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ASSESSMENT REPORT

describing

SOIL SAMPLING, PROSPECTING, GEOLOGICAL MAPPING AND HAND TRENCHING

at the

JAKE PROPERTY

Jake 1-8 YC29793-YC29800
Jake 9-16 YC31201-YC31208

NTS 105G/16

Latitude 61°45’58”N; Longitude 130°02’38”W

located in the

Watson Lake Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

STRATEGIC METALS LTD.

by

Dan Gregory, B.Sc. Geology, GIT
February 2010

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INTRODUCTION

The Jake property was staked in spring 2006 following a research study that identified prospective silver targets in Yukon. The property is owned 100% by Strategic Metals Ltd.

This report describes work conducted between July 18 and 24, 2009 by Archer, Cathro & Associates (1981) Limited on behalf of Strategic. The work consisted of geological mapping, prospecting, soil sampling and hand trenching. It was completed by a crew of two people from a helicopter supported camp on the property. The author supervised the program. Appendix I contains the author's Statement of Qualifications.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Jake property is located in southeastern Yukon at latitude 61°45'58" north and longitude 130°02'38" west on NTS mapsheet 105G/16 (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. Claim registration data is listed below while locations of individual claims are shown on Figure 2.

Claim Name	Grant Number	Expiry Date*
Jake 1-8	YC29793-YC29800	March 2, 2024
Jake 9-16	YC31201-YC31208	March 2, 2024

* Expiry dates include 2009 work that has been filed for assessment credit but not yet accepted.

The Jake claims lie approximately 292 km east-northeast of Whitehorse and 108 km east of Ross River. The closest road is the Robert Campbell Highway, 17 km south of the property. McEvoy Lake, which lies 6.5 km northwest of the property, is suitable for float equipped aircraft and an airstrip, which services a fishing lodge on the northeast side of the lake (9 km northwest of the property) and is suitable for wheel equipped aircraft.

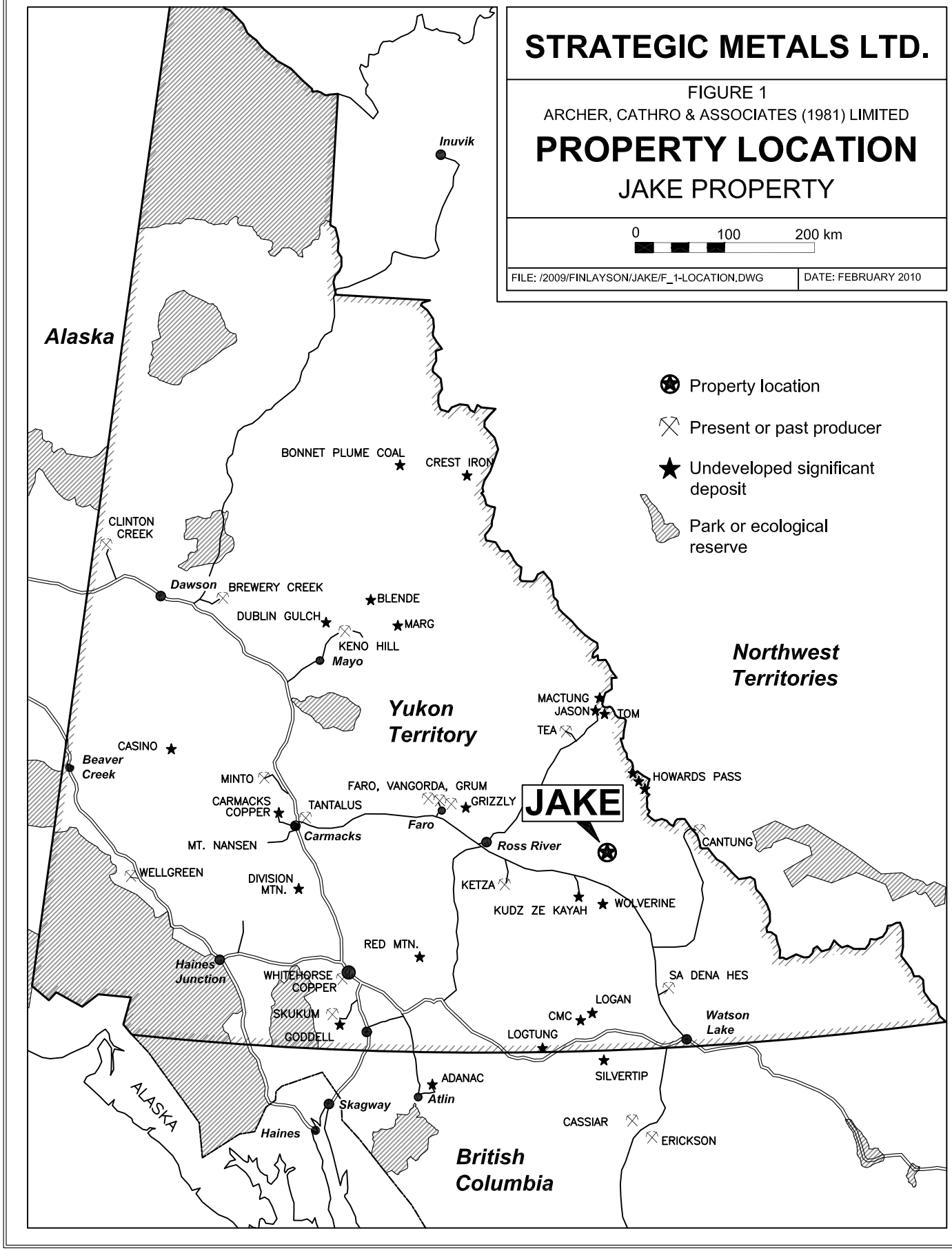
In 2009, the property was accessed by a Hughes 500C helicopter operated by Kluane Airways from a seasonal base at Inconnu Lodge on the northeast side of McEvoy Lake.

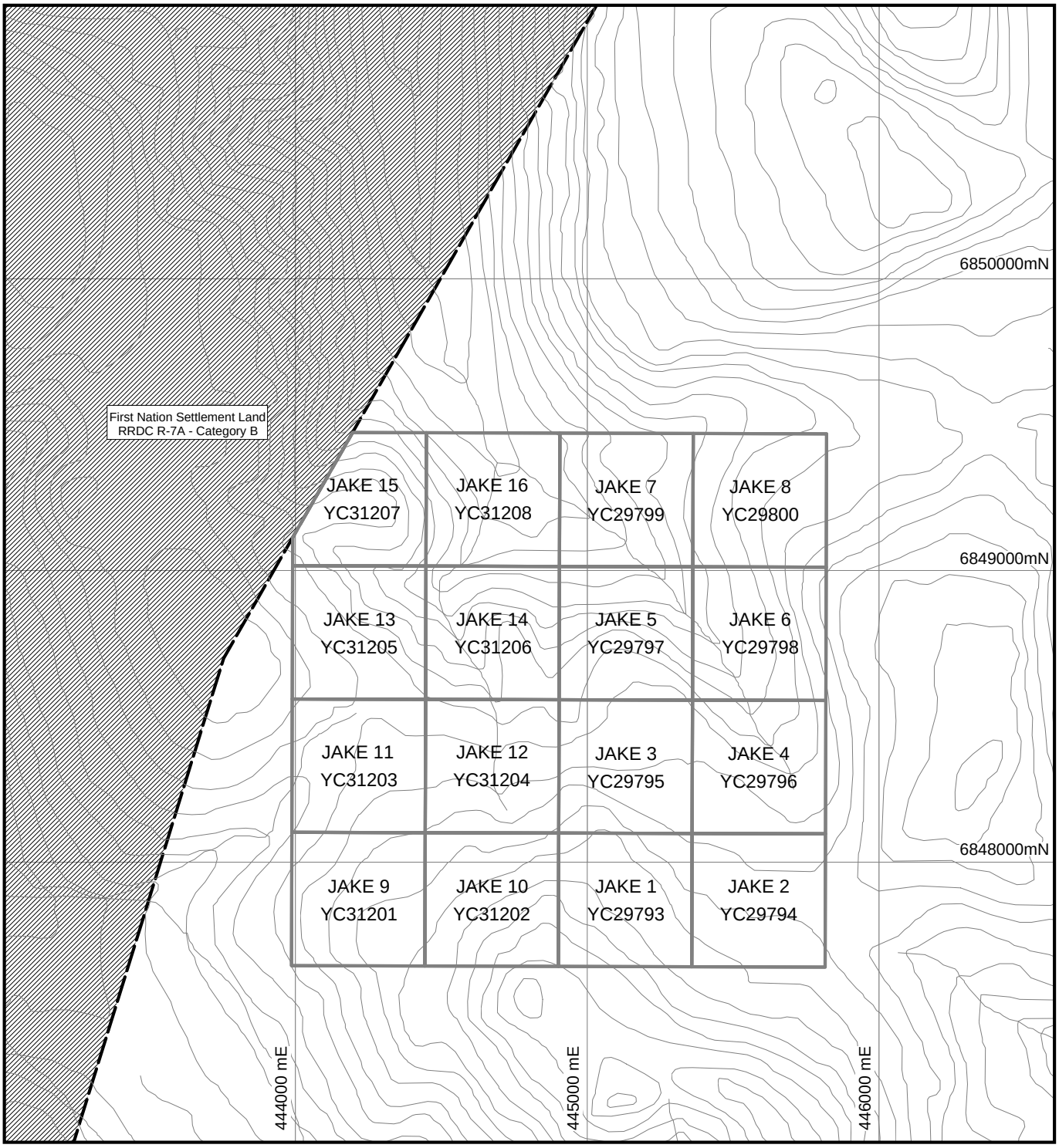
HISTORY

The area of interest was first staked as the Jake claims by Atlas Explorations Ltd. in 1966. In summer 1967 Atlas conducted geochemical and geophysical surveys over the claim block. It reported a 450 m long east-west trending geochemical anomaly, a 1.6 km long magnetic anomaly and rock assays up to 490 g/t Ag, 16.2% Cu, 9.2% Pb, and 3.6% Zn.

The property was restaked in 1978 by an independent prospector but no work was reported.

In 1994 the area was restaked by Dan Brett. In 1995 the claims were optioned to Pacific Bay Minerals Ltd., which explored in a north-south trending U-shaped valley located in the north-


STRATEGIC METALS LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
JAKE PROPERTY
0
100
200 km
FILE: /2009/FINLAYSON/JAKE/F_1-LOCATION.DWG
DATE: FEBRUARY 2010
Property location
Present or past producer
Undeveloped significant deposit
Park or ecological reserve
Alaska
Inuvik
BONNET PLUME COAL
CREST IRON
CLINTON CREEK
Dawson
BREWERY CREEK
BLENDE
DUBLIN GULCH
MARG
KENO HILL
Mayo
Yukon Territory
Northwest Territories
MACTUNG
JASON
TOM
TEA
CASINO
Beaver Creek
MINTO
FARO, VANGORDA, GRUM
GRIZZLY
HOWARDS PASS
JAKE
CARMACKS COPPER
TANTALUS
Carmacks
Faro
Ross River
CANTUNG
MT. NANSEN
WELLGREEN
DIVISION MTN.
KETZA
KUDZ ZE KAYAH
WOLVERINE
RED MTN.
Haines Junction
WHITEHORSE COPPER
SA DENA HES
LOGAN
CMC
Watson Lake
SKUKUM
GODDELL
LOGTUNG
SILVERTIP
ADANAC
Atlin
Skagway
ALASKA
Haines
CASSIAR
ERICKSON
British Columbia



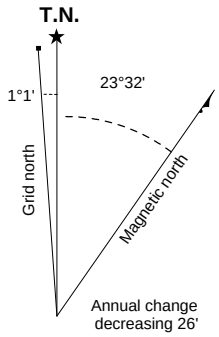


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FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS

JAKE PROPERTY

0 400 800 1200 1600 m

UTM Zone 9, NAD83, NTS sheet 105 G/16

FILE: .../2009/FINLAYSON/JAKE.WOR | DATE: FEBRUARY 2010

central part of the current claim block (Wesa, 1996). Prospecting discovered trace to minor sulphide mineralization in structural zones within argillite and quartzite.

Strategic Metals staked Jake 1-16 claims in spring 2006 and conducted prospecting and soil sampling later that year (Wengzynowski, 2007). In summer 2007, Geotech Ltd. flew helicopter-borne magnetic and variable time domain electromagnetic (VTEM) surveys on behalf of Strategic (Eaton, 2008).

In September 2007, Strategic optioned the property to Mega Silver Inc., which performed prospecting, geological mapping, and soil, rock and silt sampling in summer 2008. Mega terminated the option agreement in November 2008 (Peters, 2008).

GEOMORPHOLOGY

The Jake claims lie in the Pelly Mountains, 75 km northeast of the Tintina Trench. The main drainages on the property flow north into McEvoy Lake and from there into the Finlayson River, which is part of the MacKenzie River watershed.

Local topography is modified by Pleistocene to recent, valley and alpine glaciation. The northern part of the property features broad northerly trending, U-shaped valleys flanked by steep ridges. Deeply incised gullies project into gently rolling grassy uplands, which underlie the southern part of the property. Elevations range from 1250 m in the valleys to 1890 m atop a peak that rises above the uplands.

Tree line in the area is at about 1400 m with willow, alder and spruce on lower slopes gradually giving way to buckbrush and stunted spruce and finally to grass and lichen above 1500 m. Most of the property is above 1500 m and much of it is blanketed with talus, felsenmeer or grass covered soil. Bedrock is most abundant along ridge crests and in creek cuts.

REGIONAL GEOLOGY

The McEvoy Lake area is located approximately 75 km northeast of the Tintina Fault, a major transcurrent structure, and 6 km northeast of the Inconnu Fault, a regional-scale feature that juxtaposed authochthonous rocks to the northeast against allochthonous rocks to the southwest (Figure 3). The area is underlain by relatively unmetamorphosed Selwyn Basin stratigraphy. Selwyn Basin is a large, elongate sedimentary trough that occupies the western margin of ancestral North America. Rocks of the Selwyn Basin represent the complete sedimentary architecture of an intracratonic rift. This includes a Late Proterozoic syn-rift clastic sequence of mostly oxidized and locally derived coarse and fine grained clastic rocks, and a Paleozoic post-rift basinal sedimentary sequence of mostly black carbonaceous shale and chert (Goodfellow, 2007). The basinal successions merge into platform strata of the Mackenzie Platform on the northeastern margin of the basin.

The following unit descriptions are largely summarized from Murphy (1998).

131°00'

130°00'

62°00'

Pelly Lakes

Fortin Lake

McEvoy Lake

Jake Property

Robert Campbell Hwy.

Finlayson Lake

Inconnu Thrust Fault

Moneme Mine Road

61°30'

TINTINA FAULT

T.N.

23°51'

Magnetic north

Annual change decreasing 35'

See attached legend for geological unit descriptions

Fault

Thrust fault

Modified from Gordey and Makepeace (2000) and Piercey et al. (2008).

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FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY

JAKE PROPERTY

0 10 20

kilometers

UTM Zone 9, NAD83, NTS sheets 105 G, 105H, 105IG, and 105J

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LEGEND (Figure 3, modified from Gordey and Makepeace, 2000)

INTRUSIVE ROCKS

Mid-Cretaceous
Selwyn Suite

equiangular to porphyritic (K-feldspar), intermediate to felsic plutonic rocks, rarely syenitic.

Late Devonian to Mississippian
Pelly Gneiss Suite

deformed granitic rocks, mostly felsic to intermediate composition.

Proterozoic and Paleozoic
Amphibolite Suite

metamorphosed mafic rocks including amphibolite and ultramafic rocks.

LAYERED ROCKS

Quaternary

unconsolidated glacial, fluvial, soil, and organic deposits.

Lower Tertiary, most (?) Eocene
Ross Formation

basalt, rhyolite and terrestrial clastics, minor scattered rhyolitic dykes.

Mid-Cretaceous
South Fork Volcanics

massive, locally columnar jointed, biotite-quartz-hornblende-feldspar crystal-lithic tuff.

Lower Cretaceous
Sharp Mountain Formation

fine and coarse clastic assemblage deposited in foredeep of Cordilleran orogen.

Upper Triassic

synorogenic clastics, resistant, massive poorly sorted conglomerate with pebble to cobble size clasts.

Middle to Upper Triassic
Jones Lake Formation

calcareous fine grained clastics with cross-lamination and bioturbation.

Carboniferous and Permian
Anvil assemblage

dominantly oceanic assemblage of mafic volcanics, ultramafics, chert, pelite, limestone, and gabbroic rocks.

Carboniferous to Permian
Mount Christie Formation

interbedded shale/cherty shale, black siliceous slate and siltstone, minor quartzite and carbonate.

Mississippian
Tay Formation

mixed, generally fine clastic and carbonate assemblage.

Devonian and Mississippian
Earn Group

black siliceous shale/chert with chert-pebble conglomerate, bedded barite.

Devonian, Mississippian and (?) older
Nasina assemblage

graphitic quartzite, muscovite-quartz schist, and biotite schist/gneiss with interspersed marble.

Middle Silurian to Middle Devonian
Askin Group

platy dolomitic siltstone overlain by dolostone and orthoquartzite with rare volcanic rocks.

Silurian to Middle Devonian
McEvoy Platform

buff, platy siltstone overlain by carbonate and quartzite.

Ordovician to Lower Devonian
Road River Group

thinly bedded, black shale and chert overlain by siltstone or platy limestone.

Cambrian to Devonian or younger
St. Cyr assemblage

poorly defined, fine clastic and carbonate assemblage.

Upper Cambrian and Ordovician
Rabbitkettle Formation

basinal limestone with local older or younger basinal pelitic strata.

Upper Cambrian and Lower Ordovician
Kechika Formation

basinal fine grained calcareous pelitic strata with locally intercalated mafic volcanic rocks.

Lower Cambrian
Gull Lake Formation

fine clastic assemblage with local mafic metavolcanic and volcaniclastic rocks, siltstone and argillite.

Upper Proterozoic to Lower Cambrian
Hyland Group

coarse turbiditic clastics, limestone, fine clastics, and scattered mafic volcanic rocks.

Late Proterozoic and Paleozoic
Nisling assemblage

mica-quartz-feldspar schist and abundant, locally thick limestone sequences.

The Hyland Group is the oldest exposed unit of Selwyn Basin. It consists of thick turbidite deposits that are intruded by Cambrian mafic sills. The Hyland Group is overlain by a thin, basal, discontinuous limestone conglomerate and a dominant, fine clastic assemblage of the Gull Lake Formation. Basinal silty limestone of the Rabbitkettle Formation unconformably overlies the Gull Lake Formation and grades southward and westward into the Kechika Group of northern B.C. The Rabbitkettle Formation is in turn overlain by the Ordovician to Silurian Road River Group, which includes black shale, chert and limestone. Shallow water siltstone, carbonate and quartzite of the Silurian to Devonian McEvoy Platform occur in the McEvoy Lake area (S. Gordey, pers. comm. in Murphy *et al.*, 2002) but its relationship to the stratigraphically lower Road River Group is unknown. The overlying Devonian to Mississippian Earn Group is characterized primarily by black siliceous shale, chert, and chert-pebble conglomerate. It has a complex internal stratigraphy and is interpreted to have been deposited in restricted, deep marine basins disrupted by tensional or transtensional rifts (Gordey *et al.*, 1991). Clastic rocks and carbonates of the Tay, Mount Christie, and Jones Creek Formations overlie the Earn Group (Murphy, 1997 and Murphy *et al.*, 2002).

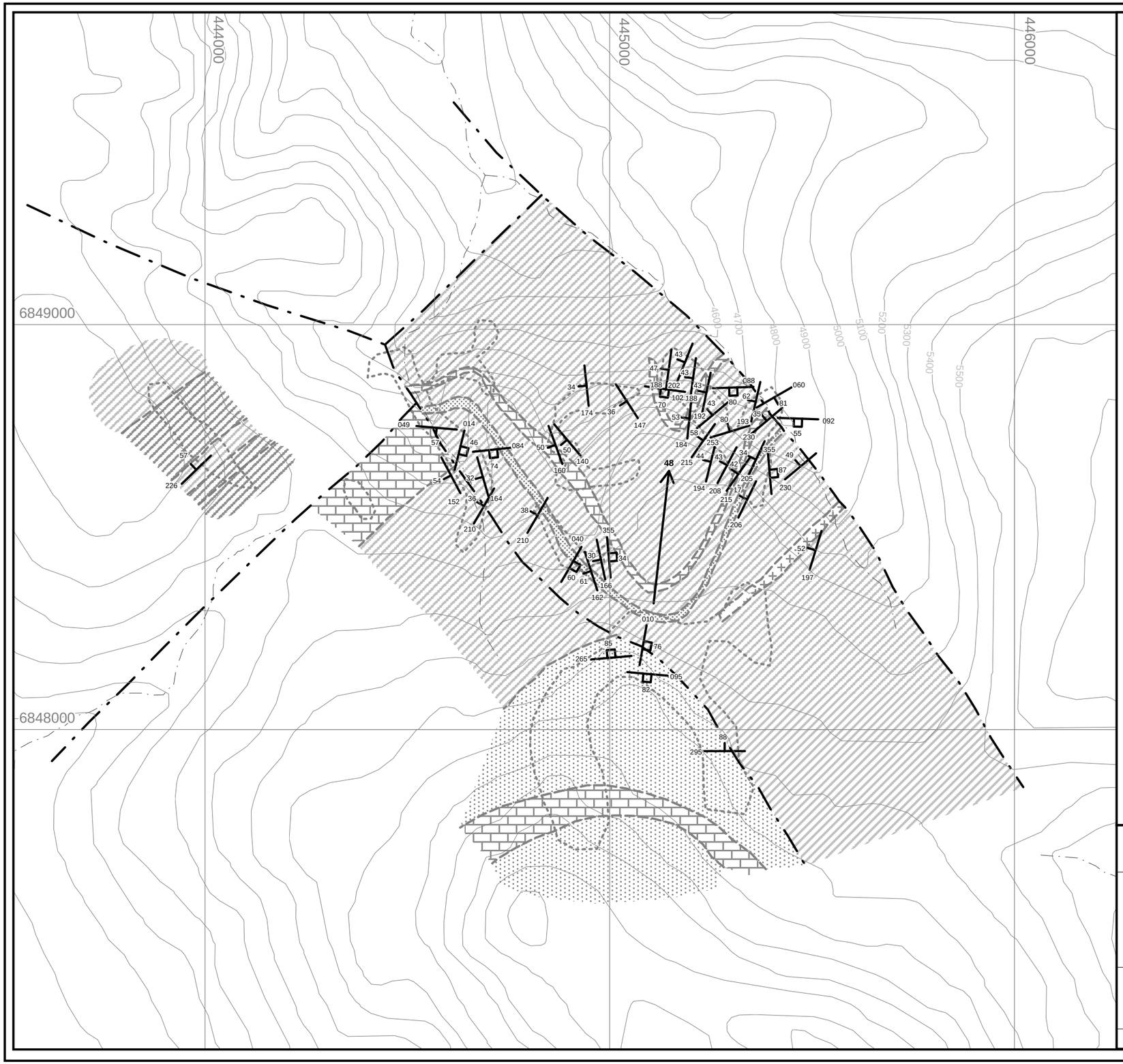
The pericratonic rocks of the Yukon-Tanana Terrane and the oceanic rocks of the Slide Mountain Terrane are juxtaposed against rocks of the North American continental margin sequence along the post-Late Triassic Inconnu Thrust Fault (Murphy *et al.*, 2006). The Yukon-Tanana and Slide Mountain terranes represent a continental arc and back-arc basin sequence that developed along the ancient Pacific margin of North America during the late Devonian and through the Permian (Piercey *et al.*, 2006). Rocks of the Yukon-Tanana and Slide Mountain terranes in the McEvoy Lake area are characterized by variably deformed, and metamorphosed, lower greenschist to amphibolite facies metasedimentary and metavolcanic rocks and affiliated metaplutonic suites.

Massive, poorly stratified crystal-lithic tuff of the Cretaceous South Fork Volcanics occurs west of Fortin Lake, about 28 km northwest of the property. Lithic clasts within the tuff, which include blocks of Silurian dolostone, suggest that the volcanic rocks erupted through rocks of the McEvoy Platform (Murphy *et al.*, 2002). Granitic intrusions of the Mid-Cretaceous Selwyn Suite are common in the McEvoy Lake area and are found on both sides of the Inconnu Thrust Fault.

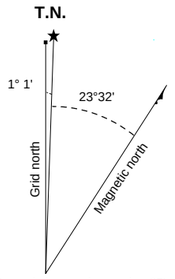
PROPERTY GEOLOGY

Bedrock is relatively rare on the Jake property. A geological map was produced by examining outcrops and by extrapolating bedrock from talus (Figure 4). The following geological descriptions are based on 2009 field observations and a previous report (Eaton, 2008).

The property is underlain by siltstone, limestone and quartzite of the McEvoy Platform. Strata is disrupted by two fault sets. An early northeast trending fault has subsequently been offset by two northwest trending faults. Movement on the most southwestern of the later faults has produced 170 m of sinistral offset on the earlier fault. Most of the geological mapping done on the property is within a fault block located near the center of the property. Structural measurements from this block indicate that at least two fold events have affected the stratigraphy. The first fold event resulted in a prominent 013° trending and 48° plunging



T.N.



Annual change decreasing 25'

- Light grey felsic intrusive
- Light to medium grey quartzite
- Dark grey siltstone
- Medium grey limestone
- Stike and dip of fracture
- Strike and dip of bedding
- Trend and plunge of fold
- Area of mixed float and small outcrops
- Assumed contact
- Approximate fault trace

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FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY GEOLOGY

JAKE PROPERTY

0 200 400 600 800 m

UTM Zone 9, NAD83, NTS sheet 105 G/16

FILE: .../2009/FINLAYSON/JAKE.WOR | DATE: FEBRUARY 2010

syncline with a smaller, related anticline 600 m to the northwest. These features were subsequently folded by a 274° trending and 8° plunging syncline. The central fault block appears to have been rotated after folding because all the stratigraphy dips in the same direction.

The sedimentary rocks on the property were deposited in a shallow water environment where rapid facies changes are expected. As such several beds of the same rock type are repeated throughout the section and relative age of non-adjacent beds is uncertain.

The central fault block is largely composed of dark grey siliceous siltstone. This siltstone commonly has 1 to 7 mm thick quartzite layers and locally contains up to 3% pyrite. Within this fault block, the siltstone is interbedded with minor limestone and quartzite beds. On the western side of the property, this sequence has been intruded by a northeast trending, steeply dipping felsic dyke.

The fault block southwest of the central block contains northeast trending, north dipping beds. The basal lithology in this block is medium grey limestone. It is overlain by dark grey siltstone, which is capped by light grey quartzite. The quartzite layer contains 100 m thick limestone band on the edge of the mapped area.

The western fault block features a basal lithology of dark grey siltstone which is overlain by limestone and then a sequence of relatively thin beds of siltstone, limestone and quartzite.

Lithology Descriptions

The following paragraphs describe the main lithologies on the property. All sedimentary lithologies belong to the McEvoy Platform and are Ordovician to Silurian in age.

Siltstone is dark grey, siliceous and contains up to 40% light grey quartz layers that range from 1 to 7 mm in thickness. This lithology is well bedded and can be fissile, thinly bedded or massive. Locally it may be graphitic and can contain up to 3% disseminated pyrite.

Limestone is medium to dark grey and variably dolomitic. When dolomite content is relatively high it weathers orange/tan. It is fine to medium grained and occurs in both bedded and massive forms.

Massive **quartzite** is light to medium grey, medium grained and contains up to 8% thin, wispy, black laminae.

Porphyritic felsic intrusive contains 15% feldspar, 10% quartz and 5% mafic phenocrysts in a fine grained siliceous groundmass.

Quartz veins and breccia are common throughout the property. The quartz veins are generally barren and white. They cut steeply across bedding and generally follow the main fracture orientation. The breccias exhibit moderate to strong limonite staining and are composed of siltstone and quartzite clasts in calcite cement. Due to their recessive nature, none of the breccias were observed in outcrop.

Wallrocks within and adjacent to fault zones are locally altered. Silicification and calcification are most common but minor limonite, talc, sericite and chlorite are also observed.

MINERALIZATION

Two main types of mineralization that have been discovered on the property:

(1) skarn and

(2) discordant stockwork, breccia or vein.

Galena and sphalerite occur as lenses, blebs, disseminations and fracture fillings within weakly to moderately skarnified metasediments and structurally controlled breccias. Alteration of sphalerite to hydrozincite is common. Chalcopyrite is rare and occurs as fine disseminations and fracture fillings. The main mineral occurrences are described as follows and their locations are shown on Figures 6 through 9.

Showing I is an outcrop characterized by limonitic and silica altered argillaceous phyllite. A grab sample taken from the most limonite altered section of the outcrop returned 1425 g/t Ag, 1.05% Cu, 10.65% Pb and 1.54% Zn.

Showing II represents a 10 m wide area of skarn float consisting of strongly limonitized cobbles with blebs, stringers and pods of galena, a specimen from which returned 129 g/t Ag and 59% Pb.

Showing III comprises skarn mineralization containing limonite, manganese, hydrozincite, stingers of galena and minor remnant sphalerite. Numerous quartz veins were noted in the area. None of the skarn was sampled but a specimen of quartz veined phyllite returned 199 g/t Ag, 0.89% Cu, 0.98% Pb and 6.51% Zn.

Showing IV is a fault breccia that does not outcrop but has produced relatively abundant float boulders for 10 m length along a hillside. Mineralization varies from disseminated to coarsely granular, sphalerite and galena in breccia boulders primarily composed of quartz, limonite and carbonate. A sample from one of the boulders returned 4.44% Zn. Historical assays in this area yielded maximum values of 143.3 g/t Ag, 1.25% Cu and 1.6% Zn.

Showing V consists of skarnified calc-silicate float hosting pervasive chalcopyrite and galena. Secondary malachite and hydrozincite stains were found on weathered surfaces. A specimen returned 61.5 g/t Ag, 0.89% Cu and 1.26% Zn.

Showing VI hosts similar mineralization to Showing V. The best sample from it assayed 41.2 g/t Ag, 2.89% Pb and 2.2% Zn.

Showing VII features galena and sphalerite in dolomitic quartzite float cobbles, a sample from which returned 28.3 g/t Ag, 1.61% Pb and 0.97% Zn.

Showing VIII exhibits heavily limonitic breccia with malachite stain and approximately 10% chalcopyrite and 10% void space. A specimen sample of this material returned 507 g/t Ag, 17.25% Cu, 0.3% Pb and 0.24% Zn. Skarn mineralization was also noted in the vicinity.

Showing IX consists of skarn mineralization containing 2% chalcopyrite, 2% pyrite and 3 to 4% sphalerite. Siltstone surrounding the skarn is heavily limonite altered and weakly mineralized. A specimen of mineralized skarn returned 22 g/t Ag, 0.64% Cu and 3.59% Zn.

SOIL GEOCHEMISTRY

In 2009 soil samples were taken in the vicinity of the strongest historical anomaly, at 50 m intervals on lines positioned between historic soil sample lines (which were spaced 100 m apart). Figures 6 to 9 illustrate silver, lead, zinc and copper results, respectively. Table I lists threshold and peak values for each metal.

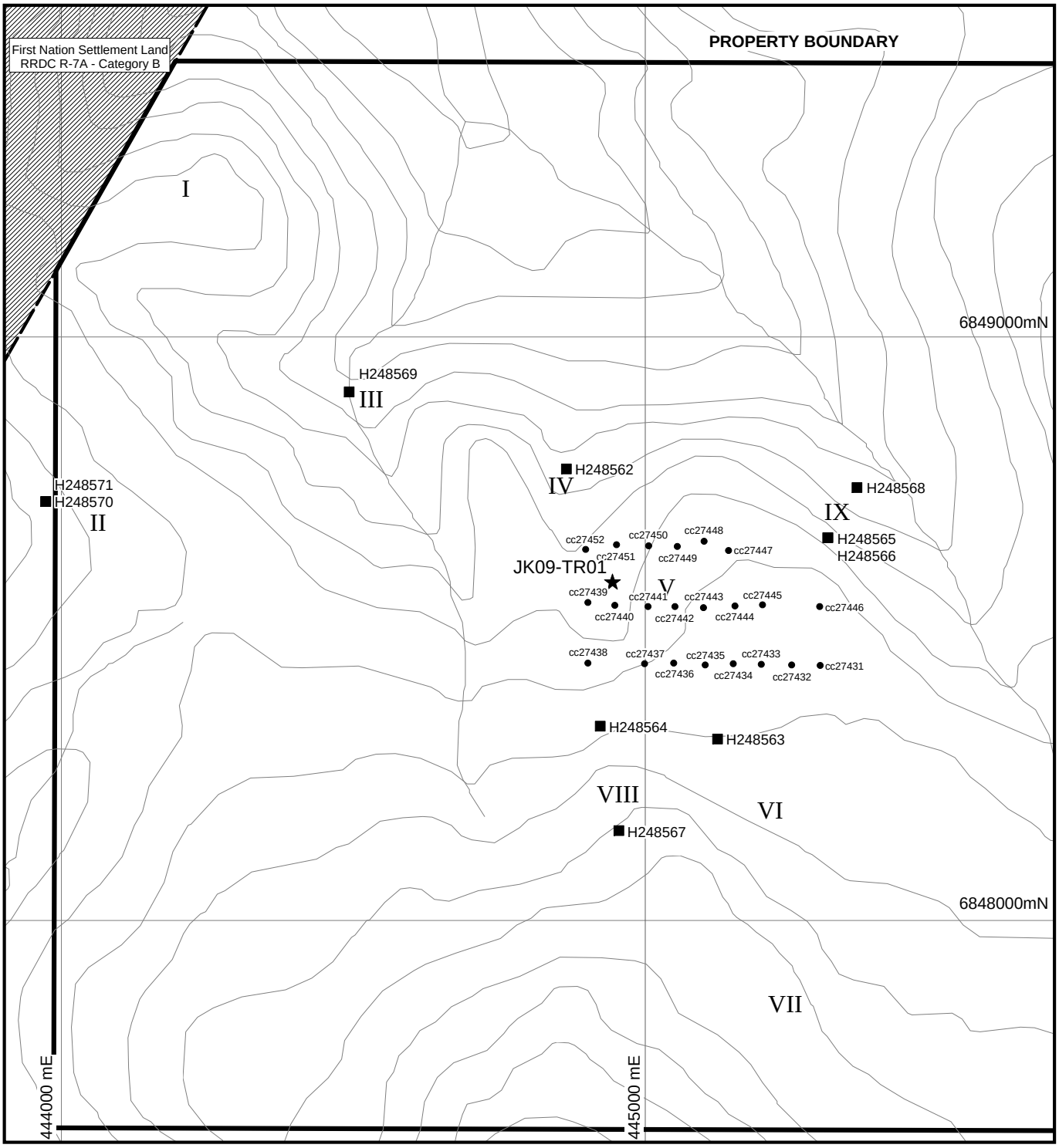
Table I – Selected Geochemical Data

Metal	Threshold Values			Peak Value
	Weak	Moderate	Strong	
Silver	1 ppm	2 ppm	5 ppm	12.6 ppm
Lead	100 ppm	200 ppm	500 ppm	5540 ppm
Zinc	200 ppm	500 ppm	1000 ppm	4210 ppm
Copper	100 ppm	200 ppm	500 ppm	1510 ppm

Silver, lead, zinc and copper show a high degree of correlation especially among moderately to strongly anomalous values. Anomalous results tend to cluster near mapped faults, where faults intersect limestone units and along the trace of the main fold axis. This suggests that the faults, and fractures within the fold axis acted as fluid conduits that became mineralized as successive fluid pulses flowed through them. Where the fluids encountered calcareous rocks, mineralized skarns were formed. The best results are from a 700 by 500 m area, located in the central part of the property.

HAND TRENCHING

One hand trench was excavated in the vicinity of the highest historic soil samples. The trench location is shown on the geochemical maps (Figures 5-9). Trench JK09-TR01 was dug perpendicular to the trend of the geochemical anomaly and is 10 m long and 0.2 to 1.2 m deep (Figure 10). It exposed medium grey limestone and dark grey siltstone. The most significant mineralization was disseminated galena associated with calcite veins within the limestone. Chip samples taken along the floor of the trench produced a weighted average of 5.2 g/t silver, 1595 ppm lead and 1034 ppm zinc across 9 m.



★ 2009 trench location

■ 2009 rock sample (sample number)

• 2009 soil sample (soil number)

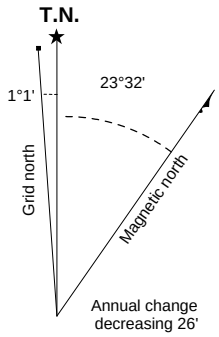


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FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SAMPLE LOCATION

JAKE PROPERTY

0 200 400 600 800 m

UTM Zone 9, NAD83, NTS sheet 105 G/16

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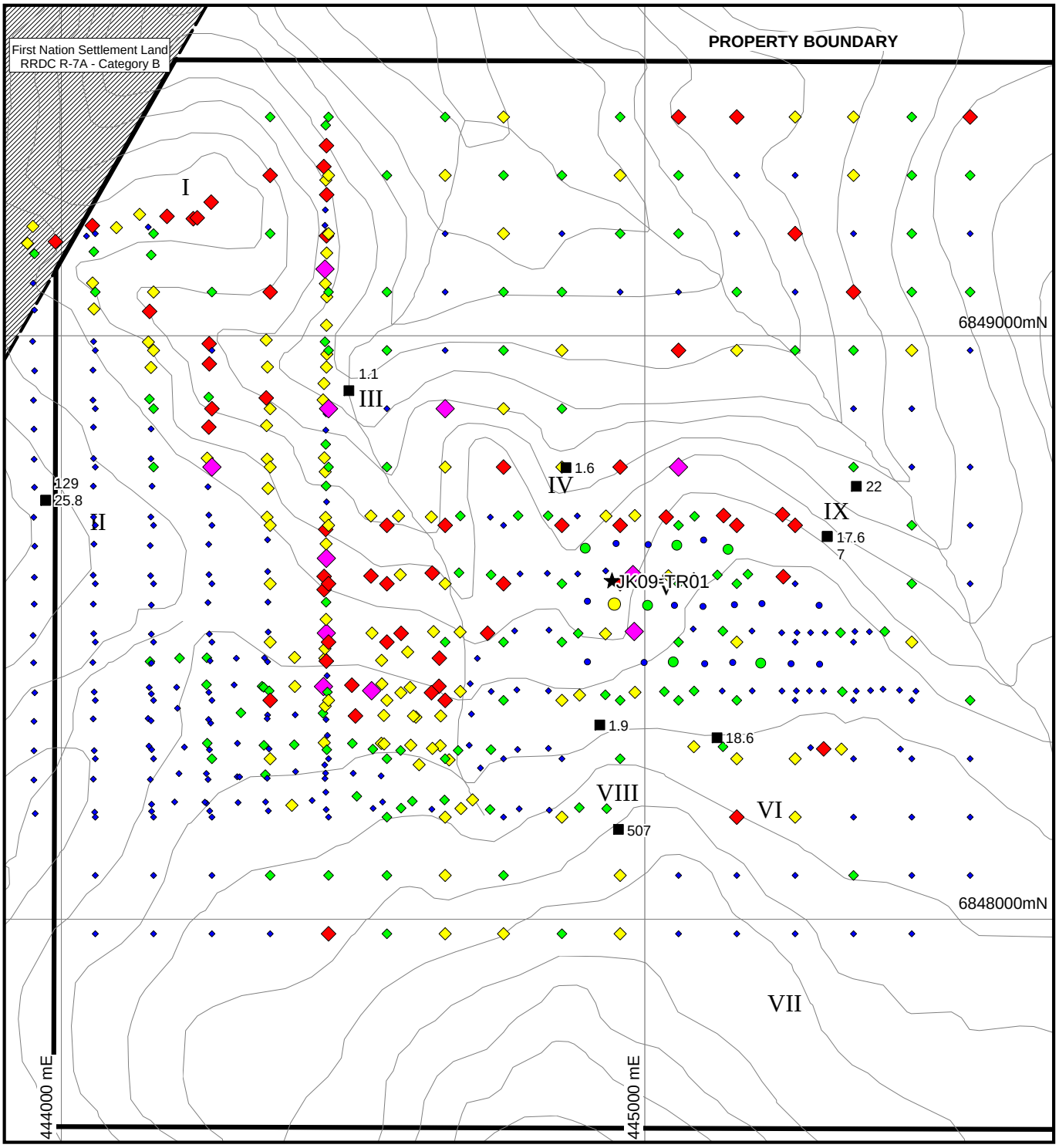

T.N.

23°32'

1°1'

Grid north

Magnetic north

Annual change decreasing 26'

Silver (ppm) Historic sampling

≥5 < 12.6

≥2 < 5

≥1 < 2

≥0.5 < 1

≥0 < 0.5

Silver (ppm) 2009 sampling

≥1 < 2

≥0.5 < 1

≥0 < 0.5

I Showing refered to in text

2009 Rock sample (Ag ppm)

2009 trench location

STRATEGIC METALS LTD.

FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SILVER GEOCHEMISTRY

JAKE PROPERTY

0 200 400 600 800 m

UTM Zone 9, NAD83, NTS sheet 105 G/16

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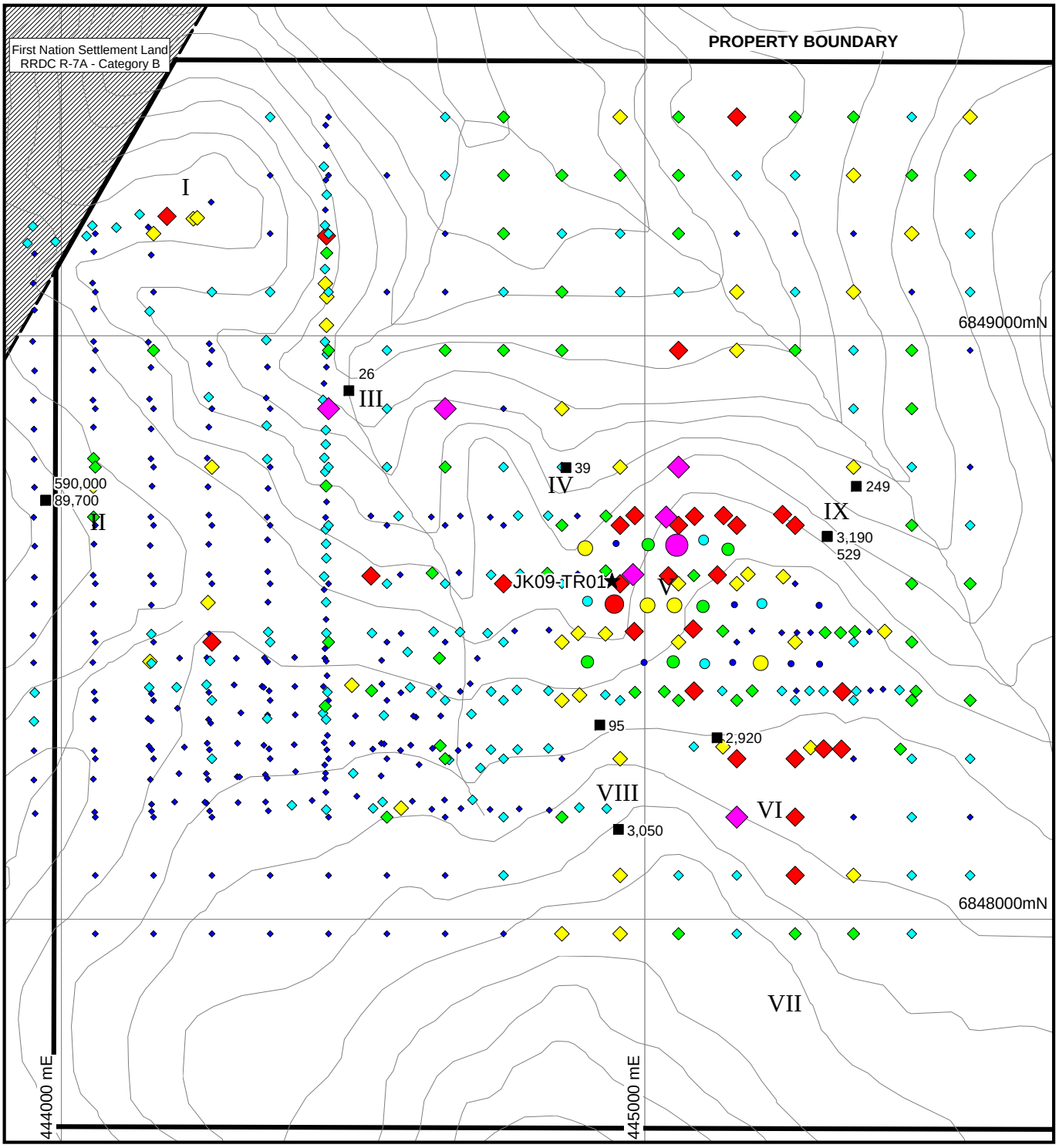

T.N.

23°32'

1°1'

Grid north

Magnetic north

Annual change decreasing 26'

Lead (ppm) Historic samples			Lead (ppm) 2009 samples		
≥1,000	<	5,540	≥1,000	<	1,300
≥500	<	1,000	≥500	<	1,000
≥200	<	500	≥200	<	500
≥100	<	200	≥100	<	200
≥50	<	100	≥50	<	100
≥0	<	50	≥0	<	50

I Showing refered to in text

■ 2009 Rock sample (Pb ppm)

★ 2009 trench location

STRATEGIC METALS LTD.

FIGURE 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LEAD GEOCHEMISTRY

JAKE PROPERTY

0 200 400 600 800 m

UTM Zone 9, NAD83, NTS sheet 105 G/16

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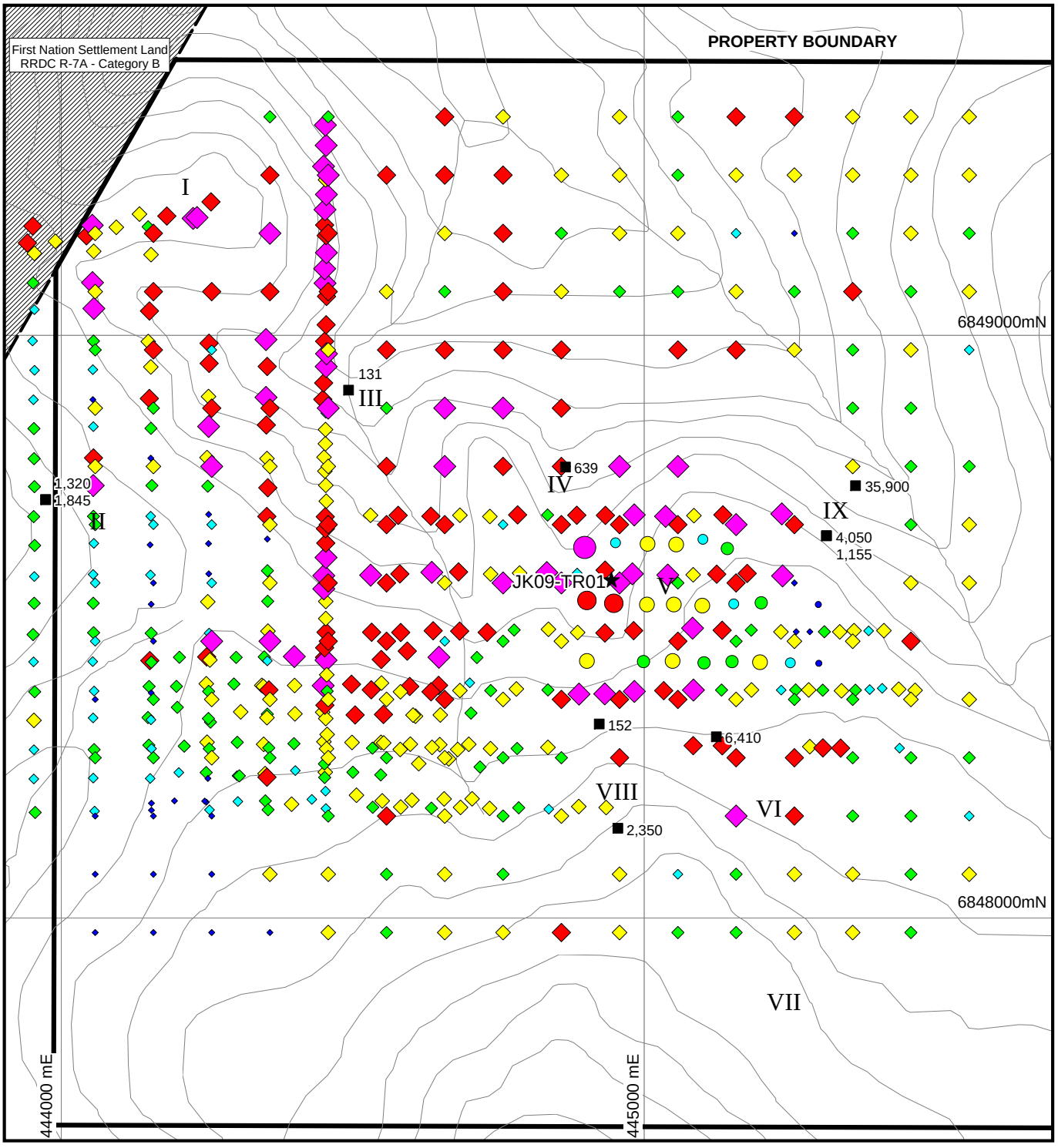


Zinc (ppm) Historic samples

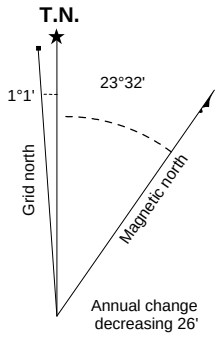
≥1,000	< 4,210
≥500	< 1,000
≥200	< 500
≥100	< 200
≥50	< 100
≥0	< 50

Zinc (ppm) 2009 samples

≥1,000	< 1,150
≥500	< 1,000
≥200	< 500
≥100	< 200
≥50	< 100
≥0	< 50

I Showing refered to in text

■ 2009 Rock sample (Zn ppm)



STRATEGIC METALS LTD.

FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

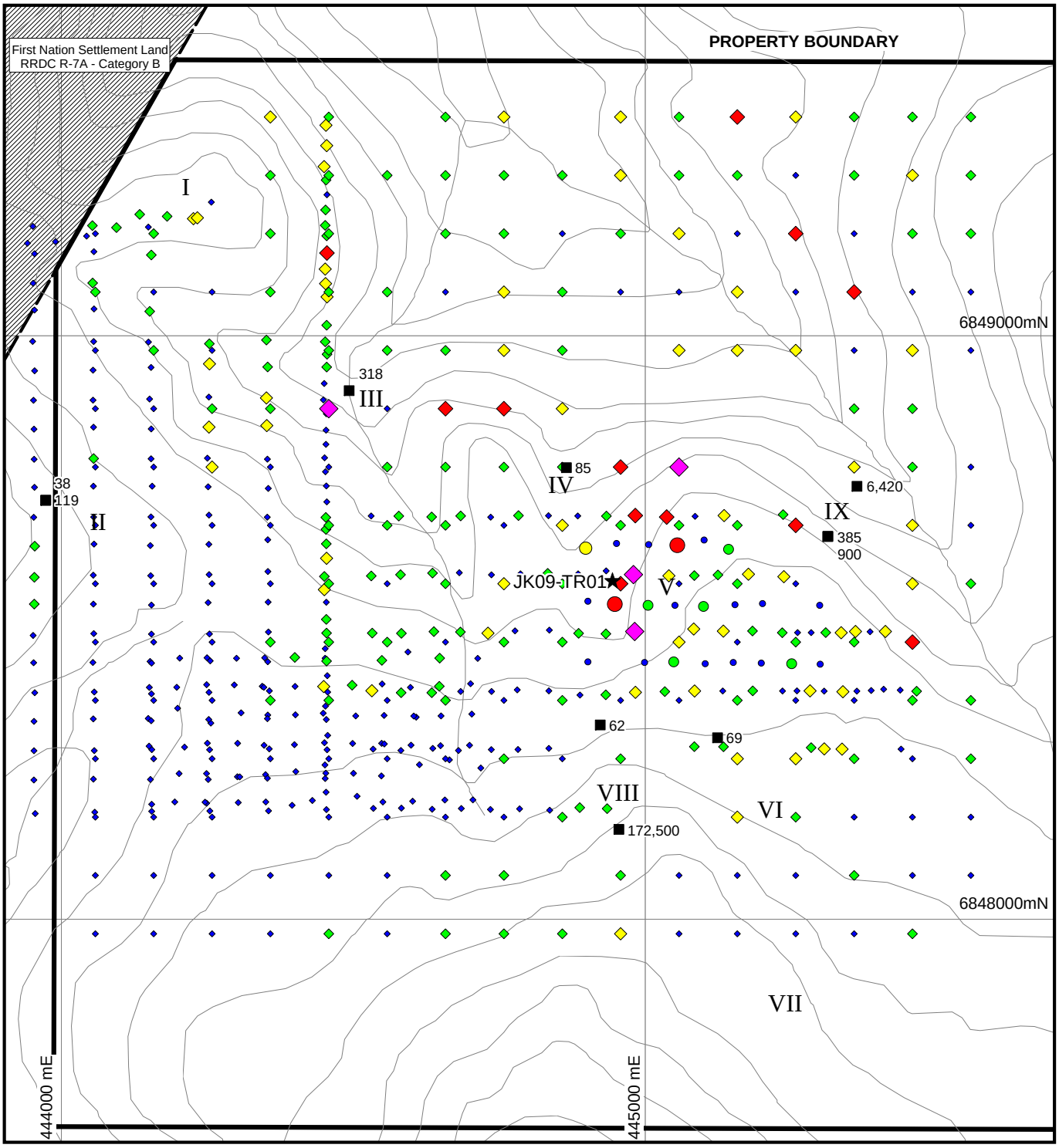
ZINC GEOCHEMISTRY

JAKE PROPERTY

0 200 400 600 800 m

UTM Zone 9, NAD83, NTS sheet 105 G/16

FILE: .../2009/FINLAYSON/JAKE.WOR | DATE: FEBRUARY 2010



T.N.

23°32'

1°1'

Grid north

Magnetic north

Annual change decreasing 26'

Copper (ppm) Historic sampling

Copper (ppm) 2009 sampling

Historic sampling	2009 sampling
≥500 < 1,510	
≥200 < 500	≥200 < 480
≥100 < 200	≥100 < 200
≥50 < 100	≥50 < 100
≥0 < 50	≥0 < 50

I Showing refered to in text

■ 2009 Rock sample (Cu ppm)

STRATEGIC METALS LTD.

FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

COPPER GEOCHEMISTRY

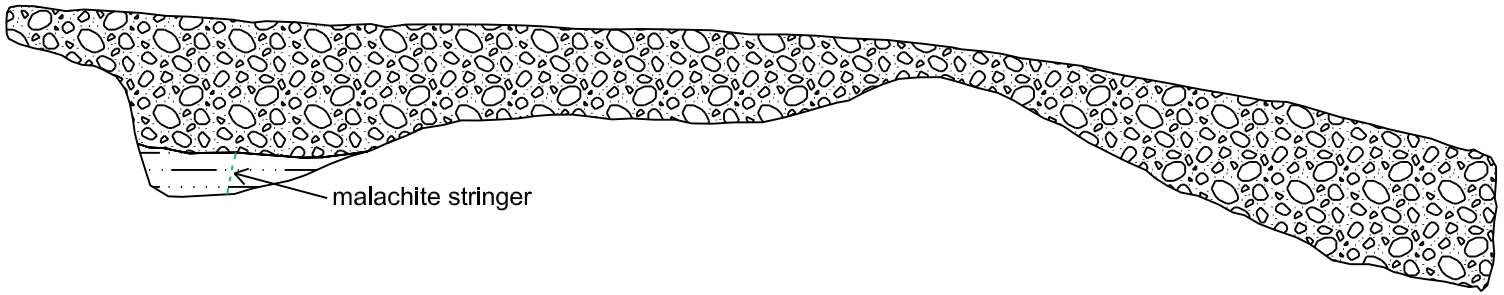
JAKE PROPERTY

0 200 400 600 800 m

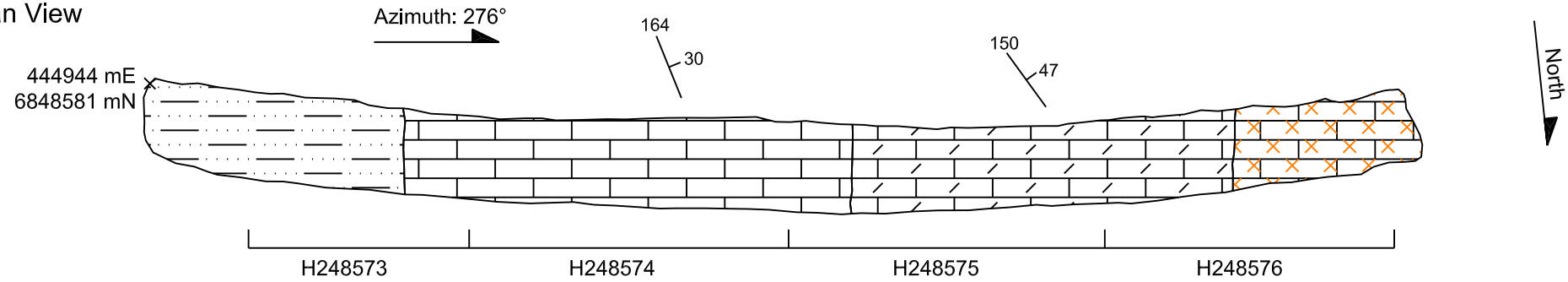
UTM Zone 9, NAD83, NTS sheet 105 G/16

FILE: .../2009/FINLAYSON/JAKE.WOR | DATE: FEBRUARY 2010

Section View (looking south)



Plan View



Sample No.	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample Interval
H248573	7.1	779	1275	1485	1.7 m
H248574	2.6	129	1620	718	2.5 m
H248575	2.9	203	852	996	2.5 m
H248576	9	447	2610	1085	2.3 m

Overburden.

Dark grey, soft, very fissile siltstone with minor limonite stain. Unit contains ~5 % thin calcite lenses and minor calcite along fractures. One 1 mm wide malachite stringer cross-cuts bedding.

Medium grey, fine grained limestone with 5-10 % non-calcareous horizons that are moderately limonitic and contain ~50% void space; possible skarn mineralization along margins of the horizons. Limonite occurs as clots and lenses and a reddish stain is present on most weathered surfaces.

Resistant, medium grey, fine grained limestone with ~50 % thin calcite veins that contain ~20 % hematitic limonite and ~10% blebby to disseminated galena cubes.

Rock is weakly brecciated by calcite-quartz veins.

H248503 Assay interval and sample number.

STRATEGIC METALS LTD.

FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

JK09-TR01 TRENCH MAP

JAKE PROPERTY

0 0.5 1.0 1.5 2.0 2.5 m

FILE: ...\FINLAYSON\JAKE\FIGURES\F10_JK09-TR01.DWG

DATE: FEBRUARY 2010

DISCUSSION AND CONCLUSIONS

Soil geochemical sampling has defined a large silver, lead and zinc anomaly near the centre of the property. Despite often thick vegetation, prospecting has identified nine showings hosted in skarn and discordant structures. Due to the size of the geochemical anomaly and the relatively high grades obtained from some strongly weathered specimens, further work should be done on the property. Work should consist of hand or machine trenching in areas where mineralized float has been found, to determine extent and grade of bedrock mineralization.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Dan Gregory, B.Sc. Geology, GIT

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APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

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

1. I graduated from the University of British Columbia in 2007 with a B.Sc. (Hons.) in Geology.

2. From 2004 to present, I have been actively engaged in mineral exploration in the Yukon Territory.

3. I am a Geoscientist in Training (GIT) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 153805).

4. I have personally participated in the fieldwork reported herein.

Daniel Gregory, B.Sc., GIT

APPENDIX II

SAMPLE HANDLING AND ANALYTICAL PROCEDURES

ASSAY METHODS FOR GEOCHEMICAL SAMPLING

In 1995 Pacific Bay Minerals Ltd. conducted soil sampling in the vicinity of the current Jake claim block. Soil samples were taken from B or C horizon soil. The samples were sent to Acme Analytical Laboratories Ltd. in Vancouver, B.C. where they were dried and sieved the samples to -80 mesh and dissolved it in an aqua regia solution. They were then analyzed for 30 elements using the inductively coupled plasma (ICP) atomic emission technique. The samples were analyzed for gold using the atomic absorption technique.

In 2006 Strategic conducted soil sampling on the Jake claim block. Soil samples were taken from B or C horizon soil. The samples were sent to ALS Chemex in North Vancouver, B.C. where they were dried, screened to -180 microns, dissolved in an aqua regia solution and then analyzed for 34 elements using the inductively coupled plasma-atomic emission spectroscopy technique (ME-ICP41). Rock samples were sent to ALS Chemex in North Vancouver, B.C. where they were dried and fine crushed to better than 70% passing 2 mm. A 250 g split was then pulverized to better than 85% passing 75 micron. A portion of this material was digested in aqua regia and analysed for 34 elements by inductively coupled plasma-atomic emission spectroscopy technique (ME-ICP41).

Soil, silt and rock samples taken by Mega Silver in 2008 were shipped to Global Discovery Labs in Vancouver, British Columbia where they were analyzed for 36 elements using ICP-MS and for gold using AA.

All 2009 soil samples were located by means of compass and hip-chain surveys with frequent checks using handheld GPS units. Sample sites are marked by aluminum tags inscribed with the sample numbers and affixed to 0.5 m long wooden laths that were driven into the ground. Soil samples were collected from 40 to 60 cm deep holes dug by hand auger. They were placed into individually pre-numbered paper bags.

The 2009 samples were sent to ALS Chemex in North Vancouver, B.C. where they were dried, screened to -180 microns, dissolved in an aqua regia solution and then analyzed for 35 elements using the inductively coupled plasma-atomic emission spectroscopy technique (ME-ICP41).

A total of 23 rock samples were taken in 2009. They were sent to ALS Chemex in North Vancouver, B.C. where they were dried and fine crushed to better than 70% passing 2 mm. A 250 g split was then pulverized to better than 85% passing 75 micron. A portion of this material was digested in aqua regia and analysed for 35 elements by inductively coupled plasma-atomic emission spectroscopy technique (ME-ICP41).

APPENDIX III

CERTIFICATES OF ANALYSIS

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 14-SEP-2009
Account: MTT

CERTIFICATE VO09088246

Project: JAKE (FIN)

P.O. No.:

This report is for 15 Rock samples submitted to our lab in Vancouver, BC, Canada on 24-AUG-2009.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-36	Pulverize 1.5 kg to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Pb-VOL70	Pb by Titration	
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: JAKE (FIN)

Finalized Date: 14-SEP-2009
Account: MTT

CERTIFICATE OF ANALYSIS VO09088246

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
H248562		1.04	1.6	0.92	17	<10	40	<0.5	3	0.54	1.9	3	26	85	7.11	10
H248563		0.61	18.6	0.79	25	<10	80	1.0	36	1.73	42.0	11	4	69	1.56	<10
H248564		1.35	1.9	2.86	29	<10	130	<0.5	2	0.56	0.7	12	284	62	8.12	10
H248565		0.96	17.6	1.16	166	<10	30	0.8	36	1.80	35.0	19	41	385	2.80	<10
H248566		0.70	7.0	1.38	162	<10	20	0.9	8	1.98	10.3	18	22	900	7.29	10
H248567		0.67	>100	1.10	3010	<10	10	<0.5	69	0.02	32.8	60	2	>10000	24.1	10
H248568		1.25	22.0	0.23	10	<10	10	0.6	<2	1.89	325	18	1	6420	6.50	<10
H248569		0.66	1.1	1.22	63	<10	30	<0.5	5	0.15	1.0	8	131	318	12.20	10
H248570		1.51	25.8	0.18	17	<10	70	<0.5	2	2.50	37.9	8	15	119	3.34	<10
H248571		1.91	>100	0.12	13	<10	30	<0.5	27	0.46	58.8	6	4	38	2.18	<10
H248572		1.26	>100	3.31	31	<10	90	1.7	11	1.07	4.0	22	36	>10000	11.30	10
H248573		1.20	7.1	4.30	48	<10	170	2.2	3	1.57	6.1	16	95	779	3.54	10
H248574		1.34	2.6	4.95	40	<10	1130	1.8	<2	3.21	4.5	11	63	129	3.94	10
H248575		1.70	2.9	4.10	65	<10	210	1.8	<2	4.82	8.1	14	66	203	2.62	10
H248576		1.23	9.0	4.62	83	<10	40	1.4	<2	4.14	6.3	18	83	447	3.68	20

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: JAKE (FIN)

Finalized Date: 14-SEP-2009
Account: MTT

CERTIFICATE OF ANALYSIS VO09088246

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
H248562		<1	0.04	<10	1.04	89	10	0.02	20	1030	39	0.09	<2	1	14	<20
H248563		1	0.01	<10	1.64	357	4	0.01	20	460	2920	0.17	<2	<1	21	<20
H248564		<1	0.10	<10	3.23	201	1	0.08	70	1150	95	1.09	2	7	58	<20
H248565		<1	0.03	20	0.49	430	70	0.03	221	1280	3190	0.54	2	3	46	<20
H248566		<1	0.03	10	0.67	325	89	0.02	152	1060	529	0.35	<2	2	38	<20
H248567		<1	0.01	<10	1.10	263	2	<0.01	36	80	3050	7.29	10	3	<1	<20
H248568		<1	0.04	<10	0.95	164	2	<0.01	85	170	249	5.62	3	<1	13	<20
H248569		1	0.06	<10	1.34	88	19	0.01	73	760	26	0.44	4	6	2	<20
H248570		1	0.02	<10	1.18	1495	2	0.02	17	80	>10000	2.93	25	3	145	<20
H248571		<1	0.01	<10	0.24	469	1	<0.01	11	10	>10000	9.75	136	2	51	<20
H248572		1	0.10	10	3.09	347	41	0.03	65	920	2510	0.69	10	4	74	<20
H248573		<1	0.38	20	5.00	681	20	0.07	128	1450	1275	0.07	<2	7	101	<20
H248574		<1	0.04	20	6.36	855	47	0.01	94	1150	1620	0.05	<2	7	126	<20
H248575		<1	0.36	20	4.49	605	24	0.05	120	1630	852	0.10	<2	5	215	<20
H248576		<1	0.06	30	5.42	699	38	0.01	181	4370	2610	0.06	<2	7	182	<20

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: JAKE (FIN)

Finalized Date: 14-SEP-2009
Account: MTT

CERTIFICATE OF ANALYSIS VO09088246

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Cu-OG46	Pb-OG46	Pb-VOL70
	Analyte	Ti	Tl	U	V	W	Zn	Ag	Zn	Cu	Pb	Pb
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.01	10	10	1	10	2	1	0.001	0.001	0.001	0.01
H248562		0.11	<10	10	321	<10	639					
H248563		0.01	<10	10	65	<10	6410					
H248564		0.29	<10	<10	134	<10	152					
H248565		0.13	<10	20	218	<10	4050					
H248566		0.08	<10	30	201	<10	1155					
H248567		<0.01	<10	<10	28	20	2350	507		17.25		
H248568		<0.01	<10	<10	24	10	>10000		3.59			
H248569		0.35	<10	<10	90	10	131					
H248570		<0.01	<10	<10	60	<10	1845				8.97	
H248571		<0.01	<10	<10	27	<10	1320	129			>20.0	59.00
H248572		0.18	<10	10	562	<10	1865	301		1.685		
H248573		0.20	<10	<10	959	<10	1485					
H248574		0.21	<10	<10	1235	<10	718					
H248575		0.17	<10	10	799	<10	996					
H248576		0.20	<10	20	1705	<10	1085					

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To: **STRATEGIC METALS LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-SEP-2009
Account: MTT

CERTIFICATE VO09088245

Project: JAKE (FIN)

P.O. No.:

This report is for 22 Soil samples submitted to our lab in Vancouver, BC, Canada on 24-AUG-2009.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Project: JAKE (FIN)

Finalized Date: 8-SEP-2009
Account: MTT

CERTIFICATE OF ANALYSIS VO09088245

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC27431		0.16	<0.2	0.70	17	<10	70	<0.5	3	0.10	<0.5	2	22	23	1.28	<10
CC27432		0.21	0.4	1.37	17	<10	80	0.5	<2	0.20	<0.5	2	48	50	1.65	10
CC27433		0.15	0.9	1.13	31	<10	70	0.5	<2	0.35	1.5	5	11	45	1.16	<10
CC27434		0.17	<0.2	1.14	33	<10	120	<0.5	<2	0.11	0.6	4	58	23	2.45	10
CC27435		0.17	<0.2	1.34	29	<10	150	0.6	<2	0.13	0.9	5	34	34	2.63	10
CC27436		0.22	0.5	1.45	37	<10	150	0.8	<2	0.45	3.3	5	25	64	1.98	<10
CC27437		0.20	0.2	0.80	21	<10	150	<0.5	<2	0.85	1.6	3	19	20	1.73	<10
CC27438		0.22	0.4	2.00	21	<10	550	0.5	<2	2.39	4.8	8	57	13	2.13	<10
CC27439		0.13	0.3	2.28	43	<10	150	0.8	<2	0.61	3.5	7	39	48	1.96	10
CC27440		0.16	1.2	2.99	119	<10	190	2.2	3	0.32	2.2	16	47	292	3.34	10
CC27441		0.25	0.5	1.32	25	<10	130	0.7	3	0.62	5.1	5	24	72	2.01	<10
CC27442		0.25	0.2	2.15	40	<10	90	0.6	4	0.23	0.8	9	75	23	3.17	10
CC27443		0.21	0.4	2.02	34	<10	140	0.9	<2	0.25	1.6	10	34	69	2.52	10
CC27444		0.21	0.2	0.59	15	<10	100	<0.5	<2	0.16	1.0	2	19	18	1.10	<10
CC27445		0.17	<0.2	0.97	19	<10	140	<0.5	<2	0.36	1.5	3	29	31	1.72	10
CC27446		0.20	<0.2	0.50	6	<10	50	<0.5	<2	0.12	<0.5	1	17	10	0.77	10
CC27447		0.18	0.5	2.35	22	<10	70	0.6	<2	0.14	0.7	7	112	67	2.18	10
CC27448		0.13	<0.2	0.46	9	<10	40	<0.5	<2	0.13	<0.5	2	25	8	0.63	<10
CC27449		0.25	0.9	1.57	32	<10	90	1.4	3	0.51	3.5	6	28	480	1.51	10
CC27450		0.23	0.2	1.71	28	<10	110	0.7	2	0.36	12.0	10	47	48	2.44	10
CC27451		0.11	0.2	0.84	34	<10	60	<0.5	2	0.13	0.5	2	19	33	1.79	10
CC27452		0.17	0.6	1.89	112	<10	130	0.9	<2	0.50	1.4	10	36	136	2.77	10

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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: JAKE (FIN)

Finalized Date: 8-SEP-2009
Account: MTT

CERTIFICATE OF ANALYSIS VO09088245

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
CC27431		<1	0.04	10	0.13	71	4	<0.01	14	760	16	0.09	<2	<1	12	<20
CC27432		<1	0.04	10	0.37	71	5	<0.01	20	1010	29	0.10	3	1	16	<20
CC27433		<1	0.03	10	0.42	238	2	0.01	15	1020	269	0.09	2	1	17	<20
CC27434		<1	0.10	10	0.58	93	10	<0.01	29	410	35	0.04	5	2	10	<20
CC27435		<1	0.07	20	0.51	105	9	<0.01	30	730	64	0.06	2	2	11	<20
CC27436		<1	0.06	10	0.47	246	7	<0.01	30	1510	147	0.13	2	1	23	<20
CC27437		<1	0.06	10	0.34	171	6	<0.01	18	1020	40	0.12	4	1	33	<20
CC27438		<1	0.61	20	3.91	508	5	<0.01	44	2270	129	0.03	3	6	65	<20
CC27439		<1	0.06	10	2.65	257	6	<0.01	48	650	91	0.04	4	3	27	<20
CC27440		<1	0.09	20	1.50	858	18	<0.01	92	2530	825	0.17	3	2	28	<20
CC27441		<1	0.07	10	0.69	369	6	<0.01	32	1290	358	0.12	<2	1	28	<20
CC27442		<1	0.14	10	1.45	664	9	<0.01	33	810	230	0.05	2	3	28	<20
CC27443		1	0.06	20	0.98	180	7	<0.01	64	900	110	0.05	<2	2	19	<20
CC27444		<1	0.04	10	0.24	130	8	<0.01	13	840	39	0.07	3	1	10	<20
CC27445		<1	0.04	10	0.33	97	7	<0.01	19	1070	50	0.10	3	<1	18	<20
CC27446		<1	0.05	10	0.17	43	8	<0.01	11	510	41	0.05	2	1	9	<20
CC27447		<1	0.10	10	1.39	89	9	<0.01	51	740	122	0.09	<2	3	19	<20
CC27448		<1	0.06	10	0.24	35	6	<0.01	10	380	63	0.04	<2	1	7	<20
CC27449		<1	0.06	10	0.81	317	4	<0.01	37	1330	1300	0.11	2	1	39	<20
CC27450		<1	0.11	10	1.21	446	8	<0.01	37	850	162	0.09	2	2	30	<20
CC27451		<1	0.08	10	0.28	39	18	<0.01	17	750	37	0.12	2	1	24	<20
CC27452		<1	0.09	10	1.08	253	17	<0.01	143	930	203	0.09	2	2	34	<20

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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: 8-SEP-2009
Account: MTT

Project: JAKE (FIN)

CERTIFICATE OF ANALYSIS VO09088245

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC27431		0.04	<10	<10	104	<10	48
CC27432		0.08	<10	<10	158	<10	50
CC27433		0.03	<10	<10	51	<10	245
CC27434		0.16	<10	<10	361	<10	120
CC27435		0.12	<10	<10	323	<10	113
CC27436		0.04	<10	10	144	<10	262
CC27437		0.06	<10	<10	152	<10	128
CC27438		0.09	<10	<10	271	<10	326
CC27439		0.06	<10	<10	275	<10	716
CC27440		0.03	<10	30	311	<10	822
CC27441		0.03	<10	<10	155	<10	321
CC27442		0.20	<10	<10	355	<10	296
CC27443		0.06	<10	<10	207	<10	267
CC27444		0.05	<10	<10	159	<10	62
CC27445		0.03	<10	<10	179	<10	102
CC27446		0.06	<10	<10	125	<10	39
CC27447		0.16	<10	<10	244	<10	101
CC27448		0.14	<10	<10	200	<10	52
CC27449		0.04	<10	<10	200	<10	418
CC27450		0.09	<10	<10	215	<10	355
CC27451		0.08	<10	<10	226	<10	71
CC27452		0.07	<10	<10	259	<10	1145

APPENDIX IV

ROCK SAMPLE DESCRIPTIONS

Rock Sample Descriptions Project: Finlayson Property: Jake

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
H248562	UTM: 444865	E	UTM: 6848774	N	Sample Width:	Abundance: rare
	Elevation:	m				

Comments: 7 cm wide band of very limonitic breccia. ~70% fine grained limonitic matrix +/- hydrozincite with 30% subrounded to subangular silicious siltstone clasts.
2 Breccia appears to follow bedding.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
H248563	UTM: 445124	E	UTM: 6848311	N	Sample Width:	Abundance: rare
	Elevation:	m				

Comments: 2-3 cm wide qtz / calcite vein with ~5% vugs of reddish brown limonite. Rare crystals of drk gy cubic soft sulphide (believed to be galena but a bit darker
3 than normal). Vein margin is blurred by tremolite and waxy green skarn? mineral, possibly serpentine. Assay sample contains ~25% wall rock.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
H248564	UTM: 444923	E	UTM: 6848333	N	Sample Width:	Abundance: 2 boulders
	Elevation:	m				

Comments: Extremely limonitic rock with "chunks" of quartz, possibly a vein. ~5% vugs of open space. Minor hydrozincite on weathered surface.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
H248565	UTM: 445313	E	UTM: 6848656	N	Sample Width: 26 cm	Abundance:
	Elevation:	m				

Comments: Heavily limonite altered siliceous siltstone with minor disseminated Py +/- Gal. Hydrozincite stain on weatered surface.
18 chip

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
H248566	UTM: 445313	E	UTM: 6848656	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: Heavily limonite altered siliceous siltstone with minor disseminated Py +/- Gal. Hydrozincite stain on weatered surface.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
H248567	UTM: 444955	E	UTM: 6848154	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: Heavily limonitic weathered breccia? ~10% pore space. Contains ~10% massive cpy and has malacite stain elsewhere on the surface. Rock is
543B unusually heavy. Limonite is med brown and also has extensive Mn stain.

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

AFFIDAVIT

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

That to the best of my knowledge the attached Statement of Expenditures for exploration work on the Jake 1-16 mineral claims on Claim Sheet 105G/16 is accurate.

Joan Mariacher

Sworn before me at Vancouver, B.C.

this 8th day of January 2010.

Barrister & Solicitor

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

Statement of Expenditures
Jake 1-16 Mineral Claims
November 10, 2009

Labour

D. Gregory (geologist) – July 18-23 – 6 days @ $520/day	$3,276.00
S. Wu (geologist) – July 18-23 – 6 days @ $400/day	2,520.00
	5,796.00

Expenses

Field room and board – 12 days @ $125/day	1,575.00
Kluane Airways Ltd. – 1.2 hrs @ $995/hr plus fuel	1,447.74
ALS Chemex	518.86
	3,541.60

Total	$9,337.60

37 samples taken = $252.37/sample

Claim #	# of Soil Samples	# of Rock Samples
Jake 3	14	3
5	5	9
6	0	1
12	2	0
14	1	2
TOTAL	**22**	**15**

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

INVOICE NUMBER 1958999

BILLING INFORMATION

Certificate:	**VO09088245**
Sample Type:	**Soil**
Account:	**MTT**
Date:	**10-SEP-2009**
Project:	JAKE (FIN)
P.O. No.:	
Quote:	ALSC-CW09-032-F-R1
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE	DESCRIPTION	UNIT PRICE	TOTAL
22	PREP-41	Dry, Sieve (180 um) Soil	0.96	21.12
4.10	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.80	7.38
22	ME-ICP41	35 Element Aqua Regia ICP-AES	4.72	103.84
22	GEO-AR01	Aqua regia digestion	2.35	51.70

SUBTOTAL (CAD)	$	184.04
R100938885 GST	$	9.20
TOTAL PAYABLE (CAD)	**$**	**193.24**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
ALS Chemex
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

INVOICE NUMBER 1952811

BILLING INFORMATION

Certificate:	VO09088246
Sample Type:	Rock
Account:	MTT
Date:	14-SEP-2009
Project:	JAKE (FIN)
P.O. No.:	
Quote:	
Terms:	Net 30 Days C1
Comments:	

QUANTITY	ANALYSED FOR CODE	- DESCRIPTION	UNIT PRICE	TOTAL
15	PREP-32	Crush, Split, Pulv 1.5 kg	8.08	121.20
17.36	PREP-32	Weight Charge (kg) - Crush, Split, Pulv 1.5 kg	0.52	9.02
15	ME-ICP41	35 Element Aqua Regia ICP-AES	4.72	70.80
3	Ag-OG46	Ore Grade Ag - Aqua Regia	1.58	4.74
5	ME-OG46	Ore Grade Elements - AquaRegia	1.58	7.90
1	Zn-OG46	Ore Grade Zn - Aqua Regia	1.58	1.58
2	Cu-OG46	Ore Grade Cu - Aqua Regia	1.58	3.16
2	Pb-OG46	Ore Grade Pb - Aqua Regia	1.58	3.16
15	GEO-AR01	Aqua regia digestion	2.35	35.25
5	ASY-AR01	Assay Aqua Regia Digestion	3.92	19.60
1	Pb-VOL70	Pb by Titration	33.70	33.70

SUBTOTAL (CAD)	$	310.11
R100938885 GST	$	15.51
TOTAL PAYABLE (CAD)	**$**	**325.62**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
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Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
ALS Chemex
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

KLUANE AIRWAYS LTD.
BOX 31489
WHITEHORSE, YUKON Y1A 6K8

Archer Cathro & Assoc
CHARTERER

INVOICE DATE	
07 18 09	
AIRCRAFT TYPE	REGISTRATION
H500	FYEA

No 5904

BILLING ADDRESS

PHONE:

DAWS CAMP

FROM McEwan	MILES	HOURS	REMARKS/PASSENGER/CARGO
TO CAMP 4			Move DAW
CAMP 5 x 3			& Selina to
McEwan			New CAMP
			DROP RECORDERS
			Pick up Samples

SPECIAL INSTRUCTIONS	1.2 @ 995 PER HOUR	1194.00
	@ PER MILE	
	WAITING TIME @ / HR	
Johnson NA03	FUEL 132 @ 1.40 / GAL.	184.80
	PILOT'S EXPENSES	
	OTHER	
	SUB-TOTAL	1378.80
	GST	68.94
	2% PER MONTH CHARGES ON ACCOUNTS OVER 30 DAYS TOTAL $	1447.74

CHARTERER'S SIGNATURE

PILOT'S SIGNATURE

WHITE - OFFICE
YELLOW - OFFICE COPY RECORD
PINK - CUSTOMER COPY
GOLD - BASE COPY (Stays in book.)

Eng

WILLOW PRINTERS LTD.

JAKE