

**ASSESSMENT REPORT**

describing

**094695**

**PROSPECTING**

on the:

**JACK PROPERTY**  
JACK CLAIMS 1-91

Claims are 100% owned by Yukon Zinc Corporation.

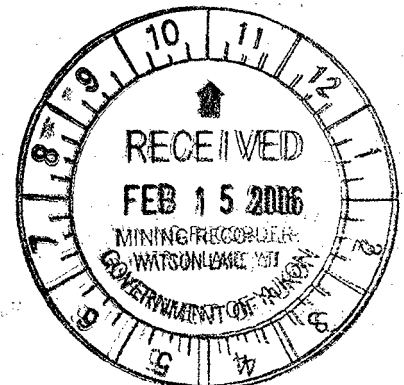
NTS Sheet 105G/9  
Latitude 61°31'N and Longitude 130°25'W

In the Watson Lake Mining District  
Yukon Territory

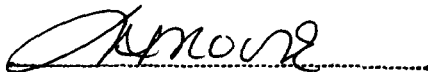
Prepared by

David Legault, B.Sc.

February 2006



Costs associated with this report have been approved in the amount of \$ 18,200.00 for assessment credit under Certificate of Work No. GL25870



A Mining Recorder  
Watson Lake Mining District

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## **1. Introduction**

The Jack property is 100% owned by Yukon Zinc Corporation (“Yukon Zinc”). The claims subject to this report (Table 1) were worked on between June 29<sup>th</sup> to July 4<sup>th</sup>, 2005 by a ten-person crew working from fly camps on the property. Prospecting and soil sampling were the primary undertakings during this time.

## **2. Accessibility, Climate and Physiography**

The Jack property is located in the Watson Lake Mining District in southeast Yukon on NTS sheet 105G/10 at coordinate: NTS Sheet 105G/09 latitude 61°31’N and longitude 130°25’W (Figure 01). Access into site is 275km by fixed wing charters from Whitehorse to Wolverine airstrip (61°01’N, 131°20’W) and then 20 km via helicopter from Wolverine airstrip to the Jack Property. In 2005, air transportation was provided by Trans North Helicopter (Astar 350B2) and Alkan Air (Single Turbo Otter).

The Jack property is located in the northern Pelly Mountains of the Yukon Plateau, north of Wolverine Lake. Elevation on the property ranges from 1000m to 1300m.

## **3. List of claims by name and grant number being renewed**

Table 1. List of claims being renewed in this assessment report.

Claim Name	Grant Number	New Expiry Date
JACK 1	YC27471	2007/11/22
JACK 2	YC27472	2007/11/22
JACK 3	YC27473	2007/11/22
JACK 4	YC27474	2007/11/22
JACK 5	YC27475	2007/11/22
JACK 6	YC27476	2007/11/22
JACK 7	YC27477	2007/11/22
JACK 8	YC27478	2007/11/22
JACK 9	YC27479	2007/11/22
JACK 10	YC27480	2007/11/22
JACK 11	YC27481	2007/11/22
JACK 12	YC27482	2007/11/22
JACK 13	YC27483	2007/11/22
JACK 14	YC27484	2007/11/22
JACK 15	YC27485	2007/11/22
JACK 16	YC27486	2007/11/22
JACK 17	YC27487	2007/11/22
JACK 18	YC27488	2007/11/22
JACK 19	YC27489	2007/11/22
JACK 20	YC27490	2007/11/22
JACK 21	YC27491	2007/11/22
JACK 22	YC27492	2007/11/22

JACK 23	YC27493	2007/11/22
JACK 24	YC27494	2007/11/22
JACK 25	YC27495	2007/11/22
JACK 26	YC27496	2007/11/22
JACK 27	YC27497	2007/11/22
JACK 28	YC27498	2007/11/22
JACK 29	YC27499	2007/11/22
JACK 30	YC27500	2007/11/22
JACK 31	YC27501	2007/11/22
JACK 32	YC27502	2007/11/22
JACK 33	YC27503	2007/11/22
JACK 34	YC27504	2007/11/22
JACK 35	YC27505	2007/11/22
JACK 36	YC27506	2007/11/22
JACK 37	YC27507	2007/11/22
JACK 38	YC27508	2007/11/22
JACK 39	YC27509	2007/11/22
JACK 40	YC27510	2007/11/22
JACK 41	YC27511	2007/11/22
JACK 42	YC27512	2007/11/22
JACK 43	YC27513	2007/11/22
JACK 44	YC27514	2007/11/22
JACK 45	YC27515	2007/11/22
JACK 46	YC27516	2007/11/22
JACK 47	YC27517	2007/11/22
JACK 48	YC27518	2007/11/22
JACK 49	YC27519	2007/11/22
JACK 50	YC27520	2007/11/22
JACK 51	YC27521	2007/11/22
JACK 52	YC27522	2007/11/22
JACK 53	YC27523	2007/11/22
JACK 54	YC27524	2007/11/22
JACK 55	YC27525	2007/11/22
JACK 56	YC27526	2007/11/22
JACK 57	YC27527	2007/11/22
JACK 58	YC27528	2007/11/22
JACK 59	YC27529	2007/11/22
JACK 60	YC27530	2007/11/22
JACK 61	YC27531	2007/11/22
JACK 62	YC27532	2007/11/22
JACK 63	YC27533	2007/11/22
JACK 64	YC27534	2007/11/22
JACK 65	YC27535	2007/11/22
JACK 66	YC27536	2007/11/22
JACK 67	YC27537	2007/11/22
JACK 68	YC27538	2007/11/22
JACK 69	YC27539	2007/11/22
JACK 70	YC27540	2007/11/22

JACK 71	YC27541	2007/11/22
JACK 72	YC27542	2007/11/22
JACK 73	YC27543	2007/11/22
JACK 74	YC27544	2007/11/22
JACK 75	YC27545	2007/11/22
JACK 76	YC27546	2007/11/22
JACK 77	YC27547	2007/11/22
JACK 78	YC27548	2007/11/22
JACK 79	YC27549	2007/11/22
JACK 80	YC27550	2007/11/22
JACK 81	YC27551	2007/11/22
JACK 82	YC27552	2007/11/22
JACK 83	YC27553	2007/11/22
JACK 84	YC27554	2007/11/22
JACK 85	YC27555	2007/11/22
JACK 86	YC27556	2007/11/22
JACK 87	YC27557	2007/11/22
JACK 88	YC27558	2007/11/22
JACK 89	YC27559	2007/11/22
JACK 90	YC27560	2007/11/22
JACK 91	YC27561	2007/11/22

#### **4. Description of Undertakings**

##### ***Prospecting and Soil Sampling***

Field crews consisted of four Geologists and six Field Assistants. Soil samples were collected by removing top soil using steel spades and sampling the unweathered material at a depth of one foot below ground surface interpreted to be the "B"-horizon. Each sample was packaged in a Kraft soil sample bag (4"x6" folded) and transported to Wolverine Camps for drying. Silt samples were collected where spring run-off was visible, in dried-out creek along mountain slopes or along tributaries of streams and rivers. They were packaged in Kraft soil sample bag. Rock samples were labeled and put in plastic sample bags.

##### **5. Results**

All soil and silt samples (383) and rock samples (6) were sent for assay at ALS-Chemex, 212 Brooksbank Avenue, North Vancouver, British Columbia, V6J 2C1. Analyses of the soil and silt samples were by a 27 element ICP-AES after a 4-acid digestion process. The rock samples were assayed similarly and were also assayed for gold. Please see Appendix D for assay certificates and figures 2 through 5 for plotted results.

## 6. Discussion and Conclusions

Soil geochemistry shows overlapping zinc and copper anomalies, as well as a lead anomaly in the southeastern quadrant of the property. The distribution of these anomalies mimics the orientation of the beds (see below) (see Figure 3 to 11).

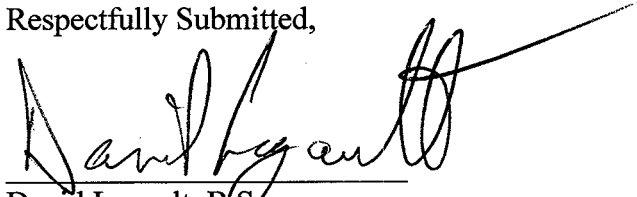
Very few outcrops were observed. Their description is as follows:

### Sedimentary rocks:

1. Fine-grained, grey to beige on weathered surface, silica-rich rocks containing up to 20% in dark micas outcropped on the westernmost part of the property. The fabric, striking west, dipping shallowly north, is defined by alignment of the micaceous minerals. Beds are parallel to the fabric.
2. Fine-grained, black, argillites occur in the central part of the property. The fabric is not well defined but beds are parallel to the orientation of the sedimentary rocks described above.

The Jack Property should be maintained in good standing and warrants further geological, geochemical, and drilling for VMS exploration.

Respectfully Submitted,



David Legault, B.Sc.  
Project Geologist

Vancouver, B.C., February 6<sup>th</sup>, 2006

## **Appendix A – List of Personal**

<b>Name</b>	<b>Position</b>	<b>Period</b>
David Legault	Geologist	June 29 to July 4, 2005
Justin Laberge	Geologist	June 29 to July 4, 2005
Matthew Jodrey	Geologist	June 29 to July 4, 2005
Lorraine Tam	Geologist	June 29 to July 4, 2005
Kyioko Nakano	Field Assistant	June 29 to July 4, 2005
Scott Blevings	Field Assistant	June 29 to July 4, 2005
Tyler Caswell	Field Assistant	June 29 to July 4, 2005
Anthony Peter	Field Assistant	June 29 to July 4, 2005
Vashti Etzel	Field Assistant	June 29 to July 4, 2005
Matthew Williams	Field Assistant	June 29 to July 4, 2005

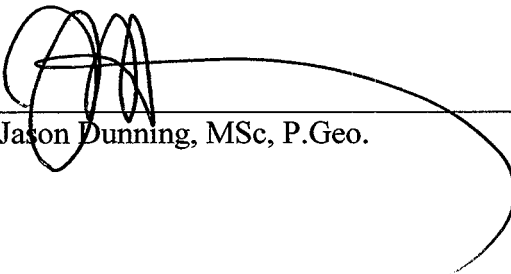
## STATEMENT OF EXPENDITURES

I, Jason Dunning, as agent for Yukon Zinc Corporation, #701-475 Howe Street, Vancouver, B.C. do solemnly declare that geological examination, prospecting, and soil geochemistry survey sampling carried out on the Jack Claims (see attached list) between the dates of June 29<sup>th</sup> and July 4<sup>th</sup>, 2005.

Assays/Geochemical Analysis	\$3878.04
Training & Safety	\$12.85
Meals & Accommodation	\$751.07
Fixed Wing	\$474.93
Helicopter	\$1350.00
Fuel	\$12.25
Wages (professional)	\$14314.70
Wages (WCB)	\$385.04
Material and Supplies – Expl.	\$1085.71
Travel Costs	\$7.34
Printing and Reproduction	\$9.73
Communications	\$90.47
Shipping & Postage	\$8.92
Writing Report	\$586.97
<b>Total</b>	<b>\$22968.04</b>

I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

Declared before me at Vancouver in the Province of British Columbia this 24<sup>th</sup> day of August 2005.

  
\_\_\_\_\_  
Jason Dunning, MSc, P.Geo.

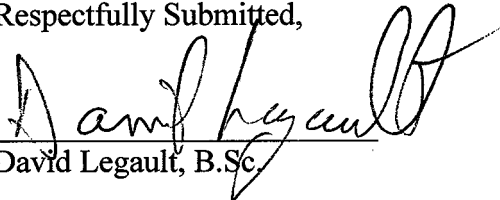
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## Appendix C – Statement of Qualifications

I, David Legault, resident of Vancouver, British Columbia, do certify that:

1. I graduated from Université du Québec À Montréal in May 2001 with a B.Sc. in Geology;
2. From 1998 to present, I have been actively engaged in mineral exploration in Québec, Ontario, and Yukon Territory and am presently employed with the Expatriate Group of Companies to which Yukon Zinc Corporation is part of;
3. I have personally participated in the logistical support during the fieldwork and analysis of data for the filed undertakings herein.

Respectfully Submitted,



David Legault, B.Sc.



# ALS Chemex

**EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

212 Brooksbank Avenue  
North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com



YUKON ZINC CORPORATION  
701-475 HOWE ST  
VANCOUVER BC V6C 2B3

Page: 1  
Finalized Date: 19-JUL-2005  
Account: MPO

## CERTIFICATE VA05057292

Project: 1611-JACK

P.O. No.:

This report is for 6 Rock samples submitted to our lab in Vancouver, BC, Canada on 12-JUL-2005.

The following have access to data associated with this certificate:

JASON DUNNING

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	27 element four acid ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: YUKON ZINC CORPORATION  
ATTN: JASON DUNNING  
701-475 HOWE ST  
VANCOUVER BC V6C 2B3

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:



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VANCOUVER BC V6C 2B3



Page: 2 - A

Total # pages: 2 (A - B)

Finalized Date: 19-JUL-2005

Account: MPO

Project: 1611-JACK

## CERTIFICATE OF ANALYSIS VA05057292

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 K %
		0.02	0.005	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	0.01
A134254		0.52	<0.005	<0.5	7.67	24	30	0.6	<2	4.55	<0.5	23	39	73	7.18	0.01
A134751		0.96	<0.005	0.8	0.98	14	1030	<0.5	<2	0.03	<0.5	<1	91	5	0.39	0.33
A134752		0.56	<0.005	<0.5	6.38	13	2470	1.9	<2	0.06	<0.5	2	70	20	0.72	2.90
A139651		0.76	0.032	<0.5	5.33	41	1330	2.5	<2	0.02	0.6	3	142	203	3.62	2.16
A139652		0.70	<0.005	<0.5	2.01	<5	880	0.8	<2	0.02	<0.5	<1	74	6	0.25	0.82
A139653		1.26	<0.005	<0.5	8.36	41	460	1.1	<2	2.14	<0.5	45	100	146	8.08	0.41



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J: YUKON ZINC CORPORATION  
 701-475 HOWE ST  
 VANCOUVER BC V6C 2B3

Page: 2 - B  
 Total # pages: 2 (A - B)  
 Finalized Date: 19-JUL-2005  
 Account: MPO

Project: 1611-JACK

**CERTIFICATE OF ANALYSIS VA05057292**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
		%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2
A134254		6.21	996	<1	2.17	76	1860	5	0.01	<5	199	0.51	244	<10	74
A134751		0.08	23	3	0.03	4	290	6	0.05	7	19	0.04	46	<10	2
A134752		0.60	33	<1	0.05	10	360	<2	0.01	<5	21	0.33	73	<10	18
A139651		0.48	36	5	0.05	27	1100	13	0.06	7	27	0.25	238	<10	177
A139652		0.20	13	<1	0.03	4	30	2	0.02	<5	6	0.09	67	<10	3
A139653		3.27	844	1	3.42	84	1770	4	0.38	<5	149	0.77	343	<10	57



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YUKON ZINC CORPORATION

701-475 HOWE ST

VANCOUVER BC V6C 2B3

Page: 1  
Finalized Date: 22-JUL-2005  
Account: MPO

## CERTIFICATE VA05057293

Project: 1611 JACK

P.O. No.:

This report is for 96 Soil samples submitted to our lab in Vancouver, BC, Canada on 12-JUL-2005.

The following have access to data associated with this certificate:

JASON DUNNING

## 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-ICP61	27 element four acid ICP-AES	ICP-AES

To: YUKON ZINC CORPORATION  
ATTN: JASON DUNNING  
701-475 HOWE ST  
VANCOUVER BC V6C 2B3

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: 



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 VANCOUVER BC V6C 2B3



Page: 2 - A  
 Total # pages: 4 (A - B)  
 Finalized Date: 22-JUL-2005  
 Account: MPO

Project: 1611 JACK

**CERTIFICATE OF ANALYSIS VA05057293**

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %
		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	0.01	0.01	0.01	
B373051		0.44	<0.5	5.47	27	1780	1.4	<2	0.99	0.7	12	157	38	2.74	1.50	1.19
B373052		0.54	<0.5	6.50	102	1710	2.4	<2	0.95	<0.5	15	119	40	3.16	1.85	0.82
B373053		0.42	<0.5	6.23	78	1840	1.6	<2	0.80	<0.5	11	122	34	2.80	1.66	0.82
B373054		0.40	<0.5	6.01	94	1300	1.6	<2	1.76	<0.5	13	93	46	2.88	1.57	0.76
B373055		0.22	<0.5	5.27	108	1320	1.5	<2	1.90	<0.5	12	105	42	3.00	1.32	0.75
B373056		0.34	<0.5	7.32	81	2050	1.9	<2	0.67	<0.5	17	112	62	4.29	2.13	1.11
B373057		0.40	<0.5	7.59	92	1940	1.9	<2	0.99	<0.5	17	91	62	4.02	2.26	1.02
B373058		0.36	<0.5	7.09	87	1920	1.8	<2	0.48	1.1	11	102	48	3.84	2.04	0.81
B373059		0.38	<0.5	7.38	86	1850	1.9	<2	0.55	0.8	16	113	58	4.29	2.02	1.02
B373060		0.30	0.5	6.72	33	1160	1.3	<2	1.17	1.8	8	43	46	2.33	1.88	0.54
B373061		0.44	<0.5	6.88	73	1840	1.8	<2	0.58	<0.5	15	99	49	3.68	2.01	0.96
B373062		0.42	<0.5	5.32	54	1060	1.2	<2	0.68	0.6	6	67	22	2.49	1.37	0.54
B373063		0.28	3.2	6.38	41	1380	1.4	<2	0.84	1.1	7	88	31	2.53	1.79	0.51
B373064		0.40	1.7	6.50	20	2350	1.9	<2	0.68	2.6	14	99	60	3.46	2.02	0.90
B373065		0.44	<0.5	6.78	19	1690	1.7	<2	1.09	0.5	20	105	58	3.75	1.92	1.32
B373066		0.34	0.6	7.50	45	1910	1.8	<2	0.76	<0.5	24	210	101	5.31	2.01	2.27
B373067		0.46	2.5	7.72	34	1640	1.6	<2	1.15	<0.5	27	219	154	5.58	1.77	2.33
B373068		0.26	0.7	4.52	13	860	1.0	<2	3.75	1.4	12	28	59	2.44	1.14	0.70
B373069		0.22	0.7	6.15	14	1120	1.1	<2	1.95	<0.5	11	53	29	3.00	1.45	0.83
B373070		0.24	1.3	2.29	<5	580	0.6	<2	4.41	<0.5	6	22	36	1.16	0.55	0.51
B373071		0.24	0.6	2.57	<5	400	0.5	<2	5.07	1.2	3	8	40	0.87	0.64	0.36
B373072		0.38	<0.5	8.56	70	2270	2.1	<2	0.25	<0.5	34	139	103	6.88	2.07	1.38
B373073		0.38	<0.5	9.03	38	2060	2.3	<2	0.99	<0.5	20	92	72	4.96	3.45	1.09
B373074		0.40	0.6	7.07	22	1640	1.6	<2	0.94	0.6	14	118	44	3.43	1.92	1.02
B373075		0.26	0.7	5.60	24	1120	1.2	<2	2.07	2.5	14	48	38	2.77	1.44	0.66
B373076		0.16	0.6	1.46	5	420	<0.5	<2	3.90	1.5	1	4	22	0.48	0.30	0.43
B373077		0.24	0.6	8.06	53	2070	2.1	<2	0.88	1.1	17	121	41	4.74	2.63	1.03
B373078		0.24	0.5	2.19	<5	420	<0.5	<2	4.31	1.6	4	6	31	0.82	0.51	0.46
B373079		0.48	<0.5	6.52	29	1820	1.6	<2	1.00	<0.5	21	124	66	4.29	1.80	1.61
B373080		0.40	0.5	6.51	30	2400	1.6	<2	0.93	<0.5	13	143	46	3.11	1.74	1.35
B373081		0.54	<0.5	5.98	18	1390	1.8	<2	1.15	0.5	13	113	32	2.63	1.82	1.06
B373082		0.20	<0.5	3.41	8	940	0.9	<2	2.65	2.0	8	54	25	1.50	0.92	0.64
B373083		0.42	<0.5	5.82	7	1400	1.4	<2	1.06	<0.5	15	140	32	2.97	1.60	1.21
B373084		0.28	0.5	4.92	28	1100	1.0	<2	2.10	<0.5	8	68	36	2.01	1.22	0.77
B373085		0.34	<0.5	7.06	428	2110	1.9	<2	1.06	<0.5	22	166	95	4.69	2.01	0.96
B373086		0.36	0.6	7.54	120	2180	2.1	<2	1.17	0.6	20	129	94	4.88	2.19	1.08
B373087		0.24	<0.5	5.67	27	1560	1.5	<2	1.33	2.6	17	102	42	3.50	1.61	1.08
B373088		0.20	0.6	2.72	<5	500	0.6	<2	3.77	0.5	3	9	30	0.88	0.61	0.42
B373089		0.34	<0.5	6.67	14	1300	1.5	<2	0.55	<0.5	6	95	13	1.67	2.16	0.47
B373090		0.24	0.5	4.34	108	1360	1.4	<2	1.26	9.4	16	123	76	5.00	1.17	0.77



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Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
		5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2
B373051		420	2	0.73	75	1220	16	<0.01	<5	149	0.42	205	<10	130
B373052		362	2	0.94	49	1560	16	<0.01	<5	118	0.37	139	<10	47
B373053		340	1	0.78	37	1380	14	<0.01	<5	121	0.35	161	<10	50
B373054		434	2	1.05	42	1340	14	0.03	<5	229	0.33	133	<10	50
B373055		560	3	0.73	43	1560	17	0.07	<5	148	0.29	132	<10	36
B373056		425	2	0.79	58	1450	25	<0.01	<5	91	0.36	200	<10	113
B373057		524	2	1.16	52	1200	23	<0.01	5	195	0.35	174	<10	112
B373058		313	3	0.78	46	570	22	0.01	<5	107	0.31	168	<10	110
B373059		456	2	0.85	60	650	21	<0.01	<5	93	0.36	184	<10	124
B373060		480	3	1.66	22	680	18	0.01	<5	342	0.25	87	<10	83
B373061		403	2	0.75	47	720	19	<0.01	<5	87	0.32	166	<10	103
B373062		291	3	0.96	26	910	18	<0.01	<5	173	0.32	161	<10	79
B373063		232	6	1.17	26	1100	16	0.01	<5	228	0.36	178	<10	90
B373064		400	7	0.72	53	1300	12	0.01	6	175	0.36	242	10	249
B373065		803	2	0.89	56	1200	10	0.02	<5	128	0.44	197	<10	87
B373066		512	3	0.80	131	1910	15	0.01	5	88	0.45	232	<10	108
B373067		590	5	0.96	112	1480	15	0.02	<5	151	0.41	250	<10	104
B373068		1185	2	0.94	32	1190	6	0.16	<5	328	0.19	65	<10	51
B373069		359	2	0.92	20	540	11	0.06	<5	227	0.40	128	<10	67
B373070		840	1	0.14	16	1040	3	0.19	<5	237	0.10	42	<10	25
B373071		715	<1	0.71	17	920	3	0.16	<5	359	0.07	17	<10	41
B373072		583	2	0.69	89	500	16	0.01	<5	80	0.44	243	10	102
B373073		930	1	0.20	49	960	13	0.04	<5	76	0.25	121	<10	106
B373074		414	4	1.00	57	980	14	0.01	<5	188	0.37	186	<10	122
B373075		3020	4	1.09	37	1580	10	0.12	<5	310	0.21	88	<10	178
B373076		715	1	0.34	19	1200	<2	0.22	<5	329	0.03	8	<10	37
B373077		808	5	0.51	57	1560	16	0.05	<5	134	0.32	210	<10	389
B373078		871	1	0.61	22	1320	4	0.36	<5	339	0.07	18	<10	69
B373079		642	1	1.01	75	1420	5	0.01	<5	112	0.49	210	<10	91
B373080		493	3	0.77	72	1000	8	0.01	<5	142	0.43	230	<10	100
B373081		297	2	0.98	49	1110	18	0.04	<5	124	0.34	140	<10	131
B373082		383	1	0.60	38	800	8	0.12	<5	172	0.20	83	<10	136
B373083		382	1	0.80	63	1000	11	0.01	<5	124	0.36	160	<10	128
B373084		443	1	1.00	42	1420	9	0.12	<5	242	0.23	89	<10	58
B373085		490	3	0.65	94	1740	16	0.03	<5	147	0.34	218	<10	77
B373086		551	4	0.81	80	1640	15	0.03	<5	130	0.35	224	<10	133
B373087		720	2	0.76	72	2060	12	0.06	<5	133	0.38	153	<10	313
B373088		233	1	0.74	24	1060	2	0.26	5	333	0.08	20	<10	28
B373089		181	2	1.03	15	350	9	0.01	<5	148	0.38	148	<10	38
B373090		1570	6	0.62	127	4500	12	0.08	<5	204	0.24	171	<10	886



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**CERTIFICATE OF ANALYSIS VA05057293**

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %
B373091		0.40	<0.5	7.14	<5	1380	2.7	<2	0.81	1.1	14	91	44	2.99	1.98	0.96
B373092		0.22	<0.5	5.30	<5	810	1.0	<2	3.00	1.0	8	16	26	1.56	1.38	0.60
B373093		0.40	<0.5	5.68	7	1250	1.8	<2	1.25	<0.5	12	109	25	2.52	1.55	1.12
B373094		0.34	<0.5	5.23	10	1280	1.5	<2	0.90	<0.5	10	104	18	2.22	1.52	0.96
B373095		0.46	<0.5	5.50	17	1180	1.5	<2	0.62	0.5	10	128	15	3.01	1.43	0.90
B373096		0.40	<0.5	5.81	19	1440	1.6	<2	0.95	<0.5	11	110	29	2.75	1.68	0.88
B373097		0.36	0.6	4.43	19	1350	1.0	<2	0.38	<0.5	6	105	17	1.90	1.32	0.45
B373098		0.32	0.9	6.20	34	1610	1.7	<2	0.52	2.7	10	103	36	3.47	1.74	0.90
B373099		0.38	<0.5	6.08	44	1660	1.8	<2	0.85	0.8	14	110	35	3.06	1.94	1.07
B373100		0.44	0.8	6.39	116	1850	1.6	<2	0.97	0.5	18	137	28	3.60	1.78	1.07
B373151		0.16	<0.5	6.28	64	1580	1.7	<2	1.12	0.6	18	106	31	3.68	1.82	1.23
B373152		0.48	<0.5	5.60	18	1300	1.6	<2	1.13	<0.5	11	95	24	2.67	1.76	1.01
B373153		0.34	0.5	5.84	14	1230	1.4	<2	0.89	0.6	6	63	25	1.61	2.06	0.57
B373154		0.22	1.6	7.17	93	1360	2.2	<2	1.47	0.7	27	97	83	4.69	1.84	0.94
B373155		0.40	<0.5	6.22	50	1060	2.3	<2	1.05	<0.5	12	85	23	2.95	2.02	0.81
B373156		0.28	<0.5	6.12	205	1980	1.6	<2	1.82	0.6	20	103	54	4.14	1.74	0.73
B373157		0.20	0.5	2.63	99	1130	0.8	<2	3.39	<0.5	17	49	63	3.82	0.62	0.38
B373158		0.34	<0.5	7.94	59	1690	1.7	<2	0.50	<0.5	18	89	29	5.12	2.04	0.77
B373159		0.28	<0.5	6.79	108	1790	1.7	<2	0.47	<0.5	10	100	20	3.75	1.76	0.66
B373160		0.44	<0.5	9.48	25	1750	2.2	<2	0.51	<0.5	18	101	34	4.36	3.36	0.89
B373161		0.42	0.6	7.09	82	2540	1.6	<2	1.02	<0.5	42	257	77	7.85	2.15	1.57
B373162		0.32	<0.5	5.57	22	1300	1.4	<2	0.91	<0.5	11	110	23	2.79	1.52	0.85
B373163		0.34	<0.5	4.92	17	1330	1.2	<2	1.46	0.9	9	89	24	2.26	1.32	0.82
B373164		0.46	<0.5	5.74	29	1300	1.4	<2	0.72	1.0	17	113	19	3.43	1.47	0.91
B373165		0.20	<0.5	4.06	19	1100	0.9	<2	1.98	1.3	8	48	19	1.98	1.19	0.69
B373166		0.40	0.5	4.80	25	1340	1.3	<2	1.70	0.6	12	113	28	2.48	1.32	1.01
B373167		0.28	<0.5	4.48	26	1240	1.1	<2	1.72	0.5	9	80	35	2.15	1.26	0.89
B373168		0.38	0.6	4.64	80	1500	1.5	<2	0.97	6.3	16	94	85	4.48	1.26	0.85
B373169		0.24	0.5	4.65	17	1320	1.2	<2	1.96	1.2	9	85	45	1.95	1.25	0.84
B373170		0.42	<0.5	4.95	55	1320	1.6	<2	0.74	<0.5	13	148	24	2.55	1.62	0.89
B373171		0.36	0.5	6.31	140	2100	1.7	<2	1.00	<0.5	17	135	63	3.64	1.66	0.91
B373176		0.36	<0.5	5.92	7	1270	1.9	<2	1.38	0.6	15	84	39	2.75	1.48	0.87
B373177		0.24	<0.5	5.65	<5	720	0.9	<2	3.17	<0.5	6	8	23	1.49	1.48	0.52
B373178		0.22	<0.5	4.01	<5	640	0.9	<2	3.23	<0.5	3	11	29	1.05	1.10	0.25
B373179		0.24	<0.5	6.65	42	1100	1.4	<2	1.78	<0.5	15	94	51	3.21	1.56	0.91
B373180		0.34	<0.5	6.48	51	980	1.1	<2	0.59	<0.5	14	116	28	3.79	1.44	0.92
B373181		0.40	0.5	5.92	41	1100	1.3	<2	1.56	0.7	15	96	52	3.09	1.53	0.92
B373182		0.40	<0.5	6.93	106	1430	1.5	<2	1.02	<0.5	18	111	43	4.26	1.93	1.16
B373183		0.26	<0.5	5.24	12	730	0.9	<2	2.99	<0.5	7	36	29	2.00	1.24	0.84
B373184		0.38	<0.5	7.19	31	1200	1.5	<2	2.06	<0.5	14	57	38	2.88	2.15	0.79



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Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
		5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2
B373091		277	3	1.91	63	1140	13	0.02	<5	84	0.34	143	<10	165
B373092		411	2	1.64	23	930	10	0.20	<5	416	0.15	38	<10	63
B373093		290	1	1.08	48	1160	21	0.03	<5	133	0.33	138	<10	108
B373094		322	2	0.97	40	1240	9	0.01	5	112	0.35	144	<10	79
B373095		346	1	0.84	46	840	14	0.01	<5	89	0.35	158	<10	92
B373096		441	2	1.01	45	1140	7	0.01	<5	168	0.31	154	<10	102
B373097		157	4	0.48	29	1060	14	0.02	8	92	0.28	240	<10	87
B373098		254	4	0.66	67	2240	17	0.07	5	128	0.28	209	<10	232
B373099		532	3	0.71	64	1230	18	0.02	<5	120	0.33	176	<10	164
B373100		1540	4	0.69	54	1500	25	0.04	<5	149	0.36	181	<10	124
B373151		524	3	0.78	50	1410	15	0.04	<5	132	0.37	172	<10	168
B373152		427	1	0.89	40	1080	15	0.02	<5	119	0.35	130	<10	99
B373153		345	1	1.27	21	520	11	0.01	<5	209	0.25	86	<10	57
B373154		619	3	0.55	90	1320	138	0.11	<5	172	0.23	131	<10	170
B373155		567	1	1.03	36	800	41	0.03	<5	152	0.29	91	<10	106
B373156		891	3	0.55	48	1520	20	0.09	<5	162	0.29	140	10	55
B373157		879	3	0.29	58	1560	9	0.21	<5	170	0.14	65	<10	17
B373158		529	2	0.99	35	700	16	0.01	<5	142	0.45	153	<10	94
B373159		229	2	0.69	34	310	24	0.01	<5	102	0.35	158	<10	73
B373160		476	2	0.44	42	850	9	0.01	<5	104	0.28	111	<10	77
B373161		927	2	0.75	118	1390	8	0.04	<5	72	0.43	247	<10	78
B373162		438	3	0.90	39	930	11	0.02	<5	124	0.31	136	<10	77
B373163		323	2	0.68	42	1170	12	0.07	<5	145	0.31	131	<10	102
B373164		701	3	0.73	46	950	15	0.01	<5	111	0.39	155	<10	279
B373165		1355	2	0.76	22	1180	4	0.15	<5	213	0.20	67	<10	82
B373166		457	2	0.74	54	1240	12	0.08	<5	189	0.28	137	<10	92
B373167		666	<1	0.72	43	1010	10	0.11	<5	167	0.27	114	<10	99
B373168		575	8	0.64	99	4900	17	0.19	6	170	0.27	182	<10	519
B373169		316	2	0.71	57	1430	16	0.15	<5	208	0.25	120	<10	110
B373170		410	2	0.63	57	1050	16	0.01	<5	111	0.36	150	<10	104
B373171		471	3	0.73	67	1690	17	0.03	<5	167	0.43	201	<10	89
B373176		1095	2	1.30	50	990	15	0.04	<5	118	0.32	128	10	122
B373177		390	1	1.86	10	780	5	0.09	<5	475	0.17	36	<10	41
B373178		236	1	1.18	13	730	6	0.12	<5	296	0.10	22	<10	30
B373179		416	1	0.73	60	840	14	0.08	<5	199	0.29	101	<10	103
B373180		293	3	0.88	52	260	8	0.01	<5	144	0.37	157	<10	69
B373181		442	3	1.00	40	880	15	0.07	<5	231	0.36	109	<10	63
B373182		482	2	0.95	50	920	14	0.06	<5	149	0.43	156	<10	93
B373183		491	1	1.42	19	920	4	0.12	<5	405	0.21	60	<10	56
B373184		625	2	1.54	28	800	12	0.06	<5	362	0.30	87	<10	71



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		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %
		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	0.01	0.01
B373185		0.38	<0.5	8.13	112	2030	1.7	<2	0.20	<0.5	15	133	38	6.34	2.27	0.99
B373186		0.26	<0.5	5.92	65	1290	1.2	<2	2.37	<0.5	16	79	39	3.13	1.54	0.74
B373187		0.42	0.8	8.24	670	2210	1.9	<2	1.35	<0.5	24	169	64	4.45	2.27	1.07
B373188		0.32	0.6	5.67	19	780	1.0	<2	2.63	<0.5	7	12	36	1.94	1.52	0.51
B373189		0.28	<0.5	6.74	28	1220	1.3	<2	2.28	<0.5	11	57	36	2.86	1.87	0.93
B373190		0.22	<0.5	3.03	11	550	0.6	<2	4.32	1.1	6	14	52	1.22	0.75	0.51
B373191		0.34	<0.5	7.67	60	1690	1.8	<2	0.83	<0.5	19	125	56	4.58	2.30	1.57
B373192		0.26	<0.5	5.25	28	1010	1.2	<2	2.99	0.8	9	54	51	2.56	1.37	0.68
B373193		0.18	<0.5	6.13	7	790	1.1	<2	2.98	<0.5	5	19	28	1.80	1.60	0.61
B373194		0.20	0.6	3.56	<5	470	0.7	<2	4.27	<0.5	4	11	40	1.11	0.89	0.48
B373195		0.34	0.5	6.13	38	1350	1.7	<2	1.70	0.5	11	105	46	2.81	1.69	0.82
B373196		0.34	<0.5	6.11	33	1470	1.5	<2	1.04	<0.5	10	88	36	3.08	1.88	0.93
B373197		0.26	<0.5	5.33	33	1180	1.4	<2	1.39	0.8	13	81	40	2.92	1.51	0.92
B373198		0.26	<0.5	5.29	15	1100	1.2	<2	2.37	0.6	9	59	44	2.23	1.30	0.74
B373199		0.36	<0.5	5.43	10	1140	1.4	<2	0.81	0.5	7	92	15	2.24	1.48	0.79
B373200		0.36	<0.5	5.11	9	800	2.3	<2	1.57	<0.5	7	147	8	2.01	1.46	0.87



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**CERTIFICATE OF ANALYSIS VA05057293**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sr ppm 1	Ti % 0.01	V ppm 1	W ppm 10	Zn ppm 2
B373185		329	3	0.78	48	890	13	0.02	<5	82	0.46	196	10	91
B373186		469	1	0.78	40	1370	12	0.09	<5	251	0.31	117	<10	95
B373187		394	2	0.85	158	700	21	0.07	<5	204	0.28	131	10	81
B373188		390	2	1.69	16	720	8	0.08	<5	451	0.17	35	<10	43
B373189		502	1	1.41	33	920	14	0.09	<5	314	0.22	84	<10	73
B373190		1025	1	0.84	26	870	7	0.17	<5	314	0.10	29	<10	34
B373191		482	2	0.76	74	1180	17	0.02	<5	90	0.36	162	<10	87
B373192		652	1	0.71	34	1060	13	0.12	<5	226	0.20	76	<10	55
B373193		361	1	1.78	14	750	9	0.08	<5	421	0.19	44	<10	47
B373194		385	1	1.05	16	880	7	0.14	<5	307	0.11	27	<10	28
B373195		383	2	0.62	54	750	20	0.06	<5	120	0.30	175	<10	77
B373196		356	2	0.79	49	1100	15	0.02	<5	124	0.30	148	<10	95
B373197		481	1	0.81	53	1050	12	0.05	<5	120	0.28	135	<10	98
B373198		936	1	1.19	39	880	17	0.06	<5	263	0.25	107	<10	73
B373199		404	2	1.25	33	910	12	0.01	<5	134	0.30	194	<10	98
B373200		573	1	1.46	47	1180	15	0.04	<5	153	0.39	70	<10	73



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## CERTIFICATE VA05057294

Project: 1611-JACK

P.O. No.:

This report is for 287 Soil samples submitted to our lab in Vancouver, BC, Canada on 12-JUL-2005.

The following have access to data associated with this certificate:

JASON DUNNING

## 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-ICP61	27 element four acid ICP-AES	ICP-AES

To: YUKON ZINC CORPORATION  
ATTN: JASON DUNNING  
701-475 HOWE ST  
VANCOUVER BC V6C 2B3

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:



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**CERTIFICATE OF ANALYSIS VA05057294**

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %
		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	0.01	0.01
A083685		0.52	<0.5	5.74	14	1050	1.5	<2	1.21	0.5	9	86	23	2.10	1.28	0.84
A083686		0.58	<0.5	5.59	19	1150	1.6	<2	1.20	0.7	14	112	23	3.34	1.35	0.94
A083687		0.52	0.6	7.04	30	1620	2.4	<2	1.19	1.4	11	134	81	3.40	1.94	1.42
A083688		0.44	<0.5	4.69	62	1060	1.8	<2	0.99	9.1	27	74	63	4.42	1.25	0.79
A083689		0.46	0.6	4.06	156	930	1.6	<2	1.19	14.1	16	63	100	5.97	1.07	0.62
A083690		0.50	0.5	5.84	43	1450	1.8	<2	1.22	0.9	10	109	35	3.19	1.77	1.10
A083691		0.42	<0.5	5.30	30	1240	1.3	<2	1.41	0.5	11	123	24	2.67	1.47	0.92
A083692		0.56	<0.5	6.48	59	1610	1.8	<2	1.16	0.7	11	109	46	3.10	1.74	0.91
A083693		0.46	<0.5	6.09	64	1450	1.6	<2	1.45	<0.5	12	148	35	3.21	1.64	1.08
A083694		0.40	0.5	7.29	71	1740	1.7	<2	1.44	<0.5	12	77	49	3.68	2.11	0.96
A083695		0.60	<0.5	7.26	68	2110	2.0	<2	0.77	0.8	17	111	63	4.09	2.32	1.13
A083696		0.44	<0.5	7.13	46	1950	1.5	<2	1.24	<0.5	6	80	10	2.68	2.00	0.88
A083697		0.38	0.8	5.38	23	1720	1.3	<2	1.75	6.6	12	80	46	2.96	1.45	0.92
A083698		0.72	0.6	5.89	33	1880	1.7	<2	0.61	1.0	8	92	38	3.21	1.79	0.73
A083699		0.44	1.9	3.29	163	2160	1.1	<2	1.21	6.2	43	56	40	8.01	0.91	0.48
A083700		0.58	<0.5	6.52	59	1330	1.5	<2	0.60	1.2	15	101	36	4.69	1.82	1.05
A139076		0.62	<0.5	5.39	25	1320	1.4	<2	0.79	<0.5	9	82	25	2.64	1.67	0.91
A139077		0.60	<0.5	5.18	14	1270	1.6	<2	1.81	0.7	9	87	25	2.55	1.38	0.90
A139078		0.58	<0.5	5.89	25	1340	1.6	<2	0.73	<0.5	9	95	21	3.39	1.51	0.95
A139079		0.46	1.1	5.25	27	1160	1.5	<2	0.60	4.2	19	96	40	2.90	1.49	0.68
A139080		0.42	<0.5	6.21	59	1220	1.3	<2	2.03	<0.5	18	152	56	4.04	1.47	1.71
A139081		0.52	<0.5	8.20	106	1750	1.8	<2	0.88	<0.5	38	117	189	8.08	2.22	2.08
A139082		0.50	<0.5	8.12	48	1090	2.1	<2	1.90	<0.5	36	37	230	7.70	0.81	1.58
A139083		0.34	0.8	4.94	202	2170	1.9	<2	0.95	12.3	18	78	216	7.46	1.34	0.59
A139084		0.56	0.5	5.66	37	1340	2.0	<2	1.11	<0.5	9	113	29	3.23	1.62	1.00
A139085		0.56	0.6	5.41	31	2010	1.4	<2	1.46	2.2	17	98	46	3.09	1.44	0.84
A139100		0.30	<0.5	6.69	18	1870	1.8	<2	1.47	0.8	12	98	65	2.64	2.35	1.12
A139128		0.30	<0.5	6.74	<5	790	1.0	<2	2.17	<0.5	4	4	23	1.44	1.90	0.48
A139129		0.24	<0.5	7.09	<5	860	1.1	<2	2.25	<0.5	4	4	23	1.56	2.04	0.55
A139130		0.60	0.5	6.41	25	1750	1.5	<2	1.39	<0.5	25	205	112	4.64	1.30	2.49
A139131		0.40	0.5	6.68	14	2060	1.1	<2	1.85	0.5	34	338	215	5.67	1.32	3.06
A139132		0.24	<0.5	5.02	10	1220	1.0	<2	3.18	0.5	15	164	160	3.07	1.10	1.58
A139133		0.28	<0.5	6.81	8	3010	1.4	<2	2.05	<0.5	28	186	62	5.23	2.06	1.36
A139134		0.38	0.8	7.09	33	4570	1.7	<2	0.85	1.7	45	598	88	6.97	2.58	1.13
A139135		0.22	<0.5	5.54	7	1880	1.2	<2	0.92	1.5	7	205	46	1.98	1.71	0.77
A139136		0.32	<0.5	5.62	12	1940	1.1	<2	1.45	<0.5	14	203	51	3.16	1.59	1.70
A139137		0.28	<0.5	7.22	<5	800	1.1	<2	2.62	<0.5	8	11	44	1.86	1.90	0.79
A139138		0.44	<0.5	6.22	38	1480	2.1	<2	1.37	0.5	14	108	43	3.45	1.82	1.12
A139139		0.24	<0.5	4.38	45	1260	0.9	<2	1.77	1.7	7	63	38	2.97	0.97	0.84
A139140		0.60	0.5	5.72	18	1580	1.4	<2	1.17	0.9	12	97	45	3.02	1.73	1.22



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## CERTIFICATE OF ANALYSIS VA05057294

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W
	Units LOR	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		5	1	0.01	1	10	2	0.01	5	1	0.01	1	10
A083685		288	2	1.93	42	1220	11	0.03	<5	106	0.34	109	<10
A083686		773	2	1.49	50	1280	15	0.03	<5	100	0.35	138	<10
A083687		299	1	1.32	83	1050	21	0.14	<5	91	0.32	190	<10
A083688		811	3	0.90	153	2690	12	0.02	<5	148	0.26	140	<10
A083689		530	1	0.92	98	3710	18	0.05	<5	119	0.19	114	<10
A083690		449	3	0.96	62	1320	24	0.03	<5	126	0.33	186	<10
A083691		515	2	0.97	49	1060	16	0.03	<5	168	0.35	133	<10
A083692		398	1	0.76	57	1210	29	0.04	<5	134	0.34	155	<10
A083693		549	2	0.91	62	1050	17	0.03	<5	167	0.38	152	<10
A083694		541	2	1.21	39	1180	18	0.05	<5	227	0.29	156	<10
A083695		577	3	0.74	71	1200	18	0.01	<5	102	0.37	195	<10
A083696		289	1	1.32	17	770	20	0.01	<5	150	0.47	162	<10
A083697		771	2	0.74	104	2250	15	0.10	<5	198	0.30	156	<10
A083698		384	4	0.54	42	1670	17	0.03	<5	125	0.32	245	<10
A083699		1975	10	0.28	83	5330	9	0.17	8	150	0.12	196	<10
A083700		836	3	0.99	45	1860	17	0.01	<5	138	0.41	204	<10
A139076		320	2	0.74	43	770	17	0.01	<5	99	0.30	138	<10
A139077		488	1	0.98	42	1020	16	0.07	<5	144	0.29	122	<10
A139078		429	2	0.93	46	780	18	0.01	<5	100	0.32	152	<10
A139079		1465	2	0.71	51	1060	17	0.01	<5	92	0.34	148	<10
A139080		440	1	0.82	104	1120	10	0.08	<5	152	0.33	168	<10
A139081		1170	3	0.88	93	1440	17	0.01	<5	74	0.38	329	<10
A139082		1495	1	0.39	64	1520	13	0.06	<5	112	0.27	369	<10
A139083		985	27	0.45	119	>10000	15	0.18	16	347	0.20	359	<10
A139084		357	2	0.89	52	1030	22	0.05	<5	136	0.34	126	<10
A139085		921	2	0.64	67	1650	18	0.15	<5	178	0.27	220	<10
A139100		332	1	0.62	64	920	18	0.08	<5	135	0.26	164	<10
A139128		341	1	2.52	8	670	12	0.08	<5	529	0.18	30	<10
A139129		537	3	2.78	7	670	10	0.09	<5	580	0.21	34	<10
A139130		692	2	1.05	147	1030	15	0.03	5	102	0.49	253	<10
A139131		957	1	0.61	177	1260	9	0.06	<5	79	0.37	318	<10
A139132		514	1	0.82	97	860	7	0.09	<5	196	0.23	136	<10
A139133		482	1	0.57	135	1290	9	0.07	<5	116	0.37	127	<10
A139134		840	7	0.23	319	2060	15	0.04	<5	73	0.22	249	<10
A139135		134	1	0.66	62	1360	9	0.07	<5	124	0.25	150	<10
A139136		319	1	0.71	79	1360	10	0.05	<5	120	0.33	183	<10
A139137		484	2	2.72	16	840	12	0.14	<5	637	0.26	48	<10
A139138		589	1	0.91	75	1100	19	0.06	<5	135	0.34	145	<10
A139139		539	1	0.83	43	1060	10	0.16	<5	176	0.26	100	<10
A139140		620	2	0.77	66	1150	17	0.02	<5	145	0.34	175	<10



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**CERTIFICATE OF ANALYSIS VA05057294**

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %
		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	0.01	0.01
A139141		0.48	<0.5	6.58	14	1350	1.1	<2	1.87	0.7	5	47	36	2.98	1.52	0.78
A139142		0.32	0.5	6.32	12	1460	1.5	<2	1.25	1.2	9	62	49	1.94	1.86	0.69
A139143		0.40	<0.5	6.38	34	1650	1.6	<2	1.13	0.7	10	93	55	3.10	1.86	1.06
A139144		0.50	0.5	5.87	53	1610	1.6	<2	1.24	1.3	14	138	50	3.44	1.67	1.19
A139145		0.48	<0.5	5.72	33	1420	1.6	<2	1.02	<0.5	13	121	34	3.20	1.54	1.08
A139146		0.38	0.7	6.38	42	1710	1.8	<2	1.00	1.3	13	126	64	3.45	1.84	1.11
A139147		0.50	<0.5	4.42	105	1410	1.5	<2	1.04	11.7	21	98	91	6.54	1.17	0.82
A139148		0.42	<0.5	5.99	18	1570	1.5	<2	2.19	0.9	18	149	51	3.56	1.41	1.34
A139149		0.46	<0.5	5.53	15	1490	1.5	<2	1.38	0.8	15	120	39	3.04	1.36	1.04
A139150		0.22	<0.5	7.87	18	2300	2.2	<2	1.73	1.1	22	242	82	4.76	2.15	1.89
A139201		0.22	0.6	4.86	5	810	0.9	<2	2.20	1.6	4	19	27	1.46	1.23	0.49
A139202		0.30	<0.5	3.66	<5	670	0.7	<2	3.42	1.0	3	12	30	1.13	0.92	0.45
A139203		0.34	0.6	3.86	12	1190	1.1	<2	3.22	1.2	6	55	38	1.78	0.96	0.77
A139204		0.28	0.7	4.40	13	810	1.3	<2	2.99	0.5	6	33	36	1.82	1.03	0.61
A139205		0.32	<0.5	5.22	8	740	1.0	<2	3.08	0.7	5	12	22	1.48	1.30	0.54
A139206		0.36	0.7	5.93	29	1410	2.0	<2	2.06	0.6	11	72	96	4.70	1.37	0.81
A139207		0.28	1.0	5.36	<5	780	1.0	<2	2.86	<0.5	5	16	31	1.70	1.35	0.53
A139208		0.38	<0.5	5.60	11	1140	1.7	<2	2.06	0.5	7	56	22	2.14	1.47	0.74
A139209		0.34	<0.5	4.99	8	1300	1.8	<2	2.48	1.2	11	83	28	2.44	1.33	0.93
A139210		0.30	0.5	3.74	16	1180	0.9	<2	3.89	2.0	8	39	30	1.85	0.91	0.73
A139211		0.30	<0.5	3.66	10	1030	0.9	<2	3.84	2.1	6	38	36	1.32	0.87	0.68
A139212		0.44	<0.5	5.00	16	1260	1.6	<2	1.39	0.5	9	89	23	2.33	1.45	0.91
A139213		0.22	1.2	4.55	22	800	0.8	<2	3.53	1.0	7	23	20	2.06	1.14	0.65
A139214		0.42	0.5	5.85	18	1150	1.4	<2	1.89	0.6	10	59	28	2.50	1.58	0.86
A139215		0.52	<0.5	5.23	19	1190	1.5	<2	1.27	<0.5	9	89	18	2.45	1.51	0.93
A139216		0.20	<0.5	4.55	13	970	1.1	<2	2.53	1.7	6	44	38	2.47	1.12	0.70
A139217		0.54	<0.5	5.39	14	1400	1.6	<2	1.00	<0.5	12	109	29	2.64	1.62	1.02
A139218		0.38	0.5	5.12	15	1890	1.6	<2	1.31	2.2	12	100	35	2.82	1.41	0.90
A139219		0.40	<0.5	6.21	13	1480	1.6	<2	1.31	<0.5	8	98	34	2.72	1.73	1.05
A139220		0.28	0.5	5.61	<5	880	1.0	<2	2.32	<0.5	4	11	21	1.58	1.53	0.58
A139221		0.34	0.5	5.57	17	1340	1.6	<2	1.39	<0.5	9	87	28	2.54	1.55	0.96
A139222		0.54	<0.5	5.77	15	1370	1.7	<2	1.15	<0.5	10	110	22	2.91	1.69	1.05
A139223		0.32	0.6	4.56	26	1110	1.1	<2	1.87	0.8	27	50	21	2.64	1.18	0.70
A139224		0.24	<0.5	4.53	<5	550	0.7	<2	2.64	0.7	3	4	12	1.14	1.19	0.43
A139225		0.30	0.6	7.94	26	2210	2.1	<2	3.35	0.9	17	140	64	4.09	2.34	1.48
A139226		0.34	<0.5	5.23	9	1080	1.2	<2	1.86	0.6	7	55	31	1.96	1.48	0.69
A139227		0.42	<0.5	4.39	16	1140	1.3	<2	0.86	<0.5	8	91	17	2.05	1.32	0.78
A139228		0.44	<0.5	5.22	9	1190	1.4	<2	1.29	0.7	6	72	21	2.04	1.55	0.83
A139229		0.24	0.5	3.54	10	950	0.7	<2	2.33	3.3	11	22	17	1.55	0.94	0.52
A139230		0.36	<0.5	3.85	16	910	1.2	<2	1.34	0.5	9	87	26	2.09	1.10	0.79



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701-475 HOWE ST

VANCOUVER BC V6C 2B3

Project: 1611-JACK

## CERTIFICATE OF ANALYSIS VA05057294

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
	Units LOR	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2
A139141		332	2	1.84	19	1280	13	0.43	<5	348	0.25	102	<10	68
A139142		244	2	1.28	42	1340	16	0.05	<5	264	0.31	162	<10	134
A139143		305	2	0.99	49	1210	17	0.03	<5	175	0.33	184	<10	110
A139144		368	2	0.78	85	1310	20	0.05	<5	131	0.37	208	<10	121
A139145		468	2	0.97	66	1110	19	0.02	<5	114	0.37	166	<10	106
A139146		487	4	0.79	79	1220	22	0.03	5	116	0.32	214	<10	142
A139147		823	8	0.68	159	6830	15	0.03	7	219	0.25	211	<10	1140
A139148		1325	2	1.27	89	1380	18	0.08	<5	156	0.33	154	<10	193
A139149		733	2	1.24	66	1260	16	0.04	<5	128	0.31	144	<10	150
A139150		595	2	1.03	126	1420	22	0.08	<5	127	0.38	258	<10	291
A139201		378	1	1.53	17	770	9	0.07	<5	371	0.17	40	<10	53
A139202		432	1	1.11	24	950	6	0.14	<5	321	0.12	33	<10	46
A139203		685	1	0.72	41	1040	9	0.13	<5	198	0.19	89	<10	66
A139204		275	2	1.08	34	880	9	0.10	<5	261	0.16	64	<10	72
A139205		402	1	1.63	15	820	7	0.11	<5	399	0.16	41	<10	62
A139206		654	4	0.80	76	1280	15	0.09	<5	198	0.17	132	<10	173
A139207		616	1	1.63	17	950	14	0.10	<5	402	0.16	43	<10	59
A139208		532	2	1.39	24	1070	16	0.07	<5	184	0.23	93	10	71
A139209		1715	1	1.02	59	930	17	0.09	<5	158	0.27	97	<10	71
A139210		3730	4	0.95	41	1370	8	0.17	<5	275	0.17	61	<10	62
A139211		1990	2	0.97	36	1150	11	0.19	<5	248	0.17	51	<10	46
A139212		432	1	1.05	47	1050	15	0.03	<5	139	0.29	140	<10	80
A139213		878	1	1.48	19	990	9	0.17	<5	370	0.16	43	<10	52
A139214		573	2	1.50	43	820	16	0.06	<5	306	0.25	96	<10	76
A139215		357	2	1.07	39	1020	74	0.02	<5	161	0.31	128	<10	99
A139216		386	2	1.11	37	1010	10	0.17	<5	279	0.20	76	<10	77
A139217		504	1	0.94	56	1160	15	0.01	<5	112	0.32	151	<10	95
A139218		954	2	0.85	67	1310	14	0.04	<5	123	0.28	138	<10	135
A139219		386	2	1.28	51	1240	13	0.03	<5	209	0.32	148	<10	103
A139220		307	1	1.99	16	670	12	0.07	<5	465	0.19	40	<10	42
A139221		386	2	1.06	43	1100	16	0.04	<5	163	0.32	136	<10	87
A139222		397	2	0.98	48	1080	20	0.02	<5	129	0.35	140	<10	83
A139223		2810	7	1.10	34	1400	12	0.10	<5	252	0.20	80	<10	59
A139224		232	2	1.61	7	550	6	0.12	<5	476	0.14	27	<10	59
A139225		1045	3	1.38	89	1820	21	0.12	<5	322	0.36	184	<10	116
A139226		420	1	1.35	37	880	12	0.06	<5	286	0.22	83	<10	64
A139227		352	1	0.78	40	940	11	0.01	<5	99	0.30	123	<10	65
A139228		422	1	1.01	36	1040	14	0.06	<5	176	0.26	114	<10	120
A139229		5210	8	0.97	21	1420	7	0.15	<5	273	0.13	43	<10	106
A139230		515	1	0.79	49	1000	13	0.03	<5	122	0.26	103	<10	102



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 Account: MPO

Project: 1611-JACK

**CERTIFICATE OF ANALYSIS VA05057294**

Sample Description	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	
	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	0.01	0.01	
A139231	0.48	<0.5	4.38	19	1100	1.3	<2	1.36	0.5	11	98	24	2.40	1.25	0.89	
A139232	0.32	<0.5	4.57	17	1010	1.3	<2	1.23	<0.5	7	79	23	2.20	1.30	0.80	
A139233	0.38	<0.5	5.60	22	1310	1.6	<2	1.27	<0.5	8	109	33	2.81	1.57	1.00	
A139234	0.40	<0.5	4.66	15	910	1.2	<2	0.81	<0.5	7	103	11	2.40	1.26	0.74	
A139235	0.42	0.5	5.29	33	1660	1.5	<2	1.03	1.2	17	130	43	3.14	1.64	1.24	
A139236	0.16	0.9	1.54	10	790	0.5	<2	3.41	2.4	4	39	37	0.95	0.48	0.73	
A139237	0.16	0.6	1.84	19	830	0.6	<2	3.01	1.6	5	40	42	1.34	0.54	0.65	
A139238	0.56	<0.5	4.49	18	1220	1.0	<2	1.33	1.5	13	189	18	2.50	1.37	1.03	
A139239	0.40	1.3	6.29	18	1400	1.5	<2	2.03	1.2	9	81	70	2.67	1.76	1.07	
A139240	0.26	0.6	3.02	<5	720	0.5	<2	3.70	0.7	3	9	26	0.88	0.74	0.69	
A139241	0.48	<0.5	5.39	23	1170	1.3	<2	0.67	<0.5	8	126	13	2.37	1.68	0.70	
A139242	0.38	0.6	4.54	22	1040	1.2	<2	3.05	1.2	6	54	68	1.90	1.22	0.64	
A139243	0.38	1.1	5.21	26	1230	1.3	<2	2.77	0.9	9	50	74	2.11	1.35	0.76	
A139244	0.38	<0.5	6.55	80	1630	1.8	<2	1.25	0.5	15	124	33	3.63	1.77	1.13	
A139245	0.48	<0.5	5.93	56	1650	1.5	<2	1.69	0.7	15	119	36	3.26	1.56	1.02	
A139246	0.34	0.5	5.40	20	1740	1.1	<2	1.74	0.5	9	75	20	2.03	1.47	0.80	
A139247	0.60	0.9	6.58	89	1720	1.9	<2	0.82	<0.5	10	110	27	3.11	1.98	0.90	
A139248	0.48	<0.5	6.22	63	1660	1.7	<2	1.05	<0.5	17	142	39	3.71	1.69	1.27	
A139249	0.18	0.8	1.18	23	1370	<0.5	<2	4.46	3.4	2	15	19	0.53	0.19	0.52	
A139250	0.32	<0.5	5.96	48	1500	1.5	<2	1.13	<0.5	13	132	41	2.94	1.54	1.09	
A139251	0.48	<0.5	4.64	15	1020	1.5	<2	1.33	<0.5	12	164	26	2.51	1.14	0.77	
A139252	0.54	<0.5	6.04	26	1740	1.7	<2	0.94	<0.5	18	165	60	3.47	1.62	1.12	
A139253	0.50	<0.5	4.10	16	950	1.3	<2	1.11	<0.5	15	121	31	2.37	1.04	0.68	
A139254	0.34	<0.5	4.85	31	1280	1.3	<2	1.02	0.5	21	159	30	3.77	1.18	0.85	
A139255	0.62	<0.5	6.02	24	1810	1.6	<2	0.90	0.5	19	184	58	4.16	1.51	1.28	
A139256	0.50	0.5	5.75	23	1420	1.6	<2	1.38	0.8	18	145	53	3.21	1.48	1.10	
A139257	0.38	<0.5	4.58	24	1080	1.4	<2	1.23	0.5	12	101	29	2.34	1.11	0.76	
A139258	0.62	<0.5	6.51	30	1760	1.8	<2	0.94	1.1	23	208	78	4.12	1.62	1.46	
A139259	0.56	0.5	6.19	25	1620	1.8	<2	1.30	1.2	21	185	65	3.53	1.60	1.26	
A139260	0.36	<0.5	6.41	20	1760	1.7	<2	1.43	0.5	19	171	52	3.72	1.60	1.31	
A139261	0.64	<0.5	6.60	18	1820	2.0	<2	0.99	1.1	19	200	71	3.92	1.64	1.66	
A139262	0.82	<0.5	6.15	18	1530	2.0	<2	0.88	0.5	14	139	53	2.85	1.64	1.16	
A139263	0.52	<0.5	6.24	13	1390	1.8	<2	1.46	0.5	15	149	41	3.18	1.50	1.24	
A139264	0.56	<0.5	5.56	8	1130	1.9	<2	1.54	0.7	17	124	27	2.94	1.40	0.98	
A139265	0.32	<0.5	6.37	12	980	1.2	<2	2.33	<0.5	10	53	41	2.19	1.66	0.81	
A139266	0.28	<0.5	6.06	22	1400	1.7	<2	1.77	0.5	16	147	49	3.25	1.41	1.33	
A139267	0.40	<0.5	5.89	26	1420	1.7	<2	1.84	0.8	19	134	48	4.11	1.44	1.20	
A139268	0.34	<0.5	6.45	<5	1680	1.6	<2	1.89	<0.5	15	112	42	2.80	1.78	0.95	
A139269	0.36	0.5	6.40	29	1520	1.8	<2	1.94	1.3	16	101	46	3.24	1.60	1.00	
A139270	0.40	<0.5	5.78	18	930	1.7	<2	1.14	<0.5	10	68	16	2.23	1.34	0.69	



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## CERTIFICATE OF ANALYSIS VA05057294

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
Units		ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
LOR		5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2
A139231		670	2	0.85	59	1140	14	0.03	<5	128	0.31	122	<10	126
A139232		367	1	0.90	47	960	13	0.04	<5	126	0.27	112	<10	102
A139233		367	2	1.08	62	1020	16	0.03	<5	160	0.31	140	<10	105
A139234		301	1	0.98	33	450	13	0.01	<5	103	0.35	118	<10	49
A139235		936	3	0.63	105	1300	20	0.03	<5	118	0.30	188	<10	162
A139236		324	2	0.21	53	1040	9	0.23	<5	160	0.09	56	<10	128
A139237		356	2	0.23	48	1200	5	0.24	<5	153	0.10	56	<10	49
A139238		882	2	0.77	83	1030	16	0.03	<5	166	0.27	131	<10	122
A139239		391	2	1.38	92	890	14	0.06	5	332	0.21	125	<10	143
A139240		250	1	0.92	18	790	10	0.14	<5	313	0.09	26	<10	35
A139241		488	1	0.82	34	1020	17	0.01	<5	129	0.32	146	<10	91
A139242		387	1	0.84	63	1080	15	0.12	<5	210	0.20	79	<10	89
A139243		574	1	1.12	75	930	14	0.09	<5	283	0.18	73	<10	88
A139244		729	3	0.81	57	1040	26	0.03	<5	131	0.33	153	<10	115
A139245		796	3	0.75	55	1060	24	0.08	<5	142	0.32	148	<10	87
A139246		721	2	1.07	40	880	14	0.05	<5	238	0.26	108	<10	65
A139247		379	1	0.88	45	1280	19	0.01	<5	154	0.32	171	<10	91
A139248		394	3	0.69	77	1080	20	0.03	5	115	0.36	167	<10	114
A139249		2430	4	0.21	31	1160	<2	0.25	8	212	0.03	20	<10	18
A139250		304	<1	0.83	63	1060	16	0.03	<5	163	0.37	155	<10	96
A139251		444	1	0.99	52	1750	12	0.03	<5	121	0.34	133	<10	119
A139252		327	2	0.89	82	1780	13	0.01	<5	96	0.29	215	<10	156
A139253		733	1	0.92	62	1460	9	0.02	<5	100	0.27	115	<10	100
A139254		2070	1	0.87	76	1360	18	0.02	<5	95	0.23	143	<10	122
A139255		321	2	0.98	87	1470	13	0.02	<5	86	0.36	173	<10	170
A139256		683	<1	1.07	84	1780	14	0.05	<5	120	0.31	176	<10	168
A139257		372	<1	1.10	49	1300	6	0.04	<5	120	0.31	111	<10	116
A139258		1030	1	1.14	113	1480	26	0.02	<5	90	0.38	194	<10	250
A139259		639	1	1.11	100	1330	17	0.05	<5	130	0.37	173	<10	233
A139260		542	1	1.11	84	1440	14	0.08	<5	127	0.36	184	<10	202
A139261		416	1	1.28	95	1580	21	0.02	<5	97	0.39	229	<10	214
A139262		206	<1	1.39	70	1560	15	0.01	<5	94	0.34	223	<10	173
A139263		408	<1	1.30	68	1280	18	0.05	<5	132	0.33	170	<10	186
A139264		717	<1	1.19	60	1280	19	0.03	<5	119	0.38	127	<10	148
A139265		502	<1	1.94	42	830	12	0.07	<5	406	0.24	76	<10	89
A139266		568	<1	1.22	81	1310	13	0.08	<5	140	0.35	152	<10	190
A139267		1790	<1	1.07	78	1300	14	0.09	<5	141	0.38	144	<10	174
A139268		624	<1	1.00	65	1140	14	0.09	<5	184	0.29	135	<10	198
A139269		531	<1	1.17	54	1140	20	0.08	<5	188	0.31	125	<10	186
A139270		466	<1	1.77	33	860	6	0.03	<5	116	0.30	99	<10	113



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Project: 1611-JACK

## CERTIFICATE OF ANALYSIS VA05057294

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %
		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	0.01	0.01
A139271		0.66	<0.5	5.77	10	940	1.8	<2	1.37	<0.5	11	89	15	2.34	1.38	0.96
A139272		0.42	<0.5	6.00	12	2350	1.1	<2	1.31	0.6	21	178	57	3.38	0.96	2.00
A139273		0.74	<0.5	6.65	22	1360	2.1	<2	1.00	<0.5	14	102	31	2.91	1.67	0.92
A139274		0.64	<0.5	6.22	13	1260	1.8	<2	1.17	<0.5	11	99	30	2.65	1.47	0.95
A139275		0.40	<0.5	6.73	21	1310	2.2	<2	1.45	0.7	13	97	32	2.52	1.70	1.06
A139276		0.56	<0.5	5.65	7	980	1.9	<2	1.16	0.6	9	69	28	1.78	1.30	0.76
A139277		0.64	<0.5	6.17	5	1260	1.9	<2	1.10	<0.5	16	88	27	3.04	1.54	0.90
A139278		0.48	0.9	6.96	31	1800	2.2	<2	1.38	0.8	15	140	64	3.23	1.91	1.37
A139279		0.58	<0.5	7.49	17	2330	2.5	<2	0.70	<0.5	9	110	46	2.10	2.37	0.82
A139280		0.16	<0.5	6.25	27	1460	1.8	<2	1.73	1.0	16	84	147	3.34	1.58	1.20
A139301		0.22	<0.5	4.34	71	1290	1.4	<2	1.18	10.5	19	118	90	3.96	1.15	0.94
A139302		0.34	0.5	5.85	29	1460	1.8	<2	1.20	<0.5	14	107	40	3.04	1.68	0.96
A139303		0.26	<0.5	5.42	59	1360	1.3	<2	1.30	<0.5	13	93	29	2.54	1.48	0.75
A139304		0.40	0.8	6.05	95	2180	1.7	<2	0.95	0.8	16	164	69	3.57	1.78	1.02
A139305		0.34	<0.5	6.16	86	1960	1.7	<2	0.97	<0.5	13	140	39	3.39	1.66	1.05
A139306		0.30	0.5	5.53	40	1740	1.3	<2	1.23	0.8	13	98	33	2.81	1.52	0.90
A139307		0.30	<0.5	5.97	32	1680	1.6	<2	1.44	1.8	12	97	48	3.32	1.82	0.92
A139308		0.48	<0.5	5.41	52	1640	1.5	<2	0.66	<0.5	14	137	38	2.82	1.60	0.99
A139309		0.26	0.8	6.43	25	1740	1.8	<2	1.59	2.8	11	108	75	2.67	1.90	0.93
A139310		0.36	<0.5	6.70	174	1760	1.8	<2	1.24	<0.5	24	147	52	4.15	1.74	1.01
A139311		0.56	<0.5	5.42	30	1760	1.6	<2	0.81	0.6	12	124	27	2.64	1.64	1.00
A139312		0.42	<0.5	5.72	16	1380	1.8	<2	0.75	0.5	12	106	24	2.46	1.86	0.86
A139313		0.34	<0.5	5.91	18	1420	1.5	<2	1.04	<0.5	10	105	31	2.56	1.72	0.88
A139314		0.34	<0.5	6.89	75	1170	2.9	<2	0.62	24.9	32	92	293	8.28	1.13	0.62
A139315		0.32	0.6	5.23	29	1880	1.5	<2	0.92	2.3	13	142	56	2.78	1.66	1.09
A139316		0.38	<0.5	5.72	65	1910	1.6	<2	0.90	0.6	11	104	41	3.46	1.66	0.89
A139317		0.24	1.8	6.61	51	2310	1.6	<2	1.13	2.3	17	129	59	3.12	1.82	0.91
A139318		0.34	1.6	5.38	26	1340	1.3	<2	1.32	1.9	13	85	53	2.84	1.49	0.86
A139319		0.16	0.6	5.47	457	1460	4.0	<2	0.97	66.0	83	25	2220	15.85	0.35	0.16
A139320		0.38	1.8	5.68	60	1830	1.4	<2	1.72	1.8	20	131	60	2.97	1.52	0.99
A139321		0.48	<0.5	5.03	64	1420	1.3	<2	0.97	<0.5	15	192	21	3.16	1.52	0.89
A139322		0.36	<0.5	5.68	67	1350	1.7	<2	1.05	<0.5	17	101	20	3.07	1.60	0.88
A139323		0.26	0.5	5.13	426	1700	4.4	2	1.11	102.5	198	32	2240	12.75	0.43	0.20
A139324		0.26	0.5	6.05	37	1690	1.7	<2	0.93	1.0	9	108	36	2.00	1.67	0.81
A139325		0.44	0.8	6.93	34	1970	1.9	<2	0.84	2.1	17	154	71	3.68	2.04	1.36
A139326		0.38	0.6	5.89	42	1460	1.7	<2	0.99	4.5	14	126	206	3.07	1.66	0.96
A139327		0.26	1.0	4.66	23	1450	1.7	<2	0.17	<0.5	2	126	56	1.07	1.82	0.51
A139328		0.36	0.8	4.63	76	880	1.4	<2	0.35	0.8	10	102	76	3.25	1.02	0.42
A139329		0.34	<0.5	6.06	53	1470	1.6	<2	0.57	<0.5	18	137	46	3.56	1.63	1.04
A139330		0.38	<0.5	4.81	36	910	1.1	<2	0.35	<0.5	6	86	13	2.13	1.08	0.58



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## CERTIFICATE OF ANALYSIS VA05057294

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
	Units LOR	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2
A139271		350	<1	1.83	50	1220	8	0.01	<5	108	0.35	117	<10	79
A139272		437	<1	1.99	95	1280	8	0.05	<5	100	0.46	137	<10	136
A139273		369	<1	1.73	51	1290	15	0.01	<5	97	0.36	137	<10	161
A139274		319	<1	1.62	49	1160	15	0.04	6	106	0.33	120	<10	132
A139275		450	<1	1.71	53	920	7	0.09	<5	108	0.31	133	<10	151
A139276		206	<1	1.82	40	1060	7	0.05	<5	102	0.29	97	<10	111
A139277		685	1	1.54	47	1120	19	0.04	<5	91	0.32	127	<10	128
A139278		460	<1	1.16	71	1100	16	0.17	<5	123	0.30	182	<10	218
A139279		192	<1	1.22	46	1380	19	0.02	5	126	0.34	243	<10	208
A139280		232	<1	1.06	61	970	12	0.16	<5	103	0.28	171	<10	139
A139301		1730	4	0.67	118	3620	13	0.08	6	174	0.27	152	<10	629
A139302		626	<1	0.73	70	1190	18	0.04	5	152	0.30	151	<10	146
A139303		879	1	0.91	42	1300	18	0.05	<5	212	0.29	120	<10	81
A139304		482	2	0.62	78	1480	20	0.03	<5	135	0.34	189	<10	115
A139305		436	1	0.66	62	1390	22	0.03	<5	126	0.35	203	<10	88
A139306		1235	3	0.88	50	1270	13	0.04	<5	209	0.31	151	<10	100
A139307		414	1	0.44	59	1060	14	0.14	<5	136	0.28	175	<10	200
A139308		484	2	0.59	81	1080	14	<0.01	<5	108	0.34	175	<10	102
A139309		387	2	0.58	53	1200	25	0.13	<5	170	0.31	249	<10	193
A139310		1040	3	0.76	68	1440	17	0.03	<5	157	0.36	175	<10	93
A139311		428	2	0.61	64	1080	17	0.01	<5	120	0.31	175	<10	107
A139312		357	1	0.80	48	1130	19	<0.01	<5	105	0.31	143	<10	107
A139313		513	1	0.93	52	1020	16	0.02	<5	196	0.28	144	<10	112
A139314		305	7	0.46	380	1640	16	0.06	<5	173	0.18	167	<10	2120
A139315		393	2	0.50	102	1380	18	0.03	<5	146	0.30	227	<10	188
A139316		264	3	0.65	50	1410	18	0.03	<5	134	0.31	194	<10	103
A139317		1655	6	0.63	67	1480	29	0.07	<5	178	0.29	261	<10	213
A139318		380	2	0.81	164	1230	12	0.07	<5	186	0.29	146	<10	1010
A139319		3840	108	0.09	274	>10000	11	0.18	33	343	0.04	487	<10	2590
A139320		1310	3	0.53	78	2050	23	0.13	<5	185	0.25	193	<10	226
A139321		450	1	0.77	55	1240	11	0.01	<5	153	0.34	142	<10	100
A139322		679	2	0.95	39	1080	18	0.01	<5	166	0.33	126	<10	87
A139323		9520	83	0.11	528	>10000	7	0.18	24	418	0.06	426	<10	4270
A139324		309	<1	0.84	44	1180	25	0.05	<5	170	0.37	172	<10	182
A139325		888	6	0.68	97	1340	18	<0.01	<5	125	0.38	247	<10	177
A139326		612	6	0.94	82	1240	15	<0.01	<5	156	0.40	229	<10	147
A139327		62	2	0.25	10	570	24	0.08	<5	105	0.27	285	<10	23
A139328		222	2	0.45	35	3170	17	0.05	<5	250	0.22	158	<10	82
A139329		586	1	0.76	67	590	15	0.01	<5	95	0.32	169	<10	72
A139330		194	1	0.81	28	440	12	<0.01	<5	70	0.35	168	<10	37



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## CERTIFICATE OF ANALYSIS VA05057294

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %
		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	0.01	0.01	0.01	
A139331		0.36	<0.5	5.98	65	1420	1.4	<2	0.48	<0.5	21	178	48	4.30	1.45	1.22
A139332		0.34	<0.5	7.43	78	1230	1.5	<2	0.23	<0.5	29	146	61	6.46	1.56	1.76
A139333		0.26	<0.5	7.41	233	780	1.3	<2	0.78	<0.5	24	124	76	5.03	1.11	1.56
A139334		0.36	<0.5	7.65	67	1420	1.9	<2	0.34	<0.5	22	160	52	5.02	1.97	1.46
A139335		0.36	<0.5	5.57	49	1100	1.2	<2	1.23	<0.5	17	134	30	3.57	1.25	1.18
A139336		0.40	<0.5	7.50	70	1320	1.7	<2	0.96	<0.5	22	125	84	5.18	2.19	1.30
A139337		0.34	<0.5	6.88	64	1570	1.7	<2	1.08	<0.5	27	123	144	5.13	2.10	1.47
A139338		0.38	<0.5	5.45	47	1140	1.3	<2	1.25	<0.5	18	111	37	3.35	1.30	1.11
A139339		0.30	<0.5	4.94	34	1210	1.4	<2	0.90	<0.5	13	114	27	2.94	1.37	0.93
A139340		0.26	<0.5	6.12	110	1410	1.7	<2	1.44	<0.5	19	145	55	3.91	1.78	1.07
A139341		0.24	0.5	5.65	67	1260	1.5	<2	1.35	<0.5	17	111	41	3.31	1.54	0.99
A139342		0.20	<0.5	4.11	38	880	1.0	<2	2.81	<0.5	10	74	48	2.04	1.12	0.78
A139343		0.40	<0.5	5.52	28	1240	1.7	<2	0.93	<0.5	12	97	23	2.63	1.66	0.86
A139344		0.44	0.8	6.06	33	1320	1.5	<2	1.07	<0.5	17	105	62	3.73	1.48	0.96
A139351		0.30	<0.5	5.57	8	1200	1.7	<2	1.39	0.7	14	110	38	2.59	1.36	1.03
A139352		0.40	<0.5	6.04	7	1310	2.0	<2	1.70	0.9	12	107	50	3.00	1.52	0.98
A139353		0.34	0.5	5.93	22	1420	1.6	<2	1.59	0.7	27	118	46	5.95	1.49	1.07
A139354		0.38	0.8	4.50	112	1540	1.6	<2	0.75	11.2	22	96	98	6.47	1.14	0.73
A139355		0.32	0.5	5.22	24	1440	1.4	<2	1.13	4.7	12	96	43	3.48	1.40	0.91
A139356		0.50	<0.5	5.51	25	1360	1.7	<2	1.02	0.9	14	114	40	2.92	1.71	1.10
A139357		0.52	<0.5	5.16	16	1120	1.7	<2	0.97	<0.5	10	103	24	2.24	1.57	0.94
A139358		0.40	<0.5	4.51	11	1260	1.2	<2	1.21	0.9	13	146	30	2.39	1.37	1.07
A139359		0.36	0.6	6.46	36	1470	1.6	<2	1.52	0.6	14	105	35	3.02	1.86	1.02
A139360		0.30	0.7	7.04	17	990	1.2	<2	2.02	0.7	7	18	28	1.92	1.97	0.54
A139361		0.36	<0.5	5.37	82	1300	1.3	<2	0.45	<0.5	9	108	22	2.96	1.42	0.56
A139362		0.38	2.7	6.70	87	1560	1.7	<2	1.63	1.6	13	93	185	3.85	1.76	0.91
A139363		0.48	1.0	4.89	133	1600	1.8	<2	0.91	14.5	17	102	122	5.75	1.26	0.85
A139364		0.40	<0.5	4.46	108	1560	1.8	<2	1.10	15.0	12	104	99	5.91	1.12	0.70
A139365		0.36	0.8	4.18	73	1110	1.7	<2	0.80	9.9	15	92	74	5.68	1.05	0.67
A139366		0.50	0.9	6.76	10	1350	1.5	<2	1.71	1.1	12	61	24	2.62	1.98	0.82
A139367		0.46	<0.5	4.79	24	1100	1.3	<2	1.16	<0.5	13	101	27	2.58	1.26	0.81
A139368		0.50	0.5	6.23	23	1520	1.5	<2	1.38	<0.5	11	91	28	2.53	1.81	0.84
A139369		0.40	0.9	4.91	30	1470	1.4	<2	2.00	0.5	7	96	69	2.17	1.36	0.82
A139370		0.40	0.7	6.89	100	1770	1.9	<2	0.54	<0.5	14	124	31	3.44	1.96	0.86
A139371		0.38	0.7	5.60	64	1500	1.4	<2	1.59	1.2	12	71	43	3.96	1.52	0.70
A139372		0.28	0.5	4.10	22	770	0.8	<2	3.12	1.4	9	29	32	1.72	1.02	0.67
A139373		0.32	<0.5	7.35	46	1480	1.8	<2	0.44	<0.5	10	83	25	3.34	2.49	0.66
A139374		0.38	0.6	6.91	50	1850	1.5	<2	0.28	<0.5	15	96	28	6.09	1.74	1.01
A139401		0.36	<0.5	7.68	46	1350	1.7	<2	0.58	<0.5	17	92	21	5.62	2.08	0.60
A139402		0.34	0.6	7.29	139	1820	1.7	<2	1.00	0.8	9	71	29	3.17	2.14	0.55



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Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
		ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2
A139331		487	1	0.67	97	580	11	<0.01	<5	71	0.27	173	<10	95
A139332		670	1	0.87	83	510	11	<0.01	<5	45	0.34	245	<10	77
A139333		558	<1	2.06	71	910	8	0.02	<5	82	0.26	167	<10	73
A139334		447	1	0.57	86	570	14	<0.01	<5	66	0.33	181	<10	97
A139335		574	1	0.75	60	610	14	0.02	<5	102	0.35	162	<10	65
A139336		655	<1	0.63	72	680	28	0.02	<5	96	0.30	210	<10	84
A139337		626	3	0.74	85	1000	17	0.03	<5	99	0.32	190	<10	94
A139338		537	1	0.88	60	620	10	0.02	<5	150	0.31	156	<10	79
A139339		406	1	0.74	51	900	8	0.01	<5	97	0.29	160	<10	71
A139340		535	2	0.66	74	1040	11	0.05	<5	106	0.30	186	<10	67
A139341		457	1	0.75	55	1230	17	0.06	9	112	0.29	160	<10	94
A139342		277	1	0.57	39	1240	4	0.14	<5	146	0.20	114	<10	70
A139343		235	2	0.77	45	1030	19	0.02	5	102	0.29	156	<10	96
A139344		582	4	0.78	53	1000	12	0.04	<5	108	0.31	156	<10	62
A139351		332	1	1.40	56	1370	20	0.05	<5	122	0.30	148	<10	163
A139352		469	1	1.22	64	1150	14	0.08	<5	134	0.31	137	<10	152
A139353		1440	3	0.89	83	1180	9	0.11	<5	156	0.31	163	<10	154
A139354		665	6	0.58	142	8310	8	0.03	<5	211	0.23	218	<10	1270
A139355		990	2	0.77	87	2470	10	0.12	<5	201	0.26	169	<10	570
A139356		479	3	0.84	74	1260	35	0.01	5	109	0.33	148	<10	113
A139357		378	2	1.10	45	1160	12	0.01	<5	106	0.32	129	<10	72
A139358		629	1	0.71	90	1240	11	0.03	5	148	0.28	136	<10	122
A139359		927	3	0.92	54	1100	18	0.05	<5	196	0.28	150	<10	116
A139360		979	3	2.33	17	1020	8	0.07	<5	508	0.21	51	<10	65
A139361		251	3	0.71	32	740	11	0.01	<5	108	0.39	166	<10	56
A139362		427	7	0.75	54	1890	20	0.08	<5	172	0.29	194	<10	116
A139363		645	7	0.65	168	7950	12	0.04	7	201	0.24	236	<10	1340
A139364		416	9	0.56	110	>10000	8	0.06	8	295	0.23	263	<10	1030
A139365		277	9	0.57	123	5010	6	0.04	7	194	0.22	208	<10	781
A139366		1215	3	1.45	32	1360	11	0.07	<5	312	0.27	103	<10	92
A139367		546	2	0.89	55	1220	7	0.03	<5	162	0.31	138	<10	166
A139368		775	4	0.90	43	1580	11	0.06	<5	174	0.29	168	<10	109
A139369		446	1	0.68	58	1540	12	0.13	<5	182	0.24	124	<10	86
A139370		367	3	0.83	58	880	15	0.01	<5	126	0.34	168	<10	114
A139371		1055	6	0.92	49	1240	11	0.12	5	234	0.24	150	<10	118
A139372		1890	2	0.91	22	1450	5	0.17	<5	371	0.16	74	<10	97
A139373		270	3	0.88	25	460	12	0.01	<5	122	0.34	167	<10	77
A139374		630	3	0.71	32	1160	22	0.01	<5	85	0.60	243	<10	111
A139401		836	2	0.88	30	570	21	0.01	<5	136	0.33	126	<10	127
A139402		533	3	1.36	21	920	20	0.01	<5	251	0.31	128	<10	91



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**CERTIFICATE OF ANALYSIS VA05057294**

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %
A139403		0.34	<0.5	8.12	117	1700	2.0	<2	0.62	<0.5	19	100	33	4.75	2.68	0.70
A139404		0.42	0.7	7.58	117	1740	1.8	<2	1.29	0.7	29	108	90	4.79	1.83	0.88
A139405		0.48	<0.5	6.55	90	1790	1.7	<2	0.95	<0.5	15	86	44	3.88	1.86	0.70
A139406		0.54	0.8	6.99	132	2030	2.1	<2	1.12	<0.5	19	101	74	4.62	2.12	0.80
A139407		0.38	0.9	6.41	170	1380	2.0	<2	2.14	<0.5	17	121	108	4.10	1.64	0.84
A139408		0.52	<0.5	6.76	166	1460	1.9	<2	1.22	<0.5	17	114	57	4.02	1.91	0.77
A139409		0.38	0.6	6.24	144	1350	2.1	2	1.29	<0.5	17	121	41	4.14	1.78	0.93
A139410		0.66	<0.5	6.53	209	1420	2.1	<2	1.02	<0.5	18	136	51	4.20	1.87	0.96
A139411		0.36	1.2	2.77	45	540	1.1	<2	4.55	<0.5	7	42	101	1.60	0.56	0.48
A139412		0.32	0.6	5.51	119	1130	1.6	<2	2.34	<0.5	16	76	75	3.48	1.40	0.77
A139413		0.34	0.9	4.76	87	1680	1.3	<2	2.58	<0.5	9	77	102	3.07	1.38	0.58
A139414		0.30	0.6	2.42	80	650	0.8	<2	4.50	<0.5	9	53	85	2.56	0.52	0.47
A139415		0.32	0.8	4.23	112	970	1.0	<2	3.54	<0.5	11	61	80	2.22	1.02	0.64
A139416		0.24	<0.5	5.80	127	870	1.3	<2	1.88	<0.5	9	43	29	2.23	1.56	0.60
A139417		0.46	<0.5	7.82	154	1410	2.5	<2	0.45	<0.5	14	104	17	3.87	2.45	0.82
A139418		0.46	<0.5	6.82	92	1180	2.3	<2	1.04	<0.5	15	110	35	3.58	2.05	1.01
A139419		0.30	0.7	7.76	303	1420	2.4	<2	1.48	<0.5	20	122	67	4.28	2.28	1.14
A139420		0.34	<0.5	6.73	123	1250	2.2	<2	1.20	0.5	13	88	31	3.23	2.15	0.86
A139421		0.54	<0.5	6.23	25	1130	2.4	<2	1.36	<0.5	11	86	25	3.20	2.08	0.93
A139422		0.22	<0.5	1.95	<5	530	0.6	<2	2.75	0.5	2	24	23	1.00	0.47	0.42
A139423		0.58	<0.5	6.03	32	1410	1.6	<2	0.92	<0.5	15	132	31	3.32	1.74	1.04
A139424		0.52	<0.5	6.29	46	1560	1.5	<2	1.08	<0.5	12	140	35	3.60	1.74	1.14
A139425		0.56	<0.5	7.25	29	1300	2.5	<2	0.55	<0.5	12	100	26	3.41	2.55	0.75
A139426		0.36	<0.5	5.01	17	1120	1.5	<2	0.49	<0.5	3	81	12	2.13	1.66	0.57
A139427		0.38	0.6	6.82	54	1320	2.1	<2	0.77	0.8	15	97	47	4.11	2.16	0.87
A139428		0.54	0.5	4.98	13	880	1.3	<2	2.87	1.2	6	29	37	1.91	1.41	0.63
A139429		0.50	<0.5	5.26	17	1060	1.2	<2	1.64	<0.5	8	65	23	2.11	1.71	0.72
A139430		0.42	<0.5	6.45	6	1310	2.2	<2	1.48	0.5	9	81	54	2.81	2.12	1.21
A139431		0.54	<0.5	4.93	25	1050	1.8	<2	0.90	<0.5	8	89	16	2.16	1.91	0.76
A139432		0.64	<0.5	5.14	54	1260	1.4	<2	1.36	1.2	13	136	27	3.35	1.42	0.95
A139433		0.30	<0.5	5.84	23	1460	1.7	<2	1.43	0.6	7	104	18	2.68	1.76	1.08
A139434		0.74	<0.5	4.97	39	1110	1.8	<2	0.88	<0.5	15	118	16	3.14	1.75	0.96
A139435		0.36	<0.5	5.25	11	1740	1.3	2	1.43	4.7	9	62	30	2.96	1.22	0.88
A139436		0.66	<0.5	5.54	19	1360	1.7	<2	1.20	<0.5	9	95	36	2.80	1.86	1.01
A139437		0.54	0.5	7.05	30	1790	2.2	<2	1.14	1.7	14	121	56	3.33	2.38	1.27
A139438		0.54	<0.5	5.61	6	1340	1.8	<2	1.26	<0.5	6	89	20	1.88	1.72	1.04
A139439		0.52	<0.5	5.86	39	1500	1.7	<2	1.20	1.0	13	127	33	4.02	1.76	1.39
A139440		0.54	<0.5	3.49	37	720	1.1	<2	10.65	5.1	12	67	27	1.85	1.04	0.77
A139578		0.22	<0.5	4.38	131	1570	1.5	<2	1.26	10.5	16	96	91	6.28	1.21	0.81
A139579		0.28	<0.5	5.05	12	1770	1.4	<2	1.12	<0.5	8	121	26	2.49	1.41	1.04



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Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
		ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2
A139403		811	2	0.63	47	540	39	0.02	<5	87	0.28	140	<10	106
A139404		1325	3	0.77	53	1060	28	0.04	<5	119	0.32	200	<10	120
A139405		540	2	0.64	39	960	28	0.03	<5	100	0.29	186	<10	76
A139406		690	3	0.62	58	1240	44	0.04	<5	108	0.28	219	<10	97
A139407		823	2	0.62	72	1320	15	0.09	<5	170	0.28	212	<10	53
A139408		499	2	0.95	62	1230	24	0.03	<5	185	0.35	254	<10	60
A139409		354	2	0.92	55	1280	16	0.04	<5	133	0.37	146	<10	38
A139410		716	2	0.90	58	1260	17	0.02	<5	140	0.34	192	<10	51
A139411		426	<1	0.30	55	1310	7	0.19	<5	154	0.10	57	<10	21
A139412		1155	2	0.92	48	1360	13	0.12	<5	229	0.24	103	<10	40
A139413		311	2	0.49	49	1240	17	0.11	<5	144	0.22	102	<10	31
A139414		839	1	0.20	53	1730	8	0.24	<5	154	0.11	65	<10	12
A139415		872	1	0.70	48	1580	7	0.16	<5	221	0.18	81	<10	25
A139416		260	1	1.25	22	950	12	0.10	<5	297	0.23	76	<10	46
A139417		658	2	0.87	40	490	20	0.01	<5	130	0.33	126	<10	83
A139418		524	1	0.99	55	920	35	0.02	<5	152	0.31	119	<10	110
A139419		662	1	0.71	80	1130	34	0.07	<5	160	0.28	155	<10	138
A139420		590	2	0.80	43	1090	22	0.05	<5	132	0.29	114	<10	110
A139421		599	1	1.06	42	860	27	0.04	<5	139	0.30	97	<10	134
A139422		246	1	0.25	23	950	4	0.17	<5	150	0.09	32	<10	41
A139423		586	1	0.83	49	720	21	0.01	<5	110	0.43	180	<10	117
A139424		638	2	0.88	57	1160	13	0.02	<5	124	0.44	172	<10	100
A139425		585	2	0.91	40	790	153	0.01	<5	94	0.31	96	<10	106
A139426		217	1	1.02	22	330	51	0.02	<5	88	0.30	94	<10	45
A139427		596	3	1.13	41	470	646	0.01	<5	150	0.44	145	10	165
A139428		644	1	1.15	32	890	14	0.12	<5	330	0.20	52	<10	69
A139429		563	1	1.28	32	1010	17	0.04	<5	233	0.27	88	<10	70
A139430		333	1	1.30	72	1020	13	0.07	<5	203	0.31	125	10	133
A139431		332	1	1.13	41	970	11	0.01	<5	112	0.31	104	<10	76
A139432		541	1	0.90	56	2000	16	0.05	<5	134	0.54	134	<10	175
A139433		394	1	0.88	44	1310	17	0.11	<5	119	0.34	140	<10	153
A139434		384	<1	0.81	48	1060	19	0.02	<5	89	0.36	134	<10	152
A139435		8070	9	1.01	92	1250	16	0.06	<5	138	0.20	88	<10	149
A139436		392	1	1.02	61	1040	13	0.03	<5	126	0.31	133	<10	114
A139437		1310	2	0.83	76	1130	29	0.05	<5	127	0.35	201	<10	217
A139438		362	<1	1.11	46	1340	20	0.08	<5	124	0.31	151	<10	140
A139439		420	3	0.85	77	1160	18	0.04	<5	126	0.34	174	<10	152
A139440		575	<1	0.74	89	1100	16	0.10	<5	408	0.20	71	<10	816
A139578		1505	9	0.62	131	6110	13	0.11	5	221	0.24	200	<10	898
A139579		271	1	0.69	60	1040	15	0.03	<5	141	0.31	173	<10	78



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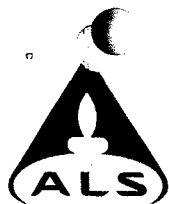
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Sample Description	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	
	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	0.01	0.01	
A139580	0.30	<0.5	5.60	19	1610	1.5	<2	0.85	<0.5	17	136	46	3.30	1.62	1.22	
A139581	0.22	<0.5	5.27	18	1190	1.3	<2	1.08	<0.5	12	101	25	2.91	1.49	0.98	
A139582	0.34	<0.5	6.02	36	1430	1.5	<2	0.83	<0.5	19	158	53	3.66	1.59	1.43	
A139583	0.32	0.6	6.70	38	1760	1.7	<2	0.76	<0.5	18	121	53	3.74	2.02	1.17	
A139584	0.30	<0.5	5.18	23	1380	1.5	<2	0.77	<0.5	11	96	38	2.57	1.58	0.85	
A139585	0.26	<0.5	5.49	22	1160	1.2	<2	0.55	<0.5	10	108	17	3.22	1.44	0.86	
A139586	0.32	<0.5	5.78	26	1440	1.6	<2	0.86	<0.5	12	105	33	2.78	1.67	1.04	
A139587	0.22	<0.5	5.84	25	1300	1.4	<2	1.67	<0.5	14	99	49	2.88	1.54	1.02	
A139588	0.40	<0.5	6.30	46	1500	1.6	<2	0.83	0.7	19	137	63	3.69	1.92	1.23	
A139589	0.26	1.0	6.46	28	1580	1.8	<2	1.56	<0.5	17	110	61	3.43	1.84	1.11	
A139590	0.32	<0.5	5.27	26	1320	1.4	<2	0.91	<0.5	13	90	42	2.77	1.58	0.95	
A139591	0.18	0.6	5.04	31	1380	1.2	<2	2.07	0.9	18	87	53	3.11	1.36	0.98	
A139592	0.20	<0.5	7.11	185	1350	1.7	<2	1.65	<0.5	24	116	86	4.25	1.72	1.38	
A139593	0.36	0.5	6.37	56	1320	1.6	<2	1.31	<0.5	18	136	43	3.77	1.68	1.33	
A139594	0.22	<0.5	6.81	33	1100	1.3	<2	2.31	<0.5	15	75	50	3.02	2.05	1.03	
A139595	0.26	0.5	6.34	63	1410	1.5	<2	1.94	<0.5	22	160	70	3.85	1.88	1.28	
A139596	0.30	0.6	6.45	53	1270	1.5	<2	1.22	0.6	20	162	70	4.07	1.39	1.38	
A139597	0.28	0.5	8.10	1285	2120	2.0	<2	1.03	<0.5	34	173	123	7.27	3.10	0.95	
A139598	0.38	0.9	5.02	54	1260	1.3	<2	2.48	<0.5	17	122	97	3.47	1.20	1.16	
A139599	0.16	<0.5	6.74	44	1160	1.3	<2	1.24	<0.5	23	171	68	4.64	1.56	2.08	
A139600	0.28	<0.5	6.43	123	1480	1.4	<2	2.25	0.5	17	91	71	3.43	1.76	0.93	
A139601	0.34	<0.5	7.28	151	1730	1.5	<2	1.26	<0.5	56	276	155	7.69	1.34	1.97	
A139602	0.32	<0.5	5.06	19	1200	1.3	<2	1.47	<0.5	11	108	34	2.80	1.38	0.91	
A139603	0.26	<0.5	4.95	18	1260	1.2	<2	1.25	<0.5	9	95	28	2.19	1.32	0.84	
A139604	0.32	<0.5	5.69	41	1360	1.4	<2	1.24	0.6	13	92	40	2.44	1.56	0.92	
A139605	0.38	<0.5	4.81	110	1360	1.4	<2	1.27	1.0	15	122	36	4.22	1.40	1.07	
A139646	0.32	1.3	5.82	48	1520	1.3	<2	2.08	2.2	18	60	32	2.53	1.50	0.72	
A139647	0.44	0.6	3.52	13	600	0.7	<2	3.05	0.5	4	21	24	1.18	0.89	0.55	
A139648	0.38	<0.5	5.22	26	1440	1.3	<2	1.38	<0.5	10	120	35	2.71	1.50	0.93	
A139879	0.34	1.5	6.77	75	1480	1.6	<2	1.10	2.5	18	96	322	3.13	1.88	0.72	
A139880	0.08	<0.5	7.65	71	1740	1.9	<2	0.99	0.6	15	84	67	3.62	2.43	0.81	
A139881	0.30	0.7	1.70	<5	520	<0.5	<2	3.21	2.8	4	15	31	0.81	0.42	0.21	
A139882	0.26	0.5	7.27	69	1520	1.8	<2	0.34	<0.5	19	108	69	5.27	2.01	1.17	
A139883	0.34	1.3	7.19	12	1040	1.2	<2	1.41	<0.5	6	29	20	2.15	2.03	0.60	
A139884	0.28	<0.5	6.72	37	2010	1.6	<2	0.36	<0.5	12	113	49	4.13	1.90	1.05	
A139885	0.30	2.0	7.30	<5	850	1.1	<2	2.11	0.5	7	9	22	1.88	2.08	0.60	
A139886	0.24	0.6	6.22	27	1500	1.5	<2	0.35	0.9	6	69	54	2.19	1.79	0.41	
A139887	0.28	2.4	6.41	6	1100	1.2	<2	1.25	<0.5	5	24	19	1.41	1.90	0.44	
A139888	0.28	4.9	5.96	46	2260	2.1	<2	0.25	1.0	9	108	50	3.93	1.64	0.52	
A139889	0.24	1.8	4.20	44	1820	1.3	<2	0.14	<0.5	4	89	24	2.23	1.28	0.37	



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Project: 1611-JACK

## CERTIFICATE OF ANALYSIS VA05057294

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
	Units LOR	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2
A139580		439	1	0.66	83	1170	20	<0.01	<5	111	0.37	196	<10	113
A139581		569	1	0.75	44	670	9	0.02	<5	130	0.34	143	<10	68
A139582		605	1	0.75	86	1160	14	<0.01	<5	106	0.39	183	<10	98
A139583		454	2	0.67	75	1100	19	<0.01	<5	109	0.33	169	<10	102
A139584		448	1	0.75	56	1040	17	<0.01	<5	123	0.36	146	<10	96
A139585		337	2	0.73	41	580	15	<0.01	<5	95	0.36	162	<10	79
A139586		344	1	0.88	61	1140	13	<0.01	<5	114	0.36	155	<10	82
A139587		204	<1	0.74	59	1020	16	0.11	<5	152	0.31	132	<10	93
A139588		523	2	0.62	89	1150	11	<0.01	<5	103	0.31	171	<10	116
A139589		573	<1	0.77	78	1120	20	0.04	<5	143	0.34	162	<10	101
A139590		598	1	0.67	56	1130	18	<0.01	<5	113	0.33	140	<10	95
A139591		1020	<1	0.72	59	1080	15	0.09	<5	172	0.27	111	<10	78
A139592		329	<1	0.73	74	1200	15	0.13	<5	170	0.31	187	<10	104
A139593		379	1	0.80	79	1200	20	0.03	<5	127	0.36	172	<10	102
A139594		518	1	1.42	50	940	11	0.05	<5	334	0.28	99	<10	72
A139595		835	1	0.52	83	1230	15	0.07	<5	128	0.32	180	<10	89
A139596		763	1	0.66	87	700	15	0.02	<5	122	0.37	201	<10	164
A139597		880	<1	0.51	69	790	23	0.02	<5	101	0.33	321	<10	54
A139598		1485	1	0.62	83	1010	12	0.11	<5	153	0.28	145	<10	59
A139599		553	1	1.25	103	1260	8	<0.01	<5	181	0.46	197	<10	89
A139600		1020	1	0.79	50	1260	13	0.08	<5	222	0.26	163	<10	142
A139601		1575	2	1.23	160	1800	12	0.04	<5	98	0.59	238	<10	127
A139602		481	1	0.75	48	740	16	0.05	<5	146	0.32	129	<10	67
A139603		340	1	0.97	42	1040	9	0.02	<5	190	0.27	130	<10	66
A139604		243	<1	0.84	45	1140	15	0.06	<5	145	0.32	144	<10	112
A139605		1820	2	0.69	76	2200	15	0.10	<5	142	0.30	138	<10	152
A139646		3660	8	1.38	45	1100	17	0.09	<5	346	0.25	84	<10	69
A139647		308	1	0.87	16	1520	5	0.34	<5	328	0.11	47	<10	50
A139648		277	2	0.68	60	1410	19	0.06	<5	160	0.33	175	<10	104
A139879		771	5	0.83	38	1320	24	0.03	<5	189	0.31	183	<10	138
A139880		574	2	0.90	58	1060	23	0.02	<5	182	0.33	182	<10	172
A139881		644	1	0.32	19	1630	4	0.21	<5	171	0.06	27	<10	120
A139882		461	2	0.64	57	840	27	<0.01	<5	110	0.48	245	<10	263
A139883		348	1	2.04	12	670	15	0.01	<5	461	0.30	89	<10	64
A139884		274	2	0.57	50	1000	15	0.01	<5	125	0.35	258	<10	98
A139885		451	2	2.59	5	680	11	0.02	<5	617	0.24	52	<10	91
A139886		189	4	0.54	27	680	20	0.01	5	140	0.34	160	<10	181
A139887		273	4	1.86	4	430	11	0.01	<5	404	0.24	93	<10	56
A139888		249	12	0.30	41	2180	19	0.05	10	126	0.26	425	<10	176
A139889		93	11	0.18	19	1470	25	0.09	8	184	0.25	374	<10	81



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**CERTIFICATE OF ANALYSIS VA05057294**

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg
		kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%
		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	0.01	0.01
A139890		0.22	8.0	4.08	49	3950	1.9	<2	0.11	<0.5	2	253	10	1.66	1.48	0.38
A139891		0.30	3.8	5.76	36	3990	2.4	<2	0.08	<0.5	2	162	23	1.79	2.27	0.52
A139892		0.26	1.9	5.14	25	1710	1.6	<2	0.35	3.2	5	91	40	2.13	1.64	0.40
A139893		0.20	1.9	7.45	17	1200	1.4	<2	1.75	2.8	10	39	48	2.77	2.02	0.67
A139894		0.46	0.9	1.34	<5	910	<0.5	<2	4.00	3.2	3	15	35	0.75	0.32	0.52
A139895		0.44	0.9	6.29	67	1580	1.5	<2	1.39	0.5	19	95	37	4.38	1.80	0.94
A139896		0.44	0.6	6.88	133	1500	2.1	<2	1.28	<0.5	17	113	36	4.03	1.89	0.91



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Project: 1611-JACK

<b>CERTIFICATE OF ANALYSIS VA05057294</b>
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Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
		ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2
A139890		49	21	0.13	9	3730	34	0.24	21	355	0.23	1110	<10	34
A139891		70	25	0.10	12	2360	38	0.24	27	271	0.30	677	<10	58
A139892		161	10	0.33	34	1080	21	0.03	8	171	0.24	375	<10	358
A139893		581	4	2.03	28	950	11	0.04	8	486	0.24	108	<10	148
A139894		464	2	0.21	52	1150	4	0.31	<5	217	0.05	32	<10	318
A139895		1400	3	0.66	37	1400	22	0.07	<5	182	0.31	192	<10	106
A139896		901	7	1.03	42	1460	15	0.05	<5	149	0.34	136	<10	73

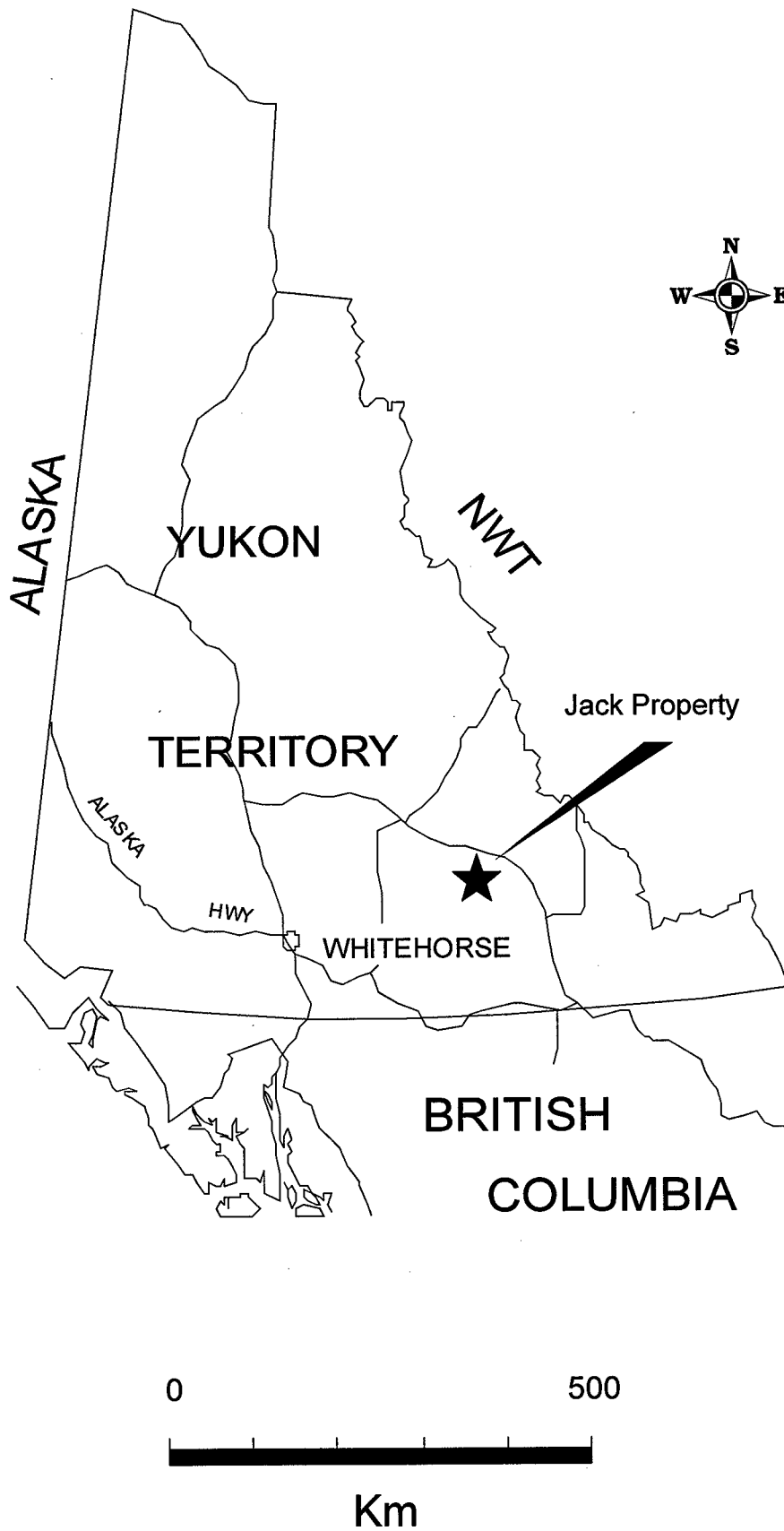
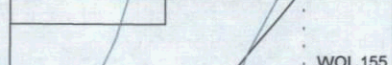
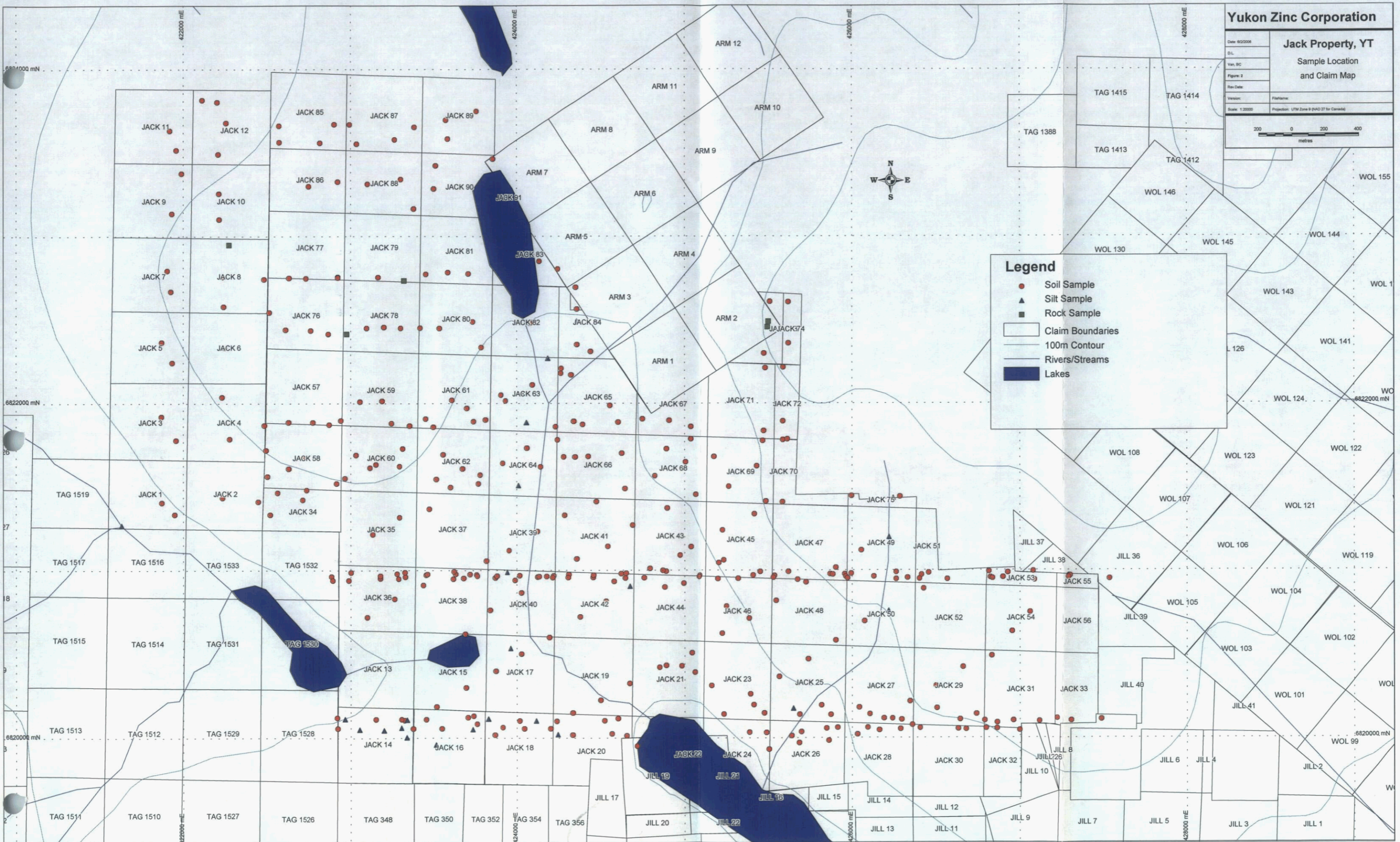


Figure 1. Location Map of the Jack Property.



**Legend**

- Soil Sample
- ▲ Silt Sample
- Rock Sample
- Claim Boundaries
- 100m Contour
- Rivers/Streams
- Lakes

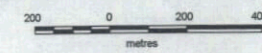


**Yukon Zinc Corporation**

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D.L.  
Ver. BC  
Figure: 3  
Rev. Date:  
Version:  
Scale: 1:20000

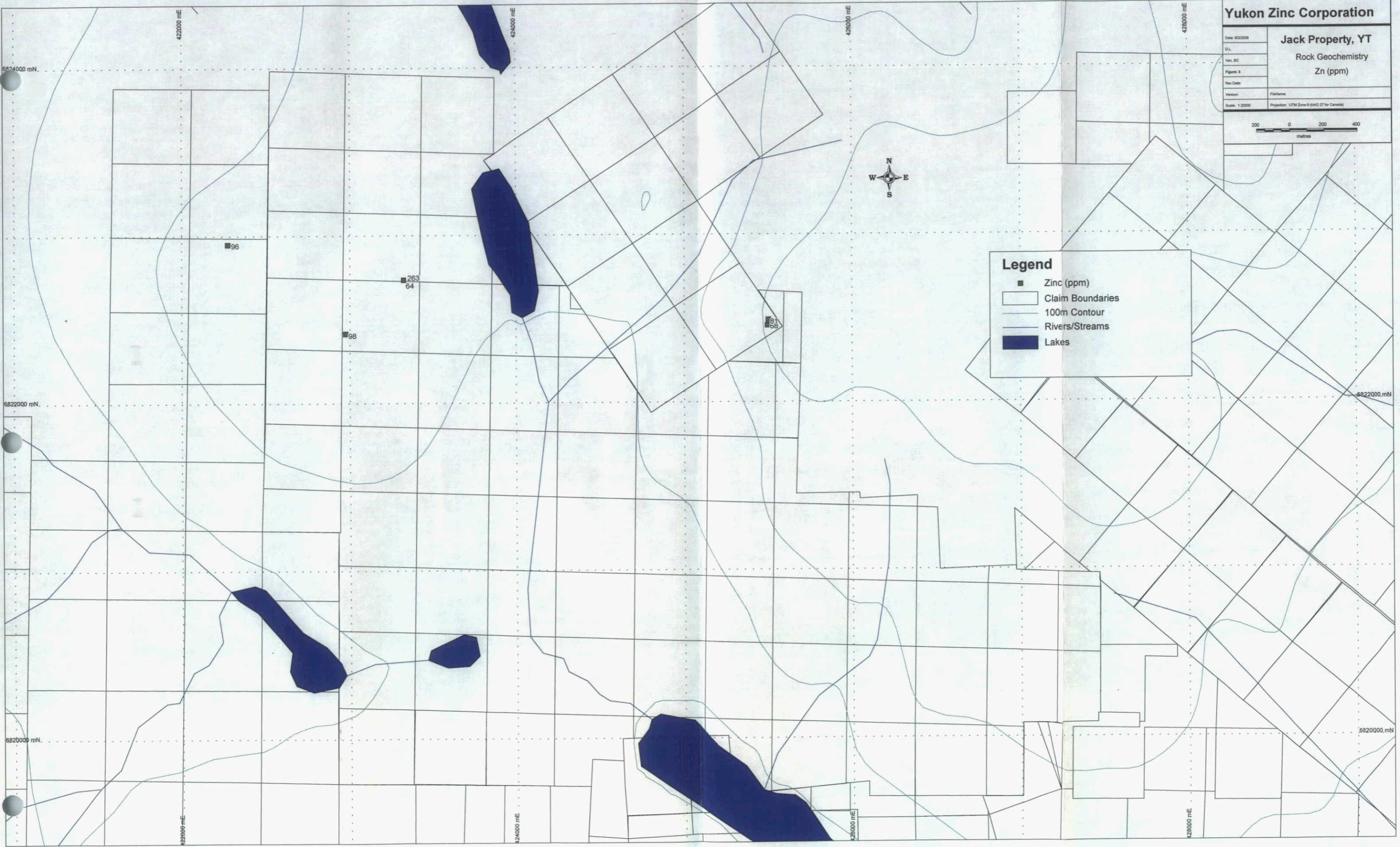
**Jack Property, YT**  
Rock Geochemistry  
Zn (ppm)

File Name:  
Projection: UTM Zone 9 (NAD 27 for Canada)



**Legend**

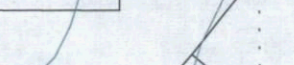
- Zinc (ppm)
- Claim Boundaries
- 100m Contour
- Rivers/Streams
- Lakes



**Yukon Zinc Corporation**

**Jack Property, YT**  
Rock Geochemistry  
Pb (ppm)

Date: 9/2/2008  
D.L.  
Var. BC  
Figure: 4  
Rev. Date:  
Version:  
Scale: 1:20000  
Projection: UTM Zone 9 (NAD 27 for Canada)



**Legend**

- Lead (ppm)
- Claim Boundaries
- 100m Contour
- Rivers/Streams
- Lakes

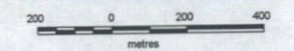


**Yukon Zinc Corporation**

Date: 03/2008  
D.L.  
Var. BC  
Figure: 5  
Rev. Date:  
Version:  
Scale: 1:20000  
Projection: UTM Zone 8 (NAD 27 for Canada)

**Jack Property, YT**

Rock Geochemistry  
Cu (ppm)



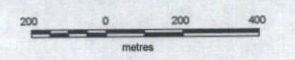
**Legend**

- Copper (ppm)
- Claim Boundaries
- 100m Contour
- Rivers/Streams
- Lakes



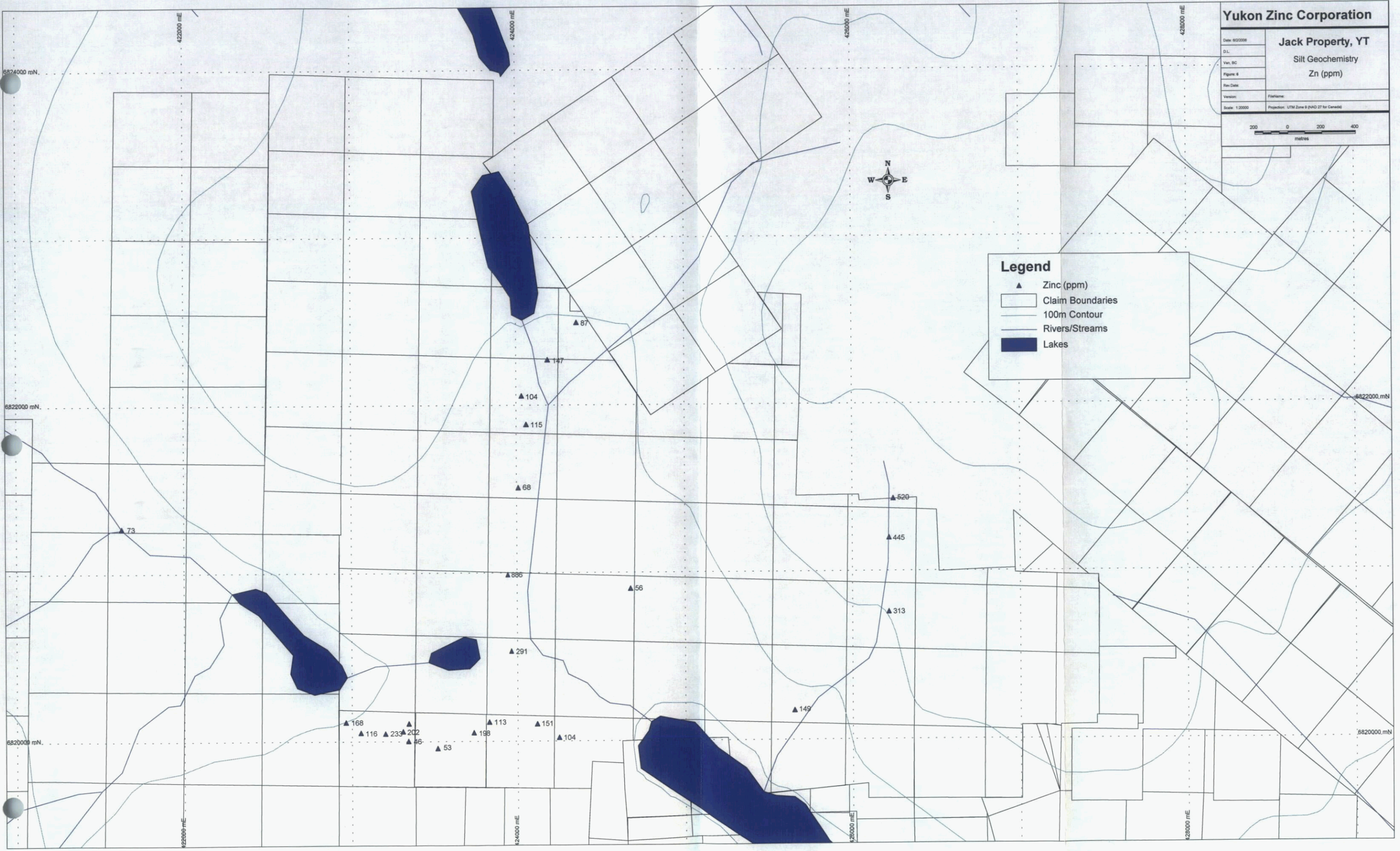
**Yukon Zinc Corporation**

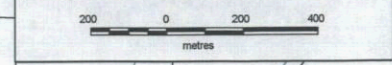
Date: 6/20/08	<b>Jack Property, YT</b>
D.L.	<b>Silt Geochemistry</b>
Var. BC	<b>Zn (ppm)</b>
Figure: 6	
Rev Date:	
Version:	Filename:
Scale: 1:20000	Projection: UTM Zone 9 (NAD 27 for Canada)



**Legend**

- ▲ Zinc (ppm)
- Claim Boundaries
- 100m Contour
- Rivers/Streams
- Lakes





**Legend**

- ▲ Lead (ppm)
- Claim Boundaries
- 100m Contour
- Rivers/Streams
- Lakes



6824000 mN  
6822000 mN  
6820000 mN

422000 mE  
420000 mE  
420000 mE

424000 mE  
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424000 mE

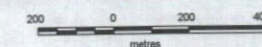
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D.L.  
Var. BC  
Figure #  
Rev Date:  
Version:

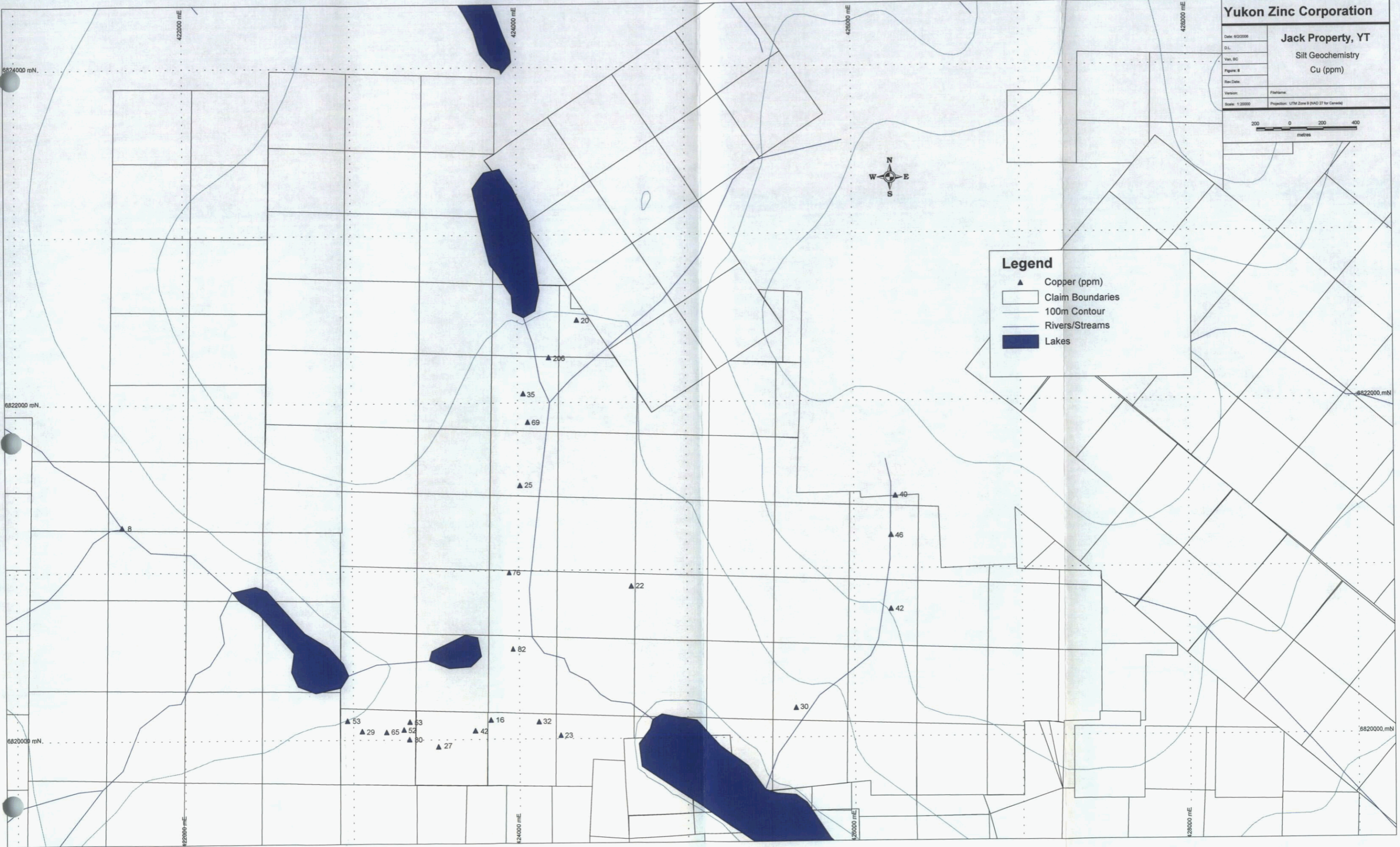
Jack Property, YT  
Silt Geochemistry  
Cu (ppm)

Scale: 1:25000  
Projection: UTM Zone 9 (NAD 83 for Canada)



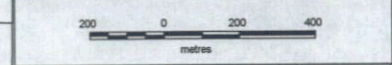
**Legend**

- ▲ Copper (ppm)
- Claim Boundaries
- 100m Contour
- Rivers/Streams
- Lakes



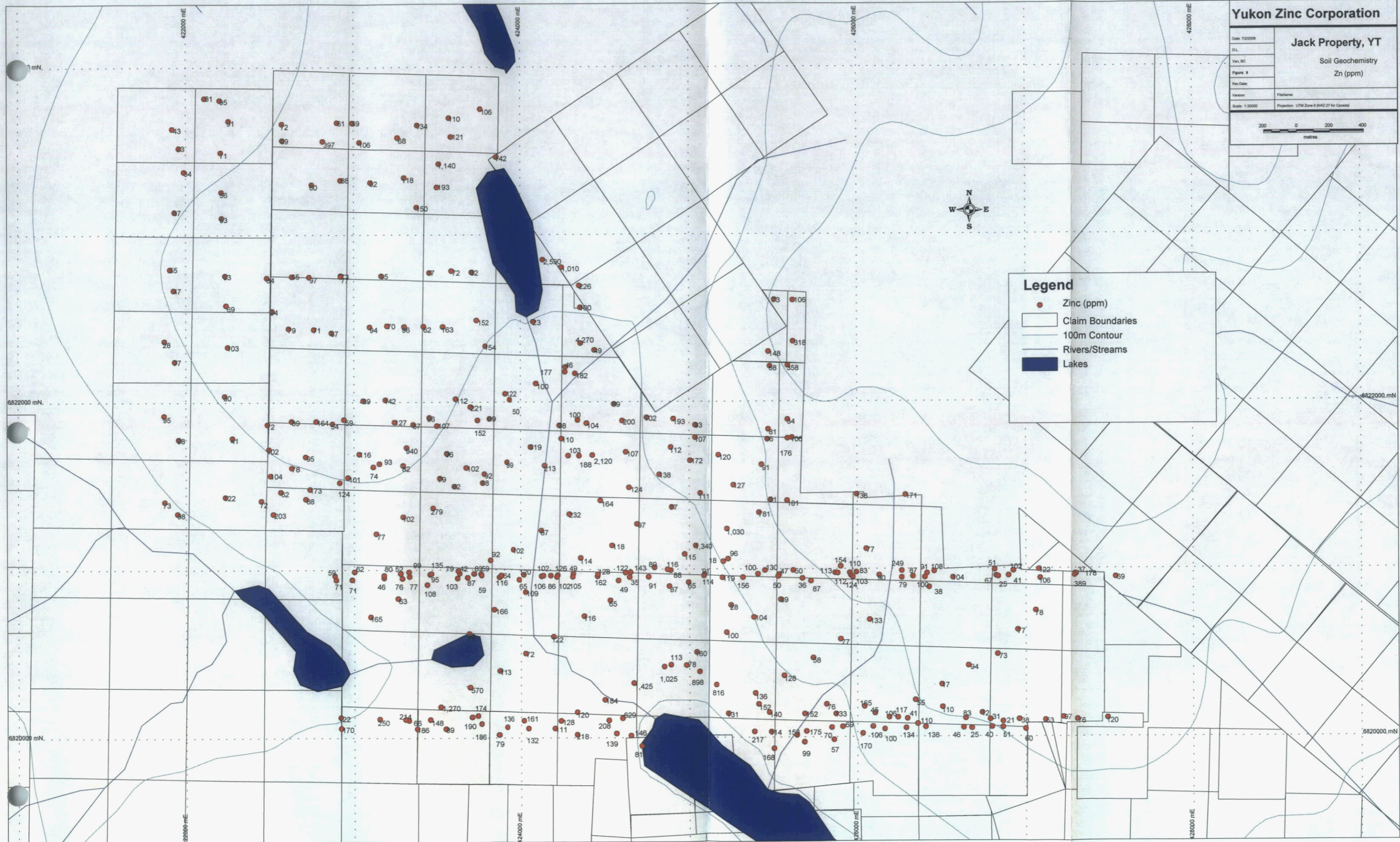
**Yukon Zinc Corporation**

**Jack Property, YT**  
Soil Geochemistry  
Zn (ppm)



**Legend**

- Zinc (ppm)
- Claim Boundaries
- 100m Contour
- Rivers/Streams
- Lakes

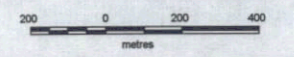


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Date: 7/2/2008  
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Rev Date:  
Version:  
Scale: 1:20000  
Projection: UTM Zone 9 (NAD 27 for Canada)

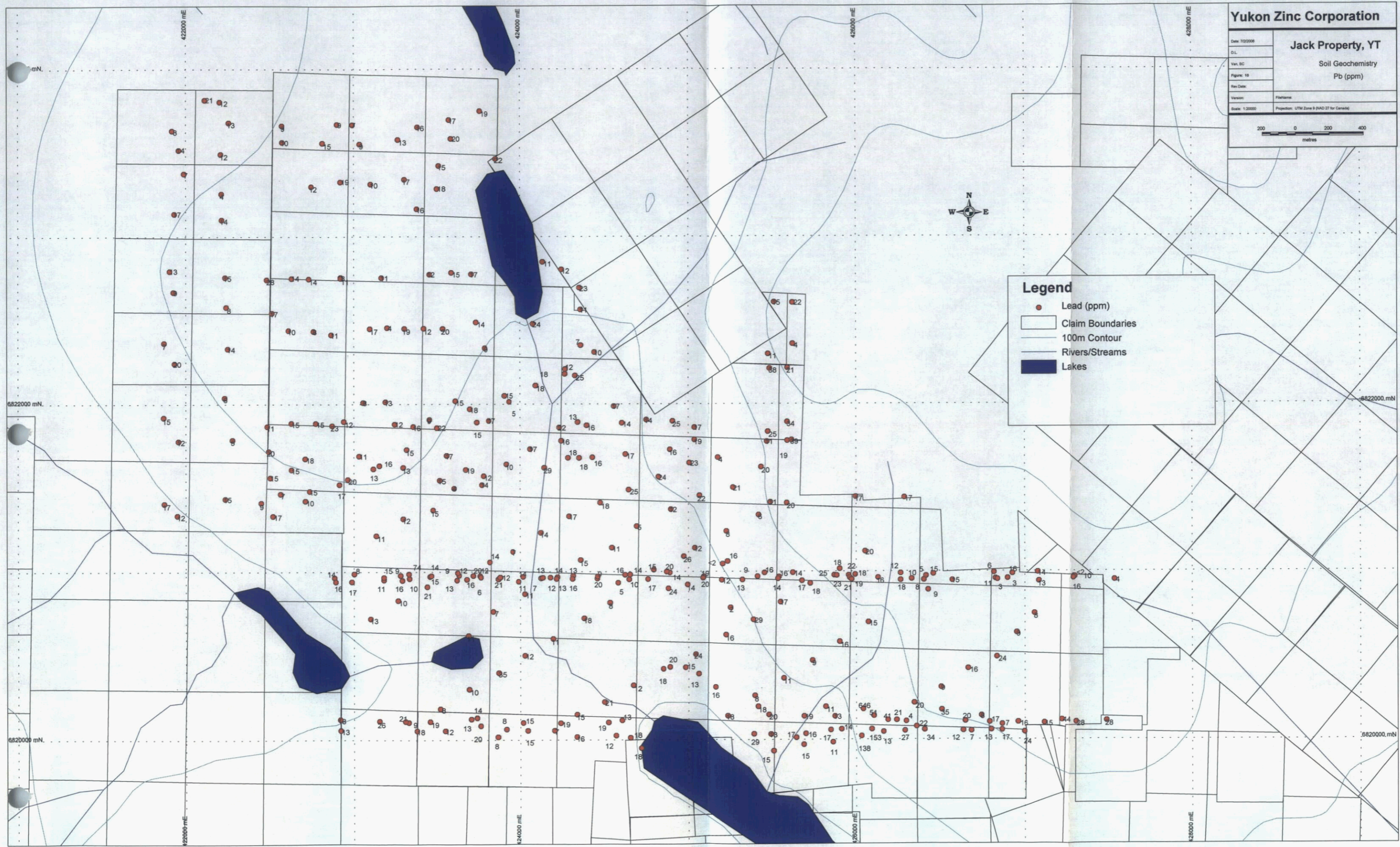
Jack Property, YT

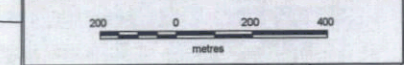
Soil Geochemistry  
Pb (ppm)



**Legend**

- Lead (ppm)
- Claim Boundaries
- 100m Contour
- Rivers/Streams
- Lakes





**Legend**

- Copper (ppm)
- Claim Boundaries
- 100m Contour
- Rivers/Streams
- Lakes

