BRITISH COLUMBIA
The Best Place on Earth

Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]: ASSESSMENT

TOTAL COST: $ 138120.00

AUTHOR(S): HUGH SAMSON SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-13-152 YEAR OF WORK: 2009

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S): 4304812

PROPERTY NAME: CHOO

CLAIM NAME(S) (on which work was done): Choo claim # 514424

COMMODITIES SOUGHT: Cu, Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 20974 (Taylor Showing)

MINING DIVISION: Omineca NTS: 93N01

LATITUDE: 55 ° 6 ' NORTH " LONGITUDE: 124 ° 26 ' WEST " (at centre of work)

OWNER(S)

1) SERENGETI RESOURCES INC 2)

MAILING ADDRESS

500-602 WEST HASTINGS ST
VANCOUVER BC V6B1P2

OPERATOR(S) [who paid for the work]

1) SERENGETI RESOURCES INC. 2)

MAILING ADDRESS

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

~~Sedimentary~~ alkalic porphyry Cu, propylitic, jurassic, takla Volcanic group, , diorite porphyry.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

17,793, 19926, 20383, 21288, 22179, 22299, 22895

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil	108 soil samples	514424	$ 1990.00
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core	592.50m	514424	$ 69,580.00
Non-core		514424	$ 47,869.00
RELATED TECHNICAL	soil + core samples		
Sampling/assaying	108 + 222 = 330	514424	$ 8681.78
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail	0.5 km	514424	$ 10,000
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	$ 138,120.78

SERENGETI
RESOURCES INC.

Geochemical and Diamond Drilling Assessment Report on the Choo Property

Located in the Omineca Mining Division
NTS 93N 01 & 93 N 02

Reporting Period: January 1st, 2009 to December 31st, 2009
Prepared January 2010, Event #4384812

Serengeti Resources Inc.

Prepared By: Hugh Samson

SERENGETI RESOURCES INC.
Suite 500, 602 West Hastings Street
Vancouver, B.C., Canada
V6B 1P2

Table of Contents

List of Tables 1
List of Figures 1
List of Appendix 1
(1) Introduction and Terms of Reference 2
(2) Property Description and Location 2
(3) Accessibility, Local Resources, Infrastructure, Climate and Physiography 7
(4) History 7
(5) Geology 9
(6) Sample Collection Methodology 9
(7) Results 11
(8) Summary and Recommendations 13

List of Tables

Table 1 – Detailed Claim Information

List of Figures

Figure 1 – Property Location
Figure 2 – Mil Property Claims
Figure 3 – Soil Sample and Drill Collar Locations
Figure 4 – Historic Compilation
Figure 5 – Drill Cross Section
Figure 6 – Target Area Compilation with 2009 Drilling

List of Appendix

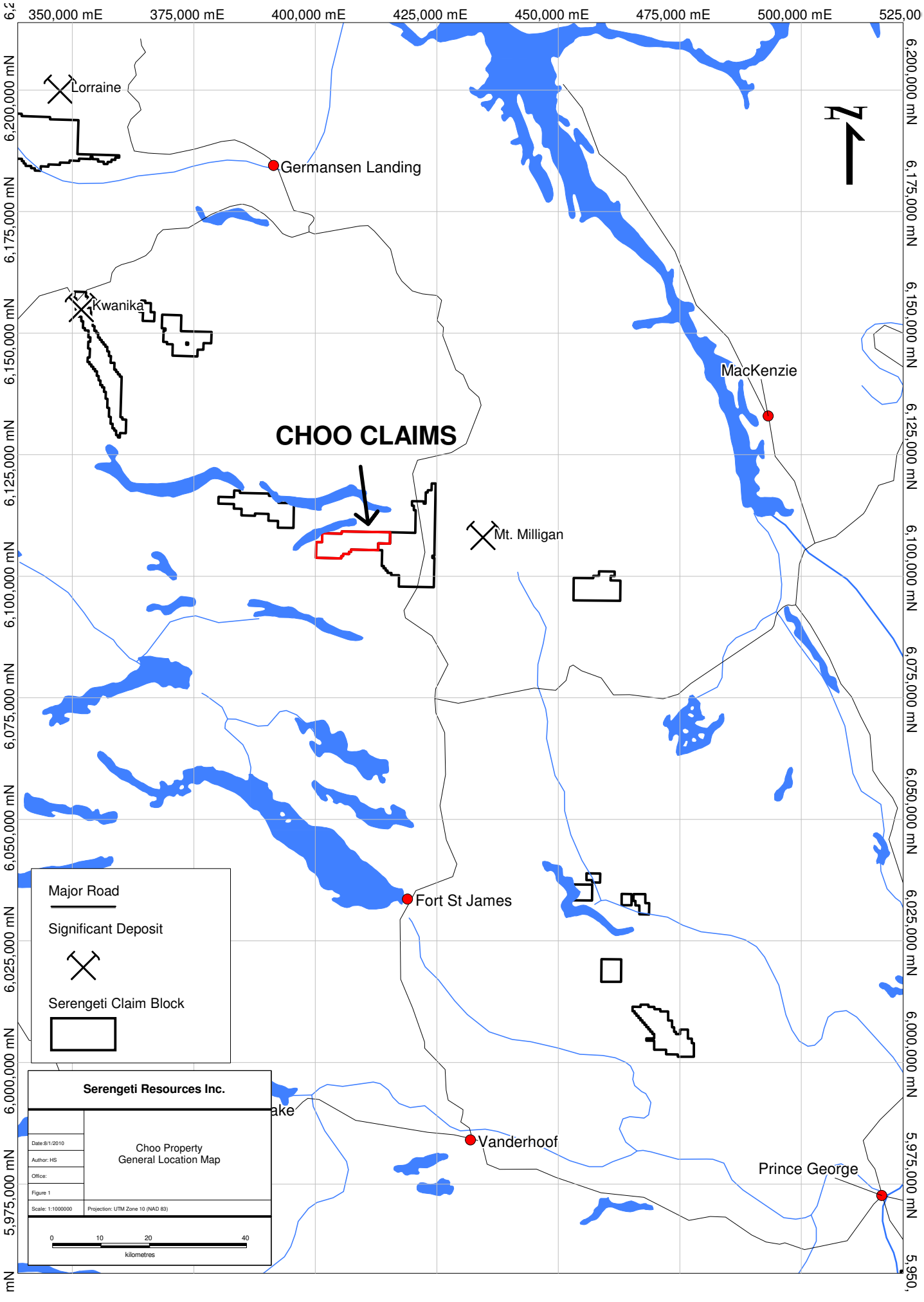
Appendix A - Expenditure Statement
Appendix B - Geologist's Certificate
Appendix C - Field Notes
Appendix D – Maps of Sample Locations and Results
Appendix E - Analytical Certificates and Procedures
Appendix F – Drill Logs and Assay Results

(1) Introduction and Terms of Reference

Serengeti Resources Inc. (Serengeti) acquired the Choo claims by staking between August 2004 and May 2009. The Choo claims were acquired as a result of a review of historical exploration carried out in the area that highlighted the potential for a porphyry Cu+/-Au deposit. The property lies in the prospective Quesnel Trough, between the operating Mount Polley Mine and the development stage Mt. Milligan deposit. In order to test for a covered Cu+/-Au porphyry target on the property, Serengeti financed a $4721.78 geochemical reconnaissance and a $133,399.00 drill program (Appendix A). On June 26th and 27th, 2009, a field crew working for Serengeti visited the Choo property and collected 54 MMI and 54 "B" horizon soil samples (Figure 3). In order to follow up on geophysical targets and past drilling results, a drill program was conducted from October 8th-17th, 2009. The drill program was carried out by Cyr Drilling International and consisted of 2 diamond drill holes, totaling 592.53 m. The program was supervised by Dave Mehner, P.Geo, who was employed on a contract-basis by Serengeti.

(2) Property Description and Location

The Choo property is 100% owned by Serengeti. It is located in the Omineca Mining Division of north-central British Columbia, Canada, 80 km north of Fort St James, at 55° 6' north latitude and 124° 26' west longitude (Figure 1). The 14 contiguous mineral claims which comprise the Choo property cover an area of 5,978 hectares (Figure 2). Additional information regarding the individual claims can be referenced in Table 1.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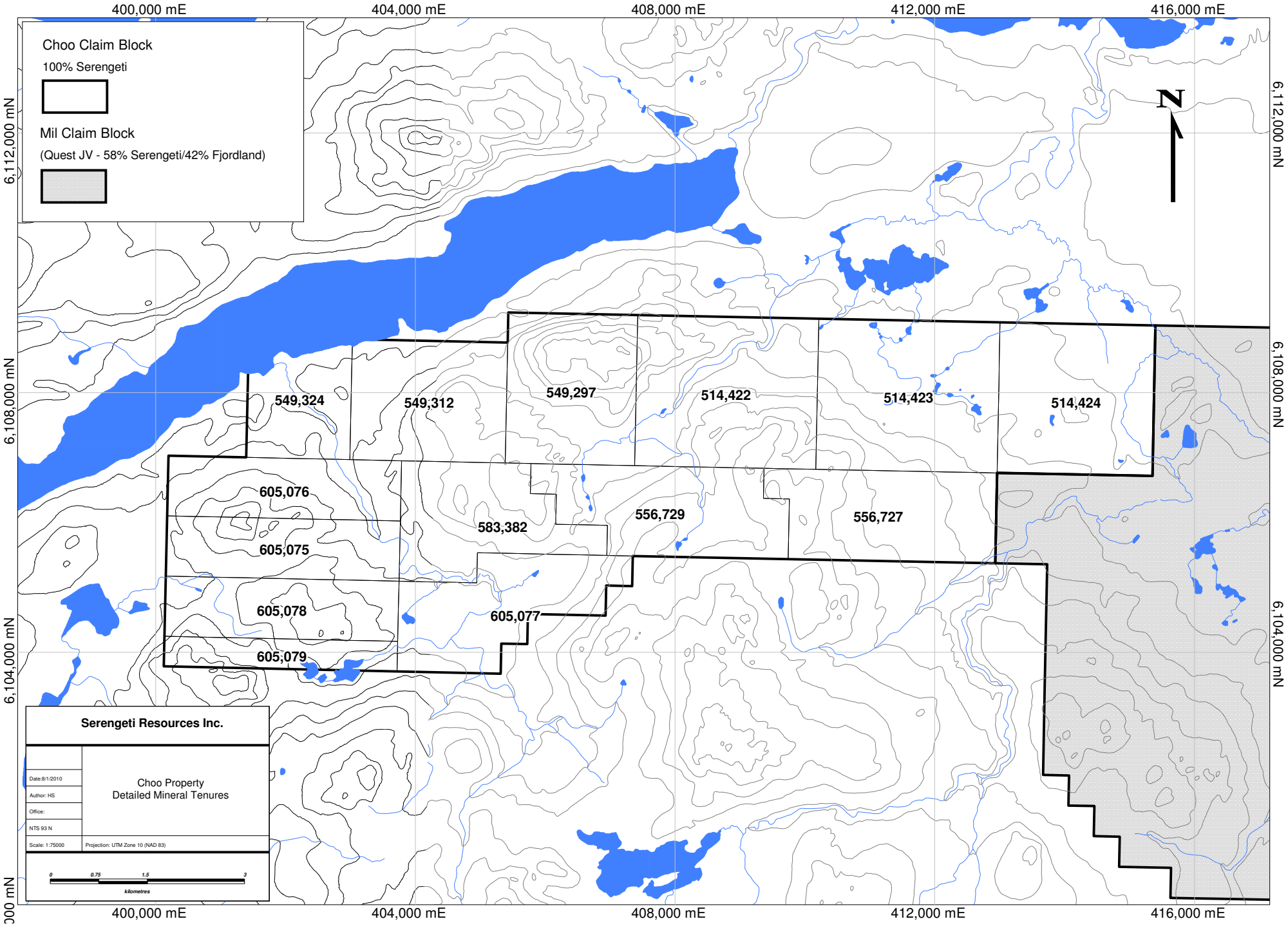
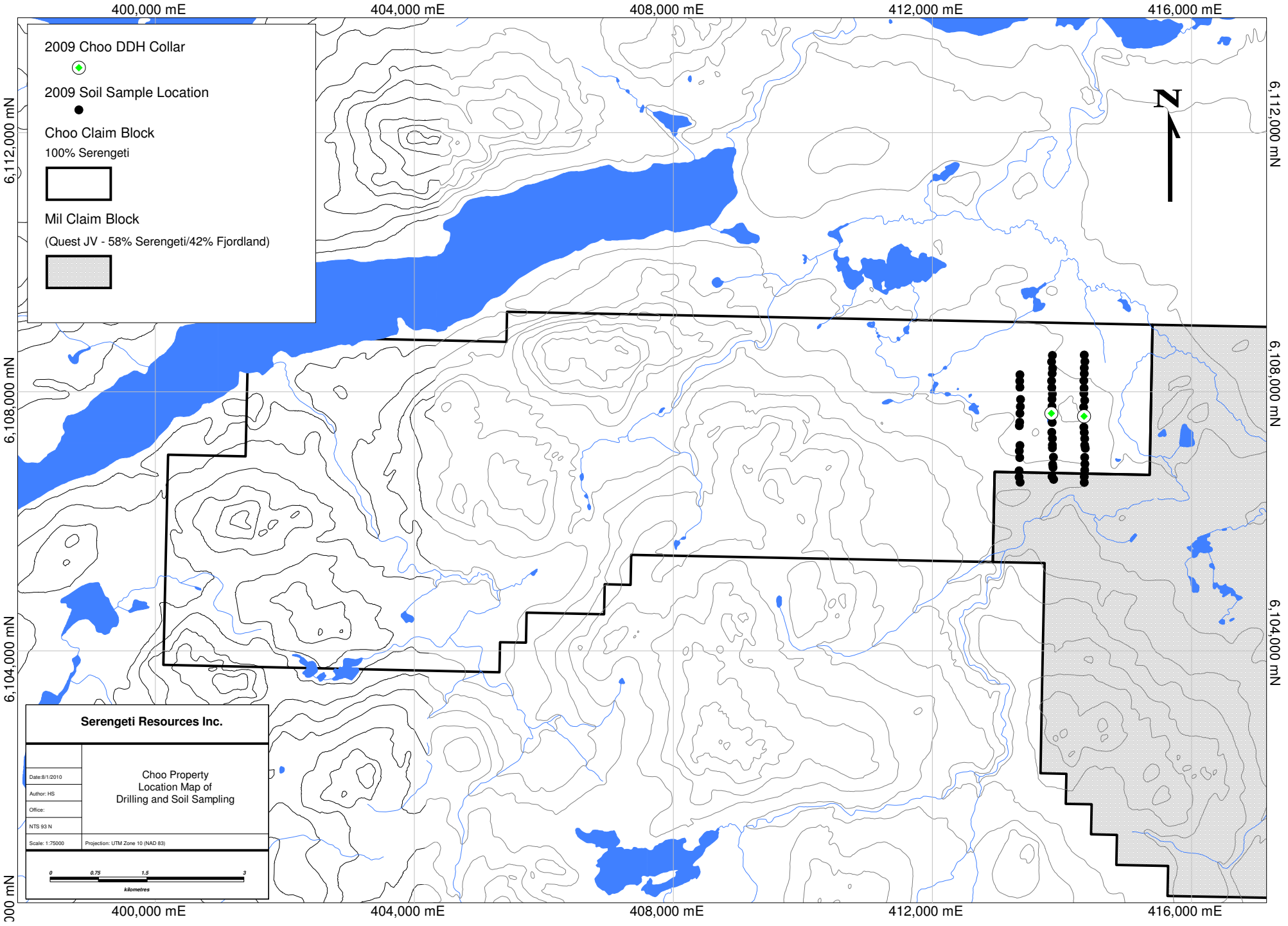
375,000 mE
400,000 mE
425,000 mE
450,000 mE
475,000 mE
500,000 mE
6,200,000 mN
6,175,000 mN
6,150,000 mN
6,125,000 mN
6,100,000 mN
6,075,000 mN
6,050,000 mN
6,025,000 mN
6,000,000 mN
5,975,000 mN
Lorraine
Germansen Landing
Kwanika
MacKenzie
CHOO CLAIMS
Mt. Milligan
Fort St James
Vanderhoof
Prince George
N
Major Road
Significant Deposit
Serengeti Claim Block
Serengeti Resources Inc.
Choo Property
General Location Map
Date:8/1/2010
Author: HS
Office:
Figure 1
Scale: 1:1000000
Projection: UTM Zone 10 (NAD 83)
0
10
20
40
kilometres


400,000 mE
404,000 mE
408,000 mE
412,000 mE
416,000 mE
6,112,000 mN
6,108,000 mN
6,104,000 mN
Choo Claim Block
100% Serengeti
Mil Claim Block
(Quest JV - 58% Serengeti/42% Fjordland)
N
549,324
549,312
549,297
514,422
514,423
514,424
605,076
605,075
605,078
605,079
583,382
605,077
556,729
556,727
Serengeti Resources Inc.
Choo Property
Detailed Mineral Tenures
Date:8/1/2010
Author: HS
Office:
NTS 93 N
Scale: 1:75000
Projection: UTM Zone 10 (NAD 83)
0
0.75
1.5
3
kilometres

SERENGETI RESOURCES INC.
CHOO Property Claims

Project	*Tenure #*	*Claim Name*	*Hectares*	*Expiry Date*	*Record Date*	*Mining Division*
CHOO	514422		647.578	30-Nov-13	5-Aug-04	OMENICA
CHOO	514423		647.582	30-Nov-13	5-Aug-04	OMENICA
CHOO	514424		555.072	30-Nov-13	5-Aug-04	OMENICA
CHOO	549297	CHOO 5	462.555	30-Nov-13	14-Jan-07	OMENICA
CHOO	549312	CHOO 6	444.074	30-Nov-13	14-Jan-07	OMENICA
CHOO	549324	CHOO 7	296.050	30-Nov-13	14-Jan-07	OMENICA
CHOO	556727	CHOO 10	462.747	30-Nov-13	20-Apr-07	OMENICA
CHOO	556729	CHOO 11	462.742	30-Nov-13	20-Apr-07	OMENICA
CHOO	583382	CHOO 101	407.233	30-Nov-13	30-Apr-08	OMENICA
CHOO	605075	CHOO WEST 1	333.228	30-Nov-14	28-May-09	OMENICA
CHOO	605076	CHOO WEST 2	333.159	30-Nov-14	28-May-09	OMENICA
CHOO	605077	CHOO WEST 3	425.876	30-Nov-14	28-May-09	OMENICA
CHOO	605078	CHOO WEST 4	333.301	30-Nov-14	28-May-09	OMENICA
CHOO	605079	CHOO WEST 5	166.677	30-Nov-14	28-May-09	OMENICA
14 claims			**5977.874**			


400,000 mE
404,000 mE
408,000 mE
412,000 mE
416,000 mE
6,112,000 mN
6,108,000 mN
6,104,000 mN
2009 Choo DDH Collar
2009 Soil Sample Location
Choo Claim Block
100% Serengeti
Mil Claim Block
(Quest JV - 58% Serengeti/42% Fjordland)
N
Serengeti Resources Inc.
Choo Property
Location Map of
Drilling and Soil Sampling
Date:8/1/2010
Author: HS
Office:
NTS 93 N
Scale: 1:75000
Projection: UTM Zone 10 (NAD 83)
0
0.75
1.5
3
kilometres

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

Access to the Choo property can be obtained via the North Road from Fort St James. The North Road accesses an extensive network of logging roads in north-central BC. The eastern half of the property is accessible via a network of active forestry roads. All work carried out in the 2009 exploration program is in the eastern half of the property, which is accessible by active logging roads. The property is located approximately 20 km west of the Mt. Milligan deposit, owned by Terrane Metals, and 80 km north of Fort St James.

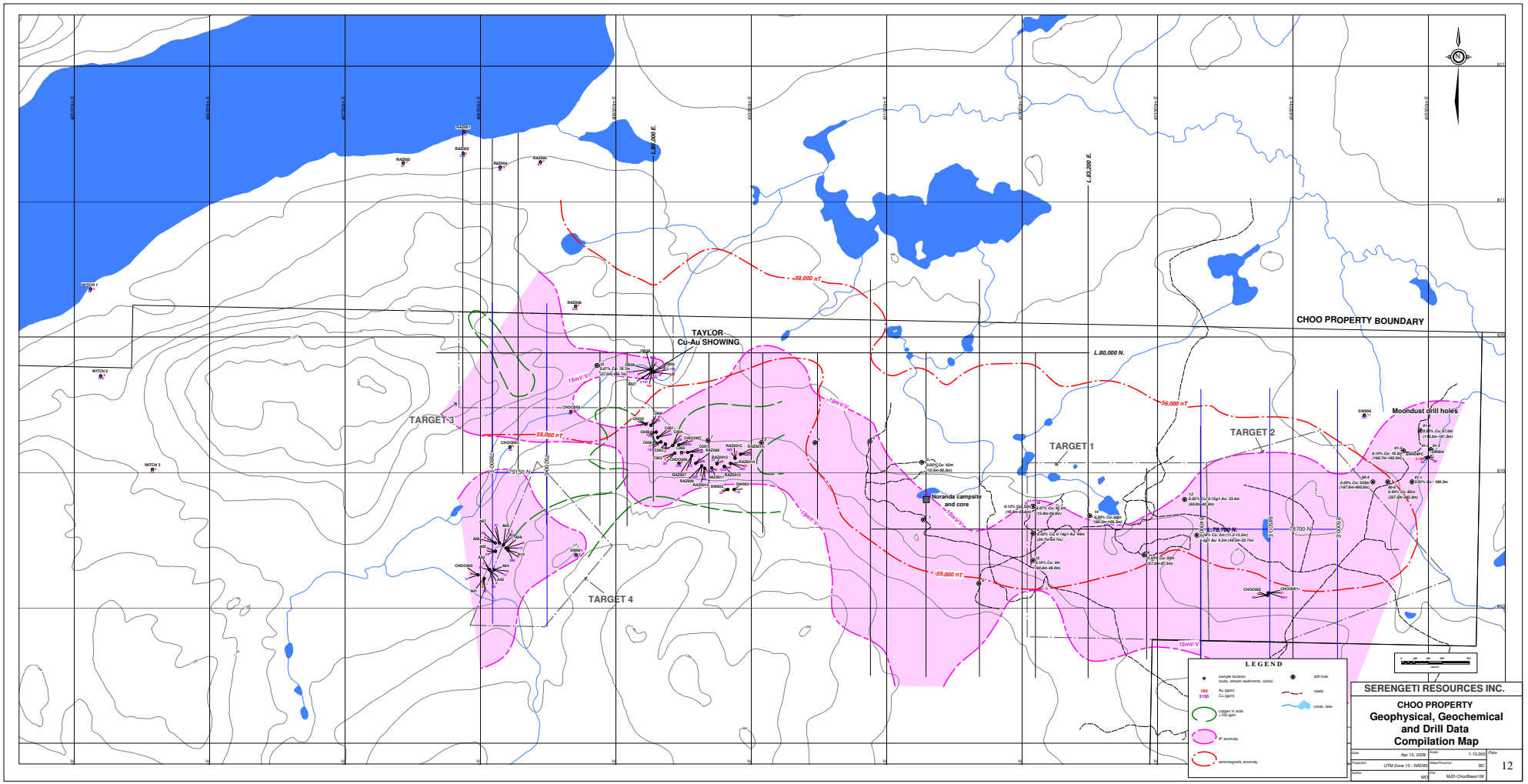
The climate of the region is typical of middle latitudes in Canada as the winters are cold (-5 to -25 deg Celcuis) and summers are warm (20-25 degrees Celcius). Precipitation is moderate as nearby Fort St James receives an average of 47.5 cm of precipitation per year. At this early stage, exploration on the property is confined to a June to November field season.

The property is located in the Interior Plateau at an elevation of 1100-1200 m (asl). Topography is characterized by gentle relief and is covered by extensive glacial-fluvial overburden. The vegetation on the property is best characterized by the presence of pine and fir forests with swampy grasslands occurring in low-lying areas. Much of the eastern half of the property has been or is actively being logged.

(4) History

The skarn copper-gold mineralization at the Taylor Creek showing (located in the north-central region of the Choo claims) was discovered pre-1960. In 1971 Ambassador Mines Ltd. completed a soil grid and ground magnetic/seismic surveys. In 1987 the property was staked by Richard Haslinger and in 1988 Placer Dome completed soil and rock sampling around the Taylor showing. Noranda Exploration then acquired the property in 1989 and to 1992 completed geological mapping, soil/rock sampling, an aeromagnetic-EM survey, ground magnetic and induced polarization surveys and drilled 16 diamond drill holes (1,659m). This data is reported in assessment reports 17,793, 19,926, 20,383, 21,288, 22,179, 22,299 and 22,895. The work identified a greater than 6.5 km by l.0 km, poorly exposed induced polarization anomaly (greater than 15mv/v) that is coincident with strong aeromagnetic anomalies. Wide-spaced drilling intersected pyritized, in part skarnified and propylitized andesite and pyritized and propylitized (local1y with potassic a1teration) diorite and monzonite with low grade copper and gold mineralization. The best holes were #11-0.12%Cu/33.0m, #15-0.07%Cu/79.7m, #8-0.03%Cu and 0.14g/tAu/40.0m and #10-0.68%Cu/3.0m and 1.5g/tAu/4.2m.

In 1990 and 1991 Moondust Ventures Inc. completed geological mapping and an induced polarization survey to the east of Noranda's property but in the eastern end of the current Choo property and drilled seven diamond drill holes. This drilling intersected strongly propylitized andesites with 5 to 8 % disseminated and fracture-controlled pyrite, pyrrhotite


TAYLOR
Cu-Au SHOWING
CHOO PROPERTY BOUNDARY
L.80,000 N.
L.83,200 E.
L.87,000 E.
TARGET 1
TARGET 2
TARGET 3
TARGET 4
Noranda campsite and core
Moondust drill holes
~59,000 nT
15mV/V
79150 N
78700 N
79300 N
LEGEND
sample location (soils, stream sediments, rocks)
Au (ppm)
Cu (ppm)
copper in soils >100 ppm
IP anomaly
aeromagnetic anomaly
drill hole
roads
creek, lake
SERENGETI RESOURCES INC.
CHOO PROPERTY
Geophysical, Geochemical and Drill Data Compilation Map
Date
Apr 13, 2009
Scale
1:10,000
Plate
12
Projection
UTM Zone 10 - NAD83
State/Province
BC
Author
MO
File
NUD-ChooBase10K

and minor chalcopyrite. The best hole was 0.10%Cu/18.3 at the bottom of hole 91-5. Figure 4 is a compilation map, illustrating the significant results of previous geochemical, geophysical, and drilling work done on the Choo property.

(5) Geology

The Choo property lies in the 1,300 km long by 35 km wide Quesnel Trough which hosts numerous alkalic porphyry copper-gold deposits from southern to northern B.C. In the area of the property, the Mt. Milligan and Lorraine deposits are found 20 km to the east and 110 km to the northwest respectively. To the west, deformed and uplifted Permian Cache Creek Group rocks are separated from Quesnel Trough by the Pinchi fault. To the east, the Manson fault zone separates this belt from the uplifted Proterozoic/early Paleozoic Wolverine metamorphic complex and the Mississippian-Permian Slide Mountain and Cache Creek Groups.

In the Chuchi Lake area the Talka Group sequence (Quesnel Trough) is dominated by alkalic to subalkalic dark green tuffs, andesitic to basaltic volcanic breccias and flows of similar composition. These volcanic rocks are intruded by syenite, monzonite, monzodiorite and diorite plug and stocks, which are associated with the porphyry copper-gold mineralization, and are coeval with the volcanic rocks.

The Choo property is almost completely covered by glacial till (3 m to greater than 30 m thick) with scattered outcrops of pyritized and propylitized andesites on a hill in the southeastern part of the Choo claim block, as well as a pyroxene-garnet skarn at the Taylor showing along Taylor Creek. Drilling of the induced polarization anomaly shows widespread pyrite, pyrrohotite and minor chalcopyrite mineralization associated with propylitized and skarnified andesite and propylitized and locally potassically altered (secondary K-feldspar, biotite and magnetite) diorite and monzonite. Mineralization occurs as disseminations, along fractures and in quartz veinlets. Pyrite and pyrrhotite contents are two to greater than 8 percent, commonly greater than five percent.

(6) Sample Collection Methodology

Geochemical Sampling

In order to test for the geochemical signature of a covered mineral deposit, a total of 54 mobile metal ion (MMI) soil samples and 54 “B” horizon soil samples were collected from the Mil property. One of each sample type was collected at 100 m spaced intervals along the measured and staked line that was used for a 2007 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 $\pm$ Au$\pm$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 samples were packaged by the field staff on site and shipped via a local expediting company to Global Discovery Labs (GDL) in Vancouver, British Columbia. All "B" soil samples were dried and -80 mesh screened. They were then analyzed by 30 element ICP-AES following digestion in hot reverse aqua regia. Gold analysis was by aqua regia decomposition of 10 grams of -80 mesh sample with analysis by solvent extraction/AAS analysis.

The MMI samples were packaged by the field staff on site and shipped via a local expediting company to SGS laboratories in Toronto Ontario. SGS analyzed the samples using their proprietary MMI selective leach method.

Drill Core Sampling

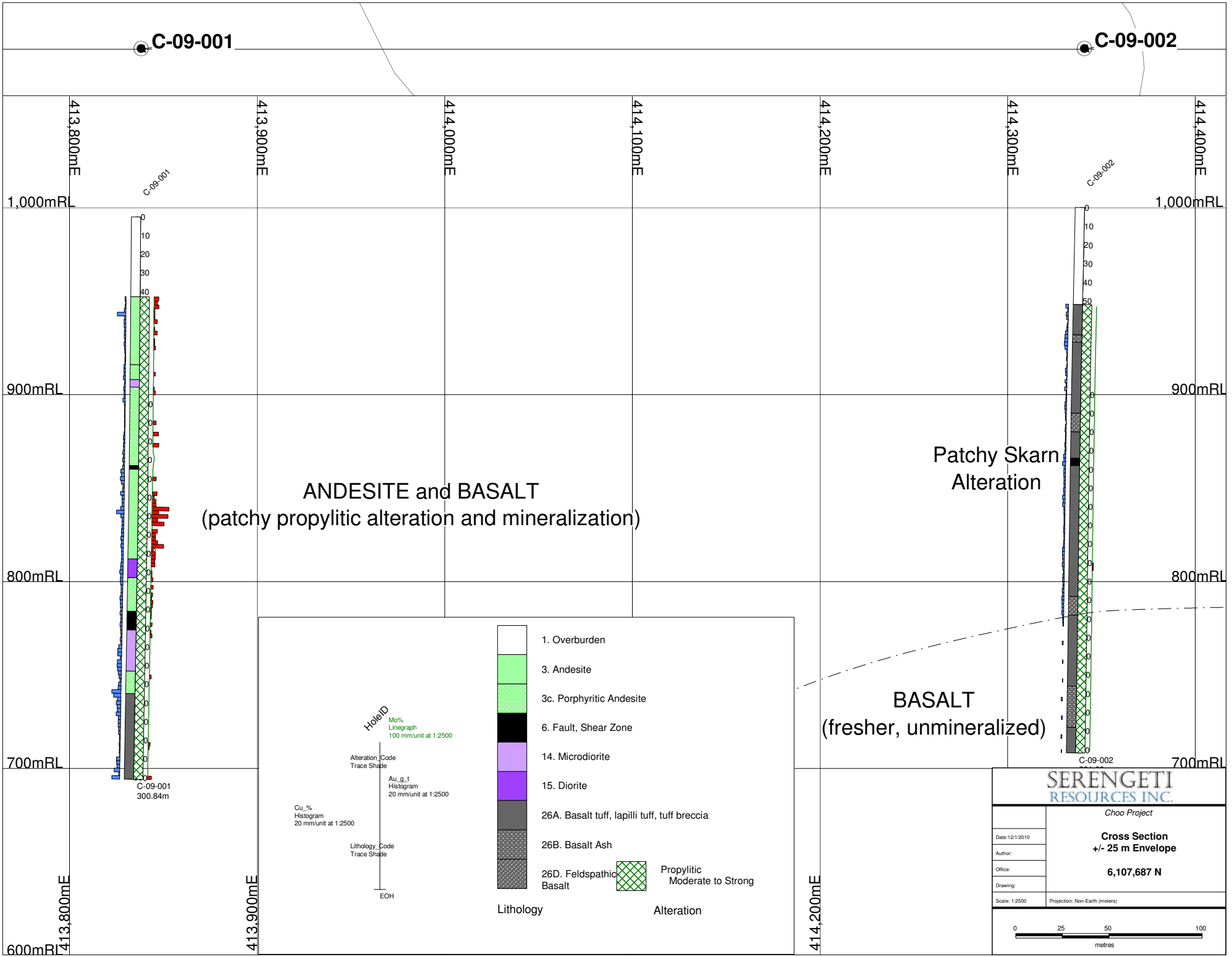
All drill core was logged for geological and geotechnical characteristics (geotechnical logging included rock quality designation (RQD), magnetic susceptibility, and specific gravity), photographed, sampled at 2.00 m intervals, and split by core splitter. All drill core collected by Serengeti on the Choo property was NQ (4.76 cm) size. Assaying of samples was carried out by Global Discovery Labs in Vancouver, British Columbia. The core is currently located in a storage yard in Fort St. James.

Analytical results for all samples collected are shown in the Certificates of Analysis in Appendix E.

(7) Results

The “B” horizon soil sampling identified a roughly co-incident, albeit weak copper and gold in soil anomaly in the central part of the sample grid. The anomaly is defined by three samples that assayed >200 ppm Cu and three samples that assayed >40 ppb Au. Due to the assumed presence of thick glacial till (up to 30 m), the MMI soil sampling program was undertaken to help identify bedrock derived anomalies that may not be obvious using traditional soil sampling methods. The MMI results also defined a co-incident gold and copper anomaly throughout the central part of the grid. The copper anomaly is defined by several >1000 ppb, up to 5000 ppb Cu in MMI anomalies. The “B” Horizon and MMI soil anomalies are open to the west and appear to be increasing in strength to the west, possibly indicating a vector towards mineralization.

The two diamond drill-holes completed by Serengeti intersected propylitically altered volcanics (andesites and basaltic tuffs) and lesser diorite dykes. Alteration included pervasive, weak to strong chlorite, minor epidote and late calcite common in all holes. Choo hole C-09-001, the most westerly of all holes drilled, intersected sulphide veining consisting mainly of pyrite and one chalcopyrite vein in the last box of core. This hole encountered a significant amount of sulphides and variable hydrothermal alteration, suggesting that it may be proximal to a hydrothermal sulphide system. Hole C-09-001 also intersected several diorite porphyry dykes, which may be an indication of a near-by intrusive complex. The second Choo hole (C-09-002) is quite barren of sulphides or any indication of hydrothermal activity for the lower 1/3 of the hole. Relict bedding is evident in this area as well. However, the upper part of hole 2 has been altered by calc-silicate, "skarn-like" alteration and pyrrhotite is present in small amounts with this style of alteration. Figure 5 illustrates a cross section (looking north) of the two drill holes with copper and gold results plotted along the drill traces.


C-09-001
C-09-002
413,800mE
413,900mE
414,000mE
414,100mE
414,200mE
414,300mE
414,400mE
1,000mRL
900mRL
800mRL
700mRL
600mRL
C-09-001
C-09-002
ANDESITE and BASALT
(patchy propylitic alteration and mineralization)
Patchy Skarn
Alteration
BASALT
(fresher, unmineralized)
C-09-001
300.84m
C-09-002
HoleID
Mo%
Linegraph
100 mm/unit at 1:2500
Alteration_Code
Trace Shade
Au_g_t
Histogram
20 mm/unit at 1:2500
Cu_%
Histogram
20 mm/unit at 1:2500
Lithology_Code
Trace Shade
EOH
1. Overburden
3. Andesite
3c. Porphyritic Andesite
6. Fault, Shear Zone
14. Microdiorite
15. Diorite
26A. Basalt tuff, lapilli tuff, tuff breccia
26B. Basalt Ash
26D. Feldspathic Basalt
Propylitic
Moderate to Strong
Lithology
Alteration
SERENGETI RESOURCES INC.
Choo Project
Date:12/1/2010
Author:
Office:
Drawing:
Cross Section
+/- 25 m Envelope
6,107,687 N
Scale: 1:2500
Projection: Non-Earth (meters)
0
25
50
100
metres

(8) Summary and Recommendations

The MMI and "B" Horizon soil sampling program identified a roughly co-incident gold and copper anomaly that is open to the west. While the anomalies are relatively weak, they do increase in intensity to the west, suggesting a vector towards mineralization.

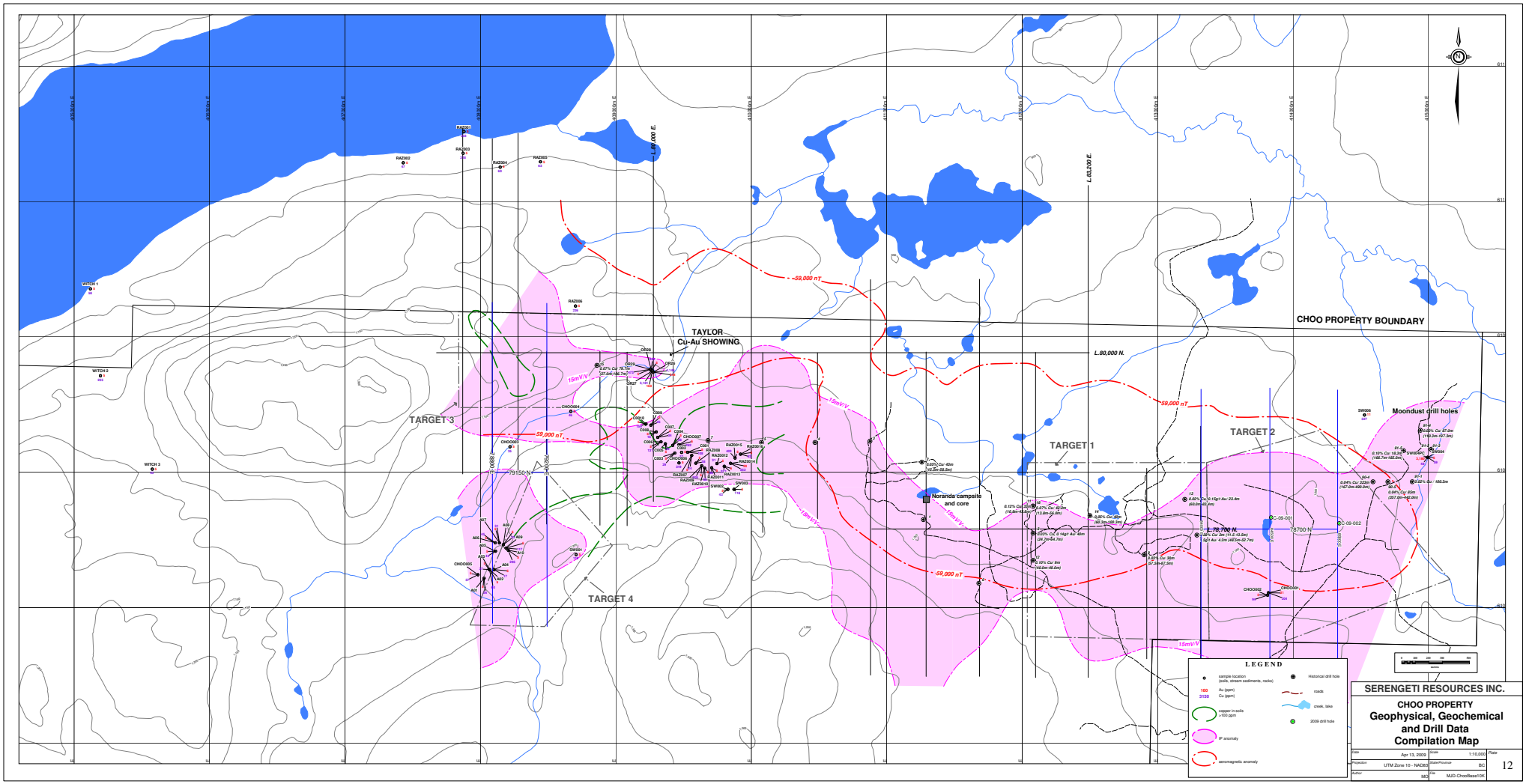
The two diamond drillholes completed by Serengeti were designed to test a very large system of geochemical and geophysical anomalism. The chargeability anomaly that has been defined over much of the Choo property and the Mil property to the east is over 20 km long and up to 2 km wide. In addition, historical drilling has encountered several intervals of strongly anomalous copper and/or gold mineralization. A significant porphyry body of mineralization may not necessarily be obvious in such a large and complex target. Figure 6 illustrates the location of the two Serengeti drill holes in relation to the other work done on the property.

Based on these two holes, future work on the Choo should be concentrated west of hole C-09-001 as there is an increase in intensity of hydrothermal alteration in this direction. The results of the soil sampling also suggest that work should be focused to the west of the 2009 exploration.

Therefore, it is recommended that:

i) Several additional soil lines to the west of the current grid should be sampled in order to further define and expand the open-ended geochemical anomalies

ii) Other prospective areas of this large system should be explored by soil sampling and/or geological mapping programs in order to help define further drilling targets


TAYLOR
Cu-Au SHOWING
CHOO PROPERTY BOUNDARY
TARGET 1
TARGET 2
TARGET 3
TARGET 4
Moondust drill holes
Noranda campsite and core
-59,000 nT
15mV/V
L.80,000 E.
L.83,200 E.
L.80,000 N.
79,150 N.
78,700 N.
LEGEND
sample location (soils, stream sediments, rocks)
Au (ppm)
Cu (ppm)
copper in soils >100 ppm
IP anomaly
aeromagnetic anomaly
Historical drill hole
roads
creek, lake
2009 drill hole
SERENGETI RESOURCES INC.
CHOO PROPERTY
Geophysical, Geochemical and Drill Data Compilation Map
Date
Apr 13, 2009
Scale
1:10,000
Plate
Projection
UTM Zone 10 - NAD83
Claim/Province
BC
Author
MCS
File
MJD-ChooBase10K

Appendix A – Expenditure Statement

Choo Property - 2009 Geochemical Survey Cost Statement

Dates: June 26-27, 2009		
Soil Sampling Crew Costs:		
truck rental	2 days @ $60 per day	$ 120.00
fuel/supplies	2 days @ $50 per day	$ 100.00
sampler 1	2 days @$225/day	$ 450.00
sampler 2	2 days @$200/day	$ 400.00
room and board	3 nights each @ $95/night	$ 570.00
Analysis:		
Soil Sample Analysis		$ 2,731.78
Reporting:		
Assessment Report	1 day @ $350/day	$ 350.00
		Sub-Total
		$ 4,721.78

Choo Property - 2009 Drilling Cost Statement

Dates: October 9-18, 2009		
Geologist	10 days @ $600/day	$ 6,000.00
Geotech	10 days @ $200/day	$ 2,000.00
1st Aid/ETV		$ 4,220.00
truck rental	10 days @ $80 per day	$ 800.00
mob/de-mob		$ 6,000.00
Freight		$ 1,000.00
Fuel		$ 3,000.00
supplies		$ 14,069.00
room and board	84 cumulative nights each @ $95/night	$ 7,980.00
road building		$ 10,000.00
Drilling (contract and supplies)	592.50 m	$ 69,580.00
Analysis:		
Drill Core Sample Analysis		$ 5,950.00
Reporting:		
Assessment Report	8 days @ $350/day	$ 2,800.00
		Sub-Total
		$ 133,399.00

Total
$ 138,120.78

Appendix B – Geologist's Certificate

GEOLOGIST`S CERTIFICATE

I, Hugh R. Samson of #2-1585 West 13th 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.

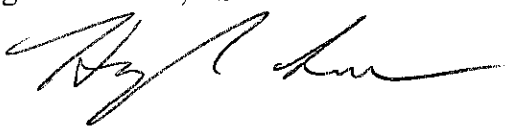
3. THAT I have practised in the field of Geosciences since my graduation from University.

4. THAT this report is based on fieldwork carried out between May 1, 2009 and June 30, 2009, by geological staff and personnel of Serengeti Resources Inc

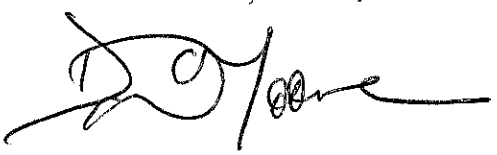
5. THAT this report was written by myself under the supervision and direction of David W. Moore, President and CEO of Serengeti Resources Inc. and a Professional Geoscientist (P. Geo) registered and in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (#28163).

DATED at Vancouver, British Columbia this 25th day of January, 2010.

Hugh R. Samson, BSc



David W. Moore, P. Geo,



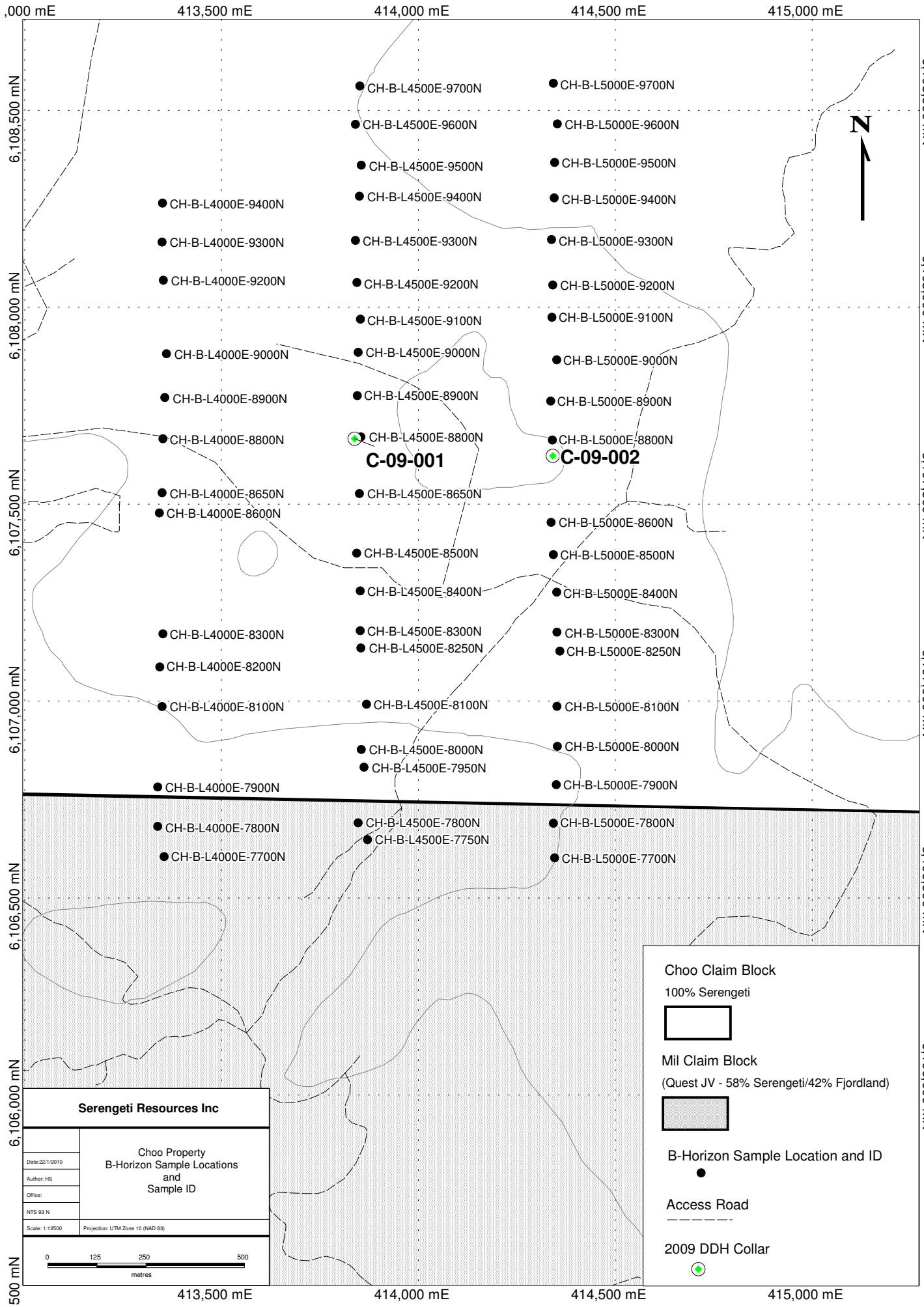
Appendix C – Field Notes

B-Horizon Soil Sampling												
Line	Station	Field Sample ID	Easting	Northing	Lab No	Colour	Depth (cm)	Moisture	Slope	Texture	Date	Sampler
5000E	7700	CH-B-L5000E-7700N	414346	6106602	S0900834	reddish-brown	25	wet	none	gravel and pebbles, some clay	26-Jun-09	EM
5000E	7800	CH-B-L5000E-7800N	414343	6106690	S0900835	reddish-brown	25-30	moist	slight NW	sandy clay with pebbles	26-Jun-09	EM
5000E	7900	CH-B-L5000E-7900N	414350	6106788	S0900836	reddish-brown	25	dry	none	sandy silt with pebbles and stones	26-Jun-09	EM
5000E	8000	CH-B-L5000E-8000N	414353	6106885	S0900837	reddish-brown	15	moist	slight NE	gravely clay with rocks	26-Jun-09	EM
5000E	8100	CH-B-L5000E-8100N	414352	6106987	S0900838	reddish-brown	5-10	damp	none	sandy silt with stones	26-Jun-09	EM
5000E	8250	CH-B-L5000E-8250N	414359	6107127	S0900839	reddish-brown	15	moist	none	sandy silt with round stones and boulders	26-Jun-09	EM
5000E	8300	CH-B-L5000E-8300N	414352	6107175	S0900840	brownish-yellow	20	damp	steep S	sandy silt with pebbles and boulders	26-Jun-09	EM
5000E	8400	CH-B-L5000E-8400N	414351	6107277	S0900841	reddish-brown	25	damp	slight SE	fine silt	26-Jun-09	EM
5000E	8500	CH-B-L5000E-8500N	414343	6107372	S0900842	orangey-brown	10-15	dry	slight SW	silt with pebbles	26-Jun-09	TL
5000E	8600	CH-B-L5000E-8600N	414337	6107454	S0900843	orange to reddish-brown	10-25	damp	moderate SE	sitl with rocks and pebbles	26-Jun-09	TL
5000E	8800	CH-B-L5000E-8800N	414340	6107663	S0900844	orangey brown	15-25	moist	slight W	sitl with rocks and pebbles	26-Jun-09	TL
5000E	8900	CH-B-L5000E-8900N	414336	6107762	S0900845	dark brown	20-30	damp	slight W	silt with sand and rocks	26-Jun-09	TL
5000E	9000	CH-B-L5000E-9000N	414351	6107867	S0900846	dark to medium brown	35-45cm	very wet	slight NW	silt with rocks and pebbles	26-Jun-09	TL
5000E	9100	CH-B-L5000E-9100N	414339	6107975	S0900847	reddish-brown	15	damp	moderate NE	silt	26-Jun-09	EM
5000E	9200	CH-B-L5000E-9200N	414341	6108057	S0900848	dark orangey brown	15-30	damp	slight N	sand with rocks and pebbles	26-Jun-09	TL
5000E	9300	CH-B-L5000E-9300N	414338	6108172	S0900849	dark red	15-20	dry	steep N	sandy silt with pebbles	26-Jun-09	EM
5000E	9400	CH-B-L5000E-9400N	414345	6108278	S0900850	orangey brown	15-25	damp	moderate N	sand with rocks and pebbles	26-Jun-09	TL
5000E	9500	CH-B-L5000E-9500N	414346	6108368	S0900851	light brown mottled light reddish-brown	15	damp	moderate W	fine sand with pebbles	26-Jun-09	Em
5000E	9600	CH-B-L5000E-9600N	414353	6108466	S0900852	reddish-brown	5-15	damp	moderate S	silt with sand and pebbles	26-Jun-09	TL
5000E	9700	CH-B-L5000E-9700N	414343	6108569	S0900853	orangey-brown	15	wet	none	silt	26-Jun-09	EM
4500E	7750	CH-B-L4500E-7750N	413871	6106648	S0900854	orangey brown	15-25	damp	slight N	silt with sand and rocks	27-Jun-09	TL
4500E	7800	CH-B-L4500E-7800N	413847	6106691	S0900855	orangey brown	10-20	damp	slight S	silt with sand and pebbles	27-Jun-09	TL
4500E	7950	CH-B-L4500E-7950N	413862	6106832	S0900856	orangey brown	15-25	damp	none	gravel	27-Jun-09	TL
4500E	8000	CH-B-L4500E-8000N	413855	6106877	S0900857	light reddish-brown	30	damp	moderate S	sand with rounds stones and boulders	27-Jun-09	EM
4500E	8100	CH-B-L4500E-8100N	413868	6106992	S0900858	dark orange brown	15-30	damp	steep N	gravel wth pebbles	27-Jun-09	TL
4500E	8250	CH-B-L4500E-8250N	413854	6107135	S0900859	dark reddish-brown	35-40	moist	none	sandy clay with jagged boulders	27-Jun-09	EM
4500E	8300	CH-B-L4500E-8300N	413852	6107179	S0900860	orange brown	15-20	damp	slight SW	sand with pebbles	27-Jun-09	TL
4500E	8400	CH-B-L4500E-8400N	413852	6107280	S0900861	dark reddish-brown	10-15	moist	slight W	clay with gravel and rocks	27-Jun-09	EM
4500E	8500	CH-B-L4500E-8500N	413843	6107376	S0900862	orange brown	10-15	damp	slight W	silt with rocks and pebbles	27-Jun-09	TL
4500E	8650	CH-B-L4500E-8650N	413850	6107527	S0900863	dark reddish-brown	25	moist	none	silt	26-Jun-09	EM
4500E	8800	CH-B-L4500E-8800N	413854	6107671	S0900864	orangey-brown	10-15	damp	none	silt with pebbles	26-Jun-09	TL
4500E	8900	CH-B-L4500E-8900N	413845	6107776	S0900865	orangey-brown	20	damp	moderate W	sandy clay with pebbles	26-Jun-09	EM
4500E	9000	CH-B-L4500E-9000N	413847	6107886	S0900866	orangey-brown mottled grey	15-25	damp	slight N	silt	26-Jun-09	TL
4500E	9100	CH-B-L4500E-9100N	413853	6107970	S0900867	orangey-brown	10-25	damp	none	silt	26-Jun-09	EM
4500E	9200	CH-B-L4500E-9200N	413844	6108063	S0900868	dark orangey brown	15-20	very wet	slight SW	silt with pebbles	26-Jun-09	TL
4500E	9300	CH-B-L4500E-9300N	413840	6108170	S0900869	dark reddish-brown	25-30	moist	moderate N	silt	26-Jun-09	EM
4500E	9400	CH-B-L4500E-9400N	413850	6108282	S0900870	dark orange brown	15-25	damp	slight N	gravel wth rocks	26-Jun-09	TL
4500E	9500	CH-B-L4500E-9500N	413855	6108361	S0900871	dark orange brown	15-25	damp	none	sand with rocks and pebbles	26-Jun-09	TL
4500E	9600	CH-B-L4500E-9600N	413840	6108465	S0900872	light brown	30	moist	none	sand and gravel	26-Jun-09	EM
4500E	9700	CH-B-L4500E-9700N	413851	6108562	S0900873	reddish-brown	10	dry	none	sandy silt	26-Jun-09	EM
4000E	7700	CH-B-L4000E-7700N	413354	6106605	S0900874	orangey-brown	15-30	moist	none	silt with pebbles	27-Jun-09	TL
4000E	7800	CH-B-L4000E-7800N	413338	6106682	S0900875	light orangey-brown	20-30	damp	slight N	silt	27-Jun-09	EM
4000E	7900	CH-B-L4000E-7900N	413338	6106782	S0900876	brown	10-25	moist	slight N	silt with pebbles	27-Jun-09	TL
4000E	8100	CH-B-L4000E-8100N	413349	6106986	S0900877	light orangey-brown	30-35	moist	very steep NE	gravel and pebbles, some clay	27-Jun-09	EM
4000E	8200	CH-B-L4000E-8200N	413343	6107087	S0900878	light reddish-brown	10	15-20	none	sandy silt with rocks and pebbles	27-Jun-09	EM
4000E	8300	CH-B-L4000E-8300N	413351	6107171	S0900879	reddish-brown	10-20	damp	moderate SE	silt with sand and jagged rocks	27-Jun-09	TL
4000E	8600	CH-B-L4000E-8600N	413342	6107478	S0900880	orangey-grey	15	wet	none	sand	27-Jun-09	EM
4000E	8650	CH-B-L4000E-8650N	413349	6107529	S0900881						27-Jun-09	TL
4000E	8800	CH-B-L4000E-8800N	413351	6107666	S0900882	light orangey-brown	15	damp	slight E	silty clay with rocks and boulders	27-Jun-09	EM
4000E	8900	CH-B-L4000E-8900N	413356	6107771	S0900883	dark orangey brown	10-25	damp	slight N	silt with sand	27-Jun-09	TL
4000E	9000	CH-B-L4000E-9000N	413360	6107882	S0900884	orangey-brown	30	damp	none	fine sand with round rocks	27-Jun-09	EM
4000E	9200	CH-B-L4000E-9200N	413352	6108069	S0900885	brownish-orange	30	damp	none	silt with round stones and boulders	27-Jun-09	EM
4000E	9300	CH-B-L4000E-9300N	413349	6108166	S0900886	reddish-brown	10-20	damp	slight N	silt with pebbles	27-Jun-09	EM
4000E	9400	CH-B-L4000E-9400N	413350	6108265	S0900887	dark orangey brown	15-25	damp	none	sand with pebbles	27-Jun-09	TL

MMI Sampling Notes									
Field Sample ID	Easting	Northing	Lab ID	Colour	Depth Below Organic Layer (cm)	Moisture	Slope	Date	Sampler
CH-M-L5000E-7700N	414346	6106602	CH-M-L5000E-7700N	reddish-brown	10-15	wet	none	Jun-26-2009	EM
CH-M-L5000E-7800N	414343	6106690	CH-M-L5000E-7800N	reddish-brown	10-15	moist	slight NW	Jun-26-2009	EM
CH-M-L5000E-7900N	414350	6106788	CH-M-L5000E-7900N	reddish-brown	15	dry	none	Jun-26-2009	EM
CH-M-L5000E-8000N	414353	6106885	CH-M-L5000E-8000N	reddish-brown	10	moist	slight NE	Jun-26-2009	EM
CH-M-L5000E-8100N	414352	6106987	CH-M-L5000E-8100N	reddish-brown	10	damp	none	Jun-26-2009	EM
CH-M-L5000E-8250N	414359	6107127	CH-M-L5000E-8250N	reddish-brown	10	moist	none	Jun-26-2009	EM
CH-M-L5000E-8300N	414352	6107175	CH-M-L5000E-8300N	brownish-yellow	10	damp	steep S	Jun-26-2009	EM
CH-M-L5000E-8400N	414351	6107277	CH-M-L5000E-8400N	reddish-brown	15-20	damp	slight SE	Jun-26-2009	EM
CH-M-L5000E-8500N	414343	6107372	CH-M-L5000E-8500N	orangey-brown	10-20	dry	slight SW	Jun-26-2009	TL
CH-M-L5000E-8600N	414337	6107454	CH-M-L5000E-8600N	orange to reddish-brown	10-20	damp	moderate SE	Jun-26-2009	TL
CH-M-L5000E-8700N	414337	6107573	CH-M-L5000E-8700N	dark brown	10-20	very wet	none	Jun-26-2009	TL
CH-M-L5000E-8800N	414340	6107663	CH-M-L5000E-8800N	orangey brown	10-20	moist	slight W	Jun-26-2009	TL
CH-M-L5000E-8900N	414336	6107762	CH-M-L5000E-8900N	dark brown	15-20	damp	slight W	Jun-26-2009	TL
CH-M-L5000E-9000N	414351	6107867	CH-M-L5000E-9000N	dark to medium brown	10-15	very wet	slight NW	Jun-26-2009	TL
CH-M-L5000E-9100N	414339	6107975	CH-M-L5000E-9100N	reddish-brown	10-15	damp	moderate NE	Jun-26-2009	EM
CH-M-L5000E-9200N	414341	6108057	CH-M-L5000E-9200N	dark orangey brown	10-20	damp	slight N	Jun-26-2009	TL
CH-M-L5000E-9300N	414338	6108172	CH-M-L5000E-9300N	dark red	15-20	dry	steep N	Jun-26-2009	EM
CH-M-L5000E-9400N	414345	6108278	CH-M-L5000E-9400N	orangey brown	10-15	damp	moderate N	Jun-26-2009	TL
CH-M-L5000E-9500N	414346	6108368	CH-M-L5000E-9500N	light brown mottled light reddish-brown	15-20	damp	moderate W	Jun-26-2009	Em
CH-M-L5000E-9600N	414353	6108466	CH-M-L5000E-9600N	orangey brown	10-15	damp	moderate S	Jun-26-2009	TL
CH-M-L5000E-9700N	414343	6108569	CH-M-L5000E-9700N	orangey-brown mottled light grey	15	wet	none	Jun-26-2009	EM
CH-M-L4500E-7750N	413871	6106648	CH-M-L4500E-7750N	orangey brown	10-20	damp	slight N	Jun-26-2009	TL
CH-M-L4500E-7800N	413847	6106691	CH-M-L4500E-7800N	orangey brown	10-15	damp	slight S	Jun-26-2009	TL
CH-M-L4500E-7950N	413862	6106832	CH-M-L4500E-7950N	orangey brown	15-20	damp	none	Jun-26-2009	TL
CH-M-L4500E-8000N	413855	6106877	CH-M-L4500E-8000N	light reddish-brown	10-15	damp	moderate S	Jun-26-2009	EM
CH-M-L4500E-8100N	413868	6106992	CH-M-L4500E-8100N	dark orange brown	10-20	damp	steep N	Jun-26-2009	TL
CH-M-L4500E-8250N	413854	6107135	CH-M-L4500E-8250N	dark reddish-brown	10	moist	none	Jun-26-2009	EM
CH-M-L4500E-8300N	413852	6107179	CH-M-L4500E-8300N	orange brown	10-15	damp	slight SW	Jun-26-2009	TL
CH-M-L4500E-8400N	413852	6107280	CH-M-L4500E-8400N	dark reddish-brown	10-12	moist	slight W	Jun-26-2009	EM
CH-M-L4500E-8500N	413843	6107376	CH-M-L4500E-8500N	orange brown	10-15	damp	slight W	Jun-26-2009	TL
CH-M-L4500E-8650N	413850	6107527	CH-M-L4500E-8650N	dark reddish-brown	10	moist	none	Jun-26-2009	EM
CH-M-L4500E-8800N	413854	6107671	CH-M-L4500E-8800N	orangey-brown	10-15	damp	none	Jun-26-2009	TL
CH-M-L4500E-8900N	413845	6107776	CH-M-L4500E-8900N	orangey-brown	10-15	damp	moderate W	Jun-26-2009	EM
CH-M-L4500E-9000N	413847	6107886	CH-M-L4500E-9000N	orangey-brown mottled grey	15-20	damp	slight N	Jun-26-2009	TL
CH-M-L4500E-9100N	413853	6107970	CH-M-L4500E-9100N	orangey-brown	15	damp	none	Jun-26-2009	EM
CH-M-L4500E-9300N	413840	6108170	CH-M-L4500E-9300N	dark reddish-brown	15-20	moist	moderate N	Jun-26-2009	EM
CH-M-L4500E-9400N	413850	6108282	CH-M-L4500E-9400N	dark orange brown	15-20	damp	slight N	Jun-27-2009	TL
CH-M-L4500E-9500N	413855	6108361	CH-M-L4500E-9500N	dark orange brown	10-20	damp	none	Jun-27-2009	TL
CH-M-L4500E-9600N	413840	6108465	CH-M-L4500E-9600N	light brown	10-15	moist	none	Jun-27-2009	EM
CH-M-L4500E-9700N	413851	6108562	CH-M-L4500E-9700N	reddish-brown	15	dry	none	Jun-27-2009	EM
CH-M-L4000E-7700N	413354	6106605	CH-M-L4000E-7700N	orangey-brown	10-20	moist	none	Jun-27-2009	TL
CH-M-L4000E-7800N	413338	6106682	CH-M-L4000E-7800N	light orangey-brown	15	damp	slight N	Jun-27-2009	EM
CH-M-L4000E-7900N	413338	6106782	CH-M-L4000E-7900N	brown	10-20	moist	slight N	Jun-27-2009	TL
CH-M-L4000E-8100N	413349	6106986	CH-M-L4000E-8100N	light orangey-brown	15	moist	very steep NE	Jun-27-2009	EM
CH-M-L4000E-8200N	413343	6107087	CH-M-L4000E-8200N	light reddish-brown	10	damp	none	Jun-27-2009	EM

Field Sample ID	Easting	Northing	Lab ID	Colour	Depth Below Organic Layer (cm)	Moisture	Slope	Date	Sampler
CH-M-L4000E-8300N	413351	6107171	CH-M-L4000E-8300N	reddish-brown	10-20	damp	moderate SE	Jun-27-2009	TL
CH-M-L4000E-8600N	413342	6107478	CH-M-L4000E-8600N	orangey-grey	10-15	very wet	none	Jun-27-2009	EM
CH-M-L4000E-8650N	413349	6107529	CH-M-L4000E-8650N					Jun-27-2009	TL
CH-M-L4000E-8800N	413351	6107666	CH-M-L4000E-8800N	light orangey-brown	10	damp	slight E	Jun-27-2009	EM
CH-M-L4000E-8900N	413356	6107771	CH-M-L4000E-8900N	dark orangey brown	10-20	damp	slight N	Jun-27-2009	TL
CH-M-L4000E-9000N	413360	6107882	CH-M-L4000E-9000N	orangey-brown	15	damp	none	Jun-27-2009	EM
CH-M-L4000E-9200N	413352	6108069	CH-M-L4000E-9200N	brownish-orange	15-20	damp	none	Jun-27-2009	EM
CH-M-L4000E-9300N	413349	6108166	CH-M-L4000E-9300N	reddish-brown	10-12	damp	slight N	Jun-27-2009	EM
CH-M-L4000E-9400N	413350	6108270	CH-M-L4000E-9400N	dark orangey brown	10-15	damp	none	Jun-27-2009	TL

Appendix D – Maps of Sample Locations and Results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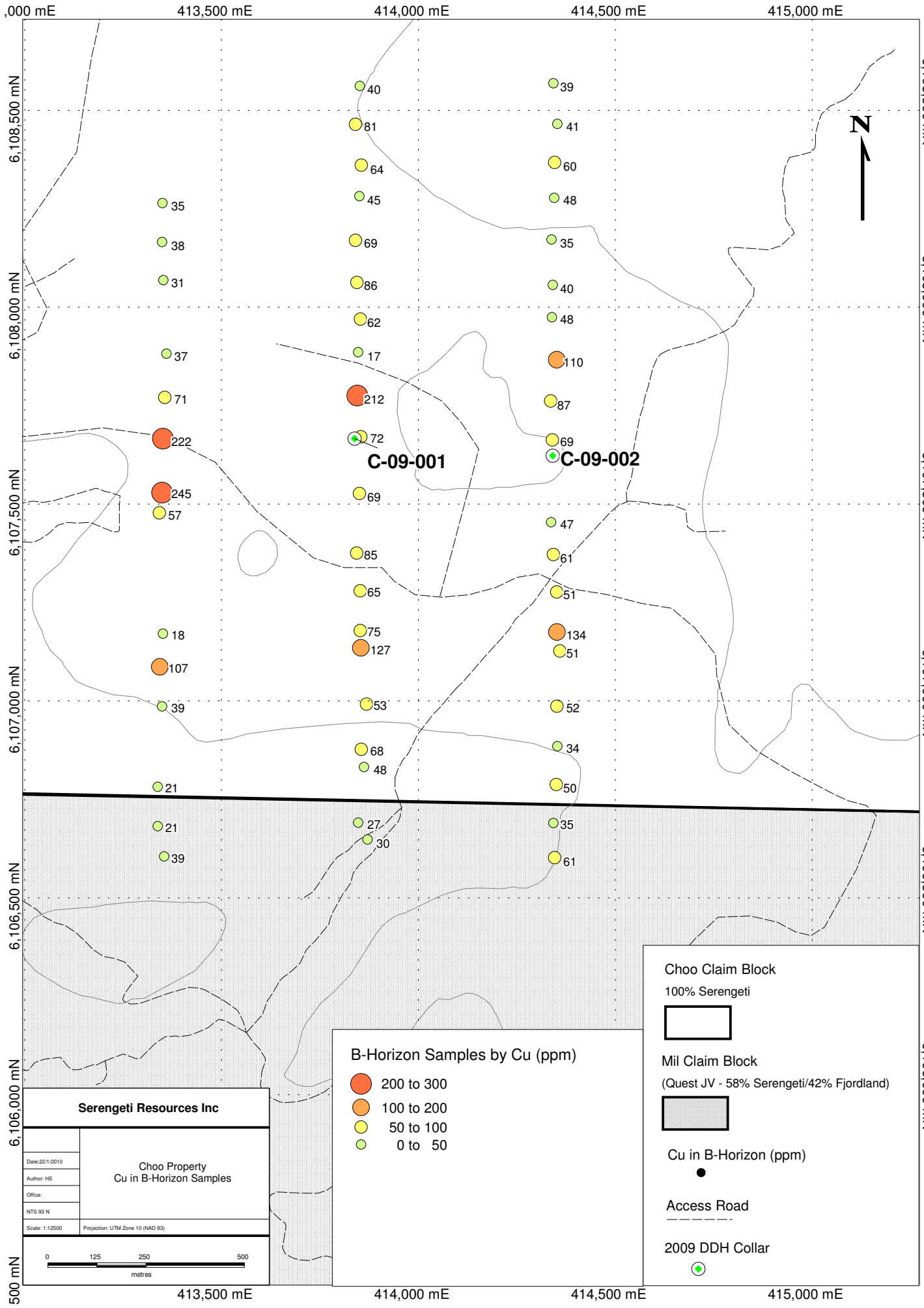
Choo Claim Block
100% Serengeti
Mil Claim Block
(Quest JV - 58% Serengeti/42% Fjordland)
B-Horizon Sample Location and ID
Access Road
2009 DDH Collar
Serengeti Resources Inc
Choo Property
B-Horizon Sample Locations
and
Sample ID
Date:22/1/2010
Author: HS
Office:
NTS 93 N
Scale: 1:12500
Projection: UTM Zone 10 (NAD 83)
0
125
250
500
metres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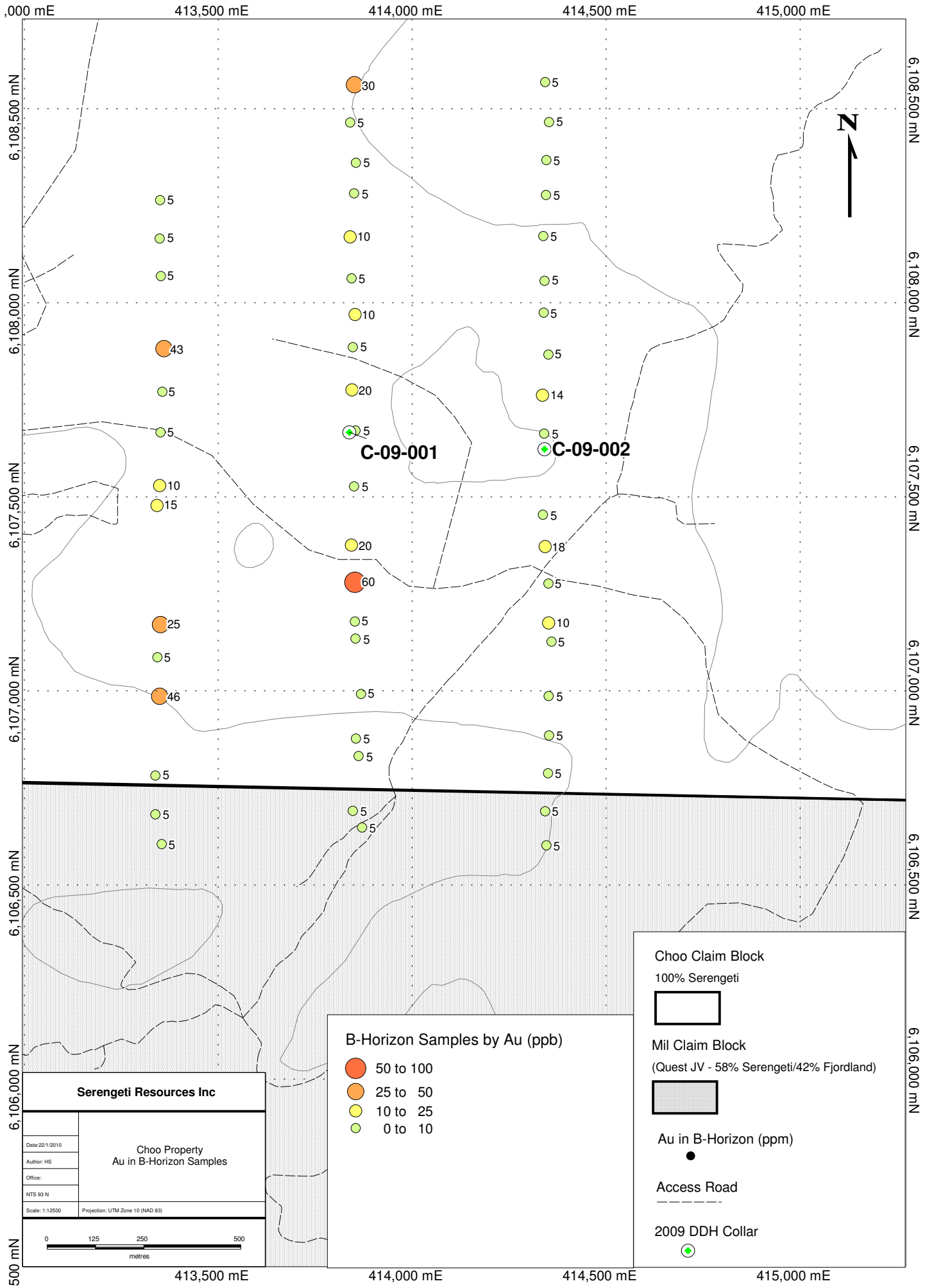
413,500 mE
414,000 mE
414,500 mE
415,000 mE
6,108,500 mN
6,108,000 mN
6,107,500 mN
6,107,000 mN
6,106,500 mN
6,106,000 mN
500 mN
N
C-09-001
C-09-002
40
81
64
45
69
86
62
17
212
72
69
85
65
75
127
53
68
48
27
30
39
41
60
48
35
40
48
110
87
69
47
61
51
134
51
52
34
50
35
61
35
38
31
37
71
222
245
57
18
107
39
21
21
39
Choo Claim Block
100% Serengeti
Mil Claim Block
(Quest JV - 58% Serengeti/42% Fjordland)
Cu in B-Horizon (ppm)
Access Road
2009 DDH Collar
B-Horizon Samples by Cu (ppm)
200 to 300
100 to 200
50 to 100
0 to 50
Serengeti Resources Inc
Date:22/1/2010
Author: HS
Office:
NTS 93 N
Scale: 1:12500
Projection: UTM Zone 10 (NAD 83)
Choo Property
Cu in B-Horizon Samples
0
125
250
500
metres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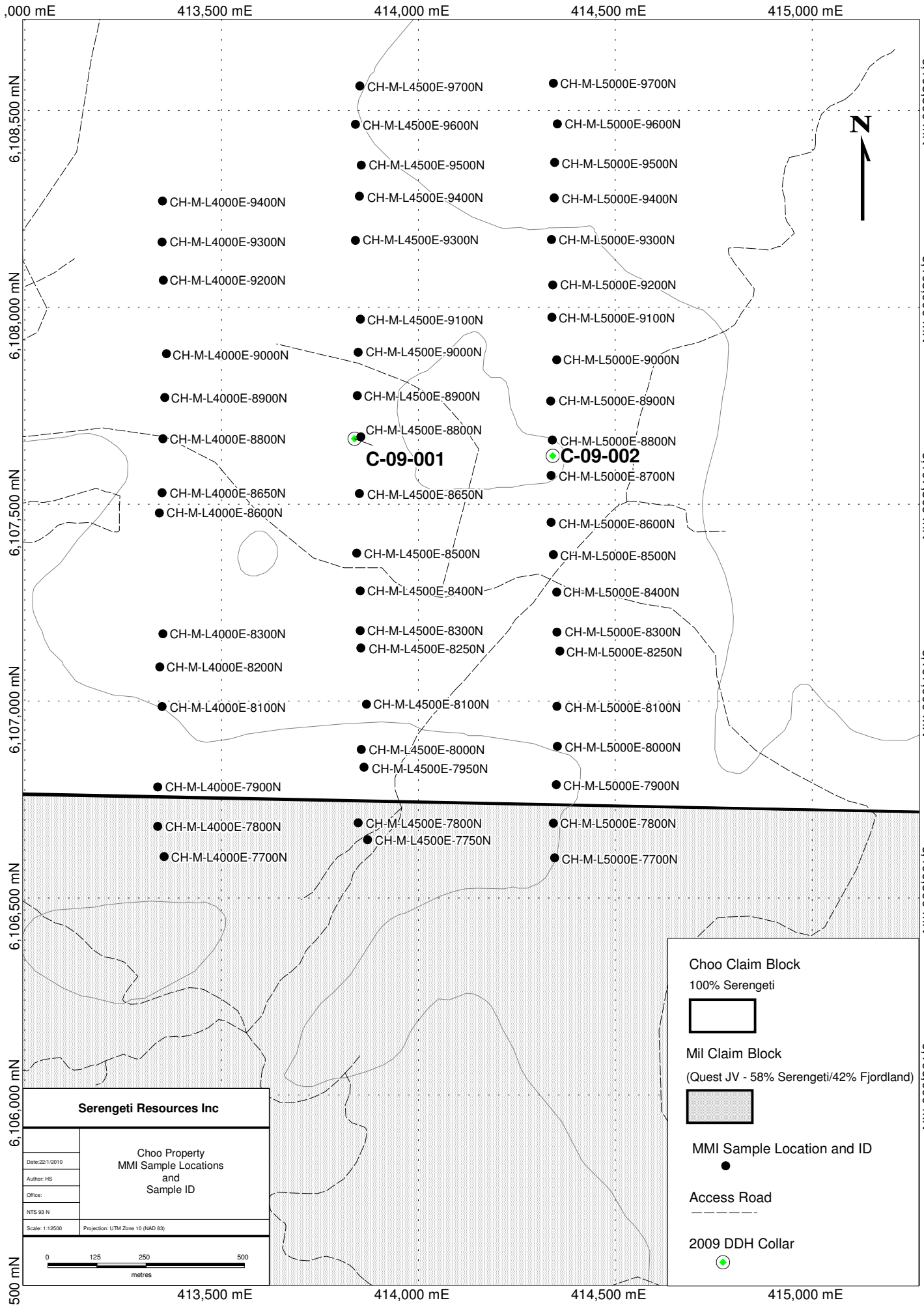
413,500 mE
414,000 mE
414,500 mE
415,000 mE
6,108,500 mN
6,108,000 mN
6,107,500 mN
6,107,000 mN
6,106,500 mN
6,106,000 mN
500 mN
N
C-09-001
C-09-002
B-Horizon Samples by Au (ppb)
50 to 100
25 to 50
10 to 25
0 to 10
Choo Claim Block
100% Serengeti
Mil Claim Block
(Quest JV - 58% Serengeti/42% Fjordland)
Au in B-Horizon (ppm)
Access Road
2009 DDH Collar
Serengeti Resources Inc
Choo Property
Au in B-Horizon Samples
Date:22/1/2010
Author: HS
Office:
NTS 93 N
Scale: 1:12500
Projection: UTM Zone 10 (NAD 83)
0
125
250
500
metres


,000 mE
413,500 mE
414,000 mE
414,500 mE
415,000 mE
6,108,500 mN
6,108,000 mN
6,107,500 mN
6,107,000 mN
6,106,500 mN
6,106,000 mN
500 mN
N
CH-M-L4500E-9700N
CH-M-L5000E-9700N
CH-M-L4500E-9600N
CH-M-L5000E-9600N
CH-M-L4500E-9500N
CH-M-L5000E-9500N
CH-M-L4000E-9400N
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CH-M-L4000E-8800N
C-09-001
C-09-002
CH-M-L5000E-8800N
CH-M-L5000E-8700N
CH-M-L4000E-8650N
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CH-M-L4000E-8600N
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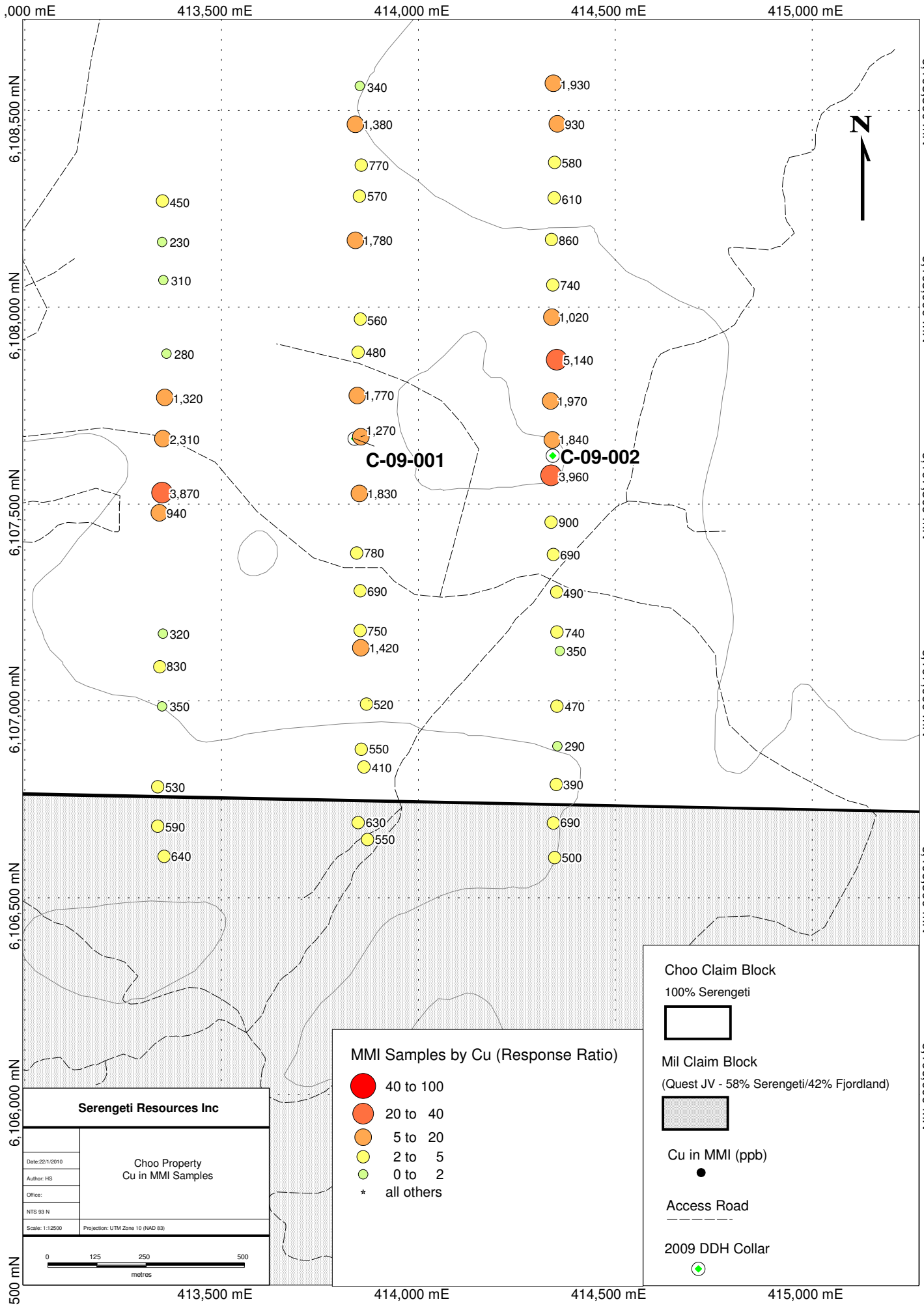
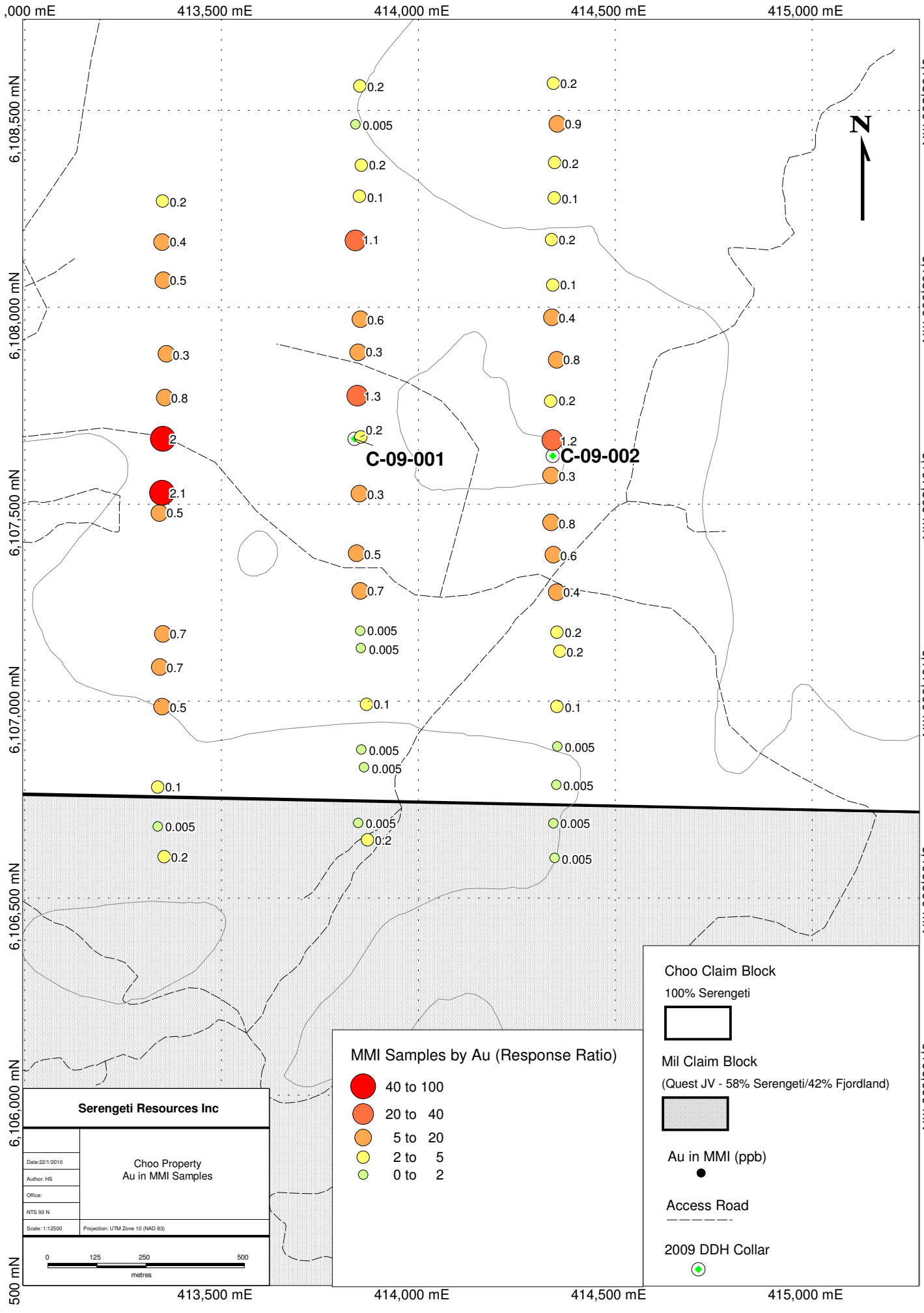
CH-M-L4000E-7700N
CH-M-L5000E-7700N
Choo Claim Block
100% Serengeti
Mil Claim Block
(Quest JV - 58% Serengeti/42% Fjordland)
MMI Sample Location and ID
Access Road
2009 DDH Collar
Serengeti Resources Inc
Choo Property
MMI Sample Locations
and
Sample ID
Date:22/1/2010
Author: HS
Office:
NTS 93 N
Scale: 1:12500
Projection: UTM Zone 10 (NAD 83)
0
125
250
500
metres


,000 mE
413,500 mE
414,000 mE
414,500 mE
415,000 mE
6,108,500 mN
6,108,000 mN
6,107,500 mN
6,107,000 mN
6,106,500 mN
6,106,000 mN
500 mN
N
340
1,380
770
570
1,780
560
480
1,770
1,270
1,830
780
690
750
1,420
520
550
410
450
230
310
280
1,320
2,310
3,870
940
320
830
350
530
590
640
630
550
1,930
930
580
610
860
740
1,020
5,140
1,970
1,840
3,960
900
690
490
740
350
470
290
390
690
500
C-09-001
C-09-002
Serengeti Resources Inc
Choo Property
Cu in MMI Samples
Date:22/1/2010
Author: HS
Office:
NTS 93 N
Scale: 1:12500
Projection: UTM Zone 10 (NAD 83)
0
125
250
500
metres
MMI Samples by Cu (Response Ratio)
40 to 100
20 to 40
5 to 20
2 to 5
0 to 2
* all others
Choo Claim Block
100% Serengeti
Mil Claim Block
(Quest JV - 58% Serengeti/42% Fjordland)
Cu in MMI (ppb)
Access Road
2009 DDH Collar


,000 mE
413,500 mE
414,000 mE
414,500 mE
415,000 mE
6,108,500 mN
6,108,000 mN
6,107,500 mN
6,107,000 mN
6,106,500 mN
6,106,000 mN
500 mN
N
C-09-001
C-09-002
0.2
0.005
0.2
0.1
1.1
0.6
0.3
1.3
0.2
2
2.1
0.5
0.7
0.9
0.4
0.8
1.2
0.005
0.005
0.2
0.2
0.1
0.005
0.005
0.005
0.005
0.005
0.2
0.005
0.2
0.4
0.5
0.3
0.8
0.7
0.7
0.5
0.1
MMI Samples by Au (Response Ratio)
40 to 100
20 to 40
5 to 20
2 to 5
0 to 2
Choo Claim Block
100% Serengeti
Mil Claim Block
(Quest JV - 58% Serengeti/42% Fjordland)
Au in MMI (ppb)
Access Road
2009 DDH Collar
Serengeti Resources Inc
Choo Property
Au in MMI Samples
Date:22/1/2010
Author: HS
Office:
NTS 93 N
Scale: 1:12500
Projection: UTM Zone 10 (NAD 83)
0
125
250
500
metres

Appendix E – 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.

teckcominco
Global Discovery Labs

Gold (Solvent Extraction-AA)

Analytical Preparation/Method (Rock/Soil)

A 5 gram sample (rock) or a 10 gram sample (soil) is roasted at 625^{o} C for 1 hour. The sample is then digested in Aqua Regia followed by solvent extraction of the gold in 2, 6-Dimethyl-4-heptanone (DIBK). Samples are analyzed by Atomic Absorption.

Quality Control And Statistics

Every 25 samples prepared include 3 sample repeats and 2 in-house and/or commercial standard.

Detection Limit

Detection Limit is <10 ppb.

Teck Cominco Ltd.
Global Discovery Labs.▪1486 East Pender Street▪Vancouver, B.C.▪Canada V5L 1V8▪Phone: (604) 685-3032▪Fax: (604) 844-2686

ICP DIGESTION (Reverse Aqua Regia)

Analytical Preparation/Method

1. Weigh 0.5 g of pulped soil sample into test tube.
2. Add: 3 ml Nitric acid
   1 ml Hydrochloric acid
3. Digest on a sand bath @ 95^{o} for 3 hours, shaking ever 20 – 30 minutes.
4. Dilute to 20 ml.
5. Mix sample with vortex.
6. Dilute as required to analyze on ICP.

Quality Control

Every 40 samples prepared includes 3 sample repeats, 1 in-house standard and/or commercial standard.

SERENGETI RESOURCES-X09

GLOBAL DISCOVERY LABS

Ref/I.D.: MLB-4500N - CHB-L4000E
Report date: 24 JULY 2009
GDL Job No: V09-0162S

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm	S %	Se ppm
S0900761	ML-B-L4500N-0E	41	10	63	<0.4	5	71	<1	9	25	2.82	<2	34	<5	<5	85	<2	3	20	3	4	235	0.47	0.06	1.69	0.28	0.04	0.03	1841	<.05	<5
S0900762	ML-B-L4500N-100E	20	4	37	<0.4	3	67	<1	4	12	3.02	<2	24	<5	<5	85	<2	2	16	2	4	149	0.23	0.06	1.68	0.22	0.04	0.03	1494	<.05	<5
S0900763	ML-B-L4500N-200E	34	<4	60	<0.4	6	78	<1	9	22	2.68	<2	30	<5	<5	78	<2	2	23	4	6	309	0.44	0.08	1.69	0.30	0.04	0.03	1365	<.05	<5
S0900764	ML-B-L4500N-300E	28	5	69	<0.4	4	82	<1	8	19	3.01	<2	33	<5	<5	83	<2	2	19	2	4	354	0.39	0.07	1.82	0.26	0.04	0.03	2507	<.05	<5
S0900765	ML-B-L4500N-400E	39	<4	50	<0.4	5	73	<1	8	21	3.11	<2	28	<5	<5	85	<2	2	18	2	4	206	0.44	0.06	1.70	0.26	0.04	0.03	1688	<.05	<5
S0900766	ML-B-L4500N-500E	39	<4	59	<0.4	4	74	<1	9	24	3.45	<2	31	<5	<5	89	2	3	16	2	4	284	0.47	0.08	2.08	0.22	0.04	0.04	2197	<.05	<5
S0900766 rpt		36	<4	52	<0.4	4	72	<1	8	23	3.35	<2	29	<5	<5	83	<2	<2	13	2	3	276	0.43	0.06	2.48	0.15	0.04	0.03	2285	<.05	<5
S0900767	ML-B-L4500N-600E	15	4	30	<0.4	2	79	<1	8	11	2.18	<2	19	<5	<5	72	<2	2	24	2	4	958	0.33	0.08	1.09	0.35	0.04	0.03	405	<.05	<5
S0900768	ML-B-L4500N-700E	29	4	87	<0.4	3	88	<1	9	20	3.43	<2	32	<5	<5	97	<2	2	16	2	4	339	0.35	0.06	1.98	0.24	0.04	0.03	2858	<.05	<5
S0900769	ML-B-L4500N-800E	13	5	47	<0.4	2	73	<1	3	10	1.98	<2	14	<5	<5	53	<2	<2	26	<2	3	212	0.16	0.04	1.53	0.21	0.04	0.03	1234	<.05	<5
S0900770	ML-B-L4500N-900E	36	<4	78	<0.4	6	92	<1	9	21	4.22	<2	34	<5	<5	100	2	2	17	3	4	308	0.47	0.05	1.79	0.25	0.04	0.04	2858	<.05	<5
S0900771	ML-B-L4500N-1000E	32	4	78	<0.4	4	98	<1	11	19	3.56	<2	36	<5	<5	96	<2	<2	22	2	4	547	0.35	0.06	2.17	0.31	0.07	0.04	3414	<.05	<5
S0900772	ML-B-L4500N-1100E	39	4	52	<0.4	5	98	<1	7	23	4.00	<2	38	<5	<5	116	2	4	27	3	5	231	0.54	0.09	1.92	0.34	0.04	0.04	785	<.05	<5
S0900773	ML-B-L4500N-1200E	27	4	74	0.5	4	83	<1	8	18	3.58	<2	33	<5	<5	95	<2	4	20	2	4	499	0.36	0.06	1.81	0.30	0.04	0.04	2744	<.05	<5
S0900774	ML-B-L4500N-1275E	28	5	74	<0.4	5	99	<1	10	17	3.08	<2	30	<5	<5	90	<2	2	26	3	4	656	0.37	0.07	1.63	0.38	0.04	0.05	1123	<.05	<5
S0900775	ML-B-L4500N-1450E	47	<4	23	<0.4	<2	112	<1	6	15	2.44	<2	25	<5	<5	92	<2	2	28	2	3	146	0.47	0.10	2.45	0.38	0.04	0.05	1050	<.05	<5
S0900776	ML-B-L4500N-1500E	62	6	148	0.6	5	98	<1	12	23	4.19	<2	40	<5	<5	107	<2	2	15	3	6	795	0.45	0.07	2.58	0.22	0.06	0.05	2714	<.05	<5
S0900777	ML-B-L4500N-1600E	52	5	80	<0.4	8	87	<1	10	26	3.87	<2	35	<5	<5	111	2	2	18	3	4	485	0.48	0.06	2.13	0.25	0.04	0.04	1858	<.05	<5
S0900778	ML-B-L4500N-1700E	47	6	100	<0.4	6	94	<1	10	26	3.92	<2	41	<5	<5	98	2	<2	17	3	6	545	0.56	0.06	2.49	0.20	0.04	0.04	2711	<.05	<5
S0900779	ML-B-L4500N-1800E	25	4	88	<0.4	3	71	<1	10	19	2.95	<2	24	<5	<5	72	<2	2	21	2	4	537	0.41	0.05	1.74	0.31	0.04	0.06	1516	<.05	<5
S0900780	ML-B-L4500N-1900E	38	<4	46	<0.4	5	62	<1	10	23	2.80	<2	26	<5	<5	73	<2	<2	16	2	3	267	0.46	0.04	1.80	0.23	0.04	0.05	1571	<.05	<5
S0900781	ML-B-L4500N-2000E	18	4	49	<0.4	3	97	<1	8	21	2.47	<2	25	<5	<5	65	<2	2	19	2	4	345	0.34	0.04	1.52	0.30	0.04	0.07	1900	<.05	<5
S0900782	ML-B-L4500N-2075E	34	6	72	<0.4	5	84	<1	12	22	3.64	<2	34	<5	<5	90	2	<2	25	3	4	489	0.52	0.08	1.89	0.39	0.04	0.06	1294	<.05	<5
S0900783	ML-B-L4500N-2200E	45	<4	29	<0.4	6	149	<1	10	24	2.89	<2	32	<5	<5	84	<2	<2	32	4	5	271	0.52	0.08	1.82	0.45	0.05	0.05	697	<.05	<5
S0900784	ML-B-L4500N-2300E	38	<4	25	<0.4	6	64	<1	8	23	2.36	<2	25	<5	<5	71	<2	<2	24	3	4	325	0.41	0.05	1.49	0.40	0.04	0.04	1193	<.05	<5
S0900785	ML-B-L4500N-2400E	21	<4	18	<0.4	2	82	<1	4	11	1.60	<2	24	<5	<5	52	<2	<2	39	4	5	164	0.28	0.06	1.32	0.75	0.05	0.05	638	<.05	<5
S0900786	ML-B-L4500N-2500E	51	<4	31	<0.4	5	150	<1	8	23	2.82	<2	41	<5	<5	90	<2	3	33	4	5	364	0.55	0.07	1.61	0.52	0.05	0.06	848	<.05	<5
S0900787	ML-B-L4500N-2600E	25	<4	24	0.5	3	80	<1	6	16	2.21	<2	27	<5	<5	68	<2	<2	21	3	5	164	0.35	0.04	1.62	0.29	0.04	0.03	961	<.05	<5
S0900788	ML-B-L4500N-2675E	29	<4	46	<0.4	7	64	<1	10	21	2.75	<2	30	<5	<5	78	<2	<2	16	2	4	268	0.39	0.03	1.91	0.23	0.04	0.03	1868	<.05	<5
S0900788 rpt		29	<4	44	<0.4	8	67	1	9	22	2.71	<2	30	<5	<5	77	<2	<2	14	2	3	269	0.39	0.03	1.88	0.19	0.03	0.03	1963	<.05	<5
S0900789	ML-B-L4500N-2800E	24	<4	24	<0.4	4	71	<1	4	16	1.74	<2	21	<5	<5	58	<2	<2	25	3	5	165	0.42	0.05	1.23	0.40	0.08	0.03	994	<.05	<5
S0900790	ML-B-L4500N-2900E	21	<4	21	<0.4	4	53	<1	4	15	2.61	<2	30	<5	<5	76	<2	<2	14	2	3	131	0.32	0.04	1.80	0.21	0.04	0.02	1036	<.05	<5
S0900791	ML-B-L4500N-2975E	30	<4	28	<0.4	5	103	<1	7	20	2.54	<2	27	<5	<5	69	<2	<2	23	3	4	258	0.54	0.05	1.48	0.34	0.04	0.03	771	<.05	<5
S0900792	ML-B-L4500N-3100E	29	<4	55	<0.4	7	75	<1	8	21	3.29	<2	30	<5	<5	82	<2	<2	12	3	4	275	0.35	0.03	2.21	0.18	0.04	0.03	3027	<.05	<5
S0900793	ML-B-L4500N-3200E	39	4	68	<0.4	6	87	<1	11	26	3.09	<2	34	<5	<5	68	2	<2	13	2	5	295	0.50	0.04	2.01	0.14	0.04	0.04	1871	<.05	<5
S0900794	ML-B-L5500N-25E	29	<4	25	<0.4	4	83	<1	5	21	1.98	<2	31	<5	<5	66	<2	<2	35	4	5	189	0.53	0.07	1.51	0.45	0.05	0.03	865	<.05	<5
S0900795	ML-B-L5500N-100E	32	<4	33	<0.4	4	123	<1	9	29	2.82	<2	41	<5	<5	77	<2	<2	27	3	4	200	0.50	0.10	2.21	0.31	0.04	0.03	680	<.05	<5

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GDL Job No: V09-0162S

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm	S %	Se ppm
S0900796	ML-B-L5500N-200E	28	<4	58	<0.4	5	101	<1	10	28	3.38	<2	42	<5	<5	85	<2	<2	21	2	4	390	0.48	0.06	2.28	0.26	0.04	0.03	2421	<.05	<5
S0900797	ML-B-L5500N-400E	37	4	92	<0.4	4	82	<1	10	26	3.85	<2	41	<5	<5	94	<2	<2	25	2	3	298	0.60	0.09	2.24	0.30	0.04	0.03	1400	<.05	<5
S0900798	ML-B-L5500N-525E	36	4	57	<0.4	7	101	<1	12	21	3.49	<2	36	<5	<5	97	<2	2	21	2	4	388	0.42	0.07	1.97	0.27	0.07	0.03	1299	<.05	<5
S0900799	ML-B-L5500N-625E	38	5	51	<0.4	7	75	<1	10	28	3.60	<2	38	<5	<5	94	<2	<2	25	2	3	306	0.60	0.05	2.03	0.31	0.04	0.03	2206	<.05	<5
S0900800	ML-B-L5500N-675E	39	4	40	<0.4	4	77	<1	9	26	2.92	<2	34	<5	<5	79	<2	3	20	3	4	234	0.52	0.06	1.87	0.24	0.04	0.03	1238	<.05	<5
S0900801	ML-B-L5500N-800E	58	<4	38	<0.4	8	99	<1	11	30	2.90	<2	42	<5	<5	83	2	2	25	4	5	267	0.54	0.10	2.20	0.26	0.04	0.03	1047	<.05	<5
S0900802	ML-B-L5500N-900E	46	<4	33	<0.4	6	73	<1	9	26	2.77	<2	35	<5	<5	82	<2	<2	22	4	4	247	0.54	0.08	1.76	0.31	0.04	0.04	1084	<.05	<5
S0900803	ML-B-L5500N-1000E	50	5	42	<0.4	10	73	<1	8	22	3.23	<2	34	<5	<5	88	<2	<2	20	2	4	217	0.46	0.05	1.70	0.24	0.03	0.03	1088	<.05	<5
S0900804	ML-B-L5500N-1100E	37	<4	91	<0.4	6	99	<1	9	29	3.27	<2	40	<5	<5	77	<2	<2	20	5	7	291	0.52	0.07	2.31	0.21	0.04	0.05	2425	<.05	<5
S0900805	ML-B-L5500N-1200E	49	<4	63	<0.4	6	106	<1	11	33	3.81	<2	45	<5	<5	101	2	<2	27	4	5	377	0.61	0.09	2.81	0.32	0.07	0.05	3398	<.05	<5
S0900806	ML-B-L5500N-1300E	32	4	85	<0.4	3	90	<1	10	21	3.16	<2	34	<5	<5	77	2	<2	18	2	5	339	0.41	0.07	2.40	0.25	0.04	0.04	2574	<.05	<5
S0900807	ML-B-L5500N-1400E	45	<4	46	<0.4	5	107	<1	9	27	3.36	<2	36	<5	<5	91	<2	<2	29	5	7	269	0.52	0.11	2.36	0.35	0.04	0.04	1057	<.05	<5
S0900808	ML-B-L5500N-1500E	37	<4	55	<0.4	5	112	<1	9	21	3.34	<2	38	<5	<5	103	<2	<2	21	2	3	488	0.42	0.09	2.67	0.37	0.04	0.03	1914	<.05	<5
S0900809	ML-B-L5500N-1600E	45	5	45	<0.4	4	88	<1	6	18	3.84	<2	35	<5	<5	105	2	<2	20	2	4	201	0.36	0.06	2.37	0.34	0.04	0.03	2825	<.05	<5
S0900809 rpt		43	<4	41	<0.4	4	83	<1	6	18	3.75	<2	31	<5	<5	101	2	2	17	2	3	185	0.34	0.05	2.41	0.28	0.04	0.03	2775	<.05	<5
S0900810	ML-B-L5500N-1700E	38	<4	25	<0.4	4	89	<1	7	24	2.06	<2	34	<5	<5	81	<2	<2	26	4	5	175	0.47	0.09	1.93	0.36	0.04	0.02	503	<.05	<5
S0900811	ML-B-L5500N-1800E	50	<4	56	<0.4	8	75	<1	11	26	4.14	<2	38	<5	<5	114	2	<2	27	3	4	263	0.54	0.10	2.46	0.42	0.04	0.05	2092	<.05	<5
S0900812	ML-B-L5500N-1900E	31	<4	45	<0.4	5	62	<1	7	20	3.77	<2	40	<5	<5	108	<2	2	25	3	4	193	0.38	0.09	2.06	0.38	0.04	0.05	1994	<.05	<5
S0900813	ML-B-L5500N-2000E	33	5	73	<0.4	5	80	<1	9	23	3.20	<2	34	<5	<5	84	<2	<2	22	2	5	309	0.39	0.09	2.24	0.30	0.03	0.05	1898	<.05	<5
S0900814	ML-B-L5500N-2100E	12	4	32	<0.4	2	78	<1	3	12	2.25	<2	30	<5	<5	72	<2	2	27	3	6	131	0.25	0.09	1.94	0.34	0.04	0.03	1220	<.05	<5
S0900814 rpt		11	5	26	<0.4	2	72	<1	3	9	2.14	<2	27	<5	<5	62	<2	<2	17	2	4	111	0.22	0.04	1.65	0.22	0.04	0.02	1159	<.05	<5
S0900815	ML-B-L5500N-2200E	31	<4	54	<0.4	5	94	<1	9	23	3.11	<2	37	<5	<5	85	<2	<2	30	3	5	239	0.45	0.10	2.08	0.35	0.04	0.05	1487	<.05	<5
S0900816	ML-B-L5500N-2300E	16	<4	49	<0.4	3	73	<1	5	14	2.64	<2	26	<5	<5	78	<2	<2	26	3	4	185	0.31	0.09	1.67	0.38	0.05	0.03	1127	<.05	<5
S0900817	ML-B-L5500N-2400E	51	<4	55	<0.4	7	78	<1	11	26	3.08	<2	35	<5	<5	87	<2	<2	23	2	4	453	0.46	0.08	2.00	0.32	0.04	0.04	1545	<.05	<5
S0900818	ML-B-L5500N-2500E	47	5	44	<0.4	5	76	<1	8	19	4.92	<2	42	<5	<5	124	<2	3	24	3	3	228	0.47	0.08	2.60	0.33	0.04	0.04	2965	<.05	<5
S0900819	ML-B-L5500N-2600E	39	<4	36	<0.4	7	63	<1	10	23	3.22	<2	35	<5	<5	95	<2	<2	22	2	5	330	0.45	0.08	1.89	0.30	0.04	0.03	1427	<.05	<5
S0900820	ML-B-L5500N-2700E	46	<4	38	<0.4	10	102	<1	11	27	3.34	<2	31	<5	<5	87	2	2	35	3	4	210	0.48	0.05	1.92	0.45	0.04	0.03	1749	<.05	<5
S0900821	ML-B-L5500N-2800E	61	4	39	<0.4	7	101	<1	10	29	3.00	<2	36	<5	<5	84	<2	<2	36	3	5	260	0.54	0.09	1.95	0.42	0.05	0.05	1245	<.05	<5
S0900822	ML-B-L5500N-2900E	30	<4	40	<0.4	6	74	<1	7	21	2.98	<2	38	<5	<5	83	<2	2	27	3	6	200	0.37	0.09	2.11	0.35	0.04	0.04	1536	<.05	<5
S0900823	ML-B-L5500N-2975E	25	<4	55	<0.4	5	63	<1	9	20	3.33	<2	27	<5	<5	98	2	<2	32	3	4	264	0.45	0.10	1.90	0.52	0.04	0.06	1409	<.05	<5
S0900824	ML-B-L5500N-3125E	26	5	113	<0.4	6	102	<1	9	20	3.54	<2	33	<5	<5	96	2	<2	23	2	5	595	0.41	0.07	2.11	0.32	0.04	0.06	1895	<.05	<5
S0900825	ML-B-L5500N-3200E	56	5	100	<0.4	7	98	<1	11	27	3.89	<2	37	<5	<5	111	2	<2	29	4	5	484	0.57	0.08	2.23	0.35	0.04	0.06	1984	<.05	<5
S0900826	ML-B-L5500N-3300E	99	5	35	<0.4	14	134	<1	15	35	3.93	<2	35	<5	<5	108	<2	2	43	3	4	250	0.59	0.09	2.01	0.43	0.04	0.05	655	<.05	<5
S0900826 rpt		92	4	31	<0.4	15	126	<1	13	33	3.73	<2	34	<5	<5	100	2	3	34	2	3	235	0.56	0.06	1.81	0.33	0.04	0.05	633	<.05	<5
S0900827	ML-B-L5500N-3400E	27	<4	41	<0.4	6	86	<1	9	19	3.06	<2	28	<5	<5	88	<2	3	26	3	5	313	0.35	0.07	1.79	0.39	0.04	0.03	1770	<.05	<5
S0900828	ML-B-L5500N-3500E	30	<4	59	<0.4	4	67	<1	8	17	3.17	<2	28	<5	<5	85	<2	3	19	2	4	376	0.37	0.06	1.90	0.30	0.04	0.04	2052	<.05	<5
S0900829	ML-B-L5500N-3600E	31	<4	31	<0.4	3	114	<1	6	18	2.36	<2	26	<5	<5	72	<2	<2	39	3	5	213	0.43	0.07	1.65	0.47	0.04	0.03	443	<.05	<5
S0900830	ML-B-L5500N-3700E	47	4	38	<0.4	6	85	<1	7	20	3.26	<2	28	<5	<5	88	<2	<2	24	2	4	284	0.47	0.05	1.78	0.32	0.04	0.04	1994	<.05	<5
S0900831	ML-B-L5500N-3800E	37	<4	53	<0.4	6	88	<1	9	17	3.96	<2	29	<5	<5	103	<2	<2	26	2	3	505	0.46	0.06	2.41	0.40	0.08	0.04	4591	<.05	<5
S0900832	ML-B-L5500N-3900E	17	5	42	<0.4	3	75	<1	7	11	2.83	<2	20	<5	<5	80	<2	2	23	2	4	312	0.24	0.06	1.71	0.34	0.04	0.04	1464	<.05	<5
S0900833	ML-B-L5500N-4050E	29	<4	62	<0.4	4	84	<1	10	16	3.78	<2	25	<5	<5	94	<2	3	24	3	5	361	0.37	0.07	1.93	0.37	0.04	0.06	1577	<.05	<5

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GDL Job No: V09-0162S

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm	S %	Se ppm
S0900834	CH-B-L5000E-7700N	61	17	102	<0.4	65	170	<1	16	33	4.24	<2	42	<5	<5	102	<2	2	53	4	5	617	0.66	0.07	2.10	0.41	0.03	0.06	2087	<.05	<5
S0900835	CH-B-L5000E-7800N	35	8	111	<0.4	16	147	<1	12	28	4.30	<2	50	<5	<5	99	<2	<2	41	3	5	498	0.61	0.04	1.95	0.35	0.04	0.06	4195	<.05	<5
S0900836	CH-B-L5000E-7900N	50	11	138	<0.4	15	134	<1	13	33	5.42	<2	67	<5	<5	115	2	2	44	3	4	604	0.66	0.05	2.33	0.36	0.07	0.09	5610	<.05	<5
S0900837	CH-B-L5000E-8000N	34	9	157	<0.4	11	120	<1	14	36	5.13	<2	78	<5	<5	114	2	<2	29	2	4	786	0.77	0.06	2.14	0.33	0.04	0.09	4369	<.05	<5
S0900838	CH-B-L5000E-8100N	52	5	140	<0.4	19	84	<1	11	27	4.68	<2	55	<5	<5	107	2	2	20	3	4	332	0.52	0.06	2.82	0.26	0.06	0.05	4618	<.05	<5
S0900839	CH-B-L5000E-8250N	51	5	161	<0.4	17	95	<1	12	31	4.95	<2	50	<5	<5	106	2	2	23	3	5	466	0.59	0.07	2.98	0.24	0.03	0.04	3881	<.05	<5
S0900840	CH-B-L5000E-8300N	134	7	68	<0.4	42	120	<1	17	39	5.43	<2	59	<5	<5	140	<2	2	45	3	3	375	0.90	0.11	2.42	0.44	0.06	0.09	1263	<.05	<5
S0900841	CH-B-L5000E-8400N	51	<4	38	<0.4	16	84	<1	10	24	3.50	<2	42	<5	<5	91	<2	2	24	3	3	199	0.47	0.05	2.05	0.26	0.04	0.04	1009	<.05	<5
S0900842	CH-B-L5000E-8500N	61	4	49	<0.4	26	79	<1	8	21	4.41	<2	35	<5	<5	100	<2	<2	20	<2	3	175	0.40	0.04	2.15	0.21	0.04	0.03	3215	<.05	<5
S0900843	CH-B-L5000E-8600N	47	5	43	0.7	23	70	<1	9	19	3.91	<2	38	<5	<5	101	<2	2	20	2	4	176	0.41	0.05	1.71	0.26	0.04	0.04	1133	<.05	<5
S0900844	CH-B-L5000E-8800N	69	<4	54	1.0	22	83	<1	10	20	3.49	<2	32	<5	<5	87	2	2	30	4	7	198	0.42	0.08	2.22	0.31	0.04	0.03	778	<.05	<5
S0900845	CH-B-L5000E-8900N	87	5	52	<0.4	16	80	<1	9	18	2.77	2	35	<5	<5	77	<2	2	37	4	7	338	0.51	0.09	1.49	0.53	0.05	0.04	337	<.05	<5
S0900845 rpt		80	4	43	0.7	14	74	<1	8	17	2.54	2	28	<5	<5	66	<2	<2	32	3	5	304	0.45	0.05	1.38	0.40	0.04	0.03	332	<.05	<5
S0900846	CH-B-L5000E-9000N	110	4	45	<0.4	22	106	<1	9	31	2.98	2	37	<5	<5	80	<2	<2	60	5	6	360	0.62	0.07	1.73	0.74	0.08	0.04	735	<.05	<5
S0900847	CH-B-L5000E-9100N	48	7	109	0.6	19	93	<1	12	21	3.97	<2	34	<5	<5	101	<2	<2	31	2	4	292	0.47	0.06	1.60	0.31	0.04	0.05	1482	<.05	<5
S0900848	CH-B-L5000E-9200N	40	7	122	<0.4	10	117	<1	15	27	4.01	<2	43	<5	<5	91	<2	<2	22	2	4	693	0.54	0.04	1.85	0.32	0.04	0.07	2454	<.05	<5
S0900849	CH-B-L5000E-9300N	35	8	84	0.5	14	75	<1	13	21	4.13	<2	40	<5	<5	112	<2	2	14	3	5	377	0.41	0.05	2.00	0.24	0.04	0.04	1438	<.05	<5
S0900850	CH-B-L5000E-9400N	48	5	84	<0.4	15	91	<1	12	26	4.72	<2	45	<5	<5	117	2	2	21	2	3	373	0.59	0.04	2.43	0.21	0.03	0.05	2978	<.05	<5
S0900851	CH-B-L5000E-9500N	60	6	57	<0.4	13	108	<1	13	29	3.86	<2	46	<5	<5	108	<2	2	35	3	5	329	0.62	0.07	2.01	0.38	0.04	0.07	783	<.05	<5
S0900852	CH-B-L5000E-9600N	41	4	54	0.5	12	88	<1	10	30	3.63	<2	41	<5	<5	88	<2	<2	21	2	4	312	0.47	0.05	1.99	0.26	0.04	0.05	1538	<.05	<5
S0900853	CH-B-L5000E-9700N	39	<4	35	<0.4	9	102	<1	9	28	3.32	<2	46	<5	<5	95	<2	<2	36	4	6	301	0.63	0.07	1.63	0.46	0.04	0.03	615	<.05	<5
S0900854	CH-B-L4500E-7750N	30	5	44	<0.4	6	83	<1	7	20	4.14	<2	41	<5	<5	120	<2	3	26	3	5	184	0.44	0.13	2.33	0.36	0.04	0.03	681	<.05	<5
S0900855	CH-B-L4500E-7800N	27	5	46	<0.4	3	85	<1	6	15	2.62	<2	31	<5	<5	75	<2	<2	21	3	4	202	0.33	0.06	1.89	0.35	0.04	0.03	1709	<.05	<5
S0900856	CH-B-L4500E-7950N	48	16	210	<0.4	15	170	<1	18	46	5.01	<2	79	<5	<5	121	<2	3	54	3	4	383	0.93	0.06	2.48	0.39	0.04	0.11	3048	<.05	<5
S0900857	CH-B-L4500E-8000N	68	6	84	1.0	19	146	<1	15	48	4.58	<2	69	<5	<5	106	<2	3	67	3	4	387	0.91	0.06	2.14	0.45	0.03	0.09	2544	<.05	<5
S0900858	CH-B-L4500E-8100N	53	9	106	<0.4	20	166	<1	19	40	4.73	<2	74	<5	<5	121	2	2	62	3	4	864	0.85	0.06	2.28	0.41	0.04	0.13	1599	<.05	<5
S0900859	CH-B-L4500E-8250N	127	16	122	0.5	260	196	<1	9	13	8.57	<2	10	<5	<5	110	<2	4	106	3	4	252	0.17	0.03	1.98	0.30	0.04	0.06	3514	0.09	<5
S0900860	CH-B-L4500E-8300N	75	8	96	<0.4	29	145	<1	11	31	5.72	<2	54	<5	<5	129	<2	<2	55	3	3	256	0.55	0.04	3.19	0.21	0.04	0.06	8084	<.05	<5
S0900861	CH-B-L4500E-8400N	65	13	61	<0.4	64	160	<1	3	12	7.24	5	32	<5	<5	131	2	2	40	<2	3	142	0.28	0.07	2.26	0.22	0.04	0.04	3306	<.05	<5
S0900861 rpt		59	16	49	0.4	61	148	1	2	10	6.92	5	27	<5	<5	122	<2	5	34	<2	3	126	0.24	0.06	2.08	0.14	0.04	0.04	3239	<.05	<5
S0900862	CH-B-L4500E-8500N	85	7	74	<0.4	55	108	<1	13	23	5.56	2	31	<5	<5	120	<2	3	30	<2	3	410	0.79	0.08	2.46	0.31	0.04	0.05	2159	<.05	<5
S0900863	CH-B-L4500E-8650N	69	5	80	<0.4	15	101	<1	16	30	4.67	<2	56	<5	<5	132	<2	<2	24	2	3	244	0.50	0.09	2.51	0.28	0.04	0.04	1539	<.05	<5
S0900864	CH-B-L4500E-8800N	72	4	51	<0.4	23	59	<1	7	22	3.55	<2	32	<5	<5	99	2	3	31	2	4	195	0.44	0.07	1.75	0.36	0.04	0.04	1100	<.05	<5
S0900864 rpt		65	4	45	<0.4	21	54	<1	7	20	3.41	<2	28	<5	<5	89	<2	<2	24	2	3	178	0.40	0.03	1.65	0.25	0.04	0.04	1078	<.05	<5
S0900865	CH-B-L4500E-8900N	212	8	62	<0.4	55	94	<1	22	36	5.30	5	37	<5	<5	106	2	2	62	5	6	422	0.72	0.09	2.27	0.48	0.04	0.07	1206	<.05	<5
S0900866	CH-B-L4500E-9000N	17	5	74	0.7	6	102	<1	8	17	3.51	<2	32	<5	<5	77	<2	<2	18	2	7	197	0.32	0.04	1.71	0.22	0.04	0.04	1659	<.05	<5
S0900867	CH-B-L4500E-9100N	62	6	49	<0.4	35	106	<1	14	23	4.71	<2	34	<5	<5	107	2	3	48	2	3	267	0.59	0.07	2.10	0.44	0.04	0.06	1603	<.05	<5
S0900868	CH-B-L4500E-9200N	86	<4	36	<0.4	21	90	<1	13	28	3.44	3	41	<5	<5	88	<2	3	67	5	6	435	0.76	0.07	1.73	0.75	0.04	0.05	1059	<.05	<5
S0900869	CH-B-L4500E-9300N	69	5	45	<0.4	19	87	<1	11	21	3.97	<2	32	<5	<5	100	2	2	39	3	4	279	0.50	0.07	1.87	0.40	0.04	0.05	926	<.05	<5
S0900870	CH-B-L4500E-9400N	45	5	96	0.7	9	70	<1	12	31	4.54	<2	47	<5	<5	96	2	3	18	2	3	273	0.59	0.03	2.25	0.18	0.03	0.05	2831	<.05	<5
S0900871	CH-B-L4500E-9500N	64	7	128	0.5	13	92	<1	13	39	5.15	<2	59	<5	<5	123	<2	3	21	<2	<2	303	0.87	0.08	2.49	0.20	0.04	0.07	2549	<.05	<5

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GDL Job No: V09-0162S

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm	S %	Se ppm
S0900872	CH-B-L4500E-9600N	81	6	109	0.5	15	109	<1	15	39	4.06	<2	50	<5	<5	101	2	2	43	8	7	908	0.70	0.07	1.99	0.66	0.04	0.08	637	<.05	<5
S0900873	CH-B-L4500E-9700N	40	5	66	<0.4	11	96	<1	13	31	3.93	<2	44	<5	<5	91	<2	<2	22	2	3	770	0.57	0.03	2.29	0.21	0.04	0.04	3128	<.05	<5
S0900874	CH-B-L4000E-7700N	39	4	70	<0.4	8	122	<1	10	24	3.30	<2	36	<5	<5	79	<2	<2	37	3	3	219	0.57	0.07	2.06	0.36	0.04	0.03	1214	<.05	<5
S0900875	CH-B-L4000E-7800N	21	4	57	<0.4	3	91	<1	5	14	2.75	<2	26	<5	<5	77	3	<2	31	2	4	147	0.36	0.06	1.78	0.33	0.04	0.04	973	<.05	<5
S0900876	CH-B-L4000E-7900N	21	4	70	0.6	4	99	<1	7	14	2.71	<2	29	<5	<5	72	<2	2	18	<2	3	247	0.27	0.04	1.54	0.30	0.04	0.03	1527	<.05	<5
S0900877	CH-B-L4000E-8100N	39	11	127	<0.4	21	105	<1	19	35	4.82	<2	55	<5	<5	111	<2	2	39	2	3	671	0.72	0.03	2.03	0.30	0.04	0.09	2142	<.05	<5
S0900878	CH-B-L4000E-8200N	107	8	101	<0.4	31	104	<1	16	31	5.08	2	40	<5	<5	108	<2	2	35	<2	3	853	0.58	0.05	2.55	0.18	0.04	0.04	2308	<.05	<5
S0900879	CH-B-L4000E-8300N	18	7	50	0.6	23	62	<1	5	8	4.55	2	18	<5	<5	110	<2	3	26	<2	2	268	0.45	0.07	1.70	0.26	0.04	0.08	1143	<.05	<5
S0900880	CH-B-L4000E-8600N	57	5	96	<0.4	22	112	<1	8	27	3.91	<2	60	<5	<5	107	2	<2	39	3	3	249	0.60	0.04	2.54	0.29	0.04	0.04	1530	<.05	<5
S0900881	CH-B-L4000E-8650N	245	4	51	<0.4	49	110	<1	15	32	4.72	<2	30	<5	<5	90	<2	2	70	2	3	245	0.60	0.08	2.41	0.35	0.04	0.05	1301	<.05	<5
S0900882	CH-B-L4000E-8800N	222	6	58	<0.4	39	107	<1	25	40	5.25	6	35	<5	<5	97	2	2	54	2	3	264	0.59	0.07	2.62	0.23	0.04	0.04	1975	<.05	<5
S0900883	CH-B-L4000E-8900N	71	4	53	<0.4	22	82	<1	13	27	4.17	2	37	<5	<5	105	2	2	35	4	5	228	0.51	0.07	2.11	0.26	0.04	0.05	961	<.05	<5
S0900883 rpt		71	6	51	<0.4	21	82	<1	12	27	4.13	<2	35	<5	<5	105	<2	<2	35	4	5	230	0.51	0.07	2.11	0.28	0.04	0.04	947	<.05	<5
S0900884	CH-B-L4000E-9000N	37	6	136	<0.4	15	120	<1	12	34	4.44	<2	51	<5	<5	103	<2	2	25	4	5	378	0.62	0.03	2.31	0.28	0.04	0.04	4669	<.05	<5
S0900885	CH-B-L4000E-9200N	31	4	53	<0.4	12	121	<1	12	30	3.23	<2	42	<5	<5	75	<2	<2	28	2	4	368	0.53	0.05	1.81	0.25	0.04	0.05	1425	<.05	<5
S0900886	CH-B-L4000E-9300N	38	6	67	0.8	17	96	<1	13	25	4.19	<2	41	<5	<5	105	<2	2	36	2	3	530	0.57	0.06	1.83	0.45	0.03	0.07	1693	<.05	<5
S0900887	CH-B-L4000E-9400N	35	4	129	<0.4	14	125	<1	11	30	3.90	<2	44	<5	<5	84	2	<2	56	2	4	326	0.58	0.03	2.03	0.53	0.04	0.05	3599	<.05	<5
STD: DA		127	211	642	6.8	45	532	4	11	40	3.30	3	35	6	<5	54	3	2	37	8	15	640	0.49	0.05	1.50	0.49	0.07	0.13	958	0.19	<5
STD: DA		124	216	655	7.1	49	551	4	11	41	3.40	3	36	<5	<5	57	2	<2	38	9	15	671	0.51	0.05	1.81	0.52	0.07	0.13	1013	0.20	<5
STD: DA		122	214	646	5.3	46	521	4	11	38	3.27	3	31	<5	<5	52	2	<2	36	8	14	640	0.45	0.04	1.88	0.50	0.07	0.12	1004	0.19	<5
STD: SS1		750	228	7166	1.6	16	113	33	28	236	2.25	5	51	<5	<5	18	2	7	215	8	13	447	0.58	0.01	0.74	12.81	0.03	0.11	1137	0.77	6

I=insufficient sample
If requested analyses are not shown, results are to follow

ANALYTICAL METHODS

GROUP 1AA ICP-AES: 30 element package digested in hot reverse aqua regia (soil, silt) or hot aqua regia (rocks).

Alice Kwan

Alice Kwan, Chemist-Teck Cominco G.D.L.

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Global Discovery Labs 1486 East Pender Street Vancouver, B.C. Canada V5L 1V8 Phone: (604) 699-4380 Fax: (604) 699-4735

SERENGETI RESOURCES-X09

GLOBAL DISCOVERY LABS

Ref/I.D.: MLB-4500N - CHB-L4000E
Report Date: 29 JULY 2009
GDL Job No: V09-0162S

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram	pH
S0900761	ML-B-L4500N-0E	<10	10	5.5
S0900762	ML-B-L4500N-100E	<10	10	5.5
S0900763	ML-B-L4500N-200E	<10	10	6.0
S0900764	ML-B-L4500N-300E	<10	10	6.1
S0900765	ML-B-L4500N-400E	20	10	6.0
S0900766	ML-B-L4500N-500E	<10	10	5.9
S0900767	ML-B-L4500N-600E	<10	10	5.5
S0900768	ML-B-L4500N-700E	<10	10	6.0
S0900769	ML-B-L4500N-800E	<10	10	5.5
S0900770	ML-B-L4500N-900E	<10	10	5.9
S0900771	ML-B-L4500N-1000E	<10	10	5.6
S0900772	ML-B-L4500N-1100E	<10	10	6.0
S0900773	ML-B-L4500N-1200E	<10	10	5.4
S0900774	ML-B-L4500N-1275E	<10	10	5.4
S0900775	ML-B-L4500N-1450E	18	10	5.8
S0900776	ML-B-L4500N-1500E	<10	10	5.6
S0900777	ML-B-L4500N-1600E	<10	10	5.4
S0900778	ML-B-L4500N-1700E	<10	10	5.7
S0900779	ML-B-L4500N-1800E	52	10	5.9
S0900779 rpt		30	10	
S0900780	ML-B-L4500N-1900E	<10	10	5.7
S0900781	ML-B-L4500N-2000E	11	10	5.6
S0900782	ML-B-L4500N-2075E	<10	10	6.1
S0900783	ML-B-L4500N-2200E	<10	10	6.1
S0900784	ML-B-L4500N-2300E	<10	10	6.2
S0900785	ML-B-L4500N-2400E	<10	10	6.8
S0900786	ML-B-L4500N-2500E	<10	10	6.4
S0900787	ML-B-L4500N-2600E	<10	10	5.7
S0900788	ML-B-L4500N-2675E	<10	10	5.6
S0900789	ML-B-L4500N-2800E	<10	10	6.1
S0900790	ML-B-L4500N-2900E	<10	10	5.7
S0900791	ML-B-L4500N-2975E	<10	10	5.8
S0900792	ML-B-L4500N-3100E	<10	10	5.9
S0900793	ML-B-L4500N-3200E	<10	10	5.5
S0900794	ML-B-L5500N-25E	<10	10	5.9
S0900794 rpt		<10	10	

GDL Job No: **V09-0162S**

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram	pH
S0900795	ML-B-L5500N-100E	<10	10	5.9
S0900796	ML-B-L5500N-200E	<10	10	6.1
S0900797	ML-B-L5500N-400E	<10	10	5.4
S0900798	ML-B-L5500N-525E	<10	10	5.5
S0900799	ML-B-L5500N-625E	<10	10	5.7
S0900800	ML-B-L5500N-675E	<10	10	5.7
S0900801	ML-B-L5500N-800E	<10	10	5.8
S0900802	ML-B-L5500N-900E	<10	10	5.9
S0900803	ML-B-L5500N-1000E	<10	10	5.7
S0900804	ML-B-L5500N-1100E	<10	10	5.8
S0900805	ML-B-L5500N-1200E	<10	10	6.1
S0900806	ML-B-L5500N-1300E	<10	10	5.6
S0900807	ML-B-L5500N-1400E	<10	10	6.2
S0900807 rpt		<10	10	
S0900808	ML-B-L5500N-1500E	<10	10	5.6
S0900809	ML-B-L5500N-1600E	10	10	5.6
S0900810	ML-B-L5500N-1700E	<10	10	5.6
S0900811	ML-B-L5500N-1800E	<10	10	5.5
S0900812	ML-B-L5500N-1900E	<10	10	5.8
S0900813	ML-B-L5500N-2000E	10	10	5.6
S0900814	ML-B-L5500N-2100E	<10	10	5.7
S0900815	ML-B-L5500N-2200E	21	10	5.9
S0900815 rpt		<10	10	
S0900816	ML-B-L5500N-2300E	<10	10	5.3
S0900817	ML-B-L5500N-2400E	<10	10	5.7
S0900818	ML-B-L5500N-2500E	<10	10	5.7
S0900819	ML-B-L5500N-2600E	<10	10	5.3
S0900820	ML-B-L5500N-2700E	<10	10	6.0
S0900821	ML-B-L5500N-2800E	<10	10	5.6
S0900822	ML-B-L5500N-2900E	<10	10	5.7
S0900823	ML-B-L5500N-2975E	<10	10	5.5
S0900824	ML-B-L5500N-3125E	<10	10	5.7
S0900825	ML-B-L5500N-3200E	<10	10	5.8
S0900826	ML-B-L5500N-3300E	<10	10	6.0
S0900827	ML-B-L5500N-3400E	<10	10	5.6
S0900828	ML-B-L5500N-3500E	<10	10	5.3
S0900828 rpt		<10	10	
S0900829	ML-B-L5500N-3600E	<10	10	6.2
S0900830	ML-B-L5500N-3700E	<10	10	5.5
S0900831	ML-B-L5500N-3800E	<10	10	5.3

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GDL Job No: **V09-0162S**

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram	pH
S0900832	ML-B-L5500N-3900E	<10	10	5.5
S0900833	ML-B-L5500N-4050E	<10	10	5.8
S0900834	CH-B-L5000E-7700N	<10	10	5.6
S0900835	CH-B-L5000E-7800N	<10	10	5.6
S0900836	CH-B-L5000E-7900N	<10	10	5.4
S0900837	CH-B-L5000E-8000N	<10	10	5.3
S0900838	CH-B-L5000E-8100N	<10	10	5.4
S0900839	CH-B-L5000E-8250N	<10	10	5.5
S0900839 rpt		<10	10	
S0900840	CH-B-L5000E-8300N	10	10	5.8
S0900841	CH-B-L5000E-8400N	<10	10	5.9
S0900842	CH-B-L5000E-8500N	18	10	5.4
S0900843	CH-B-L5000E-8600N	<10	10	5.6
S0900844	CH-B-L5000E-8800N	<10	10	5.8
S0900845	CH-B-L5000E-8900N	14	10	5.5
S0900846	CH-B-L5000E-9000N	<10	10	6.1
S0900847	CH-B-L5000E-9100N	<10	10	5.2
S0900848	CH-B-L5000E-9200N	<10	10	5.6
S0900849	CH-B-L5000E-9300N	<10	10	5.5
S0900850	CH-B-L5000E-9400N	<10	10	5.3
S0900851	CH-B-L5000E-9500N	<10	10	5.8
S0900852	CH-B-L5000E-9600N	<10	10	5.7
S0900853	CH-B-L5000E-9700N	<10	10	5.6
S0900853 rpt		<10	10	
S0900854	CH-B-L4500E-7750N	<10	10	5.4
S0900855	CH-B-L4500E-7800N	<10	10	5.1
S0900856	CH-B-L4500E-7950N	<10	10	5.5
S0900857	CH-B-L4500E-8000N	<10	10	5.5
S0900858	CH-B-L4500E-8100N	<10	10	6.0
S0900859	CH-B-L4500E-8250N	<10	10	5.4
S0900860	CH-B-L4500E-8300N	<10	10	5.7
S0900861	CH-B-L4500E-8400N	60	10	5.1
S0900862	CH-B-L4500E-8500N	20	10	5.2
S0900863	CH-B-L4500E-8650N	<10	10	5.2
S0900864	CH-B-L4500E-8800N	<10	10	4.5
S0900865	CH-B-L4500E-8900N	20	10	6.0
S0900866	CH-B-L4500E-9000N	<10	10	6.0
S0900866 rpt		<10	10	
S0900867	CH-B-L4500E-9100N	10	10	5.6
S0900868	CH-B-L4500E-9200N	<10	10	6.5

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GDL Job No: **V09-0162S**

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram	pH
S0900869	CH-B-L4500E-9300N	10	10	5.5
S0900870	CH-B-L4500E-9400N	<10	10	5.4
S0900871	CH-B-L4500E-9500N	<10	10	5.5
S0900872	CH-B-L4500E-9600N	<10	10	6.3
S0900873	CH-B-L4500E-9700N	30	10	5.7
S0900874	CH-B-L4000E-7700N	<10	10	5.5
S0900875	CH-B-L4000E-7800N	<10	10	5.7
S0900876	CH-B-L4000E-7900N	<10	10	5.9
S0900877	CH-B-L4000E-8100N	46	10	5.6
S0900878	CH-B-L4000E-8200N	<10	10	5.3
S0900879	CH-B-L4000E-8300N	25	10	5.6
S0900880	CH-B-L4000E-8600N	15	10	5.4
S0900881	CH-B-L4000E-8650N	10	10	5.6
S0900882	CH-B-L4000E-8800N	<10	10	5.6
S0900883	CH-B-L4000E-8900N	<10	10	5.6
S0900884	CH-B-L4000E-9000N	43	10	5.6
S0900885	CH-B-L4000E-9200N	<10	10	5.6
S0900885 rpt		<10	10	
S0900886	CH-B-L4000E-9300N	<10	10	5.8
S0900887	CH-B-L4000E-9400N	<10	10	6.3
STD: ND6		500	10	
STD: ND6		500	10	
STD: ND6		480	10	
STD: ND6		530	10	
STD: ND6		440	10	

I=insufficient sample
If requested analyses are not shown, results are to follow

ANALYTICAL METHODS

Au Aqua regia decomposition / solvent extraction / AAS
Wt Au The weight of sample taken to analyse for gold (geochem)
pH Specific ion electrode

Alice Kwan, Chemist-Teck Cominco G.D.L.

Teck Resources Ltd.
Global Discovery Labs 1486 East Pender Street Vancouver, B.C. Canada V5L 1V8 Phone: (604) 699-4380 Fax: (604) 699-4735

SERENGETI RESOURCES-X09

Ref/I.D.: CHOO 01: 23679-23816
Report date: 16 NOV 2009
Acme Job No: V09-0426R

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm	S %	Se ppm
R0920412	ACME PREP BLANK	21	5	48	1.2	4	169	<1	3	5	4.68	3	68	<5	<5	40	2	8	64	6	12	552	0.52	0.13	1.00	0.53	0.18	0.49	786	<.05	<5
R0920413	23679	102	<4	32	<0.4	26	62	<1	22	67	4.72	<2	138	<5	<5	113	2	5	63	4	2	479	1.03	0.15	1.40	2.90	0.14	0.21	977	2.25	<5
R0920414	23680	64	<4	33	13.2	32	73	<1	15	5	4.15	<2	8	<5	<5	116	2	7	62	6	5	399	0.50	0.14	1.62	3.13	0.13	0.17	1122	1.69	<5
R0920415	23681	108	6	27	<0.4	20	50	<1	18	5	4.21	3	11	<5	<5	89	4	6	49	6	4	344	0.35	0.11	1.50	2.83	0.12	0.12	1091	2.20	<5
R0920416	23682	175	<4	25	<0.4	23	66	<1	17	6	4.15	<2	11	<5	<5	102	<2	<2	51	5	3	314	0.46	0.13	1.52	2.48	0.14	0.15	1058	1.89	<5
R0920417	23683	920	<4	41	<0.4	40	54	<1	22	26	4.50	<2	46	<5	<5	131	<2	6	39	6	4	404	0.95	0.17	1.33	2.48	0.11	0.21	1163	1.84	<5
R0920418	23684	163	<4	24	<0.4	38	66	<1	17	13	5.06	<2	13	<5	<5	118	2	6	71	10	5	432	0.54	0.14	1.19	3.38	0.11	0.14	1309	2.56	<5
R0920419	23685	196	<4	22	<0.4	11	36	<1	21	66	5.83	<2	72	<5	<5	102	<2	6	151	7	5	408	0.62	0.15	1.38	3.13	0.13	0.18	2128	3.65	<5
R0920420	23686	179	<4	21	<0.4	12	42	<1	16	31	5.50	<2	33	<5	<5	126	<2	6	143	8	5	472	0.69	0.16	1.57	4.25	0.13	0.27	1301	3.64	<5
R0920420 rpt		171	4	19	<0.4	11	35	<1	17	31	5.36	<2	32	<5	<5	120	<2	6	129	8	5	471	0.63	0.14	1.44	3.92	0.12	0.25	1265	3.47	<5
R0920421	23687	136	<4	26	<0.4	19	69	<1	17	27	4.46	<2	65	<5	<5	152	2	5	51	10	7	323	1.02	0.18	1.15	2.02	0.12	0.54	1092	2.39	<5
R0920422	23688	167	4	22	<0.4	17	57	<1	17	11	4.53	2	21	<5	<5	98	2	4	81	10	8	319	0.43	0.16	1.14	2.38	0.13	0.15	2074	2.91	<5
R0920423	23689	150	<4	23	1.9	15	64	<1	17	8	4.61	<2	26	<5	<5	118	<2	5	82	11	8	462	0.64	0.14	1.04	2.31	0.12	0.31	1875	2.53	<5
R0920424	23690	6517	32	126	2.0	25	43	<1	7	15	7.30	6	27	<5	19	47	7	7	62	4	3	895	0.81	0.04	0.68	1.64	0.10	0.31	658	2.49	<5
R0920425	23691	121	<4	23	<0.4	17	97	<1	13	6	3.67	<2	33	<5	<5	109	<2	6	81	11	8	382	0.53	0.12	0.98	1.91	0.13	0.27	1588	1.73	<5
R0920426	23692	176	<4	19	<0.4	32	43	<1	18	9	4.76	<2	31	<5	<5	107	<2	7	48	12	8	368	0.55	0.15	1.01	2.41	0.11	0.17	1827	2.91	<5
R0920427	23693	129	<4	22	<0.4	21	62	<1	20	8	4.45	<2	27	<5	<5	110	<2	4	50	11	8	287	0.56	0.16	1.03	1.98	0.12	0.23	1980	2.71	<5
R0920428	23694	109	<4	28	<0.4	11	104	<1	17	31	4.33	2	81	<5	<5	176	<2	5	61	11	8	328	1.16	0.21	1.26	1.94	0.12	0.67	1353	1.72	<5
R0920429	23695	52	<4	25	<0.4	8	202	<1	14	45	2.98	2	149	<5	<5	208	<2	4	33	10	7	251	1.32	0.26	1.22	0.85	0.13	0.92	894	0.74	<5
R0920430	23696	73	<4	22	<0.4	8	143	<1	20	55	3.77	2	154	<5	<5	231	<2	6	76	10	5	348	1.53	0.26	1.37	1.30	0.13	0.91	924	1.14	<5
R0920431	23697	81	<4	25	3.9	16	211	<1	13	92	4.04	<2	193	<5	<5	148	<2	5	166	8	6	379	1.45	0.21	1.41	1.73	0.15	0.46	1204	0.93	<5
R0920432	23698	183	<4	25	0.5	6	55	<1	16	33	4.60	<2	75	<5	<5	143	<2	6	35	9	5	267	0.89	0.25	1.08	1.05	0.13	0.49	1041	2.17	<5
R0920433	23699	171	<4	27	<0.4	7	83	<1	14	11	4.41	<2	29	<5	<5	134	<2	7	38	10	7	329	0.77	0.24	1.11	1.50	0.13	0.31	1230	1.86	<5
R0920434	23700	151	6	35	<0.4	17	73	<1	16	8	4.37	<2	19	<5	<5	137	<2	5	65	10	7	344	0.78	0.22	1.12	1.45	0.13	0.32	1299	1.81	<5
R0920435	23701	199	5	30	<0.4	13	73	<1	14	4	4.03	<2	20	<5	<5	104	<2	5	67	11	8	300	0.65	0.18	1.02	1.21	0.14	0.18	1116	1.85	<5
R0920436	23702	69	8	23	12.4	12	47	<1	3	1	1.76	<2	48	<5	<5	28	4	3	41	10	9	207	0.22	0.01	0.68	1.37	0.10	0.16	390	0.42	<5
R0920437	23703	121	4	30	<0.4	24	58	<1	5	1	2.40	<2	45	<5	<5	36	2	3	58	10	12	294	0.37	<.01	0.80	2.26	0.10	0.16	450	0.84	<5
R0920438	23704	177	5	29	<0.4	10	57	<1	12	4	4.29	<2	18	<5	<5	108	<2	7	37	11	8	359	0.76	0.18	1.08	1.77	0.11	0.23	1144	1.84	<5
R0920439	23705	2995	91	328	2.4	53	97	<1	13	140	4.68	37	86	<5	<5	65	4	13	37	8	6	740	0.83	0.14	1.48	0.71	0.13	0.18	614	0.72	<5
R0920440	23706	126	<4	28	<0.4	6	85	<1	12	3	3.99	<2	19	<5	<5	122	<2	5	55	11	8	396	0.77	0.20	0.99	2.17	0.13	0.26	1167	1.90	<5
R0920441	23707	123	<4	33	<0.4	10	77	<1	12	5	4.18	<2	14	<5	<5	129	<2	6	57	11	7	400	0.83	0.16	1.06	2.14	0.13	0.32	1316	1.88	<5
R0920442	23708	246	<4	29	<0.4	9	39	<1	19	7	5.56	<2	16	<5	<5	131	<2	6	112	8	6	352	0.85	0.16	1.22	1.79	0.12	0.33	2109	2.94	<5
R0920443	23709	93	<4	25	<0.4	9	83	<1	12	4	3.30	<2	17	<5	<5	104	<2	8	151	9	7	397	0.70	0.16	1.08	1.85	0.12	0.29	1101	1.55	<5
R0920444	23710	52	4	18	<0.4	8	47	<1	9	4	3.33	<2	23	<5	<5	67	<2	5	67	7	6	489	0.45	0.10	0.96	3.37	0.10	0.10	892	2.13	<5
R0920445	23711	63	4	17	<0.4	6	46	<1	10	4	3.13	<2	21	<5	<5	66	<2	3	80	6	5	344	0.38	0.10	1.11	2.68	0.10	0.08	909	1.93	<5
R0920445 rpt		66	<4	17	<0.4	5	46	<1	10	4	3.28	<2	23	<5	<5	68	<2	3	83	7	6	345	0.40	0.11	1.19	2.80	0.11	0.09	953	2.05	<5
R0920446	23712	66	4	22	<0.4	16	71	<1	9	4	2.94	<2	19	<5	<5	82	<2	6	78	9	6	379	0.64	0.07	1.00	2.56	0.11	0.14	946	1.16	<5

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Acme Job No: V09-0426R

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm	S %	Se ppm
R0920447	23713	34	<4	20	<0.4	6	137	<1	12	22	3.12	<2	89	<5	<5	112	<2	4	120	6	6	372	0.66	0.14	1.32	2.21	0.14	0.23	986	0.85	<5
R0920448	23714	48	<4	19	<0.4	7	98	<1	7	5	2.23	<2	26	<5	<5	55	<2	4	95	5	6	295	0.34	0.10	1.39	2.53	0.16	0.07	908	1.13	<5
R0920449	23715	28	<4	19	<0.4	8	64	<1	5	6	2.35	<2	26	<5	<5	59	<2	4	79	6	5	336	0.47	0.11	1.25	3.05	0.14	0.11	887	1.22	<5
R0920450	23716	52	<4	19	2.1	5	51	<1	4	5	1.77	<2	21	<5	<5	63	<2	2	57	6	5	334	0.50	0.12	1.20	2.26	0.13	0.08	970	0.76	<5
R0920451	23716 ACME DUP	55	<4	33	0.5	5	57	<1	4	9	1.74	2	23	<5	<5	56	<2	4	60	5	6	334	0.56	0.09	1.25	2.52	0.15	0.07	1144	0.82	<5
R0920452	23717	79	4	43	<0.4	41	38	<1	9	8	2.82	<2	25	<5	<5	85	<2	<2	59	11	9	592	0.82	0.07	1.07	4.34	0.10	0.14	969	1.29	<5
R0920453	23718	155	<4	33	<0.4	21	54	<1	14	12	3.61	<2	28	<5	<5	101	<2	<2	38	10	9	306	0.79	0.18	1.20	2.03	0.12	0.14	1097	1.49	<5
R0920454	23719	122	<4	38	0.6	37	67	<1	11	13	3.52	<2	55	<5	<5	114	2	<2	54	10	11	402	0.98	0.20	1.35	2.63	0.15	0.15	1053	1.24	<5
R0920455	23720	18	<4	52	<0.4	5	184	<1	6	26	2.45	<2	115	<5	<5	58	<2	<2	49	10	16	493	0.60	0.14	1.21	0.75	0.13	0.16	674	<.05	<5
R0920455 rpt		18	<4	57	<0.4	3	168	<1	7	29	2.32	<2	97	<5	<5	53	<2	<2	34	9	15	508	0.57	0.11	1.28	0.70	0.11	0.12	796	<.05	<5
R0920456	23721	147	5	39	<0.4	38	84	<1	9	9	3.82	<2	31	<5	<5	102	<2	<2	70	12	10	456	0.78	0.15	1.26	3.35	0.11	0.20	1012	1.24	<5
R0920457	23722	121	4	31	<0.4	56	61	<1	8	8	3.03	10	27	<5	<5	92	<2	<2	71	12	11	494	0.74	0.06	1.11	5.10	0.09	0.16	999	1.03	<5
R0920458	23723	202	<4	31	<0.4	78	58	<1	8	7	3.07	8	33	<5	5	103	<2	<2	66	12	11	386	1.01	0.10	1.20	3.69	0.11	0.14	1146	1.04	<5
R0920459	23724	143	<4	20	<0.4	70	73	<1	6	4	1.98	32	53	<5	5	53	<2	<2	65	9	7	207	0.73	0.03	0.98	2.58	0.11	0.10	709	0.71	<5
R0920460	23725	215	<4	26	<0.4	74	151	<1	8	7	2.27	30	38	<5	<5	51	<2	<2	118	9	9	215	0.68	0.03	1.00	2.68	0.10	0.11	801	0.95	<5
R0920461	23726	150	<4	24	<0.4	28	68	<1	5	6	1.62	15	43	<5	<5	34	<2	<2	50	7	7	178	0.41	0.03	0.84	1.99	0.11	0.11	603	0.68	<5
R0920462	23727	207	7	87	1.7	414	38	<1	9	6	3.02	12	28	<5	6	30	<2	<2	73	8	6	525	0.72	<.01	1.02	7.84	0.08	0.13	699	1.46	<5
R0920463	23728	393	<4	35	0.5	745	40	<1	25	20	5.16	3	36	<5	9	107	<2	<2	70	10	7	615	1.43	0.01	1.69	5.56	0.08	0.19	1384	2.07	<5
R0920464	23729	333	<4	37	<0.4	73	101	<1	22	23	5.51	10	52	<5	<5	155	<2	<2	111	13	7	695	1.53	0.13	1.78	5.95	0.11	0.27	1337	2.01	<5
R0920465	23730	438	<4	22	<0.4	90	34	<1	20	8	4.56	<2	25	<5	<5	113	2	<2	66	14	11	428	0.98	0.05	1.46	3.57	0.12	0.13	1311	2.24	<5
R0920465 rpt		433	<4	25	<0.4	98	32	<1	23	9	4.75	2	18	<5	5	104	<2	<2	64	13	10	447	0.96	0.02	1.45	3.83	0.10	0.08	1455	2.41	<5
R0920466	23731	327	<4	34	<0.4	458	38	<1	15	8	4.91	<2	18	<5	7	113	<2	<2	58	16	10	419	1.24	0.03	1.80	2.78	0.09	0.17	1449	2.03	<5
R0920467	23732	160	<4	31	<0.4	54	24	<1	13	8	3.69	<2	15	5	<5	54	<2	<2	49	7	7	531	0.71	<.01	1.52	5.08	0.09	0.26	1272	1.37	<5
R0920468	23733	180	<4	29	1.9	101	16	<1	15	13	3.20	<2	21	<5	<5	46	<2	<2	57	6	4	575	0.55	<.01	1.55	5.72	0.07	0.16	923	1.44	<5
R0920469	23734	403	9	42	<0.4	156	17	<1	23	22	3.19	16	39	7	<5	38	<2	<2	42	3	3	520	0.16	<.01	0.87	4.54	0.09	0.10	480	1.94	<5
R0920470	23735	224	<4	44	<0.4	86	37	<1	21	23	2.80	<2	57	<5	<5	51	<2	<2	66	5	3	434	0.57	<.01	0.60	3.46	0.10	0.06	560	1.40	<5
R0920471	23736	226	4	38	<0.4	109	38	<1	27	25	3.21	<2	47	5	<5	51	<2	<2	66	5	3	481	0.58	<.01	0.56	3.66	0.10	0.05	587	1.64	<5
R0920472	23737	229	4	33	<0.4	177	36	<1	24	27	3.40	<2	54	<5	<5	63	<2	<2	59	6	3	405	0.49	0.02	0.79	3.57	0.10	0.06	638	1.68	<5
R0920473	23738	211	<4	36	<0.4	46	34	<1	17	30	3.36	<2	76	<5	<5	124	<2	<2	44	9	6	382	0.89	0.05	1.06	2.98	0.11	0.03	770	1.63	<5
R0920474	23739	383	<4	31	<0.4	6	17	<1	16	28	3.57	<2	86	<5	<5	109	<2	<2	33	8	6	298	0.88	0.15	1.05	1.86	0.12	0.04	658	1.74	<5
R0920475	23740	799	<4	37	1.0	2	23	<1	21	30	3.62	<2	80	<5	<5	101	<2	<2	28	8	7	298	0.56	0.18	0.78	1.62	0.13	0.04	677	2.12	<5
R0920476	23741	337	<4	35	<0.4	2	16	<1	18	33	3.16	<2	92	<5	<5	106	2	<2	41	9	9	360	0.44	0.15	0.85	2.67	0.13	0.03	698	1.78	<5
R0920477	23742	204	<4	32	1.9	2	14	<1	31	39	3.61	<2	74	<5	<5	90	<2	<2	16	7	6	253	0.41	0.18	0.56	0.68	0.14	0.03	763	2.01	<5
R0920478	23743	182	<4	25	<0.4	2	15	<1	28	42	3.20	<2	86	<5	<5	77	2	<2	14	6	5	177	0.33	0.18	0.50	0.51	0.15	0.04	704	1.89	<5
R0920479	23744	214	<4	27	<0.4	2	22	<1	23	48	4.45	6	60	<5	<5	72	<2	<2	20	6	7	193	0.45	0.17	0.74	0.72	0.14	0.05	1080	2.95	<5
R0920480	23745	248	<4	37	<0.4	4	41	<1	26	10	4.66	<2	24	<5	5	95	<2	<2	47	7	6	274	0.64	0.17	1.89	2.37	0.12	0.09	1397	2.65	<5
R0920481	23746	227	<4	36	<0.4	4	34	<1	24	9	4.69	<2	15	<5	<5	66	2	<2	51	4	5	233	0.47	0.12	1.49	1.59	0.12	0.10	1517	2.82	<5
R0920482	23747	299	<4	35	<0.4	4	37	<1	32	14	4.58	<2	36	<5	5	87	<2	<2	56	6	6	243	0.49	0.14	1.60	2.09	0.14	0.10	1319	2.77	<5
R0920483	23748	230	<4	31	0.5	29	71	<1	20	23	3.32	2	52	<5	<5	82	<2	<2	81	7	5	507	0.57	0.05	0.97	4.68	0.09	0.06	586	2.03	<5
R0920484	23749	281	4	38	<0.4	55	60	<1	35	26	3.12	<2	63	<5	<5	84	2	<2	37	5	6	198	0.41	0.15	0.79	1.20	0.13	0.06	643	1.85	<5
R0920485	23750	7099	32	143	2.2	28	21	<1	9	22	7.50	8	34	7	19	53	5	<2	66	5	4	1038	0.90	0.05	0.97	2.23	0.08	0.28	703	2.84	8

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LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm	S %	Se ppm
R0920486	23751	215	<4	23	<0.4	16	100	<1	21	23	2.67	95	77	<5	<5	116	2	<2	52	8	6	276	0.85	0.19	1.20	2.03	0.12	0.05	732	1.18	<5
R0920486 rpt		191	<4	23	<0.4	17	86	<1	20	22	2.65	87	67	<5	<5	99	<2	<2	54	5	4	248	0.79	0.11	1.02	1.80	0.12	0.05	693	1.13	<5
R0920487	23752	204	<4	25	<0.4	10	79	<1	23	26	2.52	12	68	<5	5	92	3	<2	47	8	5	221	0.60	0.21	0.96	1.29	0.13	0.07	868	1.37	<5
R0920488	23753	170	<4	49	<0.4	7	75	<1	26	33	5.11	<2	59	<5	<5	184	3	<2	60	8	7	517	1.27	0.26	2.10	3.30	0.10	0.20	2016	1.46	<5
R0920489	23754	201	<4	29	<0.4	10	73	<1	19	8	3.19	<2	24	<5	<5	79	<2	<2	51	8	10	272	0.41	0.14	1.81	3.20	0.11	0.10	1483	1.56	<5
R0920490	23755	250	<4	26	<0.4	8	44	<1	25	8	3.11	<2	17	<5	<5	41	<2	<2	49	6	6	209	0.24	0.11	1.53	2.53	0.10	0.08	1461	2.01	<5
R0920491	ACME PREP BLANK	3	<4	63	<0.4	<2	189	<1	4	6	2.06	<2	91	<5	<5	46	<2	<2	53	7	18	666	0.57	0.15	1.27	0.72	0.12	0.45	1019	<.05	<5
R0920492	23756	280	<4	31	<0.4	31	65	<1	21	9	3.91	<2	18	<5	<5	75	2	<2	51	6	6	260	0.31	0.10	1.70	2.57	0.10	0.09	1592	2.06	<5
R0920493	23757	358	<4	30	<0.4	7	77	<1	25	17	4.12	<2	31	<5	<5	82	<2	<2	49	7	7	246	0.48	0.16	1.99	2.57	0.11	0.09	1799	2.23	<5
R0920494	23758	235	<4	49	<0.4	6	101	<1	24	38	4.93	<2	58	<5	<5	184	<2	<2	70	7	7	525	1.21	0.24	2.24	4.75	0.10	0.17	2102	1.46	<5
R0920495	23759	279	<4	44	1.2	7	94	<1	36	41	5.50	<2	65	<5	5	188	2	<2	88	8	7	434	1.07	0.30	2.19	2.83	0.14	0.21	2315	2.09	<5
R0920496	23760	246	<4	35	<0.4	11	48	<1	40	24	3.64	<2	70	<5	<5	166	<2	<2	28	11	7	317	0.81	0.34	1.08	1.17	0.12	0.21	1477	1.95	<5
R0920497	23761	173	<4	26	<0.4	8	79	<1	23	30	2.52	<2	80	<5	<5	98	<2	<2	33	8	5	285	0.46	0.26	0.80	1.79	0.12	0.12	778	1.52	<5
R0920498	23762	167	<4	30	<0.4	10	61	<1	30	36	2.40	<2	68	<5	<5	84	<2	<2	25	6	4	271	0.42	0.22	0.73	1.51	0.11	0.11	703	1.52	<5
R0920499	23763	186	<4	37	<0.4	3	69	<1	29	36	3.17	<2	94	<5	<5	108	<2	<2	38	7	6	340	0.57	0.19	0.88	2.40	0.11	0.11	891	1.95	<5
R0920500	23764	285	<4	31	<0.4	21	55	<1	15	29	3.35	<2	56	<5	<5	74	<2	<2	21	4	3	180	0.36	0.18	0.68	0.81	0.11	0.08	771	2.28	<5
R0920501	23765	3388	110	426	2.4	68	93	1	17	200	4.86	51	108	<5	5	70	4	3	34	9	7	896	0.92	0.13	2.05	0.97	0.09	0.12	720	0.88	<5
R0920502	23766	235	17	26	<0.4	11	44	<1	17	25	2.91	<2	69	<5	<5	66	<2	<2	15	4	3	196	0.33	0.19	0.62	0.93	0.12	0.09	678	1.85	<5
R0920503	23767	224	<4	29	<0.4	26	45	<1	14	25	2.83	<2	69	<5	<5	85	<2	<2	14	6	3	276	0.40	0.22	0.64	0.87	0.12	0.09	647	1.79	<5
R0920504	23768	188	<4	35	<0.4	16	39	<1	16	23	4.01	<2	61	<5	<5	152	<2	<2	43	7	6	348	1.13	0.24	1.39	2.05	0.13	0.37	1517	1.90	<5
R0920505	23769	249	<4	24	<0.4	36	26	<1	19	36	4.43	<2	67	<5	<5	124	<2	<2	58	7	4	233	0.69	0.15	0.99	1.43	0.14	0.12	955	3.13	7
R0920506	23770	158	<4	16	<0.4	8	43	<1	13	29	2.99	<2	65	<5	<5	107	<2	4	40	8	6	294	0.64	0.20	0.81	1.23	0.17	0.24	902	2.01	<5
R0920506 rpt		165	<4	16	<0.4	5	40	<1	15	31	3.08	<2	47	<5	<5	88	<2	<2	37	5	4	291	0.60	0.13	0.78	1.14	0.14	0.23	973	2.12	7
R0920507	23771	174	<4	18	<0.4	41	66	<1	17	26	3.35	<2	53	<5	<5	108	<2	<2	68	8	6	169	0.50	0.16	1.08	0.96	0.15	0.15	1043	2.11	8
R0920508	23772	231	7	19	<0.4	133	16	<1	26	44	4.23	<2	76	<5	<5	96	5	<2	60	5	4	108	0.37	0.07	0.86	0.57	0.15	0.09	753	3.48	<5
R0920509	23773	181	<4	17	<0.4	69	46	<1	13	33	3.10	<2	52	<5	<5	82	<2	<2	52	5	7	108	0.35	0.06	0.78	0.44	0.16	0.09	664	2.13	9
R0920510	23774	143	<4	20	<0.4	135	56	<1	9	32	3.67	<2	51	<5	<5	91	<2	<2	81	10	6	249	0.38	0.08	1.02	0.88	0.15	0.05	943	1.84	8
R0920511	23775	110	<4	20	<0.4	190	58	<1	5	26	4.27	2	31	<5	<5	69	<2	<2	62	8	6	176	0.30	0.01	1.05	0.79	0.12	0.09	744	1.78	<5
R0920512	23776	180	<4	27	<0.4	602	67	3	17	27	4.76	<2	36	<5	10	102	<2	<2	101	14	7	664	0.62	0.03	1.59	6.70	0.08	0.24	1663	<.05	<5
R0920513	23777	128	<4	46	<0.4	36	250	<1	21	37	6.57	<2	66	<5	<5	229	<2	<2	136	10	7	863	1.49	0.28	2.44	3.59	0.14	0.47	2297	<.05	<5
R0920514	23778	333	<4	35	<0.4	27	114	<1	24	30	5.55	<2	52	<5	<5	186	<2	<2	99	10	9	808	1.15	0.22	1.85	3.45	0.13	0.21	2117	1.64	5
R0920515	23779	428	<4	22	<0.4	93	74	<1	25	9	4.67	4	24	<5	<5	123	<2	<2	60	10	7	316	0.76	0.18	1.50	1.70	0.12	0.16	1300	2.26	13
R0920516	23780	19	<4	54	<0.4	4	158	<1	7	30	2.62	<2	101	<5	<5	65	<2	<2	46	10	13	478	0.62	0.14	1.24	0.72	0.14	0.16	782	<.05	<5
R0920517	23781	417	<4	22	<0.4	67	78	<1	22	7	4.37	3	24	<5	<5	99	<2	<2	61	11	8	328	0.73	0.18	1.50	2.05	0.13	0.17	1266	2.26	8
R0920518	23782	148	<4	24	<0.4	9	50	<1	12	7	4.08	<2	25	<5	<5	113	<2	<2	116	11	6	339	0.85	0.20	1.68	2.28	0.15	0.39	1353	1.66	<5
R0920519	23783	455	<4	24	<0.4	88	49	<1	24	8	5.19	3	18	<5	<5	103	<2	<2	76	10	6	659	0.77	0.12	1.33	2.90	0.13	0.13	1294	2.73	11
R0920520	23784	458	<4	22	<0.4	77	33	<1	24	10	5.04	<2	9	<5	<5	80	<2	<2	91	9	6	498	0.42	0.06	1.24	2.15	0.11	0.10	1369	3.03	7
R0920521	23785	426	<4	29	<0.4	33	50	<1	16	8	4.41	2	15	<5	<5	97	<2	<2	102	10	5	585	0.70	0.06	1.25	3.20	0.12	0.13	1219	2.08	<5
R0920522	23786	335	<4	31	<0.4	17	66	<1	19	12	4.07	<2	23	<5	<5	117	<2	<2	77	7	6	516	0.81	0.08	1.37	3.18	0.12	0.10	1608	1.80	9
R0920523	23787	241	<4	33	<0.4	8	77	<1	15	9	4.62	<2	15	<5	<5	148	<2	<2	85	9	7	459	1.09	0.17	1.88	3.71	0.12	0.15	2184	1.98	8
R0920524	23788	145	<4	34	<0.4	15	77	<1	16	12	4.84	<2	13	<5	<5	148	<2	<2	89	10	8	399	0.96	0.19	1.83	4.09	0.12	0.18	2214	2.18	7

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Acme Job No: V09-0426R

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm	S %	Se ppm
R0920524 rpt		140	<4	33	0.4	12	70	<1	15	11	4.59	<2	10	<5	<5	126	<2	<2	77	8	6	369	0.92	0.11	1.52	3.56	0.12	0.16	2117	2.07	<5
R0920524 rpt		147	<4	32	<0.4	12	78	<1	18	14	4.81	<2	10	<5	<5	143	<2	<2	83	10	7	412	0.95	0.18	1.77	4.27	0.12	0.17	2370	2.19	<5
R0920525	23789	284	<4	34	<0.4	21	76	<1	17	13	4.90	<2	16	<5	<5	153	<2	<2	72	10	8	398	0.98	0.23	2.01	2.97	0.12	0.20	2336	1.80	10
R0920526	23790	326	<4	33	<0.4	10	83	<1	17	9	4.66	<2	11	<5	<5	142	<2	<2	90	10	8	451	0.95	0.18	1.98	3.61	0.12	0.17	1962	1.63	7
R0920527	23791	991	<4	33	<0.4	74	34	<1	35	11	4.88	<2	16	<5	<5	98	<2	<2	103	10	8	330	0.52	0.09	1.39	2.98	0.12	0.14	1216	3.00	15
R0920528	23792	791	<4	29	0.7	39	58	<1	22	9	4.91	<2	11	6	<5	101	2	<2	72	10	6	412	0.69	0.11	1.40	2.32	0.11	0.12	1233	2.36	14
R0920529	23793	378	<4	24	<0.4	6	51	<1	14	7	4.24	<2	18	<5	<5	88	2	<2	135	8	4	367	0.77	0.15	1.49	2.43	0.11	0.16	1206	1.95	10
R0920530	23794	493	<4	27	0.6	23	30	<1	20	9	4.41	<2	8	<5	<5	113	<2	<2	49	10	6	376	0.86	0.07	1.34	3.18	0.10	0.10	1307	1.88	11
R0920531	23794 ACME DUP	511	<4	25	<0.4	24	35	<1	20	10	4.48	<2	16	<5	<5	121	<2	<2	50	12	7	401	0.86	0.10	1.38	3.55	0.10	0.11	1323	1.93	7
R0920532	23795	402	<4	23	0.5	11	47	<1	19	10	4.93	<2	10	<5	<5	108	<2	<2	57	10	6	291	0.83	0.14	1.47	2.53	0.11	0.12	1308	2.42	7
R0920533	23796	391	<4	22	<0.4	12	56	<1	20	11	4.84	<2	17	<5	<5	108	<2	<2	61	10	6	283	0.82	0.14	1.46	2.37	0.12	0.13	1366	2.34	<5
R0920534	23797	360	<4	24	0.8	6	26	<1	20	11	3.82	2	57	<5	<5	167	<2	<2	29	8	4	325	1.21	0.16	1.25	1.92	0.12	0.15	856	1.29	7
R0920535	23798	486	<4	24	<0.4	9	39	<1	26	23	4.81	<2	54	<5	<5	156	<2	<2	30	6	3	324	1.10	0.23	1.29	1.98	0.10	0.13	899	2.29	8
R0920535 rpt		501	<4	25	<0.4	10	39	<1	27	24	4.83	<2	52	<5	<5	155	<2	<2	30	6	3	328	1.11	0.23	1.34	2.02	0.11	0.13	930	2.31	7
R0920536	23799	238	<4	20	<0.4	9	35	<1	17	21	3.82	<2	35	<5	<5	117	<2	<2	55	7	3	290	0.84	0.22	1.33	2.74	0.12	0.09	1161	1.93	5
R0920537	23800	263	<4	23	0.6	9	30	<1	25	21	5.34	<2	41	<5	<5	142	<2	<2	110	6	6	256	0.90	0.27	1.57	2.19	0.13	0.22	1328	2.93	5
R0920538	23801	249	<4	20	<0.4	13	31	<1	21	18	4.03	<2	10	<5	<5	48	<2	<2	48	4	8	169	0.32	0.12	1.25	1.91	0.13	0.06	1211	2.42	5
R0920539	23802	207	<4	15	<0.4	10	45	<1	26	17	4.41	<2	18	<5	<5	51	<2	<2	104	4	5	146	0.29	0.13	1.27	2.06	0.12	0.06	1232	3.09	<5
R0920540	23803	187	<4	18	0.8	<2	20	<1	22	17	3.85	<2	15	<5	<5	44	<2	<2	35	4	4	144	0.31	0.12	1.13	1.63	0.12	0.04	1313	2.48	<5
R0920541	23804	89	<4	40	<0.4	16	104	<1	20	26	4.72	<2	62	<5	<5	175	2	<2	93	5	5	403	0.88	0.25	1.68	2.18	0.14	0.39	1833	1.13	<5
R0920542	23805	76	<4	54	<0.4	2	129	<1	22	35	5.82	<2	63	<5	8	219	<2	<2	116	6	6	503	1.08	0.29	1.92	2.16	0.14	0.57	2129	0.79	<5
R0920543	23806	115	<4	27	<0.4	2	81	<1	19	21	4.13	<2	38	<5	<5	114	<2	<2	78	5	7	239	0.57	0.20	1.40	1.81	0.14	0.17	1606	1.98	9
R0920543 rpt		118	<4	29	<0.4	2	60	<1	19	20	3.96	<2	35	<5	<5	111	<2	<2	73	5	6	235	0.57	0.18	1.32	1.73	0.14	0.16	1611	1.93	<5
R0920544	23807	89	<4	29	<0.4	<2	36	<1	16	19	3.62	<2	25	<5	<5	121	<2	<2	71	4	6	207	0.33	0.14	1.28	1.77	0.17	0.04	1260	1.57	<5
R0920545	23808	88	<4	28	<0.4	<2	37	<1	15	18	3.92	<2	36	<5	<5	154	<2	<2	66	4	6	222	0.30	0.18	1.48	2.13	0.16	0.04	1339	1.37	<5
R0920546	23809	55	<4	26	<0.4	2	38	<1	12	14	3.42	<2	15	<5	<5	135	<2	<2	69	4	5	192	0.29	0.13	1.36	1.92	0.15	0.04	1258	1.11	<5
R0920547	23810	7154	30	130	2.6	25	35	<1	8	21	7.41	7	31	<5	17	48	2	<2	66	4	2	1004	0.87	0.04	0.75	2.06	0.09	0.26	631	2.67	11
R0920548	23811	367	<4	30	<0.4	10	67	<1	23	15	4.90	<2	24	<5	<5	127	<2	<2	100	6	5	260	0.60	0.17	1.66	2.06	0.14	0.12	1436	2.04	6
R0920549	23812	351	<4	26	<0.4	40	59	<1	23	19	4.85	<2	23	<5	<5	118	2	<2	107	6	5	261	0.58	0.15	1.51	2.18	0.14	0.12	1346	2.23	5
R0920550	23813	301	<4	27	<0.4	17	32	<1	19	16	4.06	<2	28	<5	<5	138	<2	<2	55	4	4	194	0.34	0.12	1.38	2.04	0.16	0.06	1202	1.57	6
R0920551	23814	597	<4	42	<0.4	8	42	<1	18	16	3.94	<2	17	<5	<5	141	<2	<2	46	4	5	201	0.38	0.13	1.51	2.06	0.13	0.07	1396	1.36	5
R0920552	23815	110	<4	23	<0.4	4	55	<1	12	12	3.04	<2	25	<5	<5	123	<2	<2	57	4	4	203	0.40	0.14	1.42	1.96	0.15	0.07	1097	0.84	<5
R0920553	23816	830	<4	43	<0.4	5	61	<1	18	16	4.30	<2	22	<5	<5	160	<2	<2	62	6	5	264	0.69	0.26	1.81	2.33	0.14	0.20	1408	1.41	<5
STD: DA		128	211	617	5.8	47	453	3	11	36	3.62	3	35	<5	<5	62	5	2	34	8	15	614	0.52	0.08	1.43	0.42	0.08	0.15	908	0.19	<5
STD: DA		133	211	651	6.7	47	400	3	11	42	3.53	3	38	<5	<5	62	<2	<2	36	8	16	656	0.54	0.08	1.55	0.50	0.08	0.13	1006	0.19	<5
STD: DA		136	222	668	5.8	49	529	4	12	46	3.73	3	39	<5	5	66	<2	<2	40	9	17	697	0.56	0.08	1.60	0.52	0.08	0.13	1050	0.20	<5

I=insufficient sample

If requested analyses are not shown, results are to follow

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Acme Job No: V09-0426R

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm	S %	Se ppm

ANALYTICAL METHODS

GROUP 1AA ICP-AES: 30 element package digested in hot reverse aqua regia (soil, silt) or hot aqua regia (rocks).

Assigned for Assaying

Alice Kwan

Alice Kwan, Chemist - Acme Laboratories

Acme Analytical Laboratories (Vancouver) Ltd.
1486 East Pender Street Vancouver, B.C. Canada V5L 1V8 Phone: (604) 699-4380 Fax: (604) 699-4735

SERENGETI RESOURCES-X09

Ref/I.D.: CHOO 01: 23679-23816
Report date: 25 NOV 2009
Acme Job No: V09-0426R

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram	Cu(A) %	Au(4) g/t
R0920412	ACME PREP BLANK	<10	5		
R0920413	23679	50	5		
R0920414	23680	36	5		
R0920415	23681	52	5		
R0920416	23682	10	5		
R0920417	23683	10	5		
R0920418	23684	10	5		
R0920419	23685	36	5		
R0920420	23686	<10	5		
R0920420 rpt		<10	5		
R0920421	23687	10	5		
R0920422	23688	36	5		
R0920423	23689	<10	5		
R0920424	23690	700	5	0.70	0.740
R0920424 rpt					0.700
R0920425	23691	10	5		
R0920426	23692	10	5		
R0920427	23693	20	5		
R0920428	23694	<10	5		
R0920428 rpt		<10	5		
R0920429	23695	<10	5		
R0920430	23696	<10	5		
R0920431	23697	<10	5		
R0920432	23698	<10	5		
R0920433	23699	<10	5		
R0920434	23700	20	5		
R0920435	23701	<10	5		
R0920436	23702	<10	5		
R0920437	23703	<10	5		
R0920438	23704	10	5		
R0920439	23705	220	5	0.33	0.280
R0920440	23706	20	5		
R0920441	23707	<10	5		
R0920442	23708	<10	5		
R0920443	23709	<10	5		
R0920444	23710	<10	5		

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Acme Job No: V09-0426R

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram	Cu(A) %	Au(4) g/t
R0920445	23711	<10	5		
R0920446	23712	<10	5		
R0920447	23713	<10	5		
R0920448	23714	32	5		
R0920449	23715	<10	5		
R0920450	23716	<10	5		
R0920451	23716 ACME DUP	<10	5		
R0920452	23717	60	5		
R0920452 rpt		56	5		
R0920453	23718	<10	5		
R0920454	23719	<10	5		
R0920455	23720	<10	5		
R0920456	23721	64	5		
R0920457	23722	<10	5		
R0920458	23723	<10	5		
R0920459	23724	<10	5		
R0920459 rpt		<10	5		
R0920460	23725	<10	5		
R0920461	23726	<10	5		
R0920462	23727	<10	5		
R0920463	23728	<10	5		
R0920464	23729	<10	5		
R0920465	23730	40	5		
R0920466	23731	<10	5		
R0920467	23732	<10	5		
R0920468	23733	<10	5		
R0920469	23734	50	5		
R0920470	23735	20	5		
R0920471	23736	20	5		
R0920472	23737	40	5		
R0920473	23738	40	5		
R0920474	23739	160	5		0.180
R0920475	23740	40	5		0.070
R0920476	23741	150	5		0.170
R0920477	23742	52	5		0.060
R0920478	23743	102	5		0.130
R0920478 rpt		90	5		
R0920479	23744	<10	5		
R0920480	23745	60	5		
R0920481	23746	40	5		

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Acme Job No: V09-0426R

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram	Cu(A) %	Au(4) g/t
R0920482	23747	42	5		
R0920483	23748	64	5		
R0920484	23749	120	5		0.130
R0920484 rpt		130	5		
R0920485	23750	600	5	0.70	0.740
R0920486	23751	20	5		
R0920487	23752	42	5		
R0920488	23753	40	5		
R0920489	23754	36	5		
R0920490	23755	40	5		
R0920491	ACME PREP BLANK	20	5		
R0920492	23756	<10	5		
R0920493	23757	10	5		
R0920494	23758	10	5		
R0920495	23759	20	5		
R0920496	23760	<10	5		
R0920497	23761	24	5		
R0920498	23762	<10	5		
R0920499	23763	20	5		
R0920500	23764	10	5		
R0920501	23765	240	5	0.33	0.300
R0920501 rpt				0.33	
R0920502	23766	24	5		
R0920502 rpt		20	5		
R0920503	23767	20	5		
R0920504	23768	10	5		
R0920505	23769	10	5		
R0920506	23770	10	5		
R0920507	23771	<10	5		
R0920508	23772	20	5		
R0920509	23773	<10	5		
R0920510	23774	10	5		
R0920510 rpt		10	5		
R0920511	23775	20	5		
R0920512	23776	<10	5		
R0920513	23777	<10	5		
R0920514	23778	<10	5		
R0920515	23779	<10	5		
R0920516	23780	<10	5		
R0920517	23781	<10	5		

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Acme Job No: **V09-0426R**

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram	Cu(A) %	Au(4) g/t
R0920518	23782	<10	5		
R0920519	23783	<10	5		
R0920520	23784	<10	5		
R0920520 rpt		<10	5		
R0920521	23785	<10	5		
R0920522	23786	<10	5		
R0920523	23787	20	5		
R0920524	23788	<10	5		
R0920525	23789	<10	5		
R0920526	23790	<10	5		
R0920527	23791	<10	5		
R0920528	23792	<10	5		
R0920529	23793	<10	5		
R0920530	23794	<10	5		
R0920531	23794 ACME DUP	<10	5		
R0920532	23795	<10	5		
R0920533	23796	<10	5		
R0920533 rpt		<10	5		
R0920534	23797	<10	5		
R0920535	23798	<10	5		
R0920536	23799	<10	5		
R0920537	23800	<10	5		
R0920538	23801	<10	5		
R0920539	23802	<10	5		
R0920540	23803	<10	5		
R0920541	23804	<10	5		
R0920542	23805	<10	5		
R0920543	23806	20	5		
R0920544	23807	10	5		
R0920545	23808	<10	5		
R0920546	23809	<10	5		
R0920547	23810	700	5	0.70	0.780
R0920548	23811	<10	5		
R0920549	23812	<10	5		
R0920550	23813	<10	5		
R0920551	23814	<10	5		
R0920552	23815	<10	5		
R0920553	23816	40	5		
STD: ND6		540	5		
STD: ND6		620	5		

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Acme Job No: V09-0426R

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram	Cu(A) %	Au(4) g/t
STD: ND6		570	5		
STD: ND6		510	5		
STD: ND6		550	5		
STD: CDN-HLLC				1.45	
STD: HV-1				0.53	
STD: OXH55					1.360
STD: OXH69					3.760
Blank				<0.01	<0.01

I=insufficient sample
If requested analyses are not shown, results are to follow

ANALYTICAL METHODS

Au Aqua regia decomposition / solvent extraction / AAS
Wt Au The weight of sample taken to analyse for gold (geochem)
Cu(A) Assay
Au(4) Fire Assay-Lead Collection/AA Finish (low level) 1 A.T.

Alice Kwan, Chemist - Acme Laboratories

BRITISH COLUMBIA CERTIFIED ASSAYER
KEN KWOK
SENIOR RESEARCH CHEMIST

Assigned for Assaying

Acme Analytical Laboratories (Vancouver) Ltd.
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SERENGETI RESOURCES-X09

Ref/I.D.: CHOO 02: 23817-23916
Report date: 16 NOV 2009
Acme Job No: V09-0427R

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm	S %	Se ppm
R0920554	ACME PREP BLANK	18	4	54	<0.4	<2	200	<1	4	7	2.21	2	101	<5	<5	45	<2	<2	72	8	17	650	0.59	0.17	1.15	0.71	0.17	0.53	949	0.02	<5
R0920555	23817	296	<4	60	<0.4	47	117	<1	21	18	4.86	<2	17	<5	<5	169	<2	<2	155	10	6	779	1.37	0.32	2.05	3.58	0.12	0.40	1878	0.92	<5
R0920556	23818	77	<4	77	<0.4	16	129	<1	29	38	5.32	<2	71	<5	<5	181	<2	<2	126	5	5	863	2.10	0.32	2.25	2.60	0.16	0.72	1410	0.67	<5
R0920557	23819	228	<4	75	<0.4	21	128	<1	40	35	7.25	<2	45	<5	5	182	<2	<2	40	6	6	763	1.62	0.32	2.06	2.24	0.11	0.65	1759	1.73	<5
R0920557 rpt		225	<4	70	<0.4	16	118	<1	35	32	6.57	<2	40	<5	<5	181	<2	<2	38	5	4	722	1.60	0.28	1.88	1.93	0.10	0.66	1520	1.58	<5
R0920558	23820	176	<4	68	<0.4	6	162	<1	34	27	5.72	<2	34	<5	<5	198	<2	<2	72	8	6	796	1.52	0.36	2.23	2.87	0.11	0.67	1867	0.99	<5
R0920559	23821	44	<4	60	<0.4	6	137	<1	18	28	4.49	<2	41	<5	<5	187	<2	<2	46	6	6	761	1.52	0.33	2.12	2.55	0.14	0.61	1690	0.24	<5
R0920560	23822	116	<4	83	<0.4	15	178	<1	30	30	4.67	<2	38	<5	<5	180	<2	<2	95	6	5	732	1.48	0.31	1.96	2.32	0.11	0.74	1570	0.61	<5
R0920561	23823	142	4	61	<0.4	8	131	<1	30	34	4.85	<2	40	<5	5	187	2	<2	74	5	5	679	1.34	0.34	2.17	2.85	0.13	0.52	1722	0.73	<5
R0920562	23824	256	<4	68	<0.4	11	119	<1	43	34	6.40	<2	47	<5	<5	192	<2	<2	40	7	6	699	1.43	0.34	1.98	1.92	0.11	0.77	1746	1.46	<5
R0920563	23825	3420	107	414	2.8	64	111	2	17	191	5.22	48	99	<5	<5	73	3	<2	43	9	7	848	0.94	0.17	1.86	0.96	0.11	0.16	757	0.88	5
R0920564	23826	317	<4	51	<0.4	26	53	<1	35	14	4.15	<2	15	<5	5	92	<2	<2	39	12	10	466	0.76	0.26	1.84	2.96	0.10	0.14	2395	1.33	<5
R0920565	23827	340	<4	58	0.5	20	57	<1	34	16	4.36	<2	17	<5	<5	108	<2	<2	44	13	10	525	0.82	0.30	1.94	3.07	0.10	0.14	2304	1.28	<5
R0920565 rpt		328	<4	54	<0.4	16	48	<1	31	14	4.09	<2	9	<5	<5	86	<2	<2	35	10	8	447	0.78	0.17	1.72	2.11	0.10	0.13	2099	1.22	5
R0920566	23828	368	<4	57	<0.4	16	86	<1	40	27	4.77	<2	32	<5	<5	136	<2	<2	64	10	8	609	0.96	0.29	2.01	3.19	0.11	0.27	2127	1.35	5
R0920567	23829	294	<4	70	<0.4	43	95	<1	47	20	5.58	<2	26	<5	6	151	<2	<2	61	10	10	631	1.06	0.34	2.12	3.35	0.12	0.32	2683	1.57	<5
R0920568	23830	99	<4	82	<0.4	5	161	<1	22	37	5.21	<2	63	<5	<5	186	<2	<2	57	7	6	751	1.47	0.36	2.31	2.74	0.11	0.63	1876	0.54	<5
R0920569	23831	59	<4	79	<0.4	4	197	<1	22	59	4.71	<2	95	<5	<5	172	<2	<2	85	4	5	712	1.61	0.32	2.28	2.38	0.16	0.78	1671	0.33	<5
R0920570	23832	120	<4	56	<0.4	8	141	<1	20	31	4.38	<2	58	<5	<5	164	<2	<2	40	5	5	624	1.42	0.27	1.80	1.70	0.10	0.61	1493	0.60	<5
R0920571	23833	24	<4	74	<0.4	8	173	<1	13	48	4.65	<2	104	<5	<5	186	<2	<2	87	4	4	833	2.08	0.32	2.35	2.62	0.13	0.66	1286	0.13	<5
R0920572	23834	54	<4	75	<0.4	12	220	<1	18	59	4.54	<2	125	<5	<5	180	<2	<2	49	4	5	709	1.78	0.33	2.25	2.20	0.13	0.91	1433	0.31	<5
R0920573	23835	201	<4	76	<0.4	39	126	<1	37	53	6.09	<2	95	<5	5	195	<2	<2	53	6	4	823	1.86	0.33	2.39	3.08	0.11	0.49	1365	1.10	<5
R0920573 rpt		202	<4	74	<0.4	41	121	<1	36	53	5.80	<2	92	<5	<5	180	2	<2	45	4	4	777	1.82	0.29	2.20	2.49	0.11	0.47	1368	1.08	7
R0920574	23836	153	<4	77	<0.4	16	167	<1	32	29	5.76	<2	23	<5	<5	231	<2	<2	94	4	4	702	1.64	0.44	2.45	2.47	0.14	0.90	1347	0.91	<5
R0920575	23837	44	<4	89	<0.4	6	229	<1	20	50	5.00	<2	76	<5	<5	180	<2	<2	59	4	4	699	1.95	0.30	2.44	1.92	0.17	1.17	1216	0.29	<5
R0920576	23838	203	<4	62	<0.4	14	92	<1	35	32	4.76	<2	34	<5	<5	142	<2	<2	41	6	8	520	1.04	0.27	1.98	2.39	0.11	0.40	2222	1.24	5
R0920577	23839	91	<4	71	<0.4	8	54	<1	19	37	3.93	<2	53	<5	<5	143	<2	4	39	4	4	571	1.00	0.26	2.29	3.07	0.14	0.22	1520	0.58	<5
R0920578	23840	21	<4	54	<0.4	2	167	<1	7	31	2.54	<2	80	<5	<5	55	<2	<2	43	9	13	468	0.60	0.12	1.17	0.60	0.12	0.15	723	0.02	<5
R0920579	23841	236	<4	64	<0.4	32	74	<1	35	57	5.74	<2	53	<5	<5	148	<2	<2	54	5	4	634	0.98	0.21	2.29	3.15	0.14	0.29	1518	1.79	5
R0920580	23842	62	6	84	0.5	8	111	<1	17	36	3.88	<2	53	<5	<5	138	<2	<2	33	4	5	627	1.23	0.25	1.87	1.76	0.11	0.46	1547	0.51	<5
R0920581	23843	89	4	79	0.5	15	90	<1	21	44	4.10	<2	79	<5	<5	156	<2	<2	40	5	5	713	1.43	0.29	2.12	2.48	0.15	0.39	1510	0.71	<5
R0920582	23844	102	<4	77	<0.4	22	119	<1	23	34	4.57	<2	58	<5	<5	154	<2	<2	45	5	5	759	1.44	0.28	2.14	2.84	0.13	0.51	1454	1.17	<5
R0920583	23845	180	7	81	<0.4	45	55	<1	28	11	5.55	<2	4	<5	<5	158	<2	<2	48	12	9	632	1.01	0.26	2.14	3.62	0.10	0.17	2424	2.18	<5
R0920584	23846	202	8	83	0.5	64	54	<1	28	13	6.05	<2	<4	<5	<5	160	<2	<2	44	11	9	629	1.06	0.26	2.23	3.68	0.09	0.14	2478	2.58	<5
R0920585	23847	140	<4	69	<0.4	21	70	<1	29	55	4.82	<2	100	<5	<5	133	<2	<2	63	4	4	482	1.39	0.25	2.10	2.36	0.18	0.42	1626	1.73	<5
R0920586	23848	117	<4	92	<0.4	22	85	<1	32	71	5.44	<2	153	<5	<5	152	<2	<2	43	4	6	574	1.75	0.30	1.79	1.72	0.09	0.61	1933	1.55	<5
R0920587	23849	109	<4	83	<0.4	16	120	<1	26	60	4.76	<2	140	<5	<5	162	<2	<2	49	5	6	555	1.73	0.31	1.76	1.69	0.11	0.92	1740	1.04	<5

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Acme Job No: V09-0427R

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm	S %	Se ppm
R0920588	23850	22	<4	96	<0.4	45	37	<1	17	38	4.43	<2	78	<5	<5	144	<2	<2	79	10	5	1235	1.69	0.03	1.34	5.76	0.06	0.12	1652	0.14	<5
R0920589	23851	98	<4	81	<0.4	3	82	<1	22	39	5.07	<2	86	<5	<5	173	<2	<2	62	6	6	803	1.60	0.25	1.89	2.93	0.10	0.35	1744	0.25	<5
R0920590	23852	120	<4	71	<0.4	3	107	<1	24	40	5.33	<2	89	<5	<5	185	<2	<2	59	7	8	712	1.70	0.23	1.68	2.00	0.10	0.54	2026	0.21	<5
R0920591	23853	67	4	83	<0.4	10	88	<1	19	53	3.96	<2	124	<5	5	157	<2	<2	50	4	4	710	2.19	0.26	1.93	2.07	0.10	0.42	1594	0.35	<5
R0920592	23854	68	<4	73	<0.4	12	89	<1	18	41	3.46	2	98	<5	<5	144	<2	<2	34	3	4	497	1.65	0.26	1.84	1.72	0.11	0.45	1625	0.62	5
R0920593	23854 ACME DUP	74	<4	68	<0.4	11	89	<1	19	40	3.40	<2	102	<5	<5	146	<2	<2	35	3	3	499	1.61	0.27	1.89	1.87	0.10	0.44	1548	0.65	<5
R0920594	23855	68	4	67	<0.4	17	62	<1	20	43	3.14	<2	91	<5	<5	135	<2	<2	33	3	4	453	1.55	0.27	1.80	1.82	0.11	0.32	1626	0.61	<5
R0920594 rpt		63	4	64	<0.4	17	60	<1	20	44	3.16	<2	87	<5	<5	128	<2	<2	31	3	3	436	1.47	0.25	1.80	1.72	0.11	0.30	1651	0.62	<5
R0920595	23856	77	<4	65	<0.4	15	73	<1	22	45	3.51	<2	96	<5	<5	139	<2	<2	36	3	4	464	1.60	0.28	1.86	1.80	0.11	0.39	1692	0.70	<5
R0920596	23857	120	<4	84	<0.4	13	106	<1	29	54	4.57	<2	112	<5	<5	178	<2	<2	41	4	4	575	1.91	0.31	2.07	1.89	0.12	0.67	1373	0.96	5
R0920597	23858	73	<4	89	<0.4	9	77	<1	22	34	4.26	<2	47	<5	7	168	<2	<2	41	5	6	583	1.61	0.27	2.31	2.67	0.11	0.30	1694	0.56	5
R0920598	23859	121	8	89	<0.4	18	70	<1	26	29	4.25	<2	30	<5	<5	155	<2	<2	43	5	6	540	1.29	0.23	2.29	2.71	0.11	0.25	1706	0.92	<5
R0920599	23860	236	4	92	<0.4	172	130	<1	49	54	6.93	<2	105	<5	<5	197	<2	<2	75	7	5	829	1.68	0.26	2.07	3.71	0.12	0.75	1623	1.85	9
R0920600	23861	196	7	110	<0.4	282	30	<1	42	39	5.82	2	45	8	<5	93	<2	<2	62	9	5	1009	0.94	<.01	0.99	4.34	0.06	0.15	1699	1.90	5
R0920601	23862	340	10	88	<0.4	153	60	<1	57	46	6.89	<2	34	<5	<5	95	<2	<2	73	7	6	1141	1.21	0.08	1.50	3.15	0.12	0.41	1490	2.88	7
R0920602	23863	178	5	62	<0.4	14	40	<1	31	33	4.17	<2	44	<5	<5	100	<2	<2	63	6	6	795	0.91	0.12	1.71	4.12	0.10	0.16	1997	1.41	5
R0920603	23864	184	<4	71	<0.4	10	95	<1	34	56	4.74	<2	121	<5	<5	147	<2	<2	29	2	6	530	1.63	0.32	1.66	1.33	0.12	0.73	1475	1.44	8
R0920604	23865	184	5	92	<0.4	20	116	<1	35	61	5.44	<2	138	<5	<5	178	<2	<2	49	4	4	759	1.78	0.31	1.86	2.88	0.12	0.57	1488	1.55	<5
R0920605	23866	153	7	84	0.6	6	114	<1	26	60	4.11	<2	117	<5	<5	149	<2	<2	42	3	4	557	1.57	0.29	1.79	2.22	0.12	0.55	1384	1.22	<5
R0920606	23867	162	<4	76	<0.4	7	126	<1	27	60	4.44	<2	103	<5	5	153	<2	<2	79	2	5	505	1.42	0.33	1.95	2.03	0.19	0.59	1483	1.19	5
R0920607	23868	148	<4	74	<0.4	5	94	<1	27	51	4.24	<2	89	<5	<5	128	<2	<2	60	3	5	528	1.26	0.27	1.82	2.45	0.15	0.43	1555	1.13	5
R0920608	23869	196	<4	69	<0.4	7	66	<1	35	55	4.73	2	85	<5	<5	121	<2	<2	51	2	4	529	1.27	0.28	1.72	1.87	0.14	0.37	1436	1.61	5
R0920609	23870	7278	30	138	1.7	27	23	<1	8	21	7.32	7	30	<5	9	44	5	<2	56	4	3	966	0.85	0.03	0.83	2.01	0.09	0.23	713	2.78	10
R0920610	23871	156	7	74	<0.4	10	81	<1	28	65	4.23	<2	94	<5	<5	130	<2	<2	63	4	5	660	1.35	0.22	2.05	2.93	0.13	0.35	1908	0.93	<5
R0920611	23872	278	<4	78	<0.4	15	63	<1	45	73	6.29	<2	114	<5	<5	162	<2	<2	62	4	5	695	1.64	0.22	1.77	2.87	0.10	0.34	1773	1.67	5
R0920611 rpt		291	<4	76	<0.4	14	62	<1	44	74	6.11	<2	122	<5	<5	165	<2	<2	57	5	5	726	1.66	0.25	2.01	3.13	0.09	0.31	1898	1.67	5
R0920612	23873	206	<4	75	0.7	11	129	<1	34	54	4.87	<2	96	<5	<5	144	<2	<2	81	3	5	664	1.49	0.28	1.92	2.66	0.19	0.69	1512	1.57	6
R0920613	23874	260	<4	70	0.5	33	88	<1	42	51	5.68	<2	83	<5	<5	157	<2	<2	111	3	4	640	1.52	0.29	1.99	2.42	0.26	0.55	1602	2.08	<5
R0920614	23875	133	<4	76	<0.4	7	123	<1	26	51	4.01	<2	100	<5	<5	136	<2	<2	60	3	4	483	1.26	0.28	2.12	2.17	0.15	0.52	1589	0.87	<5
R0920615	23876	115	<4	84	<0.4	12	145	<1	25	58	3.87	<2	80	<5	<5	133	<2	<2	96	3	4	451	1.15	0.28	2.20	2.38	0.17	0.52	1573	0.75	<5
R0920616	23877	93	5	88	0.7	8	161	<1	22	54	3.60	<2	74	<5	<5	126	<2	<2	122	3	4	391	1.09	0.27	2.18	2.24	0.20	0.48	1542	0.62	<5
R0920617	23878	92	<4	77	<0.4	7	126	<1	22	52	3.39	<2	65	<5	7	114	<2	<2	84	2	5	361	1.04	0.26	1.99	2.29	0.18	0.42	1482	0.61	<5
R0920618	23879	84	<4	82	<0.4	7	144	<1	18	48	3.19	<2	74	<5	<5	121	<2	<2	89	2	4	346	1.15	0.26	2.03	2.18	0.17	0.48	1440	0.51	<5
R0920619	23880	118	6	84	0.6	9	132	<1	22	55	3.55	<2	75	<5	<5	121	<2	<2	75	3	3	440	1.13	0.25	2.17	2.53	0.16	0.34	1510	0.70	<5
R0920620	23881	135	6	92	<0.4	10	118	<1	27	55	3.77	<2	72	<5	<5	119	<2	<2	58	3	4	380	1.14	0.25	2.05	2.03	0.15	0.36	1611	0.85	<5
R0920621	23882	87	<4	73	<0.4	23	160	<1	18	50	3.35	<2	54	<5	<5	98	<2	<2	136	2	3	669	1.24	0.21	1.95	3.48	0.23	0.31	1383	0.81	<5
R0920622	23883	78	5	94	<0.4	14	170	<1	14	46	3.19	<2	60	<5	<5	114	<2	<2	108	3	4	574	1.19	0.24	2.05	3.04	0.23	0.34	1382	0.47	<5
R0920623	23884	110	7	91	<0.4	9	197	<1	19	49	3.32	<2	58	<5	<5	112	<2	<2	134	3	4	393	1.03	0.26	2.13	2.24	0.21	0.40	1551	0.63	<5
R0920624	23885	3501	98	396	2.9	61	101	1	15	178	4.84	45	91	<5	<5	69	4	9	36	9	8	798	0.94	0.16	2.00	0.88	0.11	0.15	752	0.85	5
R0920625	23886	136	7	95	<0.4	13	196	<1	25	56	3.89	<2	66	<5	<5	120	<2	<2	229	2	5	447	1.12	0.27	2.31	2.07	0.29	0.52	1573	0.88	<5
R0920626	23887	201	11	91	<0.4	12	113	<1	25	26	4.52	<2	23	<5	<5	142	<2	<2	118	8	6	442	0.93	0.31	2.28	2.61	0.32	0.28	1988	1.45	<5

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Acme Job No: V09-0427R

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm	S %	Se ppm
R0920627	23888	218	6	51	<0.4	17	59	<1	34	57	4.48	<2	96	<5	5	135	<2	<2	64	3	3	378	1.40	0.29	1.90	1.61	0.17	0.52	1744	1.97	<5
R0920628	23889	204	5	54	0.6	15	95	<1	34	53	4.34	<2	74	<5	<5	123	<2	<2	118	4	3	479	1.17	0.23	2.31	2.97	0.30	0.35	1738	1.85	5
R0920628 rpt		195	5	54	<0.4	15	101	<1	34	56	4.28	<2	69	<5	<5	113	<2	<2	115	3	3	445	1.11	0.19	2.10	2.60	0.29	0.35	1700	1.85	5
R0920629	23890	170	<4	64	<0.4	10	66	<1	33	54	4.53	<2	97	<5	<5	145	<2	<2	55	3	4	369	1.35	0.32	1.90	1.48	0.16	0.64	1734	1.52	<5
R0920630	23891	227	5	70	<0.4	9	55	<1	40	57	4.86	<2	75	<5	<5	129	<2	<2	42	3	3	372	1.16	0.26	2.04	1.81	0.14	0.44	1715	1.97	<5
R0920631	23892	165	5	68	<0.4	13	65	<1	35	61	4.56	<2	81	<5	<5	136	<2	<2	43	2	4	376	1.33	0.26	1.82	1.13	0.16	0.65	1732	1.71	5
R0920632	23893	84	<4	64	<0.4	37	116	<1	21	43	3.89	<2	66	<5	<5	117	<2	<2	82	3	3	478	1.29	0.19	1.92	2.91	0.16	0.38	1788	1.09	<5
R0920633	ACME PREP BLANK	3	<4	51	<0.4	<2	188	<1	3	8	2.04	<2	84	<5	<5	42	<2	<2	58	7	13	607	0.55	0.15	1.19	0.61	0.14	0.45	919	0.01	<5
R0920634	23894	150	<4	62	<0.4	20	80	<1	31	47	4.56	<2	85	<5	<5	142	<2	<2	129	3	3	558	1.51	0.28	2.04	2.55	0.25	0.66	1677	1.56	<5
R0920635	23895	162	<4	64	<0.4	32	120	<1	33	51	4.53	<2	80	<5	<5	136	<2	<2	69	4	4	549	1.50	0.26	1.86	2.72	0.15	0.56	1734	1.65	<5
R0920636	23896	125	<4	86	<0.4	31	147	<1	28	50	4.22	<2	82	<5	<5	139	<2	<2	68	3	4	437	1.69	0.25	2.17	2.47	0.15	0.53	1886	1.13	<5
R0920637	23897	133	<4	66	<0.4	12	139	<1	28	49	4.12	<2	70	<5	<5	122	<2	<2	72	<2	3	365	1.50	0.25	2.35	2.06	0.18	0.62	1892	1.14	<5
R0920637 rpt		133	<4	64	<0.4	12	133	<1	27	48	3.93	<2	71	<5	<5	119	<2	2	69	<2	3	356	1.45	0.24	2.27	1.97	0.18	0.61	1849	1.12	<5
R0920638	23898	191	<4	53	<0.4	11	48	<1	37	60	4.57	<2	81	<5	<5	140	<2	<2	36	2	3	319	1.37	0.30	1.71	0.95	0.14	0.78	1729	1.73	<5
R0920639	23899	156	<4	57	<0.4	20	98	<1	31	45	4.19	<2	67	<5	<5	131	<2	<2	63	4	4	427	1.31	0.26	1.89	1.65	0.18	0.52	1858	1.47	<5
R0920640	23900	22	<4	57	<0.4	3	135	<1	8	35	2.55	<2	96	<5	<5	55	<2	2	33	10	12	420	0.64	0.12	1.29	0.64	0.15	0.13	844	0.03	<5
R0920641	23901	226	9	79	<0.4	18	63	<1	33	17	4.61	<2	7	<5	<5	123	<2	<2	101	7	4	535	1.10	0.15	1.90	2.70	0.14	0.15	2093	1.75	<5
R0920642	23902	196	10	78	<0.4	20	57	<1	32	15	4.88	<2	14	<5	<5	133	<2	<2	90	8	6	456	0.93	0.18	1.94	2.27	0.15	0.16	2181	1.87	<5
R0920643	23903	191	10	88	<0.4	7	61	<1	31	19	5.09	<2	12	<5	<5	143	<2	<2	76	8	5	393	0.87	0.23	2.19	2.38	0.15	0.16	2365	1.94	<5
R0920644	23904	180	9	92	0.5	9	94	<1	30	16	5.37	<2	16	<5	<5	164	<2	<2	57	8	7	442	0.93	0.30	2.33	2.58	0.13	0.26	2364	1.76	<5
R0920645	23905	208	7	71	<0.4	9	89	<1	29	15	4.84	<2	11	<5	<5	158	<2	<2	75	8	7	428	0.96	0.30	2.37	2.72	0.15	0.23	2209	1.69	<5
R0920646	23906	116	<4	56	<0.4	11	70	<1	21	48	3.45	<2	72	<5	<5	106	<2	<2	76	3	4	384	1.02	0.23	2.09	2.52	0.17	0.17	1723	0.95	<5
R0920646 rpt		113	4	55	<0.4	9	70	<1	21	50	3.42	<2	66	<5	<5	103	<2	<2	74	3	4	378	0.99	0.22	1.99	2.47	0.17	0.17	1712	0.97	<5
R0920647	23907	115	<4	63	<0.4	14	119	<1	22	46	3.70	<2	74	<5	<5	119	<2	<2	82	3	5	464	1.19	0.25	2.10	2.20	0.28	0.35	1635	0.92	<5
R0920648	23908	85	6	92	<0.4	8	144	<1	14	29	3.56	<2	69	<5	<5	146	<2	<2	65	5	5	572	1.30	0.27	2.17	2.09	0.17	0.58	1863	0.47	<5
R0920649	23909	117	17	107	<0.4	9	110	<1	20	28	3.53	<2	23	<5	<5	134	<2	<2	76	5	5	652	0.93	0.23	2.08	2.31	0.20	0.31	1996	0.40	<5
R0920650	23910	56	14	163	<0.4	18	88	<1	14	27	2.98	<2	46	<5	<5	137	<2	<2	54	5	6	679	1.09	0.27	2.18	2.87	0.14	0.27	1825	0.34	<5
R0920651	23911	30	<4	84	<0.4	90	161	<1	15	61	2.05	<2	103	<5	6	80	<2	<2	65	<2	3	364	0.97	0.21	1.75	1.24	0.22	0.50	1274	0.15	<5
R0920652	23912	132	12	148	<0.4	73	193	<1	23	96	4.94	<2	200	<5	<5	200	<2	<2	26	6	6	782	1.56	0.46	1.97	1.11	0.11	1.02	1517	0.83	<5
R0920653	23913	81	<4	107	<0.4	27	394	<1	19	57	4.49	<2	134	<5	<5	180	<2	<2	79	5	5	757	1.44	0.43	2.07	1.67	0.13	0.66	1285	0.35	<5
R0920654	23914	103	17	137	<0.4	18	111	<1	18	42	2.66	<2	102	<5	<5	110	<2	<2	26	5	5	416	0.55	0.22	1.52	1.27	0.12	0.23	841	0.46	<5
R0920655	23915	46	4	99	<0.4	4	165	<1	14	34	3.39	<2	113	<5	<5	139	<2	<2	24	5	5	469	0.80	0.32	1.77	1.01	0.12	0.46	771	0.32	<5
R0920656	23916	50	6	104	<0.4	5	179	<1	16	37	3.74	<2	124	<5	<5	155	<2	<2	26	6	5	512	0.90	0.36	1.82	1.15	0.12	0.53	854	0.36	<5
STD: DA		131	233	695	4.8	50	455	4	13	47	3.75	3	42	<5	<5	67	2	<2	38	9	16	712	0.55	0.09	1.63	0.56	0.08	0.12	1123	0.21	<5
STD: DA		135	222	670	5.6	47	292	4	12	43	3.55	3	35	<5	<5	61	<2	<2	35	8	15	664	0.54	0.07	1.63	0.50	0.09	0.12	1068	0.20	5
STD: DA		143	221	680	5.1	49	381	3	12	44	3.64	3	38	<5	<5	63	2	<2	32	9	16	685	0.56	0.09	1.81	0.52	0.08	0.12	1138	0.20	<5

I=insufficient sample

If requested analyses are not shown, results are to follow

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Acme Job No: V09-0427R

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	As	Ba	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	P	S	Se
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	ppm	%	ppm

ANALYTICAL METHODS

GROUP 1AA ICP-AES: 30 element package digested in hot reverse aqua regia (soil, silt) or hot aqua regia (rocks).

Assigned for Assaying

Alice Kwan

Alice Kwan, Chemist - Acme Laboratories

Acme Analytical Laboratories (Vancouver) Ltd.
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SERENGETI RESOURCES-X09

Ref/I.D.: CHOO 02: 23817-23916
Report date: 15 DEC 2009
Acme Job No: V09-0427R

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram	Cu(A) %	Au(4) g/t
R0920554	ACME PREP BLANK	<10	5		
R0920555	23817	<10	5		
R0920556	23818	<10	5		
R0920557	23819	<10	5		
R0920558	23820	<10	5		
R0920559	23821	<10	5		
R0920559 rpt		<10	5		
R0920560	23822	<10	5		
R0920561	23823	<10	5		
R0920562	23824	<10	5		
R0920563	23825	380	5	0.33	0.330
R0920564	23826	<10	5		
R0920565	23827	<10	5		
R0920566	23828	<10	5		
R0920567	23829	<10	5		
R0920568	23830	<10	5		
R0920568 rpt		<10	5		
R0920569	23831	<10	5		
R0920570	23832	<10	5		
R0920571	23833	<10	5		
R0920572	23834	<10	5		
R0920573	23835	<10	5		
R0920574	23836	<10	5		
R0920575	23837	<10	5		
R0920576	23838	<10	5		
R0920577	23839	<10	5		
R0920578	23840	<10	5		
R0920579	23841	<10	5		
R0920580	23842	<10	5		
R0920581	23843	<10	5		
R0920582	23844	<10	5		
R0920583	23845	<10	5		
R0920584	23846	<10	5		
R0920585	23847	<10	5		
R0920586	23848	<10	5		
R0920586 rpt		<10	5		

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Acme Job No: V09-0427R

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram	Cu(A) %	Au(4) g/t
R0920587	23849	<10	5		
R0920588	23850	<10	5		
R0920589	23851	<10	5		
R0920590	23852	<10	5		
R0920591	23853	<10	5		
R0920592	23854	<10	5		
R0920593	23854 ACME DUP	<10	5		
R0920594	23855	<10	5		
R0920595	23856	<10	5		
R0920596	23857	<10	5		
R0920597	23858	<10	5		
R0920598	23859	<10	5		
R0920599	23860	<10	5		
R0920599 rpt		<10	5		
R0920600	23861	<10	5		
R0920601	23862	<10	5		
R0920602	23863	<10	5		
R0920603	23864	<10	5		
R0920604	23865	<10	5		
R0920605	23866	<10	5		
R0920606	23867	<10	5		
R0920607	23868	<10	5		
R0920608	23869	<10	5		
R0920609	23870	700	5	0.69	0.760
R0920610	23871	<10	5		
R0920611	23872	<10	5		
R0920612	23873	<10	5		
R0920613	23874	<10	5		
R0920614	23875	<10	5		
R0920615	23876	<10	5		
R0920616	23877	<10	5		
R0920617	23878	<10	5		
R0920618	23879	<10	5		
R0920619	23880	<10	5		
R0920620	23881	<10	5		
R0920621	23882	<10	5		
R0920621 rpt		<10	5		
R0920622	23883	<10	5		
R0920623	23884	<10	5		
R0920624	23885	280	5	0.33	0.310

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Acme Job No: **V09-0427R**

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram	Cu(A) %	Au(4) g/t
R0920625	23886	<10	5		
R0920626	23887	<10	5		
R0920627	23888	<10	5		
R0920628	23889	<10	5		
R0920628 rpt		<10	5		
R0920629	23890	<10	5		
R0920630	23891	10	5		
R0920631	23892	10	5		
R0920632	23893	<10	5		
R0920633	ACME PREP BLANK	<10	5		
R0920634	23894	<10	5		
R0920635	23895	<10	5		
R0920636	23896	<10	5		
R0920637	23897	<10	5		
R0920638	23898	<10	5		
R0920639	23899	<10	5		
R0920639 rpt		<10	5		
R0920640	23900	<10	5		
R0920641	23901	<10	5		
R0920642	23902	<10	5		
R0920643	23903	<10	5		
R0920644	23904	<10	5		
R0920645	23905	<10	5		
R0920646	23906	<10	5		
R0920647	23907	<10	5		
R0920648	23908	<10	5		
R0920649	23909	<10	5		
R0920649 rpt		<10	5		
R0920650	23910	<10	5		
R0920651	23911	<10	5		
R0920652	23912	<10	5		
R0920653	23913	<10	5		
R0920654	23914	<10	5		
R0920655	23915	<10	5		
R0920656	23916	<10	5		
STD: CDN-HLLC				1.45	
STD: HV-1				0.53	
STD: ND6		510	5		
STD: ND6		510	5		
STD: ND6		500	5		

Acme Analytical Laboratories (Vancouver) Ltd.
1486 East Pender Street Vancouver, B.C. Canada V5L 1V8 Phone: (604) 699-4380 Fax: (604) 699-4735

Acme Job No: V09-0427R

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram	Cu(A) %	Au(4) g/t
STD: ND6		640	5		
STD: OXH55					1.320
STD: OXH55					1.360
STD: OXK69					3.730
Blank		<10	5	<0.01	
Blank					<0.01
Blank					<0.01
Blank					<0.01

I=insufficient sample
If requested analyses are not shown, results are to follow

ANALYTICAL METHODS

Au Aqua regia decomposition / solvent extraction / AAS
Wt Au The weight of sample taken to analyse for gold (geochem)
Cu(A) Assay
Au(4) Fire Assay-Lead Collection/AA Finish (low level) 1 A.T.

Alice Kwan, Chemist - Acme Laboratories

BRITISH COLUMBIA CERTIFIED ASSAYER
KEN KWOK
SENIOR RESEARCH CHEMIST

Assigned for Assaying

Acme Analytical Laboratories (Vancouver) Ltd.
1486 East Pender Street Vancouver, B.C. Canada V5L 1V8 Phone: (604) 699-4380 Fax: (604) 699-4735

Certificate of Analysis

Work Order: TO106640

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

Date: Jul 29, 2009

P.O. No.	:	
Project No.	:	DEFAULT
No. Of Samples		55
Date Submitted		Jul 06, 2009
Report Comprises		Pages 1 to 3 (Inclusive of Cover Sheet)

Distribution of unused material:

Discard after 90 days: 55 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
n.a. = Not applicable
I.S. = Insufficient Sample
-- = 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

SGS

Final : TO106640 Order:

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
ML-M-L4500N-0E	35	10	0.3	13	820	10	60	310
*Rep ML-M-L4500N-0E	36	10	0.4	14	820	8	60	310
ML-M-L4500N-100E	14	<10	0.2	5	370	8	60	50
ML-M-L4500N-200E	23	<10	0.3	11	380	7	60	140
ML-M-L4500N-300E	18	<10	0.5	9	350	8	80	380
ML-M-L4500N-400E	43	<10	0.4	3	580	23	60	30
ML-M-L4500N-500E	36	<10	0.1	5	350	16	110	160
ML-M-L4500N-600E	10	<10	<0.1	10	400	<5	70	90
ML-M-L4500N-700E	9	<10	0.1	14	490	<5	80	760
ML-M-L4500N-800E	20	<10	<0.1	16	440	<5	70	380
ML-M-L4500N-900E	17	<10	0.7	9	390	7	60	90
ML-M-L4500N-1000E	16	<10	0.2	10	430	6	80	280
ML-M-L4500N-1100E	8	10	0.3	1	520	9	50	40
ML-M-L4500N-1200E	14	<10	0.3	7	280	<5	80	210
*Rep ML-M-L4500N-1200E	14	<10	0.1	6	260	<5	80	190
ML-M-L4500N-1275E	17	20	<0.1	20	670	5	100	690
ML-M-L4500N-1450E	1	<10	<0.1	4	400	8	50	140
ML-M-L4500N-1500E	74	<10	0.3	8	510	10	60	170
ML-M-L4500N-1600E	11	30	0.4	5	490	9	70	180
ML-M-L4500N-1700E	27	<10	0.4	5	430	13	70	100
ML-M-L4500N-1800E	17	10	0.5	5	580	8	80	80
ML-M-L4500N-1900E	8	<10	0.5	5	660	14	70	40
ML-M-L4500N-2000E	20	10	0.7	4	290	9	60	40
ML-M-L4500N-2075E	5	20	0.1	10	890	14	50	100
ML-M-L4500N-2200E	6	20	0.3	6	960	38	40	30
ML-M-L4500N-2300E	5	20	1.0	4	760	14	40	40
ML-M-L4500N-2400E	8	<10	0.2	7	1240	15	20	70
*Rep ML-M-L4500N-2400E	8	<10	0.2	9	1210	15	20	100
ML-M-L4500N-2500E	8	20	0.3	15	850	8	30	40
ML-M-L4500N-2600E	8	20	0.5	2	530	13	50	30
ML-M-L4500N-2675E	14	<10	0.9	6	360	19	60	60
ML-M-L4500N-2800E	3	40	0.4	1	490	11	30	50
ML-M-L4500N-2900E	13	10	0.5	5	580	9	40	30
ML-M-L4500N-2975E	4	30	0.3	7	770	9	60	100
ML-M-L4500N-3100E	17	<10	0.3	6	410	6	60	80
ML-M-L4500N-3200E	14	<10	0.2	11	430	11	120	130
ML-M-L5500N-25E	6	20	0.3	1	1260	7	70	130
ML-M-L5500N-100E	9	<10	0.2	9	590	<5	40	60
ML-M-L5500N-200E	7	<10	0.1	8	210	<5	70	260
ML-M-L5500N-400E	8	<10	<0.1	10	360	6	50	300
*Rep ML-M-L5500N-400E	8	10	<0.1	8	340	8	60	270
ML-M-L5500N-525E	6	20	<0.1	9	560	7	80	390
ML-M-L5500N-625E	13	20	<0.1	9	290	10	80	140

SGS

Final : TO106640 Order:

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
ML-M-L5500N-675E	23	<10	0.5	6	710	12	80	40
ML-M-L5500N-800E	20	<10	0.7	7	740	15	80	60
ML-M-L5500N-900E	12	10	0.5	3	900	<5	60	70
ML-M-L5500N-1000E	16	20	1.0	5	830	11	120	40
ML-M-L5500N-1100E	42	<10	0.3	3	300	22	60	60
ML-M-L5500N-1200E	39	<10	<0.1	5	340	11	40	50
ML-M-L5500N-1300E	20	<10	0.2	5	370	9	60	90
ML-M-L5500N-1400E	12	<10	0.2	5	490	10	60	50
ML-M-L5500N-1500E	8	<10	0.1	4	270	7	60	90
ML-M-L5500N-1600E	10	<10	0.1	4	510	<5	70	50
*Rep ML-M-L5500N-1600E	9	<10	0.2	6	500	6	60	60
ML-M-L5500N-1700E	9	10	0.6	3	2550	<5	110	20
ML-M-L5500N-1900E	16	<10	0.1	6	650	6	60	80
ML-M-L5500N-2000E	13	<10	0.1	8	450	7	70	120
ML-M-L5500N-2100E	18	<10	0.3	5	210	7	60	30
ML-M-L5500N-2200E	25	<10	0.2	10	520	6	80	250
ML-M-L5500N-2300E	26	<10	0.1	4	320	<5	80	90
*Std MMISRM18	22	10	7.4	85	790	36	250	740
*Std MMISRM16	14	10	19.3	4	560	48	80	220
*Blk BLANK	<1	<10	<0.1	<1	<10	<5	<10	<20
*Blk BLANK	<1	<10	<0.1	<1	<10	<5	<10	<20
*Blk BLANK	<1	<10	<0.1	<1	<10	<5	<10	<20
*Std MMISRM16	14	20	25.5	4	560	46	80	220

Certificate of Analysis

Work Order: TO106641

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

Date: Jul 21, 2009

P.O. No.	:	
Project No.	:	DEFAULT
No. Of Samples		70
Date Submitted		Jul 06, 2009
Report Comprises		Pages 1 to 3 (Inclusive of Cover Sheet)

Distribution of unused material:

Discard after 90 days: 70 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
n.a. = Not applicable
I.S. = Insufficient Sample
-- = 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

SGS

Final : TO106641 Order:

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
ML-M-L5500N-2400E	21	20	0.4	10	780	7	60	240
*Rep ML-M-L5500N-2400E	21	20	0.3	9	800	7	60	200
ML-M-L5500N-2500E	20	10	0.3	4	670	9	90	50
ML-M-L5500N-2600E	18	20	0.8	6	540	6	100	80
ML-M-L5500N-2700E	20	20	0.5	8	560	6	80	50
ML-M-L5500N-2800E	17	30	0.7	5	1060	9	80	70
ML-M-L5500N-2900E	28	20	0.7	7	530	11	90	60
ML-M-L5500N-2975E	38	30	0.2	4	460	8	120	90
ML-M-L5500N-3125E	18	20	0.2	10	470	11	110	440
ML-M-L5500N-3200E	31	10	0.6	4	490	9	90	60
ML-M-L5500N-3300E	18	30	0.9	1	1600	12	130	20
ML-M-L5500N-3400E	22	20	0.4	4	660	6	80	70
ML-M-L5500N-3500E	17	10	0.3	6	880	9	80	230
ML-M-L5500N-3700E	14	20	0.2	7	1120	7	100	190
*Rep ML-M-L5500N-3700E	14	10	0.2	6	1170	6	100	190
ML-M-L5500N-3800E	19	10	0.2	9	520	<5	80	540
ML-M-L5500N-3900E	14	10	0.2	5	280	7	100	190
ML-M-L5500N-4050E	16	10	<0.1	9	410	10	80	150
CH-M-L5000E-7700N	8	290	<0.1	15	500	11	520	620
CH-M-L5000E-7800N	19	50	<0.1	23	690	5	210	1110
CH-M-L5000E-7900N	15	50	<0.1	41	390	<5	240	1570
CH-M-L5000E-8000N	16	20	<0.1	20	290	6	120	710
CH-M-L5000E-8100N	20	30	0.1	14	470	7	100	640
CH-M-L5000E-8250N	17	30	0.2	8	350	9	90	320
CH-M-L5000E-8300N	15	160	0.2	7	740	16	120	190
CH-M-L5000E-8400N	7	30	0.4	5	490	8	100	200
CH-M-L5000E-8500N	16	30	0.6	4	690	12	70	70
*Rep CH-M-L5000E-8500N	15	20	0.5	4	680	11	80	90
CH-M-L5000E-8600N	31	100	0.8	4	900	15	100	100
CH-M-L5000E-8700N	18	30	0.3	15	3960	33	20	70
CH-M-L5000E-8800N	52	40	1.2	6	1840	10	100	60
CH-M-L5000E-8900N	21	20	0.2	54	1970	7	120	120
CH-M-L5000E-9000N	20	<10	0.8	35	5140	10	60	70
CH-M-L5000E-9100N	24	70	0.4	18	1020	7	110	900
CH-M-L5000E-9200N	20	50	0.1	17	740	6	100	490
CH-M-L5000E-9300N	19	60	0.2	19	860	7	140	450
CH-M-L5000E-9400N	17	50	0.1	9	610	9	90	310
CH-M-L5000E-9500N	13	60	0.2	10	580	18	100	70
CH-M-L5000E-9600N	31	40	0.9	6	930	9	100	90
CH-M-L5000E-9700N	2	30	0.2	4	1930	10	<10	30
*Rep CH-M-L5000E-9700N	2	20	0.6	4	1570	10	<10	30
CH-M-L4500E-7750N	7	10	0.2	7	550	6	120	60
CH-M-L4500E-7800N	9	<10	<0.1	6	630	<5	80	120

SGS

Final : TO106641 Order:

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
CH-M-L4500E-7950N	22	60	<0.1	8	410	7	450	460
CH-M-L4500E-8000N	25	50	<0.1	20	550	5	180	270
CH-M-L4500E-8100N	17	100	0.1	9	520	10	140	260
CH-M-L4500E-8250N	7	100	<0.1	24	1420	<5	70	1520
CH-M-L4500E-8300N	13	40	<0.1	4	750	17	150	290
CH-M-L4500E-8400N	11	70	0.7	4	690	12	40	240
CH-M-L4500E-8500N	10	130	0.5	6	780	11	90	120
CH-M-L4500E-8650N	15	20	0.3	15	1830	5	90	410
CH-M-L4500E-8800N	18	20	0.2	10	1270	<5	20	400
CH-M-L4500E-8900N	34	70	1.3	13	1770	24	110	180
*Rep CH-M-L4500E-8900N	39	80	1.4	15	1860	27	110	210
CH-M-L4500E-9000N	35	10	0.3	6	480	7	110	160
CH-M-L4500E-9100N	21	40	0.6	8	560	8	90	70
CH-M-L4500E-9300N	31	30	1.1	17	1780	6	110	100
CH-M-L4500E-9400N	16	30	0.1	11	570	13	90	350
CH-M-L4500E-9500N	24	40	0.2	7	770	8	90	210
CH-M-L4500E-9600N	19	20	<0.1	31	1380	7	80	160
CH-M-L4500E-9700N	17	40	0.2	8	340	14	100	330
CH-M-L4000E-7700N	21	20	0.2	13	640	6	120	380
CH-M-L4000E-7800N	20	<10	<0.1	23	590	<5	90	1450
CH-M-L4000E-7900N	22	10	0.1	6	530	<5	100	150
CH-M-L4000E-8100N	8	60	0.5	9	350	8	190	300
CH-M-L4000E-8200N	9	60	0.7	8	830	12	110	590
*Rep CH-M-L4000E-8200N	8	60	0.4	8	800	12	110	600
CH-M-L4000E-8300N	11	80	0.7	7	320	10	70	180
CH-M-L4000E-8600N	2	120	0.5	4	940	10	80	250
CH-M-L4000E-8650N	28	60	2.1	4	3670	7	60	90
CH-M-L4000E-8800N	24	30	2.0	2	2310	48	70	90
CH-M-L4000E-8900N	17	40	0.8	4	1320	10	140	50
CH-M-L4000E-9000N	27	40	0.3	7	280	10	80	330
CH-M-L4000E-9200N	11	40	0.5	4	310	7	150	70
CH-M-L4000E-9300N	29	20	0.4	6	230	<5	70	120
CH-M-L4000E-9400N	19	10	0.2	18	450	<5	60	470
*Std MMISRM18	18	20	9.2	80	730	34	320	680
*Std MMISRM16	15	20	28.5	4	600	51	120	240
*Blk BLANK	<1	<10	<0.1	<1	<10	<5	<10	<20
*Blk BLANK	<1	<10	<0.1	<1	<10	<5	<10	<20

Appendix F – Drill Logs and Results

HoleID	From	To	Sample#	Cu %	Au g/t	Ag ppm	Mo%
C-09-001	42.67	45.00	23679	0.01	0.050	0.0	0.000
C-09-001	45.00	47.00	23680	0.01	0.036	13.2	0.000
C-09-001	47.00	49.00	23681	0.01	0.052	0.0	0.000
C-09-001	49.00	51.00	23682	0.02	0.010	0.0	0.000
C-09-001	51.00	53.00	23683	0.09	0.010	0.0	0.000
C-09-001	53.00	55.00	23684	0.02	0.010	0.0	0.000
C-09-001	55.00	57.00	23685	0.02	0.036	0.0	0.000
C-09-001	57.00	59.00	23686	0.02	0.000	0.0	0.000
C-09-001	59.00	61.00	23687	0.01	0.010	0.0	0.000
C-09-001	61.00	63.00	23688	0.02	0.036	0.0	0.000
C-09-001	63.00	65.00	23689	0.02	0.000	1.9	0.000
C-09-001	65.00	67.00	23691	0.01	0.010	0.0	0.000
C-09-001	67.00	69.00	23692	0.02	0.010	0.0	0.000
C-09-001	69.00	71.00	23693	0.01	0.020	0.0	0.000
C-09-001	71.00	73.00	23694	0.01	0.000	0.0	0.000
C-09-001	73.00	75.00	23695	0.01	0.000	0.0	0.000
C-09-001	75.00	77.00	23696	0.01	0.000	0.0	0.000
C-09-001	77.00	79.00	23697	0.01	0.000	3.9	0.000
C-09-001	79.00	81.00	23698	0.02	0.000	0.5	0.000
C-09-001	81.00	83.00	23699	0.02	0.000	0.0	0.000
C-09-001	83.00	85.00	23700	0.02	0.020	0.0	0.000
C-09-001	85.00	87.00	23701	0.02	0.000	0.0	0.000
C-09-001	87.00	89.00	23702	0.01	0.000	12.4	0.000
C-09-001	89.00	91.00	23703	0.01	0.000	0.0	0.000
C-09-001	91.00	93.00	23704	0.02	0.010	0.0	0.000
C-09-001	93.00	95.00	23706	0.01	0.020	0.0	0.000
C-09-001	95.00	97.00	23707	0.01	0.000	0.0	0.000
C-09-001	97.00	99.00	23708	0.02	0.000	0.0	0.000
C-09-001	99.00	101.00	23709	0.01	0.000	0.0	0.000
C-09-001	101.00	103.00	23710	0.01	0.000	0.0	0.000
C-09-001	103.00	105.00	23711	0.01	0.000	0.0	0.000
C-09-001	105.00	107.00	23712	0.01	0.000	0.0	0.000
C-09-001	107.00	109.00	23713	0.00	0.000	0.0	0.000
C-09-001	109.00	111.00	23714	0.00	0.032	0.0	0.000
C-09-001	111.00	113.00	23715	0.00	0.000	0.0	0.000
C-09-001	113.00	115.00	23716	0.01	0.000	2.1	0.000
C-09-001	115.00	117.00	23717	0.01	0.060	0.0	0.000
C-09-001	117.00	119.00	23718	0.02	0.000	0.0	0.000
C-09-001	119.00	121.00	23719	0.01	0.000	0.6	0.000
C-09-001	121.00	123.00	23721	0.01	0.064	0.0	0.000
C-09-001	123.00	125.00	23722	0.01	0.000	0.0	0.001
C-09-001	125.00	127.00	23723	0.02	0.000	0.0	0.001
C-09-001	127.00	129.00	23724	0.01	0.000	0.0	0.003
C-09-001	129.00	131.00	23725	0.02	0.000	0.0	0.003
C-09-001	131.00	133.00	23726	0.02	0.000	0.0	0.002
C-09-001	133.00	135.00	23727	0.02	0.000	1.7	0.001
C-09-001	135.00	137.00	23728	0.04	0.000	0.5	0.000
C-09-001	137.00	139.00	23729	0.03	0.000	0.0	0.001
C-09-001	139.00	141.00	23730	0.04	0.040	0.0	0.000
C-09-001	141.00	143.00	23731	0.03	0.000	0.0	0.000
C-09-001	143.00	145.00	23732	0.02	0.000	0.0	0.000

HoleID	From	To	Sample#	Cu %	Au g/t	Ag ppm	Mo%
C-09-001	145.00	147.00	23733	0.02	0.000	1.9	0.000
C-09-001	147.00	149.00	23734	0.04	0.050	0.0	0.002
C-09-001	149.00	151.00	23736	0.02	0.020	0.0	0.000
C-09-001	151.00	153.00	23737	0.02	0.040	0.0	0.000
C-09-001	153.00	155.00	23738	0.02	0.040	0.0	0.000
C-09-001	155.00	157.00	23739	0.04	0.180	0.0	0.000
C-09-001	157.00	159.00	23740	0.08	0.070	1.0	0.000
C-09-001	159.00	161.00	23741	0.03	0.170	0.0	0.000
C-09-001	161.00	163.00	23742	0.02	0.060	1.9	0.000
C-09-001	163.00	165.00	23743	0.02	0.130	0.0	0.000
C-09-001	165.00	167.00	23744	0.02	0.000	0.0	0.001
C-09-001	167.00	169.00	23745	0.02	0.060	0.0	0.000
C-09-001	169.00	171.00	23746	0.02	0.040	0.0	0.000
C-09-001	171.00	173.00	23747	0.03	0.042	0.0	0.000
C-09-001	173.00	175.00	23748	0.02	0.064	0.5	0.000
C-09-001	175.00	177.00	23749	0.03	0.130	0.0	0.000
C-09-001	177.00	179.00	23751	0.02	0.020	0.0	0.010
C-09-001	179.00	181.00	23752	0.02	0.042	0.0	0.001
C-09-001	181.00	183.00	23753	0.02	0.040	0.0	0.000
C-09-001	183.00	185.00	23754	0.02	0.036	0.0	0.000
C-09-001	185.00	187.00	23755	0.03	0.040	0.0	0.000
C-09-001	187.00	189.00	23756	0.03	0.000	0.0	0.000
C-09-001	189.00	191.00	23757	0.04	0.010	0.0	0.000
C-09-001	191.00	193.00	23758	0.02	0.010	0.0	0.000
C-09-001	193.00	195.00	23759	0.03	0.020	1.2	0.000
C-09-001	195.00	197.00	23760	0.02	0.000	0.0	0.000
C-09-001	197.00	199.00	23761	0.02	0.024	0.0	0.000
C-09-001	199.00	201.00	23762	0.02	0.000	0.0	0.000
C-09-001	201.00	203.00	23763	0.02	0.020	0.0	0.000
C-09-001	203.00	205.00	23764	0.03	0.010	0.0	0.000
C-09-001	205.00	207.00	23766	0.02	0.024	0.0	0.000
C-09-001	207.00	209.00	23767	0.02	0.020	0.0	0.000
C-09-001	209.00	211.00	23768	0.02	0.010	0.0	0.000
C-09-001	211.00	213.00	23769	0.02	0.010	0.0	0.000
C-09-001	213.00	215.00	23770	0.02	0.010	0.0	0.000
C-09-001	215.00	217.00	23771	0.02	0.000	0.0	0.000
C-09-001	217.00	219.00	23772	0.02	0.020	0.0	0.000
C-09-001	219.00	221.00	23773	0.02	0.000	0.0	0.000
C-09-001	221.00	223.00	23774	0.01	0.010	0.0	0.000
C-09-001	223.00	225.00	23775	0.01	0.020	0.0	0.000
C-09-001	225.00	227.00	23776	0.02	0.000	0.0	0.000
C-09-001	227.00	229.00	23777	0.01	0.000	0.0	0.000
C-09-001	229.00	231.00	23778	0.03	0.000	0.0	0.000
C-09-001	231.00	233.00	23779	0.04	0.000	0.0	0.000
C-09-001	233.00	235.00	23781	0.04	0.000	0.0	0.000
C-09-001	235.00	237.00	23782	0.01	0.000	0.0	0.000
C-09-001	237.00	239.00	23783	0.05	0.000	0.0	0.000
C-09-001	239.00	241.00	23784	0.05	0.000	0.0	0.000
C-09-001	241.00	243.00	23785	0.04	0.000	0.0	0.000
C-09-001	243.00	245.00	23786	0.03	0.000	0.0	0.000
C-09-001	245.00	247.00	23787	0.02	0.020	0.0	0.000

HoleID	From	To	Sample#	Cu %	Au g/t	Ag ppm	Mo%
C-09-001	247.00	249.00	23788	0.01	0.000	0.0	0.000
C-09-001	249.00	251.00	23789	0.03	0.000	0.0	0.000
C-09-001	251.00	253.00	23790	0.03	0.000	0.0	0.000
C-09-001	253.00	255.00	23791	0.10	0.000	0.0	0.000
C-09-001	255.00	257.00	23792	0.08	0.000	0.7	0.000
C-09-001	257.00	259.00	23793	0.04	0.000	0.0	0.000
C-09-001	259.00	261.00	23794	0.05	0.000	0.6	0.000
C-09-001	261.00	263.00	23796	0.04	0.000	0.0	0.000
C-09-001	263.00	265.00	23797	0.04	0.000	0.8	0.000
C-09-001	265.00	267.00	23798	0.05	0.000	0.0	0.000
C-09-001	267.00	269.00	23799	0.02	0.000	0.0	0.000
C-09-001	269.00	271.00	23800	0.03	0.000	0.6	0.000
C-09-001	271.00	273.00	23801	0.02	0.000	0.0	0.000
C-09-001	273.00	275.00	23802	0.02	0.000	0.0	0.000
C-09-001	275.00	277.00	23803	0.02	0.000	0.8	0.000
C-09-001	277.00	279.00	23804	0.01	0.000	0.0	0.000
C-09-001	279.00	281.00	23805	0.01	0.000	0.0	0.000
C-09-001	281.00	283.00	23806	0.01	0.020	0.0	0.000
C-09-001	283.00	285.00	23807	0.01	0.010	0.0	0.000
C-09-001	285.00	287.00	23808	0.01	0.000	0.0	0.000
C-09-001	287.00	289.00	23809	0.01	0.000	0.0	0.000
C-09-001	289.00	291.00	23811	0.04	0.000	0.0	0.000
C-09-001	291.00	293.00	23812	0.04	0.000	0.0	0.000
C-09-001	293.00	295.00	23813	0.03	0.000	0.0	0.000
C-09-001	295.00	297.00	23814	0.06	0.000	0.0	0.000
C-09-001	297.00	299.00	23815	0.01	0.000	0.0	0.000
C-09-001	299.00	300.84	23816	0.08	0.040	0.0	0.000
C-09-002	51.82	54.00	23817	0.03	0.000	0.0	0.000
C-09-002	54.00	56.00	23818	0.01	0.000	0.0	0.000
C-09-002	56.00	58.00	23819	0.02	0.000	0.0	0.000
C-09-002	58.00	60.00	23820	0.02	0.000	0.0	0.000
C-09-002	60.00	62.00	23821	0.00	0.000	0.0	0.000
C-09-002	62.00	64.00	23822	0.01	0.000	0.0	0.000
C-09-002	64.00	66.00	23823	0.01	0.000	0.0	0.000
C-09-002	66.00	68.00	23824	0.03	0.000	0.0	0.000
C-09-002	68.00	70.00	23826	0.03	0.000	0.0	0.000
C-09-002	70.00	72.00	23827	0.03	0.000	0.5	0.000
C-09-002	72.00	74.00	23828	0.04	0.000	0.0	0.000
C-09-002	74.00	76.00	23829	0.03	0.000	0.0	0.000
C-09-002	76.00	78.00	23830	0.01	0.000	0.0	0.000
C-09-002	78.00	80.00	23831	0.01	0.000	0.0	0.000
C-09-002	80.00	82.00	23832	0.01	0.000	0.0	0.000
C-09-002	82.00	84.00	23833	0.00	0.000	0.0	0.000
C-09-002	84.00	86.00	23834	0.01	0.000	0.0	0.000
C-09-002	86.00	88.00	23835	0.02	0.000	0.0	0.000
C-09-002	88.00	90.00	23836	0.02	0.000	0.0	0.000
C-09-002	90.00	92.00	23837	0.00	0.000	0.0	0.000
C-09-002	92.00	94.00	23838	0.02	0.000	0.0	0.000
C-09-002	94.00	96.00	23839	0.01	0.000	0.0	0.000
C-09-002	96.00	98.00	23841	0.02	0.000	0.0	0.000
C-09-002	98.00	100.00	23842	0.01	0.000	0.5	0.000

HoleID	From	To	Sample#	Cu %	Au g/t	Ag ppm	Mo%
C-09-002	100.00	102.00	23843	0.01	0.000	0.5	0.000
C-09-002	102.00	104.00	23844	0.01	0.000	0.0	0.000
C-09-002	104.00	106.00	23845	0.02	0.000	0.0	0.000
C-09-002	106.00	108.00	23846	0.02	0.000	0.5	0.000
C-09-002	108.00	110.00	23847	0.01	0.000	0.0	0.000
C-09-002	110.00	112.00	23848	0.01	0.000	0.0	0.000
C-09-002	112.00	114.00	23849	0.01	0.000	0.0	0.000
C-09-002	114.00	116.00	23850	0.00	0.000	0.0	0.000
C-09-002	116.00	118.00	23851	0.01	0.000	0.0	0.000
C-09-002	118.00	120.00	23852	0.01	0.000	0.0	0.000
C-09-002	120.00	122.00	23853	0.01	0.000	0.0	0.000
C-09-002	122.00	124.00	23854	0.01	0.000	0.0	0.000
C-09-002	124.00	126.00	23856	0.01	0.000	0.0	0.000
C-09-002	126.00	128.00	23857	0.01	0.000	0.0	0.000
C-09-002	128.00	130.00	23858	0.01	0.000	0.0	0.000
C-09-002	130.00	132.00	23859	0.01	0.000	0.0	0.000
C-09-002	132.00	134.00	23860	0.02	0.000	0.0	0.000
C-09-002	134.00	136.00	23861	0.02	0.000	0.0	0.000
C-09-002	136.00	138.00	23862	0.03	0.000	0.0	0.000
C-09-002	138.00	140.00	23863	0.02	0.000	0.0	0.000
C-09-002	140.00	142.00	23864	0.02	0.000	0.0	0.000
C-09-002	142.00	144.00	23865	0.02	0.000	0.0	0.000
C-09-002	144.00	146.00	23866	0.02	0.000	0.6	0.000
C-09-002	146.00	148.00	23867	0.02	0.000	0.0	0.000
C-09-002	148.00	150.00	23868	0.01	0.000	0.0	0.000
C-09-002	150.00	152.00	23869	0.02	0.000	0.0	0.000
C-09-002	152.00	154.00	23871	0.02	0.000	0.0	0.000
C-09-002	154.00	156.00	23872	0.03	0.000	0.0	0.000
C-09-002	156.00	158.00	23873	0.02	0.000	0.7	0.000
C-09-002	158.00	160.00	23874	0.03	0.000	0.5	0.000
C-09-002	160.00	162.00	23875	0.01	0.000	0.0	0.000
C-09-002	162.00	164.00	23876	0.01	0.000	0.0	0.000
C-09-002	164.00	166.00	23877	0.01	0.000	0.7	0.000
C-09-002	166.00	168.00	23878	0.01	0.000	0.0	0.000
C-09-002	168.00	170.00	23879	0.01	0.000	0.0	0.000
C-09-002	170.00	172.00	23880	0.01	0.000	0.6	0.000
C-09-002	172.00	174.00	23881	0.01	0.000	0.0	0.000
C-09-002	174.00	176.00	23882	0.01	0.000	0.0	0.000
C-09-002	176.00	178.00	23883	0.01	0.000	0.0	0.000
C-09-002	178.00	180.00	23884	0.01	0.000	0.0	0.000
C-09-002	180.00	182.00	23886	0.01	0.000	0.0	0.000
C-09-002	182.00	184.00	23887	0.02	0.000	0.0	0.000
C-09-002	184.00	186.00	23888	0.02	0.000	0.0	0.000
C-09-002	186.00	188.00	23889	0.02	0.000	0.6	0.000
C-09-002	188.00	190.00	23890	0.02	0.000	0.0	0.000
C-09-002	190.00	192.00	23891	0.02	0.010	0.0	0.000
C-09-002	192.00	194.00	23892	0.02	0.010	0.0	0.000
C-09-002	194.00	196.00	23893	0.01	0.000	0.0	0.000
C-09-002	196.00	198.00	23894	0.02	0.000	0.0	0.000
C-09-002	198.00	200.00	23895	0.02	0.000	0.0	0.000
C-09-002	200.00	202.00	23896	0.01	0.000	0.0	0.000

HoleID	From	To	Sample#	Cu %	Au g/t	Ag ppm	Mo%
C-09-002	202.00	204.00	23897	0.01	0.000	0.0	0.000
C-09-002	204.00	206.00	23898	0.02	0.000	0.0	0.000
C-09-002	206.00	208.00	23899	0.02	0.000	0.0	0.000
C-09-002	208.00	210.00	23901	0.02	0.000	0.0	0.000
C-09-002	210.00	212.00	23902	0.02	0.000	0.0	0.000
C-09-002	212.00	214.00	23903	0.02	0.000	0.0	0.000
C-09-002	214.00	216.00	23904	0.02	0.000	0.5	0.000
C-09-002	216.00	218.00	23905	0.02	0.000	0.0	0.000
C-09-002	218.00	220.00	23906	0.01	0.000	0.0	0.000
C-09-002	220.00	222.00	23907	0.01	0.000	0.0	0.000
C-09-002	222.00	224.00	23908	0.01	0.000	0.0	0.000
C-09-002	232.00	234.00	23909	0.01	0.000	0.0	0.000
C-09-002	242.00	244.00	23910	0.01	0.000	0.0	0.000
C-09-002	252.00	254.00	23911	0.00	0.000	0.0	0.000
C-09-002	262.00	264.00	23912	0.01	0.000	0.0	0.000
C-09-002	272.00	274.00	23913	0.01	0.000	0.0	0.000
C-09-002	282.00	284.00	23914	0.01	0.000	0.0	0.000
C-09-002	290.00	291.69	23916	0.01	0.000	0.0	0.000

SERENGETI RESOURCES INC.
DRILL HOLE COVER SHEET

PROPERTY: Choo **DRILL HOLE #:** C-09-001 **LOGGED BY:** D. Mehner **COVER SHEET DATE:** October 10, 2009

DDH COLLAR LOCATION

PROPOSED **DATUM:** NAD 83 10 U
LOCAL GRID UTM CO-ORDS
NORTH: NORTHING: 6107667
EAST: EASTING: 413848
ELEVATION: ELEVATION:

SURVEYED
LOCAL GRID **UTM CO-ORDS**
NORTH: NORTHING: 6107666
EAST: EASTING: 413838
ELEVATION: ELEVATION:

DDH COLLAR ORIENTATION

PROPOSED
AZIMUTH: 0
DIP: -90

SURVEYED
AZIMUTH: 209
DIP: -89

DDH LENGTH

PROPOSED
LENGTH: 300m

ACTUAL
LENGTH: 300.84

DOWN HOLE SURVEY

SURVEY TYPE: DISTANCE	AZIMUTH	DIP	ACPTED	COMMENTS
0				

DRILLING INFORMATION

CONTRACTOR: Cyr Drilling

CORE DIAMETER: NQ
DATE STARTED: October 9,2009
DATE COMPLETED: October 12, 2009
CAPPED:
CASING:
UNITS: METRIC:

HOLE OBJECTIVE: Test a coincident resistivity, chargeability & aeromagnetic high southwest of the Moondust DDH's that returned 85 & 323m intervals of 0.04% copper.

HOLE SUMMARY:

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	GEOLOGICAL CODE	PRIM LITHO CODE	SEC LITHO CODE
C-09-001	0.00	42.70	42.70	**Casing**; Overburden; no recovery			
	42.70	58.57	15.87	**Andesite:** flows?; medium grained, with weakly corroded (sericte alteration along margins destroying the euhedral crystal shape) plag xtls to 2 mm with subhedral hblds < 2mm replaced by chlorite; weak epidote with diss pyrite; weakly trachytic texture @ 48.6 m with plag aligned at 20-30º to CA; non to very weakly magnetic; fractures @ 70-80º to CA filled with calcite±chl±pyrite±tr epidote; 8-10% diss cubic pyrite>>fracture pyrite	AND	3	
C-09-001	58.57	71.32	12.75	**Andesite:** flows?; fine grained, with 8-10% pyrite largely as diss cubic pyrite plus minor fract py±chl±calcite & pyrite in narrow veins; non to only weakly magnetic; mafics alt'd to chlorite; only tr epidote; plag xtls are weakly corroded; at 61.00 - 71.62 strong fracturing @ 65-70º to CA filled with calcite±chl; also irregular dyklets of med grained, faintly pink monzonite (?)with occasional qtz grains; ≤ 1% pyrite as diss & blebs plus veinlets with chlorite; where measureable, dyklet contacts are @ 40-50º to Ca;	AND	3	
C-09-001	71.32	77.28	5.96	**Andesite:** same fine grained andesite but sheared with strong fracturing @ 55 - 70º to crackle brecciation; fractures filled with calcite+chl; rubble @ 75.83 - 77.28 meters; minor gouge; fract @ 40º has slickensides @ 65º to CA;	AND	3	
C-09-001	77.28	86.63	9.35	**Porphyritic Andesite:** weakly corroded plag phenocrysts to 5 mm, but average 2-3 mm; chloritized hblds ≤ 1mm evident in fine grained chloritized groundmas; 8-10 % pyrite; non to only weakly magnetic; increasing calcite±chl+py fract to base of interval with bleached envelopes common;	PAND	3C	

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	GEOLOGICAL CODE	PRIM LITHO CODE	SEC LITHO CODE
C-09-001	86.63	91.60	4.97	**Micro Diorite:** medium grained, mesocratic; 10-15% hblds, 1-2 mm replaced by chlorite+pyrite; plagiocalse groundmass is relatively unaltered; upper contact @ 55º to CA; lower contact in rubble; interval is very blocky with rubble; strong, multi-directional fracturing filled by chlorite+pyrite± calcite; fracture @ 88.5 is 15º to CA; slickensides @ 30º to CA; fracture @ 90.60 is 15º to CA with slickensides @ 85º to CA; in lower half of interval sericite is replacing plag & imparting a pale green colour to the rock; mafics are increasingly leached out; < 1% diss & vein/fracture pyrite.	MD	14	
C-09-001	91.60	99.62	8.02	**Porphyritic Andesite:** As 77.28-86.63; note pyrite is medium grained in this porphyritic andesite.	PAND	3C	
C-09-001	99.62	115.40	15.78	**Porphyritic Andesite:** Lighter grey, with 50-60% , weakly alt'd plag xtls to 3 mm; hblds were altered to chlorite & largely leached out; This is very similar to (the same?) unit at 91.60-99.62 but altered; non magnetic; Upper contact @ 30º to CA; patchy but locally strong epidote associated with pyrite blebs & veining is common between 99.62 - 104; in epidote patches, pyrite is up to 5%; elsewhere diss & fract pyrite is < 1%; overall pyrite content is about 1-1.5%; crushed interval with gouge at 105.40 - 105.90; numerous strongly fractured/crackle brecciated intervals with calcite fracture-fill; coarse calcite xtls on a couple fractures; trachytic texture at 103.90 with plag aligned @ 70º to CA; at 110 m plag are aligned @ 60º to CA; from 111.86 - 115.40 diss & fract pyrite with weak epidote increases to 2%; sericite alteration of plag xtls increases with depth; porphyritic texture becomes destroyed.	PAND	3C	

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	GEOLOGICAL CODE	PRIM LITHO CODE	SEC LITHO CODE
C-09-001	115.40	126.80	11.40	**Porphyritic Andesite:** seem to "grade" or gradually pass from above unit into darker grey, porphyritic andesite as 91.60 - 99.62 over 5 cm suggesting the lighter coloured, feldspar altered, weakly pyritic andesite is an alteration of the darker, pyrite-rich andesite noted at 77.28 - 86.63 & 91.60 - 99.62; numerous calcite±chlorite filled fractures @ 60 & 45º with bleached envelopes up to 3 cm wide; minor pyrite+chlorite veins @ 30º to CA; weakly magnetic; Note there is a lack of epidote in the darker, less alt'd sections where pyrite is 8-10%; interval is shattered and bleached over the last 80 cm.	PAND	3C	
C-09-001	126.80	133.90	7.10	**Porphyritic Andesite:** similar to 99.62 - 115.42; light pale green to cream coloured with a "spotted" appearance resulting from hblds being chloritized then repaced by diss pyrite & plag xtls being weakly sericitized; upper contact of interval is gradational & associated with an increase in crackle brecciation & a shear @ 60º to CA at 126.00; 1 - 2% diss & fract pyrite; chl+py+cal fract@30 & 65º to CA are common; fract at 131.0 is 15º to CA; slickensides @ 65º to CA;	PAND	3C	
C-09-001	133.90	135.90	2.00	**Andesite:** FAULT ZONE: graphitic shear @ 15º to CA; gouge; calcite fract filling; brecciated; upper 50 cm is in leached porph andesite as 126.80 - 133.90; remainder is in alt'd fine grained grey andesite.	AND	3	6
C-09-001	135.90	146.04	10.14	**Andesite:** fine to med grained, equigranular; strong calcite±pyrite filled fract at 40-50º; locally shattered with calcite stockwork; mafics chloritized then leached out; plag pervasively alt'd to pale green sericite; most primary textures destroyed; 3 - 5% diss>>fract pyrite±chl.	AND	3	
C-09-001	146.04	147.20	1.16	**Andesite:** FAULT ZONE: strong shearing @ 35-50º to CA; clay gouge; slickensides @ 15º to CA.	AND	3	6

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	GEOLOGICAL CODE	PRIM LITHO CODE	SEC LITHO CODE
C-09-001	147.20	183.07	35.87	**Andesite:** as 135.90 - 146.04; pervasive sericite alteration of plag to ± 151 m; from 151 to 154.5 sericite alt'n of plag is patchy; mafics chloritized; weak calcite fract fill; from 154.5 - 158.5 patchy silica flooding; weak epidote with 8% diss>>fract pyrite; 158.5 - 163.8 moderate to strong silicification with pyrite; tr cpy; 10-12% diss & vein pyrite; 163.8 - 183.07 patchy silica flooding; core is very hard; mafics have been chloritized then leached; primary textures largely destroyed in silicified portions; from 172.60 the core is strongly fractured (sheeted) @ 60-80º to CA with chl±py fill; weak, "late" calcite fract fill; 3% diss>>vein/fract pyrite; weakly magnetic.	AND	3	
C-09-001	183.07	192.13	9.06	**Diorite:** medium grained; hblds euhedral & partly alt'd to chlorite; plag are fract & only weakly alt'd by sericite; 1-3% qtz eyes; upper contact @ 65º to CA; lower contact is chlorite+calcite filled shear @ 20º to CA; weak to locally moderately magnetic; minor chl±calcite fract @ 190.8 @ 10º to CA; slickensides @ 85º to CA; 2-3% diss>> fract py.	DIO	15	
C-09-001	192.13	211.10	18.97	**Porphyritic Andesite:** 30% plag phenos, ± 1.5 mm, 10% hblds (alt'd to chlorite) set in fine grained, grey/faintly mauve coloured groundmass; moderately magnetic; 2-3% diss & fract (chl+py) pyrite; between 194.60 - 197.30 the above andesite is alt'd by fluids cutting core at 20º to CA; all primary textures are destroyed & the rock gradually changes to a fine grained, dark grey, featurless unit that is weakly mottled with occasional intervals retaining faint relict texture (resembles a very fine grained to aphanitic dyke but with gradational contacts); 2-3% diss, fract (chl) & stringer pyrite ± chlorite; from 197.30 - 211.10, the alteration changes & rock is more of a bleached porphyritic andesite with varying degrees of relict texture; chloritized hblds are replaced by diss pyrite; weakly magnetic; tr cpy with py; traces of patch/fracture epidote often with minor pyrrhotite; interval overall has ± 2% diss>>fract py; < 0.5% pyrrhotite & rare cpy.	PAND	3C	

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	GEOLOGICAL CODE	PRIM LITHO CODE	SEC LITHO CODE
C-09-001	211.10	221.00	9.90	**Diorite:** fine to med grained; equigranular; weak fract epidote; weak sericite alt'n of plag; weakly magnetic; upper contact is chl-calcite-py brecciated shear @ 20º to CA; slickensides @ 80º to CA; weak py+chl+calcite fract including a chl fract at 211.40 @ 05º to CA; slickensides at 80º; 3-4% diss & coarse aggregate pyrite; 213.03 - 213.45 small fine grained andesite dyke; 2% diss & fract pyrite; sharp contacts; upper @ 213.03 @ 35º to CA; lower contact is irregular @ ± 20º to CA; from 213.45 diorite is strongly leached of mafics; pyrite which replaced mafics is also partially leached giving the rock a "pitted" texture; sericite alteration of plag is increasing; 2-3% pyrite;	DIO	15	
C-09-001	221.00	226.10	5.10	**Diorite:** FAULT ZONE; developed in pervasive sericite alt'd diorite; brecciated; strongly fractured @ 90 & 70º to CA; shattered with strong chl±py fracture fill; very minor epidote; rubble; calcite fracture fill is very strong over the last meter; 2% pyrite.	DIO	15	6
C-09-001	226.10	227.69	1.59	**Basalt Tuff (?):** augite phyric; shattered with strong calcite± epidote fract fill; 1 - 1.5% fract >>diss pyrite; augites are chloritized & plag are partially sericite alt'd; basal 20 cm is rubble.	BAST	26A	
C-09-001	227.69	243.90	16.21	**Micro Diorite:** fine grained sericite alt'd diorite similar to 213.45-221.00; hblds are chloritized & largely leached out; upper contact in rubble; lower contact sharp @ ± 20º to CA; weak calcite±chl fract fill with tr PbS; occasional crystals of biotite (primary) in groundmass; albite(?)+chl±py±cpy±po on fract; 2 - 4% diss>fract py; 2-3% po + tr cpy occur throughout diorite; most py + po occur as fine diss replacing chloritized mafics; sericte alt is pervasive over the last meter.	MD	14	

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	GEOLOGICAL CODE	PRIM LITHO CODE	SEC LITHO CODE
C-09-001	243.90	252.69	8.79	**Porphyritic Andesite:** 35-40% plag phenocrysts to 4 mm are set in fine grained, grey groundmass with a definite mauve tinge (very fine grained biotite??); plag xtls are all corroded by weak to moderate sericite alt'n; occasional chl replaced subhedral hblds are 3-4 mm; lower contact sharp @ 65º to CA; non magnetic; chl±py±po±cal±ep fract common throughout; from 248.0 start getting occasional chl±py±po±cpy±ep veins/fracture fill with weakly developed K-spar envelopes at 30 & 55º to CA; sericite envelopes common on chl+py fract; at 252.17 fract at 005º to CA has slickensides @ 70º to CA;	PAND	3C	
C-09-001	252.69	255.90	3.21	**Porphyritic Basalt:** 55% weakly corroded plag xtls 2-2.5 mm set in fine grained, grey grndmass; fine grained mafics are mixed, chlorite replaced augite & fine grained, red-brown biotite; mafics have been largely leached & replaced by diss pyrite; between 253.50 - 255.90 the core is brecciated & primary textures are destroyed; matrix is chlorite replaced while andesite frags are altered to sericite; ""hydrothermal" breciation (fluidizied) cut core @ 50º to CA; contains 2% pyrite; from 255.90 the rock remains relatively textureless from 2, start getting chl±calc±py±cpy filled fractures commonly @ 70º to CA with irregular, weakly developed K-spar envelopes containing fine fine diss cpy; cpy also occurs on chloritized micro fractures within the k-spar envelopes and as fine diss replacing mafics; this interval continues down contains 5-7% diss>>fract pyrite: 1% pyrrhotite; tr to 0.1% cpy;	PBAS	26C	
C-09-001	255.90	262.73	6.83	**Basalt Tuff:** from 255.90 - 258.50 there is a gradual transition in texture to an equigranular, chloritized, augite phyric unit with fine grained, red-brown biotite in the grndmass; 5-7% diss>>fract pyrite: 1% pyrrhotite; tr to 0.1% cpy;	BAST	26A	

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	GEOLOGICAL CODE	PRIM LITHO CODE	SEC LITHO CODE
C-09-001	262.73	266.60	3.87	**Basalt Tuff:** skarn altered augite phyric (?) tuffs with primary textures destroyed by strong alteration overprint; "grades" into fine grained, mottled, unit with alternating grey-green (augite) & red-brown bands (biotite?) @ 30-35º to CA; faint plag xtls visible in less alt'd intervals; fine grained to aphanitic band (ash horizon?) cuts core @ 55º to CA at 263.20; plag are partly replaced by sericite; non-magnetic; 2 cm qtz vein with weak chl on fract cuts core @ 65º to CA at 264.90; chl+pyrite±calc±tr cpy hairline fract @ 50º to CA common throughout; at 265.60 - 267.30 weak, irregular K-spar veining with tr cpy; entire intervals has ± 2% diss=fract pyrite, 1-2% diss/fract pyrrhotite & tr - 0.1% diss/fract cpy.	BAST	26A	
C-09-001	266.60	300.84	34.24	**Basalt:** transition from above alt'd tuffs(?) into hyrdothermally alt'd basalt; contact with above tuffs is obscured by alteration; 35 - 40% plag & 35 - 40%, 1.5 mm augite set in fine grained grndmass; augites appear to be replaced by tremolite(?)...not chlorite; the interval has a "hydrothermal" breccia/conglomerate appearance as dark, fine grained material similar to the grndmass cuts/swirls throughout the unit; finely diss pyrite & pyrrhotite is more prevalent in this alt'n material; down to 281.7 the core is moderately magnetic & contains 4 - 5% diss/fract fill & vein pyrite; < 1% pyrrhotite & tr diss+ fract cpy; after 281.7 there is a noticeable increase in py±chl± tr cpy fract @ 40 - 45º to CA & it is the start of weak, 1 - 2 mm py±cpy veining with weak epidote & very minor K-spar envelopes; a 1cm qtz vein with k-spar envelope & fract chl-py-tr cpy cuts core at 278.70; unit becomes strongly magnetic, particularly in fine grained, cross-cutting hydrothermal material; suspect part of the increased magnetism is due to increased pyrrhotite; sulphides are 4 - 5% pyrite, 1 - 1.5% pyrrhotite and tr - 0.1% cpy; a 3mm cpy-po-calcite vein cuts core @ 35º to CA at 295.25; overall, epidote & calcite are very weak.	BAST	26A	
		EOH					

HOLE#	FROM	TO	LENGTH	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propyliti c	Sericite	Potassic	PY %	CP %	PO%	VEIN TYPE (or fracture-fill)	%
C-09-001	0.00	42.67	42.67		OB										
C-09-001	42.67	45.00	2.33	23679	AND	PROP		s	w		9			cal+/-chl+/-py+/-ep	5
C-09-001	45.00	47.00	2.00	23680	AND	PROP		s	w		9			cal+/-chl+/-py+/-ep	5
C-09-001	47.00	49.00	2.00	23681	AND	PROP		s	w		9			cal+/-chl+/-py+/-ep	5
C-09-001	49.00	51.00	2.00	23682	AND	PROP		s	w		9			cal+/-chl+/-py+/-ep	5
C-09-001	51.00	53.00	2.00	23683	AND	PROP		s	w		9			cal+/-chl+/-py+/-ep	5
C-09-001	53.00	55.00	2.00	23684	AND	PROP		s	w		9			cal+/-chl+/-py+/-ep	5
C-09-001	55.00	57.00	2.00	23685	AND	PROP		s	w		9			cal+/-chl+/-py+/-ep	5
C-09-001	57.00	59.00	2.00	23686	AND	PROP		s			1			cal+/-chl+/-py+/-ep	5
C-09-001	59.00	61.00	2.00	23687	AND	PROP		s			1			py+/-chl+/-cal	1
C-09-001	61.00	63.00	2.00	23688	AND	PROP		s			1			py+/-chl+/-cal	1
C-09-001	63.00	65.00	2.00	23689	AND	PROP		s			1			py+/-chl+/-cal	1
C-09-001	65.00	67.00	2.00	23691	AND	PROP		s			1			py+/-chl+/-cal	1
C-09-001	67.00	69.00	2.00	23692	AND	PROP		s			1			py+/-chl+/-cal	1
C-09-001	69.00	71.00	2.00	23693	AND	PROP		s			1			py+/-chl+/-cal	1
C-09-001	71.00	73.00	2.00	23694	AND	PROP		s			1			py+/-chl+/-cal	5
C-09-001	73.00	75.00	2.00	23695	AND	PROP		s			1			py+/-chl+/-cal	5
C-09-001	75.00	77.00	2.00	23696	AND	PROP		s			1			py+/-chl+/-cal	5
C-09-001	77.00	79.00	2.00	23697	AND	PROP		s			1			py+/-chl+/-cal	5
C-09-001	79.00	81.00	2.00	23698	PAND	PROP		s			9			py+/-chl+/-cal	5
C-09-001	81.00	83.00	2.00	23699	PAND	PROP		s			9			py+/-chl+/-cal	5
C-09-001	83.00	85.00	2.00	23700	PAND	PROP		s			9			py+/-chl+/-cal	5
C-09-001	85.00	87.00	2.00	23701	PAND	PROP		s			9			py+/-chl+/-cal	5
C-09-001	87.00	89.00	2.00	23702	MD	PROP		s			1			py+/-chl+/-cal	2
C-09-001	89.00	91.00	2.00	23703	MD	PROP		s			1			py+/-chl+/-cal	2
C-09-001	91.00	93.00	2.00	23704	PAND	PROP		s			9			py+/-chl+/-cal	2
C-09-001	93.00	95.00	2.00	23706	PAND	PROP		s			9			py+/-chl+/-cal	2
C-09-001	95.00	97.00	2.00	23707	PAND	PROP		s			9			py+/-chl+/-cal	2
C-09-001	97.00	99.00	2.00	23708	PAND	PROP		s			9			py+/-chl+/-cal	2
C-09-001	99.00	101.00	2.00	23709	PAND	PROP		s	tr		5			py+/-ep	2
C-09-001	101.00	103.00	2.00	23710	PAND	PROP		s	tr		5			py+/-ep	2
C-09-001	103.00	105.00	2.00	23711	PAND	PROP		s			1			py+/-ep	2
C-09-001	105.00	107.00	2.00	23712	PAND	PROP		s			1			py+/-ep	2
C-09-001	107.00	109.00	2.00	23713	PAND	PROP		s			1			py+/-ep	2
C-09-001	109.00	111.00	2.00	23714	PAND	PROP		s			1			py+/-ep	2
C-09-001	111.00	113.00	2.00	23715	PAND	PROP		s	w		2			py+/-ep	2
C-09-001	113.00	115.00	2.00	23716	PAND	PROP		s	w		2			py+/-ep	2
C-09-001	115.00	117.00	2.00	23717	PAND	PROP		s			9			py+/-chl+/-cal	2
C-09-001	117.00	119.00	2.00	23718	PAND	PROP		s			9			py+/-chl+/-cal	2
C-09-001	119.00	121.00	2.00	23719	PAND	PROP		s			9			py+/-chl+/-cal	2
C-09-001	121.00	123.00	2.00	23721	PAND	PROP		s			9			py+/-chl+/-cal	2
C-09-001	123.00	125.00	2.00	23722	PAND	PROP		s			9			py+/-chl+/-cal	2
C-09-001	125.00	127.00	2.00	23723	PAND	PROP		s			9			py+/-chl+/-cal	2
C-09-001	127.00	129.00	2.00	23724	PAND	PROP		s	w		2			py+/-chl+/-cal	2
C-09-001	129.00	131.00	2.00	23725	PAND	PROP		s	w		2			py+/-chl+/-cal	2
C-09-001	131.00	133.00	2.00	23726	PAND	PROP		s	w		2			py+/-chl+/-cal	2

HOLE#	FROM	TO	LENGTH	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propyliti c	Sericite	Potassic	PY %	CP %	PO%	VEIN TYPE (or fracture-fill)	%
C-09-001	133.00	135.00	2.00	23727	FLT	PROP		s						py+/-chl+/-cal	2
C-09-001	135.00	137.00	2.00	23728	AND	PROP		s	w		4			py+/-chl+/-cal	2
C-09-001	137.00	139.00	2.00	23729	AND	PROP		s	w		4			py+/-chl+/-cal	2
C-09-001	139.00	141.00	2.00	23730	AND	PROP		s	w		4			py+/-chl+/-cal	2
C-09-001	141.00	143.00	2.00	23731	AND	PROP		s	w		4			py+/-chl+/-cal	2
C-09-001	143.00	145.00	2.00	23732	AND	PROP		s	w		4			py+/-chl+/-cal	2
C-09-001	145.00	147.00	2.00	23733	AND	PROP		s	w		4			py+/-chl+/-cal	2
C-09-001	147.00	149.00	2.00	23734	AND	PROP		s	m		4			py+/-chl+/-cal	2
C-09-001	149.00	151.00	2.00	23736	AND	PROP		s	m		4			py+/-chl+/-cal	2
C-09-001	151.00	153.00	2.00	23737	AND	PROP		s	w		4			py+/-chl+/-cal	2
C-09-001	153.00	155.00	2.00	23738	AND	PROP		s	w		4			py+/-chl+/-cal	2
C-09-001	155.00	157.00	2.00	23739	AND	PROP		s			8			py+/-chl+/-cal	2
C-09-001	157.00	159.00	2.00	23740	AND	PROP		s			8			py+/-chl+/-cal	2
C-09-001	159.00	161.00	2.00	23741	AND	PROP		s			11	tr		py+/-chl+/-cal	2
C-09-001	161.00	163.00	2.00	23742	AND	PROP		s			11	tr		py+/-chl+/-cal	2
C-09-001	163.00	165.00	2.00	23743	AND	PROP		s			3			py+/-chl+/-cal	2
C-09-001	165.00	167.00	2.00	23744	AND	PROP		s			3			py+/-chl+/-cal	2
C-09-001	167.00	169.00	2.00	23745	AND	PROP		s			3			py+/-chl+/-cal	2
C-09-001	169.00	171.00	2.00	23746	AND	PROP		s			3			py+/-chl+/-cal	2
C-09-001	171.00	173.00	2.00	23747	AND	PROP		s			3			py+/-chl+/-cal	2
C-09-001	173.00	175.00	2.00	23748	AND	PROP		s			3			py+/-chl+/-cal	2
C-09-001	175.00	177.00	2.00	23749	AND	PROP		s			3			py+/-chl+/-cal	2
C-09-001	177.00	179.00	2.00	23751	AND	PROP		s			3			py+/-chl+/-cal	2
C-09-001	179.00	181.00	2.00	23752	AND	PROP		s			3			py+/-chl+/-cal	2
C-09-001	181.00	183.00	2.00	23753	AND	PROP		s			3			py+/-chl+/-cal	2
C-09-001	183.00	185.00	2.00	23754	DIO	PROP		s			3			py+/-chl+/-cal	2
C-09-001	185.00	187.00	2.00	23755	DIO	PROP		s			3			py+/-chl+/-cal	2
C-09-001	187.00	189.00	2.00	23756	DIO	PROP		s			3			py+/-chl+/-cal	2
C-09-001	189.00	191.00	2.00	23757	DIO	PROP		s			3			py+/-chl+/-cal	2
C-09-001	191.00	193.00	2.00	23758	DIO	PROP		s			3			py+/-chl+/-cal	2
C-09-001	193.00	195.00	2.00	23759	PAND	PROP		s			3			py+/-chl+/-cal	2
C-09-001	195.00	197.00	2.00	23760	PAND	PROP		s			3			py+/-chl+/-cal	2
C-09-001	197.00	199.00	2.00	23761	PAND	PROP		s	tr		2	tr	tr	py+/-chl+/-cal	2
C-09-001	199.00	201.00	2.00	23762	PAND	PROP		s	tr		2	tr	tr	py+/-chl+/-cal	2
C-09-001	201.00	203.00	2.00	23763	PAND	PROP		s	tr		2	tr	tr	py+/-chl+/-cal	2
C-09-001	203.00	205.00	2.00	23764	PAND	PROP		s	tr		2	tr	tr	py+/-chl+/-cal	2
C-09-001	205.00	207.00	2.00	23766	PAND	PROP		s	tr		2	tr	tr	py+/-chl+/-cal	2
C-09-001	207.00	209.00	2.00	23767	PAND	PROP		s	tr		2	tr	tr	py+/-chl+/-cal	2
C-09-001	209.00	211.00	2.00	23768	PAND	PROP		s	tr		2	tr	tr	py+/-chl+/-cal	2
C-09-001	211.00	213.00	2.00	23769	DIO	PROP		s	tr		3			py+/-chl+/-cal	2
C-09-001	213.00	215.00	2.00	23770	DIO	PROP		s	tr		3			py+/-chl+/-cal	2
C-09-001	215.00	217.00	2.00	23771	DIO	PROP		s	tr		3			py+/-chl+/-cal	2
C-09-001	217.00	219.00	2.00	23772	DIO	PROP		s	tr		3			py+/-chl+/-cal	2
C-09-001	219.00	221.00	2.00	23773	DIO	PROP		s	tr		3			py+/-chl+/-cal	2
C-09-001	221.00	223.00	2.00	23774	FLZ	PROP		s	m		2			py+/-ep+/-cal	3
C-09-001	223.00	225.00	2.00	23775	FLZ	PROP		s	m		2			py+/-ep+/-cal	3

HOLE#	FROM	TO	LENGTH	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propyliti c	Sericite	Potassic	PY %	CP %	PO%	VEIN TYPE (or fracture-fill)	%
C-09-001	225.00	227.00	2.00	23776	FLZ	PROP		s	m		2			py+/-ep+/-cal	3
C-09-001	227.00	229.00	2.00	23777	MD	PROP		s	m		3	tr	3	albite+py+/-chl+/-cpy+/-po	2
C-09-001	229.00	231.00	2.00	23778	MD	PROP		s	m		3	tr	3	albite+py+/-chl+/-cpy+/-po	2
C-09-001	231.00	233.00	2.00	23779	MD	PROP		s	m		3	tr	3	albite+py+/-chl+/-cpy+/-po	2
C-09-001	233.00	235.00	2.00	23781	MD	PROP		s	m		3	tr	3	albite+py+/-chl+/-cpy+/-po	2
C-09-001	235.00	237.00	2.00	23782	MD	PROP		s	m		3	tr	3	albite+py+/-chl+/-cpy+/-po	2
C-09-001	237.00	239.00	2.00	23783	MD	PROP		s	m		3	tr	3	albite+py+/-chl+/-cpy+/-po	2
C-09-001	239.00	241.00	2.00	23784	MD	PROP		s	m		3	tr	3	albite+py+/-chl+/-cpy+/-po	2
C-09-001	241.00	243.00	2.00	23785	MD	PROP		s	m		3	tr	3	albite+py+/-chl+/-cpy+/-po	2
C-09-001	243.00	245.00	2.00	23786	PAND	PROP		s	w		2	tr	1	chl+py+/-po+/-cal+/-ep+/-k-spar	2
C-09-001	245.00	247.00	2.00	23787	PAND	PROP		s	w		2	tr	1	chl+py+/-po+/-cal+/-ep+/-k-spar	2
C-09-001	247.00	249.00	2.00	23788	PAND	PROP		s	w	tr	3	tr	1	chl+py+/-po+/-cal+/-ep+/-k-spar	2
C-09-001	249.00	251.00	2.00	23789	PAND	PROP		s	w	tr	3	tr	1	chl+py+/-po+/-cal+/-ep+/-k-spar	2
C-09-001	251.00	253.00	2.00	23790	PAND	PROP		s	w	tr	3	tr	1	chl+py+/-po+/-cal+/-ep+/-k-spar	2
C-09-001	253.00	255.00	2.00	23791	PBAS	PROP		s	tr		3	tr	1	chl+/-cal+/-py+/-cpy+/-k-spar	3
C-09-001	255.00	257.00	2.00	23792	BAST	PROP		s			6	tr	1	chl+/-cal+/-py+/-cpy+/-k-spar	3
C-09-001	257.00	259.00	2.00	23793	BAST	PROP		s			6	tr	1	chl+/-cal+/-py+/-cpy+/-k-spar	3
C-09-001	259.00	261.00	2.00	23794	BAST	PROP		s			6	tr	1	chl+/-cal+/-py+/-cpy+/-k-spar	3
C-09-001	261.00	263.00	2.00	23796	BAST	PROP		s			6	tr	1	chl+/-cal+/-py+/-cpy+/-k-spar	3
C-09-001	263.00	265.00	2.00	23797	BAST	PROP		s	w	tr	3	tr	2	Qtz+chl & chl+py+/-cal+/-cpy+/-po+/-k-spar	1
C-09-001	265.00	267.00	2.00	23798	BAST	PROP		s	w	tr	3	tr	2	Qtz+chl & chl+py+/-cal+/-cpy+/-po+/-k-spar	1
C-09-001	267.00	269.00	2.00	23799	BAS	PROP		s			5	tr	< 1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	269.00	271.00	2.00	23800	BAS	PROP		s			5	tr	< 1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	271.00	273.00	2.00	23801	BAS	PROP		s			5	tr	< 1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	273.00	275.00	2.00	23802	BAS	PROP		s			5	tr	< 1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	275.00	277.00	2.00	23803	BAS	PROP		s			5	tr	< 1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	277.00	279.00	2.00	23804	BAS	PROP		s			5	tr	< 1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	279.00	281.00	2.00	23805	BAS	PROP		s			5	tr	< 1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	281.00	283.00	2.00	23806	BAS	PROP		s			5	tr	1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	283.00	285.00	2.00	23807	BAS	PROP		s			5	tr	1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	285.00	287.00	2.00	23808	BAS	PROP		s			5	tr	1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	287.00	289.00	2.00	23809	BAS	PROP		s			5	tr	1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	289.00	291.00	2.00	23811	BAS	PROP		s			5	tr	1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	291.00	293.00	2.00	23812	BAS	PROP		s			5	tr	1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	293.00	295.00	2.00	23813	BAS	PROP		s			5	tr	1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	295.00	297.00	2.00	23814	BAS	PROP		s			5	tr	1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	297.00	299.00	2.00	23815	BAS	PROP		s			5	tr	1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
C-09-001	299.00	300.84	1.84	23816	BAS	PROP		s			5	tr	1	py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea
		EOH												py+/-chl+/-cpy & qtz+chl+py+cpy & cpy+po+cal	1 ea

SERENGETI RESOURCES INC.
DRILL HOLE COVER SHEET

PROPERTY: Choo **DRILL HOLE #:** C-09-002 **LOGGED BY:** D. Mehner **COVER SHEET DATE:** October 13, 2009

DDH COLLAR LOCATION

PROPOSED **DATUM:** NAD 83 10 U
LOCAL GRID UTM CO-ORDS
NORTH: NORTHING: 6107621
EAST: EASTING: 414344
ELEVATION: ELEVATION:

SURVEYED
LOCAL GRID **UTM CO-ORDS**
NORTH: NORTHING: 6107623
EAST: EASTING: 414341
ELEVATION: ELEVATION:

DDH COLLAR ORIENTATION

PROPOSED
AZIMUTH: 0
DIP: -90

SURVEYED
AZIMUTH: 250
DIP: -89

DDH LENGTH

PROPOSED
LENGTH: 300

ACTUAL
LENGTH: 291.69

DOWN HOLE SURVEY

SURVEY TYPE:

DISTANCE	AZIMUTH	DIP	ACPTED	COMMENTS
0				

DRILLING INFORMATION

CONTRACTOR: Cyr Drilling

CORE DIAMETER: NQ
DATE STARTED: October 12, 2009
DATE COMPLETED: October 16, 2009
CAPPED:
CASING:
UNITS: METRIC:

HOLE OBJECTIVE: Test a coincident resistivity, chargeability & aeromagnetic high southwest of the Moondust DDH's that returned 85 & 323m intervals of 0.04% copper.

HOLE SUMMARY:

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	GEOLOGICAL CODE	PRIM LITHO CODE
C-09-002	0.00	51.82	51.82	**CASING:** overburden; no recovery	OB	1
C-09-002	51.82	68.17	16.35	**Basalt Tuffs, Crystal Tuffs, Lapilli Tuffs:** mainly augite phyric; strongly alt'd with mottled texture; faint, pale green, alt'd augites to 3 mm with similar green coloured but very hard (silicified) alt along fractures in fine grained, red-brown coloured matrix; "skarn" style silicification/alt'n; possible hornfelsing; weak to moderately magnetic; weak chl+py± tr cpy fract @ 50-60º to CA; from 64.0 unit is hydrothermally brecciated & alt'd by skarn fluids; less alt'd sections are similar to the bottom of C-09-001 with tremolite (?) + pyrite replacing augites within strongly alt'd, fine grained, faintly red-brown coloured matrix; the resulting, overall appearance of the unit is "splotchy", leopard look with irregular, pale green patches 1-2 cm across within a dark matrix that in detail has a porphyritic appearnce; 1 - 2% diss+fract pyrite; ≤ 0.5% po; tr cpy	BAST	26A
C-09-002	68.17	72.83	4.66	**Basalt Tuffs, Crystal Tuffs:** similar to above but largely fine grained to aphanitic with no primary textures visible; possible ash? Dark grey to pale green to red-brown; mottled, "skarn" alt'n texture as above; upper contact is silicified shear with chl+cal+py+tr cpy± @ 15º to CA; strongly magnetic with magnetite±chl±py±po±cpy veins & fract @ 10-20º & 70-85º to CA; fract at 68.48 @ 70º to CA with slickensides @ 40º to CA; ± 1% py; < 1% po; tr cpy	BASA	26B
C-09-002	72.83	109.42	36.59	**Basalt Tuffs, Crystal Tuffs, Lapilli Tuffs:** silicified, skarn alt'd pyroclastics like 51.82 - 68.17; variation in augite crystal sizes throughout interval indicates multiple tuff beds; crude alteration banding @ 35-40º to CA; fine grained dark matrix varies in colour from dark grey/black to red-brown, likely reflecting the presence of biotite; down to 89 meters the tuffs appear to be dominantly augite phyric whereas after 89 meters they are dominantly plagioclase phyric with common augites; only minor chlorite or calcite fracture fill; rocks are moderately to locally strongly magnetic; alt'n banding at 100.0 meters is 50º to CA; ± 1% diss & fract pyrite with 1-2% diss>>fract po & tr fract & diss cpy; cpy also with minor magnetite±py veins; there is increased po + py in the fine grained, dark, skarn alt'd matrix that appears to cut the pyroclastics.	BAST	26A
C-09-002	109.42	113.45	4.03	**Megacrystic Porphyritic Basalt Dyke:** 20 - 25% plag phenos, 2-6 mm set in fine grained grndmass of alt'd augites & red-brown biotites; augites to 2 mm are replaced by tremolite(?); sharp irregular chilled contacts; upper contact @ 40º to CA; lower contact @ 18º to CA; strongly magnetic; weak chl±cal±py fract; ≤ 1% finely diss>>fract pyrite; 1% diss>> fract po.	PBAS	26C
C-09-002	113.45	116.47	3.02	**Basalt Tuff:** pale green to largely cream coloured, mottled, alt'd augite xtl tuff (?); augites to 3 mm; clay alt'd; partially silicified; resembles "marl"; calcite±chlorite fracture fill & skarn banding both @ 50 & 65º to CA;	BAST	26A
C-09-002	116.47	120.04	3.57	**Porphyritic Basalt Dyke:** similar to 109.42 - 113.45 but approx. 15 - 20% plagioclase ± 2 mm; augite xtls are up to 3.5 mm, largely replaced by tremolite (?) & subsequently by weak chlorite; groundmass is fine grained, grey with a faint hint of mauve; strongly magnetic with weak fracture chlorite; weak skarn alteration banding @ 40º to CA; upper contact sharp & chilled @ 25º to CA; lower contact is obscured by alteration and seems to grade into underlying pyroclastics; < 0.5% diss pyrite	PBAS	26C

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	GEOLOGICAL CODE	PRIM LITHO CODE
C-09-002	120.04	134.00	13.96	**Basalt Tuffs/Lapilli Tuffs:** mottled, patchy pale green through grey-black to red-brown in colour; similar to skarn alt'd rocks in hole above; includes silicified sections; lithic fragments noted to 3 cm; alt'd augites are set in fine grained red-brown biotite bearing matrix with patchy and fracture envelope "bleached" alt'n....albitization?; most of the interval is plag phyric; minor fract chl±calc±py; from 126.9 to the base the core is increasingly shattered with chlorite filling fracts commonly @ 65-75º to CA; non to only weakly magnetic with minimal sulphides (< 0.5% py; ≤ 0.5% po) down to 132.65; from 132.65 - 134.00 the core is very dark with a matrix of fine grained biotite + augite; chl+calc fract increases; ≤ 1% finely diss, magnetic po occurs with alteration in small patches & to minor extent on fractures; tr py	BAST	26A
C-09-002	134.00	137.08	3.08	**Basalt Tuffs/Lapilli Tuffs:** SHEAR ZONE developed in rocks as above; brecciated; pervasive sericite with patchy ankerite overprint; shears @ 20 - 25º to CA; slickensides @ ± 80º to CA; calcite fracture fill common in shears; tr py, tr po.	BAST	26A
C-09-002	137.08	139.29	2.21	**Basalt Tuffs/Lapilli Tuffs:** same pyroclastics; from 137.08 - 138.21 tuffs are fine grained, dark grey-green to red-brown, skarn alt'd with ghost augites & plag; py>>po±chl veining @ 05º to CA; total sulphides estimated at 5% py; ≤ 1% po; rare cpy; magnetic where fine diss po occurs in alt'n patches; from 138.21 the tuffs are alt'd & mafics are leached; interval is pale green in colour; small, remnant bioite-rich patches; the core is very hard (silicified skarn alt'n); 2 - 3% finely diss, magnetic po after augites; strongly magnetic; weak chl-calcite fracture fill; the transition from dark coloured tuffs into the light, mafic leached tuffs is relatively sharp @ 15º to CA; calcite-chl filled shear at 139.29 is 25º to CA.	BAST	26A
C-09-002	139.29	152.97	13.68	**Basalt Tuffs:** tuffs, crystal tuffs, lapilli tuffs with strong, spotty, alteration overprint yielding the typical spotted leopard appearance; variable augite & plag xtl amounts & sizes set in fine grained, red-brown matrix; pale green biotite leached, sericite alt'd (?) patches up to 6 cm across yield a pseudo clastic texture; moderate to strongly magnetic, stronger with diss po; fine grained, tuff/ash portions of interval are non to only weakly magnetic; minor chl+py±calcite fract @ 50-60º to CA; 2 - 3% diss & occasionally patchy po; 1% fract (later than po) pyrite.	BAST	26A
C-09-002	152.97	155.30	2.33	**Porphyritic Basalt Dyke:** augite + plag phenocrysts set in fine grained to aphanitic, grey-mauve groundmass; 15% plag phenos ≤ 2mm are partly corroded; 30 - 40% augite xtls 2-3 mm are replaced by chlorite; upper contact chilled & sharp @ 20º to CA; lower contact chilled & sharp @ 50º to CA; strongly magnetic; ± 1% py as diss & in chl±cal fract; tr diss cpy; weakly shattered; Note: the dyke to be appears post skarn alt based on lack of silicification (not hard like surrounding units) & absence of po; the dyke is weakly shattered with fracturing increasing towards contacts with strong calc & /or chl filling.	PBAS	26C
C-09-002	155.30	162.10	6.80	**Basalt Tuffs, Crystal Tuffs, Lapilli Tuffs:** skarn alt'd, mottled texture, augite-plag phyric as 139.29 - 152.97; small sections have minimal "skarn" overprint; weakly magnetic aside from patchy areas with increased po; calc+chl+py shears/fract fills ± 4 cm wide at 157.75 @ 10º to CA with slickensides @ 85º to CA; calcite+chl+py vein & breccia fill at 158.6 @ 50º to CA; ± 1 to 1.5% diss & fract py; ≤ 1% diss po with tr cpy in stronger alt'd "Mottled" intervals.	BAST	26A

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	GEOLOGICAL CODE	PRIM LITHO CODE
C-09-002	162.10	184.42	22.32	**Basalt Tuffs & Crystal Tuffs:** same pyroclastic package but only weakly alt'd & finer grain size with chlorite replaced augite xtls/shards $\leq$ 1 cm & weakly corroded plag xtls $\leq$ 1.5 mm; matrix is fine grained, red-brown, biotite-bearing; weakly magnetic; minor calc-chl-py fract; < 1% diss & fract py; < 0.5% diss po.	BAST	26A
C-09-002	184.42	193.11	8.69	**Basalt Tuffs, Crystal Tuffs, Lapilli Tuffs:** similar to 155.30 - 162.10; alteration is patchy; mottled texture is weaker and discontinuous; chl+py fract @ 20 & 45º to CA; 1% po diss with tr - 0.1% diss & fract cpy in small patches; 1 to 1.5% diss & fract py mainly occurring in less alt'd portions.	BAST	26A
C-09-002	193.11	207.65	14.54	**Basalt Tuffs & Crystal Tuffs:** similar to 162.10 - 184.42; weakly alt'd; upper contact with above interval is gradational; non magnetic aside from small patches with diss po; 2 - 4% py as veins/fract fill with chl & locally "net" like texture in alt'd matrix; another $\leq$ 0.5% py as diss; tr diss cpy; tr to 0.5% po; small chloritized shear with calcite at 194.25 cus core @ 10º to CA; slickensides @ 80º to CA; from 195.90 - 196.70 core is strongly fract @ 50 - 55º with strong chl fract fill and later, x-cut calcite veining.	BAST	26A
C-09-002	207.65	218.05	10.40	**Porphyritic Basalt Dyke:** relatively fresh looking dyke with $\pm$ 25% plag phenos to 2.5 mm, weakly alt'd; 10% chloritized augites to 3 mm all set in very fine grained grey-brown groundmass; upper & lower contacts chilled, sharp but irregular @ $\pm$ 40º to CA; moderate to strongly magnetic; < 1% fine po replacing augites plus $\leq$ 0.5% on fract $\pm$ calcite.	PBAS	26C
C-09-002	218.05	223.28	5.23	**Basalt Tuffs, Crystal Tuffs, Lapilli Tuffs & Tuff Breccias:** weakly propylitically alt'd; mottled texture; matrix is red-brown to grey red brown (biotite-augite bearing); non magnetic; weak cal$\pm$chl+py fracts @ 50 & 70º to CA; < 1% diss+fract py; $\leq$ 0.5% po after augite;	BAST	26A
C-09-002	223.28	256.45	33.17	**Basalt Tuffs, Crystal Tuffs, Lapilli Tuffs & Tuff Breccias:** as above but plag phyric dominates over augite crystals; matrix predominantly pale green with leached mafics; sharp contact at 223.28 @ 55º to CA between red-brown, biotite rich matrix pyroclastic up hole & grey to faintly mauve, biotite poor matrix down hole; angular to sub angular lithic fragments to 6 cm; non magnetic; very weak chl$\pm$cal$\pm$py fract fill; < 1% diss & fract py; $\leq$ 0.5% po; exception is 234.16 to 234.35 where skarn alt'n is assoc with 15% py.	BAST	26A

HOLE ID	FROM	TO	LENGTH	DESCRIPTION	GEOLOGICAL CODE	PRIM LITHO CODE
C-09-002	256.45	278.20	21.75	**Basalt Tuff and Ash:** well bedded to laminated, grey-mauve basalt (to andesitic ?) ash & fine grained tuff; minimal alteration; fine biotite & occasional fine grained augites noted; very siliceous to cherty down to 261; below 261 chlorite is common on fract; from 266.00 to 273.40 core is weakly fract with chlorite fill @ 40-50º to CA; shattered & sheared zone at 266.26 - 267.62; at 268.00 a fract at 20º to CA has slickensides @ 70º to CA; bedding at 258.25 is 60º to CA; at 262 is 55º to CA; at 268.8 is 35º to CA; at 271.86 is 50º to CA; weakly magnetic except where small alt'd patches contain diss po; from 273.50 to 278.20 core is fract to weakly shattered; calc fract fill common; same interval includes a 13 cm diorite dyke & a gabbro dyke at 276.00 to 276.66; upper contact of dyke @ 35º to CA; lower contact is very irregular; throughout the section there are very minor skarn alt'd intervals $\leq$ 4 cm with 5-10% diss py & $\leq$ 1% po; elsewhere minor fract py & patches/clots with po; overall sulphide content is estimated at 1% pyrite & $\leq$ 0.5% po.	BASA	26B
C-09-002	278.20	291.69	13.49	**Basalt Tuffs** / **Crystal Tuffs:** dominantly fine to medium grained plag rich tuffs with minor dark ash (?) beds; weak & spotty "mottled" texture; weak chlorite &/or calcite fracture filling; bedding at 289.0 @ 60º to CA; weakly magnetic but strong where patchy, diss po occurs; between 280.00 - 280.93 is a plag-augite porphyry basalt dyke; dark, fine grained grndmass; 10% plag xtls to 3 mm are weaklyalt'd; all augites are alt'd; dyke has tr diss pyrite; upper & lower contacts are sharp & chilled @ 40º to CA; overall sulphides for interval are < 0.5% diss & fract py & $\leq$ 1% diss po.	BAST	26A
		EOH				

HOLE#	FROM	TO	LENGTH	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	PY %	CP %	PO%	VEIN TYPE (& fracture fill)	%
C-09-002	0.00	51.82	51.82		OB										
C-09-002	51.82	54.00	2.18	23817	BAST	PROP		s	w		2	tr	< 1	chl+py+/- tr cpy	< 1
C-09-002	54.00	56.00	2.00	23818	BAST	PROP		s	w		2	tr	< 1	chl+py+/- tr cpy	< 1
C-09-002	56.00	58.00	2.00	23819	BAST	PROP		s	w		2	tr	< 1	chl+py+/- tr cpy	< 1
C-09-002	58.00	60.00	2.00	23820	BAST	PROP		s	w		2	tr	< 1	chl+py+/- tr cpy	< 1
C-09-002	60.00	62.00	2.00	23821	BAST	PROP		s	w		2	tr	< 1	chl+py+/- tr cpy	< 1
C-09-002	62.00	64.00	2.00	23822	BAST	PROP		s	w		2	tr	< 1	chl+py+/- tr cpy	< 1
C-09-002	64.00	66.00	2.00	23823	BAST	PROP		s	w		2	tr	< 1	chl+py+/- tr cpy	< 1
C-09-002	66.00	68.00	2.00	23824	BAST	PROP		s	w		2	tr	< 1	chl+py+/- tr cpy	< 1
C-09-002	68.00	70.00	2.00	23826	BASA	PROP		s	tr		1	tr	< 1	mag+/-chl+/-py+/-po+/-cpy	2
C-09-002	70.00	72.00	2.00	23827	BASA	PROP		s	tr		1	tr	< 1	mag+/-chl+/-py+/-po+/-cpy	2
C-09-002	72.00	74.00	2.00	23828	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	74.00	76.00	2.00	23829	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	76.00	78.00	2.00	23830	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	78.00	80.00	2.00	23831	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	80.00	82.00	2.00	23832	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	82.00	84.00	2.00	23833	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	84.00	86.00	2.00	23834	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	86.00	88.00	2.00	23835	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	88.00	90.00	2.00	23836	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	90.00	92.00	2.00	23837	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	92.00	94.00	2.00	23838	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	94.00	96.00	2.00	23839	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	96.00	98.00	2.00	23841	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	98.00	100.00	2.00	23842	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	100.00	102.00	2.00	23843	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	102.00	104.00	2.00	23844	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	104.00	106.00	2.00	23845	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	106.00	108.00	2.00	23846	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	108.00	110.00	2.00	23847	BAST	PROP		s			1	tr	2	mag+/-py+/-cpy	1
C-09-002	110.00	112.00	2.00	23848	PBAS	PROP		s			1		1	chl+/-cal+/-py+/-po	1
C-09-002	112.00	114.00	2.00	23849	PBAS	PROP		s			1		1	chl+/-cal+/-py+/-po	1
C-09-002	114.00	116.00	2.00	23850	BAST	PROP		s	tr		< 1			chl+/-cal+/-py	< 1
C-09-002	116.00	118.00	2.00	23851	PBAS	PROP		s			tr			chl+/-cal+/-py	< 1
C-09-002	118.00	120.00	2.00	23852	PBAS	PROP		s			tr			chl+/-cal+/-py	< 1
C-09-002	120.00	122.00	2.00	23853	BAST	PROP		s	tr		tr		< 1	chl+/-cal+/-py	< 1
C-09-002	122.00	124.00	2.00	23854	BAST	PROP		s	tr		tr		< 1	chl+/-cal+/-py	< 1
C-09-002	124.00	126.00	2.00	23856	BAST	PROP		s	tr		tr		< 1	chl+/-cal+/-py	< 1
C-09-002	126.00	128.00	2.00	23857	BAST	PROP		s	tr		tr		< 1	chl+/-cal+/-py	< 1
C-09-002	128.00	130.00	2.00	23858	BAST	PROP		s	tr		tr		< 1	chl+/-cal+/-py	< 1
C-09-002	130.00	132.00	2.00	23859	BAST	PROP		s	tr		tr		< 1	chl+/-cal+/-py	< 1
C-09-002	132.00	134.00	2.00	23860	BAST	PROP		s	tr		tr		1	chl+/-cal+/-py	< 1
C-09-002	134.00	136.00	2.00	23861	SHZ	PROP		w	s		tr		tr		
C-09-002	136.00	138.00	2.00	23862	SHZ	PROP		w	s		tr		tr		
C-09-002	138.00	140.00	2.00	23863	BAST	PROP		s	m		5	tr	1	py+po+/-chl+/-tr cpy	3
C-09-002	140.00	142.00	2.00	23864	BAST	PROP		s	m		1		3	chl+/-py+/-cal	< 1
C-09-002	142.00	144.00	2.00	23865	BAST	PROP		s	m		1		3	chl+/-py+/-cal	< 1
C-09-002	144.00	146.00	2.00	23866	BAST	PROP		s	m		1		3	chl+/-py+/-cal	< 1
C-09-002	146.00	148.00	2.00	23867	BAST	PROP		s	m		1		3	chl+/-py+/-cal	< 1
C-09-002	148.00	150.00	2.00	23868	BAST	PROP		s	m		1		3	chl+/-py+/-cal	< 1
C-09-002	150.00	152.00	2.00	23869	BAST	PROP		s	m		1		3	chl+/-py+/-cal	< 1
C-09-002	152.00	154.00	2.00	23871	PBAS	PROP		s	m		1		tr	chl+/-py+/-cal	< 1
C-09-002	154.00	156.00	2.00	23872	PBAS	PROP		s	m		1		tr	chl+/-py+/-cal	< 1
C-09-002	156.00	158.00	2.00	23873	BAST	PROP		s	w		1	tr	1	chl+/-py+/-cal	1
C-09-002	158.00	160.00	2.00	23874	BAST	PROP		s	w		1	tr	1	chl+/-py+/-cal	1
C-09-002	160.00	162.00	2.00	23875	BAST	PROP		s	w		1	tr	1	chl+/-py+/-cal	1
C-09-002	162.00	164.00	2.00	23876	BAST	PROP		s			< 1		tr	chl+/-py+/-cal	< 1
C-09-002	164.00	166.00	2.00	23877	BAST	PROP		s			< 1		tr	chl+/-py+/-cal	< 1
C-09-002	166.00	168.00	2.00	23878	BAST	PROP		s			< 1		tr	chl+/-py+/-cal	< 1
C-09-002	168.00	170.00	2.00	23879	BAST	PROP		s			< 1		tr	chl+/-py+/-cal	< 1
C-09-002	170.00	172.00	2.00	23880	BAST	PROP		s			< 1		tr	chl+/-py+/-cal	< 1
C-09-002	172.00	174.00	2.00	23881	BAST	PROP		s			< 1		tr	chl+/-py+/-cal	< 1
C-09-002	174.00	176.00	2.00	23882	BAST	PROP		s			< 1		tr	chl+/-py+/-cal	< 1
C-09-002	176.00	178.00	2.00	23883	BAST	PROP		s			< 1		tr	chl+/-py+/-cal	< 1
C-09-002	178.00	180.00	2.00	23884	BAST	PROP		s			< 1		tr	chl+/-py+/-cal	< 1
C-09-002	180.00	182.00	2.00	23886	BAST	PROP		s			< 1		tr	chl+/-py+/-cal	< 1
C-09-002	182.00	184.00	2.00	23887	BAST	PROP		s			< 1		tr	chl+/-py+/-cal	< 1
C-09-002	184.00	186.00	2.00	23888	BAST	PROP		s	tr		1	tr	1	chl+/-py+/-cal	< 1
C-09-002	186.00	188.00	2.00	23889	BAST	PROP		s	tr		1	tr	1	chl+/-py+/-cal	< 1
C-09-002	188.00	190.00	2.00	23890	BAST	PROP		s	tr		1	tr	1	chl+/-py+/-cal	< 1
C-09-002	190.00	192.00	2.00	23891	BAST	PROP		s	tr		1	tr	1	chl+/-py+/-cal	< 1
C-09-002	192.00	194.00	2.00	23892	BAST	PROP		s	tr		1	tr	1	chl+/-py+/-cal	< 1
C-09-002	194.00	196.00	2.00	23893	BAST	PROP		m			3	tr	tr	chl+/-py+/-cal	1
C-09-002	196.00	198.00	2.00	23894	BAST	PROP		m			3	tr	tr	chl+/-py+/-cal	1
C-09-002	198.00	200.00	2.00	23895	BAST	PROP		m			3	tr	tr	chl+/-py+/-cal	1
C-09-002	200.00	202.00	2.00	23896	BAST	PROP		m			3	tr	tr	chl+/-py+/-cal	1
C-09-002	202.00	204.00	2.00	23897	BAST	PROP		m			3	tr	tr	chl+/-py+/-cal	1
C-09-002	204.00	206.00	2.00	23898	BAST	PROP		m			3	tr	tr	chl+/-py+/-cal	1
C-09-002	206.00	208.00	2.00	23899	BAST	PROP		m			3	tr	tr	chl+/-py+/-cal	1
C-09-002	208.00	210.00	2.00	23901	PBAS	PROP		m					1		
C-09-002	210.00	212.00	2.00	23902	PBAS	PROP		m					1		
C-09-002	212.00	214.00	2.00	23903	PBAS	PROP		m					1		
C-09-002	214.00	216.00	2.00	23904	PBAS	PROP		m					1		
C-09-002	216.00	218.00	2.00	23905	PBAS	PROP		m					1		
C-09-002	218.00	220.00	2.00	23906	BAST	PROP		w			1		tr	chl+/-py+/-cal	< 1
C-09-002	220.00	222.00	2.00	23907	BAST	PROP		w			1		tr	chl+/-py+/-cal	< 1
C-09-002	222.00	224.00	2.00	23908	BAST	PROP		w			1		tr	chl+/-py+/-cal	< 1
C-09-002	224.00	226.00	2.00		BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1

HOLE#	FROM	TO	LENGTH	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	PY %	CP %	PO%	VEIN TYPE (& fracture fill)	%
C-09-002	226.00	228.00	2.00		BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	228.00	230.00	2.00		BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	230.00	232.00	2.00		BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	232.00	234.00	2.00	23909	BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	234.00	236.00	2.00		BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	236.00	238.00	2.00		BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	238.00	240.00	2.00		BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	240.00	242.00	2.00		BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	242.00	244.00	2.00	23910	BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	244.00	246.00	2.00		BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	246.00	248.00	2.00		BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	248.00	250.00	2.00		BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	250.00	252.00	2.00		BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	252.00	254.00	2.00	23911	BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	254.00	256.00	2.00		BAST	PROP		m	tr		1		tr	chl+/-py+/-cal	< 1
C-09-002	256.00	258.00	2.00		BASA	PROP		m			1		tr		
C-09-002	258.00	260.00	2.00		BASA	PROP		m			1		tr		
C-09-002	260.00	262.00	2.00		BASA	PROP		m			1		tr		
C-09-002	262.00	264.00	2.00	23912	BASA	PROP		m			1		tr		
C-09-002	264.00	266.00	2.00		BASA	PROP		m			1		tr		
C-09-002	266.00	268.00	2.00		BASA	PROP		m			1		tr		
C-09-002	268.00	270.00	2.00		BASA	PROP		m			1		tr		
C-09-002	270.00	272.00	2.00		BASA	PROP		m			1		tr		
C-09-002	272.00	274.00	2.00	23913	BASA	PROP		m			1		tr		
C-09-002	274.00	276.00	2.00		BASA	PROP		m			1		tr		
C-09-002	276.00	278.00	2.00		BASA	PROP		m			1		tr		
C-09-002	278.00	280.00	2.00		BAST	PROP		m			tr		< 1		
C-09-002	280.00	282.00	2.00		BAST	PROP		m			tr		< 1		
C-09-002	282.00	284.00	2.00	23914	BAST	PROP		m			tr		< 1		
C-09-002	284.00	286.00	2.00		BAST	PROP		m			tr		< 1		
C-09-002	286.00	288.00	2.00		BAST	PROP		m			tr		< 1		
C-09-002	288.00	290.00	2.00		BAST	PROP		m			tr		< 1		
C-09-002	290.00	291.69	1.69	23916	BAST	PROP		m			tr		< 1		