

BC Geological Survey  
Assessment Report  
31736



**SERENGETI**  
RESOURCES INC.

**ASSESSMENT REPORT**  
**including**  
**Geochemical Soil Sampling**  
**on the**  
**VALLEAU PROPERTY**

**OMINECA MINING DIVISION,**  
**British Columbia**  
**NTS: 93N/055**  
**Latitude 55°28' N, Longitude 128°1' W**

**Prepared for:**  
**SERENGETI RESOURCES INC**  
**500-602 West Hastings Street**  
**Vancouver, BC, Canada V6B 1P2**

**By:**  
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**B.Sc. Geology,**  
**26 Oct 2010**  
**Vancouver, B.C**

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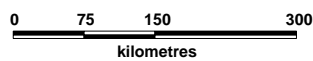
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## **(1) Introduction and Terms of Reference**

Serengeti Resources Inc. (Serengeti) acquired the Valteau claims by staking in January of 2005. The property lies in the prospective Quesnel Trough, 75 km northwest of the Mt. Milligan deposit and 18 km east of the Kwanika deposit. In order to further refine Cu+/-Au porphyry targets on the property, Serengeti financed a \$19,451 geochemical reconnaissance program (Appendix A). On August 4<sup>th</sup> and 5<sup>th</sup>, 2009, a field crew working for Serengeti visited the Valteau property and collected 138 MMI soil samples and 137 B-Horizon soil samples.

## **(2) Property Description and Location**

The Valteau property is 100% owned by Serengeti Resources Inc. It is located in the Omineca Mining Division of north-central British Columbia, Canada, 130 km NNW of Fort St James, at 55° 28' north latitude and 125° 1' west longitude (Figure 1). The 13 contiguous mineral claims which comprise the Valteau property cover an area of 5171 hectares (Figure 2). Additional information regarding the individual claims can be referenced in Table 1.

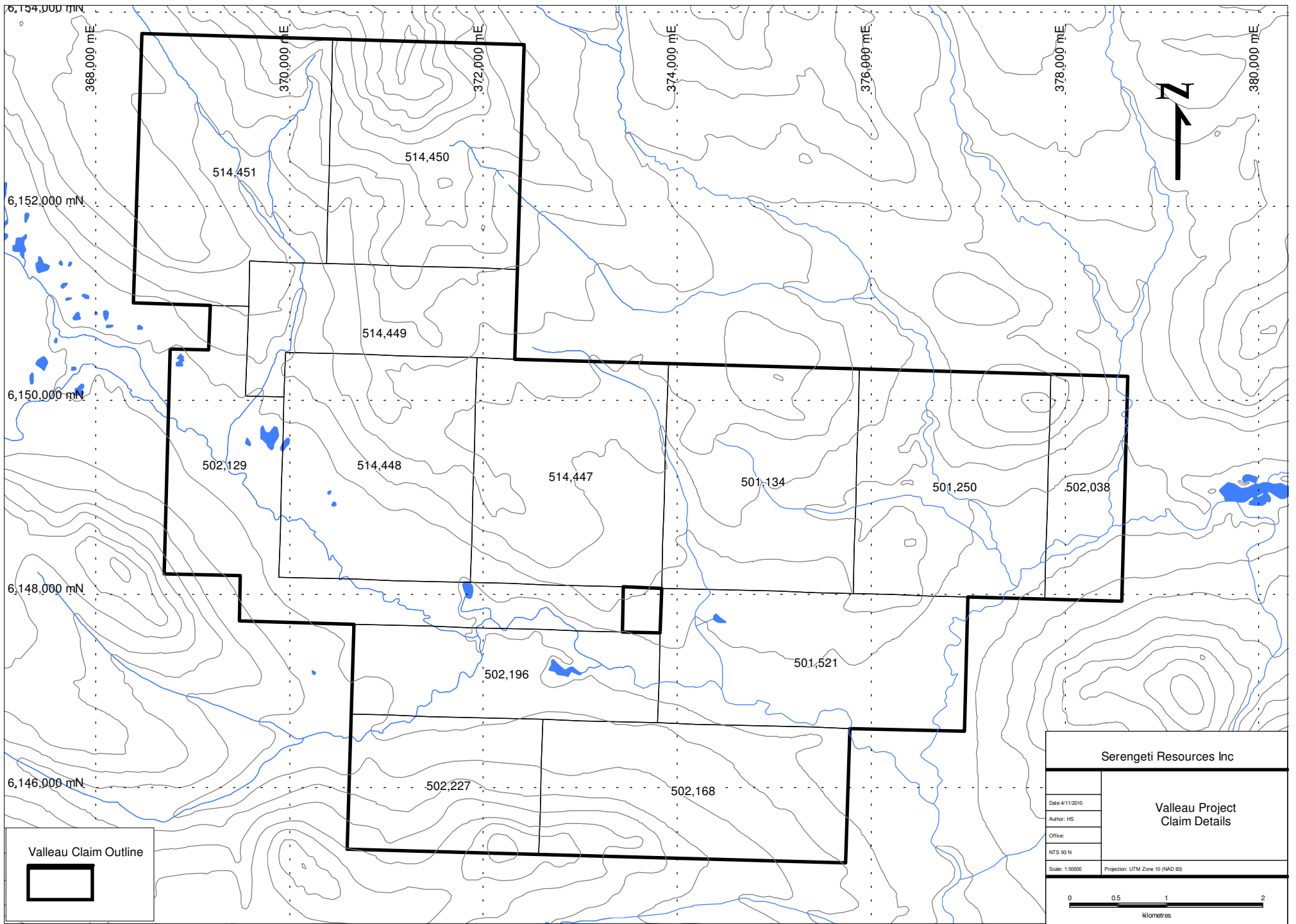


SERENGETI RESOURCES INC.

VALLEAU PROPERTY

Location Map

Date	Jan 27, 2006	Scale	1:8,000,000	Plate	1
Projection	UTM - NAD83	State/Province	BC		
Author	MO	File	ValLoc		



Valleau Claim Outline



<b>Serengeti Resources Inc</b>	
Date: 4/11/2010	<b>Valleau Project Claim Details</b>
Author: HS	
Office:	
NTS 93 N	
Scale: 1:50000	Projection: UTM Zone 10 (NAD 83)

<b>Table 1 - Valleau Claim Details</b>									
<i>Project</i>	<i>Tenure #</i>	<i>Claim Name</i>	<i>Hectares</i>	<i>Expiry Date</i>	<i>NTS</i>	<i>Record Date</i>	<i>Mining Division</i>	<i>Owner</i>	<i>Cells</i>
VALLEAU	501134	VAL 6	458.385	12-Jan-14	093N046	12-Jan-05	OMENICA	SIR	25
VALLEAU	501250	VAL 7	458.378	12-Jan-14	093N046	12-Jan-05	OMENICA	SIR	25
VALLEAU	501521	VAL 8	440.233	12-Jan-14	093N046	12-Jan-05	OMENICA	SIR	24
VALLEAU	502038	VAL 11	183.350	12-Jan-14	093N046	12-Jan-05	OMENICA	SIR	10
VALLEAU	502129	VAL 12	458.443	12-Jan-14	093N045	12-Jan-05	OMENICA	SIR	25
VALLEAU	502168	VAL 13	440.375	12-Jan-14	093N046	12-Jan-05	OMENICA	SIR	24
VALLEAU	502196	VAL 14	293.507	12-Jan-14	093N045	12-Jan-05	OMENICA	SIR	16
VALLEAU	502227	VAL 15	275.234	12-Jan-14	093N045	12-Jan-05	OMENICA	SIR	15
VALLEAU	514447		458.390	19-Dec-13	093N045	15-Nov-04	OMENICA	SIR	25
VALLEAU	514448		458.388	19-Dec-13	093N045	15-Nov-04	OMENICA	SIR	25
VALLEAU	514449		274.935	19-Dec-13	093N045	15-Nov-04	OMENICA	SIR	15
VALLEAU	514450		458.061	19-Dec-13	093N045/055	19-Nov-04	OMENICA	SIR	25
VALLEAU	514451		513.050	19-Dec-13	093N045/055	18-Nov-04	OMENICA	SIR	28
13 claims			<b>5170.729</b>						

### **(3) Accessibility, Local Resources, Infrastructure, Climate and Physiography**

The property is located approximately 75 km northwest of the Mt. Milligan deposit, owned by Terrane Metals and 18 km east of Serengeti's Kwanika deposit. Access to the Valleau property can be obtained via helicopter from Fort St James (130 km to the south) or from Kwanika Camp.

The climate of region is typical of middle latitudes in Canada as the winters are cold (-5 to -25 deg Celsius) and summers are warm (20-25 degrees Celsius). Precipitation is moderate as nearby Fort St James receives an average of 47.5 cm of precipitation per year. The property is mostly covered by glacial till, with gentle slopes, and elevations varying from about 1,250 m to 1700 m. It is everywhere forested except for meadows in the valleys and upland creeks. The vegetation on the property is best characterized by the presence of pine and fir forests with swampy grasslands occurring in low-lying areas.

### **(4) History**

Mineral exploration in the Omineca district began with placer gold prospecting as far back as 1869 and with copper exploration commencing in 1969. In 1989, Westmin Resources acquired a large property, including the ground previously held by Noranda Exploration, and did an airborne magnetic/EM survey followed by stream sediment sampling, soil sampling, trenching and gradient IP surveys (assessment reports 19868, 20897, 21866, 22752 and 22757). This work identified three placer gold occurrences and extensive copper and gold soil anomalies in an essentially a glacial till cover area. Results of the trenching program were not recorded and no drilling has been done on the property.

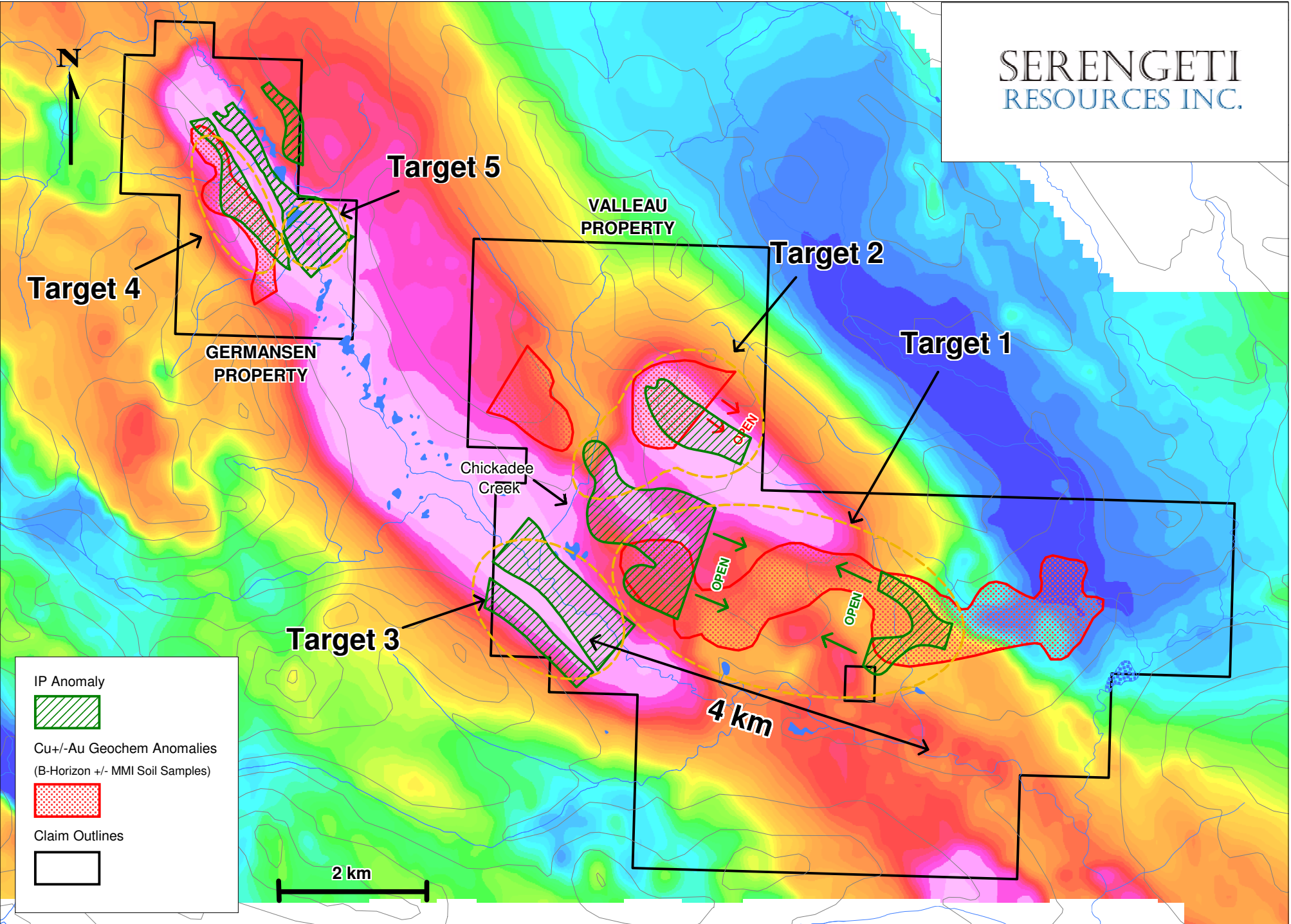
Serengeti acquired the Valleau property by staking in January of 2005. At this time, Serengeti also acquired the Germanson property, located 2 km to the southeast. The two properties occur along a pronounced northwest trending, regional magnetic and stream geochemical anomaly. In 2005, Serengeti in conjunction with the GSC conducted some 530 line kilometres of heliborne magnetic and radiometric surveying. In 2007, Serengeti financed a 13 line (26.9 line-km) IP and ground magnetic survey. The survey utilized pole-dipole array with a spacing of 50 m and identified several chargeability +/- resistivity anomalies (see AR29766).

The results of previous work on the Valleau property has identified three primary targets consisting of anomalous gold and copper values in stream sediment and soils, co-incident with open ended Induced Polarization (IP) chargeability anomalies (Figure 3 – compilation map of targets on the Germansen-Valleau trend).


Target 1 consists of an approximately 6,000 m long by 200 m to 800 m wide east/west trending gold soil anomaly with three areas of strongly elevated gold values. This work showed an 800 m long by 300 m wide zone of greater than 100 ppb Au with trenches reportedly encountering propylitically altered monzonite and diorite with minor pyrite and chalcopyrite. Six

# Germansen-Valleau Project - Target Areas on Airborne Magnetics

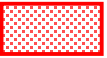
SERENGETI  
RESOURCES INC.




IP Anomaly



Cu+/-Au Geochem Anomalies  
(B-Horizon +/- MMI Soil Samples)



Claim Outlines





trenches were completed by prior operators with the best gold grade 1,080 ppb/10 m. IP surveying completed by Serengeti identified open ended chargeability anomalies at either end of the Au in-soil anomalies, leaving an obvious gap for follow up testing. If the IP anomalies coalesce, the target would measure 5 km x 2.5 km, consisting of co-incident geochemical anomalies and high chargeability. Interestingly, the gap in the IP anomaly is coincident with a roughly circular magnetic low, possibly representing a magnetite destructive alteration zone.

Target 2 consists of anomalous gold values (16 ppb to 640 ppb) and moderately anomalous copper values (81 ppm to 124 ppm) in stream sediment samples in an area 2,500 m by 1,000 m. Follow-up soil sampling identified an area measuring +2,200 m by 1,000 m of anomalous copper values (81 ppm to 969 ppm) with patchy anomalous gold values. Outcrop is poor but pyritic andesite with minor chalcopyrite is noted in outcrops along Robin Creek, a tributary of Chickadee Creek. **Of significance is that coarse, angular grains of gold have been panned from Chickadee Creek suggesting a nearby source.** This target occurs at the edge of a strong aeromagnetic anomaly and is coincident in part with a northwest trending chargeability high.

Target 3 is a +2 km x 2.5 km, valley bottom (ie. covered) IP anomaly. This anomaly is open to the northwest and may coalesce with Target 5 on the Germansen property.

## (5) Geology

### Regional Geology

The Germansen property lies in the northern part of the Upper Triassic to Lower Jurassic Quesnel Trough – Quesnellia Terrane –, a Mesozoic island arc terrane juxtaposed against the ancestral North American continental margin. The Quesnel Trough is bounded on the west by older rocks of the Cache Creek Terrane across the Pinchi Fault, and to the east across the Manson Fault by the Slide Mountain Terrane. It hosts numerous alkalic porphyry copper-gold deposits, from southern to northern B.C. The deposits in this region of the Quesnel Trough area are associated with potassically altered diorite to syenite plugs and stocks and coeval andesitic, volcanic rocks, mainly along the flanks of the Hogem batholith. The significant porphyry deposits in the general Germansen-Valleau area (Kemess mine and the Mt. Milligan, Kwanika and Lorraine deposits) are associated with strong, airborne magnetic anomalies, especially northwest cross trends, and large copper/gold stream sediment anomalies with both of these features present at the Valleau property.

In the Valleau project area, the geology consists of Upper Triassic and Lower Jurassic island arc volcanic and sedimentary units of the Takla Group, and the Chuchi Lake and Twin Creek successions. These units have been extensively affected by intrusions of the Hogem plutonic suite, comprised of late Triassic and early Jurassic composite plutons – the intrusive equivalent of the island arc volcanic units, and the Valleau Creek intrusive suite -diorite, gabbro, pyroxenite and hornlendite rocks – which occurs along the eastern margin of the Hogem Batholith.

## **Property Geology**

Outcrop exposures on the Valleau property are limited to higher elevations on the north eastern portion of the property. The vast majority of the property geology is obscured by glacial till. Glacial features such as eskers, drumlins, erratics and hummocks occupy the low lands adjacent to the wide creek traversing the middle of the property. Small outcrops of propylitically and potassically altered diorite and monzonite with pyrite, chalcopyrite and malachite have been reported in the areas associated with large soil anomalies for copper and gold.

An excavated trail and several trenches exist on the northern side of the valley. Rocks observed from the trenches are predominantly very fine grained andesite and diorite. The majority of rocks observed on the Valleau property by Serengeti staff in 2009 were and fresh to weakly altered dioritic intrusives. Andesite porphyry volcanic rock occurs locally in some of the old trenches and scattered outcrops in the northwest portion of the property. Due to the extensive glacial cover, a coherent geological picture has been difficult to obtain.

## **(6) Sample Collection Methodology**

In order to test for the geochemical signature of a covered mineral deposit, a total of 138 mobile metal ion (MMI) soil samples and 137 “B” horizon soil samples were collected from the Valleau property. One of each sample type was collected at 100 m spaced intervals along the measured and staked lines that were used for a June 2008 geophysical Induced Polarization (IP) survey.

### **“B” Horizon Sample Collection**

“B” horizon samples were collected at each station at a depth of 15-45 cm. The overlying organics and/or “A” horizon were penetrated until a reddish-brown to brown, true “B” horizon was clearly encountered. Samplers collected ~500 g of the soil in a brown Kraft sample bag. Samples were then clearly labeled, identified by the IP station at which they were collected. Each station was located with the use of a handheld GPS.

### **MMI Sample Collection**

MMI samples were collected by geologists and field technicians in accordance with guidelines for MMI sampling set out by SGS Laboratories. The procedure was as follows: Prior to collecting the MMI samples, sampling equipment was brushed to eliminate residue from previous samples and was flushed with soils from the new sample area. Extensive organic horizon (O or Ao) was scraped away and loose non-decomposed matter, debris, and any possible cultural contamination was eliminated. The leaf litter and organic material that still has structure (i.e. decomposing leaves, bark, twigs and peat) was then penetrated. Once through to a true A-horizon (where the soil resembles a decomposed mass without any obvious leaf or vegetation visible), the top 10cm of this A-horizon material was discarded. The sample was then collected between the 10 to 25 cm interval below this horizon. A plastic trowel was used take a cross section of the material between the 10 to 25 cm depth interval. The sample material was put into clean, properly labeled plastic bags. Approximately 300 to 500 grams of material was collected.

Samplers ensured not to mix organic and inorganic soils in the collected sample. In the event of encountering greater than 25 cm of organics, no sample was collected. The soil type, topography and moisture content of soil was recorded for future interpretation. During sample collection and handling, no jewellery (watches, rings, bracelets, and chains) were worn so as to avoid potential contamination. Analytical analysis of the MMI samples was confined to Cu, Au, Mo, Ag, Zn, Pb, Cd, and As as these elements are most commonly associated with Cu ± Au±Mo deposits and/or define their peripheral signature.

The common practice for interpreting MMI assay results is by the calculation of a response ratio (RR). The response ratio is the normalization of the data relative to local geochemical background. The background value is calculated by averaging the first quartile of data, and then by dividing all the results by the average of the first quartile. This method will give a response ratio, relative to the geochemical background.

#### Sample Shipment and Analysis

All of the “B” horizon and MMI samples were packaged by the field staff on site and shipped via a local expediting company to SGS in Toronto, Ontario. All “B” soil samples were dried and -80 mesh screened. They were then analyzed by 30 element ICP following digestion in aqua regia. SGS analyzed the samples using their proprietary MMI selective leach method.

Analytical results for all samples collected are shown in the Certificated of Analysis in Appendix D.

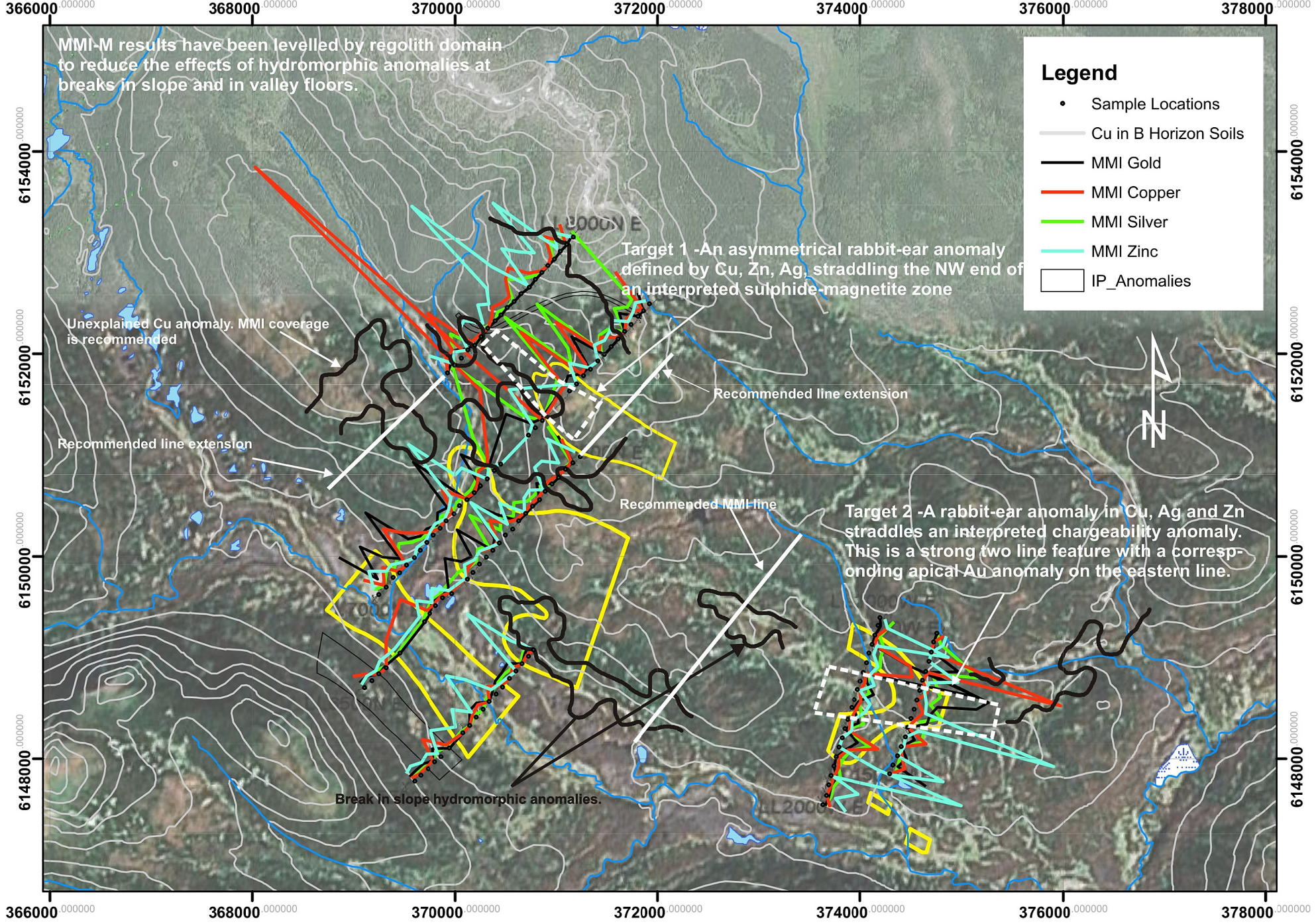
## **(7) Results**

A review of the MMI and B-Horizon sampling results was completed by Dave Heberlein (Consulting Geologist, M.Sc, P.Geo). The first step of the review was to level the data in order to suppress false anomalies. Levelling was done by first classifying each sample point on the basis of its topographic setting. Four categories were employed: valley floor, break in slope, slope and hill top. Response ratios were then calculated by determining of the median for the lower quartile of each category and then dividing each value by this value. After consulting with Serengeti Geologists and incorporating the results of previous exploration, D. Heberlein authored the following report:

Results from Valteau are illustrated in Figure 4. There are some compelling Cu and Au geochemical anomalies that are apparent in the data. Data levelling has significantly improved the resolution of the MMI results by suppressing the hydromorphic anomalies. Two areas of interest referred to as Targets 1 and 2 on Figure 4 emerge from the data. Target 1 is located at the north end of the grid on lines 7000N and 8000NE. It consists of an asymmetric rabbit ear anomaly for copper and silver, bracketing what has been interpreted from geophysics as a sulphide magnetite bearing zone. The feature remains open to the southeast and an extension of line 6500NE is recommended to detail the feature over the centre of the geophysical anomaly. It is associated with anomalous copper values from a both the 2009 and a previous B-horizon soil survey. It appears to be weakening to the northwest.

Target 2 lies in the south-eastern part of the survey area on lines 2000E and 1500E. It comprises a two-line multi-element anomaly with a distinct rabbit-ear form. Rabbit-ear responses for copper, zinc and silver bracket an apical gold response, which is strongest on line 1500E. A chargeability feature coincides with the axis of the MMI anomaly, suggesting the presence of sulphides. There is also a copper anomaly from historical B-horizon soils that extends approximately 1 km east of the target. Additional MMI lines to the east and west are recommended to fully evaluate the size of the target and to determine the best area for follow up.

Other features of interest include two hydromorphic copper anomalies defined in the B-horizon soil data between the two MMI survey areas. These features occur at breaks in slope on the north and south flanks of a low hill and suggest a copper source somewhere on the higher ground. This feature may constitute a westerly extension of Target 2 and if so would increase its potential strike length to several kilometres. An MMI line is recommended across the hill to assess this area. MMI responses over the chargeability anomalies south of Target 1 are ambiguous. Apical type responses for copper and zinc seem to correlate with valley floor and breaks in slope suggesting a hydromorphic origin. There is possible rabbit ear response at the southern end of line 7000N. This is defined primarily by gold but also has a weak copper response. The axis of this feature is situated in a creek bed, which makes the interpretation of the MMI less certain. The fact that the feature falls between two chargeability anomalies downgrades its potential somewhat. Nevertheless, an investigation of the geology in that area could provide evidence to elevate this to target status.



# Valleau Property Geochemical Interpretation

## **(8) Summary and Recommendations**

The 2009 MMI and B Horizon sampling program identified three target areas on the Valleau property that warrant follow up:

The first target (Target 1) is located at the north end of the grid on lines 7000N and 8000NE. It consists of an asymmetric rabbit ear anomaly for copper and silver, bracketing an interpreted sulphide-magnetite geophysical anomaly. The feature remains open to the southeast towards line 6500NE.

The second target (Target 2) lies in the south-eastern part of the survey area on lines 2000E and 1500E. It comprises a two-line multi-element anomaly with distinct rabbit-ear responses for copper, zinc and silver bracketing an apical gold response. A chargeability feature coincides with the axis of the MMI anomaly, suggesting the presence of sulphides. There is also a copper anomaly from historical B-horizon soils that extends approximately 1 km east of the target.

A third area of interest is defined by the two hydromorphic copper anomalies defined in the B-horizon soil data between the geophysical coverage and MMI survey areas. The B-Horizon anomalies occur at breaks in slope on the north and south flanks of a low hill and suggest a copper source somewhere on the higher ground. This feature may constitute a westerly extension of Target 2 and if so would increase its potential strike length to several kilometres.

It is recommended that:

- i) Target 1- MMI soil lines should be extended on line 6500NE in order to detail the feature identified over the centre of the geophysical anomaly.
- ii) Target 2 - Additional MMI lines to the east and west are recommended to fully evaluate the size of the target and to determine the best area for follow up.
- iii) Third target area - An MMI line is recommended across the hill to assess the area between IP and MMI coverage. Positive results from MMI surveying should be followed up by infill IP surveying.
- iv) Wide-spaced drill testing should be employed to follow-up the numerous geochemical and geophysical targets on the property.

Appendix A – Expenditure Statement

## Valleau Property - 2009 Geochemical Survey Cost Statement

### *Crew Costs:*

Helicopter	flight time	\$ 5,480.00
Sample shipment		\$ 45.00
Field Geologist	2 days	\$ 1,580.00
Sampler 1-4 and gear	3 days @\$250/day	\$ 3,000.00
Room and board		\$ 715.50

### *Analysis:*

MMI Analysis	138 Samples	\$ 3,675.00
B-Horizon Analysis	137 Samples	\$ 2,719.40

### *Project Planning:*

Sr. Geologist	(Salary portion)	\$ 546.81
Project Geologist	(Salary portion)	\$ 314.30

### *Reporting:*

Assessment Report	2 days@ \$350/day	\$ 700.00
MMI Interpretation	1 day @\$675/day	\$ 675.00

**Total**  
**\$ 19,451.01**



## Appendix B – Geologist's Certificate

## **GEOLOGIST'S CERTIFICATE**

I, Hugh R. Samson of #205-1875 West 8<sup>th</sup> Avenue, Vancouver, in the province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am Serengeti Resources Inc.'s Project Geologist.
2. THAT I am a 2005 graduate of Dalhousie University with an Honours BSc.
3. THAT I have practised in the field of Geosciences since my graduation from University.
4. THAT this report is based on fieldwork carried out from August 4<sup>th</sup> – 5<sup>th</sup>, 2009, by geological staff and personnel on behalf of Serengeti Resources Inc
5. THAT this report was written by myself under the supervision and direction of David W. Moore, President and CEO of Serengeti Resources Inc. and a Professional Geoscientist (P. Geo) registered and in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (#28163).

DATED at Vancouver, British Columbia this 12<sup>th</sup> day of October, 2010.

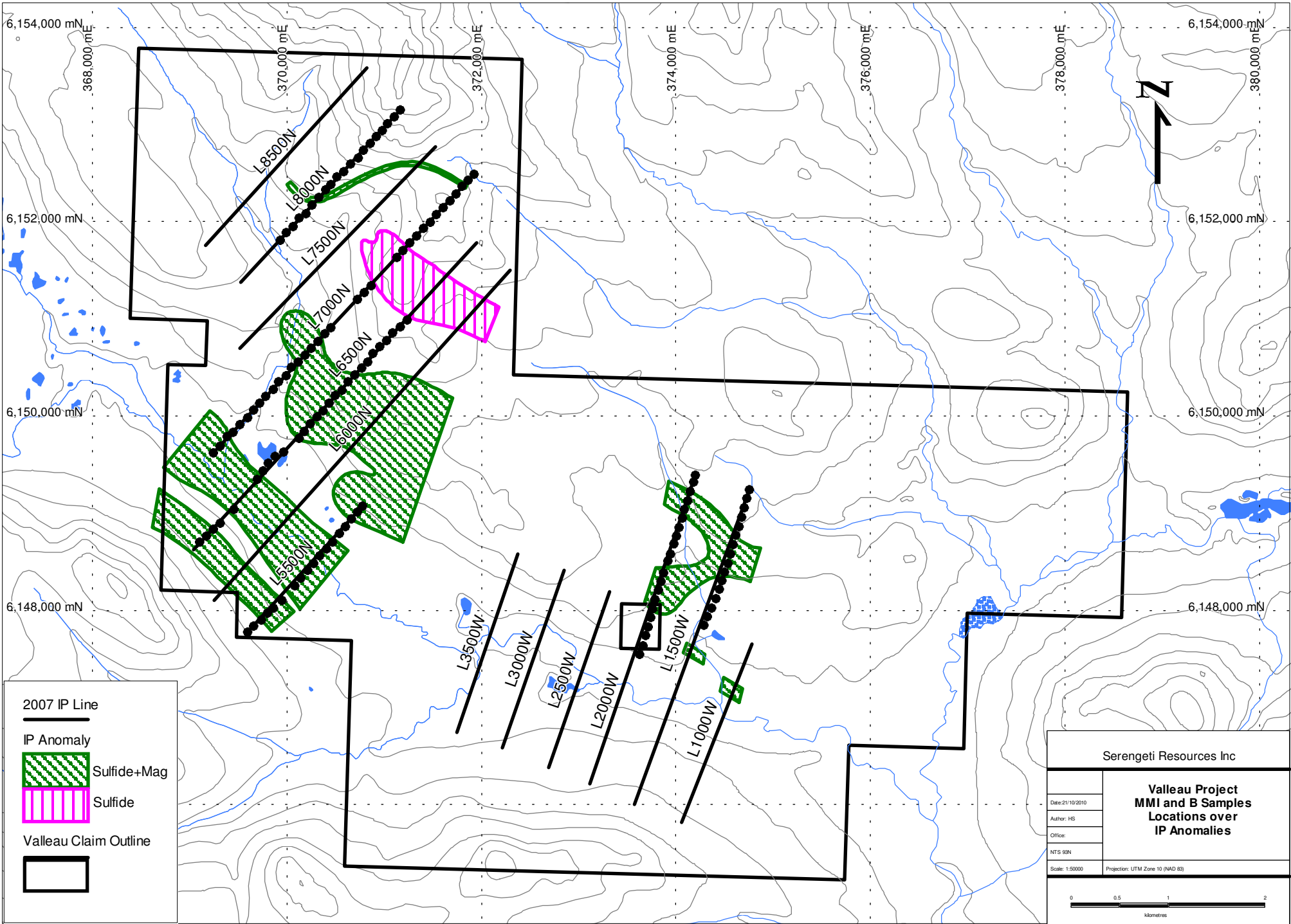
Hugh R. Samson, BSc



David W. Moore, P. Geo



## Appendix C – Maps of Sample Locations and Results



6,154,000 mN  
368,000 mE  
370,000 mE  
372,000 mE  
374,000 mE  
376,000 mE  
378,000 mE  
380,000 mE

6,152,000 mN

6,150,000 mN

6,148,000 mN

L8500N  
L8000N  
L7500N  
L7000N  
L6500N  
L6000N  
L5500N  
L3500W  
L3000W  
L2500W  
L2000W  
L1500W  
L1000W

- 2007 IP Line
- IP Anomaly
- Sulfide+Mag
- Sulfide
- Valleau Claim Outline

Serengeti Resources Inc	
Date: 21/10/2010	<b>Valleau Project MMI and B Samples Locations over IP Anomalies</b>
Author: HS	
Office:	
NTS: 89N	
Scale: 1:5000	Projector: UTM Zone 10 (NAD 83)

Property	Easting	Northing	Line	Station (E)	Sample Type	Sample ID	Ag (ppb)	As (ppb)	Au (ppb)	Cd (ppb)	Cu (ppb)	Mo (ppb)	Pb (ppb)	Zn (ppb)	Date
Valleau	374292	6147849	L1500W	7000	MMI	L1500W-7000E	22	10	1.1	2	520	10	60	50	Aug-09
Valleau	374326	6147937	L1500W	7100	MMI	L1500W-7100E	19	5	0.2	10	1920	2.5	60	790	Aug-09
Valleau	374370	6148029	L1500W	7200	MMI	L1500W-7200E	15	5	0.3	7	1100	2.5	5	10	Aug-09
Valleau	374410	6148120	L1500W	7300	MMI	L1500W-7300E	7	5	0.05	11	440	2.5	5	50	Aug-09
Valleau	374447	6148216	L1500W	7400	MMI	L1500W-7400E	53	5	0.3	10	2940	11	5	10	Aug-09
Valleau	374470	6148310	L1500W	7500	MMI	L1500W-7500E	52	5	0.05	18	520	2.5	60	180	Aug-09
Valleau	374502	6148396	L1500W	7600	MMI	L1500W-7600E	21	5	0.4	25	490	2.5	110	1500	Aug-09
Valleau	374534	6148486	L1500W	7700	MMI	L1500W-7700E	53	5	0.4	25	1360	2.5	130	290	Aug-09
Valleau	374563	6148578	L1500W	7800	MMI	L1500W-7800E	30	5	0.5	8	420	2.5	220	230	Aug-09
Valleau	374591	6148674	L1500W	7900	MMI	L1500W-7900E	40	5	1.3	10	1140	2.5	70	110	Aug-09
Valleau	374616	6148773	L1500W	8000	MMI	L1500W-8000E	29	10	1.5	9	550	2.5	80	200	Aug-09
Valleau	374650	6148860	L1500W	8100	MMI	L1500W-8100E	18	5	0.1	14	710	2.5	120	810	Aug-09
Valleau	374680	6148961	L1500W	8200	MMI	L1500W-8200E	91	5	0.7	22	13800	12	10	10	Aug-09
Valleau	374703	6149055	L1500W	8300	MMI	L1500W-8300E	57	5	0.1	23	530	10	20	10	Aug-09
Valleau	374727	6149151	L1500W	8400	MMI	L1500W-8400E	16	5	0.05	16	420	2.5	80	240	Aug-09
Valleau	374760	6149241	L1500W	8500	MMI	L1500W-8500E	5	5	0.05	34	1160	2.5	20	210	Aug-09
Valleau	373629	6147545	L2000W	6500	MMI	L2000W- 6500E	6	10	0.1	5	950	9	200	370	Aug-09
Valleau	373664	6147639	L2000W	6600	MMI	L2000W- 6600E	14	5	0.1	3	340	6	110	160	Aug-09
Valleau	373689	6147742	L2000W	6700	MMI	L2000W- 6700E	15	5	0.1	6	670	2.5	50	490	Aug-09
Valleau	373713	6147830	L2000W	6800	MMI	L2000W- 6800E	28	5	0.2	11	630	2.5	60	50	Aug-09
Valleau	373738	6147926	L2000W	6900	MMI	L2000W- 6900E	7	5	0.05	21	400	2.5	40	1330	Aug-09
Valleau	373763	6148020	L2000W	7000	MMI	L2000W- 7000E	12	5	0.05	5	270	2.5	40	430	Aug-09
Valleau	373787	6148114	L2000W	7100	MMI	L2000W- 7100E	22	5	0.2	33	1210	2.5	20	10	Aug-09
Valleau	373818	6148208	L2000W	7200	MMI	L2000W- 7200E	47	5	0.4	4	3980	2.5	5	10	Aug-09
Valleau	373846	6148298	L2000W	7300	MMI	L2000W- 7300E	2	5	0.05	63	680	2.5	90	170	Aug-09
Valleau	373875	6148390	L2000W	7400	MMI	L2000W- 7400E	29	20	0.3	5	380	6	30	110	Aug-09
Valleau	373917	6148506	L2000W	7500	MMI	L2000W- 7500E	15	5	0.1	13	590	2.5	50	380	Aug-09
Valleau	373942	6148585	L2000W	7600	MMI	L2000W- 7600E	14	5	0.2	18	1030	2.5	30	250	Aug-09
Valleau	373976	6148682	L2000W	7700	MMI	L2000W- 7700E	34	5	0.5	10	560	2.5	40	50	Aug-09
Valleau	374004	6148767	L2000W	7800	MMI	L2000W- 7800E	11	10	0.2	14	590	2.5	40	380	Aug-09
Valleau	374033	6148851	L2000W	7900	MMI	L2000W- 7900E	11	5	0.1	18	460	2.5	50	190	Aug-09
Valleau	374065	6148947	L2000W	8000	MMI	L2000W- 8000E	26	5	2.5	21	4770	2.5	20	320	Aug-09
Valleau	374089	6149043	L2000W	8100	MMI	L2000W- 8100E	21	5	0.9	32	2420	2.5	20	50	Aug-09
Valleau	374122	6149131	L2000W	8200	MMI	L2000W- 8200E	19	5	0.05	9	220	2.5	110	50	Aug-09
Valleau	374149	6149223	L2000W	8300	MMI	L2000W- 8300E	10	5	0.05	12	200	2.5	160	760	Aug-09
Valleau	374181	6149318	L2000W	8400	MMI	L2000W- 8400E	15	5	0.1	8	1100	2.5	60	260	Aug-09
Valleau	374198	6149394	L2000W	8500	MMI	L2000W- 8500E	26	5	0.05	36	720	2.5	40	120	Aug-09
Valleau	369599	6147778	L5500N	5000	MMI	L5500N-5000E	11	5	0.2	18	670	2.5	30	370	Aug-09
Valleau	369659	6147836	L5500N	5100	MMI	L5500N-5100E	8	5	0.2	17	540	2.5	30	390	Aug-09
Valleau	369734	6147902	L5500N	5200	MMI	L5500N-5200E	8	5	0.2	13	500	2.5	20	320	Aug-09
Valleau	369802	6147969	L5500N	5300	MMI	L5500N-5300E	6	5	0.1	13	490	2.5	20	330	Aug-09
Valleau	369865	6148021	L5500N	5400	MMI	L5500N-5400E	11	5	0.3	25	2660	2.5	60	150	Aug-09

Property	Easting	Northing	Line	Station (E)	Sample Type	Sample ID	Ag (ppb)	As (ppb)	Au (ppb)	Cd (ppb)	Cu (ppb)	Mo (ppb)	Pb (ppb)	Zn (ppb)	Date
Valleau	369949	6148107	L5500N	5500	MMI	L5500N-5500E	5	5	0.05	2	410	2.5	5	280	Aug-09
Valleau	370077	6148254	L5500N	5700	MMI	L5500N-5700E	6	5	0.05	3	270	2.5	5	200	Aug-09
Valleau	370145	6148330	L5500N	5800	MMI	L5500N-5800E	2	5	0.05	4	400	2.5	40	420	Aug-09
Valleau	370211	6148411	L5500N	5900	MMI	L5500N-5900E	4	5	0.3	12	780	6	30	150	Aug-09
Valleau	370278	6148487	L5500N	6000	MMI	L5500N-6000E	2	5	0.3	46	1100	2.5	180	790	Aug-09
Valleau	370340	6148563	L5500N	6100	MMI	L5500N-6100E	13	5	0.05	12	280	7	60	560	Aug-09
Valleau	370406	6148637	L5500N	6200	MMI	L5500N-6200E	14	10	0.2	3	1670	6	90	160	Aug-09
Valleau	370468	6148706	L5500N	6300	MMI	L5500N-6300E	19	5	0.3	6	550	5	70	110	Aug-09
Valleau	370536	6148791	L5500N	6400	MMI	L5500N-6400E	18	5	0.3	5	370	7	50	90	Aug-09
Valleau	370602	6148866	L5500N	6500	MMI	L5500N-6500E	12	5	0.4	7	730	8	60	50	Aug-09
Valleau	370663	6148940	L5500N	6600	MMI	L5500N-6600E	6	5	0.05	14	400	5	80	1160	Aug-09
Valleau	370724	6149010	L5500N	6700	MMI	L5500N-6700E	19	5	0.2	5	520	2.5	80	410	Aug-09
Valleau	370776	6149074	L5500N	6800	MMI	L5500N-6800E	14	5	0.2	4	300	6	50	90	Aug-09
Valleau	369105	6148702	L6500N	5300	MMI	L6500N-5300E	9	5	0.2	17	1540	6	30	110	Aug-09
Valleau	369175	6148769	L6500N	5400	MMI	L6500N-5400E	11	5	0.2	22	1020	2.5	5	150	Aug-09
Valleau	369246	6148837	L6500N	5500	MMI	L6500N-5500E	9	5	0.05	3	110	2.5	5	100	Aug-09
Valleau	369317	6148897	L6500N	5600	MMI	L6500N-5600E	3	5	0.1	3	50	2.5	5	90	Aug-09
Valleau	369453	6149042	L6500N	5800	MMI	L6500N-5800E	3	5	0.05	4	1020	6	5	80	Aug-09
Valleau	369694	6149351	L6500N	6200	MMI	L6500N-6200E	6	5	0.05	36	3850	11	50	120	Aug-09
Valleau	369751	6149434	L6500N	6300	MMI	L6500N-6300E	17	5	0.05	7	430	2.5	90	310	Aug-09
Valleau	369808	6149512	L6500N	6400	MMI	L6500N-6400E	18	5	0.2	4	300	10	80	80	Aug-09
Valleau	369877	6149590	L6500N	6500	MMI	L6500N-6500E	16	5	0.1	4	160	2.5	80	230	Aug-09
Valleau	369971	6149629	L6500N	6600	MMI	L6500N-6600E	24	5	0.2	3	180	6	70	80	Aug-09
Valleau	370122	6149771	L6500N	6800	MMI	L6500N-6800E	36	5	0.9	6	200	6	80	30	Aug-09
Valleau	370179	6149838	L6500N	6900	MMI	L6500N-6900E	18	5	0.5	10	870	2.5	120	180	Aug-09
Valleau	370244	6149920	L6500N	7000	MMI	L6500N-7000E	7	10	0.3	6	400	8	190	80	Aug-09
Valleau	370310	6149992	L6500N	7100	MMI	L6500N-7100E	21	20	0.9	11	480	6	240	90	Aug-09
Valleau	370376	6150058	L6500N	7200	MMI	L6500N-7200E	13	5	0.05	19	100	2.5	60	40	Aug-09
Valleau	370438	6150133	L6500N	7300	MMI	L6500N-7300E	71	5	0.2	6	70	2.5	5	10	Aug-09
Valleau	370498	6150211	L6500N	7400	MMI	L6500N-7400E	11	5	1	17	1110	2.5	80	480	Aug-09
Valleau	370568	6150268	L6500N	7500	MMI	L6500N-7500E	28	5	0.5	8	550	5	80	60	Aug-09
Valleau	370628	6150350	L6500N	7600	MMI	L6500N-7600E	12	5	0.05	10	160	2.5	60	660	Aug-09
Valleau	370699	6150421	L6500N	7700	MMI	L6500N-7700E	30	5	0.05	12	300	13	40	50	Aug-09
Valleau	370765	6150497	L6500N	7800	MMI	L6500N-7800E	12	5	0.05	6	200	2.5	10	310	Aug-09
Valleau	370832	6150559	L6500N	7900	MMI	L6500N-7900E	14	5	0.05	14	300	2.5	70	380	Aug-09
Valleau	370888	6150642	L6500N	8000	MMI	L6500N-8000E	13	5	0.3	5	280	2.5	50	60	Aug-09
Valleau	370956	6150716	L6500N	8100	MMI	L6500N-8100E	2	5	0.05	17	550	2.5	50	580	Aug-09
Valleau	371023	6150780	L6500N	8200	MMI	L6500N-8200E	2	5	0.05	8	280	2.5	5	560	Aug-09
Valleau	371090	6150858	L6500N	8300	MMI	L6500N-8300E	1	5	0.1	12	90	2.5	30	230	Aug-09
Valleau	371163	6150922	L6500N	8400	MMI	L6500N-8400E	2	5	0.05	13	240	2.5	60	870	Aug-09
Valleau	371236	6150985	L6500N	8500	MMI	L6500N-8500E	38	5	0.7	17	1920	2.5	70	170	Aug-09
Valleau	369245	6149622	L7000N	6100	MMI	L7000N-6100E	25	5	1.6	20	2640	2.5	60	100	Aug-09

Property	Easting	Northing	Line	Station (E)	Sample Type	Sample ID	Ag (ppb)	As (ppb)	Au (ppb)	Cd (ppb)	Cu (ppb)	Mo (ppb)	Pb (ppb)	Zn (ppb)	Date
Valleau	369317	6149695	L7000N	6200	MMI	L7000N-6200E	13	5	0.4	12	420	2.5	80	350	Aug-09
Valleau	369385	6149792	L7000N	6300	MMI	L7000N-6300E	32	5	1.3	18	1760	2.5	80	140	Aug-09
Valleau	369449	6149836	L7000N	6400	MMI	L7000N-6400E	24	20	0.7	8	570	2.5	50	180	Aug-09
Valleau	369519	6149914	L7000N	6500	MMI	L7000N-6500E	38	5	0.3	6	220	5	30	90	Aug-09
Valleau	369595	6149984	L7000N	6600	MMI	L7000N-6600E	66	5	1.9	9	5250	2.5	60	10	Aug-09
Valleau	369654	6150059	L7000N	6700	MMI	L7000N-6700E	38	5	0.5	27	3180	2.5	50	60	Aug-09
Valleau	369720	6150135	L7000N	6800	MMI	L7000N-6800E	28	5	0.3	17	1870	2.5	20	40	Aug-09
Valleau	369785	6150207	L7000N	6900	MMI	L7000N-6900E	21	5	0.3	17	700	2.5	40	80	Aug-09
Valleau	369857	6150275	L7000N	7000	MMI	L7000N-7000E	23	5	0.2	10	270	7	5	110	Aug-09
Valleau	369915	6150352	L7000N	7100	MMI	L7000N-7100E	29	10	0.4	6	670	6	40	50	Aug-09
Valleau	369991	6150417	L7000N	7200	MMI	L7000N-7200E	13	10	0.3	4	490	2.5	40	120	Aug-09
Valleau	370047	6150500	L7000N	7300	MMI	L7000N-7300E	14	10	1.4	13	1460	11	170	130	Aug-09
Valleau	370119	6150559	L7000N	7400	MMI	L7000N-7400E	11	5	0.05	11	280	2.5	120	810	Aug-09
Valleau	370190	6150628	L7000N	7500	MMI	L7000N-7500E	13	5	0.05	6	140	2.5	30	260	Aug-09
Valleau	370253	6150696	L7000N	7600	MMI	L7000N-7600E	16	5	0.05	31	440	2.5	80	250	Aug-09
Valleau	370318	6150765	L7000N	7700	MMI	L7000N-7700E	27	5	0.8	29	720	2.5	30	10	Aug-09
Valleau	370387	6150846	L7000N	7800	MMI	L7000N-7800E	18	5	0.2	32	630	2.5	70	80	Aug-09
Valleau	370453	6150912	L7000N	7900	MMI	L7000N-7900E	71	5	0.3	27	1100	11	10	10	Aug-09
Valleau	370724	6151197	L7000N	8300	MMI	L7000N-8300E	187	5	0.7	18	3790	6	5	10	Aug-09
Valleau	370794	6151268	L7000N	8400	MMI	L7000N-8400E	38	5	0.2	93	37200	2.5	90	140	Aug-09
Valleau	370862	6151342	L7000N	8500	MMI	L7000N-8500E	4	5	0.1	10	230	2.5	30	1090	Aug-09
Valleau	371129	6151632	L7000N	8900	MMI	L7000N- 8900E	15	5	0.2	10	700	6	50	220	Aug-09
Valleau	371197	6151704	L7000N	9000	MMI	L7000N- 9000E	84	5	0.3	26	6090	2.5	5	10	Aug-09
Valleau	371265	6151785	L7000N	9100	MMI	L7000N- 9100E	15	5	0.1	20	380	2.5	50	460	Aug-09
Valleau	371335	6151850	L7000N	9200	MMI	L7000N- 9200E	56	5	0.1	38	900	2.5	210	80	Aug-09
Valleau	371407	6151932	L7000N	9300	MMI	L7000N- 9300E	148	5	0.8	21	5830	6	5	10	Aug-09
Valleau	371473	6151994	L7000N	9400	MMI	L7000N- 9400E	12	5	0.05	69	1020	2.5	70	330	Aug-09
Valleau	371540	6152072	L7000N	9500	MMI	L7000N- 9500E	33	5	0.05	20	1530	2.5	80	240	Aug-09
Valleau	371608	6152147	L7000N	9600	MMI	L7000N- 9600E	28	5	0.05	27	540	2.5	50	290	Aug-09
Valleau	371674	6152219	L7000N	9700	MMI	L7000N- 9700E	1	5	0.05	7	130	2.5	5	430	Aug-09
Valleau	371737	6152290	L7000N	9800	MMI	L7000N- 9800E	22	10	0.4	10	720	7	90	130	Aug-09
Valleau	371804	6152370	L7000N	9900	MMI	L7000N- 9900E	14	5	0.05	11	640	2.5	40	190	Aug-09
Valleau	371862	6152428	L7000N	10000	MMI	L7000N-10000E	15	5	0.05	18	280	2.5	70	320	Aug-09
Valleau	371921	6152493	L7000N	10100	MMI	L7000N-10100E	92	5	0.4	21	3770	18	5	100	Aug-09
Valleau	369930	6151811	L8000N	8200	MMI	L8000N- 8200E	5	5	0.05	8	130	2.5	20	410	Aug-09
Valleau	369997	6151889	L8000N	8300	MMI	L8000N- 8300E	0.5	5	0.2	41	1380	2.5	90	40	Aug-09
Valleau	370063	6151955	L8000N	8400	MMI	L8000N- 8400E	31	5	0.4	48	1350	28	20	130	Aug-09
Valleau	370127	6152039	L8000N	8500	MMI	L8000N- 8500E	43	5	0.1	14	2940	29	5	10	Aug-09
Valleau	370195	6152086	L8000N	8600	MMI	L8000N- 8600E	2	5	0.05	11	300	2.5	20	210	Aug-09
Valleau	370259	6152172	L8000N	8700	MMI	L8000N- 8700E	2	5	0.05	5	120	2.5	20	240	Aug-09
Valleau	370326	6152255	L8000N	8800	MMI	L8000N- 8800E	5	5	0.05	5	90	2.5	20	200	Aug-09
Valleau	370396	6152327	L8000N	8900	MMI	L8000N- 8900E	2	5	0.05	93	360	2.5	110	610	Aug-09

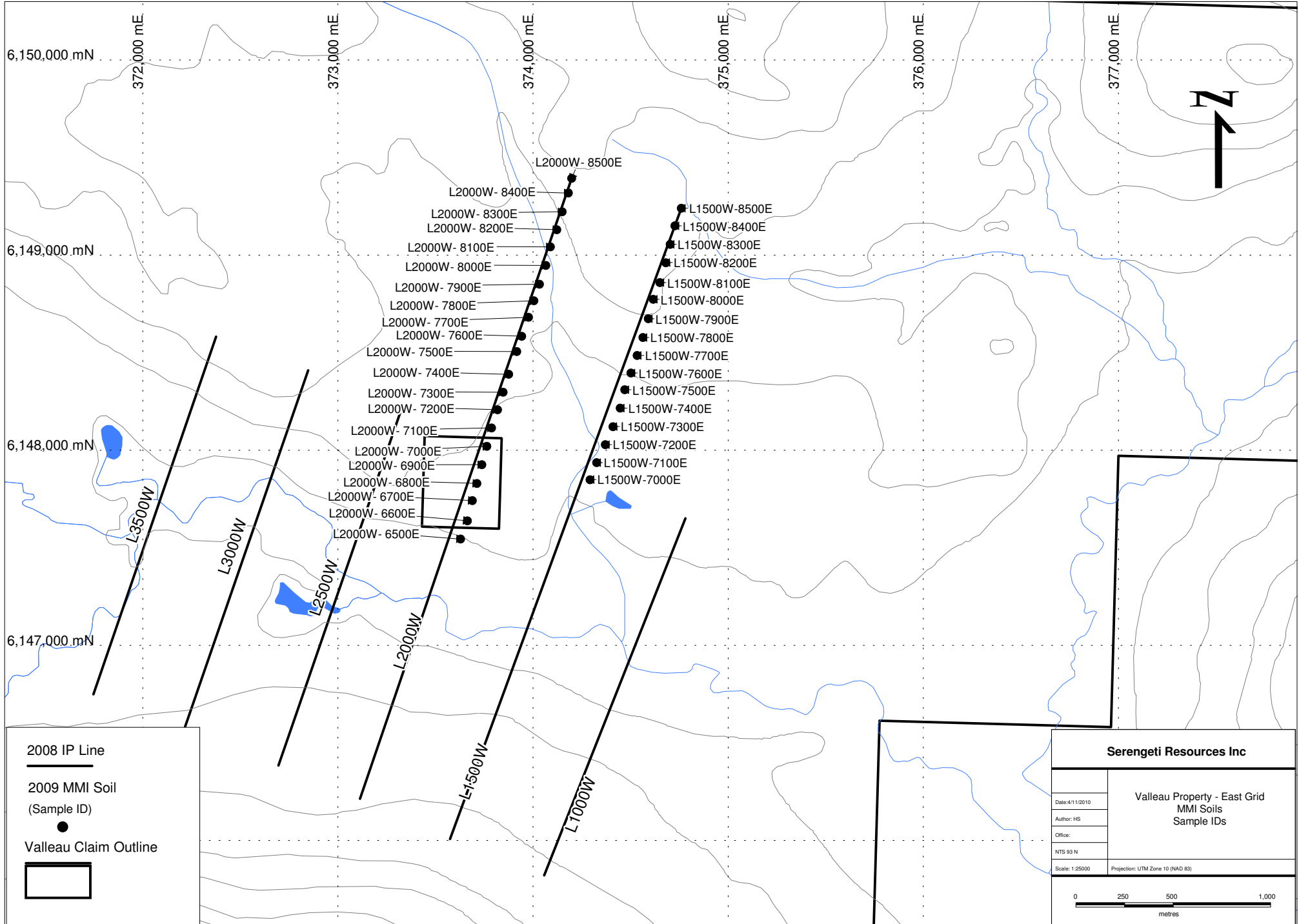
Property	Easting	Northing	Line	Station (E)	Sample Type	Sample ID	Ag (ppb)	As (ppb)	Au (ppb)	Cd (ppb)	Cu (ppb)	Mo (ppb)	Pb (ppb)	Zn (ppb)	Date
Valleau	370456	6152383	L8000N	9000	MMI	L8000N- 9000E	8	5	0.05	11	1200	2.5	50	420	Aug-09
Valleau	370516	6152459	L8000N	9100	MMI	L8000N- 9100E	0.5	5	0.05	87	620	6	90	700	Aug-09
Valleau	370586	6152519	L8000N	9200	MMI	L8000N- 9200E	4	5	0.05	43	730	2.5	120	3430	Aug-09
Valleau	370654	6152593	L8000N	9300	MMI	L8000N- 9300E	38	5	0.05	177	1950	13	5	1020	Aug-09
Valleau	370732	6152660	L8000N	9400	MMI	L8000N- 9400E	21	5	0.05	115	2750	10	20	60	Aug-09
Valleau	370791	6152736	L8000N	9500	MMI	L8000N- 9500E	8	5	0.05	271	870	9	40	1090	Aug-09
Valleau	370857	6152803	L8000N	9600	MMI	L8000N- 9600E	1	5	0.05	17	170	2.5	20	750	Aug-09
Valleau	370917	6152873	L8000N	9700	MMI	L8000N- 9700E	0.5	5	0.05	2	50	2.5	5	470	Aug-09
Valleau	370978	6152936	L8000N	9800	MMI	L8000N- 9800E	3	5	0.05	56	490	2.5	80	2030	Aug-09
Valleau	371038	6153014	L8000N	9900	MMI	L8000N- 9900E	12	5	0.05	17	1610	2.5	5	110	Aug-09
Valleau	371101	6153082	L8000N	10000	MMI	L8000N-10000E	4	5	0.05	7	270	2.5	20	420	Aug-09
Valleau	371168	6153155	L8000N	10100	MMI	L8000N-10100E	15	5	0.1	12	1460	7	20	20	Aug-09

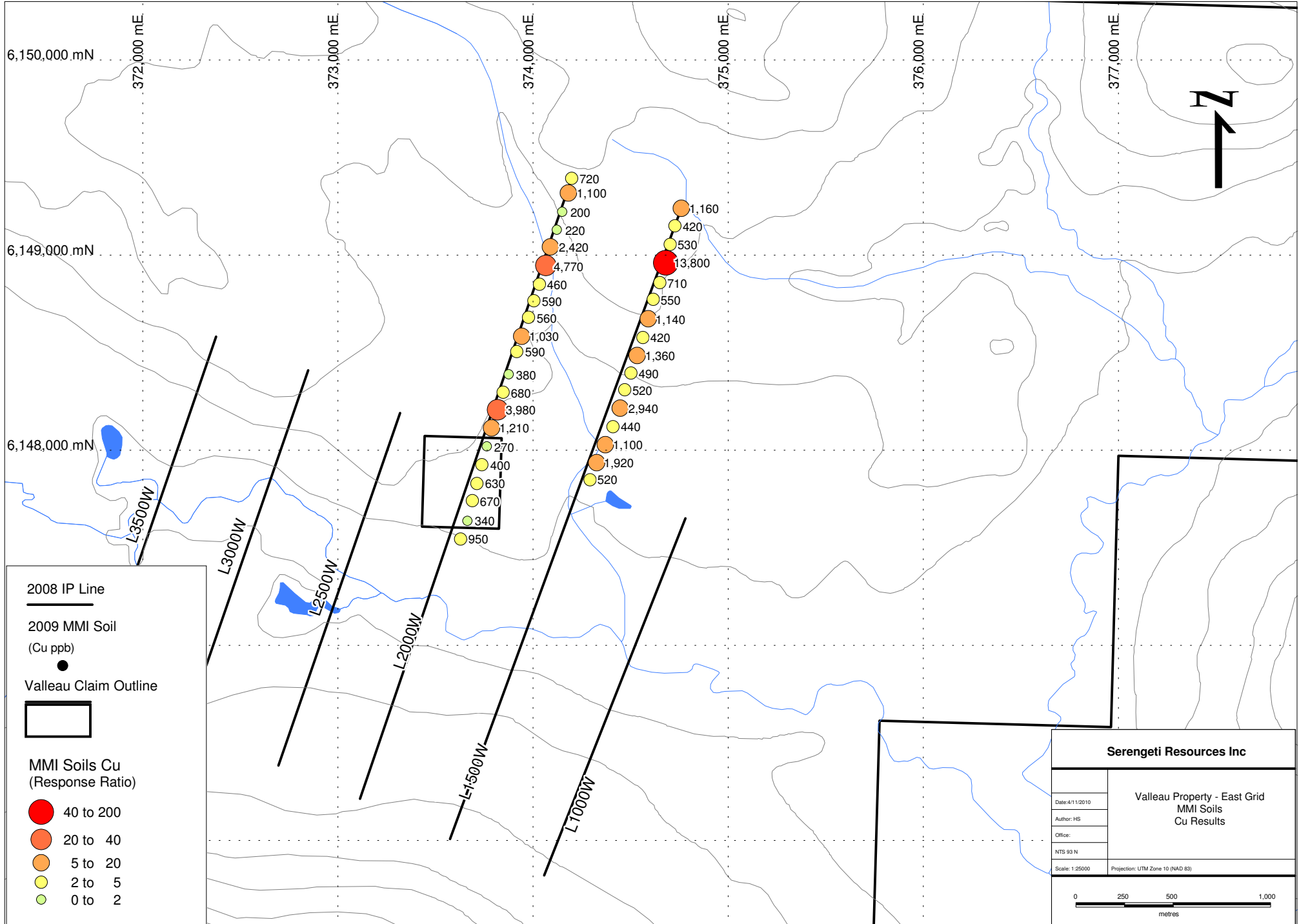


Sample ID	Easting	Northing	Sample Type	Cu (ppm)	Mo (ppm)	Ag (ppm)	Cr (ppm)	Mn (ppm)	Fe (%)	Co (ppm)	Ni (ppm)	Zn (ppm)	As (ppm)	Sr (ppm)	Ba (ppm)	La (ppm)	Pb (ppm)
L1500N-7000E	374292	6147849	B-Horizon	49.3	0.5	1	82	305	4.31	14	15	46.8	1.5	32	37	4.9	4
L1500N-7100E	374326	6147937	B-Horizon	40.7	0.5	1	81	619	4.8	18	15	59.6	5	46.5	54	3.7	3
L1500N-7200E	374370	6148029	B-Horizon	54.1	0.5	1	108	711	6.13	31	23	76.3	1.5	89.3	108	4.2	2
L1500N-7300E	374410	6148120	B-Horizon	30	0.5	1	95	348	4.46	19	21	53	1.5	68.5	106	2.5	1
L1500N-7400E	374447	6148216	B-Horizon	68.2	0.5	1	58	407	3.92	13	11	44.8	1.5	91	102	3.8	6
L1500N-7500E	374470	6148310	B-Horizon	24.7	0.5	1	48	278	3.96	13	10	50.6	4	42.9	56	2	5
L1500N-7600E	374502	6148396	B-Horizon	30.2	0.5	1	40	432	4	10	9	47	1.5	29.7	65	5.4	7
L1500N-7700E	374534	6148486	B-Horizon	168	2	1	26	818	6.95	23	14	115	1.5	34.1	107	8.5	7
L1500N-7800E	374563	6148578	B-Horizon	102	2	1	29	239	5.14	13	8	58.7	4	18.6	67	6.4	11
L1500N-7900E	374591	6148674	B-Horizon	74.3	2	1	37	228	4.7	15	9	33.4	3	30.6	74	4.1	4
L1500N-8000E	374616	6148773	B-Horizon	48.2	0.5	1	46	327	4.33	13	10	50.8	1.5	38.1	54	5.1	6
L1500N-8100E	374650	6148860	B-Horizon	219	4	1	24	439	8	22	11	137	1.5	21.9	338	17.3	7
L1500N-8200E	374680	6148961	B-Horizon	671	4	1	56	1350	3.06	13	16	50.8	1.5	60.3	73	17.7	6
L1500N-8300E	374703	6149055	B-Horizon	81.7	3	1	63	910	3.61	15	17	64.7	1.5	55.6	83	8.2	4
L1500N-8400E	374727	6149151	B-Horizon	12.8	0.5	1	20	129	1.48	5	6	21.1	1.5	32.5	59	5.9	7
L1500N-8500E	374760	6149241	B-Horizon	37.7	0.5	1	33	277	2.54	12	14	40.4	1.5	41.1	74	2.4	4
L7000N-6100E	369245	6149622	B-Horizon	116	0.5	1	67	957	4.42	22	24	75.9	9	47.9	114	10.5	7
L7000N-6200E	369317	6149695	B-Horizon	69.3	0.5	1	70	618	5.31	20	21	80.5	9	50	63	6.5	6
L7000N-6300E	369385	6149792	B-Horizon	80.1	0.5	1	57	794	4.05	18	22	59.1	7	46.9	90	8.3	6
L7000N-6400E	369449	6149836	B-Horizon	122	0.5	1	57	761	4.59	20	22	73.5	6	44.6	105	6.1	5
L7000N-6500E	369519	6149914	B-Horizon	61.1	0.5	1	66	491	5.31	16	17	82.3	8	37.5	57	5.6	5
L7000N-6600E	369595	6149984	B-Horizon	133	1	1	72	579	4.39	19	22	66.9	6	66.1	100	11.2	6
L7000N-6700E	369654	6150059	B-Horizon	83.3	0.5	1	76	604	4.71	19	22	53.8	7	65.3	74	6.6	4
L7000N-6800E	369720	6150135	B-Horizon	80.7	0.5	1	72	998	5.35	24	23	60.6	4	69.3	102	6.4	5
L7000N-6900E	369785	6150207	B-Horizon	124	0.5	1	61	595	4.34	20	21	58.2	10	64.4	97	7.1	3
L7000N-7000E	369857	6150275	B-Horizon	31.3	1	1	46	787	4.76	19	14	61.1	8	64.4	147	4.7	4
L7000N-7100E	369915	6150352	B-Horizon	63.5	0.5	1	38	426	4.51	17	14	60.4	6	53.3	49	5.4	4
L7000N-7200E	369991	6150417	B-Horizon	99.1	0.5	1	34	614	5.15	23	17	87.5	6	57.4	62	5.8	4
L7000N-7300E	370047	6150500	B-Horizon	72.1	0.5	1	27	720	3.89	15	11	51.7	5	58.5	64	7.7	6
L7000N-7400E	370119	6150559	B-Horizon	26.8	0.5	1	30	313	4.05	9	10	52.8	6	35.7	58	4.9	6
L7000N-7500E	370190	6150628	B-Horizon	18.2	0.5	1	44	249	3.63	10	12	49.4	8	33.1	56	3.8	6
L7000N-7600E	370253	6150696	B-Horizon	57.2	0.5	1	68	797	4.45	24	27	91.8	6	45.7	239	4.3	6
L7000N-7700E	370318	6150765	B-Horizon	41.9	0.5	1	18	554	2.98	9	8	50	10	41	119	6	7
L7000N-7800E	370387	6150846	B-Horizon	71	0.5	1	34	756	4.43	18	16	95.4	8	62.5	263	8.6	4
L7000N-7900E	370453	6150912	B-Horizon	132	1	1	36	1320	4.78	20	18	103	7	90.6	308	11.8	6
L7000N-8300E	370724	6151197	B-Horizon	152	0.5	1	58	986	4.04	17	23	79.6	8	55.5	234	10	7
L7000N-8400E	370794	6151268	B-Horizon	257	0.5	1	142	1270	4.75	21	26	47.6	1.5	76.6	113	3.2	5
L7000N-8500E	370862	6151342	B-Horizon	35.6	0.5	1	188	1290	4.05	22	36	53.5	5	74.5	128	2	3
L7000N- 8900E	371129	6151632	B-Horizon	42.9	0.5	1	121	378	6.24	17	25	51.2	5	32.4	48	3.6	7
L7000N- 9000E	371197	6151704	B-Horizon	220	0.5	1	142	739	5.44	20	30	51.7	8	56	197	5.7	5
L7000N- 9100E	371265	6151785	B-Horizon	29.1	0.5	1	222	319	4.84	16	32	48.8	4	18	55	1.8	5
L7000N- 9200E	371335	6151850	B-Horizon	85.1	0.5	1	106	628	5.69	21	37	67.4	8	17	98	4.1	10
L7000N- 9300E	371407	6151932	B-Horizon	334	0.5	1	70	912	3.62	14	26	60.3	6	46.9	116	8.8	6
L7000N- 9400E	371473	6151994	B-Horizon	84.4	0.5	1	102	1300	5.64	26	39	94.7	4	22.8	182	3.8	8
L7000N- 9500E	371540	6152072	B-Horizon	86.8	0.5	1	110	554	5.25	23	36	68	8	23.4	121	3	6
L7000N- 9600E	371608	6152147	B-Horizon	46.8	0.5	1	90	514	4.59	17	32	61	4	25.4	86	3.2	7
L7000N- 9700E	371674	6152219	B-Horizon	14.7	0.5	1	49	318	3.42	11	16	53.1	1.5	35.8	56	4.8	6
L7000N- 9800E	371737	6152290	B-Horizon	77.9	0.5	1	95	525	5.22	20	32	72.5	7	23.9	45	4.3	8
L7000N- 9900E	371804	6152370	B-Horizon	47.8	0.5	1	48	402	4.86	14	23	63.9	10	27	46	5.2	9
L7000N-10000E	371862	6152428	B-Horizon	32.5	0.5	1	48	387	3.67	11	16	59.4	7	38.1	106	4.9	5

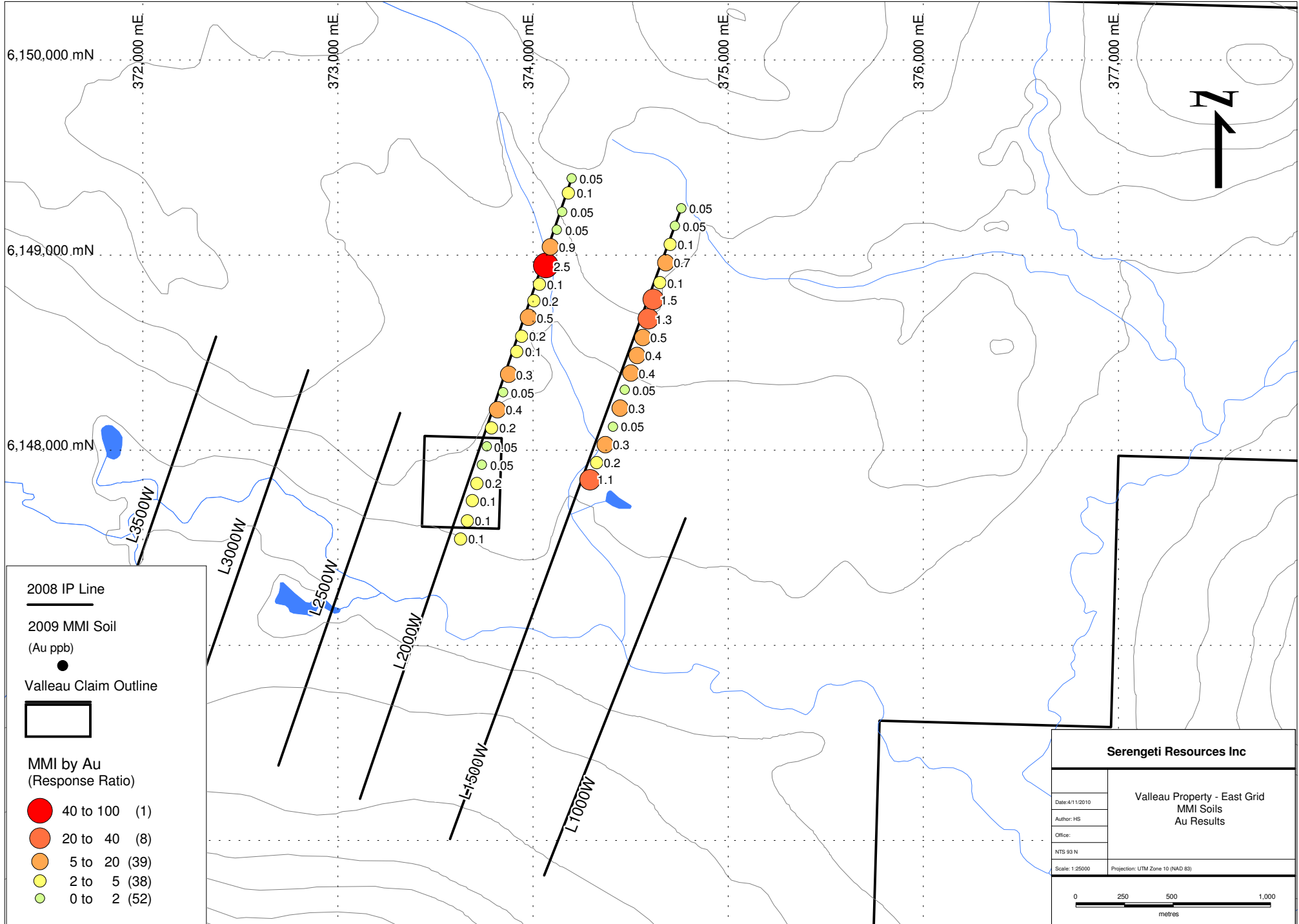
Sample ID	Easting	Northing	Sample Type	Cu (ppm)	Mo (ppm)	Ag (ppm)	Cr (ppm)	Mn (ppm)	Fe (%)	Co (ppm)	Ni (ppm)	Zn (ppm)	As (ppm)	Sr (ppm)	Ba (ppm)	La (ppm)	Pb (ppm)
L7000N-10100E	371921	6152493	B-Horizon	124	0.5	1	104	1050	4.98	30	40	77	21	45.9	135	5.4	5
L2000N- 6500E	373629	6147545	B-Horizon	37.7	0.5	1	39	527	3	10	9	45.6	4	33.1	58	4.9	6
L2000N- 6600E	373664	6147639	B-Horizon	45.5	0.5	1	62	351	3.8	12	16	48	6	34.7	53	5.2	5
L2000N- 6700E	373689	6147742	B-Horizon	74	0.5	1	96	393	4.47	19	25	64.5	3	35.5	60	5	3
L2000N- 6800E	373713	6147830	B-Horizon	41.8	0.5	1	85	353	3.95	14	19	64.4	1.5	38	56	4.7	5
L2000N- 6900E	373738	6147926	B-Horizon	12.9	0.5	1	99	293	3.82	11	14	39.5	3	40.1	61	2.3	3
L2000N- 7000E	373763	6148020	B-Horizon	28.3	0.5	1	154	441	5.09	20	29	65.3	7	32.5	34	3.4	2
L2000N- 7100E	373787	6148114	B-Horizon	37.3	0.5	1	67	386	3.29	12	13	25.8	4	47.1	26	3.5	3
L2000N- 7200E	373818	6148208	B-Horizon	88.4	0.5	1	58	262	3.44	10	10	27.4	8	54	34	6.6	4
L2000N- 7300E	373846	6148298	B-Horizon	38.9	2	1	42	617	2.84	14	12	38.6	6	67	38	2.8	4
L2000N- 7400E	373875	6148390	B-Horizon	23.1	0.5	1	63	340	4.09	13	12	45	4	34.8	37	3.3	3
L2000N- 7500E	373917	6148506	B-Horizon	19.9	0.5	1	31	296	2.67	11	9	38.8	5	50	56	3.7	5
L2000N- 7600E	373942	6148585	B-Horizon	56.8	0.5	1	63	870	3.87	16	13	41.1	6	49.3	43	4.4	4
L2000N- 7700E	373976	6148682	B-Horizon	71.9	0.5	1	57	392	3.48	13	14	43.1	4	49.7	56	4.9	3
L2000N- 7800E	374004	6148767	B-Horizon	64	0.5	1	82	599	4.72	16	15	43.5	5	48.5	36	4.4	1
L2000N- 7900E	374033	6148851	B-Horizon	30.4	0.5	1	52	353	4.14	12	11	43	6	43.7	44	4.3	4
L2000N- 8000E	374065	6148947	B-Horizon	111	0.5	1	80	926	4.59	21	19	60.2	6	83.9	50	7.1	3
L2000N- 8100E	374089	6149043	B-Horizon	62.6	0.5	1	90	699	4.83	17	20	48.6	6	45.3	73	5.9	3
L2000N- 8200E	374122	6149131	B-Horizon	18	0.5	1	42	193	3.28	7	7	26.8	4	40.4	74	4.9	4
L2000N- 8300E	374149	6149223	B-Horizon	6.7	0.5	1	33	208	1.81	4	5	17.1	5	36	34	3.6	4
L2000N- 8400E	374181	6149318	B-Horizon	74.2	0.5	1	24	815	6.45	16	10	68.9	7	17.2	88	3.6	5
L2000N- 8500E	374198	6149394	B-Horizon	29.8	2	1	39	571	3.32	11	10	52.5	7	35.4	44	3	5
L8000N- 8200E	369930	6151811	B-Horizon	14	0.5	1	26	148	2.02	3	8	37.5	5	29	89	6.7	3
L8000N- 8300E	369997	6151889	B-Horizon	66.5	0.5	1	75	475	3.76	16	25	56.7	10	44.4	68	5.3	4
L8000N- 8400E	370063	6151955	B-Horizon	103	5	1	61	1510	3.35	15	22	63	8	59.5	115	6.5	8
L8000N- 8500E	370127	6152039	B-Horizon	87.5	2	1	53	298	3.46	9	14	48.7	9	70	118	4.9	6
L8000N- 8600E	370195	6152086	B-Horizon	14.7	0.5	1	40	156	2.3	6	10	30.5	5	31.3	56	5	4
L8000N- 8700E	370259	6152172	B-Horizon	8.9	0.5	1	37	142	1.83	5	10	28.9	3	34.2	55	5.4	3
L8000N- 8800E	370330	6152250	B-Horizon	9.2	0.5	1	48	176	2.69	5	12	36.1	6	30.1	31	3.2	7
L8000N- 8900E	370396	6152327	B-Horizon	84.5	3	1	68	514	4.61	16	19	67.9	6	37.4	113	1.8	4
L8000N- 9000E	370456	6152383	B-Horizon	103	1	1	76	404	5.14	17	26	70.1	9	29	53	2.1	4
L8000N- 9100E	370516	6152459	B-Horizon	77	3	1	63	1090	4.16	23	20	93.6	5	41.7	97	4.1	6
L8000N- 9200E	370586	6152519	B-Horizon	57.3	2	1	56	747	3.86	15	18	98.3	3	43.2	208	2.7	4
L8000N- 9300E	370654	6152593	B-Horizon	276	3	1	66	2480	4.3	25	30	138	9	61.5	145	5.4	6
L8000N- 9400E	370732	6152660	B-Horizon	384	4	1	68	1450	5.61	26	36	119	7	47.6	72	6.1	6
L8000N- 9500E	370791	6152736	B-Horizon	81.1	3	1	56	1540	3.93	17	18	106	9	52	83	6	6
L8000N- 9600E	370857	6152803	B-Horizon	25.1	0.5	1	30	422	4.4	12	11	62.8	5	45.3	67	1.4	1
L8000N- 9700E	370917	6152873	B-Horizon	44.1	0.5	1	53	874	3.78	14	12	76.1	5	42.7	164	2	4
L8000N- 9800E	370978	6152936	B-Horizon	56.3	0.5	1	48	764	3.69	10	18	73.3	8	34.3	119	5.6	7
L8000N- 9900E	371038	6153014	B-Horizon	104	1	1	271	1130	4.11	36	74	49.6	7	21.8	95	2.5	3
L8000N-10000E	371101	6153082	B-Horizon	67.4	0.5	1	43	1030	4.38	13	16	67	15	10.3	114	3.6	7
L8000N-10100E	371168	6153155	B-Horizon	78.5	0.5	1	49	364	3.6	10	25	54.7	10	37.7	67	16.3	7
L6500N-5300E	369105	6148702	B-Horizon	45.7	1	1	16	214	1.59	5	6	23.7	4	61.3	50	3.4	3
L6500N-5400E	369175	6148769	B-Horizon	57.3	1	1	18	242	3.37	8	6	25.8	3	50.2	51	2.3	3
L6500N-5500E	369246	6148837	B-Horizon	35.3	0.5	1	22	267	3.84	9	8	34.9	8	44	69	2.4	3
L6500N-5600E	369317	6148897	B-Horizon	34.2	0.5	1	31	265	4.63	7	9	34.3	5	34.8	33	3.2	4
L6500N-5800E	369453	6149042	B-Horizon	14.4	0.5	1	25	169	1.75	7	8	19.2	4	50.2	33	1.7	3
L6500N-6200E	369694	6149351	B-Horizon	104	5	1	25	923	2.6	28	10	34	5	69.8	87	4.1	3
L6500N-6300E	369751	6149434	B-Horizon	27.6	0.5	1	35	509	4.59	9	10	63.2	7	32.1	47	3.4	5
L6500N-6400E	369808	6149512	B-Horizon	34.3	0.5	1	47	430	5.31	11	14	67.4	7	31.2	54	2.8	7

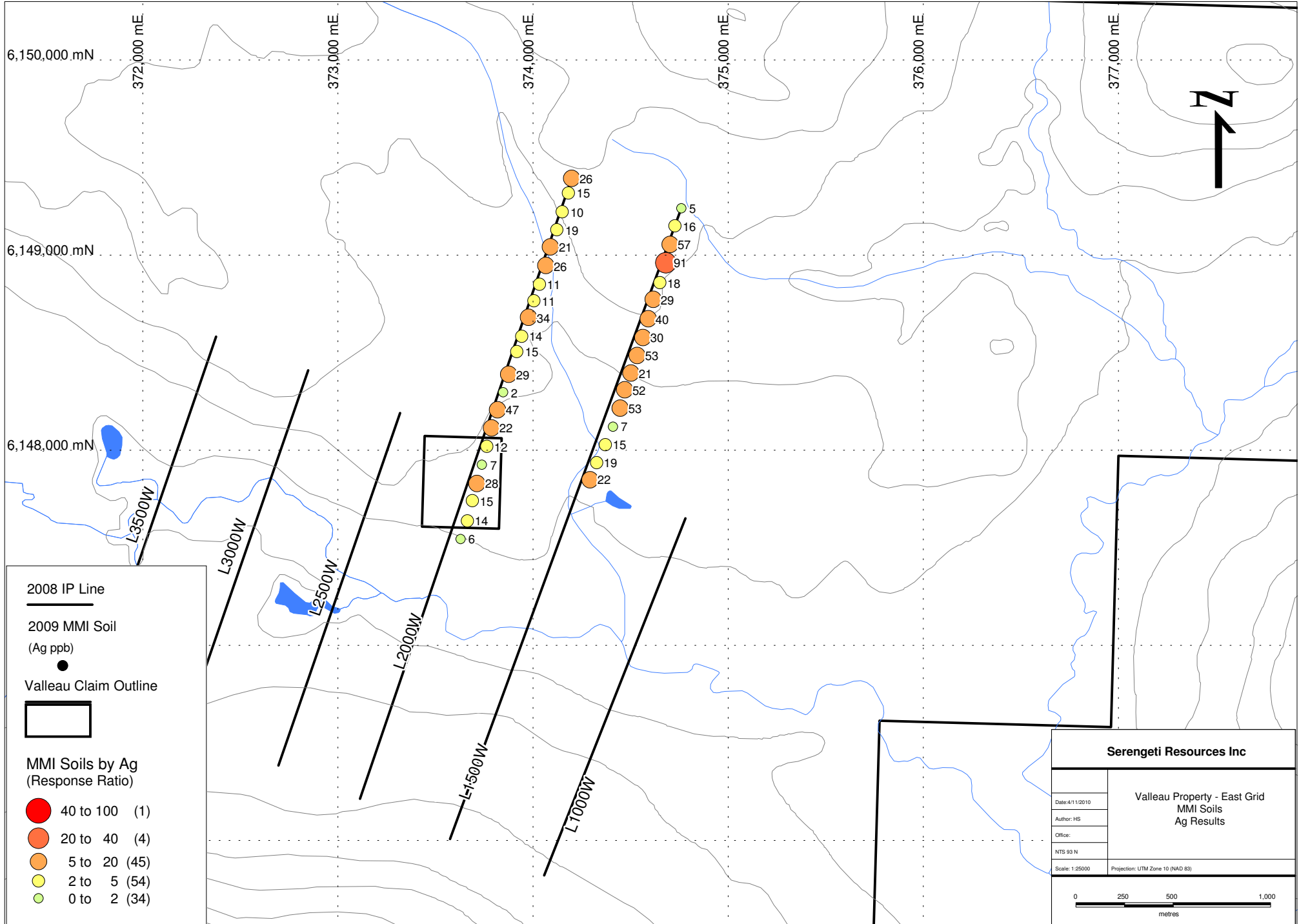
Sample ID	Easting	Northing	Sample Type	Cu (ppm)	Mo (ppm)	Ag (ppm)	Cr (ppm)	Mn (ppm)	Fe (%)	Co (ppm)	Ni (ppm)	Zn (ppm)	As (ppm)	Sr (ppm)	Ba (ppm)	La (ppm)	Pb (ppm)
L6500N-6500E	369877	6149590	B-Horizon	6.7	0.5	1	18	100	1.8	2	5	15.9	5	31.2	36	5.6	5
L6500N-6600E	369971	6149629	B-Horizon	47.2	0.5	1	35	404	4.5	12	12	64.7	6	45	75	4.6	4
L6500N-6800E	370122	6149771	B-Horizon	37.4	0.5	1	43	348	3.62	11	15	46.3	7	39.4	72	5.8	5
L6500N-6900E	370179	6149838	B-Horizon	32.3	0.5	1	40	234	2.75	7	12	39.7	9	36.7	70	7.7	5
L6500N-7000E	370244	6149920	B-Horizon	68.6	0.5	1	84	340	4.16	12	21	42.3	8	41.4	76	9.5	4
L6500N-7100E	370310	6149992	B-Horizon	50.1	0.5	1	52	333	3.22	11	17	47	5	37.5	89	9.6	6
L6500N-7200E	370376	6150058	B-Horizon	17.3	0.5	1	115	307	3.47	14	17	48.9	1.5	42.8	56	6.2	3
L6500N-7300E	370438	6150133	B-Horizon	23.9	0.5	1	175	391	4.58	19	41	63	1.5	49.6	143	5.1	6
L6500N-7400E	370498	6150211	B-Horizon	61.6	0.5	1	219	1060	6.73	33	57	71.6	5	33.7	162	5.6	3
L6500N-7500E	370568	6150268	B-Horizon	54.2	0.5	1	271	250	6.28	24	58	63.1	6	25.2	44	2.3	4
L6500N-7600E	370628	6150350	B-Horizon	25.3	0.5	1	172	394	4.45	15	27	41.5	5	33.1	50	1.8	5
L6500N-7700E	370699	6150421	B-Horizon	31.8	2	1	94	349	4.82	16	21	44.2	5	58.6	220	1.9	5
L6500N-7800E	370765	6150497	B-Horizon	23.9	1	1	148	283	4.96	14	23	46.7	6	42.8	121	1.8	3
L6500N-7900E	370832	6150559	B-Horizon	24.3	0.5	1	116	307	4.2	12	22	45.2	3	41.4	46	1.9	4
L6500N-8000E	370888	6150642	B-Horizon	69.1	0.5	1	50	562	5.75	21	16	92.5	4	75.1	52	2.3	5
L6500N-8100E	370956	6150716	B-Horizon	18.8	0.5	1	25	314	4.63	14	11	63	1.5	17.5	173	3.2	5
L6500N-8200E	371023	6150780	B-Horizon	25.4	0.5	1	75	448	4	18	21	60.1	7	103	125	1.4	2
L6500N-8300E	371090	6150858	B-Horizon	9.7	0.5	1	178	795	8.36	39	88	79.9	1.5	28.4	128	2	4
L6500N-8400E	371163	6150922	B-Horizon	19.1	0.5	1	32	301	5.04	15	12	44.8	4	104	78	1.3	3
L6500N-8500E	371236	6150985	B-Horizon	0.25	0.5	1	0.5	1	0.005	0.5	0.5	0.25	1.5	0.25	0.5	0.25	1
L5500N-5000E	369599	6147778	B-Horizon	50.1	0.5	1	25	302	2.98	9	11	35.3	1.5	58.9	76	3	1
L5500N-5100E	369659	6147836	B-Horizon	41.2	0.5	1	25	262	2.53	8	11	29.2	6	56.6	72	2.6	2
L5500N-5200E	369734	6147902	B-Horizon	29.4	0.5	1	21	210	1.95	6	8	24	1.5	62	66	2.8	2
L5500N-5300E	369802	6147969	B-Horizon	26.3	0.5	1	19	206	1.83	6	8	23.1	4	65.6	65	3.2	3
L5500N-5400E	369865	6148021	B-Horizon	132	0.5	1	45	346	2.82	12	15	51	4	86.6	82	3.4	5
L5500N-5500E	369949	6148107	B-Horizon	17.7	0.5	1	14	245	1.93	8	7	32.8	8	53.7	47	2.2	3
L5500N-5700E	370077	6148254	B-Horizon	19.8	0.5	1	16	83	1.61	2	4	13.5	1.5	37.4	107	4.8	4
L5500N-5800E	370145	6148330	B-Horizon	20.2	0.5	1	24	138	1.08	3	9	15	4	36	72	3.1	7
L5500N-5900E	370211	6148411	B-Horizon	34.2	0.5	1	50	374	5.41	13	15	64.6	4	54.6	72	3.7	5
L5500N-6100E	370340	6148563	B-Horizon	43.6	0.5	1	38	553	4.78	12	13	65.9	6	35.7	57	4.4	4
L5500N-6200E	370406	6148637	B-Horizon	164	0.5	1	47	505	4.52	17	18	56.8	1.5	48	89	5.8	4
L5500N-6300E	370468	6148706	B-Horizon	113	0.5	1	42	468	3.88	15	17	59.7	6	38.2	74	3.5	3
L5500N-6400E	370536	6148791	B-Horizon	68.5	0.5	1	50	383	4.3	12	14	51.4	4	32.5	53	3.7	3
L5500N-6500E	370602	6148866	B-Horizon	62.4	0.5	1	39	448	3.34	11	12	35.8	6	51.5	84	8.5	5
L5500N-6600E	370663	6148940	B-Horizon	63.8	0.5	1	48	866	4.94	15	14	91.9	1.5	49.5	49	3.1	6
L5500N-6700E	370724	6149010	B-Horizon	36.7	0.5	1	43	347	4.21	9	12	52.8	9	39.3	58	4.9	5
L5500N-6800E	370776	6149074	B-Horizon	33	0.5	1	154	408	5.65	17	24	60.8	1.5	50.9	63	2.2	3

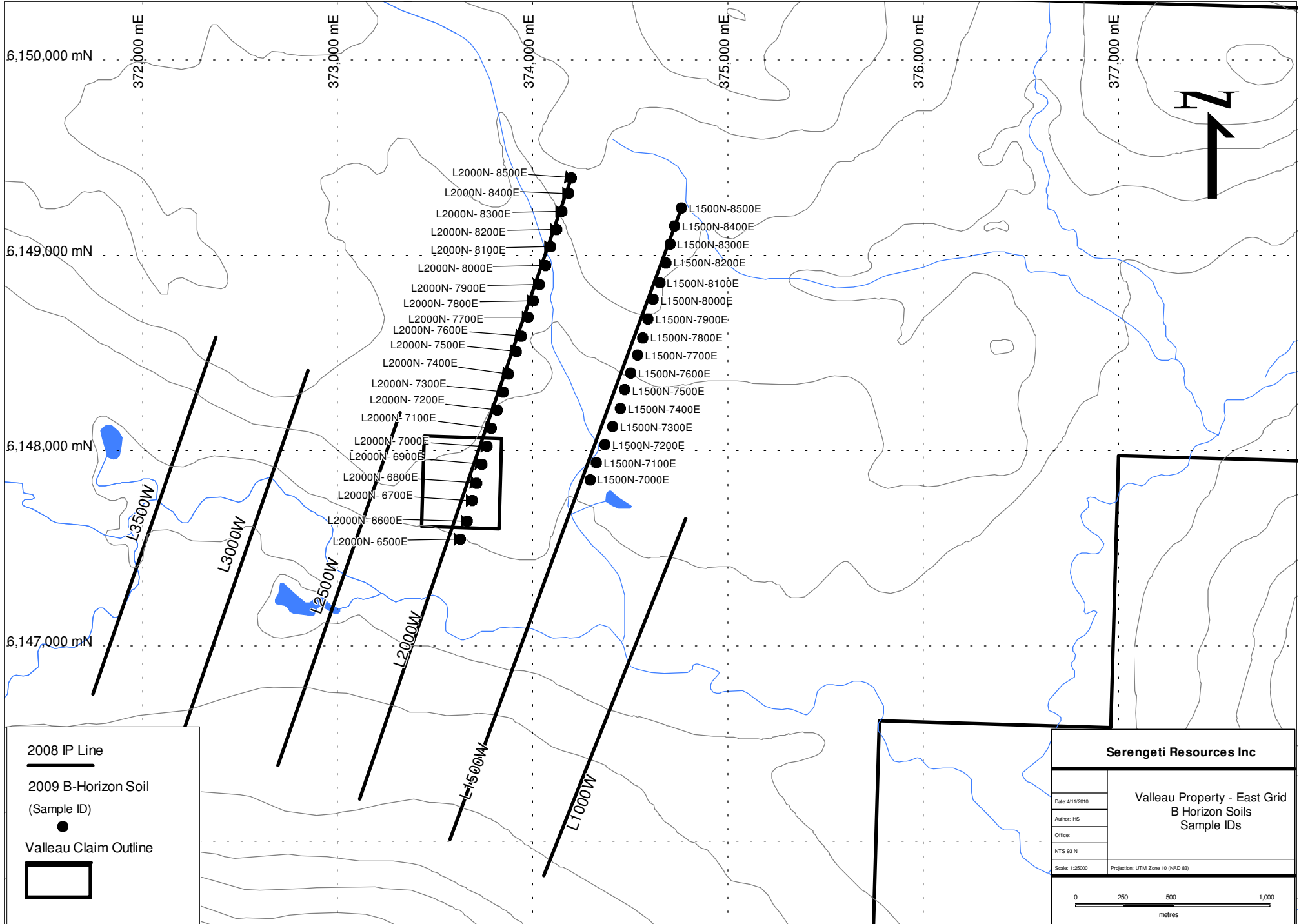




Response Ratio	Value
40 to 200	13,800
20 to 40	1,160, 1,100, 1,140, 1,360, 1,920, 1,100
5 to 20	720, 200, 220, 2,420, 4,770, 460, 590, 560, 1,030, 590, 380, 680, 3,980, 1,210, 270, 400, 630, 670, 340, 950, 710, 550, 420, 490, 520, 2,940, 440, 520
2 to 5	
0 to 2	







6,150,000 mN

6,149,000 mN

6,148,000 mN

6,147,000 mN

372,000 mE

373,000 mE

374,000 mE

375,000 mE

376,000 mE

377,000 mE

- L2000N-8500E
- L2000N-8400E
- L2000N-8300E
- L2000N-8200E
- L2000N-8100E
- L2000N-8000E
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- L1500N-7500E
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L3500W

L3000W

L2500W

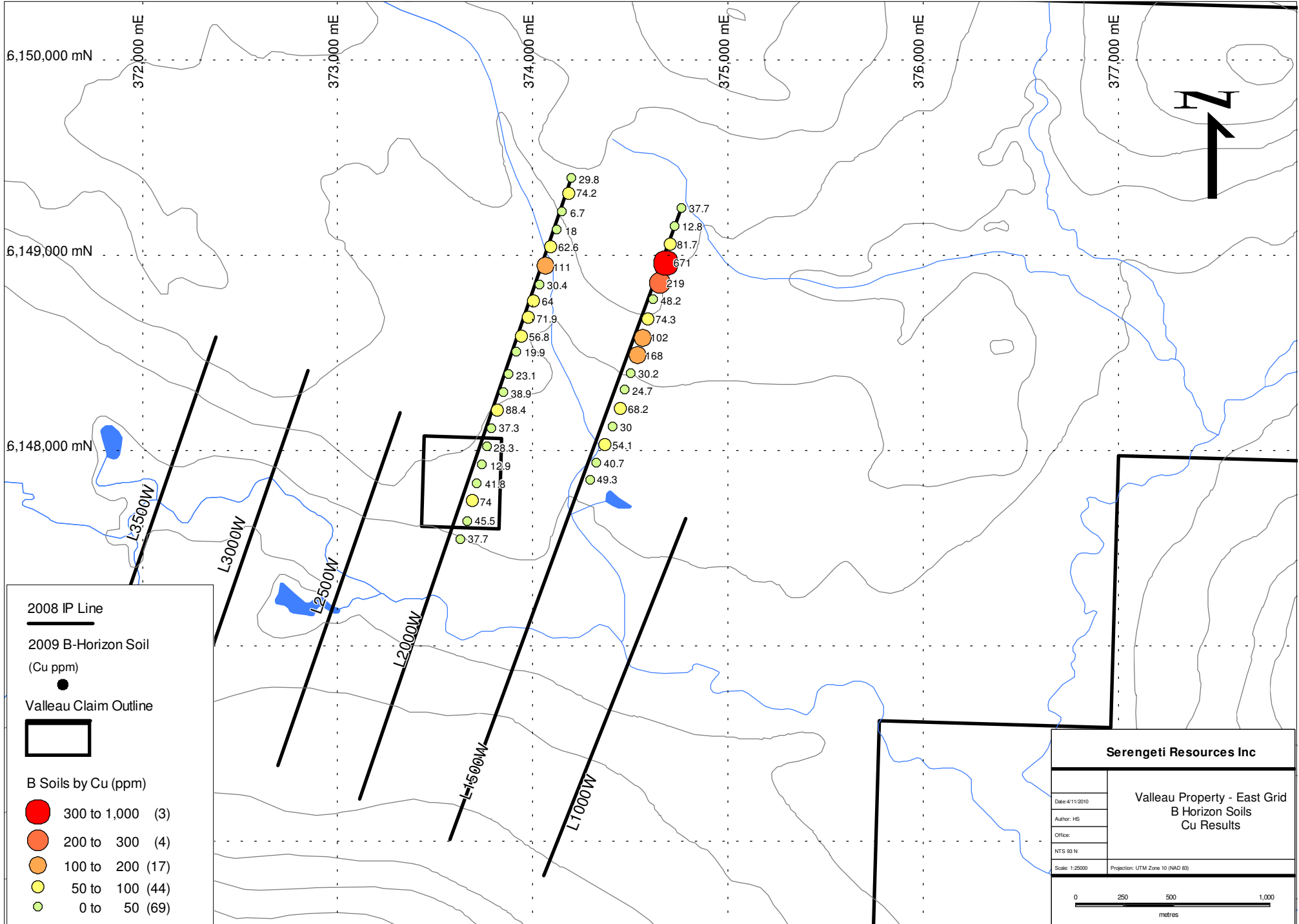
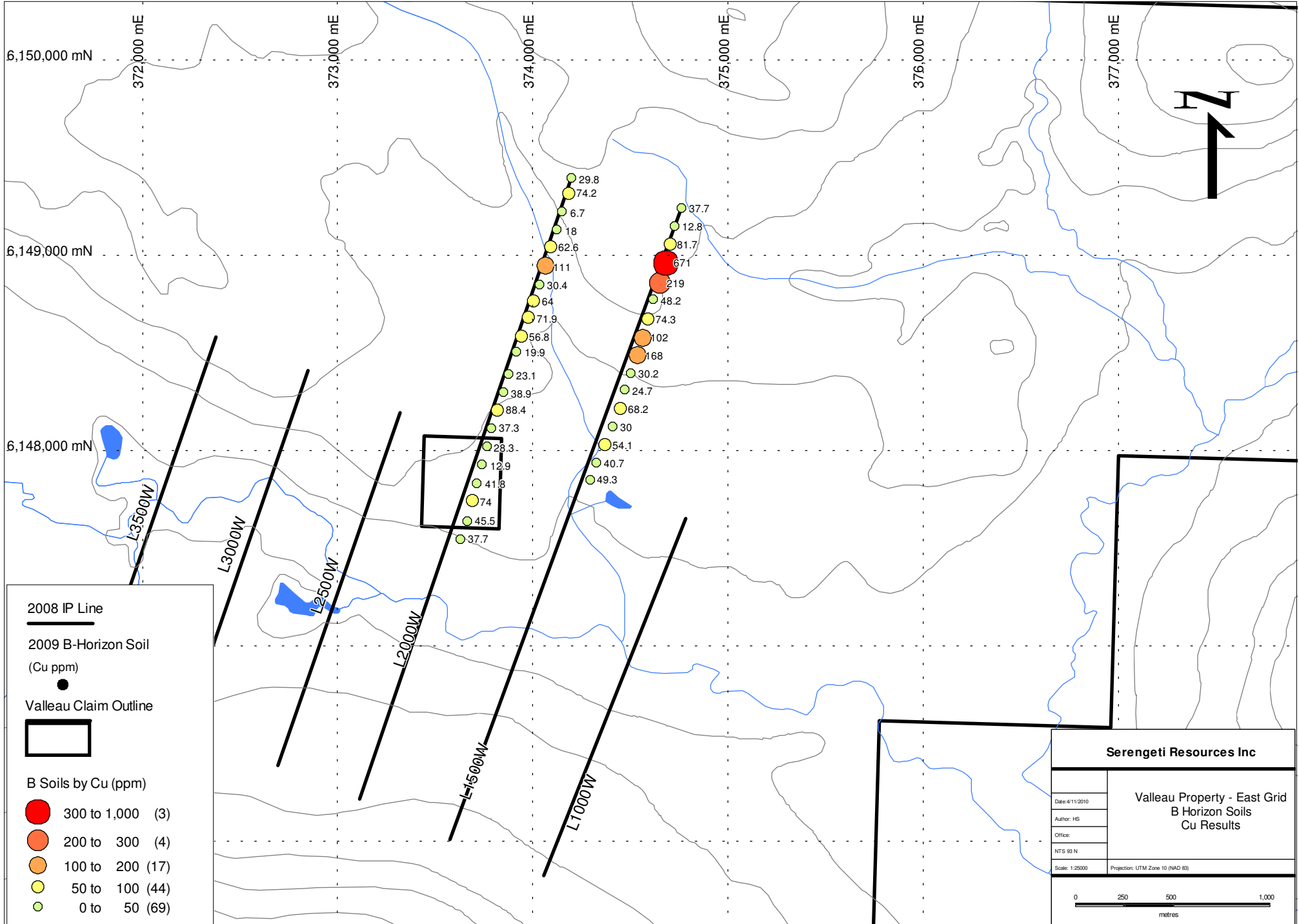
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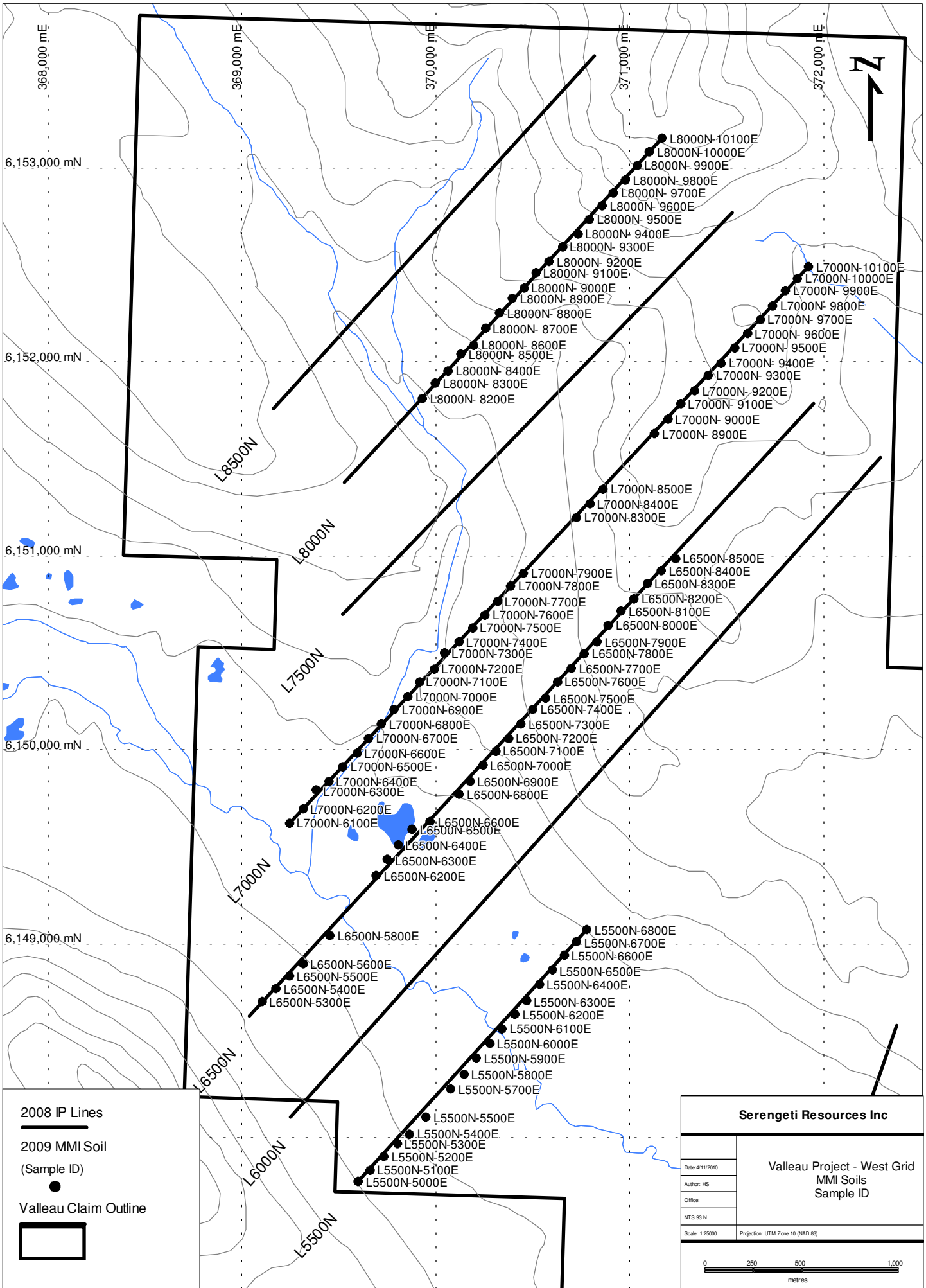
L1500W

L1000W



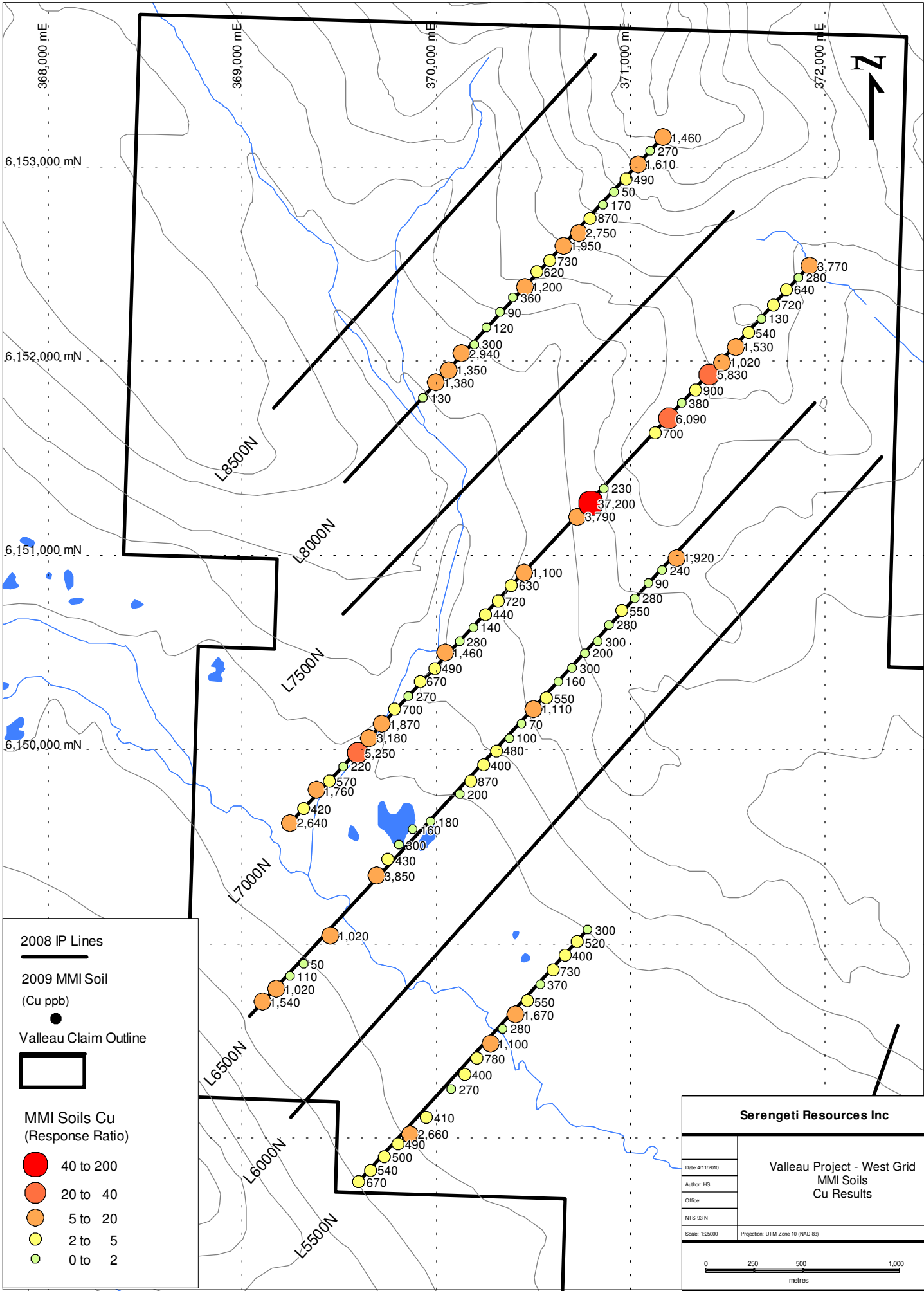









2008 IP Lines  
 2009 MMI Soil  
 (Sample ID)  
 Valleu Claim Outline

<b>Serengeti Resources Inc</b>	
Date: 4/11/2010	Valleu Project - West Grid MMI Soils Sample ID
Author: HS	
Office:	
NTS 99 N	
Scale: 1:2000	Projection: UTM Zone 10 (NAD 83)









**2008 IP Lines**  


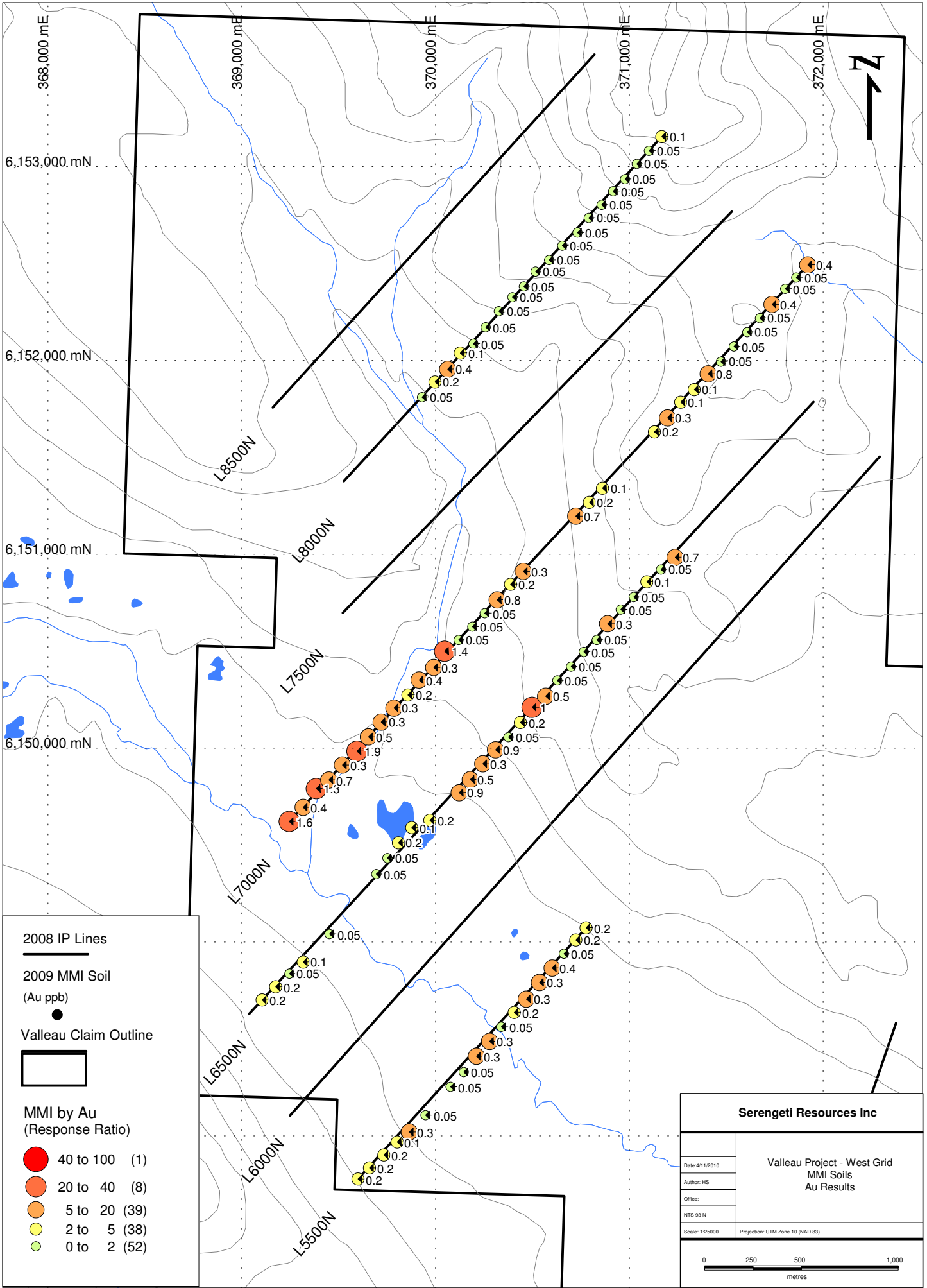
**2009 MMI Soil (Cu ppb)**  


**Valleau Claim Outline**  


**MMI Soils Cu (Response Ratio)**

-  40 to 200
-  20 to 40
-  5 to 20
-  2 to 5
-  0 to 2

Serengeti Resources Inc	
Date: 4/11/2010	Valleau Project - West Grid MMI Soils Cu Results
Author: HS	
Office:	
NTS 99 N	
Scale: 1:25000	Projection: UTM Zone 10 (NAD 83)
	



**2008 IP Lines**  
 ————

**2009 MMI Soil (Au ppb)**  
 ●

**Valleau Claim Outline**  
 □

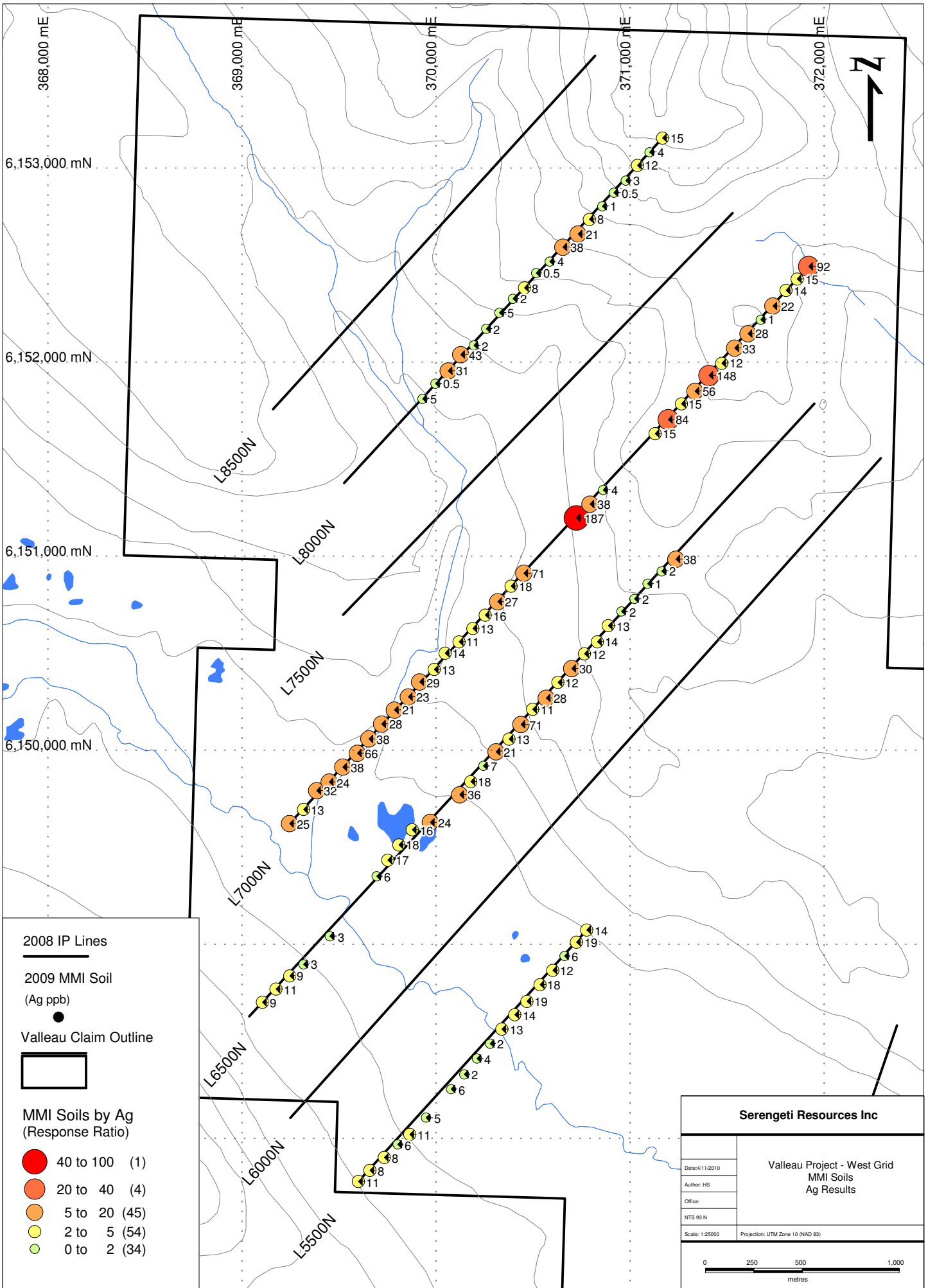
**MMI by Au (Response Ratio)**

- 40 to 100 (1)
- 20 to 40 (8)
- 5 to 20 (39)
- 2 to 5 (38)
- 0 to 2 (52)

**Serengeti Resources Inc**

Date: 4/11/2010	Valleau Project - West Grid MMI Soils Au Results
Author: HS	
Office:	
NTS 93 N	
Scale: 1:25000	Projection: UTM Zone 10 (NAD 83)

0      250      500      1,000  
metres

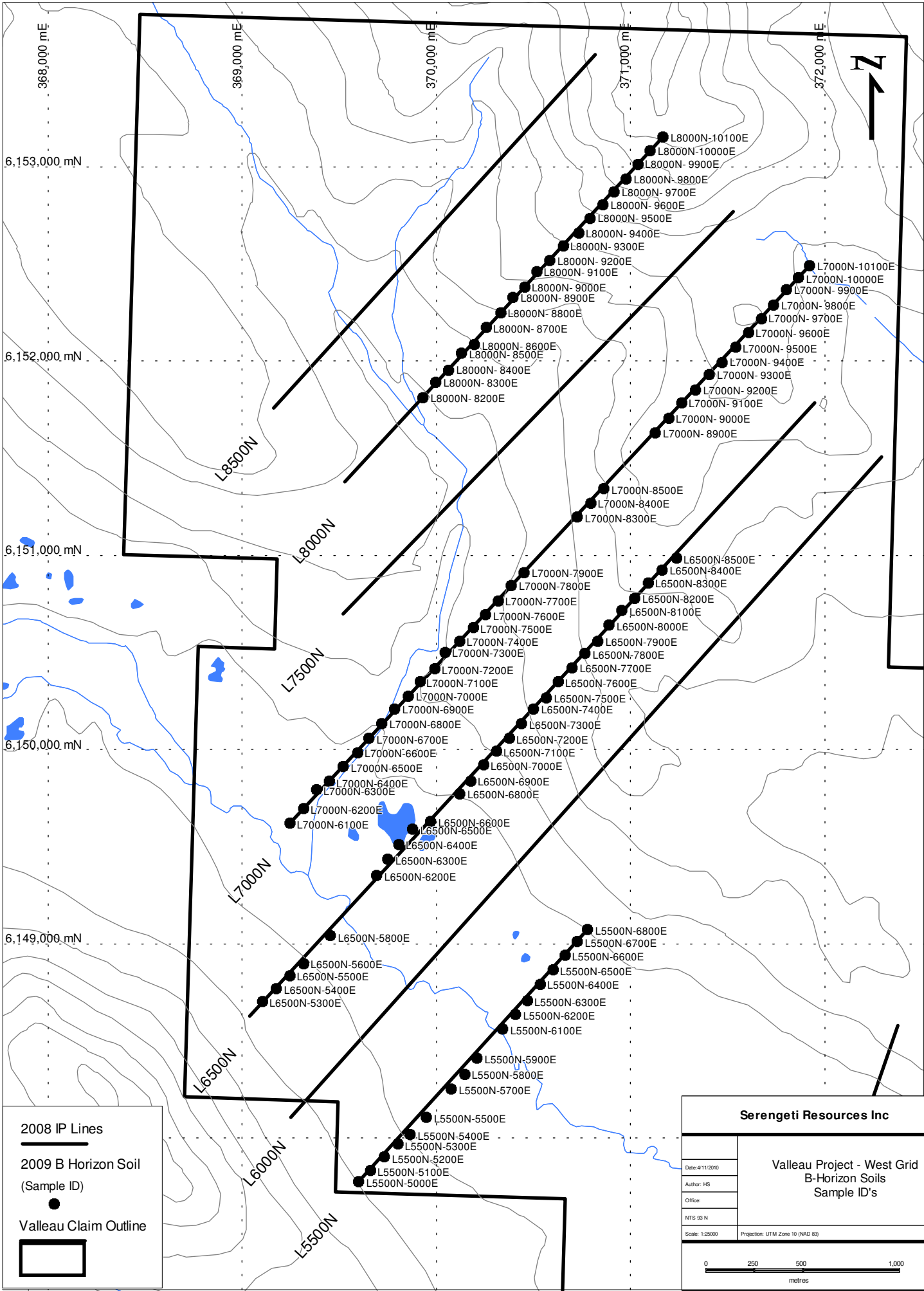


2008 IP Lines  
 2009 MMI Soil (Ag ppb)  
 Valleau Claim Outline

MMI Soils by Ag (Response Ratio)

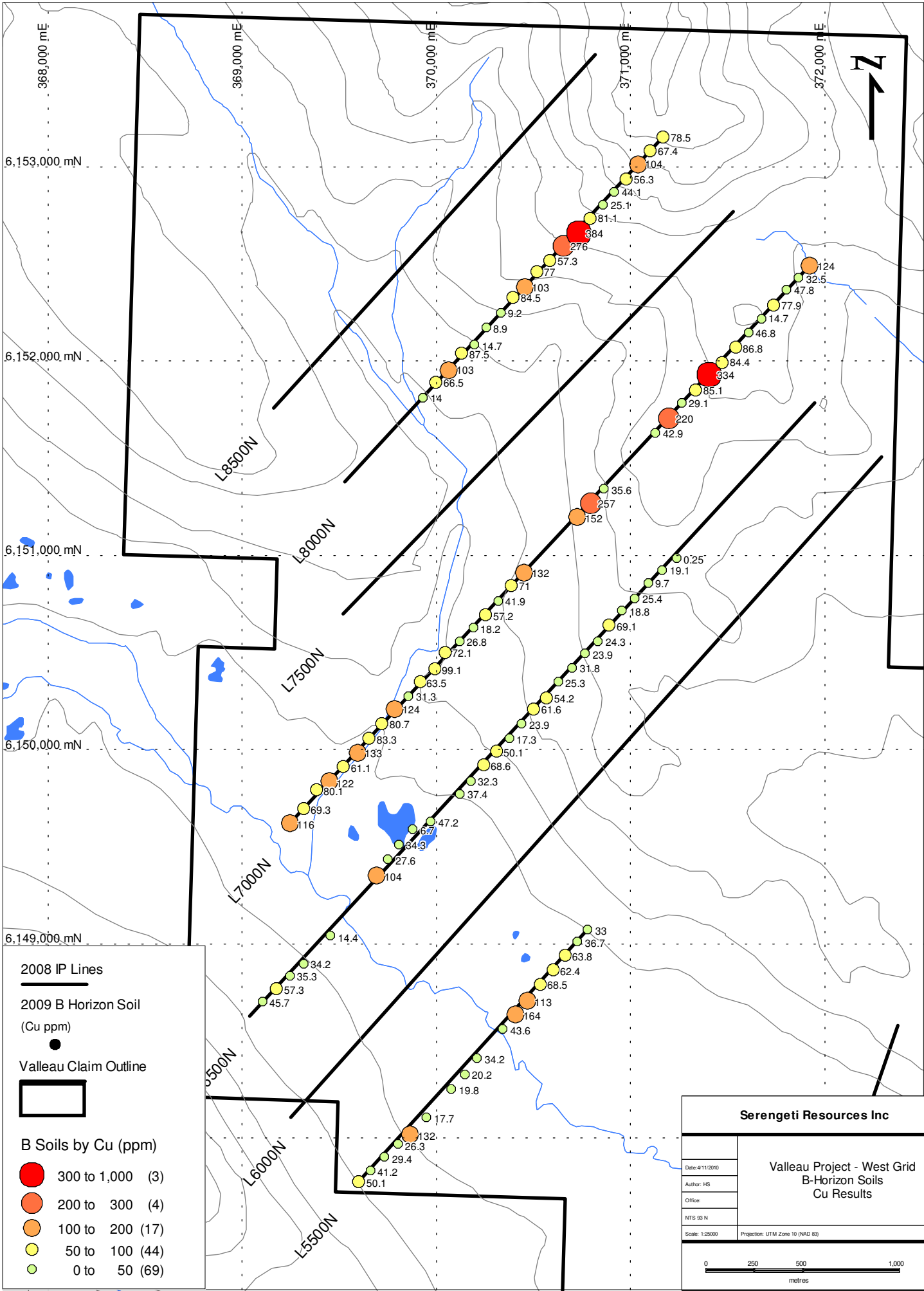
- 40 to 100 (1)
- 20 to 40 (4)
- 5 to 20 (45)
- 2 to 5 (54)
- 0 to 2 (34)

<b>Serengeti Resources Inc</b>	
Date: 4/11/2010	Valleau Project - West Grid MMI Soils Ag Results
Author: HS	
Office:	
NTS 93 N	
Scale: 1:25000	Projection: UTM Zone 10 (NAD 83)



2008 IP Lines  
 2009 B Horizon Soil (Sample ID)  
 Valleu Claim Outline

<b>Serengeti Resources Inc</b>	
Date: 4/11/2010	Valleu Project - West Grid B-Horizon Soils Sample ID's
Author: HS	
Office:	
NTS 99 N	
Scale: 1:25000	Projection: UTM Zone 10 (NAD 83)



**2008 IP Lines**

**2009 B Horizon Soil (Cu ppm)**

**Valleau Claim Outline**

**B Soils by Cu (ppm)**

- 300 to 1,000 (3)
- 200 to 300 (4)
- 100 to 200 (17)
- 50 to 100 (44)
- 0 to 50 (69)

<b>Serengeti Resources Inc</b>	
Date: 4/11/2010	Valleau Project - West Grid B-Horizon Soils Cu Results
Author: HS	
Office:	
NTS 99 N	
Scale: 1:2000	Projection: UTM Zone 10 (NAD 83)

## Appendix D – Analytical Certificates and Procedures



**MMI - M : The Determination of Mobile Metal Ions (MMI) of Cu, Pb, Zn, Cd, Au, Ag, Pd, Co, Ni, U, Nb, Rb, Y, Ba, La, Ta, Ce, Pr, Nd, Sm, Gd, Tb, Er, Yb, Ti, Zr, Ca, Mg, Sr, Al, Sc, Th, Li, Fe, As, Sb, Sn, Bi, Tl, W, Sn, Mo, Te by partial extraction and ICP-MS.**

**1. Parameter(s) measured, unit(s):**

Silver(Ag); Gold (Au); Barium (Ba); Bismuth (Bi); Calcium (Ca); Cadmium (Cd); Cerium (Ce); Copper (Cu);Cobalt (Co);Dysprosium (Dy); Erbium (Er); Europium (Eu); Gadolinium (Gd); Lanthanum (La); Magnesium (Mg), Molybdenum (Mo); Niobium (Nb); Neodymium (Nd); Nickel (Ni); Lead (Pb); Palladium (Pd); Praseodymium (Pr);Rubidium (Rb); Antimony (Sb); Samarium (Sm); Tin (Sn); Strontium (Sr); Tellurium (Te); Thorium (Th); Titanium (Ti); Thallium (Tl); Uranium (U); Tungsten (W); Yttrium (Y); Ytterbium (Yb); Zinc (Zn) and Zirconium (Zr) by partial extraction and ICP-MS. ppb

**2. Typical sample size:**

50 g

**3. Type of sample applicable (media):**

Soils

**4. Sample preparation technique used:**

Mobile metal ions present in soil samples are partially extracted using a concentrated MMI –M solution.

**5. Method of analysis used:**

The extracted sample solution is aspirated into the inductively coupled plasma Mass Spectrometer (ICP-MS) where the ions are measured and quantified according to their unique mass.

**6. Data reduction by:**

The results are exported via computer, on line, data fed to the Laboratory Information Management System (LIMS CCLAS EL) with secure audit trail.

**7. Figures of Merit:**

Element	Limit of Quantification (LOQ) ppb	Element	LOQ ppb	Element	(LOQ) ppb	Element	(LOQ) ppb
Ag	1.0	Er	0.5	Pd2	1.0	Tl	0.5
As	10	Eu	0.5	Pr	1.0	U	1.0
Au	0.1	Gd	1.0	Rb	5.0	W	1.0
Ba	10	La	1.0	Sb	1.0	Y	5.0
Bi	1.0	Mg	1.0 (ppm)	Sm	1.0	Yb	1.0
Ca	10 (ppm)	Mo	5.0	Sn	1.0	Zn	20
Cd	10	Nb	0.5	Sr	10	Zr	5.0
Ce	5.0	Nd	1.0	Te	10		
Co	5.0	Ni	5.0	Th	0.5		
Cu	10	Pb	10	Ti	3.0		
Dy	1.0	Pd	1.0	Ti2	3.0		

**8. Quality control:**

The ICP-MS is calibrated with each work order. An instrument blank and calibration check is analyzed with each run. One preparation blank and reference material is analyzed every 46 samples, one duplicate every 12 samples.

All QC samples are verified using LIMS. The acceptance criteria are statistically controlled and control charts are used to monitor accuracy and precision. Data that falls outside the control limits is investigated and repeated as necessary.



## Certificate of Analysis

Work Order: TO107240

To: **Dave Moore**  
**Serengeti Resources**  
500-602 West Hastings St.  
VANCOUVER  
BC V6B 1P2

Date: Sep 24, 2009

P.O. No. : Project: Valleau West  
Project No. : -  
No. Of Samples : 72  
Date Submitted : Aug 21, 2009  
Report Comprises : Pages 1 to 3  
(Inclusive of Cover Sheet)

**Distribution of unused material:**

Discard after 90 days: 72 Soils

Certified By :

Gavin McGill  
Operations Manager

*SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>*

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable -- = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion  
Methods marked with an asterisk (e.g. \*NAA08V) were subcontracted  
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Final: TC107240 Order: Project Vallex West

Element	Ag	As	Au	Cd	Cu	Mo	Pb	Zn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	1	10	5	10	20
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
L1500N-7000E	22	10	1.1	2	520	10	60	50
*Rep L1500N-7000E	22	10	1.0	2	520	12	50	50
L1500N-7100E	19	<10	0.2	10	1920	<5	60	790
L1500N-7200E	15	<10	0.3	7	1100	<5	<10	<20
L1500N-7300E	7	<10	<0.1	11	440	<5	<10	50
L1500N-7400E	53	<10	0.3	10	2940	11	<10	<20
L1500N-7500E	52	<10	<0.1	18	520	<5	60	180
L1500N-7600E	21	<10	0.4	25	490	<5	110	1500
L1500N-7700E	53	<10	0.4	25	1360	<5	130	290
L1500N-7800E	30	<10	0.5	8	420	<5	220	230
L1500N-7900E	40	<10	1.3	10	1140	<5	70	110
L1500N-8000E	29	10	1.5	9	550	<5	80	200
L1500N-8100E	18	<10	0.1	14	710	<5	120	810
L1500N-8200E	91	<10	0.7	22	13800	12	10	<20
*Rep L1500N-8200E	82	<10	0.7	21	13900	9	20	<20
L1500N-8300E	57	<10	0.1	23	530	10	20	<20
L1500N-8400E	16	<10	<0.1	16	420	<5	80	240
L1500N-8500E	5	<10	<0.1	34	1160	<5	20	210
L7000N-6100E	25	<10	1.6	20	2640	<5	60	100
L7000N-6200E	13	<10	0.4	12	420	<5	80	350
L7000N-6300E	32	<10	1.3	18	1760	<5	80	140
L7000N-6400E	24	20	0.7	8	570	<5	50	180
L7000N-6500E	38	<10	0.3	6	220	5	30	90
L7000N-6600E	66	<10	1.9	9	5250	<5	60	<20
L7000N-6700E	38	<10	0.5	27	3180	<5	50	60
L7000N-6800E	28	<10	0.3	17	1870	<5	20	40
L7000N-6900E	21	<10	0.3	17	700	<5	40	80
*Rep L7000N-6900E	22	<10	0.3	18	740	<5	50	80
L7000N-7000E	23	<10	0.2	10	270	7	<10	110
L7000N-7100E	29	10	0.4	6	670	6	40	50
L7000N-7200E	13	10	0.3	4	490	<5	40	120
L7000N-7300E	14	10	1.4	13	1460	11	170	130
L7000N-7400E	11	<10	<0.1	11	280	<5	120	810
L7000N-7500E	13	<10	<0.1	6	140	<5	30	260
L7000N-7600E	16	<10	<0.1	31	440	<5	80	250
L7000N-7700E	27	<10	0.8	29	720	<5	30	<20
L7000N-7800E	18	<10	0.2	32	630	<5	70	80
L7000N-7900E	71	<10	0.3	27	1100	11	10	<20
L7000N-8300E	187	<10	0.7	18	3790	6	<10	<20
L7000N-8400E	38	<10	0.2	93	37200	<5	90	140
*Rep L7000N-8400E	37	<10	0.2	97	37400	<5	100	150
L7000N-8500E	4	<10	0.1	10	230	<5	30	1090
L7000N-8900E	15	<10	0.2	10	700	6	50	220

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Element	Ag	As	Au	Cd	Cu	Mo	Pb	Zn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	1	10	5	10	20
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
L7000N- 9000E	84	<10	0.3	26	6090	<5	<10	<20
L7000N- 9100E	15	<10	0.1	20	380	<5	50	460
L7000N- 9200E	56	<10	0.1	38	900	<5	210	80
L7000N- 9300E	148	<10	0.8	21	5830	6	<10	<20
L7000N- 9400E	12	<10	<0.1	69	1020	<5	70	330
L7000N- 9500E	33	<10	<0.1	20	1530	<5	80	240
L7000N- 9600E	28	<10	<0.1	27	540	<5	50	290
L7000N- 9700E	1	<10	<0.1	7	130	<5	<10	430
L7000N- 9800E	22	10	0.4	10	720	7	90	130
L7000N- 9900E	14	<10	<0.1	11	640	<5	40	190
*Rep L7000N- 9900E	9	<10	<0.1	8	410	<5	10	110
L7000N-10000E	15	<10	<0.1	18	280	<5	70	320
L7000N-10100E	92	<10	0.4	21	3770	18	<10	100
L2000N- 6500E	6	10	0.1	5	950	9	200	370
L2000N- 6600E	14	<10	0.1	3	340	6	110	160
L2000N- 6700E	15	<10	0.1	6	670	<5	50	490
L2000N- 6800E	28	<10	0.2	11	630	<5	60	50
L2000N- 6900E	7	<10	<0.1	21	400	<5	40	1330
L2000N- 7000E	12	<10	<0.1	5	270	<5	40	430
L2000N- 7100E	22	<10	0.2	33	1210	<5	20	<20
L2000N- 7200E	47	<10	0.4	4	3980	<5	<10	<20
L2000N- 7300E	2	<10	<0.1	63	680	<5	90	170
L2000N- 7400E	29	20	0.3	5	380	6	30	110
*Rep L2000N- 7400E	30	20	0.2	4	350	5	30	120
L2000N- 7500E	15	<10	0.1	13	590	<5	50	380
L2000N- 7600E	14	<10	0.2	18	1030	<5	30	250
L2000N- 7700E	34	<10	0.5	10	560	<5	40	50
L2000N- 7800E	11	10	0.2	14	590	<5	40	380
L2000N- 7900E	11	<10	0.1	18	460	<5	50	190
L2000N- 8000E	26	<10	2.5	21	4770	<5	20	320
L2000N- 8100E	21	<10	0.9	32	2420	<5	20	50
L2000N- 8200E	19	<10	<0.1	9	220	<5	110	50
L2000N- 8300E	10	<10	<0.1	12	200	<5	160	760
L2000N- 8400E	15	<10	0.1	8	1100	<5	60	260
L2000N- 8500E	26	<10	<0.1	36	720	<5	40	120
*Std MMISRM18	20	10	7.8	83	810	33	300	800
*Std MMISRM16	12	10	19.5	4	510	41	100	240
*Blk BLANK	<1	<10	<0.1	<1	<10	<5	<10	<20
*Blk BLANK	<1	<10	<0.1	<1	<10	<5	<10	<20

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## Certificate of Analysis

Work Order: TO107241

To: **Dave Moore**  
**Serengeti Resources**  
500-602 West Hastings St.  
VANCOUVER  
BC V6B 1P2

Date: Sep 25, 2009

P.O. No. : Project: Valleau North  
Project No. : -  
No. Of Samples : 71  
Date Submitted : Aug 21, 2009  
Report Comprises : Pages 1 to 3  
(Inclusive of Cover Sheet)

**Distribution of unused material:**

Discard after 90 days: 71 Soils

Certified By :

Gavin McGill  
Operations Manager

**SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>**

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable -- = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion  
Methods marked with an asterisk (e.g. \*NAA08V) were subcontracted  
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element	Ag	As	Au	Cd	Cu	Mo	Pb	Zn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	1	10	5	10	20
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
L8000N- 8200E	5	<10	<0.1	8	130	<5	20	410
*Rep L8000N- 8200E	6	<10	<0.1	7	120	<5	20	300
L8000N- 8300E	<1	<10	0.2	41	1380	<5	90	40
L8000N- 8400E	31	<10	0.4	48	1350	28	20	130
L8000N- 8500E	43	<10	0.1	14	2940	29	<10	<20
L8000N- 8600E	2	<10	<0.1	11	300	<5	20	210
L8000N- 8700E	2	<10	<0.1	5	120	<5	20	240
L8000N- 8800E	5	<10	<0.1	5	90	<5	20	200
L8000N- 8900E	2	<10	<0.1	93	360	<5	110	610
L8000N- 9000E	8	<10	<0.1	11	1200	<5	50	420
L8000N- 9100E	<1	<10	<0.1	87	620	6	90	700
L8000N- 9200E	4	<10	<0.1	43	730	<5	120	3430
L8000N- 9300E	38	<10	<0.1	177	1950	13	<10	1020
L8000N- 9400E	21	<10	<0.1	115	2750	10	20	60
*Rep L8000N- 9400E	18	<10	<0.1	116	2640	10	30	70
L8000N- 9500E	8	<10	<0.1	271	870	9	40	1090
L8000N- 9600E	1	<10	<0.1	17	170	<5	20	750
L8000N- 9700E	<1	<10	<0.1	2	50	<5	<10	470
L8000N- 9800E	3	<10	<0.1	56	490	<5	80	2030
L8000N- 9900E	12	<10	<0.1	17	1610	<5	<10	110
L8000N-10000E	4	<10	<0.1	7	270	<5	20	420
L8000N-10100E	15	<10	0.1	12	1460	7	20	20
L6500N-5200E	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L6500N-5300E	9	<10	0.2	17	1540	6	30	110
L6500N-5400E	11	<10	0.2	22	1020	<5	<10	150
L6500N-5500E	9	<10	<0.1	3	110	<5	<10	100
L6500N-5600E	3	<10	0.1	3	50	<5	<10	90
*Rep L6500N-5600E	4	<10	0.1	3	90	<5	<10	80
L6500N-5800E	3	<10	<0.1	4	1020	6	<10	80
L6500N-5900E	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L6500N-6000E	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
L6500N-6200E	6	<10	<0.1	36	3850	11	50	120
L6500N-6300E	17	<10	<0.1	7	430	<5	90	310
L6500N-6400E	18	<10	0.2	4	300	10	80	80
L6500N-6500E	16	<10	0.1	4	160	<5	80	230
L6500N-6600E	24	<10	0.2	3	180	6	70	80
L6500N-6800E	36	<10	0.9	6	200	6	80	30
L6500N-6900E	18	<10	0.5	10	870	<5	120	180
L6500N-7000E	7	10	0.3	6	400	8	190	80
L6500N-7100E	21	20	0.9	11	480	6	240	90
*Rep L6500N-7100E	22	20	0.9	12	470	5	220	100
L6500N-7200E	13	<10	<0.1	19	100	<5	60	40
L6500N-7300E	71	<10	0.2	6	70	<5	<10	<20

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Element	Ag	As	Au	Cd	Cu	Mo	Pb	Zn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	1	10	5	10	20
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
L6500N-7400E	11	<10	1.0	17	1110	<5	80	480
L6500N-7500E	28	<10	0.5	8	550	5	80	60
L6500N-7600E	12	<10	<0.1	10	160	<5	60	660
L6500N-7700E	30	<10	<0.1	12	300	13	40	50
L6500N-7800E	12	<10	<0.1	6	200	<5	10	310
L6500N-7900E	14	<10	<0.1	14	300	<5	70	380
L6500N-8000E	13	<10	0.3	5	280	<5	50	60
L6500N-8100E	2	<10	<0.1	17	550	<5	50	580
L6500N-8200E	2	<10	<0.1	8	280	<5	<10	560
L6500N-8300E	1	<10	0.1	12	90	<5	30	230
*Rep L6500N-8300E	<1	<10	<0.1	9	100	<5	10	200
L6500N-8400E	2	<10	<0.1	13	240	<5	60	870
L6500N-8500E	38	<10	0.7	17	1920	<5	70	170
L5500N-5000E	11	<10	0.2	18	670	<5	30	370
L5500N-5100E	8	<10	0.2	17	540	<5	30	390
L5500N-5200E	8	<10	0.2	13	500	<5	20	320
L5500N-5300E	6	<10	0.1	13	490	<5	20	330
L5500N-5400E	11	<10	0.3	25	2660	<5	60	150
L5500N-5500E	5	<10	<0.1	2	410	<5	<10	280
L5500N-5700E	6	<10	<0.1	3	270	<5	<10	200
L5500N-5800E	2	<10	<0.1	4	400	<5	40	420
L5500N-5900E	4	<10	0.3	12	780	6	30	150
L5500N-6100E	13	<10	<0.1	12	280	7	60	560
*Rep L5500N-6100E	14	<10	<0.1	13	280	7	60	560
L5500N-6200E	14	10	0.2	3	1670	6	90	160
L5500N-6300E	19	<10	0.3	6	550	5	70	110
L5500N-6400E	18	<10	0.3	5	370	7	50	90
L5500N-6500E	12	<10	0.4	7	730	8	60	50
L5500N-6600E	6	<10	<0.1	14	400	5	80	1160
L5500N-6700E	19	<10	0.2	5	520	<5	80	410
L5500N-6800E	14	<10	0.2	4	300	6	50	90
L5600N-5900E	<1	<10	<0.1	3	50	<5	<10	370
L5600N-6000E	2	<10	0.3	46	1100	<5	180	790
L5600N-6100E	5	<10	0.2	19	600	<5	60	520
*Std MMISRM18	19	10	7.5	73	710	28	280	630
*Std MMISRM16	13	10	22.1	4	550	46	110	210
*Blk BLANK	<1	<10	<0.1	<1	<10	<5	<10	<20
*Blk BLANK	<1	<10	<0.1	<1	<10	<5	<10	<20

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## Certificate of Analysis

Work Order: TO108026

To: **Dave Moore**  
**Serengeti Resources**  
500-602 West Hastings St.  
VANCOUVER  
BC V6B 1P2

Date: Dec 16, 2009

P.O. No. : Project: Valteau West; POH TO107240  
Project No. : -  
No. Of Samples : 72  
Date Submitted : Oct 16, 2009  
Report Comprises : Pages 1 to 9  
(Inclusive of Cover Sheet)

**Distribution of unused material:**

Discard after 90 days:

Certified By :

Gavin McGill  
Operations Manager

*SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>*

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable -- = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion  
Methods marked with an asterisk (e.g. \*NAA08V) were subcontracted  
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method	WtKg	Be	Na	Mg	Al	P	K	Ca	Sc	Ti
Det.Lim.	0.001	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01
Units	kg	ppm	%	%	%	%	%	%	ppm	%
L1500N-7000E	0.311	0.7	<0.01	0.85	1.80	0.22	0.05	0.33	5.0	0.14
L1500N-7100E	0.227	0.6	<0.01	1.11	1.55	0.17	0.09	0.57	4.0	0.23
L1500N-7200E	0.280	0.6	0.01	2.06	2.08	0.22	0.31	1.50	7.9	0.29
L1500N-7300E	0.219	0.5	<0.01	1.26	1.59	0.12	0.08	1.03	3.4	0.26
L1500N-7400E	0.210	0.6	<0.01	0.86	1.37	0.09	0.08	0.95	3.9	0.20
L1500N-7500E	0.194	0.5	<0.01	0.87	1.38	0.08	0.07	0.47	4.2	0.26
L1500N-7600E	0.244	<0.5	<0.01	0.63	1.26	0.12	0.09	0.30	4.2	0.11
L1500N-7700E	0.245	1.0	<0.01	1.96	2.96	0.39	0.21	0.70	9.5	0.05
L1500N-7800E	0.219	0.5	<0.01	0.82	1.52	0.18	0.15	0.19	4.3	0.09
L1500N-7900E	0.250	0.6	<0.01	0.71	1.40	0.10	0.12	0.26	5.1	0.08
L1500N-8000E	0.295	0.5	<0.01	0.88	1.49	0.19	0.08	0.41	5.0	0.16
L1500N-8100E	0.137	1.3	<0.01	0.71	1.86	0.29	0.14	0.26	6.0	0.02
L1500N-8200E	0.077	1.1	0.01	0.73	2.15	0.11	0.05	1.09	12.2	0.08
L1500N-8300E	0.184	0.8	0.01	0.96	2.06	0.06	0.06	0.86	5.9	0.14
L1500N-8400E	0.158	0.5	0.01	0.36	1.06	0.06	0.04	0.29	2.4	0.15
L1500N-8500E	0.163	0.5	0.01	0.85	1.58	0.06	0.08	0.51	2.7	0.40
L7000N-8100E	0.255	0.8	<0.01	1.39	2.17	0.23	0.12	0.80	7.3	0.15
L7000N-6200E	0.364	0.7	<0.01	1.30	2.21	0.27	0.11	0.76	4.8	0.16
L7000N-6300E	0.313	0.5	<0.01	1.18	1.88	0.18	0.11	0.71	5.1	0.13
L7000N-6400E	0.587	0.5	0.01	1.42	2.35	0.23	0.14	0.63	5.7	0.20
L7000N-6500E	0.520	<0.5	<0.01	1.17	2.79	0.31	0.09	0.50	5.8	0.19
L7000N-6600E	0.265	0.5	0.01	1.41	2.22	0.19	0.11	1.03	7.4	0.17
L7000N-6700E	0.371	<0.5	0.01	1.33	1.79	0.25	0.09	1.07	5.8	0.17
L7000N-6800E	0.420	<0.5	0.01	1.38	2.02	0.18	0.14	1.10	6.3	0.20
L7000N-6900E	0.380	<0.5	0.01	1.40	1.92	0.18	0.18	1.11	5.0	0.19
L7000N-7000E	0.272	<0.5	<0.01	1.27	2.13	0.10	0.10	0.92	5.3	0.25
L7000N-7100E	0.334	<0.5	<0.01	1.22	2.47	0.15	0.08	0.46	5.4	0.24
L7000N-7200E	0.483	0.6	<0.01	1.71	2.75	0.30	0.17	0.73	6.0	0.24
L7000N-7300E	0.347	<0.5	0.01	0.93	1.49	0.18	0.18	0.66	4.4	0.16
L7000N-7400E	0.162	<0.5	<0.01	0.75	1.55	0.17	0.09	0.33	3.9	0.16
L7000N-7500E	0.270	<0.5	<0.01	0.95	1.93	0.12	0.07	0.29	6.1	0.20
L7000N-7600E	0.403	0.5	<0.01	1.60	2.60	0.06	0.11	0.65	6.4	0.16
L7000N-7700E	0.419	<0.5	<0.01	0.71	1.26	0.10	0.12	0.58	3.1	0.06
L7000N-7800E	0.262	0.5	<0.01	1.26	2.37	0.15	0.17	0.99	4.3	0.16
L7000N-7900E	0.218	0.8	0.01	1.34	2.60	0.18	0.30	1.56	6.7	0.18
L7000N-8300E	0.083	0.5	0.01	0.93	2.08	0.10	0.14	1.21	6.1	0.12
L7000N-8400E	0.029	<0.5	<0.01	1.27	1.71	0.11	0.04	0.81	5.8	0.23
L7000N-8500E	0.055	<0.5	<0.01	1.65	1.65	0.13	0.04	0.71	3.4	0.29
L7000N-8900E	0.047	<0.5	0.01	1.65	2.53	0.07	0.07	0.28	7.8	0.33
L7000N-9000E	0.097	<0.5	<0.01	1.23	2.03	0.10	0.07	1.07	5.8	0.16
L7000N-9100E	0.079	<0.5	0.01	1.62	2.02	0.08	0.05	0.24	6.8	0.22
L7000N-9200E	0.056	<0.5	<0.01	2.23	3.07	0.05	0.05	0.35	13.2	0.20
L7000N-9300E	0.145	0.9	0.01	1.18	2.39	0.13	0.08	1.32	7.7	0.09

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Element	WtKg	Be	Na	Mg	Al	P	K	Ca	Sc	Ti
Method	WGH79	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B
Det.Lim.	0.001	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01
Units	kg	ppm	%	%	%	%	%	%	ppm	%
L7000N- 9400E	0.053	0.5	<0.01	1.64	2.88	0.07	0.09	0.51	8.4	0.07
L7000N- 9500E	0.060	<0.5	<0.01	2.14	3.06	0.04	0.06	0.28	8.7	0.19
L7000N- 9600E	0.040	<0.5	<0.01	1.84	2.68	0.07	0.07	0.24	4.8	0.19
L7000N- 9700E	0.049	<0.5	<0.01	1.05	1.77	0.09	0.05	0.43	3.4	0.19
L7000N- 9800E	0.144	<0.5	<0.01	1.91	3.24	0.05	0.06	0.28	8.0	0.25
L7000N- 9900E	0.019	<0.5	<0.01	1.12	2.15	0.07	0.05	0.24	4.5	0.22
L7000N-10000E	0.121	<0.5	<0.01	0.95	1.84	0.06	0.07	0.43	2.2	0.14
L7000N-10100E	0.134	<0.5	0.01	1.69	2.50	0.09	0.12	0.87	11.2	0.15
L2000N- 6500E	0.305	<0.5	0.01	0.58	1.52	0.13	0.06	0.29	2.3	0.13
L2000N- 6600E	0.248	<0.5	<0.01	0.87	2.11	0.18	0.06	0.38	3.4	0.21
L2000N- 6700E	0.258	<0.5	<0.01	1.30	2.47	0.24	0.08	0.52	4.0	0.21
L2000N- 6800E	0.287	<0.5	0.01	1.00	1.83	0.10	0.06	0.53	4.1	0.22
L2000N- 6900E	0.249	<0.5	<0.01	0.65	0.92	0.16	0.06	0.60	2.9	0.24
L2000N- 7000E	0.307	<0.5	0.01	1.35	2.14	0.41	0.10	0.68	3.2	0.21
L2000N- 7100E	0.192	<0.5	0.01	0.69	1.00	0.07	0.07	0.74	3.8	0.23
L2000N- 7200E	0.221	<0.5	<0.01	0.67	1.23	0.06	0.06	0.75	4.3	0.20
L2000N- 7300E	0.109	<0.5	<0.01	0.97	1.18	0.08	0.07	1.00	2.9	0.17
L2000N- 7400E	0.194	<0.5	<0.01	1.10	1.80	0.24	0.06	0.41	4.0	0.24
L2000N- 7500E	0.228	<0.5	<0.01	0.90	1.23	0.09	0.07	0.61	3.5	0.27
L2000N- 7600E	0.104	<0.5	<0.01	1.06	1.62	0.20	0.08	0.73	1.4	0.07
L2000N- 7700E	0.268	<0.5	<0.01	1.01	1.70	0.11	0.11	0.51	3.9	0.17
L2000N- 7800E	0.269	<0.5	<0.01	1.06	1.52	0.23	0.15	0.64	3.7	0.17
L2000N- 7900E	0.219	<0.5	<0.01	0.88	1.51	0.18	0.07	0.40	3.3	0.18
L2000N- 8000E	0.295	<0.5	0.01	1.40	1.62	0.24	0.29	1.11	6.7	0.20
L2000N- 8100E	0.232	<0.5	<0.01	1.15	1.53	0.17	0.08	0.80	5.7	0.12
L2000N- 8200E	0.176	0.5	<0.01	0.50	1.06	0.07	0.05	0.42	3.5	0.21
L2000N- 8300E	0.172	<0.5	<0.01	0.27	0.63	0.06	0.03	0.37	2.3	0.20
L2000N- 8400E	0.188	0.5	<0.01	1.66	2.86	0.23	0.10	0.19	7.6	0.19
L2000N- 8500E	0.164	<0.5	<0.01	0.77	1.49	0.10	0.07	0.49	3.5	0.26
*Rep L1500N-8200E		1.1	0.01	0.73	2.13	0.11	0.05	1.08	12.2	0.09
*Rep L7000N-6400E		0.5	0.01	1.40	2.31	0.23	0.13	0.62	5.5	0.19
*Rep L7000N- 8900E		<0.5	<0.01	1.67	2.57	0.07	0.07	0.29	7.8	0.33
*Rep L7000N- 9200E		<0.5	<0.01	2.19	3.02	0.05	0.05	0.34	13.1	0.19
*Rep L2000N- 7600E		<0.5	<0.01	1.06	1.60	0.19	0.08	0.72	1.3	0.07
*Rep L2000N- 7900E		<0.5	<0.01	0.88	1.52	0.18	0.06	0.41	3.3	0.18

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Element Method Det.Lim. Units	V ICP14B 2 ppm	Cr ICP14B 1 ppm	Mn ICP14B 2 ppm	Fe ICP14B 0.01 %	Co ICP14B 1 ppm	Ni ICP14B 1 ppm	Cu ICP14B 0.5 ppm	Zn ICP14B 0.5 ppm	As ICP14B 3 ppm	Sr ICP14B 0.5 ppm
L1500N-7000E	104	82	305	4.31	14	15	49.3	46.8	<3	32.0
L1500N-7100E	131	81	619	4.80	18	15	40.7	59.6	5	46.5
L1500N-7200E	187	108	711	6.13	31	23	54.1	76.3	<3	89.3
L1500N-7300E	131	95	348	4.46	19	21	30.0	53.0	<3	68.5
L1500N-7400E	118	58	407	3.92	13	11	68.2	44.8	<3	91.0
L1500N-7500E	116	48	278	3.96	13	10	24.7	50.6	4	42.9
L1500N-7600E	103	40	432	4.00	10	9	30.2	47.0	<3	29.7
L1500N-7700E	149	26	818	6.95	23	14	168	115	<3	34.1
L1500N-7800E	99	29	239	5.14	13	8	102	58.7	4	18.6
L1500N-7900E	108	37	228	4.70	15	9	74.3	33.4	3	30.6
L1500N-8000E	121	46	327	4.33	13	10	48.2	50.8	<3	38.1
L1500N-8100E	90	24	439	8.00	22	11	219	137	<3	21.9
L1500N-8200E	88	56	1350	3.06	13	16	671	50.8	<3	60.3
L1500N-8300E	110	63	910	3.61	15	17	81.7	64.7	<3	55.6
L1500N-8400E	54	20	129	1.48	5	6	12.8	21.1	<3	32.5
L1500N-8500E	104	33	277	2.54	12	14	37.7	40.4	<3	41.1
L7000N-6100E	113	67	957	4.42	22	24	116	75.9	9	47.9
L7000N-6200E	138	70	618	5.31	20	21	69.3	80.5	9	50.0
L7000N-6300E	103	57	794	4.05	18	22	80.1	59.1	7	46.9
L7000N-6400E	123	57	761	4.59	20	22	122	73.5	6	44.6
L7000N-6500E	135	66	491	5.31	16	17	61.1	82.3	8	37.5
L7000N-6600E	127	72	579	4.39	19	22	133	66.9	6	66.1
L7000N-6700E	130	76	604	4.71	19	22	83.3	53.8	7	65.3
L7000N-6800E	148	72	998	5.35	24	23	80.7	60.6	4	69.3
L7000N-6900E	123	61	595	4.34	20	21	124	58.2	10	64.4
L7000N-7000E	150	46	787	4.76	19	14	31.3	61.1	8	64.4
L7000N-7100E	138	38	426	4.51	17	14	63.5	60.4	6	53.3
L7000N-7200E	154	34	614	5.15	23	17	99.1	87.5	6	57.4
L7000N-7300E	105	27	720	3.89	15	11	72.1	51.7	5	58.5
L7000N-7400E	117	30	313	4.05	9	10	26.8	52.8	6	35.7
L7000N-7500E	123	44	249	3.63	10	12	18.2	49.4	8	33.1
L7000N-7600E	120	68	797	4.45	24	27	57.2	91.8	6	45.7
L7000N-7700E	73	18	554	2.98	9	8	41.9	50.0	10	41.0
L7000N-7800E	121	34	756	4.43	18	16	71.0	95.4	8	62.5
L7000N-7900E	122	36	1320	4.78	20	18	132	103	7	90.6
L7000N-8300E	111	58	986	4.04	17	23	152	79.6	8	55.5
L7000N-8400E	144	142	1270	4.75	21	26	257	47.6	<3	76.6
L7000N-8500E	126	188	1290	4.05	22	36	35.6	53.5	5	74.5
L7000N- 8900E	238	121	378	6.24	17	25	42.9	51.2	5	32.4
L7000N- 9000E	193	142	739	5.44	20	30	220	51.7	8	56.0
L7000N- 9100E	148	222	319	4.84	16	32	29.1	48.8	4	18.0
L7000N- 9200E	199	106	628	5.69	21	37	85.1	67.4	8	17.0
L7000N- 9300E	87	70	912	3.62	14	26	334	60.3	6	46.9

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Element Method Det.Lim. Units	V ICP14B 2 ppm	Cr ICP14B 1 ppm	Mn ICP14B 2 ppm	Fe ICP14B 0.01 %	Co ICP14B 1 ppm	Ni ICP14B 1 ppm	Cu ICP14B 0.5 ppm	Zn ICP14B 0.5 ppm	As ICP14B 3 ppm	Sr ICP14B 0.5 ppm
L7000N- 9400E	151	102	1300	5.64	26	39	84.4	94.7	4	22.8
L7000N- 9500E	157	110	554	5.25	23	36	86.8	68.0	8	23.4
L7000N- 9600E	139	90	514	4.59	17	32	46.8	61.0	4	25.4
L7000N- 9700E	98	49	318	3.42	11	16	14.7	53.1	<3	35.8
L7000N- 9800E	142	95	525	5.22	20	32	77.9	72.5	7	23.9
L7000N- 9900E	121	48	402	4.86	14	23	47.8	63.9	10	27.0
L7000N-10000E	102	48	387	3.67	11	16	32.5	59.4	7	38.1
L7000N-10100E	125	104	1050	4.98	30	40	124	77.0	21	45.9
L2000N- 6500E	79	39	527	3.00	10	9	37.7	45.6	4	33.1
L2000N- 6600E	102	62	351	3.80	12	16	45.5	48.0	6	34.7
L2000N- 6700E	118	96	393	4.47	19	25	74.0	64.5	3	35.5
L2000N- 6800E	116	85	353	3.95	14	19	41.8	64.4	<3	38.0
L2000N- 6900E	110	99	293	3.82	11	14	12.9	39.5	3	40.1
L2000N- 7000E	159	154	441	5.09	20	29	28.3	65.3	7	32.5
L2000N- 7100E	118	67	386	3.29	12	13	37.3	25.8	4	47.1
L2000N- 7200E	114	58	262	3.44	10	10	88.4	27.4	8	54.0
L2000N- 7300E	99	42	617	2.84	14	12	38.9	38.6	6	67.0
L2000N- 7400E	131	63	340	4.09	13	12	23.1	45.0	4	34.8
L2000N- 7500E	100	31	296	2.67	11	9	19.9	38.8	5	50.0
L2000N- 7600E	113	63	870	3.87	16	13	56.8	41.1	6	49.3
L2000N- 7700E	98	57	392	3.48	13	14	71.9	43.1	4	49.7
L2000N- 7800E	117	82	599	4.72	16	15	64.0	43.5	5	48.5
L2000N- 7900E	116	52	353	4.14	12	11	30.4	43.0	6	43.7
L2000N- 8000E	129	80	926	4.59	21	19	111	60.2	6	83.9
L2000N- 8100E	114	90	699	4.83	17	20	62.6	48.6	6	45.3
L2000N- 8200E	105	42	193	3.28	7	7	18.0	26.8	4	40.4
L2000N- 8300E	74	33	208	1.81	4	5	6.7	17.1	5	36.0
L2000N- 8400E	184	24	815	6.45	16	10	74.2	68.9	7	17.2
L2000N- 8500E	108	39	571	3.32	11	10	29.8	52.5	7	35.4
*Rep L1500N-8200E	90	57	1290	3.08	13	16	647	51.5	4	59.6
*Rep L7000N-6400E	120	58	737	4.58	20	23	120	72.3	9	42.4
*Rep L7000N- 8900E	238	121	384	6.15	17	25	42.9	51.6	6	33.4
*Rep L7000N- 9200E	200	103	614	5.60	20	36	83.8	65.5	5	16.5
*Rep L2000N- 7600E	114	63	881	3.87	16	13	56.1	41.3	7	47.4
*Rep L2000N- 7900E	115	51	356	4.16	12	11	29.6	43.4	3	45.7

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Element Method	Y ICP14B 0.5 ppm	Zr ICP14B 0.5 ppm	Mo ICP14B 1 ppm	Ag ICP14B 2 ppm	Cd ICP14B 1 ppm	Sn ICP14B 10 ppm	Sb ICP14B 5 ppm	Ba ICP14B 1 ppm	La ICP14B 0.5 ppm	W ICP14B 10 ppm
L1500N-7000E	3.3	2.5	<1	<2	<1	<10	<5	37	4.9	<10
L1500N-7100E	3.9	1.1	<1	<2	<1	<10	<5	54	3.7	<10
L1500N-7200E	6.8	1.8	<1	<2	<1	<10	5	108	4.2	<10
L1500N-7300E	3.1	1.5	<1	<2	<1	<10	<5	106	2.5	<10
L1500N-7400E	4.5	1.0	<1	<2	<1	<10	6	102	3.8	<10
L1500N-7500E	2.7	2.2	<1	<2	<1	<10	6	56	2.0	<10
L1500N-7600E	1.9	<0.5	<1	<2	<1	<10	<5	65	5.4	<10
L1500N-7700E	10.5	<0.5	2	<2	<1	<10	6	107	8.5	<10
L1500N-7800E	3.5	<0.5	2	<2	<1	<10	<5	67	6.4	<10
L1500N-7900E	1.8	0.9	2	<2	<1	<10	<5	74	4.1	<10
L1500N-8000E	3.0	0.8	<1	<2	<1	<10	<5	54	5.1	<10
L1500N-8100E	8.7	0.7	4	<2	<1	<10	6	338	17.3	<10
L1500N-8200E	34.8	0.6	4	<2	<1	<10	<5	73	17.7	<10
L1500N-8300E	7.0	0.7	3	<2	<1	<10	<5	83	8.2	<10
L1500N-8400E	2.4	0.7	<1	<2	<1	<10	<5	59	5.9	<10
L1500N-8500E	4.1	0.7	<1	<2	<1	<10	<5	74	2.4	<10
L7000N-6100E	13.1	0.8	<1	<2	<1	<10	<5	114	10.5	<10
L7000N-6200E	7.1	0.6	<1	<2	<1	<10	6	63	6.5	<10
L7000N-6300E	9.2	<0.5	<1	<2	<1	<10	<5	90	8.3	<10
L7000N-6400E	5.8	1.3	<1	<2	<1	<10	8	105	6.1	<10
L7000N-6500E	5.7	0.8	<1	<2	<1	<10	5	57	5.6	<10
L7000N-6600E	13.0	<0.5	1	<2	<1	<10	<5	100	11.2	<10
L7000N-6700E	9.1	<0.5	<1	<2	<1	<10	<5	74	6.6	<10
L7000N-6800E	8.7	0.6	<1	<2	<1	<10	7	102	6.4	<10
L7000N-6900E	7.0	<0.5	<1	<2	<1	<10	<5	97	7.1	<10
L7000N-7000E	4.3	1.1	1	<2	<1	<10	6	147	4.7	<10
L7000N-7100E	3.9	1.3	<1	<2	<1	<10	<5	49	5.4	<10
L7000N-7200E	6.7	1.2	<1	<2	<1	<10	5	62	5.8	<10
L7000N-7300E	7.8	<0.5	<1	<2	<1	<10	<5	64	7.7	<10
L7000N-7400E	2.4	0.6	<1	<2	<1	<10	<5	58	4.9	<10
L7000N-7500E	2.6	0.7	<1	<2	<1	<10	<5	56	3.8	<10
L7000N-7600E	4.1	<0.5	<1	<2	<1	<10	<5	239	4.3	<10
L7000N-7700E	5.6	<0.5	<1	<2	<1	<10	<5	119	6.0	<10
L7000N-7800E	7.5	<0.5	<1	<2	<1	<10	<5	263	8.6	<10
L7000N-7900E	16.7	<0.5	1	<2	<1	<10	7	308	11.8	<10
L7000N-8000E	11.4	0.5	<1	<2	<1	<10	<5	234	10.0	<10
L7000N-8400E	5.1	<0.5	<1	<2	<1	<10	<5	113	3.2	<10
L7000N-8500E	3.6	<0.5	<1	<2	<1	<10	<5	128	2.0	<10
L7000N-8900E	1.9	1.1	<1	<2	<1	<10	<5	48	3.6	<10
L7000N-9000E	6.8	<0.5	<1	<2	<1	<10	<5	197	5.7	<10
L7000N-9100E	1.8	<0.5	<1	<2	<1	<10	<5	55	1.8	<10
L7000N-9200E	4.9	<0.5	<1	<2	<1	<10	8	98	4.1	<10
L7000N-9300E	23.2	1.0	<1	<2	<1	<10	<5	116	8.8	<10

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Element	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W
Method	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B
Det.Lim.	0.5	0.5	1	2	1	10	5	1	0.5	10
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L7000N- 9400E	4.6	<0.5	<1	<2	<1	<10	<5	182	3.8	<10
L7000N- 9500E	2.6	<0.5	<1	<2	<1	<10	<5	121	3.0	<10
L7000N- 9600E	1.9	<0.5	<1	<2	<1	<10	<5	86	3.2	<10
L7000N- 9700E	1.9	<0.5	<1	<2	<1	<10	<5	56	4.8	<10
L7000N- 9800E	3.3	1.2	<1	<2	<1	<10	7	45	4.3	<10
L7000N- 9900E	2.1	1.6	<1	<2	<1	<10	<5	46	5.2	<10
L7000N-10000E	3.0	<0.5	<1	<2	<1	<10	<5	106	4.9	<10
L7000N-10100E	14.0	<0.5	<1	<2	<1	<10	8	135	5.4	<10
L2000N- 6500E	2.2	0.6	<1	<2	<1	<10	<5	58	4.9	<10
L2000N- 6600E	2.6	1.1	<1	<2	<1	<10	<5	53	5.2	<10
L2000N- 6700E	3.0	0.8	<1	<2	<1	<10	<5	60	5.0	<10
L2000N- 6800E	3.1	0.6	<1	<2	<1	<10	<5	56	4.7	<10
L2000N- 6900E	2.5	1.0	<1	<2	<1	<10	<5	61	2.3	<10
L2000N- 7000E	3.3	0.7	<1	<2	<1	<10	<5	34	3.4	<10
L2000N- 7100E	5.2	0.6	<1	<2	<1	<10	<5	28	3.5	<10
L2000N- 7200E	12.0	0.7	<1	<2	<1	<10	7	34	6.6	<10
L2000N- 7300E	3.6	0.5	2	<2	<1	<10	<5	38	2.8	<10
L2000N- 7400E	2.4	1.2	<1	<2	<1	<10	<5	37	3.3	<10
L2000N- 7500E	3.4	1.5	<1	<2	<1	<10	<5	56	3.7	<10
L2000N- 7600E	5.6	<0.5	<1	<2	<1	<10	<5	43	4.4	<10
L2000N- 7700E	4.7	<0.5	<1	<2	<1	<10	<5	56	4.9	<10
L2000N- 7800E	5.0	0.6	<1	<2	<1	<10	<5	36	4.4	<10
L2000N- 7900E	2.8	0.5	<1	<2	<1	<10	<5	44	4.3	<10
L2000N- 8000E	8.6	0.8	<1	<2	<1	<10	<5	50	7.1	<10
L2000N- 8100E	7.2	<0.5	<1	<2	<1	<10	<5	73	5.9	<10
L2000N- 8200E	2.9	1.3	<1	<2	<1	<10	<5	74	4.9	<10
L2000N- 8300E	2.1	0.6	<1	<2	<1	<10	<5	34	3.6	<10
L2000N- 8400E	2.4	0.6	<1	<2	<1	<10	<5	88	3.6	<10
L2000N- 8500E	2.5	0.6	2	<2	<1	<10	<5	44	3.0	<10
*Rep L1500N-8200E	32.9	0.6	4	<2	<1	<10	<5	74	18.5	<10
*Rep L7000N-6400E	5.9	1.3	<1	<2	<1	<10	<5	101	6.0	<10
*Rep L7000N- 8900E	2.1	1.2	<1	<2	<1	<10	10	49	3.7	<10
*Rep L7000N- 9200E	4.7	<0.5	<1	<2	<1	<10	6	96	3.7	<10
*Rep L2000N- 7800E	5.6	<0.5	<1	<2	<1	<10	<5	42	3.8	<10
*Rep L2000N- 7900E	2.8	0.6	<1	<2	<1	<10	<5	42	4.5	<10

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Element Method Det.Lim. Units	Pb	Bi	Li
	ICP14B 2 ppm	ICP14B 5 ppm	ICP14B 1 ppm
L1500N-7000E	4	<5	14
L1500N-7100E	3	<5	11
L1500N-7200E	2	<5	15
L1500N-7300E	<2	<5	18
L1500N-7400E	6	<5	12
L1500N-7500E	5	<5	13
L1500N-7600E	7	<5	6
L1500N-7700E	7	<5	31
L1500N-7800E	11	<5	7
L1500N-7900E	4	<5	9
L1500N-8000E	6	<5	10
L1500N-8100E	7	<5	20
L1500N-8200E	6	<5	41
L1500N-8300E	4	<5	59
L1500N-8400E	7	<5	5
L1500N-8500E	4	<5	8
L7000N-6100E	7	<5	18
L7000N-6200E	6	<5	16
L7000N-6300E	6	<5	17
L7000N-6400E	5	<5	17
L7000N-6500E	5	<5	16
L7000N-6600E	6	<5	18
L7000N-6700E	4	<5	14
L7000N-6800E	5	<5	16
L7000N-6900E	3	<5	18
L7000N-7000E	4	<5	22
L7000N-7100E	4	<5	18
L7000N-7200E	4	<5	22
L7000N-7300E	6	<5	11
L7000N-7400E	6	<5	7
L7000N-7500E	6	<5	7
L7000N-7600E	6	<5	31
L7000N-7700E	7	<5	9
L7000N-7800E	4	<5	16
L7000N-7900E	6	<5	17
L7000N-8300E	7	<5	20
L7000N-8400E	5	<5	24
L7000N-8500E	3	<5	16
L7000N- 8900E	7	<5	19
L7000N- 9000E	5	<5	20
L7000N- 9100E	5	<5	16
L7000N- 9200E	10	<5	28
L7000N- 9300E	6	<5	26

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Element	Pb	Bi	Li
Method	ICP14B	ICP14B	ICP14B
Det.Lim.	2	5	1
Units	ppm	ppm	ppm
L7000N- 9400E	8	<5	29
L7000N- 9500E	6	<5	24
L7000N- 9600E	7	<5	15
L7000N- 9700E	6	<5	8
L7000N- 9800E	8	<5	24
L7000N- 9900E	9	<5	16
L7000N-10000E	5	<5	11
L7000N-10100E	5	<5	30
L2000N- 6500E	6	<5	17
L2000N- 6600E	5	<5	16
L2000N- 6700E	3	<5	23
L2000N- 6800E	5	<5	24
L2000N- 6900E	3	<5	6
L2000N- 7000E	2	<5	18
L2000N- 7100E	3	<5	6
L2000N- 7200E	4	<5	6
L2000N- 7300E	4	<5	9
L2000N- 7400E	3	<5	13
L2000N- 7500E	5	<5	7
L2000N- 7600E	4	<5	11
L2000N- 7700E	3	<5	11
L2000N- 7800E	<2	<5	13
L2000N- 7900E	4	<5	10
L2000N- 8000E	3	<5	12
L2000N- 8100E	3	<5	13
L2000N- 8200E	4	<5	6
L2000N- 8300E	4	<5	3
L2000N- 8400E	5	<5	27
L2000N- 8500E	5	<5	17
*Rep L1500N-8200E	6	<5	41
*Rep L7000N-6400E	4	<5	17
*Rep L7000N- 8900E	5	<5	18
*Rep L7000N- 9200E	10	<5	28
*Rep L2000N- 7600E	4	<5	10
*Rep L2000N- 7900E	4	<5	10

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## Certificate of Analysis

Work Order: TO108027

To: **Dave Moore**  
**Serengeti Resources**  
500-602 West Hastings St.  
VANCOUVER  
BC V6B 1P2

Date: Dec 17, 2009

P.O. No. : Project: Valleau North; POH TO107241  
Project No. : -  
No. Of Samples : 71  
Date Submitted : Oct 16, 2009  
Report Comprises : Pages 1 to 9  
(Inclusive of Cover Sheet)

**Distribution of unused material:**

Discard after 90 days:

Certified By :

Gavin McGill  
Operations Manager

*SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>*

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable -- = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion  
Methods marked with an asterisk (e.g. \*NAA08V) were subcontracted  
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element	WtKg	Be	Na	Mg	Al	P	K	Ca	Sc	Ti
Method	WGH79	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B
Det.Lim.	0.001	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01
Units	kg	ppm	%	%	%	%	%	%	ppm	%
L8000N- 8200E	0.158	<0.5	<0.01	0.41	1.25	0.14	0.04	0.27	2.9	0.11
L8000N- 8300E	0.166	<0.5	0.01	1.32	2.08	0.07	0.06	0.76	6.7	0.16
L8000N- 8400E	0.165	<0.5	0.01	0.99	1.75	0.12	0.09	1.01	5.9	0.10
L8000N- 8500E	0.222	<0.5	0.01	0.74	1.59	0.05	0.10	1.32	4.7	0.14
L8000N- 8600E	0.193	<0.5	0.01	0.47	1.12	0.05	0.05	0.32	3.6	0.15
L8000N- 8700E	0.228	<0.5	<0.01	0.48	1.08	0.05	0.04	0.36	3.6	0.18
L8000N- 8800E	0.237	<0.5	0.01	0.65	1.40	0.07	0.05	0.32	5.1	0.19
L8000N- 8900E	0.154	<0.5	0.01	1.20	2.13	0.08	0.07	0.67	7.4	0.18
L8000N- 9000E	0.204	<0.5	0.01	1.44	2.51	0.10	0.10	0.36	6.0	0.23
L8000N- 9100E	0.162	<0.5	0.01	1.02	1.95	0.08	0.09	0.77	4.8	0.18
L8000N- 9200E	0.259	<0.5	0.01	1.00	1.67	0.10	0.08	0.73	3.4	0.15
L8000N- 9300E	0.243	0.5	0.01	1.09	2.28	0.12	0.07	1.57	7.3	0.14
L8000N- 9400E	0.130	0.6	<0.01	2.22	3.45	0.09	0.07	0.97	6.3	0.21
L8000N- 9500E	0.228	<0.5	0.01	0.92	1.92	0.12	0.07	0.87	3.3	0.13
L8000N- 9600E	0.248	<0.5	0.01	1.05	1.63	0.11	0.06	0.65	2.1	0.28
L8000N- 9700E	0.180	<0.5	0.01	0.98	1.51	0.15	0.10	0.68	1.6	0.19
L8000N- 9800E	0.208	<0.5	0.01	0.79	1.77	0.11	0.05	0.47	1.3	0.13
L8000N- 9900E	0.353	<0.5	0.01	1.27	1.75	0.16	0.06	0.81	2.7	0.12
L8000N-10000E	0.147	<0.5	0.01	0.68	1.81	0.21	0.06	0.11	<0.5	0.02
L8000N-10100E	0.209	<0.5	<0.01	0.94	2.08	0.14	0.05	0.75	5.2	0.08
L6500N-5200E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L6500N-5300E	0.136	<0.5	0.01	0.58	1.19	0.04	0.09	0.77	2.6	0.32
L6500N-5400E	0.180	0.6	0.01	0.78	2.17	0.06	0.15	0.62	5.2	0.35
L6500N-5500E	0.100	<0.5	0.02	0.89	1.97	0.15	0.11	0.56	5.0	0.31
L6500N-5600E	0.041	<0.5	0.01	0.72	1.68	0.24	0.07	0.44	3.8	0.25
L6500N-5800E	0.136	<0.5	0.02	0.59	1.13	0.03	0.03	0.74	2.5	0.40
L6500N-5900E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L6500N-6000E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L6500N-6200E	0.048	<0.5	0.02	0.74	1.72	0.07	0.10	0.89	2.6	0.30
L6500N-6300E	0.154	<0.5	0.01	0.71	1.97	0.22	0.07	0.37	3.1	0.23
L6500N-6400E	0.096	<0.5	0.01	0.81	2.35	0.23	0.07	0.37	3.8	0.22
L6500N-6500E	0.139	<0.5	<0.01	0.21	1.03	0.05	0.03	0.25	2.4	0.17
L6500N-6600E	0.152	<0.5	0.01	1.01	2.59	0.37	0.08	0.57	5.0	0.21
L6500N-6800E	0.187	<0.5	0.01	0.78	2.13	0.16	0.07	0.32	6.4	0.16
L6500N-6900E	0.173	<0.5	0.01	0.70	1.51	0.11	0.06	0.41	3.9	0.13
L6500N-7000E	0.087	<0.5	0.01	1.00	1.89	0.19	0.12	0.60	4.0	0.16
L6500N-7100E	0.095	0.5	0.01	0.89	1.87	0.09	0.08	0.37	4.9	0.15
L6500N-7200E	0.095	<0.5	0.01	0.73	1.30	0.06	0.08	0.57	3.1	0.18
L6500N-7300E	0.115	<0.5	0.01	2.16	2.34	0.09	0.13	1.16	11.4	0.20
L6500N-7400E	0.128	0.5	<0.01	3.58	3.04	0.19	0.85	0.62	25.2	0.24
L6500N-7500E	0.141	<0.5	<0.01	2.24	2.74	0.15	0.08	0.22	16.6	0.19
L6500N-7600E	0.064	<0.5	<0.01	1.31	1.52	0.20	0.04	0.48	3.1	0.29
L6500N-7700E	0.144	<0.5	<0.01	1.28	1.89	0.10	0.08	0.87	6.5	0.22

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Element	WtKg	Be	Na	Mg	Al	P	K	Ca	Sc	Ti
Method	WGH79	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B
Det.Lim.	0.001	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01
Units	kg	ppm	%	%	%	%	%	%	ppm	%
L6500N-7800E	0.039	<0.5	<0.01	1.20	1.88	0.12	0.06	0.54	5.8	0.24
L6500N-7900E	0.088	<0.5	0.01	1.19	1.68	0.19	0.05	0.48	5.8	0.23
L6500N-8000E	0.118	<0.5	<0.01	2.26	3.39	0.27	0.09	0.72	7.6	0.31
L6500N-8100E	0.054	<0.5	<0.01	1.63	2.07	0.06	0.09	0.23	5.0	0.14
L6500N-8200E	0.318	<0.5	0.01	1.60	2.19	0.17	0.14	0.81	4.5	0.37
L6500N-8300E	0.052	<0.5	0.01	4.98	4.08	0.15	0.17	0.70	34.2	0.48
L6500N-8400E	0.113	<0.5	<0.01	1.07	1.35	0.07	0.03	0.86	5.1	0.42
L6500N-8500E	0.047	<0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.01
L5500N-5000E	0.206	<0.5	0.02	1.03	1.73	0.03	0.14	0.73	4.3	0.36
L5500N-5100E	0.177	<0.5	0.02	0.91	1.53	0.03	0.12	0.71	4.0	0.39
L5500N-5200E	0.159	<0.5	0.02	0.69	1.31	0.02	0.08	0.73	3.7	0.40
L5500N-5300E	0.219	<0.5	0.02	0.62	1.26	0.02	0.07	0.76	3.7	0.39
L5500N-5400E	0.129	<0.5	0.02	1.09	2.23	0.07	0.12	0.97	4.4	0.29
L5500N-5500E	0.211	<0.5	0.02	0.83	1.57	0.03	0.08	0.69	3.3	0.45
L5500N-5700E	0.152	<0.5	0.01	0.18	0.89	0.04	0.03	0.35	2.2	0.21
L5500N-5800E	0.076	<0.5	0.01	0.31	0.88	0.05	0.06	0.52	1.8	0.24
L5500N-5900E	0.209	<0.5	0.02	1.09	1.74	0.10	0.20	0.79	4.2	0.30
L5500N-6100E	0.179	<0.5	0.01	1.03	2.45	0.32	0.16	0.51	2.7	0.19
L5500N-6200E	0.300	0.5	0.01	1.32	2.51	0.26	0.20	0.65	4.0	0.22
L5500N-6300E	0.321	0.5	0.01	1.15	2.89	0.23	0.13	0.47	3.6	0.21
L5500N-6400E	0.253	0.5	0.01	0.83	2.37	0.21	0.07	0.42	3.9	0.18
L5500N-6500E	0.219	<0.5	0.01	0.80	1.89	0.16	0.11	0.69	3.9	0.20
L5500N-6600E	0.232	0.5	0.01	1.19	2.65	0.32	0.12	0.68	4.4	0.28
L5500N-6700E	0.230	<0.5	0.01	0.76	2.29	0.33	0.06	0.44	3.8	0.14
L5500N-6800E	0.254	<0.5	0.01	1.22	1.98	0.22	0.07	0.77	5.2	0.24
L5600N-5900E	0.093	<0.5	0.03	1.10	1.71	0.14	0.08	0.71	3.1	0.41
L5600N-6000E	0.044	<0.5	0.03	1.09	2.04	0.15	0.15	0.58	4.3	0.17
L5600N-6100E	0.116	<0.5	<0.01	0.96	2.16	0.12	0.10	0.29	1.5	0.11
*Rep L8000N- 9100E		<0.5	0.01	1.02	1.95	0.08	0.08	0.77	4.7	0.17
*Rep L8000N-10000E		<0.5	<0.01	0.66	1.80	0.21	0.06	0.11	<0.5	0.02
*Rep L6500N-6900E		<0.5	0.01	0.72	1.53	0.11	0.06	0.41	4.0	0.13
*Rep L6500N-8300E		0.5	0.01	4.85	3.96	0.15	0.16	0.68	33.9	0.45
*Rep L5500N-5400E		<0.5	0.03	1.09	2.23	0.07	0.11	0.99	4.4	0.29
*Rep L5600N-5900E		<0.5	0.03	1.09	1.69	0.14	0.09	0.70	3.0	0.40

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Element Method Det.Lim. Units	V ICP14B 2 ppm	Cr ICP14B 1 ppm	Mn ICP14B 2 ppm	Fe ICP14B 0.01 %	Co ICP14B 1 ppm	Ni ICP14B 1 ppm	Cu ICP14B 0.5 ppm	Zn ICP14B 0.5 ppm	As ICP14B 3 ppm	Sr ICP14B 0.5 ppm
L8000N-8200E	50	26	148	2.02	3	8	14.0	37.5	5	29.0
L8000N-8300E	84	75	475	3.76	16	25	66.5	56.7	10	44.4
L8000N-8400E	70	61	1510	3.35	15	22	103	63.0	8	59.5
L8000N-8500E	82	53	298	3.46	9	14	87.5	48.7	9	70.0
L8000N-8600E	64	40	156	2.30	6	10	14.7	30.5	5	31.3
L8000N-8700E	58	37	142	1.83	5	10	8.9	28.9	3	34.2
L8000N-8800E	82	48	176	2.69	5	12	9.2	36.1	6	30.1
L8000N-8900E	140	68	514	4.61	16	19	84.5	67.9	6	37.4
L8000N-9000E	118	76	404	5.14	17	26	103	70.1	9	29.0
L8000N-9100E	101	63	1090	4.16	23	20	77.0	93.6	5	41.7
L8000N-9200E	81	56	747	3.86	15	18	57.3	98.3	3	43.2
L8000N-9300E	89	66	2480	4.30	25	30	276	138	9	61.5
L8000N-9400E	118	68	1450	5.61	26	36	384	119	7	47.6
L8000N-9500E	98	56	1540	3.93	17	18	81.1	106	9	52.0
L8000N-9600E	104	30	422	4.40	12	11	25.1	62.8	5	45.3
L8000N-9700E	93	53	874	3.78	14	12	44.1	76.1	5	42.7
L8000N-9800E	80	48	764	3.69	10	18	56.3	73.3	8	34.3
L8000N-9900E	61	271	1130	4.11	36	74	104	49.6	7	21.8
L8000N-10000E	94	43	1030	4.36	13	16	67.4	67.0	15	10.3
L8000N-10100E	57	49	364	3.60	10	25	78.5	54.7	10	37.7
L6500N-5200E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L6500N-5300E	56	16	214	1.59	5	6	45.7	23.7	4	61.3
L6500N-5400E	110	18	242	3.37	8	6	57.3	25.8	3	50.2
L6500N-5500E	115	22	267	3.84	9	8	35.3	34.9	8	44.0
L6500N-5600E	119	31	265	4.63	7	9	34.2	34.3	5	34.8
L6500N-5800E	87	25	169	1.75	7	8	14.4	19.2	4	50.2
L6500N-5900E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L6500N-6000E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L6500N-6200E	75	25	923	2.60	28	10	104	34.0	5	69.8
L6500N-6300E	106	35	509	4.59	9	10	27.6	63.2	7	32.1
L6500N-6400E	114	47	430	5.31	11	14	34.3	67.4	7	31.2
L6500N-6500E	58	18	100	1.80	2	5	6.7	15.9	5	31.2
L6500N-6600E	108	35	404	4.50	12	12	47.2	64.7	6	45.0
L6500N-6800E	78	43	348	3.62	11	15	37.4	46.3	7	39.4
L6500N-6900E	64	40	234	2.75	7	12	32.3	39.7	9	36.7
L6500N-7000E	96	84	340	4.16	12	21	68.6	42.3	8	41.4
L6500N-7100E	69	52	333	3.22	11	17	50.1	47.0	5	37.5
L6500N-7200E	85	115	307	3.47	14	17	17.3	48.9	<3	42.8
L6500N-7300E	107	175	391	4.58	19	41	23.9	63.0	<3	49.6
L6500N-7400E	174	219	1060	6.73	33	57	61.6	71.6	5	33.7
L6500N-7500E	126	271	250	6.28	24	58	54.2	63.1	6	25.2
L6500N-7600E	118	172	394	4.45	15	27	25.3	41.5	5	33.1
L6500N-7700E	129	94	349	4.82	16	21	31.8	44.2	5	58.6

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Element	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr
Method	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B
Det.Lim.	2	1	2	0.01	1	1	0.5	0.5	3	0.5
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
L6500N-7800E	126	148	283	4.96	14	23	23.9	46.7	6	42.8
L6500N-7900E	118	116	307	4.20	12	22	24.3	45.2	3	41.4
L6500N-8000E	145	50	562	5.75	21	16	69.1	92.5	4	75.1
L6500N-8100E	118	25	314	4.63	14	11	18.8	63.0	<3	17.5
L6500N-8200E	138	75	448	4.00	18	21	25.4	60.1	7	103
L6500N-8300E	342	178	795	8.36	39	88	9.7	79.9	<3	28.4
L6500N-8400E	158	32	301	5.04	15	12	19.1	44.8	4	104
L6500N-8500E	<2	<1	<2	<0.01	<1	<1	<0.5	<0.5	<3	<0.5
L5500N-5000E	98	25	302	2.98	9	11	50.1	35.3	<3	58.9
L5500N-5100E	91	25	262	2.53	8	11	41.2	29.2	6	56.6
L5500N-5200E	78	21	210	1.95	6	8	29.4	24.0	<3	62.0
L5500N-5300E	74	19	206	1.83	6	8	26.3	23.1	4	65.6
L5500N-5400E	78	45	346	2.82	12	15	132	51.0	4	86.6
L5500N-5500E	82	14	245	1.93	8	7	17.7	32.8	8	53.7
L5500N-5700E	70	16	83	1.61	2	4	19.8	13.5	<3	37.4
L5500N-5800E	49	24	138	1.08	3	9	20.2	15.0	4	36.0
L5500N-5900E	145	50	374	5.41	13	15	34.2	64.6	4	54.6
L5500N-6100E	108	38	553	4.78	12	13	43.6	65.9	6	35.7
L5500N-6200E	113	47	505	4.52	17	18	164	56.8	<3	48.0
L5500N-6300E	93	42	468	3.88	15	17	113	59.7	6	38.2
L5500N-6400E	94	50	383	4.30	12	14	68.5	51.4	4	32.5
L5500N-6500E	86	39	448	3.34	11	12	62.4	35.8	6	51.5
L5500N-6600E	135	48	866	4.94	15	14	63.8	91.9	<3	49.5
L5500N-6700E	89	43	347	4.21	9	12	36.7	52.8	9	39.3
L5500N-6800E	127	154	408	5.65	17	24	33.0	60.8	<3	50.9
L5600N-5900E	140	22	445	4.39	13	9	24.3	74.6	9	62.8
L5600N-6000E	94	56	579	4.17	18	21	90.2	63.6	5	47.7
L5600N-6100E	95	53	857	3.91	14	15	45.3	76.5	7	34.8
*Rep L8000N-9100E	98	63	1140	4.23	24	21	77.2	93.6	9	42.1
*Rep L8000N-10000E	95	42	1010	4.37	12	17	68.4	65.4	12	10.2
*Rep L6500N-6900E	63	41	238	2.80	7	13	34.0	40.0	5	37.1
*Rep L6500N-8300E	338	178	780	8.25	38	88	9.7	78.5	<3	27.8
*Rep L5500N-5400E	78	45	349	2.84	12	16	131	51.2	<3	88.5
*Rep L5600N-5900E	138	22	433	4.29	13	10	24.8	74.2	5	61.7

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Element Method Det.Lim. Units	Y ICP14B 0.5 ppm	Zr ICP14B 0.5 ppm	Mo ICP14B 1 ppm	Ag ICP14B 2 ppm	Cd ICP14B 1 ppm	Sn ICP14B 10 ppm	Sb ICP14B 5 ppm	Ba ICP14B 1 ppm	La ICP14B 0.5 ppm	W ICP14B 10 ppm
L8000N- 8200E	2.1	<0.5	<1	<2	<1	<10	<5	89	6.7	<10
L8000N- 8300E	6.7	0.5	<1	<2	<1	<10	<5	68	5.3	<10
L8000N- 8400E	10.9	<0.5	5	<2	<1	<10	5	115	6.5	<10
L8000N- 8500E	5.3	<0.5	2	<2	<1	<10	<5	118	4.9	<10
L8000N- 8600E	2.4	<0.5	<1	<2	<1	<10	<5	56	5.0	<10
L8000N- 8700E	2.5	<0.5	<1	<2	<1	<10	<5	55	5.4	<10
L8000N- 8800E	2.1	0.5	<1	<2	<1	<10	<5	31	3.2	<10
L8000N- 8900E	2.3	<0.5	3	<2	<1	<10	<5	113	1.8	<10
L8000N- 9000E	2.7	0.9	1	<2	<1	<10	6	53	2.1	<10
L8000N- 9100E	4.2	0.5	3	<2	<1	<10	<5	97	4.1	<10
L8000N- 9200E	3.2	0.5	2	<2	<1	<10	<5	208	2.7	<10
L8000N- 9300E	11.5	<0.5	3	<2	2	<10	<5	145	5.4	<10
L8000N- 9400E	18.1	<0.5	4	<2	1	<10	<5	72	6.1	<10
L8000N- 9500E	9.2	<0.5	3	<2	2	<10	<5	83	6.0	<10
L8000N- 9600E	2.3	1.1	<1	<2	<1	<10	5	67	1.4	<10
L8000N- 9700E	2.3	<0.5	<1	<2	<1	<10	<5	164	2.0	<10
L8000N- 9800E	3.1	<0.5	<1	<2	<1	<10	<5	119	5.6	<10
L8000N- 9900E	4.1	<0.5	1	<2	<1	<10	<5	95	2.5	<10
L8000N-10000E	3.4	<0.5	<1	<2	<1	<10	<5	114	3.6	<10
L8000N-10100E	11.3	0.8	<1	<2	<1	<10	<5	67	16.3	<10
L6500N-5200E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L6500N-5300E	5.5	0.7	1	<2	<1	<10	<5	50	3.4	<10
L6500N-5400E	4.8	2.0	1	<2	<1	<10	<5	51	2.3	<10
L6500N-5500E	3.5	1.4	<1	<2	<1	<10	<5	69	2.4	<10
L6500N-5600E	2.9	1.0	<1	<2	<1	<10	<5	33	3.2	<10
L6500N-5800E	3.4	0.8	<1	<2	<1	<10	<5	33	1.7	<10
L6500N-5900E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L6500N-6000E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L6500N-6200E	5.9	<0.5	5	<2	<1	<10	<5	87	4.1	<10
L6500N-6300E	2.3	0.8	<1	<2	<1	<10	<5	47	3.4	<10
L6500N-6400E	2.7	1.1	<1	<2	<1	<10	7	54	2.8	<10
L6500N-6500E	1.6	<0.5	<1	<2	<1	<10	<5	36	5.6	<10
L6500N-6600E	4.2	<0.5	<1	<2	<1	<10	5	75	4.6	<10
L6500N-6800E	3.8	1.3	<1	<2	<1	<10	<5	72	5.8	<10
L6500N-6900E	3.8	<0.5	<1	<2	<1	<10	<5	70	7.7	<10
L6500N-7000E	5.3	1.4	<1	<2	<1	<10	<5	76	9.5	<10
L6500N-7100E	4.7	3.0	<1	<2	<1	<10	<5	89	9.6	<10
L6500N-7200E	3.0	0.8	<1	<2	<1	<10	<5	56	6.2	<10
L6500N-7300E	2.4	0.6	<1	<2	<1	<10	<5	143	5.1	<10
L6500N-7400E	7.8	0.5	<1	<2	<1	<10	5	162	5.6	<10
L6500N-7500E	1.7	1.5	<1	<2	<1	<10	<5	44	2.3	<10
L6500N-7600E	2.1	0.8	<1	<2	<1	<10	7	50	1.8	<10
L6500N-7700E	2.8	0.8	2	<2	<1	<10	<5	220	1.9	<10

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Element	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W
Method	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B
Det.Lim.	0.5	0.5	1	2	1	10	5	1	0.5	10
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L6500N-7800E	2.0	1.0	1	<2	<1	<10	6	121	1.8	<10
L6500N-7900E	2.0	0.7	<1	<2	<1	<10	<5	46	1.9	<10
L6500N-8000E	3.6	1.3	<1	<2	<1	<10	<5	52	2.3	<10
L6500N-8100E	3.2	<0.5	<1	<2	<1	<10	<5	173	3.2	<10
L6500N-8200E	3.0	0.5	<1	<2	<1	<10	<5	125	1.4	<10
L6500N-8300E	6.6	1.2	<1	<2	<1	<10	13	128	2.0	<10
L6500N-8400E	3.9	0.8	<1	<2	<1	<10	<5	78	1.3	<10
L6500N-8500E	<0.5	<0.5	<1	<2	<1	<10	<5	<1	<0.5	<10
L5500N-5000E	4.6	1.0	<1	<2	<1	<10	<5	76	3.0	<10
L5500N-5100E	4.3	0.9	<1	<2	<1	<10	<5	72	2.6	<10
L5500N-5200E	4.6	0.9	<1	<2	<1	<10	<5	66	2.8	<10
L5500N-5300E	4.7	1.0	<1	<2	<1	<10	<5	65	3.2	<10
L5500N-5400E	5.8	<0.5	<1	<2	<1	<10	<5	82	3.4	<10
L5500N-5500E	3.6	0.8	<1	<2	<1	<10	6	47	2.2	<10
L5500N-5700E	2.1	0.6	<1	<2	<1	<10	<5	107	4.8	<10
L5500N-5800E	3.6	0.5	<1	<2	<1	<10	<5	72	3.1	<10
L5500N-5900E	4.7	1.0	<1	<2	<1	<10	<5	72	3.7	<10
L5500N-6100E	3.8	<0.5	<1	<2	<1	<10	7	57	4.4	<10
L5500N-6200E	5.2	0.5	<1	<2	<1	<10	<5	89	5.8	<10
L5500N-6300E	3.3	<0.5	<1	<2	<1	<10	<5	74	3.5	<10
L5500N-6400E	3.1	0.9	<1	<2	<1	<10	<5	53	3.7	<10
L5500N-6500E	7.7	<0.5	<1	<2	<1	<10	5	84	8.5	<10
L5500N-6600E	4.9	1.0	<1	<2	<1	<10	9	49	3.1	<10
L5500N-6700E	3.7	<0.5	<1	<2	<1	<10	<5	58	4.9	<10
L5500N-6800E	3.5	1.6	<1	<2	<1	<10	<5	63	2.2	<10
L5600N-5900E	4.8	1.6	<1	<2	<1	<10	<5	105	4.1	<10
L5600N-6000E	5.7	0.8	<1	<2	<1	<10	<5	75	8.6	<10
L5600N-6100E	2.1	<0.5	<1	<2	<1	<10	<5	63	3.9	<10
*Rep L8000N- 9100E	4.0	<0.5	3	<2	<1	<10	<5	98	4.7	<10
*Rep L8000N-10000E	3.5	<0.5	<1	<2	<1	<10	<5	113	4.3	<10
*Rep L6500N-6900E	3.7	<0.5	<1	<2	<1	<10	<5	69	7.5	<10
*Rep L6500N-8300E	6.5	1.4	<1	<2	<1	<10	5	126	1.4	<10
*Rep L5500N-5400E	5.9	<0.5	<1	<2	<1	<10	<5	85	3.4	<10
*Rep L5600N-5900E	4.5	1.5	<1	<2	<1	<10	5	104	3.6	<10

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Element	Pb	Bi	Li
Method	ICP14B	ICP14B	ICP14B
Det.Lim.	2	5	1
Units	ppm	ppm	ppm
L8000N-8200E	3	<5	10
L8000N-8300E	4	<5	19
L8000N-8400E	8	<5	16
L8000N-8500E	6	<5	15
L8000N-8600E	4	<5	5
L8000N-8700E	3	<5	4
L8000N-8800E	7	<5	5
L8000N-8900E	4	<5	42
L8000N-9000E	4	<5	26
L8000N-9100E	6	<5	26
L8000N-9200E	4	<5	24
L8000N-9300E	6	<5	59
L8000N-9400E	6	<5	103
L8000N-9500E	6	<5	35
L8000N-9600E	<2	<5	10
L8000N-9700E	4	<5	9
L8000N-9800E	7	<5	12
L8000N-9900E	3	<5	17
L8000N-10000E	7	<5	9
L8000N-10100E	7	<5	31
L6500N-5200E	I.S.	I.S.	I.S.
L6500N-5300E	3	<5	4
L6500N-5400E	3	<5	10
L6500N-5500E	3	<5	9
L6500N-5600E	4	<5	8
L6500N-5800E	3	<5	4
L6500N-5900E	I.S.	I.S.	I.S.
L6500N-6000E	I.S.	I.S.	I.S.
L6500N-6200E	3	<5	5
L6500N-6300E	5	<5	12
L6500N-6400E	7	<5	17
L6500N-6500E	5	<5	2
L6500N-6600E	4	<5	17
L6500N-6800E	5	<5	11
L6500N-6900E	5	<5	12
L6500N-7000E	4	<5	17
L6500N-7100E	6	<5	16
L6500N-7200E	3	<5	14
L6500N-7300E	6	<5	18
L6500N-7400E	3	<5	21
L6500N-7500E	4	<5	14
L6500N-7600E	5	<5	7
L6500N-7700E	5	<5	18

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Element	Pb	Bi	Li
Method	ICP14B	ICP14B	ICP14B
Det.Lim.	2	5	1
Units	ppm	ppm	ppm
L6500N-7800E	3	<5	14
L6500N-7900E	4	<5	9
L6500N-8000E	5	<5	12
L6500N-8100E	5	<5	10
L6500N-8200E	2	<5	8
L6500N-8300E	4	<5	37
L6500N-8400E	3	<5	10
L6500N-8500E	<2	<5	<1
L5500N-5000E	<2	<5	7
L5500N-5100E	2	<5	6
L5500N-5200E	2	<5	4
L5500N-5300E	3	<5	4
L5500N-5400E	5	<5	16
L5500N-5500E	3	<5	4
L5500N-5700E	4	<5	2
L5500N-5800E	7	<5	2
L5500N-5900E	5	<5	12
L5500N-6100E	4	<5	13
L5500N-6200E	4	<5	16
L5500N-6300E	3	<5	17
L5500N-6400E	3	<5	14
L5500N-6500E	5	<5	11
L5500N-6600E	6	<5	19
L5500N-6700E	5	<5	15
L5500N-6800E	3	<5	18
L5600N-5900E	7	<5	7
L5600N-6000E	4	<5	21
L5600N-6100E	5	<5	12
*Rep L8000N- 9100E	7	<5	26
*Rep L8000N-10000E	6	<5	9
*Rep L6500N-6900E	5	<5	12
*Rep L6500N-8300E	5	<5	36
*Rep L5500N-5400E	4	<5	15
*Rep L5600N-5900E	4	<5	7

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