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

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geochemical Sampling and Geological Mapping **TOTAL COST:** $32,858.00

AUTHOR(S): Cole Godfrey, D. W. Moore **SIGNATURE(S):** "DWM"

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-13-258 **YEAR OF WORK:** 2014

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5544423

PROPERTY NAME: Rottacker

CLAIM NAME(S) (on which the work was done): Rottacker (1018214,1018215)

COMMODITIES SOUGHT: Cu, Au, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 093N 098

MINING DIVISION: Omineca **NTS/BCGS:** 093N 035

LATITUDE: 55 ° 34 ' " **LONGITUDE:** 124 ° 18 ' " **(at centre of work)**

OWNER(S):

1) Serengeti Resources Inc. 2)

MAILING ADDRESS:

303-543 Granville ST

Vancouver BC V6C 1X8

OPERATOR(S) [who paid for the work]:

1) as above 2)

MAILING ADDRESS:

as above

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

Hoghem batholith, Uslika Group red conglomerates, sandstone. Takla Group sediments, monzodiorite, sericitized, chloritized, chalcopyrite, bornite mineralized vein structure

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: Clark 2013(AR 34,645), Macgregor 1967 (AR 1064)

Next Page

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	Reconnaisance	1018214	$7,940.
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	169 samples	1018214	$8,737.50
Silt			
Rock	19 samples	1018214	$906.30
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic	1 sample	1018214	$565.40
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)	2.5 line km	1018214	$13,437.40
Topographic/Photogrammetric (scale, area)		1018214	$1272.00
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$32,858.

SERENGETI
RESOURCES INC.

ASSESSMENT REPORT

Geochemical Sampling and Mapping

on the

ROTTACKER PROPERTY

Event Number 5544423

OMINECA MINING DIVISION,
British Columbia
NTS: 93N
Latitude 55°34' N, Longitude 124°18' W

Prepared By
C. Godfrey, B.Sc., D. Moore., M.Sc., P.Geo.

SERENGETI RESOURCES INC
303-543 Granville Street
Vancouver BC, V6C 1X8

March 16, 2015
Vancouver, B.C.

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(1) Introduction and Terms of Reference

The Rottacker project is located in north-central B.C. (Figure 1). The property lies in the prospective Quesnel Trough, in a highly favorable tectonic setting within the geologic and structural domain that hosts the Kwanika deposits containing 2.6 million oz Au and 2.5 billion lbs of Cu. The Rottacker property is located adjacent to the Kwanika block 20 km southeast of the Kwanika South (Cu-Mo-Au-Ag) and Central zones (Cu-Au).

The Rottacker project is 100% owned by Serengeti Resources. Serengeti Resources Inc. (Serengeti) acquired the Rottacker claim by staking in April 2013 (Figure 2). The claim's 2 contiguous tenures were acquired as a result of review of the regional prospectivity within the economic radius of the Kwanika property and a review of assessment files that reported the presence of anomalous geochemistry and a previously identified copper mineralized occurrence Additional information regarding the individual claims can be referenced in Table 1.

In 2014 Serengeti completed a $29,870.92 field exploration program June 4th to 15th 2014 period (12 days, including line cutting). Work focused on a roughly 3sq. km prospective area identified by reconnaissance geological mapping and silt and rock sampling over the entire property in 2013.

SERENGETI RESOURCES INC.
CURRENT Rottacker Tenure as of 25 February 2015

Project	*Tenure #*	*Claim Name*	*Hectares*	*NTS*	*Record Date*	*Mining Division*	*Owner*
ROTTACKER	1018214	ROTTACKER	1784.5	093N	02-Apr-2013	Omineca	SIR
ROTTACKER	1018215	ROTTACKER	294.1	093N	02-Apr-2013	Omineca	SIR
2	**claims**		**2078.7**				

Table 2: Rottacker property Tenure as of February 2015

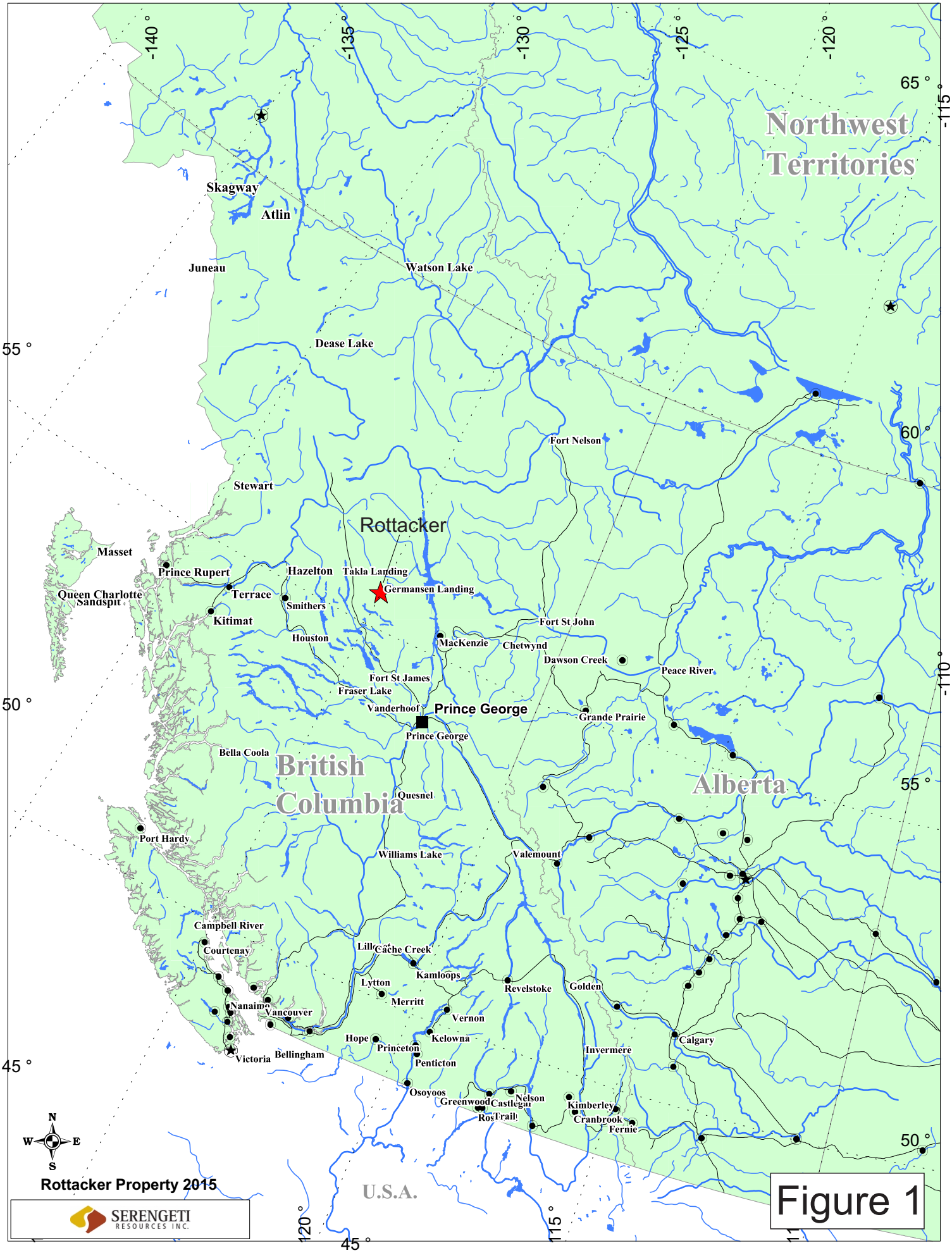
(2) Property Location and Access

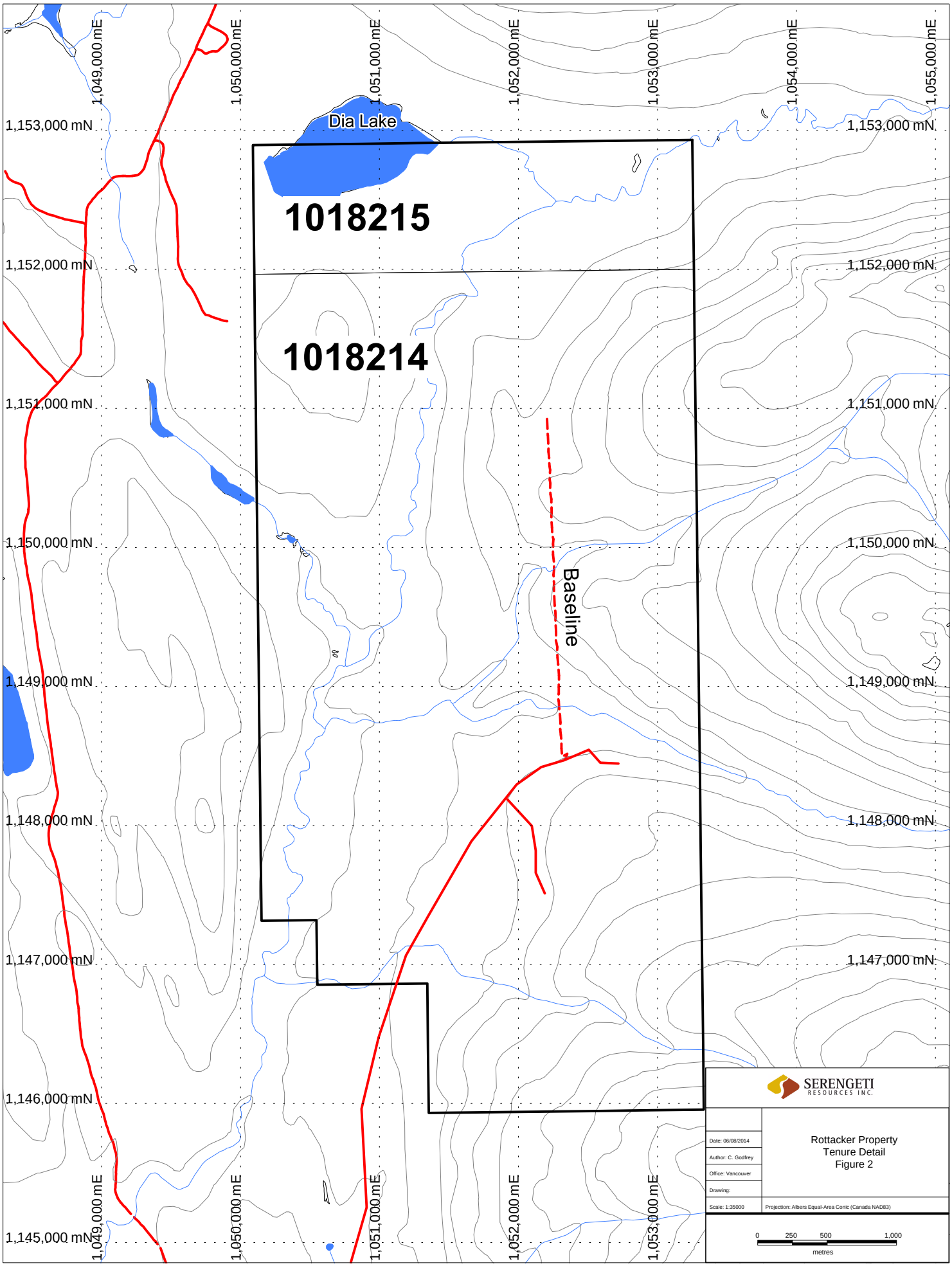
The property is located in the Quesnel Trough of North Central BC, approximately 115 km north of Fort St James and is road accessible by FSR logging roads into much of the property. Helicopter access is required for the remainder of the property although quad trails and road extensions are a possibility to improve access. In the spring of 2014, a base line was cut from the logging road at the south of the property and extends 2.5 km to the north, through the B showing area providing easy access on foot. The property is adjacent to the Kwanika project claim boundary at the southern end of the Kwanika claim block and is approximately 20 km southeast from the Kwanika Central Zone. The property also lies 35 km east of the CN Rail line to Minaret and within 90 km of the Kemess Mine high voltage power line.

The climate of region is typical of middle latitudes in Canada as the winters are cold (-5 to -25 deg Celsius) and summers are warm (20-25 degrees Celsius). Precipitation is moderate as nearby Fort St

James receives an average of 47.5 cm of precipitation per year. 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). Rottacker Creek runs through the property east of the southern end of Indata Lake. 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 southern half of the property has been or is actively being logged and logging roads also provide access to the north of the property.


Northwest Territories
Skagway
Atlin
Juneau
Watson Lake
Dease Lake
Fort Nelson
Stewart
Rottacker
Masset
Prince Rupert
Hazelton
Takla Landing
Germansen Landing
Queen Charlotte
Sandspit
Terrace
Smithers
Kitimat
Houston
Fort St John
MacKenzie
Chetwynd
Dawson Creek
Peace River
Fort St James
Fraser Lake
Vanderhoof
Prince George
Grande Prairie
Bella Coola
British Columbia
Alberta
Quesnel
Port Hardy
Williams Lake
Valemount
Campbell River
Courtenay
Lillooet
Cache Creek
Kamloops
Lytton
Revelstoke
Golden
Merritt
Nanaimo
Vancouver
Vernon
Hope
Kelowna
Calgary
Princeton
Invermere
Victoria
Bellingham
Penticton
Osoyoos
Greenwood
Castlegar
Nelson
Kimberley
Cranbrook
Fernie
Rossland
Trail
U.S.A.
-140 °
-135 °
-130 °
-125 °
-120 °
-115 °
-110 °
65 °
60 °
55 °
50 °
45 °
N
W
E
S
Rottacker Property 2015
SERENGETI RESOURCES INC.
Figure 1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1,150,000 mN
1,149,000 mN
1,148,000 mN
1,147,000 mN
1,146,000 mN
1,145,000 mN
Dia Lake
1018215
1018214
Baseline
SERENGETI RESOURCES INC.
Date: 06/08/2014
Author: C. Godfrey
Office: Vancouver
Drawing:
Scale: 1:35000
Rottacker Property
Tenure Detail
Figure 2
Projection: Albers Equal-Area Conic (Canada NAD83)
0 250 500 1,000
metres

(3) Exploration Summary

The main target type on the property is porphyry Cu-Au and current stage of exploration is target delineation and testing following up on the 2013 and 2014 fieldwork programs where surface sampling returned up to 6.8% Cu; 5.7 g/t Au; 464g/t Ag in outcrop. Soil sample results returned values as high as 293 ppm Cu in B-horizon soils and 222 ppm Cu in Ah-horizon soil samples. The 2014 sampling program confirmed the high grade B showing and also detected a 300 m by 500 m soil anomaly 500 m west of the B showing. This anomaly may lie to or near the contact between granodiorite-monzodiorite rocks of the Hogem batholith and the Uslika conglomerate.

The target area is area characterized by a northwest trending magnetic high, overlain by a red boulder conglomerate unit, geology that is similar to that overlying the high grade Central Zone of the Kwanika deposit and is bounded to the west by the Pinchi Fault Zone.

(4) Work History

Previous exploration on the Rottacker property began in the 1960's when a copper showing was discovered in Rottacker Creek, since then a number of prior operators have completed geochemical sampling and geophysical programs that have identified a number of exploration targets.

- Copper showing first discovered along a trap line along Rottacker Creek in 1960's.
- 1967 – Cominco Ltd. Geochemical program (soils/streams- 326 samples) on their B 1-20 claims- several line end (east) anomalous Cu values (MacGregor, 1967).
- 1969 – Umex-Wenner Gren Joint Venture – recon stream sediment sampling. Anomalous Mo led to staking.
- 1971 – Nation Lake Mines Ltd, 369 soil samples (analyzed for Cu, Mo, Zn) identified a discontinuous 300m X 1500m Cu-Mo soil anomaly (495 samples taken over 50 line km at 120 m intervals). One rock sample taken (Gatenby, 1971).
- 1980 – Dome exploration evaluated the claims for tungsten and molybdenum potential. Silt sampling, 10 test soil profiles, and 52.5 line km of magnetic surveys.
- 1991 – Grand America Minerals Ltd. Takla Joint Venture (Swannell Minerals Corp – operator) conducted prospecting, silt sampling (18), heavy mineral sampling (9), and rock sampling (5) over soil anomaly (Carter, 1991).
- 1992 – follow up work included reconnaissance survey grids, geological mapping (over 20% of property), rock (5) and soil (110)sampling. Rock samples Cu ranged from 1905 to 9230 ppm. No porphyry style mineralization located. Exploration targets include a malachite infilled shear zone.
- 2011 – Kiska Metals- soil geochemistry extending from Heath-North soil grid onto the Rottacker property.
- 2013 – Serengeti Resources completed property-wide prospecting, silt and rock geochemical sampling (28 silt samples, 48 rock samples) (Clarke, 2014).
- 2014 - Serengeti Resources completed a targeted soil sampling program and prospecting; (19 rock samples, 74 B-horizon soil samples & 53 Ah-horizon soil samples)

Mineral Occurrences

First recorded in 1960, the **B Showing** (Figure 3) is situated in the Omineca Mountains on a west-southwest flowing tributary to Rottacker Creek. Outcropping quartz monzonite cut by several directions of faulting is exposed in a 15-metre wide pit. Mineralization occurs in silicified and sheared qtz monzonite with hematite, chalcopyrite and pyrite found along fractures and regular joints. Potassic alteration noted adjacent to the faults. Historic grab samples from the B Showing include a 3m wide chip sample at 0.14% cu, 4.46 g/t Ag (AR3407, p6- Nation Lakes 1971).

> Minfile No 093N 098: Chalcopyrite in quartz-alkali feldspar fracture fillings in the more mafic phase with some malachite staining noted in the quartz monzonite exposed on either side of the creek. A silicified and sheared quartz monzonite outcrop (~10-15m) hosts chalcopyrite and pyrite mineralization along fractures and joints (particularly N 24° W/63° NE). Mineralization appears to be controlled by shears within the quartz monzonite intrusion.

Historical Highlights

Soils geochemical results include highlights of 145 ppb Au, 1005 ppm Cu (Cominco work, 1967 AR01064); B horizon sampling from edge of the Kwanika property (South) range from 60 to >100 ppm Cu; and an anomalous MMI response ratio by Cu near edge of Kwanika South property.

Regional Silt Geochemistry

Regional Geochemical Survey (RGS) data collected by the BCGS indicates weak-moderate gold and copper anomalies with values ranging from 3-29 ppb Au and 18-71 ppm Cu in 3 data points draining from the property (See Figure 3). No RGS samples exist along the target edge of the unconformity in the center of the property.

(5) Regional Geology

The property is within the Quesnel Terrane, a Mesozoic island arc terrane juxtaposed against the ancestral North American continental margin (Nelson and Bellefontaine, 1996). The Quesnel Trough largely comprises Upper Triassic and Lower Jurassic island arc volcanic and sedimentary units of the Takla Group (Triassic) and the Chuchi Lake and Twin Creek successions (Jurassic). The Hogem intrusive suite also features prominently, comprising Late Triassic and Early Jurassic composite plutons that are presumably the intrusive equivalents of the island arc volcanic units (Nelson and Bellefontaine, 1996).

The property geology is comprised of Mesozoic Takla Volcanics, sediments, and intrusives of the Hogem Plutonic Suite separated from the adjacent Cache Creek Terrane by the Pinchi Fault zone (Figure 4). Some discrepancies occur between the regional BCGS geology mapped in this area and the Geology of the Southern Hogem Batholith described by Gartnett 1973. Locally, to the west of the property the geology is characterized by Lower Cretaceous Uslika Formation sandstone and conglomerate (Gartnett, 1973). Also described are undivided sedimentary rocks of the late Cretaceous to Miocene Sifton Formation comprised of non-marine conglomerate, sandstone, siltstone, shale, and coal (BCGS Geology). To the east, early Jurassic quartz monzonitic to monzogranitic intrusive rocks of the Hogem Plutonic Suite are prevalent as per the BCGS geology map. Gartnett describes these units to be more monzonite to diorite in composition which is as mapped by Serengeti during the summer field program. Dioritic rocks of the Hogem Suite are mapped in the southwestern corner of the property.

Importantly, along Rottacker creek Garnett (1973) describes Red-bed conglomerates in the Geology of the Southern Hogem Batholith publication publication (MEMPR Bulletin 70) which are possibly correlatable to the unconformity bound conglomerate unit overlying the Kwanika deposit.

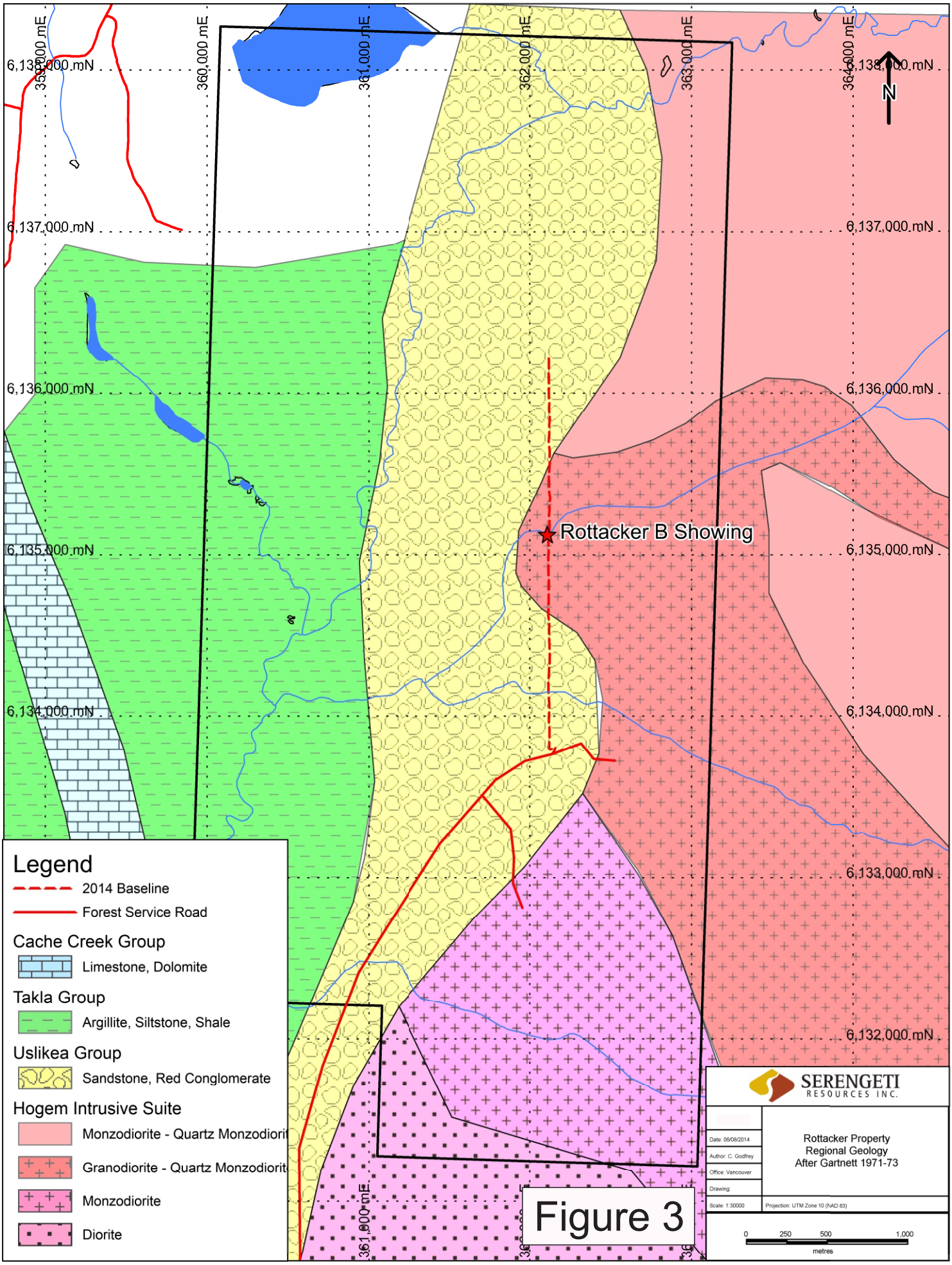
Geological observations from the 2014 field program are listed in Appendix C and accompanied by the map in Figure 5.

Structure

The property is located approximately 4 km east from the Pinchi fault, the major structural feature in the area. This regional-scale dextral transcurrent fault bounds the Quesnel Terrane and forms the western boundary to the property geology. Magnetic features point to a main structure crossing the property at approximately 140-150 degrees (NW-SE) with several subparallel trends. This is also the general structural fabric noted at the B-showing on the property. Locally a secondary fabric is thought to run through the property trending roughly E-NE to W-SW. Northerly trending faults can be seen in some outcrops.

Alteration and Mineralization

The target mineralization style is alkalic porphyry copper-gold mineralization. This style of mineralization represents a very attractive target with potentially large tonnages and moderate gold and copper grades. Alteration is predominantly described as potassic adjacent to the mineralized showing with extensive chlorite and sericite replacement; limonite and hematite are also common. Alteration is not known to be widespread as fresh quartz monzonite is found 60m on either side of the showing, however very little detailed mapping has been done in this area.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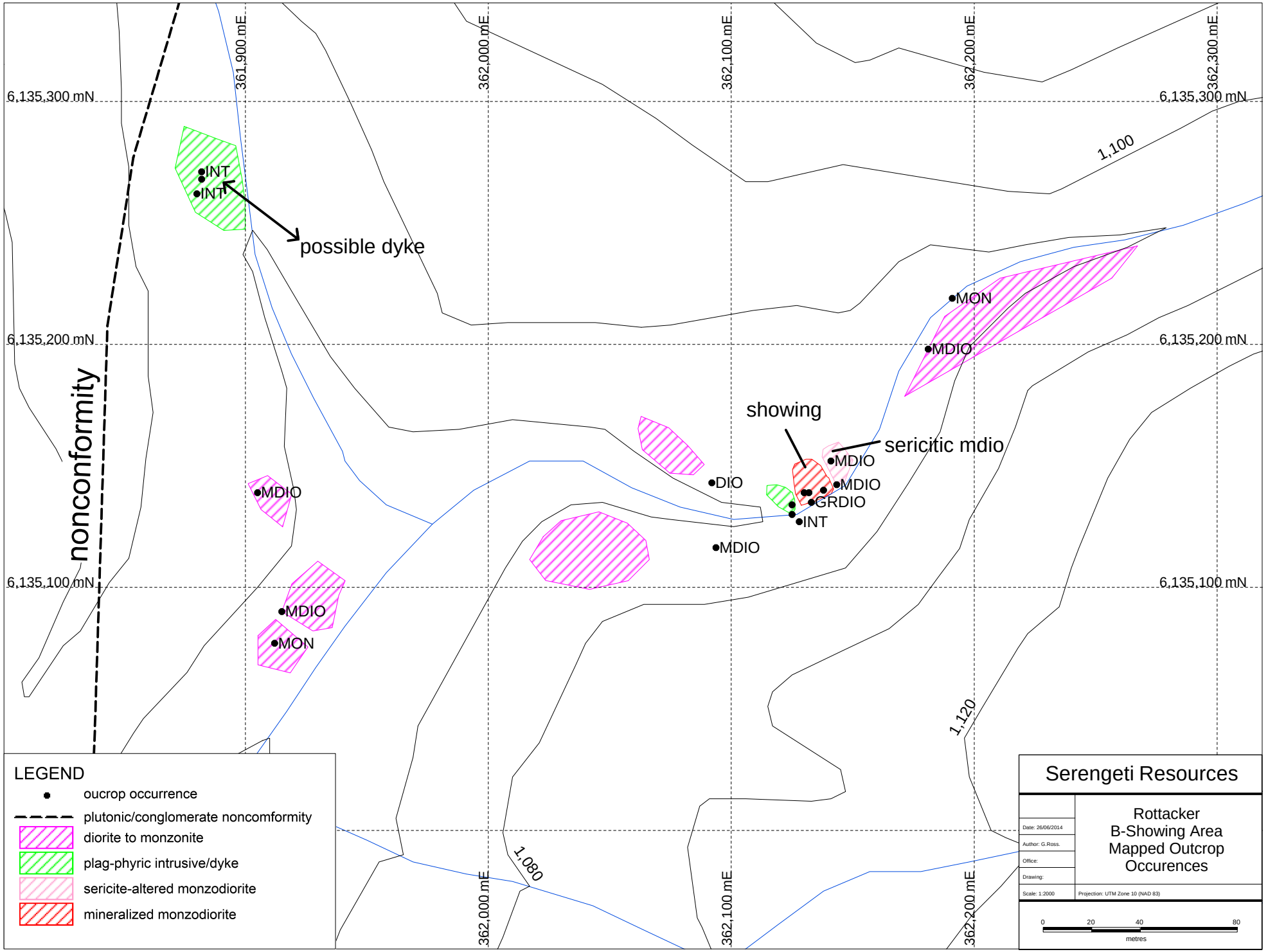
6,133,000 mN
6,132,000 mN
N
Rottacker B Showing
Legend
2014 Baseline
Forest Service Road
Cache Creek Group
Limestone, Dolomite
Takla Group
Argillite, Siltstone, Shale
Uslikea Group
Sandstone, Red Conglomerate
Hogem Intrusive Suite
Monzodiorite - Quartz Monzodiorit
Granodiorite - Quartz Monzodiorit
Monzodiorite
Diorite
SERENGETI RESOURCES INC.
Date: 06/08/2014
Author: C. Godfrey
Office: Vancouver
Drawing:
Scale: 1:30000
Projection: UTM Zone 10 (NAD 83)
Rottacker Property
Regional Geology
After Gartnett 1971-73
0
250
500
1,000
metres
Figure 3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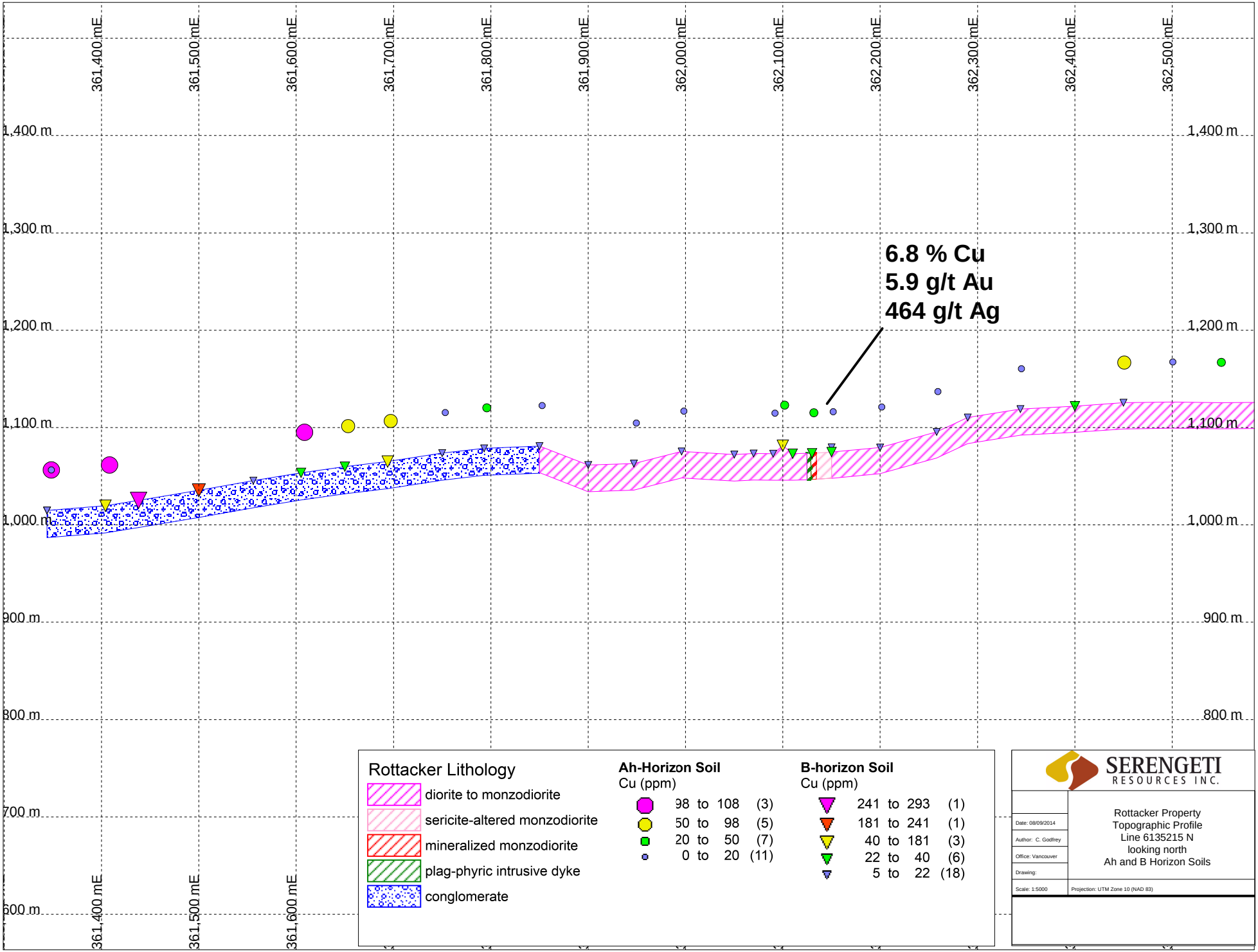
1,120
1,080
INT
INT
possible dyke
nonconformity
MON
MDIO
showing
sericitic mdio
MDIO
MDIO
GRDIO
INT
DIO
MDIO
MDIO
MDIO
MON
LEGEND
oucrop occurrence
plutonic/conglomerate noncomformity
diorite to monzonite
plag-phyric intrusive/dyke
sericite-altered monzodiorite
mineralized monzodiorite
Serengeti Resources
Rottacker
B-Showing Area
Mapped Outcrop
Occurences
Date: 26/06/2014
Author: G.Ross.
Office:
Drawing:
Scale: 1:2000
Projection: UTM Zone 10 (NAD 83)
0
20
40
80
metres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362,400 mE
362,500 mE
1,400 m
1,300 m
1,200 m
1,100 m
1,000 m
900 m
800 m
700 m
600 m
6.8 % Cu
5.9 g/t Au
464 g/t Ag
Rottacker Lithology
diorite to monzodiorite
sericite-altered monzodiorite
mineralized monzodiorite
plag-phyric intrusive dyke
conglomerate
Ah-Horizon Soil
Cu (ppm)
98 to 108 (3)
50 to 98 (5)
20 to 50 (7)
0 to 20 (11)
B-horizon Soil
Cu (ppm)
241 to 293 (1)
181 to 241 (1)
40 to 181 (3)
22 to 40 (6)
5 to 22 (18)
SERENGETI RESOURCES INC.
Rottacker Property
Topographic Profile
Line 6135215 N
looking north
Ah and B Horizon Soils
Date: 08/09/2014
Author: C. Godfrey
Office: Vancouver
Drawing:
Scale: 1:5000
Projection: UTM Zone 10 (NAD 83)

(6) Regional Geophysics

The regional geophysical data set indicates a moderately strong VTEM (Geoscience BC) response along the western claim boundary with the Kwanika South claims that correlates with a magnetic anomaly. A Tilt derivative magnetic anomaly sits directly over the B Minfile occurrence at the heart of the property, and corresponds with a circular feature transform anomaly over the occurrence. The regional total field magnetics indicates a weak to moderate anomaly over the area, however the property is directly north of a prospective flexure in the predominantly linear north-south trending magnetic highs. This may have implications for cross-cutting structures in the area, and could be indicative of a feature similar to the Kwanika main zone.

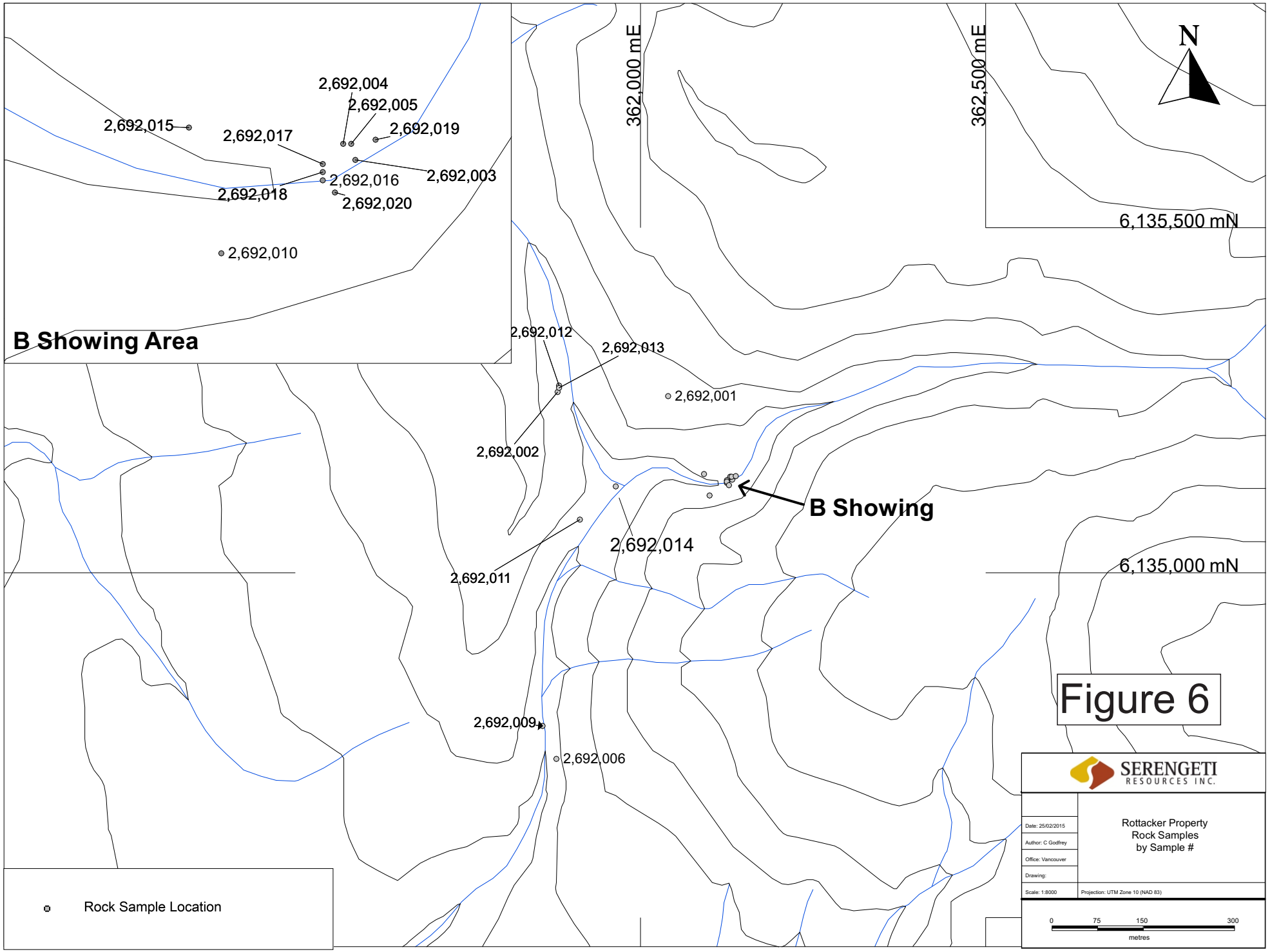
(7) 2014 Sample Collection

In 2014, Serengeti collected 74 Ah-horizon soil samples, 94 B-horizon soil samples and 19 rock samples over the investigated area. Of the total soil samples collected, only 74 B-horizon and 53 Ah-horizon samples were analyzed by the lab, the remainder have been prepped and stored (Appendix D Figure 3, 4, 5 & 6). A crew of 2 Serengeti staff members mobilized to Tchentlo Lake Lodge on June 9th. Soil and rock sampling, as well as prospecting and geological mapping were conducted from June 10th to June 15th, inclusive, in a roughly 3 sq.km area centered on the B showing.

Appendix C contains complete lists of rock samples collected and analyzed in 2014 including; sample IDs, soil depths, soil horizons and sample locations by UTM (Nad 83 Zone 10).

Refer to Figures in Appendix D for 1:10000 scale plots showing results for rock samples collected in 2014 plotted by Cu, Au over contour data labelled accordingly. The plots include maps showing: sample ID's, absolute value Cu, Au assay results for the rock samples. Appendix D also contains 1:6000 scale plots showing results for Ah-horizon and B-horizon soil samples by Cu, Au.

Samples were analyzed by the typical analytical method of ICP-Mass Spectrometry. Rock and B-horizon soils were dried at 60°C and 100g sieved to -80 mesh, while Ah-horizon soils were dried at 40°C and 100g sieved to -80 mesh. Prepared samples had 0.5g aliquots subjected to Aqua Regia digestion and Ultratrace ICP-MS analysis at ACME Labs Vancouver. See Appendix E for full sample preparation procedures, Acme Laboratory analytical codes, and a complete list of results and assay certificates for each sample.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2,692,003
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2,692,018
2,692,020
2,692,010
B Showing Area
2,692,012
2,692,013
2,692,001
2,692,002
B Showing
2,692,014
2,692,011
2,692,009
2,692,006
Figure 6
Rock Sample Location
SERENGETI RESOURCES INC.
Rottacker Property
Rock Samples
by Sample #
Date: 25/02/2015
Author: C Godfrey
Office: Vancouver
Drawing:
Scale: 1:8000
Projection: UTM Zone 10 (NAD 83)
0
75
150
300
metres

(8) Results

A total of 94 B-horizon soil samples were collected over the investigated area (Figure #). Of the 94 B-horizon samples, only 74 were analyzed. Highest values for copper returned 292.84 ppm Cu, and a mean value of 28.53 ppm Cu. Highest gold value returned 683.3 ppb Au with a mean of 12.3 ppb Au. Silver returned a maximum of 1030 ppm Ag with a mean of 148 ppb Ag.

A total of 74 Ah-horizon soil samples were collected over the investigated area (Figure #). Of the 74 Ah-horizon samples collected, only 53 were analyzed. Highest values for copper returned 221.79 ppm Cu, and a mean value of 37.29 ppm Cu. Highest gold value returned 55 ppb Au with a mean of 2.13 ppb Au. Silver returned a maximum of 1291 ppb Ag with a mean of 378 ppb Ag.

The general distribution of the most anomalous soil samples occurs 500 m to the west of the B-showing. Both Ah and B horizon soils show anomalous values over about a 300 m by 500 m area which lies at or near the unconformable contact of the Cretaceous Uslika conglomerate and the Hogem intrusive. Favorable rock values from the 2014 program have confirmed the B-showing, but were unable to expand its area. Similar chloritic altered intrusive was recorded 250 m to the northwest (Sample 2692012-13), however, mineralization was not present in this outcrop.

A total of 20 rock samples were taken (Figure 6), of which 5 were float and 14 were outcrop or subcrop grab samples. With regards to copper values, samples ranged from a minimum of 3.3 ppm to 67,660 ppm Cu, with a mean value of 5404 ppm Cu. Gold values ranged from 0.3 ppb to 5.9 g/t Au, with a mean of 336.2 ppb Au. Silver values ranged from 0.1 to 464 g/t Ag with a mean of 30.9 ppm. An apparent correlation between Au-Ag-Bi-Te in selected samples from the B-showing suggests a possible presence of gold-silver-bismuth-tellurides. Zinc values range from 6 to >10000 ppm Zn with a mean value of 1302 ppm Zn. Lead values range from a minimum of 2.1 ppm to maximum 1836.8 ppm Pb with a mean of 136.8 ppm Pb.

Highlights from rock samples include 6.8 % Cu, 5.7 g/t Au, 464 g/t Ag in rusty and weakly magnetic, highly altered granodiorite intrusive with coarse pyrite and fine chalcopyrite and bornite in B showing subcrop (sample 2692003), and 1.7 % Cu, 1 g/t Au in rusty altered intrusive with 1-2% pyrite and lesser bornite and chalcopyrite outcrop at the B showing (sample 2692020) and 0.7 % Cu, in a float sample found proximal to the B-showing of altered intrusive with bornite, chalcopyrite, pyrite and malachite (sample 2692018). These are all from the same area on the property, proximal to and over the B-Showing.

One smaple of the B-showing intrusive was sent for petrographic analysis by Panterra Geoservices. The rock was identified as a muscovite-chlorite-hematite altered biotite granite with minor chalcopyrite and pyrite. This rock is host to a semi-massive sulfide vein which is locally host to chalcopyrite-chalcocite-sphalerite-covellite-tetrahedrite-(possible) gold tellurides and (possible) Bi-minerals. The full report is listed in Appendix E.

(9) Summary and Recommendations

The Rottacker property presents an attractive target for Cu-Au porphyry exploration. The results from the 2014 sampling program have cost-effectively expanded on a prospective area for follow-up work. Ah and B horizon soil samples have outlined a 300 m by 500 m anomaly 500 m to the west of the B showing. This correlates to regional mapping (Gartnett 1978) of the contact area between the Hogem intrusive suite and Uslika conglomerate. This area presents similar characteristics to the conglomerate which overlies the highgrade Central Zone at the Kwanika deposit. Continued investigation is required.

In order to test the Kwanika model, the following steps are recommended in two phases of work.

Phase I

- A reconnaissance Induced Polarization survey should be carried out over the B-showing and continue to the west over the contact between the Hogem batholith and conglomerate and area of anomalous soil geochemistry. Once IP chargeability targets are outlined, infill IP should be used to tighten constraints on drill targets.

- Expand reconnaissance level soil geochemical coverage to the west of the 2014 identified, and open, soil anomaly.

- A small but targeted geological mapping program should also be carried out to map creeks throughout the property in order to collect as much lithological data as possible.

- In addition further geochemical sampling should be carried out to infill areas between current soil grids and the east side of the Kwanika property were prospective soil values exist on the eastern boundary of the Kwanika deposit.

Phase II

- Exploration diamond drilling program would be carried out to test targets identified by IP and geochemical sampling.

(10) References

Ministry of Energy and Mines Assessment Reports, Several as listed in the body of this report; Assessment Report #'s AR 01064, AR 03407 and AR 21551.

Carter, N. C., (1991): Report on the Airborne Geophysical Survey of the Nation 8 – 18, 28 and 19 -27, 29, 30 mineral claims. Grand America Minerals. Assessment report 21551.

Clark, H., (2013) Geochemical Sampling and Mapping on the Rottacker Property. Ministry of Energy and Mines Assessment Reports AR # 34645.

Garnett, J. A., (1978) Geology and Mineral Occurrences of the Southern Hogem Batholith. Province of British Columbia Ministry of Energy, Mines and Petroleum Resources, Bulletin 70, 75 pp.

Gatenby, L.D. (1971) Report on Rottacker Creek Property, Nation Lake Mines. Assessment Report 03407

MacGregor, D.D. (1967) Geochemical – Geological report on the B Nos. 1-20 Mineral Claims. Assessment report 01064

Nelson, J., Bellefontaine, K.. (1996): The Geology and Mineral Deposits of North-Central Quesnellia; Tezzeron Lake to Discovery Creek, Central British Columbia. Bulletin 99,British Columbia Geological Survey.

Appendix A – Expenditure Statement

Rottacker Property
2014 Cost Statement

Rottacker Property - Cost Statement - June 2014 Work

Dates worked: 4th June - 15th June 2014; July 23, 2014
13 days total

Claims worked: 1018214

Staff:	
Chief Exploration Officer - 2 days at $750/day	$1,500.00
Consulting Geologist - 7 days at $500/day	$3,500.00
Field Assistant - 7 days at $250/day	$1,750.00
Linecutting - Mincord Exploration Consultants (three men, six days)	$8,421.20
Accommodation/Camp Costs:	
Tchentlo Lake Lodge (room and board) - 31 man-days at $143/man-day	$4,433.00
Field Supplies	$308.00
Staff Mob/Demob:	
Flights between Vancouver and Prince George	$276.30
Shipping	$116.00
Communication:	
Satellite Phone Activation and Minutes	$131.10
Truck Rental:	
7 days at $109/day	$763.00
Diesel Fuel	$166.72
Samples:	
Rock Samples: 19 samples at $30/sample	$570.00
Soil Samples: 127 samples at $25/sample (prepped and analyzed)	$3,175.00
Soil Samples: 42 samples at $2.50/sample (prep only)	$105.00
Report and Data Preparation:	
5 days at $400/day	$2,000.00
5 days at $300/day	$1,500.00
Pantera Petrographic Report and Polished slabs	$355.60
Maps:	
BC Lands Trim Topographic Base Maps	$800.00
Sub Total	$29,870.92
Admin (10%)	$2,987.09
PAC (30%)	$8,961.28
TOTAL	$41,819.29

Appendix B – Geologist's Certificate

GEOLOGIST'S CERTIFICATE

I, Cole A. Godfrey of 1071 Marine Drive, Gibsons in the province of British Columbia, DO HEREBY CERTIFY:

1. That I am a Geologist with Serengeti Resources Inc.
2. That I am a 2014 Graduate of Simon Fraser University with a B.Sc. in Geology.
3. That I have practiced in the field of Geosciences since my graduation from University.
4. THAT this report is based on worked completed during the summer and fall of 2014 by staff and personal on behalf of Serengeti Resources Inc.
5. THAT this report was written by myself under the supervision and direction of David. W. Moore, President and CEO of Serengeti Resources Inc. and a Professional Geoscientist (P. Geo) Registered and in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (#28163).

DATED at Vancouver, British Columbia this 15th day of March, 2015.

Cole A. Godfrey, BSc

David W. Moore, P. Geo

Appendix C – Rock & Soil lists, collection data and field descriptions

Rottacker 2014 Program
Rock Samples

Property	Sample #	Zone	Easting (NAD83)	Northing (NAD83)	Elevation (m)	Date	Lithology	Sampler	Notes	Type of Sample (Outcrop, subcrop, float, talus)	Width (cm)	ACME Job #
Rottacker	2692001	10	362040	6135256	1080	10/06/2014	plag-phyric intrusive	GR	medium grained green diorite. trace py.	float	10	SMI14000325
Rottacker	2692002	10	361880	6135262	1071	10/06/2014	plag-phyric intrusive	GR	medium grained green diorite. trace py. Within 2m of unaltered coarse monzodiorite. Rocks very broken, contact not definable.	float	15	SMI14000325
Rottacker	2692003	10	362133	6135135	1064	11/06/2014	granodiorite (?)	GR	rusty and weakly magnetic, highly altered intrusive (granodiorite ?) in waste/blast pile of B showing. Coarse pyrite and fine chalcopyrite and bornite (rare)	subcrop	10	SMI14000325
Rottacker	2692004	10	362130	6135139	1064	11/06/2014	granodiorite (?)	GR	rusty and weakly magnetic, highly altered intrusive (granodiorite ?) from fractured outcrop of B showing. Malachite, bornite and chalcopyrite.	outcrop	10	SMI14000325
Rottacker	2692005	10	362132	6135139	1064	11/06/2014	granodiorite (?)	GR	compsite grab from newly uncovered part of B showing. Rusty and altered, fine pyrite and malachite	outcrop	30	SMI14000325
Rottacker	2692006	10	361878	6134730	1045	11/06/2014	monzodiorite	GR	15cm rusty, subvertical, joint-bound slab within outcrop exposed on steep river-left. No visible sulphidesb but gossanous.	outcrop	15	SMI14000325
Rottacker	2692007	10	361948	6136017	1125	12/06/2014	red conglomerate	GR	limonitic red conglomerate boulder under fallen tree base. Weakly lithified. Limonite in matrix.	float	10	SMI14000325
Rottacker	2692009	10	361858	6134778	1031	12/06/2014	monzonite	GR	Monzonite, medium to coarse grained. No visible sulfides. Rusty coloured and limonitic.	outcrop	10	SMI14000325
Rottacker	2692010	10	362100	6135112	1093	15/06/2014	granodiorite(?)	GR	rusty boulder in creek. Py>cp. Green med-grained granodiorite. Lacks distinctive feldspar phenocrysts of GR004 and GR005. possibly chlorite-altered v. similar to that noted at showing. 2-4% py with trace cp. Sample 2692010	float	10	SMI14000325
Rottacker	2692011	10	361912	6135077	1068	15/06/2014	monzonite	GR	broken, blocky outcrop of coarse-grained monzonite on river-right. No evidence of alteration or sulfides. Amphibole and magnetite as accessories. Moderately magnetic. Sample 2692011	outcrop	10	SMI14000325
Rottacker	2692012	10	361882	6135271	1078	15/06/2014	plag-phyric intrusive	GR	both this chloritic intrusive and fresh monzonite appear in o/c and blocky boulders in close proximity. Possibly same chlorite-alteration noted as 15-20ft band associated with shear at showing by Nation Lakes Mins 1971. This sample from blocky slope. Visible relict k-spar rare but present. no sulfides. sample 2692012	outcrop	10	SMI14000325
Rottacker	2692013	10	361882	6135268	1078	15/06/2014	plag-phyric intrusive	GR	another sample 3m away. Sample 2692013	outcrop	10	SMI14000325
Rottacker	2692014	10	361964	6135125	1055	15/06/2014	monzodiorite(?)	GR	chalcedonic float in creek. Altered boulder with what appear to be monzodioritic margins. Mostly chalcedony and various alteration minerals (sericite, chlorite). Sample 2692014	float	10	SMI14000325
Rottacker	2692015	10	362092	6135143	1065	15/06/2014	monzodiorite	GR	medium-coarse grained fresh monzodiorite outcrop on river-left. No visible sulfides. Sample 2692015	outcrop	10	SMI14000325
Rottacker	2692016	10	362125	6135130	1073	15/06/2014	plag-phyric intrusive	GR	block fallen off showing o/c. chlorite-altered monzodiorite(?) with trace py+cp. Appears has more extant k-spar than GR032 and GR032.5 but same texture. Sample 2692016	outcrop	10	SMI14000325
Rottacker	2692017	10	362125	6135134	1082	15/06/2014	plag-phyric intrusive	GR	outcrop above and a few metres to west of showing. Chloritic intrusive with little remnant k-spar v. similar to GR032. sample 2692017	outcrop	10	SMI14000325
Rottacker	2692018	10	362125	6135132	1084	15/06/2014	altered intrusive	GR	boulder dug out of soil/waste at showing. Altered intrusive w/ bornite, cp, py, malachite. Sample 2692018	float	10	SMI14000325
Rottacker	2692019	10	362138	6135140	1092	15/06/2014	monzodiorite	GR	outcrop a few m upstream from showing with interspace covered in trees/shrubs. "bleached" monzodiorite. Seems feldspars partially altered to sericite or similar. Samle 2692019	outcrop	10	SMI14000325
Rottacker	2692020	10	362128	6135127	1098	15/06/2014	altered intrusive	GR	rusty altered intrusive at showing. 1-2% py, lesser bn, cp. Sample 2692020	outcrop	10	SMI14000325

Rottacker 2014 Program
Rock Samples

Sample #	Sample#	Wgt (KG)	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	As (ppm)	Au (ppb)	Th (ppm)	Sr (ppm)	Cd (ppm)	Sb (ppm)	Bi (ppm)	V (ppm)	Ca (%)	P (%)	La (ppm)	Cr (ppm)	Mg (%)	Ba (ppm)	Ti (%)	B (ppm)	Al (%)	Na (%)	K (%)	W (ppm)	Hg (ppm)	Sc (ppm)	Tl (ppm)
2692001	2692001	1.48	0.7	108.1	2.4	51	0.1	50.3	20.9	622	3.99	3.6	2.0	1.5	38	0.1	0.1	0.1	104	1.07	0.163	6	44	1.64	88	0.143	4	1.64	0.068	0.10	0.3	0.01	2.4	0.1
2692002	2692002	1.17	0.9	112.9	18.9	55	0.2	13.3	17.6	567	3.76	4.2	2.5	1.8	70	0.2	0.1	0.1	122	1.20	0.179	7	32	1.11	71	0.157	5	1.37	0.041	0.10	0.4	0.01	2.8	0.1
2692003	2692003	1.43	48.4	**67660.0**	1836.8	**10000**	464.0	4.0	473.2	4343	23.31	22.9	**5.9 g/t**	3.4	5	77.3	0.4	1064.9	55	0.12	0.056	4	2	0.77	43	0.011	1	3.18	0.001	0.29	0.1	3.03	1.4	0.1
2692004	2692004	0.46	8.5	**6321.2**	88.5	699	7.1	2.3	95.4	3002	6.11	1.6	69.6	6.2	6	2.9	0.2	2.7	41	0.38	0.088	27	4	0.71	84	0.005	2	2.27	0.001	0.28	0.3	0.04	2.2	0.1
2692005	2692005	2.23	13.0	**2512.0**	14.4	399	6.0	2.6	36.9	1914	5.70	23.0	83.2	4.3	5	1.1	1.9	4.8	44	0.22	0.079	6	6	0.64	100	0.005	1	1.74	0.002	0.29	0.7	0.18	2.7	0.1
2692006	2692006	0.71	0.4	105.4	2.0	26	0.1	3.7	10.8	528	3.06	2.4	1.2	7.1	40	0.1	0.1	0.1	92	1.58	0.141	22	3	0.83	85	0.006	6	0.95	0.042	0.12	0.1	0.01	6.8	0.1
2692007	2692007	0.79	0.3	44.9	3.4	40	0.5	17.5	11.2	343	2.87	9.6	3.2	0.7	36	0.1	0.5	0.9	83	0.08	0.014	2	35	0.03	149	0.016	9	0.43	0.008	0.13	0.1	0.02	7.4	0.1
2692009	2692009	1.08	2.0	36.2	8.9	21	0.1	2.9	7.0	429	2.22	2.8	0.3	5.5	31	0.1	0.2	0.1	68	1.21	0.082	13	4	0.88	87	0.002	3	0.86	0.042	0.10	0.1	0.01	4.7	0.1
2692010	2692010	1.27	7.1	486.3	9.8	166	1.6	2.5	38.4	1687	7.04	7.8	5.2	5.1	7	0.1	0.1	3.4	46	0.19	0.091	3	5	0.65	80	0.004	1	1.72	0.002	0.27	0.5	0.02	2.8	0.1
2692011	2692011	0.96	0.7	63.1	8.2	33	0.1	2.7	7.0	438	2.30	2.1	0.3	3.1	26	0.1	0.1	0.1	70	0.44	0.081	8	5	0.61	70	0.066	2	0.68	0.053	0.10	0.1	0.01	2.8	0.1
2692012	2692012	1.14	1.1	132.4	3.1	46	0.1	14.5	20.0	695	4.60	3.5	0.3	1.7	49	0.1	0.1	0.1	139	1.29	0.189	7	33	1.35	65	0.130	4	1.66	0.035	0.11	0.2	0.01	2.9	0.1
2692013	2692013	0.77	0.9	94.6	4.9	86	0.1	15.2	21.0	826	4.61	4.9	1.5	2.3	41	0.2	0.1	0.1	134	0.91	0.181	8	33	1.40	78	0.170	3	1.57	0.036	0.10	0.5	0.01	3.2	0.1
2692014	2692014	1.69	0.1	3.3	5.9	6	0.1	318.9	17.2	206	1.10	1.8	27.9	0.1	7	0.1	6.9	0.1	5	0.24	0.001	1	258	2.47	37	0.001	9	0.03	0.004	0.01	0.1	0.01	1.8	0.1
2692015	2692015	0.58	0.4	12.2	2.1	18	0.1	3.2	5.1	291	2.44	4.6	0.3	2.5	45	0.1	0.1	0.1	81	0.82	0.103	8	7	0.28	114	0.069	4	0.77	0.086	0.12	0.2	0.01	1.7	0.1
2692016	2692016	1.13	0.6	141.2	2.4	173	0.1	4.3	15.4	1973	3.36	1.3	0.7	4.6	48	0.6	0.3	0.7	44	0.97	0.099	13	6	1.10	80	0.005	2	1.69	0.018	0.17	0.1	0.01	2.5	0.1
2692017	2692017	1.28	5.1	419.7	3.4	351	0.5	4.3	29.7	3359	6.90	1.2	2.0	5.6	29	2.1	0.2	1.0	71	0.90	0.102	14	5	1.34	83	0.005	1	2.60	0.006	0.24	0.3	0.01	3.7	0.1
2692018	2692018	1.47	1.7	**7726.4**	59.8	4058	12.1	2.7	171.2	3054	6.76	4.4	16.6	5.9	3	20.1	0.1	10.3	41	0.25	0.087	13	5	0.78	81	0.003	1	2.36	0.001	0.23	0.1	0.21	2.9	0.1
2692019	2692019	0.93	0.6	13.5	41.2	104	0.1	5.6	10.3	863	2.80	4.7	3.4	5.6	88	0.8	0.4	0.1	100	4.14	0.091	12	6	1.15	34	0.003	2	0.43	0.021	0.07	0.2	0.01	8.0	0.1
2692020	2692020	1.09	26.1	**16680.0**	482.2	8396	93.5	3.1	505.3	3148	11.68	18.1	**984.7**	4.0	9	36.6	0.3	129.6	71	0.22	0.076	10	4	0.53	43	0.020	2	1.67	0.002	0.52	1.8	1.07	3.0	0.3

Sample #	S (%)	Ga (ppm)	Se (ppm)	Te (ppm)
2692001	0.03	7	0.3	0.1
2692002	0.03	6	0.3	0.1
2692003	4.33	10	11.9	251.3
2692004	0.38	6	0.6	0.7
2692005	0.68	5	0.3	0.9
2692006	0.03	6	0.3	0.1
2692007	0.03	1	0.3	0.1
2692009	0.03	5	0.3	0.1
2692010	1.49	6	0.3	0.4
2692011	0.03	4	0.3	0.1
2692012	0.03	7	0.3	0.1
2692013	0.03	8	0.3	0.1
2692014	0.03	1	0.3	0.1
2692015	0.03	4	0.3	0.1
2692016	0.03	5	0.3	0.1
2692017	0.07	8	0.3	0.1
2692018	0.89	6	0.9	0.9
2692019	0.03	2	0.3	0.1
2692020	3.44	7	6.2	42.6

Rottacker Property 2014 Soil Sampling Program

Soil Data Table

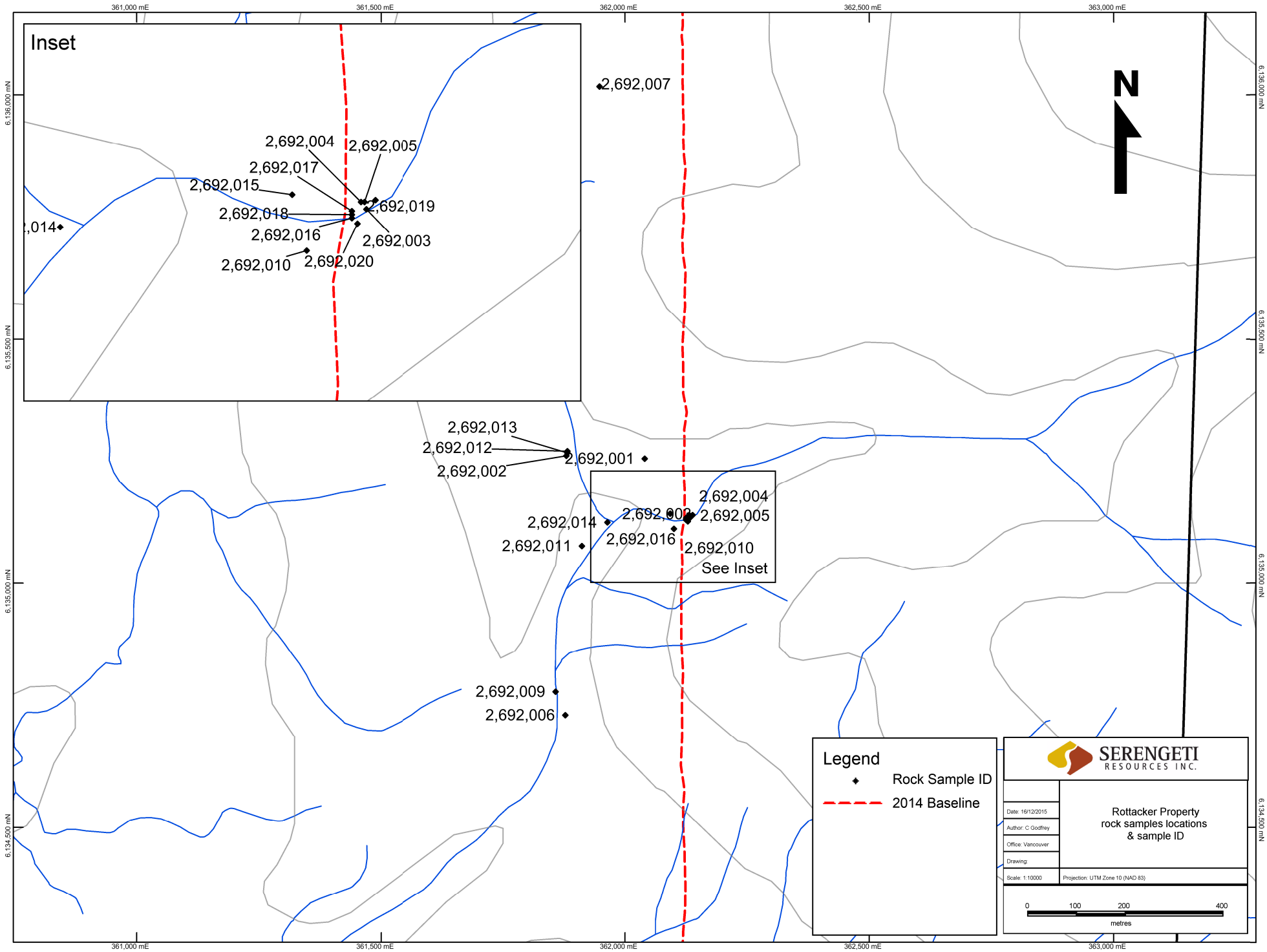
Property	Soil Horizon	Depth (cm)	Sample ID	Colour	Easting (NAD83)	Northing (NAD83)	Sampler
ROT	B	17	2691501	Bl	362788	6134225	JA
ROT	B	10	2691502	lBr	362754	6134224	JA
ROT	B	15	2691503	Br	362708	6134211	JA
ROT	B	15	2691504	Bl	362657	6134215	JA
ROT	B	10	2691505	Bl	362604	6134212	JA
ROT	B	20	2691506	lBr	362550	6134215	JA
ROT	B	15	2691507	lBr	362504	6134201	JA
ROT	B	16	2691508	Br	361996	6135203	JA
ROT	B	15	2691509	Br	361947	6135204	JA
ROT	B	20	2691510	Br	361900	6135215	JA
ROT	B	20	2691511	Br	361850	6135215	JA
ROT	B	10	2691512	Br	361793	6135207	JA
ROT	B	15	2691513	Br	361750	6135206	JA
ROT	B	30	2691514	lBr	361694	6135207	JA
ROT	B	20	2691515	lBr	361650	6135215	JA
ROT	B	15	2691516	lBr	361605	6135206	JA
ROT	B	15	2691517	Bl	361556	6135216	JA
ROT	B	16	2691518	Br	361500	6135215	JA
ROT	B	5	2691519	Br	361438	6135213	JA
ROT	B	15	2691520	Br	361404	6135203	JA
ROT	B	15	2691521	Br	361344	6135208	JA
ROT	B	10	2691522	lBr	361344	6135208	JA
ROT	B	20	2691523	lBr	362100	6135215	JA
ROT	B	10	2691524	lBr	362150	6135215	JA
ROT	B	15	2691525	lBr	362200	6135205	JA
ROT	B	5	2691526	lBr	362258	6135205	JA
ROT	B	10	2691527	lBr	362290	6135202	JA
ROT	B	10	2691528	Br	362344	6135208	JA
ROT	B	15	2691529	Br	362400	6135215	JA
ROT	B	10	2691530	Br	362450	6135215	JA
ROT	B	15	2691531	Br	361350	6135469	JA
ROT	B	5	2691532	Br	361512	6135445	JA
ROT	B	3	2691533	Bl	361557	6135456	JA
ROT	B	3	2691534	Bl	361600	6135465	JA
ROT	B	10	2691535	Br	361650	6135465	JA
ROT	B	10	2691536	Br	361700	6135465	JA
ROT	B	20	2691537	Br	361750	6135465	JA
ROT	B	10	2691538	Br	361799	6135457	JA
ROT	B	10	2691539	Br	362000	6135465	JA
ROT	B	20	2691540	Br	361359	6134964	JA
ROT	B	10	2691541	Bl	361544	6134967	JA
ROT	B	10	2691542	Br	361598	6134968	JA
ROT	B	6	2691543	Br	361648	6134961	JA

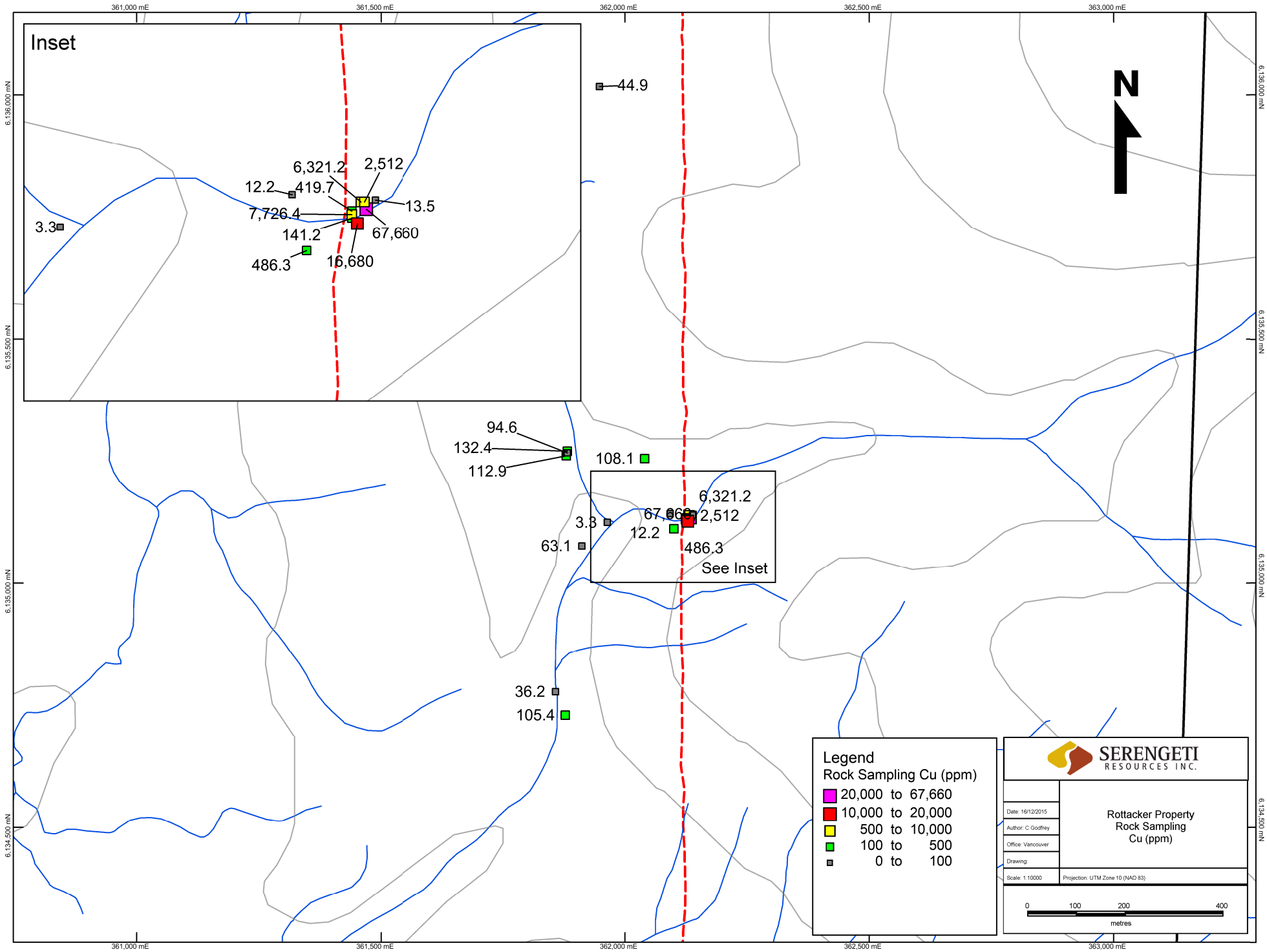
ROT	B	5	2691544	Br	361701	6134961 JA
ROT	B	5	2691545	Br	361769	6134953 JA
ROT	B	4	2691546	Br	361812	6134964 JA
ROT	B	5	2691547	Br	361850	6134965 JA
ROT	B	5	2691548	Br	361901	6134964 JA
ROT	B	5	2691549	Br	361951	6134958 JA
ROT	B	3	2691550	Br	361999	6134964 JA
ROT	B	30	2691551	lBr	362600	6135460 GR
ROT	B	30	2691552	lBr	362505	6135469 GR
ROT	B	10	2691553	lBr	362455	6135465 GR
ROT	B	8	2691554	lBr	362411	6135467 GR
ROT	B	10	2691555	lBr	362350	6135465 GR
ROT	B	7	2691556	lBr	362303	6135464 GR
ROT	B	10	2691557	lBr	362249	6135465 GR
ROT	B	5	2691558	lBr	362202	6138467 GR
ROT	B	20	2691559	lBr	362154	6135471 GR
ROT	B	20	2691560	lBr	362104	6135466 GR
ROT	B	10	2691561	lBr	362054	6135473 GR
ROT	B	10	2691562	lBr	362801	6134963 GR
ROT	B	15	2691563	lBr	362754	6134965 GR
ROT	B	15	2691564	lBr	362709	6134959 GR
ROT	B	20	2691565	lBr	362650	6134967 GR
ROT	B	20	2691566	lBr	362601	6134968 GR
ROT	B	20	2691567	lBr	362555	6134963 GR
ROT	B	20	2691568	lBr	362500	6134965 GR
ROT	B	20	2691569	lBr	362454	6134963 GR
ROT	B	20	2691570	lBr	362406	6134965 GR
ROT	B	30	2691571	lBr	362357	6134956 GR
ROT	B	30	2691572	lBr	362300	6134966 GR
ROT	B	30	2691573	lBr	362252	6134965 GR
ROT	B	30	2691574	Br	362202	6134968 GR
ROT	B	30	2691575	Br	362150	6134968 GR
ROT	B	30	2691576	Br	362105	6134962 GR
ROT	B	5	2691577	Br	362050	6134965 JA
ROT	B	7	2691601	Br	362050	6135195 JA
ROT	B	7	2691602	Br	362070	6135195 JA
ROT	B	10	2691603	Br	362090	6135195 JA
ROT	B	5	2691604	Br	362110	6135195 JA
ROT	B	10	2691605	Br	362130	6135195 JA
ROT	B	15	2691606	Br	362150	6135195 JA
ROT	B	10	2691607	Br	362150	6135095 JA
ROT	B	10	2691608	Br	362130	6135095 JA
ROT	B	10	2691609	Br	362110	6135095 JA
ROT	B	10	2691610	Br	362090	6135095 JA
ROT	B	15	2691611	Br	362070	6135095 JA
ROT	B	10	2691612	Br	362050	6135095 JA
ROT	B	5	2691613	Br	362050	6135145 JA

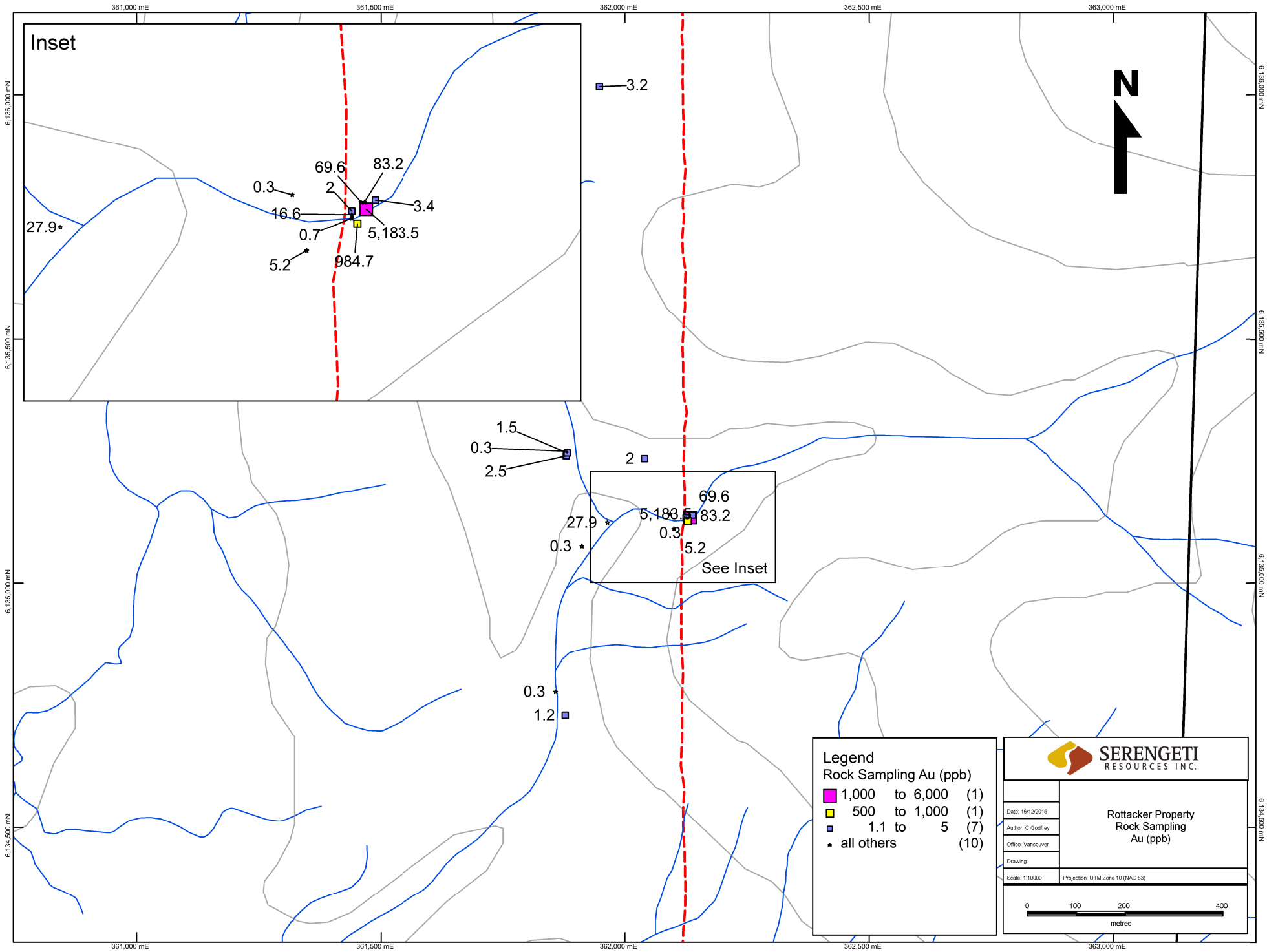
ROT	B	7	2691614	Br	362070	6135145	JA
ROT	B	10	2691615	Br	362090	6135145	JA
ROT	B	10	2691616	Br	362110	6135145	JA
ROT	B	10	2691617	Br	362130	6135145	JA
ROT	B	10	2691618	Br	362150	6135145	JA
ROT	Ah	5	2691751	lBr	362788	6134225	JA
ROT	Ah	5	2691752	lBr	362754	6134224	JA
ROT	Ah	5	2691753	lBr	362708	6134211	JA
ROT	Ah	3	2691754	Bl	362657	6134215	JA
ROT	Ah	4	2691755	Bl	362550	6134215	JA
ROT	Ah	5	2691756	Bl	362504	6134201	JA
ROT	Ah	5	2691757	Bl	361996	6135203	JA
ROT	Ah	2	2691758	Bl	361947	6135204	JA
ROT	Ah	3	2691759	Bl	361850	6135215	JA
ROT	Ah	2	2691760	Bl	361793	6135207	JA
ROT	Ah	2	2691761	Bl	361750	6135206	JA
ROT	Ah	2	2691762	Bl	361694	6135207	JA
ROT	Ah	3	2691763	Bl	361650	6135215	JA
ROT	Ah	5	2691764	Bl	361605	6135206	JA
ROT	Ah	1	2691765	Bl	361404	6135203	JA
ROT	Ah	3	2691766	Bl	361344	6135208	JA
ROT	Ah	2	2691767	Bl	362050	6135208	JA
ROT	Ah	3	2691768	Bl	362100	6135215	JA
ROT	Ah	3	2691769	Bl	362200	6135205	JA
ROT	Ah	3	2691770	Bl	362258	6135205	JA
ROT	Ah	3	2691771	Bl	362344	6135208	JA
ROT	Ah	5	2691772	Bl	362450	6135215	JA
ROT	Ah	5	2691773	Bl	362500	6135215	JA
ROT	Ah	5	2691774	Bl	362550	6135215	JA
ROT	Ah	5	2691775	Bl	362600	6135215	JA
ROT	Ah	6	2691776	Bl	362650	6135215	JA
ROT	Ah	5	2691777	Bl	362700	6135215	JA
ROT	Ah	5	2691778	Bl	362736	6135215	JA
ROT	Ah	5	2691779	Bl	362750	6135215	JA
ROT	Ah	10	2691780	Bl	361405	6135454	JA
ROT	Ah	5	2691781	Bl	361452	6135449	JA
ROT	Ah	15	2691782	Br	361747	6135469	JA
ROT	Ah	15	2691783	Br	361600	6135465	JA
ROT	Ah	5	2691784	Bl	361857	6135464	JA
ROT	Ah	5	2691785	Bl	361891	6135461	JA
ROT	Ah	6	2691786	Bl	361950	6135456	JA
ROT	Ah	2	2691787	Bl	362000	6135465	JA
ROT	Ah	2	2691788	Bl	361402	6134955	JA
ROT	Ah	2	2691789	Bl	361457	6134965	JA
ROT	Ah	5	2691790	Bl	361474	6134968	JA
ROT	Ah	3	2691791	Br	361544	6134967	JA
ROT	Ah	3	2691792	Br	361598	6134968	JA

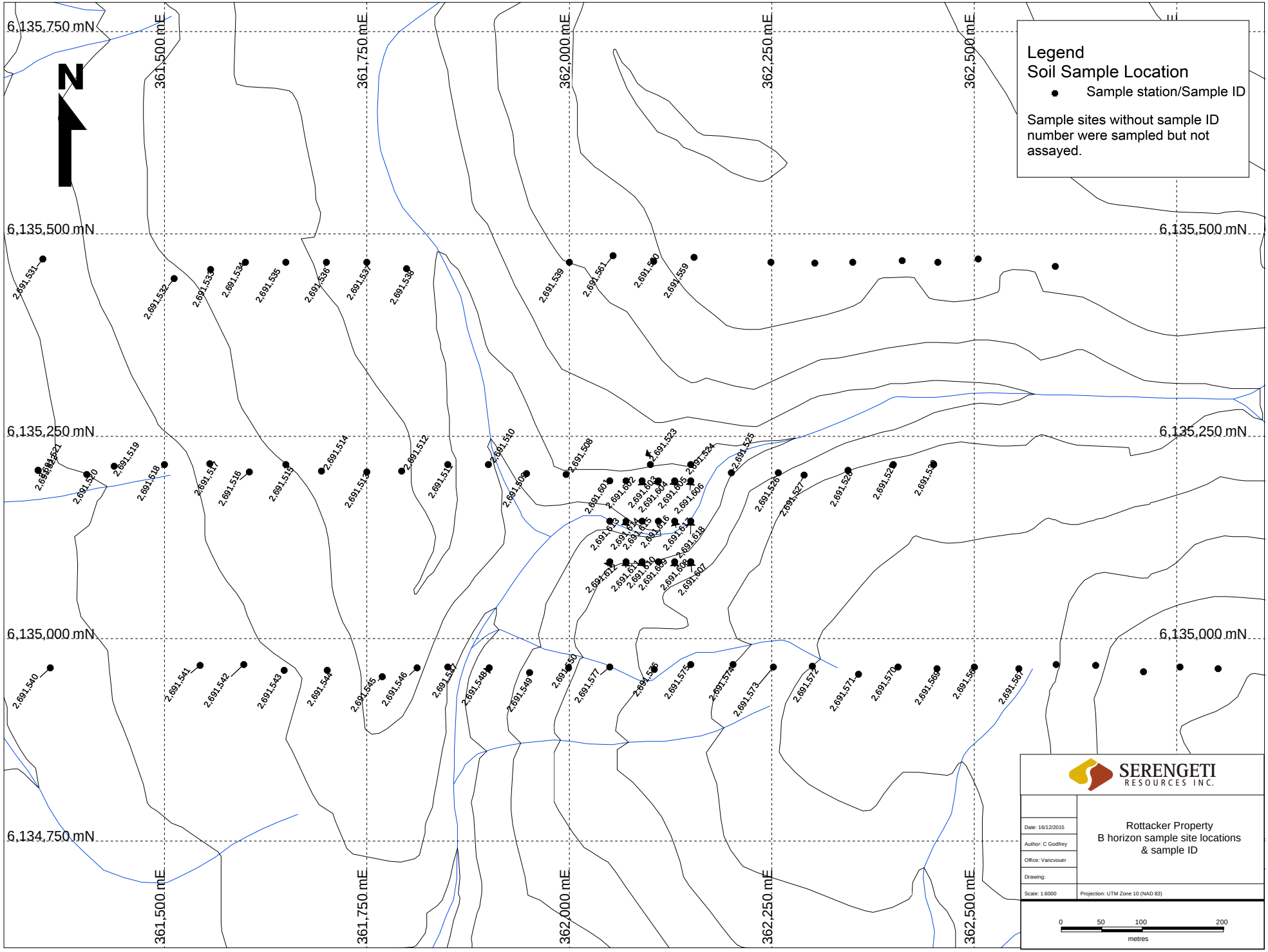
ROT	Ah	2	2691794	Bl	362090	6135195	JA
ROT	Ah	2	2691795	Bl	362130	6135195	JA
ROT	Ah	5	2691796	Bl	362150	6135195	JA
ROT	Ah	2	2691797	Bl	362150	6135095	JA
ROT	Ah	3	2691798	Bl	362130	6135095	JA
ROT	Ah	3	2691799	Bl	362110	6135095	JA
ROT	Ah	3	2691800	Bl	362090	6135095	JA
ROT	Ah	10	2691801	Bl	362802	6135464	GR
ROT	Ah	20	2691802	Bl	362752	6135460	GR
ROT	Ah	35	2691803	Bl	362700	6135472	GR
ROT	Ah	25	2691804	Bl	362652	6135468	GR
ROT	Ah	10	2691805	Bl	362600	6135460	GR
ROT	Ah	10	2691806	Bl	362551	6135463	GR
ROT	Ah	10	2691807	Bl	362505	6135469	GR
ROT	Ah	3	2691808	Bl	362455	6135465	GR
ROT	Ah	2	2691809	Bl	362411	6135467	GR
ROT	Ah	4	2691810	Bl	362154	6135471	GR
ROT	Ah	2	2691811	Bl	362104	6135466	GR
ROT	Ah	1	2691812	Bl	362054	6135473	GR
ROT	Ah	1	2691813	Bl	362801	6134963	GR
ROT	Ah	1	2691814	dBr	362754	6134965	GR
ROT	Ah	5	2691815	dBr	362709	6134959	GR
ROT	Ah	3	2691816	Bl	362650	6134967	GR
ROT	Ah	3	2691817	Bl	362601	6134968	GR
ROT	Ah	2	2691818	dBr	362454	6134963	GR
ROT	Ah	3	2691819	Bl	362406	6134965	GR
ROT	Ah	5	2691820	Bl	362357	6134956	GR
ROT	Ah	5	2691821	dBr	362300	6134966	GR
ROT	Ah	5	2691822	Bl	362202	6134968	GR
ROT	Ah	1	2691851	Bl	362070	6135145	JA
ROT	Ah	2	2691852	Bl	362090	6135145	JA

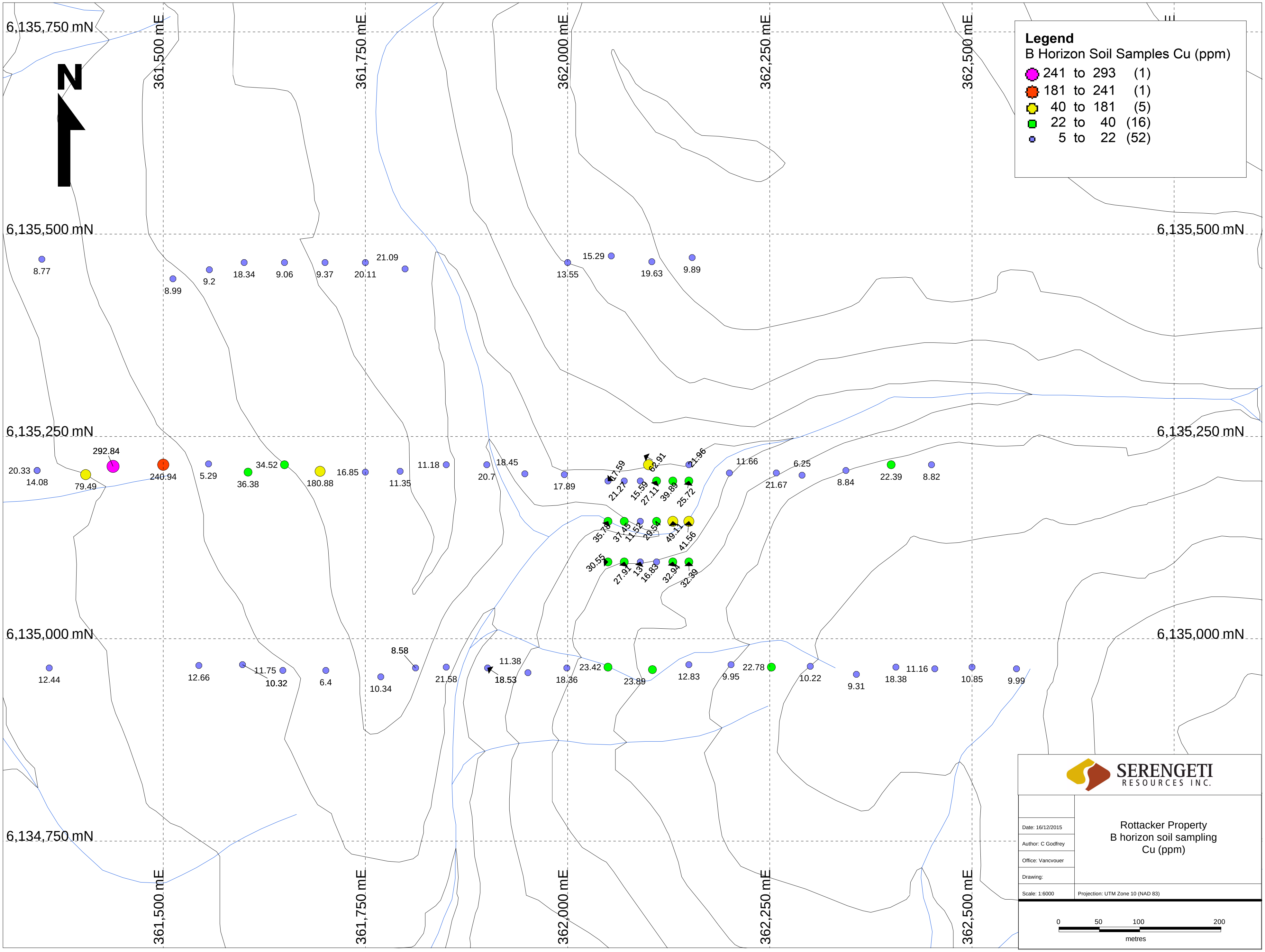
Appendix D – Geochemistry Plots 2014 Rock & Soil Samples

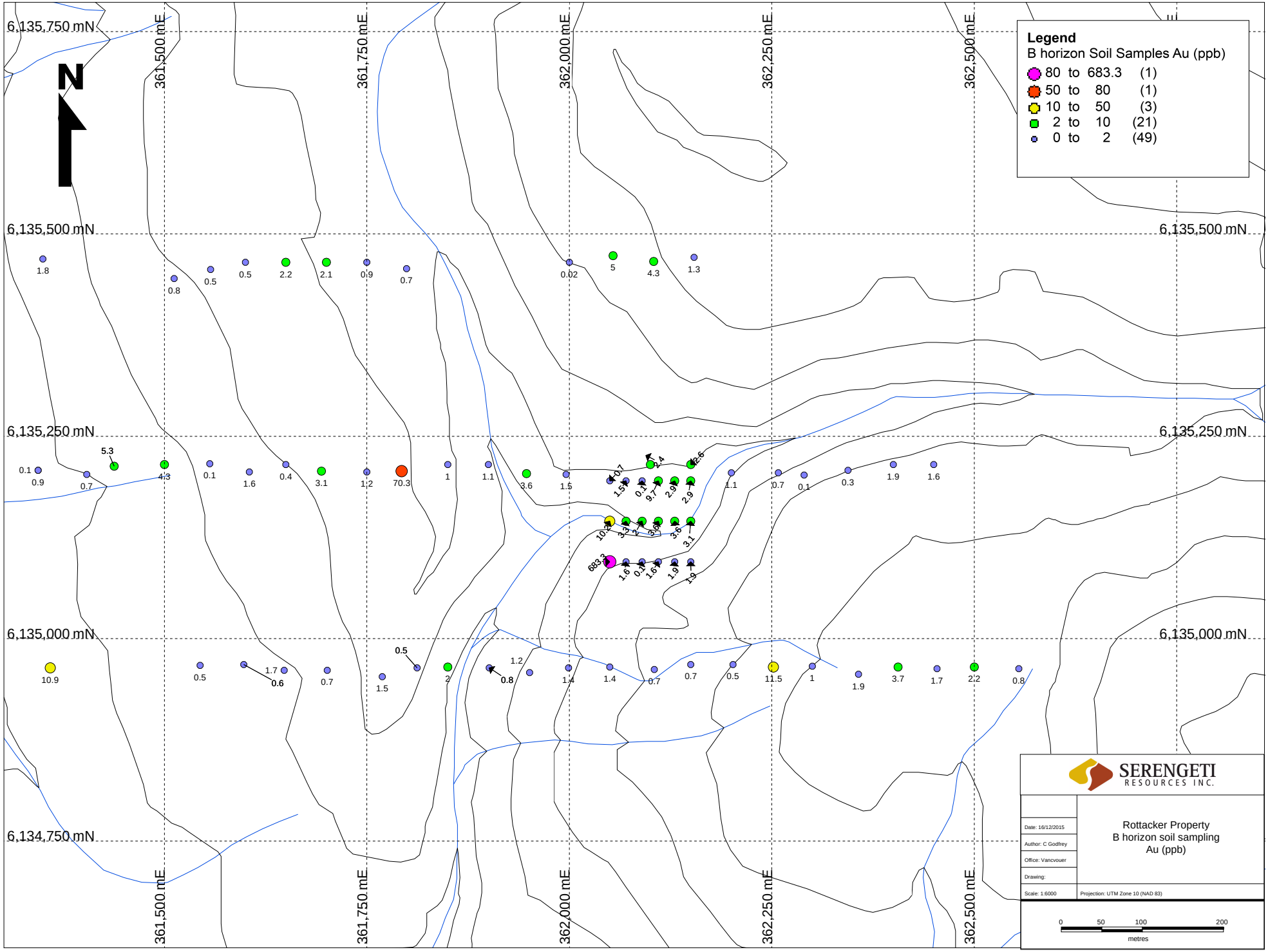

Inset
361,000 mE
361,500 mE
362,000 mE
362,500 mE
363,000 mE
6,136,000 mN
6,135,500 mN
6,135,000 mN
6,134,500 mN
N
2,692,007
2,692,004
2,692,005
2,692,017
2,692,015
2,692,019
2,692,018
2,692,016
2,692,003
2,692,010
2,692,020
,014
2,692,013
2,692,012
2,692,001
2,692,002
2,692,004
2,692,014
2,692,005
2,692,011
2,692,016
2,692,010
See Inset
2,692,009
2,692,006
Legend
Rock Sample ID
2014 Baseline
SERENGETI RESOURCES INC.
Date: 16/12/2015
Author: C Godfrey
Office: Vancouver
Drawing:
Scale: 1:10000
Projection: UTM Zone 10 (NAD 83)
Rottacker Property
rock samples locations
& sample ID
0
100
200
400
metres

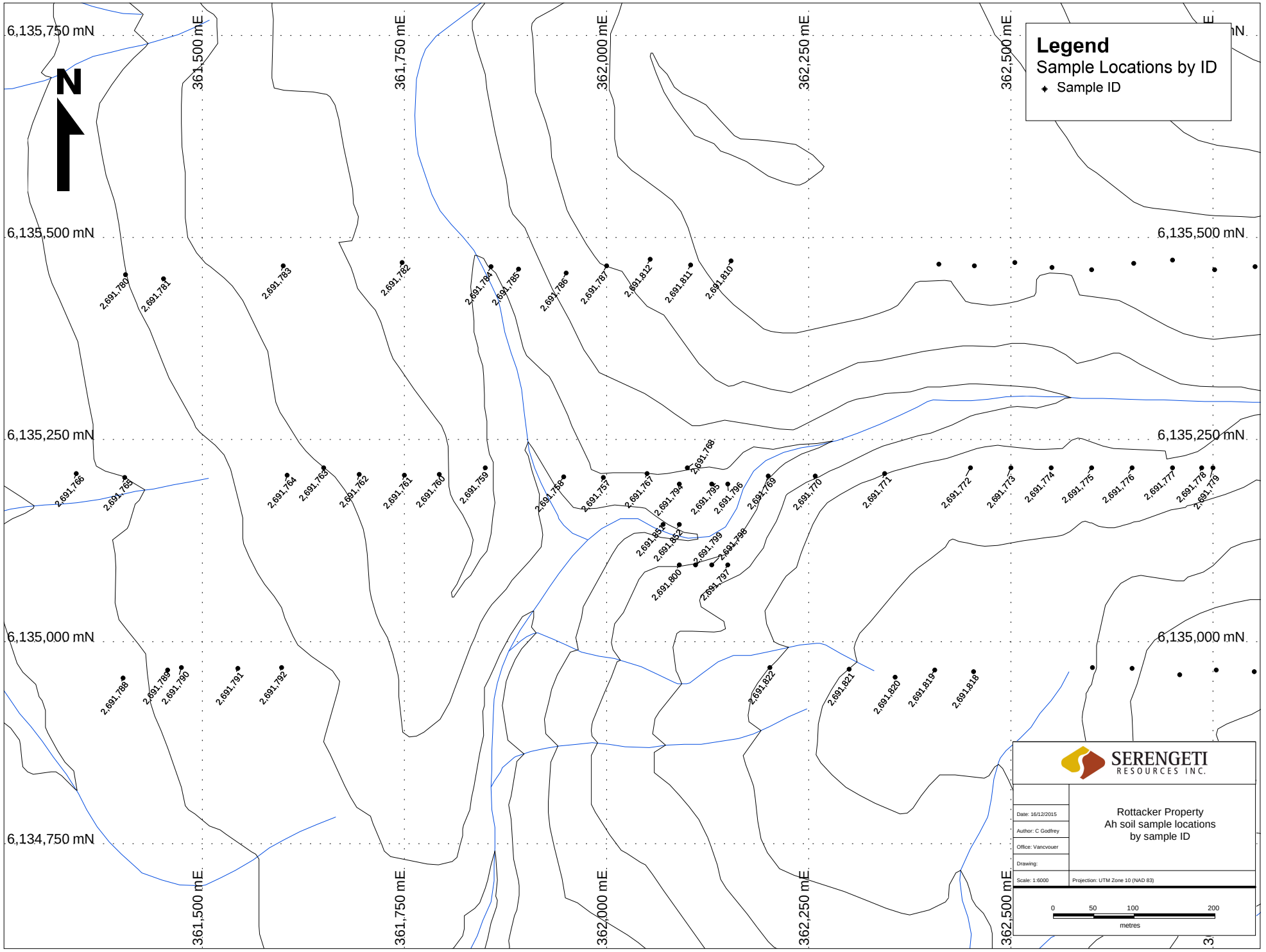

361,000 mE
361,500 mE
362,000 mE
362,500 mE
363,000 mE
6,136,000 mN
6,135,500 mN
6,135,000 mN
6,134,500 mN
Inset
44.9
6,321.2
2,512
12.2
419.7
13.5
7,726.4
3.3
141.2
67,660
486.3
16,680
94.6
132.4
112.9
108.1
6,321.2
67,660
2,512
3.3
12.2
63.1
486.3
See Inset
36.2
105.4
N
Legend
Rock Sampling Cu (ppm)
20,000 to 67,660
10,000 to 20,000
500 to 10,000
100 to 500
0 to 100
SERENGETI RESOURCES INC.
Date: 16/12/2015
Author: C Godfrey
Office: Vancouver
Drawing:
Scale: 1:10000
Projection: UTM Zone 10 (NAD 83)
Rottacker Property
Rock Sampling
Cu (ppm)
0
100
200
400
metres

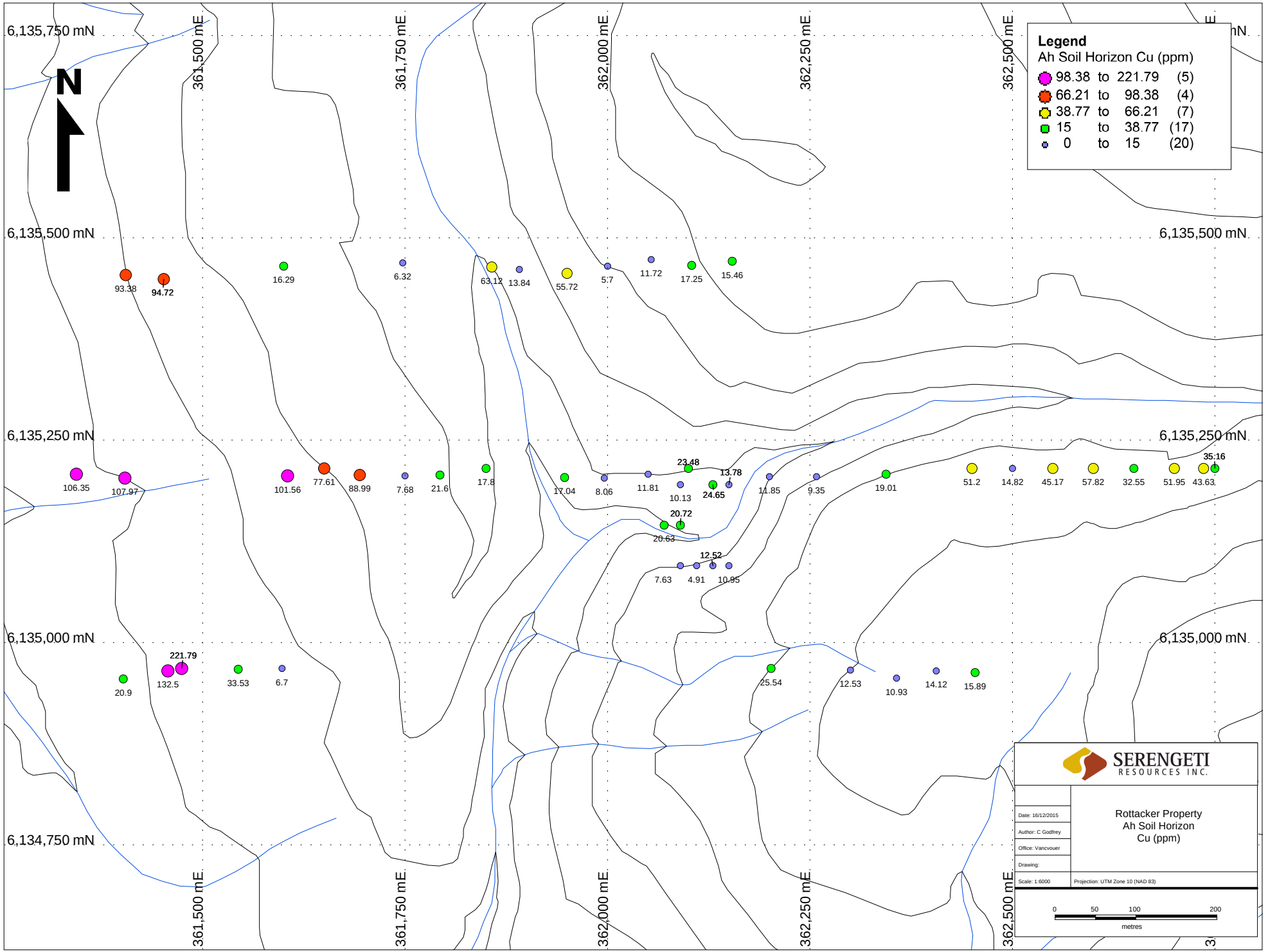

361,000 mE
361,500 mE
362,000 mE
362,500 mE
363,000 mE
6,136,000 mN
6,135,500 mN
6,135,000 mN
6,134,500 mN
Inset
69.6
83.2
0.3
2
3.4
16.6
27.9
0.7
5,183.5
5.2
984.7
3.2
1.5
0.3
2.5
2
69.6
5,183.5
83.2
27.9
0.3
0.3
5.2
See Inset
0.3
1.2
N
Legend
Rock Sampling Au (ppb)
1,000 to 6,000 (1)
500 to 1,000 (1)
1.1 to 5 (7)
all others (10)
SERENGETI RESOURCES INC.
Date: 16/12/2015
Author: C Godfrey
Office: Vancouver
Drawing:
Scale: 1:10000
Projection: UTM Zone 10 (NAD 83)
Rottacker Property
Rock Sampling
Au (ppb)
0
100
200
400
metres

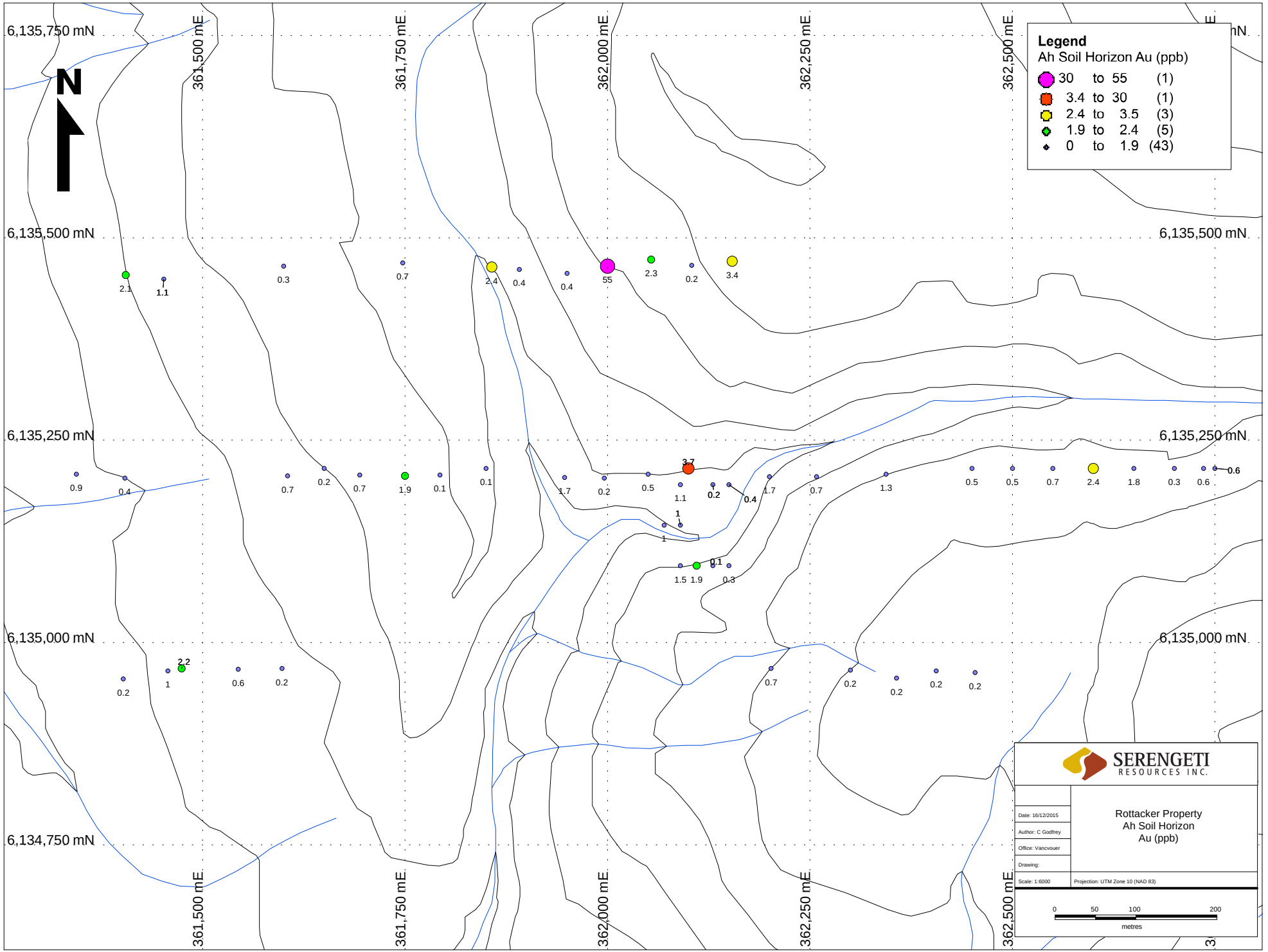

Legend
Soil Sample Location
Sample station/Sample ID
Sample sites without sample ID number were sampled but not assayed.
N
6,135,750 mN
6,135,500 mN
6,135,250 mN
6,135,000 mN
6,134,750 mN
361,500 mE
361,750 mE
362,000 mE
362,250 mE
362,500 mE
SERENGETI RESOURCES INC.
Rottacker Property
B horizon sample site locations & sample ID
Date: 16/12/2015
Author: C Godfrey
Office: Vancvouer
Drawing:
Scale: 1:6000
Projection: UTM Zone 10 (NAD 83)
0 50 100 200
metres


N
Legend
B Horizon Soil Samples Cu (ppm)
241 to 293 (1)
181 to 241 (1)
40 to 181 (5)
22 to 40 (16)
5 to 22 (52)
6,135,750 mN
6,135,500 mN
6,135,250 mN
6,135,000 mN
6,134,750 mN
361,500 mE
361,750 mE
362,000 mE
362,250 mE
362,500 mE
8.77
8.99
9.2
18.34
9.06
9.37
20.11
21.09
13.55
15.29
19.63
9.89
20.33
14.08
79.49
292.84
240.94
5.29
36.38
34.52
180.88
16.85
11.35
11.18
20.7
18.45
17.89
11.66
21.67
6.25
8.84
22.39
8.82
12.44
12.66
11.75
10.32
6.4
10.34
8.58
21.58
11.38
18.53
18.36
23.42
23.89
12.83
9.95
22.78
10.22
9.31
18.38
11.16
10.85
9.99
SERENGETI
RESOURCES INC.
Date: 16/12/2015
Author: C Godfrey
Office: Vancouver
Drawing:
Scale: 1:6000
Projection: UTM Zone 10 (NAD 83)
Rottacker Property
B horizon soil sampling
Cu (ppm)
0
50
100
200
metres


Legend
B horizon Soil Samples Au (ppb)
80 to 683.3 (1)
50 to 80 (1)
10 to 50 (3)
2 to 10 (21)
0 to 2 (49)
N
6,135,750 mN
6,135,500 mN
6,135,250 mN
6,135,000 mN
6,134,750 mN
361,500 mE
361,750 mE
362,000 mE
362,250 mE
362,500 mE
SERENGETI RESOURCES INC.
Rottacker Property
B horizon soil sampling
Au (ppb)
Date: 16/12/2015
Author: C Godfrey
Office: Vancvouer
Drawing:
Scale: 1:6000
Projection: UTM Zone 10 (NAD 83)
0 50 100 200
metres


Legend
Sample Locations by ID
Sample ID
N
6,135,750 mN
6,135,500 mN
6,135,250 mN
6,135,000 mN
6,134,750 mN
361,500 mE
361,750 mE
362,000 mE
362,250 mE
362,500 mE
2.691.780
2.691.781
2.691.783
2.691.782
2.691.784
2.691.785
2.691.786
2.691.787
2.691.812
2.691.811
2.691.810
2.691.766
2.691.765
2.691.764
2.691.763
2.691.762
2.691.761
2.691.760
2.691.759
2.691.758
2.691.757
2.691.767
2.691.768
2.691.795
2.691.796
2.691.769
2.691.770
2.691.771
2.691.772
2.691.773
2.691.774
2.691.775
2.691.776
2.691.777
2.691.778
2.691.779
2.691.799
2.691.798
2.691.797
2.691.800
2.691.788
2.691.789
2.691.790
2.691.791
2.691.792
2.691.822
2.691.821
2.691.820
2.691.819
2.691.818
SERENGETI RESOURCES INC.
Rottacker Property
Ah soil sample locations
by sample ID
Date: 16/12/2015
Author: C Godfrey
Office: Vancvouer
Drawing:
Scale: 1:6000
Projection: UTM Zone 10 (NAD 83)
0
50
100
200
metres


Legend
Ah Soil Horizon Cu (ppm)
98.38 to 221.79 (5)
66.21 to 98.38 (4)
38.77 to 66.21 (7)
15 to 38.77 (17)
0 to 15 (20)
N
6,135,750 mN
6,135,500 mN
6,135,250 mN
6,135,000 mN
6,134,750 mN
361,500 mE
361,750 mE
362,000 mE
362,250 mE
362,500 mE
93.38
94.72
16.29
6.32
63.12
13.84
55.72
5.7
11.72
17.25
15.46
106.35
107.97
101.56
77.61
88.99
7.68
21.6
17.8
17.04
8.06
11.81
23.48
10.13
24.65
13.78
11.85
9.35
19.01
51.2
14.82
45.17
57.82
32.55
51.95
43.63
35.16
20.72
20.63
12.52
7.63
4.91
10.95
20.9
221.79
132.5
33.53
6.7
25.54
12.53
10.93
14.12
15.89
SERENGETI RESOURCES INC.
Rottacker Property
Ah Soil Horizon
Cu (ppm)
Date: 16/12/2015
Author: C Godfrey
Office: Vancvouer
Drawing:
Scale: 1:6000
Projection: UTM Zone 10 (NAD 83)
0 50 100 200
metres


Legend
Ah Soil Horizon Au (ppb)
30 to 55 (1)
3.4 to 30 (1)
2.4 to 3.5 (3)
1.9 to 2.4 (5)
0 to 1.9 (43)
N
6,135,750 mN
6,135,500 mN
6,135,250 mN
6,135,000 mN
6,134,750 mN
361,500 mE
361,750 mE
362,000 mE
362,250 mE
362,500 mE
SERENGETI RESOURCES INC.
Rottacker Property
Ah Soil Horizon
Au (ppb)
Date: 16/12/2015
Author: C Godfrey
Office: Vancvouer
Drawing:
Scale: 1:6000
Projection: UTM Zone 10 (NAD 83)
0 50 100 200
metres

Appendix E – Petrographic Report

SAMPLE: Rottacker A – Host rock to semi-massive sulphide vein
LITHOLOGY: Biotite Granite
ALTERATION: Muscovite-Chlorite-Hematite

Hand Sample Descriptions: The host rock is a fine-grained equigranular, crystalline rock, with a grain size of 1-2.5 mm. It is comprised of interlocking quartz, feldspars, and black-green mafic minerals. There is reddish hematite stain on fractures, and possibly some hematite altered crystals disseminated in the sample. A minor amount of extremely fine-grained chalcopyrite is disseminated in the rock.

TRANSLUCENT MINERALS

Mineral	%	Distribution and Characteristics	Opt. Prop.
muscovite	50	<0.3 mm, randomly oriented to radiating sheaves of flakes overprinting feldspars, colourless	3rd order biref.
quartz	35	up to 2.5 mm, anhedral crystals, intergrown with altered feldspar and mafics, clear, undulose extinction	1st order biref.
chlorite	10	<0.1 – 1 mm, scaly masses and discrete larger flakes, overprinting mafic component of rock, mixed with muscovite, intense green pleochroic, probably high Fe-chlorite	masked 1st order biref.
unknown	03	<0.5 mm, scaly to fibrous mineral intergrown with chlorite, possibly replacing it, faintly orange, dusted with minute Fe-oxide granules	1st order biref.
titanite?	minor	<0.5 mm, anhedral crystals, nearly opaque, rusty looking, possibly leucoxene altered	extreme biref.
apatite	minor	<0.75 mm, slender prismatic crystals, clear, colourless, parallel extinction	1st order biref.
zircon	trace	<0.2 mm, prismatic crystal intergrown with chlorite, clear, colourless	high biref.
feldspar	-	originally dominant component of rock, intergrown with quartz, now altered to muscovite mixed with quartz-chlorite	
biotite	-	likely the original mafic component of this rock, totally chlorite altered	

OPAQUE MINERALS

Mineral	%	Distribution and Characteristics	Reflectance
Fe-oxides	02	minute granules and stain on other minerals in fractures, likely both hematite and limonite (red and yellow translucent crystals)	pale grey
chalcopyrite	minor	<0.5 mm, anhedral crystals, in clusters, a few crystals in quartz	deep yellow
pyrite	trace	<0.2 mm, a few scattered anhedral crystals,	pale yellow

Thin Section Description: The wallrock was likely comprised of interlocking feldspar, quartz and biotite, with accessory titanite, apatite and zircon. The original composition of the feldspars is unknown. They are totally replaced by masses of fine-grained muscovite flakes. The mafic component is replaced by dark green chlorite, intergrown with a second nearly colourless mineral, which may be replacing the chlorite. Minute oxide granules dust this mineral. The original quartz looks strained, and there is secondary fine-grained quartz mixed with the muscovite and chlorite alteration. What may have been titanite (or magnetite?) is nearly opaque and mostly hematite altered. Yellow to brown Fe-oxides occur in fractures.

SAMPLE: Rottacker B
LITHOLOGY: Semi-massive sulphide vein

Hand Sample Description: A polished section has been prepared from this sample. It is comprised of coarse-grained interlocking pyrite and chalcopyrite in approximately equal proportions. The pyrite occurs as masses of coalescing semi-cubic to cubic crystals. The chalcopyrite encloses the pyrite. Gangue minerals trapped in the sulphides (~10%) appear greenish.

OPAQUE MINERALS

Mineral	%	Distribution and Characteristics	Reflectance
chalcopyrite	50	up to 1 cm, optically continuous but anhedral crystals, encapsulating pyrite and other sulphide phases	deep yellow
pyrite	46	up to 3 mm, masses of semi-cubic crystals coalescing together and overgrown by chalcopyrite	pale yellow
Fe-oxides	02	filling fractures in chalcopyrite-pyrite	dull grey
chalcocite?	02	rims on chalcopyrite, replacing fine-grained chalcopyrite in gangue	dull grey
sphalerite	<01	<0.3 mm, anhedral crystasl included in chalcopyrite or attached to margins of both chalcopyrite and pyrite, dusted with chalcopyrite	dull grey
covellite	minor	<0.2 mm, alteration of chalcopyrite and possible tetrahedrite, on edges of crystals, anisotropic red	blue
tetrahedrite?	minor	<0.3 mm, anhedral crystals included in chalcopyrite, higher relief than sphalerite, isotropic	dull grey
Au mineral?	trace	<30 um, inclusions in pyrite and on pyrite crystal boundaries, not quite bright enough for pure Au, possibly Bi or Te Au-minerals	bright yellow
galena and/or Bi-minerals	trace	<30 um, inclusions in pyrite and on pyrite crystal boundaries, associated with possible Au-mineral inclusions, anisotropic, bright reflectance though very small	pale grey

Thin Section Description: The sample is comprised of approximately equal amounts of pyrite and chalcopyrite. The gangue minerals are dominantly quartz and carbonate. Pyrite occurs as interlocking semi-cubic crystals <0.2 up to 3 mm across. The pyrite is overgrown by the chalcopyrite which partially to fully encapsulates it, and partially digests it, as well as filling fractures in the pyrite. Pyrite contains a minor amount of chalcopyrite inclusions, but this chalcopyrite is likely internally replacing the pyrite. There are several phases of grey minerals. Dull grey sphalerite, some crystals dusted with submicron chalcopyrite, occurs on the margins of pyrite and chalcopyrite, and is included in chalcopyrite. A second dull grey phase occurs in proximity to the sphalerite in the chalcopyrite. This may be tetrahedrite. Secondary blue covellite partially replaces some of these grey inclusions, and also the edges of the chalcopyrite. There may also be dull grey chalcocite replaces the margins of fine-grained chalcopyrite in contact with gangue. Dull grey Fe-oxides occur in fractures. The pyrite is generally inclusion free, but some crystals have both pale grey and brighter yellow inclusions. These minerals also occur on the boundaries between pyrite crystals. The minerals are minute and difficult to see well on a standard microscope, but may be galena or possibly Bi-minerals, and associated Au minerals, possibly Au-tellurides. The crystals do not look bright enough to be native gold. Further analyses of these inclusions on a scanning electron microscope or microprobe would be necessary to confirm their composition.

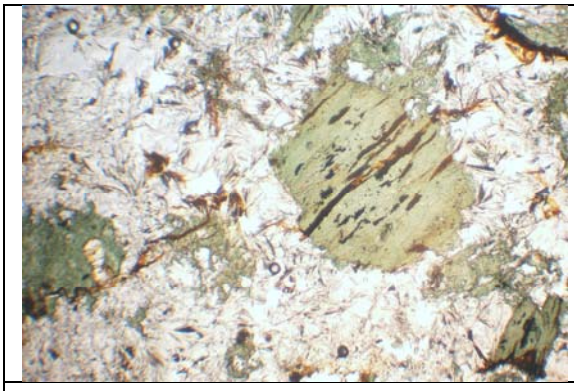


Photo 3a: Rottacker. The wallrock was comprised of feldspar, quartz and probably biotite. Biotite is totally altered to dark green chlorite. ppl, fov 3 mm.

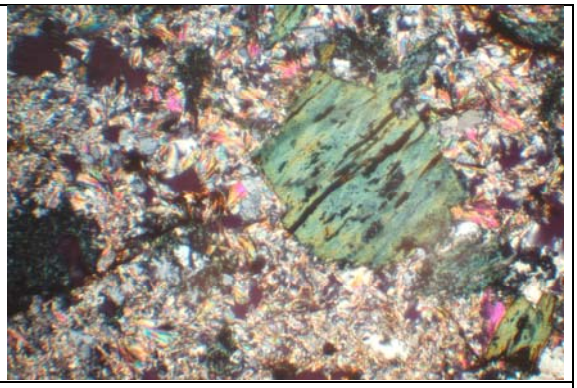


Photo 3b: Same as previous image. The feldspar is replaced by masses of fine-grained muscovite flakes, mixed with secondary quartz. xpl, fov 3 mm.

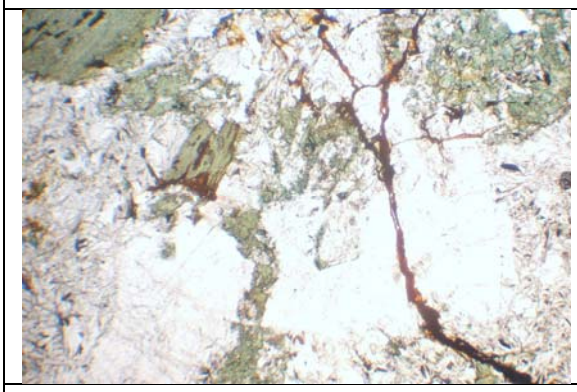


Photo 3c: Primary quartz is anhedral. Fe-oxide coated fractures cut the host rock and stain the chlorite. ppl, fov 3 mm.

Photo 3d: Same as previous image. The quartz is strained but other than muscovite on its edges is unaltered. xpl, fov 3 mm.

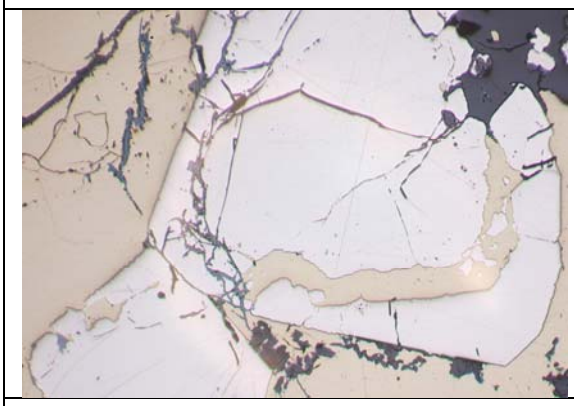


Photo 3e: Masses of cubic pyrite crystals are overprinted by chalcopyrite. These crystals are partially absorbed. Grey hematite and blue covellite (left) occur in fractures in the chalcopyrite-pyrite rl, fov 1.5 mm.

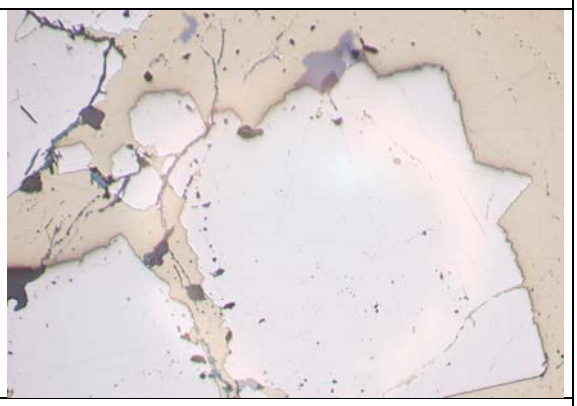


Photo 3f: Pyrite encapsulated in chalcopyrite. Grey minerals are attached to the margin of the pyrite (top). Sphalerite is present, the second dull grey mineral may be tetrahedrite. rl, fov 1.5 mm.

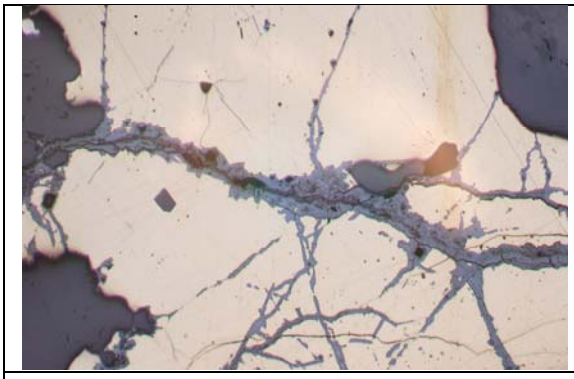


Photo 3g: Oxidized fractures in the chalcopyrite, with covellite, possibly chalcocite and Fe-oxides. rl, fov 1.5 mm.

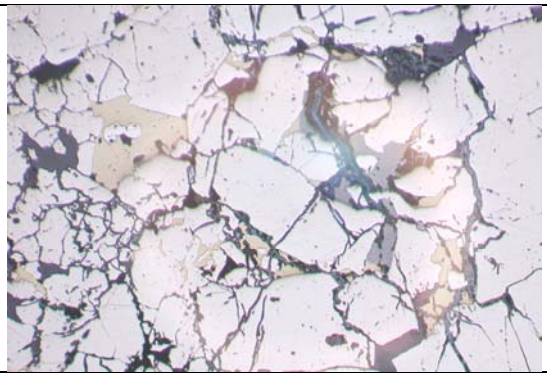


Photo 3h: Fractured mass of pyrite, with interstitial and fracture-fill chalcopyrite and sphalerite, and blue covellite coated fractures. rl, fov 1.5 mm.

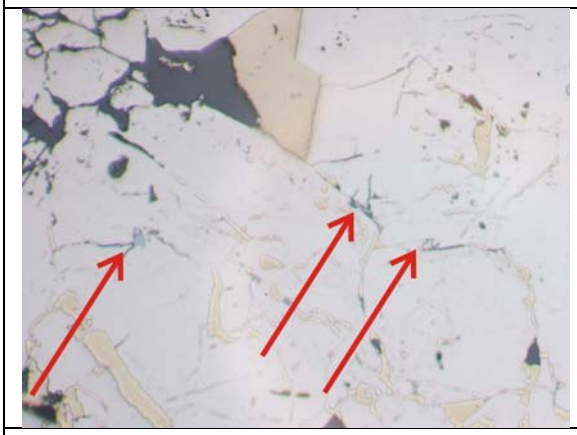


Photo 3i: The red arrows point to minute pale grey crystals on fracture and grain boundaries of pyrite. These may be galena or Bi-minerals, and they are related to possible Au minerals. rl, fov 0.5 mm.

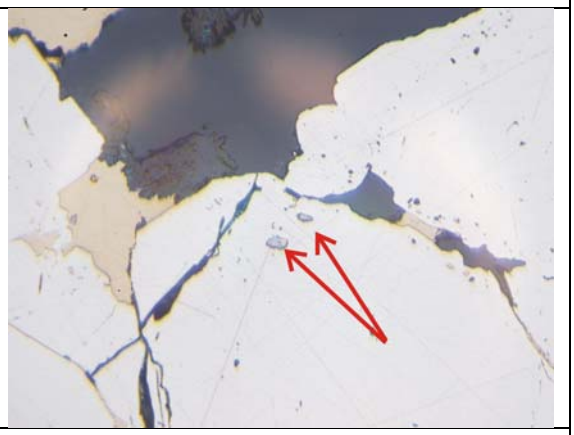


Photo 3j: Red arrows point to two silvery grey inclusions. The one on the left also has a yellow mineral. These crystals would need to be identified on an SEM or microprobe. rl, fov 0.5 mm.

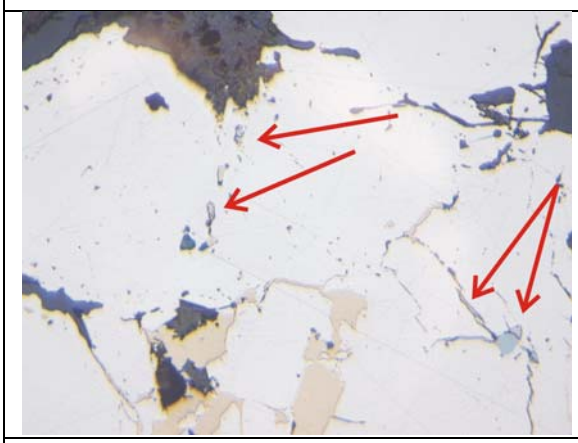


Photo 3k: Red arrows point to more of the pale grey and yellow inclusions and fracture fill in the pyrite. These crystals were not observed in chalcopyrite, though it does have two phases of dull grey minerals intergrown – sphalerite and possibly tetrahedrite. rl, fov 0.5 mm.

Photo 3l: Offcut blocks for Rottacker, the host rock (left) and the semi-massive sulphides from which the polished section was prepared (right).

Appendix E – Analytical Certificates

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Client: **Serengeti Resources**
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Vancouver BC V6C 2T8 CANADA

Submitted By: Dave Moore
Receiving Lab: Canada-Smithers
Received: June 17, 2014
Report Date: July 07, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS SMI14000325.2

CLIENT JOB INFORMATION

Project: Rottacker
Shipment ID: ROT14-ROCK
P.O. Number
Number of Samples: 19

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	19	Crush, split and pulverize 250 g rock to 200 mesh			SMI
AQ201	19	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7AR	2	1:1:1 Aqua Regia Digestion ICP-ES Finish	0.4	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : Revised sample IDs.

Invoice To: Serengeti Resources
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8
CANADA

CC: Greg Ross

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

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Client: **Serengeti Resources**
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8 CANADA

Project: Rottacker
Report Date: July 07, 2014

CERTIFICATE OF ANALYSIS SMI14000325.2

	Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2692001	Rock	1.48	0.7	108.1	2.4	51	<0.1	50.3	20.9	622	3.99	3.6	2.0	1.5	38	<0.1	<0.1	<0.1	104	1.07	0.163
2692002	Rock	1.17	0.9	112.9	18.9	55	0.2	13.3	17.6	567	3.76	4.2	2.5	1.8	70	0.2	0.1	<0.1	122	1.20	0.179
2692003	Rock	1.43	48.4	>10000	1836.8	>10000	>100	4.0	473.2	4343	23.31	22.9	5183.5	3.4	5	77.3	0.4	1064.9	55	0.12	0.056
2692004	Rock	0.46	8.5	6321.2	88.5	699	7.1	2.3	95.4	3002	6.11	1.6	69.6	6.2	6	2.9	0.2	2.7	41	0.38	0.088
2692005	Rock	2.23	13.0	2512.0	14.4	399	6.0	2.6	36.9	1914	5.70	23.0	83.2	4.3	5	1.1	1.9	4.8	44	0.22	0.079
2692006	Rock	0.71	0.4	105.4	2.0	26	0.1	3.7	10.8	528	3.06	2.4	1.2	7.1	40	<0.1	0.1	0.1	92	1.58	0.141
2692007	Rock	0.79	0.3	44.9	3.4	40	0.5	17.5	11.2	343	2.87	9.6	3.2	0.7	36	0.1	0.5	0.9	83	0.08	0.014
2692009	Rock	1.08	2.0	36.2	8.9	21	<0.1	2.9	7.0	429	2.22	2.8	<0.5	5.5	31	<0.1	0.2	<0.1	68	1.21	0.082
2692010	Rock	1.27	7.1	486.3	9.8	166	1.6	2.5	38.4	1687	7.04	7.8	5.2	5.1	7	<0.1	0.1	3.4	46	0.19	0.091
2692011	Rock	0.96	0.7	63.1	8.2	33	<0.1	2.7	7.0	438	2.30	2.1	<0.5	3.1	26	0.1	0.1	<0.1	70	0.44	0.081
2692012	Rock	1.14	1.1	132.4	3.1	46	0.1	14.5	20.0	695	4.60	3.5	<0.5	1.7	49	<0.1	<0.1	0.1	139	1.29	0.189
2692013	Rock	0.77	0.9	94.6	4.9	86	<0.1	15.2	21.0	826	4.61	4.9	1.5	2.3	41	0.2	<0.1	<0.1	134	0.91	0.181
2692014	Rock	1.69	0.1	3.3	5.9	6	<0.1	318.9	17.2	206	1.10	1.8	27.9	<0.1	7	<0.1	6.9	<0.1	5	0.24	0.001
2692015	Rock	0.58	0.4	12.2	2.1	18	<0.1	3.2	5.1	291	2.44	4.6	<0.5	2.5	45	<0.1	<0.1	<0.1	81	0.82	0.103
2692016	Rock	1.13	0.6	141.2	2.4	173	0.1	4.3	15.4	1973	3.36	1.3	0.7	4.6	48	0.6	0.3	0.7	44	0.97	0.099
2692017	Rock	1.28	5.1	419.7	3.4	351	0.5	4.3	29.7	3359	6.90	1.2	2.0	5.6	29	2.1	0.2	1.0	71	0.90	0.102
2692018	Rock	1.47	1.7	7726.4	59.8	4058	12.1	2.7	171.2	3054	6.76	4.4	16.6	5.9	3	20.1	0.1	10.3	41	0.25	0.087
2692019	Rock	0.93	0.6	13.5	41.2	104	<0.1	5.6	10.3	863	2.80	4.7	3.4	5.6	88	0.8	0.4	<0.1	100	4.14	0.091
2692020	Rock	1.09	26.1	>10000	482.2	8396	93.5	3.1	505.3	3148	11.68	18.1	984.7	4.0	9	36.6	0.3	129.6	71	0.22	0.076

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Client: **Serengeti Resources**
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8 CANADA

Project: Rottacker
Report Date: July 07, 2014

CERTIFICATE OF ANALYSIS SMI14000325.2

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ374
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
2692001	Rock	6	44	1.64	88	0.143	4	1.64	0.068	0.10	0.3	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2	
2692002	Rock	7	32	1.11	71	0.157	5	1.37	0.041	0.10	0.4	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2	
2692003	Rock	4	2	0.77	43	0.011	1	3.18	<0.001	0.29	0.1	3.03	1.4	0.1	4.33	10	11.9	251.3	6.766
2692004	Rock	27	4	0.71	84	0.005	2	2.27	0.001	0.28	0.3	0.04	2.2	<0.1	0.38	6	0.6	0.7	
2692005	Rock	6	6	0.64	100	0.005	1	1.74	0.002	0.29	0.7	0.18	2.7	<0.1	0.68	5	<0.5	0.9	
2692006	Rock	22	3	0.83	85	0.006	6	0.95	0.042	0.12	<0.1	<0.01	6.8	<0.1	<0.05	6	<0.5	<0.2	
2692007	Rock	2	35	0.03	149	0.016	9	0.43	0.008	0.13	<0.1	0.02	7.4	<0.1	<0.05	1	<0.5	<0.2	
2692009	Rock	13	4	0.88	87	0.002	3	0.86	0.042	0.10	<0.1	0.01	4.7	<0.1	<0.05	5	<0.5	<0.2	
2692010	Rock	3	5	0.65	80	0.004	<1	1.72	0.002	0.27	0.5	0.02	2.8	<0.1	1.49	6	<0.5	0.4	
2692011	Rock	8	5	0.61	70	0.066	2	0.68	0.053	0.10	0.1	<0.01	2.8	<0.1	<0.05	4	<0.5	<0.2	
2692012	Rock	7	33	1.35	65	0.130	4	1.66	0.035	0.11	0.2	<0.01	2.9	<0.1	<0.05	7	<0.5	<0.2	
2692013	Rock	8	33	1.40	78	0.170	3	1.57	0.036	0.10	0.5	<0.01	3.2	<0.1	<0.05	8	<0.5	<0.2	
2692014	Rock	<1	258	2.47	37	0.001	9	0.03	0.004	<0.01	0.1	0.01	1.8	<0.1	<0.05	<1	<0.5	<0.2	
2692015	Rock	8	7	0.28	114	0.069	4	0.77	0.086	0.12	0.2	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2	
2692016	Rock	13	6	1.10	80	0.005	2	1.69	0.018	0.17	<0.1	0.01	2.5	<0.1	<0.05	5	<0.5	<0.2	
2692017	Rock	14	5	1.34	83	0.005	1	2.60	0.006	0.24	0.3	<0.01	3.7	<0.1	0.07	8	<0.5	<0.2	
2692018	Rock	13	5	0.78	81	0.003	<1	2.36	<0.001	0.23	0.1	0.21	2.9	<0.1	0.89	6	0.9	0.9	
2692019	Rock	12	6	1.15	34	0.003	2	0.43	0.021	0.07	0.2	<0.01	8.0	<0.1	<0.05	2	<0.5	<0.2	
2692020	Rock	10	4	0.53	43	0.020	2	1.67	0.002	0.52	1.8	1.07	3.0	0.3	3.44	7	6.2	42.6	1.668

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1700 - 750 W. Pender Street
Vancouver BC V6C 2T8 CANADA

Project: Rottacker
Report Date: July 07, 2014

QUALITY CONTROL REPORT SMI14000325.2

	Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
2692019	Rock	0.93	0.6	13.5	41.2	104	<0.1	5.6	10.3	863	2.80	4.7	3.4	5.6	88	0.8	0.4	<0.1	100	4.14	0.091
REP 2692019	QC		0.6	13.5	43.2	107	<0.1	5.8	11.2	860	2.72	4.7	4.0	5.9	85	0.9	0.4	<0.1	97	4.14	0.089
2692020	Rock	1.09	26.1	>10000	482.2	8396	93.5	3.1	505.3	3148	11.68	18.1	984.7	4.0	9	36.6	0.3	129.6	71	0.22	0.076
REP 2692020	QC		24.9	>10000	471.0	8211	90.5	3.1	483.5	2986	10.85	17.5	1016.5	4.0	8	38.1	0.3	130.5	68	0.20	0.074
Reference Materials																					
STD DS10	Standard		15.4	153.6	153.9	367	1.9	76.2	12.6	878	2.73	45.3	91.7	7.8	67	2.6	8.9	12.6	44	1.08	0.074
STD DS10	Standard		15.2	161.9	151.1	386	1.9	78.0	13.6	885	2.82	45.9	76.0	7.9	67	2.6	9.8	12.6	44	1.09	0.074
STD GC-7	Standard																				
STD OREAS133B	Standard																				
STD OXC109	Standard		1.5	38.7	10.9	40	<0.1	72.5	18.7	391	2.82	0.9	177.2	1.4	131	<0.1	<0.1	<0.1	47	0.62	0.104
STD OXC109	Standard		1.5	36.7	11.8	42	<0.1	73.1	20.0	420	2.91	<0.5	160.9	1.6	141	<0.1	<0.1	<0.1	48	0.69	0.105
STD GC-7 Expected																					
STD OREAS133B Expected																					
STD DS10 Expected			14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OXC109 Expected													201								
BLK	Blank		<0.1	10.6	0.3	2	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	0.1	<2	<0.01	<0.001
BLK	Blank																				
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1-SMI	Prep Blank		<0.1	4.7	3.3	46	<0.1	2.5	3.8	552	1.85	<0.5	<0.5	6.4	49	<0.1	<0.1	<0.1	38	0.47	0.076
G1-SMI	Prep Blank		0.2	14.1	5.0	47	<0.1	2.6	3.7	548	1.84	0.7	<0.5	5.7	50	<0.1	<0.1	<0.1	37	0.48	0.074

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Vancouver BC V6C 2T8 CANADA

Project: Rottacker
Report Date: July 07, 2014

QUALITY CONTROL REPORT SMI14000325.2

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ374
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
Pulp Duplicates																			
2692019	Rock	12	6	1.15	34	0.003	2	0.43	0.021	0.07	0.2	<0.01	8.0	<0.1	<0.05	2	<0.5	<0.2	
REP 2692019	QC	12	6	1.16	33	0.003	2	0.39	0.020	0.07	0.2	<0.01	8.0	<0.1	<0.05	2	<0.5	<0.2	
2692020	Rock	10	4	0.53	43	0.020	2	1.67	0.002	0.52	1.8	1.07	3.0	0.3	3.44	7	6.2	42.6	1.668
REP 2692020	QC	10	3	0.52	41	0.018	1	1.65	0.002	0.52	1.5	1.06	2.9	0.3	3.65	7	6.2	41.8	1.655
Reference Materials																			
STD DS10	Standard	18	56	0.77	350	0.080	8	1.06	0.066	0.32	3.4	0.31	2.8	5.1	0.29	4	2.7	5.1	
STD DS10	Standard	18	56	0.79	359	0.083	6	1.07	0.069	0.34	3.4	0.29	2.7	5.1	0.29	5	2.3	5.2	
STD GC-7	Standard																		0.577
STD OREAS133B	Standard																		0.032
STD OXC109	Standard	12	57	1.43	55	0.366	<1	1.46	0.673	0.39	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2	
STD OXC109	Standard	13	58	1.48	60	0.384	1	1.57	0.701	0.42	0.2	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2	
STD GC-7 Expected																			0.555
STD OREAS133B Expected																			0.032
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01	
STD OXC109 Expected																			
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																		<0.001
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
Prep Wash																			
G1-SMI	Prep Blank	14	8	0.48	164	0.121	2	0.83	0.064	0.48	<0.1	<0.01	2.5	0.4	<0.05	5	<0.5	<0.2	
G1-SMI	Prep Blank	12	7	0.48	150	0.117	3	0.87	0.067	0.47	<0.1	<0.01	2.4	0.4	<0.05	5	<0.5	<0.2	

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Serengeti Resources**
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8 CANADA

Submitted By: Dave Moore
Receiving Lab: Canada-Smithers
Received: June 17, 2014
Report Date: June 26, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS SMI14000326.1

CLIENT JOB INFORMATION

Project: Rottacker
Shipment ID: ROT14-B-AN
P.O. Number
Number of Samples: 41

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	40	Dry at 60C sieve 100g to -80 mesh			SMI
SVRJT	40	Save all or part of Soil Reject			SMI
AQ250	40	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Serengeti Resources
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8
CANADA

CC: Greg Ross

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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1700 - 750 W. Pender Street
Vancouver BC V6C 2T8 CANADA

Project: Rottacker
Report Date: June 26, 2014

CERTIFICATE OF ANALYSIS SMI14000326.1

		Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.05	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
2691508	Soil		0.85	17.89	4.21	36.7	35	27.5	6.2	149	2.34	7.9	0.31	1.5	1.0	15.7	0.14	0.43	0.10	62	0.20	0.073
2691509	Soil		0.93	18.45	4.96	44.0	50	27.9	7.0	170	2.74	10.0	0.40	3.6	1.3	15.3	0.16	0.53	0.09	67	0.21	0.116
2691510	Soil		2.44	20.70	7.05	68.0	241	10.3	5.2	219	2.59	4.0	2.31	1.1	5.9	12.0	0.24	0.18	0.17	58	0.09	0.137
2691511	Soil		0.57	11.18	3.28	27.5	79	11.2	2.9	93	1.30	3.0	0.23	1.0	0.7	13.2	0.13	0.19	0.07	34	0.12	0.034
2691512	Soil		1.20	11.35	4.77	35.1	141	9.0	3.8	370	1.88	3.4	0.47	70.3	0.5	14.9	0.13	0.18	0.08	53	0.16	0.039
2691513	Soil		0.82	16.85	5.47	25.4	100	18.9	4.3	114	2.16	4.7	0.26	1.2	0.7	15.2	0.17	0.42	0.08	68	0.18	0.026
2691514	Soil		2.07	180.88	8.47	65.7	440	147.3	32.2	710	5.24	7.9	1.17	3.1	1.1	48.3	0.25	0.45	0.10	148	0.94	0.074
2691515	Soil		1.43	34.52	8.23	72.5	258	87.8	34.5	655	5.70	3.9	0.46	0.4	0.6	24.9	0.17	0.20	0.04	175	0.38	0.050
2691516	Soil		1.50	36.38	10.35	74.1	262	90.3	34.9	646	5.78	4.2	0.58	1.6	0.7	26.2	0.22	0.22	0.04	174	0.40	0.049
2691517	Soil		0.41	5.29	4.94	35.7	72	5.7	2.1	43	1.76	4.9	0.12	<0.2	0.4	15.5	0.12	0.17	0.08	66	0.03	0.015
2691518	Soil		1.85	240.94	9.74	147.1	1030	114.3	19.6	1383	6.21	26.7	28.92	4.3	1.5	74.8	1.34	0.38	0.17	163	0.93	0.079
2691519	Soil		2.27	292.84	12.05	168.9	1024	131.9	26.2	1635	7.61	36.3	32.06	5.3	2.3	78.5	1.36	0.36	0.22	206	0.95	0.089
2691520	Soil		0.83	79.49	8.07	111.7	487	45.4	13.0	1272	4.02	13.6	13.28	0.7	0.5	69.4	1.21	0.33	0.13	92	0.89	0.072
2691521	Soil		0.85	14.08	6.66	51.9	106	12.9	6.5	307	3.22	7.2	0.36	0.9	1.5	11.4	0.13	0.33	0.12	82	0.11	0.239
2691522	Soil		0.82	20.33	3.81	34.4	52	26.7	6.3	163	2.29	8.9	0.41	<0.2	0.9	13.7	0.10	0.46	0.11	54	0.16	0.053
2691523	Soil		1.06	62.91	7.09	52.2	171	51.9	12.5	404	2.83	13.9	0.42	2.4	1.3	18.5	0.16	0.65	0.17	65	0.19	0.086
2691524	Soil		1.04	21.96	5.47	36.2	78	27.5	9.3	447	2.63	7.7	0.85	2.6	0.9	47.6	0.09	0.54	0.08	63	0.45	0.066
2691525	Soil		0.73	11.66	4.32	27.4	34	23.5	5.2	120	2.71	8.5	0.22	1.1	0.9	13.5	0.16	0.59	0.09	68	0.14	0.034
2691526	Soil		1.34	21.67	4.85	48.4	69	16.2	5.1	180	2.45	7.1	0.22	0.7	1.2	8.1	0.10	0.41	0.10	47	0.08	0.058
2691527	Soil		0.66	6.25	3.42	18.3	45	8.2	2.5	83	1.34	4.2	0.18	<0.2	0.4	16.7	0.13	0.40	0.07	48	0.10	0.026
2691528	Soil		1.46	8.84	7.22	33.0	396	9.0	3.1	101	2.57	7.4	0.25	0.3	0.9	10.2	0.15	0.34	0.12	71	0.07	0.079
2691529	Soil		3.54	22.39	6.40	48.2	61	16.5	6.3	220	2.49	8.9	0.38	1.9	0.9	14.8	0.14	0.61	0.10	68	0.15	0.030
2691530	Soil		0.75	8.82	4.53	44.9	62	16.4	4.7	121	2.31	9.3	0.18	1.6	0.6	11.7	0.14	0.37	0.08	63	0.13	0.037
2691601	Soil		0.83	17.59	4.75	41.7	84	24.1	6.5	155	2.44	8.8	0.27	0.7	0.7	17.1	0.21	0.48	0.11	63	0.22	0.061
2691602	Soil		0.86	21.27	4.72	42.4	59	28.4	7.2	190	2.48	9.4	0.31	1.5	0.9	19.1	0.19	0.49	0.14	63	0.25	0.064
2691603	Soil		0.94	15.59	5.20	43.2	108	22.9	5.7	147	2.43	9.0	0.26	<0.2	0.6	17.8	0.22	0.50	0.13	64	0.19	0.056
2691604	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
2691605	Soil		0.82	39.89	5.10	46.4	109	60.2	10.7	479	2.49	9.9	0.52	2.9	1.0	24.5	0.22	0.86	0.10	58	0.38	0.061
2691606	Soil		0.89	25.72	5.01	37.9	50	30.0	8.8	477	2.22	6.2	0.90	2.9	0.8	39.7	0.16	0.50	0.09	51	0.42	0.083
2691607	Soil		0.90	32.39	4.16	30.3	107	19.4	4.7	140	2.38	8.2	0.36	1.9	0.7	12.3	0.15	0.44	0.14	56	0.12	0.040

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Project: Rottacker
Report Date: June 26, 2014

CERTIFICATE OF ANALYSIS SMI14000326.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.05	0.1	0.02	0.02	5	0.1	0.02	0.1
2691508	Soil	4.6	42.7	0.37	82.4	0.034	<20	0.93	0.005	0.04	0.11	2.5	0.04	<0.02	14	0.1	0.02	3.3
2691509	Soil	5.0	47.8	0.39	80.4	0.029	<20	1.19	0.005	0.04	0.19	2.9	0.03	<0.02	34	<0.1	0.04	3.6
2691510	Soil	6.2	21.4	0.25	79.3	0.012	<20	1.62	0.007	0.04	0.17	3.0	0.02	<0.02	47	<0.1	0.02	8.4
2691511	Soil	4.5	21.6	0.20	95.5	0.024	<20	0.84	0.005	0.03	0.08	1.8	0.04	<0.02	38	<0.1	<0.02	3.1
2691512	Soil	4.2	25.4	0.23	143.1	0.015	<20	0.62	0.006	0.05	0.18	1.3	0.02	<0.02	24	<0.1	<0.02	3.4
2691513	Soil	3.9	77.4	0.29	76.8	0.060	<20	0.65	0.006	0.05	0.12	1.7	<0.02	<0.02	31	0.1	<0.02	3.7
2691514	Soil	13.5	150.5	2.11	432.8	0.090	<20	3.16	0.006	0.17	0.21	6.7	0.04	0.02	52	0.2	<0.02	8.8
2691515	Soil	2.3	285.5	1.45	193.8	0.069	<20	1.95	0.004	0.14	<0.05	3.9	<0.02	<0.02	16	<0.1	<0.02	7.4
2691516	Soil	3.1	278.3	1.53	209.7	0.069	<20	2.08	0.004	0.14	<0.05	4.7	0.02	<0.02	11	0.1	<0.02	7.7
2691517	Soil	1.8	27.9	0.04	90.4	0.005	<20	0.57	0.003	0.06	<0.05	1.1	0.07	<0.02	9	<0.1	0.03	2.7
2691518	Soil	23.8	78.7	0.26	1659.2	0.008	<20	2.35	0.004	0.09	0.16	29.9	0.12	0.04	108	0.3	0.02	5.0
2691519	Soil	25.4	86.3	0.32	1923.4	0.007	<20	3.02	0.004	0.09	0.21	37.5	0.16	0.04	128	0.3	<0.02	6.3
2691520	Soil	13.7	49.0	0.22	1578.2	0.010	<20	1.43	0.007	0.08	0.17	10.3	0.10	0.04	62	<0.1	<0.02	4.5
2691521	Soil	4.2	37.2	0.24	67.5	0.023	<20	1.95	0.005	0.03	0.21	2.4	0.05	<0.02	64	0.1	<0.02	5.7
2691522	Soil	4.3	36.2	0.31	98.1	0.032	<20	0.99	0.005	0.04	0.09	2.6	0.04	<0.02	24	<0.1	<0.02	2.7
2691523	Soil	5.8	54.2	0.53	193.6	0.028	<20	1.32	0.006	0.06	0.23	3.8	0.06	<0.02	39	0.2	0.02	3.6
2691524	Soil	8.5	41.1	0.47	366.9	0.024	<20	0.85	0.006	0.05	0.19	3.7	<0.02	<0.02	57	0.1	0.03	2.6
2691525	Soil	3.7	44.7	0.32	75.6	0.035	<20	1.03	0.004	0.04	0.12	2.1	0.03	<0.02	16	<0.1	<0.02	3.6
2691526	Soil	6.2	24.9	0.29	97.9	0.031	<20	1.21	0.003	0.04	<0.05	2.4	0.04	<0.02	12	<0.1	0.03	4.0
2691527	Soil	3.3	17.7	0.13	50.7	0.033	<20	0.44	0.005	0.04	0.08	1.1	<0.02	<0.02	295	<0.1	<0.02	3.2
2691528	Soil	4.6	24.2	0.11	55.9	0.035	<20	1.09	0.004	0.03	0.17	1.9	0.04	<0.02	50	0.1	<0.02	5.9
2691529	Soil	5.0	29.3	0.26	84.7	0.035	<20	0.76	0.004	0.05	0.15	2.7	0.03	<0.02	35	<0.1	0.09	3.2
2691530	Soil	3.9	35.4	0.22	83.2	0.033	<20	0.76	0.004	0.03	0.11	1.7	0.02	<0.02	25	<0.1	<0.02	3.3
2691601	Soil	4.4	39.3	0.32	102.0	0.029	<20	0.89	0.005	0.05	0.13	2.5	0.03	<0.02	23	<0.1	<0.02	3.7
2691602	Soil	5.2	40.7	0.37	100.7	0.032	<20	0.95	0.005	0.05	0.13	2.8	0.03	<0.02	32	0.2	<0.02	3.5
2691603	Soil	4.2	39.3	0.28	107.6	0.029	<20	0.83	0.005	0.06	0.15	2.3	0.03	<0.02	26	<0.1	<0.02	3.9
2691604	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
2691605	Soil	10.2	58.1	0.60	183.2	0.034	<20	0.96	0.008	0.07	0.10	5.1	0.05	<0.02	82	<0.1	0.03	3.1
2691606	Soil	9.0	36.4	0.46	439.3	0.023	<20	0.69	0.006	0.05	0.22	3.2	<0.02	0.02	60	<0.1	<0.02	2.2
2691607	Soil	4.0	35.1	0.33	68.8	0.029	<20	0.91	0.004	0.03	0.14	2.1	0.03	<0.02	34	0.2	0.04	2.7

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Project: Rottacker
Report Date: June 26, 2014

CERTIFICATE OF ANALYSIS SMI14000326.1

Method		AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.05	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
2691608	Soil	0.97	32.94	4.47	30.4	96	22.2	5.1	139	2.64	8.5	0.26	1.9	0.6	12.5	0.13	0.43	0.14	63	0.12	0.045
2691609	Soil	0.86	16.83	4.35	27.1	37	16.5	4.6	135	2.22	7.3	0.27	1.6	0.5	12.3	0.13	0.44	0.11	59	0.10	0.037
2691610	Soil	0.80	13.00	4.20	27.2	34	14.7	4.4	132	2.36	7.3	0.25	<0.2	0.6	13.7	0.16	0.43	0.09	66	0.12	0.023
2691611	Soil	0.79	27.91	5.36	32.7	38	21.8	5.9	143	2.47	8.4	0.32	1.6	0.6	10.7	0.13	0.48	0.18	62	0.11	0.067
2691612	Soil	0.77	30.55	4.42	39.3	189	36.6	8.6	302	2.39	8.5	0.40	683.3	0.5	20.6	0.15	0.51	0.12	59	0.24	0.037
2691613	Soil	1.11	35.78	6.63	47.4	72	32.4	11.4	628	2.57	10.2	0.53	10.2	0.9	24.3	0.16	0.59	0.10	67	0.31	0.063
2691614	Soil	1.05	37.45	6.49	45.5	76	31.3	11.0	595	2.55	10.3	0.53	3.3	0.9	22.4	0.17	0.59	0.11	66	0.30	0.063
2691615	Soil	0.86	11.52	5.39	31.2	54	11.9	3.5	129	1.81	4.7	0.21	2.0	0.2	16.1	0.26	0.35	0.09	51	0.17	0.041
2691616	Soil	1.00	29.54	27.49	43.1	39	34.7	11.1	378	2.61	8.2	0.35	3.6	0.9	23.7	0.09	0.54	0.12	67	0.33	0.050
2691617	Soil	1.15	49.11	9.22	78.9	142	51.5	12.0	551	2.71	11.4	0.52	3.6	1.7	27.2	0.37	0.84	0.14	58	0.34	0.062
2691618	Soil	1.10	41.56	8.67	67.8	102	43.8	11.0	455	2.55	10.4	0.41	3.1	1.4	25.8	0.33	0.81	0.13	55	0.31	0.055

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Project: Rottacker
Report Date: June 26, 2014

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Method		AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.05	0.1	0.02	0.02	5	0.1	0.02	0.1
2691608	Soil	4.2	36.4	0.31	113.7	0.031	<20	0.99	0.004	0.04	0.12	2.2	0.03	<0.02	29	<0.1	0.06	3.8
2691609	Soil	4.1	31.3	0.25	79.0	0.031	<20	0.85	0.004	0.03	0.09	2.0	0.03	<0.02	26	<0.1	0.04	3.5
2691610	Soil	4.1	32.6	0.23	78.1	0.036	<20	0.81	0.005	0.04	0.11	1.8	0.03	<0.02	75	<0.1	<0.02	3.8
2691611	Soil	3.5	39.3	0.26	73.6	0.028	<20	0.88	0.004	0.04	0.15	2.4	0.04	<0.02	25	<0.1	<0.02	3.7
2691612	Soil	6.3	48.2	0.53	260.1	0.023	<20	0.99	0.006	0.06	0.11	3.2	0.05	<0.02	35	<0.1	0.17	3.0
2691613	Soil	8.3	42.4	0.34	230.0	0.033	<20	0.65	0.006	0.08	0.21	4.8	0.04	<0.02	66	0.1	<0.02	2.3
2691614	Soil	8.1	41.8	0.35	218.2	0.031	<20	0.65	0.005	0.08	0.17	4.6	0.04	<0.02	85	<0.1	0.04	2.4
2691615	Soil	4.7	30.9	0.15	134.1	0.031	<20	0.48	0.005	0.06	0.13	1.5	0.02	<0.02	16	<0.1	<0.02	2.6
2691616	Soil	6.2	58.2	0.62	173.3	0.046	<20	0.87	0.008	0.10	0.15	3.5	0.05	<0.02	49	<0.1	0.06	3.3
2691617	Soil	10.4	53.2	0.55	281.2	0.035	<20	1.03	0.008	0.09	0.14	5.7	0.06	<0.02	160	<0.1	0.07	3.4
2691618	Soil	9.4	48.9	0.49	209.0	0.033	<20	0.94	0.008	0.09	0.13	5.2	0.06	<0.02	141	<0.1	0.03	3.2

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Project: Rottacker
Report Date: June 26, 2014

QUALITY CONTROL REPORT SMI14000326.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.05	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
2691608	Soil	0.97	32.94	4.47	30.4	96	22.2	5.1	139	2.64	8.5	0.26	1.9	0.6	12.5	0.13	0.43	0.14	63	0.12	0.045
REP 2691608	QC	0.94	32.12	4.27	33.8	92	22.6	4.9	140	2.64	8.6	0.25	1.5	0.6	12.2	0.13	0.46	0.14	63	0.12	0.042
2691618	Soil	1.10	41.56	8.67	67.8	102	43.8	11.0	455	2.55	10.4	0.41	3.1	1.4	25.8	0.33	0.81	0.13	55	0.31	0.055
REP 2691618	QC	1.17	43.09	8.78	70.0	102	44.4	10.7	457	2.57	11.3	0.42	3.6	1.3	26.3	0.34	0.82	0.13	56	0.30	0.057
Reference Materials																					
STD DS10	Standard	13.75	150.16	150.92	364.9	1749	73.8	12.5	860	2.66	44.9	2.40	51.8	7.0	65.2	2.50	8.10	12.26	42	1.03	0.079
STD DS10	Standard	13.60	161.41	155.77	382.2	1832	76.0	13.5	896	2.79	46.1	2.54	61.3	7.2	69.5	2.58	8.25	12.92	43	1.07	0.074
STD OREAS45EA	Standard	1.46	669.28	14.04	28.9	243	360.5	49.2	370	20.24	9.5	1.68	54.3	9.4	3.3	0.01	0.28	0.24	287	0.03	0.027
STD OREAS45EA	Standard	1.50	698.66	13.88	30.8	242	381.6	48.4	377	21.41	9.9	1.74	45.4	10.1	3.6	0.04	0.34	0.25	302	0.03	0.025
STD DS10 Expected		14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OREAS45EA Expected		1.39	709	14.3	28.9	260	381	52	400	23.51	9.1	1.73	53	10.7	3.5	0.02	0.2	0.26	303	0.036	0.029
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.05	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.05	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Project: Rottacker
Report Date: June 26, 2014

QUALITY CONTROL REPORT SMI14000326.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.05	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																		
2691608	Soil	4.2	36.4	0.31	113.7	0.031	<20	0.99	0.004	0.04	0.12	2.2	0.03	<0.02	29	<0.1	0.06	3.8
REP 2691608	QC	4.2	34.8	0.30	108.3	0.031	<20	1.00	0.005	0.04	0.14	2.2	0.03	<0.02	27	<0.1	<0.02	3.9
2691618	Soil	9.4	48.9	0.49	209.0	0.033	<20	0.94	0.008	0.09	0.13	5.2	0.06	<0.02	141	<0.1	0.03	3.2
REP 2691618	QC	9.0	50.1	0.49	213.7	0.033	<20	0.94	0.007	0.08	0.12	4.9	0.07	<0.02	164	<0.1	0.03	3.1
Reference Materials																		
STD DS10	Standard	16.4	53.7	0.76	411.9	0.074	<20	0.99	0.066	0.33	2.80	2.8	5.01	0.27	252	1.8	5.09	4.0
STD DS10	Standard	17.1	54.4	0.79	430.0	0.078	<20	1.02	0.068	0.33	3.61	2.8	5.14	0.29	280	2.3	4.46	4.4
STD OREAS45EA	Standard	6.6	775.1	0.08	134.2	0.087	<20	3.02	0.019	0.05	<0.05	67.4	<0.02	0.04	7	0.7	0.08	11.7
STD OREAS45EA	Standard	6.9	803.4	0.09	140.5	0.092	<20	3.14	0.020	0.05	<0.05	72.4	<0.02	0.04	9	0.6	0.09	11.1
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	300	2.3	5.01	4.3
STD OREAS45EA Expected		6.57	849	0.095	148	0.0875		3.13	0.02	0.053		78	0.072	0.036	10	0.63	0.07	11.7
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.05	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.05	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1

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Submitted By: Dave Moore
Receiving Lab: Canada-Smithers
Received: June 17, 2014
Report Date: July 02, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS SMI14000327.1

CLIENT JOB INFORMATION

Project: Rottacker
Shipment ID: ROT14-AH-AN
P.O. Number
Number of Samples: 32

SAMPLE DISPOSAL

RTRN-PLP Return
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	32	Dry at 60C sieve 100g to -80 mesh			SMI
DYAIR	32	Air dry samples (<40 Deg. C.)			SMI
RJSV	32	Saving all or part of Soil Reject			SMI
AQ250	32	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Serengeti Resources
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8
CANADA

CC: Greg Ross

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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1700 - 750 W. Pender Street
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Project: Rottacker
Report Date: July 02, 2014

CERTIFICATE OF ANALYSIS SMI14000327.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.05	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
2691757	Soil	0.75	8.06	5.65	25.7	319	6.7	0.7	37	0.47	0.5	0.08	0.2	<0.1	16.4	0.49	0.11	0.10	13	0.16	0.046
2691758	Soil	1.08	17.04	6.81	46.0	105	21.6	4.2	195	0.90	1.3	0.13	1.7	<0.1	31.0	0.90	0.19	0.15	22	0.42	0.052
2691759	Soil	0.76	17.80	8.92	268.5	128	31.0	3.2	69	0.25	0.4	0.08	<0.2	<0.1	36.4	0.66	0.05	0.05	5	0.30	0.048
2691760	Soil	1.66	21.60	10.21	34.9	421	39.7	13.3	4082	1.57	1.0	0.17	<0.2	<0.1	47.1	1.11	0.10	0.09	49	0.94	0.067
2691761	Soil	1.82	7.68	3.01	24.5	219	11.1	0.4	54	0.05	0.7	<0.05	1.9	<0.1	27.8	0.31	0.07	0.03	<2	0.56	0.065
2691762	Soil	1.25	88.99	4.37	34.0	701	57.7	14.6	307	1.98	3.1	0.63	0.7	0.1	82.2	0.86	0.39	0.06	52	1.51	0.082
2691763	Soil	1.99	77.61	7.68	64.4	587	52.0	20.4	2170	1.94	2.8	0.68	0.2	0.3	72.8	2.37	0.29	0.07	50	1.31	0.081
2691764	Soil	1.46	101.56	5.60	36.6	558	63.7	19.3	329	2.52	3.9	0.76	0.7	0.2	73.1	1.04	0.38	0.06	67	1.28	0.080
2691765	Soil	0.62	107.97	4.91	44.6	863	59.9	3.3	185	0.85	3.3	21.39	0.4	0.1	149.8	2.02	0.46	0.06	25	2.19	0.117
2691766	Soil	0.84	106.35	4.30	47.9	1291	44.1	3.2	645	1.40	6.8	16.37	0.9	0.3	115.5	1.03	0.56	0.06	43	2.41	0.116
2691767	Soil	0.76	11.81	4.67	38.2	191	15.1	3.0	110	1.04	3.4	0.23	0.5	<0.1	30.5	0.39	0.25	0.06	27	0.43	0.043
2691768	Soil	2.70	23.48	5.01	22.4	34	21.9	5.0	138	1.40	3.0	1.47	3.7	0.5	108.7	0.16	0.48	0.07	32	0.88	0.056
2691769	Soil	0.83	11.85	4.56	11.7	70	22.6	0.8	102	0.11	0.2	0.06	1.7	<0.1	27.7	0.62	0.09	0.04	<2	0.66	0.051
2691770	Soil	1.11	9.35	2.43	10.6	189	16.2	1.3	51	0.14	<0.1	0.08	0.7	<0.1	51.4	0.66	0.08	0.03	3	0.44	0.064
2691771	Soil	6.46	19.01	9.25	33.6	552	11.7	1.1	112	0.28	0.6	0.08	1.3	0.1	24.0	0.74	0.12	0.04	7	0.79	0.074
2691772	Soil	3.06	51.20	6.91	75.3	349	56.9	7.2	651	1.86	7.1	1.93	0.5	0.4	95.7	2.43	0.87	0.11	35	2.99	0.084
2691773	Soil	2.78	14.82	2.88	29.4	212	18.5	2.2	87	0.55	2.1	1.27	0.5	0.2	99.4	1.60	0.33	0.04	11	3.54	0.046
2691774	Soil	1.86	45.17	4.41	23.2	714	46.6	5.4	742	1.02	3.6	2.60	0.7	0.2	141.1	1.08	0.71	0.05	17	3.00	0.093
2691775	Soil	2.34	57.82	4.23	25.6	663	51.6	6.2	523	1.34	4.9	3.27	2.4	0.2	162.5	1.30	0.67	0.08	23	3.48	0.094
2691776	Soil	1.82	32.55	1.90	10.0	445	47.5	2.3	601	0.51	0.7	3.16	1.8	<0.1	140.7	1.18	1.31	0.03	9	4.06	0.089
2691777	Soil	6.42	51.95	6.74	40.7	620	55.8	11.3	1355	2.04	6.4	4.54	0.3	0.2	115.3	1.13	0.67	0.10	42	2.23	0.108
2691778	Soil	1.90	43.63	3.23	17.5	773	40.5	4.8	725	0.92	3.2	4.17	0.6	0.1	167.9	1.61	0.90	0.06	17	3.86	0.106
2691779	Soil	1.90	35.16	2.90	15.5	631	35.9	3.5	576	0.71	2.5	3.04	0.6	0.1	161.0	1.36	0.77	0.05	14	3.83	0.094
2691794	Soil	2.61	10.13	7.57	41.8	439	17.7	3.2	162	0.54	1.2	0.09	1.1	<0.1	20.9	0.77	0.27	0.06	12	0.39	0.072
2691795	Soil	3.85	24.65	10.47	73.3	208	35.1	10.7	2893	1.34	4.7	0.21	0.2	<0.1	28.0	1.97	0.47	0.09	30	0.65	0.094
2691796	Soil	1.37	13.78	6.21	63.0	153	12.9	2.7	183	0.41	0.6	0.41	0.4	0.1	108.4	1.47	0.20	0.04	8	1.57	0.079
2691797	Soil	1.20	10.95	4.68	20.0	155	10.7	0.9	38	0.18	0.3	0.08	0.3	<0.1	29.5	0.42	0.09	0.04	4	0.50	0.068
2691798	Soil	1.38	12.52	5.49	21.6	296	12.6	1.0	46	0.14	0.8	0.05	<0.2	<0.1	22.5	0.28	0.10	0.03	3	0.34	0.067
2691799	Soil	1.59	4.91	4.86	19.5	423	9.8	1.2	53	0.29	0.8	0.06	1.9	<0.1	34.8	0.16	0.14	0.04	8	0.41	0.080
2691800	Soil	1.17	7.63	7.54	10.7	388	8.1	1.2	110	0.49	1.3	0.10	1.5	<0.1	18.6	0.20	0.18	0.05	14	0.18	0.060

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CERTIFICATE OF ANALYSIS SMI14000327.1

		Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.05	0.1	0.02	0.02	5	0.1	0.02	0.1
2691757	Soil		1.5	14.2	0.04	190.2	0.005	<20	0.21	0.012	0.03	<0.05	0.3	<0.02	0.05	96	<0.1	<0.02	0.9
2691758	Soil		2.9	20.2	0.07	402.5	0.005	<20	0.41	0.007	0.07	0.08	0.4	0.02	0.04	72	<0.1	<0.02	1.7
2691759	Soil		2.3	12.5	0.07	799.8	0.005	<20	0.26	0.011	0.03	<0.05	0.3	<0.02	0.05	148	0.2	0.03	0.3
2691760	Soil		3.1	66.1	0.36	518.8	0.028	<20	0.47	0.009	0.10	0.13	0.7	0.05	0.05	95	0.5	<0.02	3.5
2691761	Soil		<0.5	3.9	0.04	135.4	0.002	<20	0.05	0.011	0.04	<0.05	0.3	<0.02	0.13	179	0.2	0.06	0.2
2691762	Soil		9.5	68.0	0.66	460.3	0.030	<20	1.13	0.008	0.09	0.19	2.5	0.03	0.07	100	<0.1	0.03	3.4
2691763	Soil		9.6	79.8	0.56	531.0	0.032	<20	1.01	0.009	0.09	0.12	2.2	0.04	0.06	100	0.4	0.04	3.9
2691764	Soil		10.7	88.5	0.78	542.8	0.042	<20	1.30	0.007	0.10	0.18	2.8	<0.02	0.05	58	0.4	<0.02	4.6
2691765	Soil		27.9	13.3	0.26	2297.8	0.004	<20	0.84	0.014	0.05	0.10	6.0	0.04	0.11	119	0.4	0.04	1.4
2691766	Soil		27.5	20.2	0.28	1975.4	0.006	<20	0.99	0.019	0.04	0.19	11.6	0.07	0.14	196	0.2	<0.02	1.7
2691767	Soil		2.3	17.9	0.08	353.1	0.015	<20	0.42	0.008	0.05	0.07	1.1	<0.02	0.04	78	0.2	<0.02	1.5
2691768	Soil		8.4	24.8	0.27	567.0	0.011	<20	0.67	0.007	0.05	0.10	2.9	0.03	0.10	121	0.4	0.05	1.9
2691769	Soil		1.1	6.2	0.06	250.2	0.004	<20	0.17	0.008	0.09	<0.05	0.5	<0.02	0.07	188	0.4	<0.02	0.3
2691770	Soil		1.8	6.6	0.04	333.4	0.006	<20	0.17	0.010	0.04	<0.05	0.7	<0.02	0.09	153	0.4	0.10	0.5
2691771	Soil		1.0	13.4	0.05	340.6	0.008	<20	0.12	0.011	0.10	<0.05	0.6	<0.02	0.08	253	0.6	0.04	0.3
2691772	Soil		9.0	41.2	0.49	735.9	0.010	<20	1.26	0.009	0.09	0.19	4.1	0.09	0.12	257	0.7	0.08	3.2
2691773	Soil		2.4	14.3	0.27	592.9	0.006	<20	0.34	0.011	0.05	<0.05	1.5	0.03	0.11	227	0.3	0.05	0.9
2691774	Soil		13.9	23.6	0.37	600.9	0.007	<20	0.83	0.006	0.04	0.10	2.2	0.04	0.13	183	0.5	<0.02	1.6
2691775	Soil		16.9	29.9	0.44	731.4	0.009	<20	0.95	0.006	0.04	0.13	2.2	0.03	0.12	183	1.0	<0.02	1.8
2691776	Soil		5.6	14.4	0.33	802.8	0.004	<20	0.40	0.008	0.03	<0.05	0.6	0.04	0.17	129	1.4	0.05	1.0
2691777	Soil		10.6	40.5	0.41	736.1	0.013	<20	1.31	0.009	0.07	0.14	2.9	0.05	0.09	142	0.5	0.05	3.6
2691778	Soil		9.9	24.0	0.34	1064.4	0.007	<20	0.66	0.011	0.04	0.09	1.5	0.03	0.16	180	0.5	0.10	1.4
2691779	Soil		7.6	19.2	0.31	1018.1	0.006	<20	0.55	0.009	0.04	0.07	1.3	0.04	0.16	148	1.0	0.05	1.2
2691794	Soil		1.3	24.6	0.12	196.2	0.009	<20	0.25	0.013	0.08	0.08	0.8	0.02	0.08	162	0.5	<0.02	1.0
2691795	Soil		3.4	46.1	0.26	413.7	0.013	<20	0.51	0.013	0.09	0.21	1.6	0.05	0.07	161	0.3	<0.02	2.1
2691796	Soil		1.5	12.7	0.17	263.7	0.006	<20	0.24	0.015	0.04	0.06	1.0	<0.02	0.18	135	1.0	0.12	0.6
2691797	Soil		0.8	8.9	0.05	335.4	0.005	<20	0.20	0.009	0.04	<0.05	0.4	<0.02	0.09	188	<0.1	0.03	0.3
2691798	Soil		0.6	9.1	0.05	168.6	0.004	<20	0.16	0.011	0.05	0.05	0.4	<0.02	0.09	180	0.4	<0.02	0.3
2691799	Soil		0.9	11.4	0.04	239.5	0.007	<20	0.17	0.009	0.07	0.06	0.7	<0.02	0.10	341	0.1	<0.02	0.5
2691800	Soil		1.5	12.8	0.04	179.0	0.007	<20	0.23	0.010	0.05	0.07	0.5	<0.02	0.06	254	0.5	0.06	1.1

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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Serengeti Resources**
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8 CANADA

Project: Rottacker
Report Date: July 02, 2014

CERTIFICATE OF ANALYSIS SMI14000327.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.05	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
2691851	Soil	3.08	20.63	8.02	55.0	154	33.1	6.6	1904	0.93	3.0	0.17	1.0	0.2	79.5	3.26	0.37	0.09	19	1.82	0.123
2691852	Soil	1.26	20.72	6.02	70.0	158	23.4	6.6	1921	1.35	2.6	0.19	<0.2	<0.1	36.0	3.00	0.31	0.09	36	0.61	0.061

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Project: Rottacker
Report Date: July 02, 2014

CERTIFICATE OF ANALYSIS SMI14000327.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.05	0.1	0.02	0.02	5	0.1	0.02	0.1
2691851	Soil	3.7	23.1	0.34	746.4	0.008	<20	0.39	0.008	0.11	0.18	2.0	0.03	0.16	244	0.4	<0.02	1.3
2691852	Soil	3.8	24.7	0.13	557.4	0.008	<20	0.43	0.005	0.11	0.13	0.5	0.04	0.04	108	<0.1	<0.02	2.4

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Vancouver BC V6C 2T8 CANADA

Project: Rottacker
Report Date: July 02, 2014

QUALITY CONTROL REPORT SMI14000327.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.05	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
2691768	Soil	2.70	23.48	5.01	22.4	34	21.9	5.0	138	1.40	3.0	1.47	3.7	0.5	108.7	0.16	0.48	0.07	32	0.88	0.056
REP 2691768	QC	2.82	21.59	5.03	19.0	45	20.2	5.5	138	1.38	3.8	1.42	3.5	0.5	105.4	0.16	0.56	0.07	31	0.83	0.055
Reference Materials																					
STD DS10	Standard	14.81	164.12	158.00	390.8	2083	78.1	13.8	944	2.85	44.6	2.53	115.8	7.2	69.5	2.71	8.34	12.56	44	1.10	0.071
STD OREAS45EA	Standard	1.77	736.56	14.29	27.7	228	407.8	49.5	430	23.39	10.0	1.66	55.8	9.9	3.6	0.05	0.38	0.25	318	0.04	0.026
STD DS10 Expected		14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OREAS45EA Expected		1.39	709	14.3	28.9	260	381	52	400	23.51	9.1	1.73	53	10.7	3.5	0.02	0.2	0.26	303	0.036	0.029
BLK	Blank	<0.01	<0.01	0.03	<0.1	3	<0.1	<0.1	2	<0.01	<0.1	<0.05	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Client: **Serengeti Resources**
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8 CANADA

Project: Rottacker
Report Date: July 02, 2014

QUALITY CONTROL REPORT SMI14000327.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.05	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																		
2691768	Soil	8.4	24.8	0.27	567.0	0.011	<20	0.67	0.007	0.05	0.10	2.9	0.03	0.10	121	0.4	0.05	1.9
REP 2691768	QC	7.8	24.0	0.26	535.1	0.012	<20	0.65	0.006	0.04	0.14	2.9	0.02	0.09	295	0.1	0.04	2.1
Reference Materials																		
STD DS10	Standard	17.3	59.2	0.78	426.0	0.086	<20	1.05	0.069	0.33	3.39	3.0	5.13	0.29	262	2.3	5.45	4.5
STD OREAS45EA	Standard	6.7	896.6	0.10	140.8	0.101	<20	3.32	0.025	0.06	<0.05	78.3	<0.02	0.04	16	1.0	0.05	11.7
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	300	2.3	5.01	4.3
STD OREAS45EA Expected		6.57	849	0.095	148	0.0875		3.13	0.02	0.053		78	0.072	0.036	10	0.63	0.07	11.7
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.05	<0.1	<0.02	<0.02	9	<0.1	<0.02	0.2

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Client: **Serengeti Resources**
1700 - 750 W. Pender Street
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Submitted By: Dave Moore
Receiving Lab: Canada-Smithers
Received: June 17, 2014
Report Date: September 11, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS SMI14000328.1

CLIENT JOB INFORMATION

Project: Rottacker
Shipment ID: ROT14-AH-H
P.O. Number
Number of Samples: 42

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	42	Dry at 60C sieve 100g to -80 mesh			SMI
DYAIR	42	Air dry samples (<40 Deg. C.)			SMI
RJSV	42	Saving all or part of Soil Reject			SMI
AQ250	21	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Serengeti Resources
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8
CANADA

CC: Greg Ross

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Serengeti Resources**
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8 CANADA

Project: Rottacker
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000328.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.05	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
2691751	Soil																				
2691752	Soil																				
2691753	Soil																				
2691754	Soil																				
2691755	Soil																				
2691756	Soil																				
2691780	Soil	1.35	93.38	4.43	39.0	736	51.6	3.0	642	1.04	5.8	6.45	2.1	0.3	106.0	1.33	0.89	0.07	34	3.07	0.114
2691781	Soil	1.02	94.72	7.62	135.0	1163	70.9	8.2	1824	2.08	7.4	4.62	1.1	0.1	99.3	2.95	0.58	0.12	48	3.09	0.111
2691782	Soil	0.50	6.32	6.49	41.9	23	7.8	1.3	155	0.76	1.7	0.09	0.7	<0.1	23.7	0.59	0.15	0.13	19	0.31	0.051
2691783	Soil	0.64	16.29	12.09	43.7	165	12.6	1.7	58	0.66	1.1	0.08	0.3	<0.1	32.6	1.52	0.12	0.07	17	0.32	0.055
2691784	Soil	1.65	63.12	6.01	52.4	656	90.9	11.3	1454	2.56	9.2	5.42	2.4	0.5	90.5	0.61	0.79	0.12	50	1.85	0.080
2691785	Soil	2.49	13.84	5.90	29.7	354	19.8	4.5	296	0.70	2.0	0.28	0.4	<0.1	54.4	0.88	0.29	0.06	19	1.19	0.056
2691786	Soil	7.95	55.72	4.96	27.6	422	96.2	7.3	7432	1.04	4.4	1.34	0.4	0.4	69.8	0.58	0.43	0.07	20	1.11	0.072
2691787	Soil	5.34	5.70	7.17	13.9	56	6.9	2.6	623	0.92	1.3	0.11	55.0	<0.1	33.8	0.19	0.16	0.06	25	0.68	0.058
2691788	Soil	0.87	20.90	5.45	58.9	75	10.2	1.5	40	2.37	4.0	0.20	<0.2	<0.1	38.5	1.79	0.31	0.06	51	0.70	0.040
2691789	Soil	1.10	132.50	2.75	26.3	184	21.5	1.3	272	0.31	2.0	5.05	1.0	0.1	110.3	1.31	0.20	0.02	17	2.79	0.080
2691790	Soil	1.41	221.79	6.94	19.6	660	33.5	3.5	1579	0.44	3.2	10.73	2.2	0.3	147.3	1.61	0.48	0.05	18	3.23	0.096
2691791	Soil	1.76	33.53	6.34	18.9	245	8.1	2.0	360	0.31	0.9	0.41	0.6	0.1	128.0	1.64	0.18	0.05	8	3.13	0.066
2691792	Soil	0.78	6.70	5.16	25.2	168	3.7	0.5	51	0.08	0.1	<0.05	<0.2	<0.1	17.9	0.60	0.06	0.04	<2	0.40	0.061
2691793	Soil																				
2691801	Soil																				
2691802	Soil																				
2691803	Soil																				
2691804	Soil																				
2691805	Soil																				
2691806	Soil																				
2691807	Soil																				
2691808	Soil																				
2691809	Soil																				
2691810	Soil	16.61	15.46	6.29	95.5	271	7.7	2.4	59	0.49	0.6	0.15	3.4	0.2	56.0	4.01	0.11	0.05	11	0.71	0.063

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1700 - 750 W. Pender Street
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Project: Rottacker
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000328.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.05	0.1	0.02	0.02	5	0.1	0.02	0.1
2691751	Soil																	
2691752	Soil																	
2691753	Soil																	
2691754	Soil																	
2691755	Soil																	
2691756	Soil																	
2691780	Soil	46.1	23.8	0.36	1522.9	0.007	51	0.75	0.014	0.06	0.13	8.4	0.06	0.16	211	0.4	0.03	1.4
2691781	Soil	34.8	49.0	0.40	1588.2	0.008	<20	1.28	0.006	0.13	0.15	6.7	0.08	0.14	258	0.2	0.02	3.0
2691782	Soil	1.7	17.9	0.03	418.2	0.007	33	0.26	0.012	0.05	0.07	0.4	<0.02	0.04	117	0.2	<0.02	0.8
2691783	Soil	2.0	12.1	0.05	712.1	0.006	70	0.27	0.011	0.06	0.07	0.4	<0.02	0.05	106	0.2	<0.02	0.9
2691784	Soil	33.0	74.1	0.64	1024.2	0.013	<20	1.81	0.007	0.08	0.18	6.0	0.10	0.07	158	0.2	0.04	3.8
2691785	Soil	3.1	20.2	0.18	335.4	0.010	<20	0.42	0.010	0.05	0.12	0.9	0.03	0.07	139	0.2	<0.02	1.7
2691786	Soil	82.7	31.0	0.18	1511.9	0.007	38	0.68	0.008	0.07	0.12	4.1	0.19	0.08	265	<0.1	0.03	1.4
2691787	Soil	1.9	13.2	0.10	297.8	0.010	27	0.26	0.006	0.06	0.12	0.6	<0.02	0.07	121	<0.1	<0.02	1.4
2691788	Soil	1.2	30.7	0.07	388.2	0.011	<20	0.37	0.008	0.05	0.16	1.1	<0.02	0.09	77	0.1	<0.02	1.9
2691789	Soil	10.2	5.1	0.24	729.1	0.002	<20	0.24	0.013	0.04	0.06	1.9	0.04	0.17	180	<0.1	0.04	0.4
2691790	Soil	19.0	7.1	0.26	1181.0	0.003	33	0.48	0.011	0.04	0.06	3.6	0.06	0.15	244	<0.1	<0.02	0.7
2691791	Soil	1.9	6.9	0.23	888.0	0.005	40	0.19	0.015	0.03	<0.05	0.7	<0.02	0.15	214	0.3	0.04	0.5
2691792	Soil	<0.5	2.9	0.04	222.0	0.002	49	0.11	0.009	0.05	<0.05	0.3	<0.02	0.10	210	0.3	<0.02	0.2
2691793	Soil																	
2691801	Soil																	
2691802	Soil																	
2691803	Soil																	
2691804	Soil																	
2691805	Soil																	
2691806	Soil																	
2691807	Soil																	
2691808	Soil																	
2691809	Soil																	
2691810	Soil	2.2	7.7	0.07	548.7	0.006	57	0.16	0.008	0.07	0.13	0.8	<0.02	0.08	105	0.3	0.03	0.7

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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Serengeti Resources**
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8 CANADA

Project: Rottacker
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000328.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.05	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
2691811	Soil	17.73	17.25	12.46	26.1	269	12.8	6.4	571	1.08	2.8	0.46	0.2	0.2	71.9	0.56	0.23	0.06	24	1.25	0.064
2691812	Soil	2.93	11.72	9.95	63.1	106	9.9	2.1	995	0.61	0.8	0.10	2.3	<0.1	22.9	0.95	0.12	0.07	16	0.50	0.078
2691813	Soil																				
2691814	Soil																				
2691815	Soil																				
2691816	Soil																				
2691817	Soil																				
2691818	Soil	2.85	15.89	13.73	61.3	409	13.1	4.0	9223	0.57	0.9	0.10	0.2	<0.1	26.0	2.98	0.12	0.11	13	0.33	0.110
2691819	Soil	1.33	14.12	13.64	29.7	321	20.8	2.9	333	0.41	1.5	0.10	<0.2	<0.1	16.9	1.56	0.10	0.07	10	0.32	0.079
2691820	Soil	0.73	10.93	4.50	31.2	270	9.2	0.8	241	0.43	0.6	0.09	<0.2	<0.1	25.0	1.32	0.08	0.04	10	0.66	0.060
2691821	Soil	1.21	12.53	12.10	31.3	260	15.7	2.8	216	0.77	1.9	0.14	<0.2	<0.1	18.0	0.80	0.18	0.09	20	0.31	0.054
2691822	Soil	0.79	25.54	9.60	49.9	201	15.3	1.4	274	0.51	0.8	0.35	0.7	<0.1	36.4	1.82	0.13	0.09	13	0.73	0.051

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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
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Client: **Serengeti Resources**
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8 CANADA

Project: Rottacker
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000328.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.05	0.1	0.02	0.02	5	0.1	0.02	0.1
2691811	Soil	7.0	17.1	0.19	2172.0	0.008	24	0.48	0.007	0.09	0.37	2.9	0.04	0.09	157	0.2	0.02	1.9
2691812	Soil	2.1	12.3	0.05	236.5	0.005	21	0.36	0.005	0.05	<0.05	0.2	0.02	0.06	149	0.2	<0.02	1.1
2691813	Soil																	
2691814	Soil																	
2691815	Soil																	
2691816	Soil																	
2691817	Soil																	
2691818	Soil	3.0	17.6	0.04	615.0	0.001	<20	0.52	0.006	0.07	0.06	0.2	0.18	0.05	125	0.2	<0.02	1.2
2691819	Soil	1.6	19.3	0.06	268.7	0.006	<20	0.38	0.007	0.05	<0.05	0.5	<0.02	0.05	132	0.3	<0.02	0.9
2691820	Soil	1.8	13.4	0.02	446.3	0.005	<20	0.29	0.005	0.03	<0.05	0.4	<0.02	0.04	127	0.1	<0.02	0.6
2691821	Soil	2.2	22.1	0.05	320.7	0.007	<20	0.44	0.007	0.04	0.10	0.5	<0.02	0.04	128	0.2	<0.02	1.3
2691822	Soil	3.4	18.7	0.09	209.7	0.005	<20	0.33	0.005	0.05	0.08	0.4	<0.02	0.04	103	0.1	<0.02	1.6

Bureau Veritas Commodities Canada Ltd.
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Client: **Serengeti Resources**
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8 CANADA

Project: Rottacker
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000328.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.05	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
2691782	Soil	0.50	6.32	6.49	41.9	23	7.8	1.3	155	0.76	1.7	0.09	0.7	<0.1	23.7	0.59	0.15	0.13	19	0.31	0.051
REP 2691782	QC	0.57	6.84	6.94	42.9	24	7.2	1.0	167	0.73	1.5	0.08	1.1	<0.1	24.9	0.70	0.14	0.10	18	0.34	0.056
2691792	Soil	0.78	6.70	5.16	25.2	168	3.7	0.5	51	0.08	0.1	<0.05	<0.2	<0.1	17.9	0.60	0.06	0.04	<2	0.40	0.061
REP 2691792	QC	0.84	6.74	4.91	24.5	170	3.6	0.5	51	0.08	0.3	<0.05	<0.2	<0.1	17.0	0.64	0.06	0.03	<2	0.39	0.062
Reference Materials																					
STD DS10	Standard	13.31	161.15	156.07	370.3	1974	75.4	13.1	829	2.69	41.2	2.42	120.5	7.0	55.9	2.45	6.53	11.57	41	1.04	0.072
STD DS10	Standard	15.07	162.23	162.04	389.5	1852	77.2	12.7	947	2.79	46.4	2.86	115.4	7.4	66.1	2.42	9.29	12.27	45	1.07	0.075
STD OREAS45EA	Standard	1.53	671.85	14.39	29.6	247	375.9	53.2	374	23.68	7.6	1.85	58.3	9.8	3.2	0.02	0.25	0.23	299	0.03	0.025
STD OREAS45EA	Standard	1.98	704.48	15.70	30.7	286	396.8	52.9	418	24.26	11.5	2.01	52.5	11.0	3.6	<0.01	0.53	0.36	307	0.03	0.028
STD DS10 Expected		14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OREAS45EA Expected		1.39	709	14.3	28.9	260	381	52	400	23.51	9.1	1.73	53	10.7	3.5	0.02	0.2	0.26	303	0.036	0.029
BLK	Blank	<0.01	0.06	<0.01	0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.05	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.04	0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.5	<0.05	<0.2	<0.1	<0.5	0.02	<0.02	<0.02	<2	<0.01	<0.001

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Client: **Serengeti Resources**
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8 CANADA

Project: Rottacker
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000328.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.05	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																		
2691782	Soil	1.7	17.9	0.03	418.2	0.007	33	0.26	0.012	0.05	0.07	0.4	<0.02	0.04	117	0.2	<0.02	0.8
REP 2691782	QC	1.8	18.3	0.03	439.7	0.007	41	0.28	0.012	0.05	0.07	0.4	<0.02	0.04	149	<0.1	<0.02	0.9
2691792	Soil	<0.5	2.9	0.04	222.0	0.002	49	0.11	0.009	0.05	<0.05	0.3	<0.02	0.10	210	0.3	<0.02	0.2
REP 2691792	QC	<0.5	2.8	0.04	209.3	0.002	38	0.11	0.009	0.05	<0.05	0.3	<0.02	0.10	193	0.2	<0.02	0.2
Reference Materials																		
STD DS10	Standard	15.8	54.4	0.75	398.1	0.066	<20	0.97	0.064	0.32	2.98	2.5	5.02	0.29	268	2.2	5.09	3.9
STD DS10	Standard	17.1	57.3	0.78	413.0	0.077	<20	1.02	0.068	0.34	2.93	3.1	5.05	0.29	271	2.1	4.72	4.2
STD OREAS45EA	Standard	6.5	936.5	0.09	138.2	0.085	<20	3.05	0.017	0.05	<0.05	71.1	0.05	0.04	7	0.4	0.10	11.6
STD OREAS45EA	Standard	7.5	880.4	0.09	149.9	0.091	<20	3.17	0.017	0.05	<0.05	75.7	<0.02	0.04	11	0.5	0.04	12.0
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	300	2.3	5.01	4.3
STD OREAS45EA Expected		6.57	849	0.095	148	0.0875		3.13	0.02	0.053		78	0.072	0.036	10	0.63	0.07	11.7
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.05	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.05	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1

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Client: **Serengeti Resources**
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8 CANADA

Submitted By: Dave Moore
Receiving Lab: Canada-Smithers
Received: June 17, 2014
Report Date: September 11, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS SMI14000329.1

CLIENT JOB INFORMATION

Project: Rottacker
Shipment ID: ROT14-B-H
P.O. Number
Number of Samples: 54

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	54	Dry at 60C sieve 100g to -80 mesh			SMI
SVRJT	54	Save all or part of Soil Reject			SMI
AQ250	34	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Serengeti Resources
1700 - 750 W. Pender Street
Vancouver BC V6C 2T8
CANADA

CC: Greg Ross

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6C 2T8 CANADA

Project: Rottacker
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000329.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.05	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
2691501	Soil																				
2691502	Soil																				
2691503	Soil																				
2691504	Soil																				
2691505	Soil																				
2691506	Soil																				
2691507	Soil																				
2691531	Soil	0.67	8.77	5.26	40.0	55	16.0	4.5	99	2.01	8.1	0.17	1.8	0.6	8.3	0.11	0.30	0.09	54	0.12	0.033
2691532	Soil	0.74	8.99	4.19	41.8	61	16.1	5.0	98	2.08	8.3	0.18	0.8	0.6	8.9	0.11	0.31	0.08	54	0.11	0.038
2691533	Soil	0.50	9.20	4.08	49.1	20	22.4	5.1	105	2.41	8.1	0.18	0.5	0.6	8.6	0.14	0.32	0.07	59	0.16	0.077
2691534	Soil	0.67	18.34	3.95	54.7	117	32.0	6.7	114	2.51	8.4	0.21	0.5	0.8	8.7	0.19	0.37	0.06	54	0.12	0.076
2691535	Soil	0.45	9.06	3.73	38.5	10	25.2	5.7	130	1.88	6.0	0.15	2.2	0.6	8.9	0.10	0.29	0.07	44	0.13	0.062
2691536	Soil	0.60	9.37	3.91	37.6	111	12.7	3.6	110	1.93	4.3	0.18	2.1	0.8	7.7	0.16	0.21	0.06	43	0.10	0.075
2691537	Soil	1.99	20.11	7.13	48.3	138	9.3	4.8	131	2.61	14.2	1.17	0.9	1.2	6.9	0.08	0.16	0.10	66	0.05	0.069
2691538	Soil	2.25	21.09	8.20	54.6	172	8.4	4.6	166	2.96	15.5	1.53	0.7	1.7	9.2	0.11	0.36	0.14	75	0.05	0.095
2691539	Soil	2.45	13.55	5.00	39.4	74	15.1	5.4	112	2.43	7.4	0.32	<0.2	1.0	11.4	0.08	0.24	0.10	54	0.14	0.123
2691540	Soil	0.47	12.44	4.34	54.1	253	12.1	3.7	447	4.05	11.9	0.16	10.9	0.3	4.9	0.40	0.36	0.10	92	0.05	0.034
2691541	Soil	0.73	12.66	3.92	38.2	57	10.8	4.3	108	1.47	3.3	0.34	0.5	0.5	22.2	0.21	0.19	0.07	39	0.41	0.013
2691542	Soil	0.60	10.32	4.18	33.5	36	9.7	3.7	79	1.61	4.2	0.19	0.6	0.8	8.8	0.15	0.22	0.06	42	0.11	0.031
2691543	Soil	0.64	11.75	3.44	32.2	45	15.5	4.8	205	1.71	4.8	0.16	1.7	0.4	13.0	0.16	0.28	0.06	41	0.25	0.041
2691544	Soil	0.47	6.40	2.49	22.6	39	8.5	2.5	98	0.95	1.9	0.11	0.7	0.5	12.0	0.16	0.16	0.05	27	0.21	0.022
2691545	Soil	0.63	10.34	3.78	58.5	57	13.1	4.7	185	1.90	4.9	0.24	1.5	1.0	8.6	0.14	0.20	0.06	44	0.10	0.097
2691546	Soil	0.74	8.58	3.82	29.5	22	14.1	4.2	95	1.72	5.0	0.18	0.5	0.8	8.8	0.08	0.19	0.07	41	0.12	0.043
2691547	Soil	1.79	21.58	7.41	49.3	326	8.8	7.9	1546	1.97	4.9	0.65	2.0	1.3	19.9	0.50	0.16	0.08	46	0.28	0.084
2691548	Soil	0.74	18.53	4.55	48.8	109	22.7	5.6	229	2.28	7.8	0.30	0.8	0.8	13.8	0.27	0.30	0.10	50	0.19	0.114
2691549	Soil	0.69	11.38	5.67	25.9	70	12.9	4.0	87	1.89	4.3	0.23	1.2	0.5	10.1	0.09	0.24	0.11	53	0.10	0.025
2691550	Soil	0.87	18.36	5.39	31.9	102	15.1	5.2	129	2.13	5.7	0.24	1.4	0.3	10.6	0.11	0.29	0.16	53	0.13	0.050
2691551	Soil																				
2691552	Soil																				
2691553	Soil																				

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Project: Rottacker
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000329.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.05	0.1	0.02	0.02	5	0.1	0.02	0.1
2691501	Soil																	
2691502	Soil																	
2691503	Soil																	
2691504	Soil																	
2691505	Soil																	
2691506	Soil																	
2691507	Soil																	
2691531	Soil	3.4	34.4	0.20	72.8	0.029	<20	0.66	0.003	0.03	0.09	1.5	0.03	<0.02	25	<0.1	<0.02	2.9
2691532	Soil	3.5	34.0	0.21	84.5	0.027	<20	0.73	0.003	0.03	0.09	1.5	0.03	<0.02	22	0.1	<0.02	2.9
2691533	Soil	3.8	43.7	0.30	73.8	0.024	<20	1.00	0.002	0.03	0.11	1.9	0.04	<0.02	28	0.1	<0.02	3.6
2691534	Soil	4.1	47.9	0.38	135.9	0.024	<20	1.14	0.002	0.03	0.10	2.3	0.04	<0.02	34	0.1	<0.02	3.6
2691535	Soil	3.7	43.1	0.35	84.0	0.023	<20	1.10	0.003	0.03	0.10	1.9	0.04	<0.02	32	0.1	<0.02	3.8
2691536	Soil	4.0	28.2	0.19	77.3	0.027	<20	0.89	0.003	0.03	0.08	1.6	0.03	<0.02	210	0.2	<0.02	3.0
2691537	Soil	3.9	15.7	0.07	139.9	0.005	<20	0.87	0.001	0.05	0.15	2.9	0.15	<0.02	29	0.1	0.04	4.7
2691538	Soil	4.5	15.6	0.09	161.1	0.005	<20	1.00	<0.001	0.06	0.24	3.4	0.15	<0.02	30	0.3	0.06	5.8
2691539	Soil	4.4	27.5	0.28	105.3	0.018	<20	1.11	0.002	0.04	0.27	2.1	0.04	<0.02	35	<0.1	0.03	4.5
2691540	Soil	1.3	46.8	0.03	222.9	0.021	<20	0.55	0.002	0.08	0.16	2.3	0.08	<0.02	17	<0.1	<0.02	3.2
2691541	Soil	3.6	24.3	0.18	314.6	0.023	<20	0.54	0.005	0.04	0.08	1.6	0.03	<0.02	43	0.2	<0.02	2.3
2691542	Soil	4.3	22.5	0.09	91.5	0.022	<20	0.61	0.003	0.03	0.09	1.6	0.03	<0.02	13	0.1	<0.02	2.4
2691543	Soil	4.1	28.1	0.21	160.0	0.023	<20	0.61	0.003	0.05	0.08	1.5	0.04	<0.02	28	0.2	0.03	2.5
2691544	Soil	3.6	17.8	0.16	67.5	0.025	<20	0.39	0.003	0.05	0.08	1.0	0.02	<0.02	16	<0.1	<0.02	1.9
2691545	Soil	3.8	25.4	0.19	82.2	0.015	<20	0.87	0.002	0.03	0.12	1.5	0.03	<0.02	32	0.1	<0.02	2.7
2691546	Soil	4.5	27.9	0.24	82.3	0.025	<20	0.66	0.002	0.04	0.06	1.4	0.04	<0.02	19	0.1	<0.02	2.5
2691547	Soil	6.2	20.4	0.09	447.8	0.008	<20	0.73	0.003	0.09	0.15	2.0	0.04	<0.02	44	0.2	0.03	2.3
2691548	Soil	4.8	33.9	0.30	118.4	0.017	<20	0.98	0.003	0.05	0.12	2.2	0.04	<0.02	65	0.1	<0.02	3.3
2691549	Soil	3.1	30.0	0.15	85.9	0.023	<20	0.62	0.004	0.04	0.09	1.3	0.04	<0.02	28	<0.1	0.03	3.6
2691550	Soil	2.9	29.7	0.22	66.3	0.018	<20	0.69	0.002	0.05	0.15	1.2	0.03	<0.02	142	0.1	<0.02	3.2
2691551	Soil																	
2691552	Soil																	
2691553	Soil																	

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Project: Rottacker
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000329.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.05	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
2691554	Soil																				
2691555	Soil																				
2691556	Soil																				
2691557	Soil																				
2691558	Soil																				
2691559	Soil	9.97	9.89	4.75	34.3	26	7.2	3.8	70	1.99	7.1	0.39	1.3	1.1	11.0	0.12	0.24	0.08	50	0.11	0.028
2691560	Soil	2.90	19.63	6.78	56.4	143	18.3	7.4	454	1.95	6.1	0.66	4.3	1.0	18.9	0.28	0.22	0.06	45	0.26	0.022
2691561	Soil	1.93	15.29	3.77	31.6	40	13.0	3.8	82	1.86	4.7	0.21	5.0	0.8	12.2	0.08	0.22	0.06	44	0.10	0.085
2691562	Soil																				
2691563	Soil																				
2691564	Soil																				
2691565	Soil																				
2691566	Soil																				
2691567	Soil	0.83	9.99	4.77	57.8	40	14.4	4.6	141	2.07	5.2	0.24	0.8	1.0	10.0	0.24	0.18	0.08	48	0.14	0.104
2691568	Soil	0.95	10.85	4.03	35.1	97	13.6	3.6	98	2.27	6.7	0.25	2.2	0.6	7.6	0.20	0.27	0.09	56	0.09	0.097
2691569	Soil	1.87	11.16	5.72	62.8	207	15.3	5.4	356	2.59	6.4	0.32	1.7	1.0	8.9	0.25	0.25	0.12	63	0.11	0.136
2691570	Soil	0.87	18.38	3.91	48.6	415	24.2	4.8	104	1.81	4.9	0.28	3.7	0.9	8.8	0.43	0.20	0.07	42	0.13	0.081
2691571	Soil	0.86	9.31	5.24	54.8	363	10.9	4.2	177	2.64	7.9	0.30	1.9	0.9	9.1	0.23	0.23	0.08	69	0.11	0.161
2691572	Soil	0.89	10.22	4.18	27.0	66	12.1	3.4	79	1.75	6.6	0.36	1.0	0.8	6.7	0.08	0.33	0.07	45	0.07	0.044
2691573	Soil	2.14	22.78	7.28	79.3	150	26.4	7.8	177	2.96	10.0	0.41	11.5	1.4	9.1	0.19	0.26	0.11	70	0.11	0.049
2691574	Soil	0.52	9.95	2.92	30.0	54	21.5	4.8	107	1.32	3.9	0.18	0.5	0.6	11.7	0.23	0.24	0.06	34	0.20	0.025
2691575	Soil	1.12	12.83	5.02	34.7	159	10.8	4.2	128	1.77	4.0	0.26	0.7	0.8	8.0	0.20	0.20	0.16	46	0.09	0.051
2691576	Soil	1.08	23.89	8.26	54.9	582	3.2	3.4	93	2.39	5.8	0.54	0.7	2.6	5.7	0.04	0.09	0.11	55	0.08	0.097
2691577	Soil	0.77	23.42	7.17	52.4	86	21.1	7.1	200	2.15	3.6	0.32	1.4	0.7	16.3	0.15	0.16	0.31	57	0.26	0.033

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Project: Rottacker
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000329.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.05	0.1	0.02	0.02	5	0.1	0.02	0.1
2691554	Soil																	
2691555	Soil																	
2691556	Soil																	
2691557	Soil																	
2691558	Soil																	
2691559	Soil	4.4	14.8	0.09	114.8	0.013	<20	0.46	0.003	0.05	0.38	1.7	0.04	<0.02	9	<0.1	<0.02	2.8
2691560	Soil	11.0	31.5	0.31	964.1	0.014	<20	0.96	0.004	0.05	0.22	6.5	0.07	<0.02	65	0.2	<0.02	2.9
2691561	Soil	4.1	29.1	0.18	66.3	0.023	<20	1.01	0.002	0.03	0.11	1.7	0.04	<0.02	50	0.2	<0.02	3.0
2691562	Soil																	
2691563	Soil																	
2691564	Soil																	
2691565	Soil																	
2691566	Soil																	
2691567	Soil	4.0	32.6	0.21	101.1	0.023	<20	1.43	0.002	0.03	0.10	1.8	0.04	<0.02	31	0.2	<0.02	4.0
2691568	Soil	3.6	34.1	0.21	48.1	0.028	<20	1.06	0.002	0.03	0.11	1.7	0.04	<0.02	33	0.1	<0.02	3.8
2691569	Soil	3.8	39.1	0.21	73.7	0.028	<20	1.62	0.002	0.04	0.11	2.0	0.04	<0.02	58	0.2	<0.02	5.1
2691570	Soil	4.0	39.3	0.33	79.0	0.018	<20	1.49	0.002	0.03	0.10	2.1	0.04	<0.02	93	0.2	0.02	3.4
2691571	Soil	3.2	42.5	0.12	68.4	0.018	<20	1.63	<0.001	0.03	0.12	1.8	0.03	<0.02	56	0.3	0.03	4.7
2691572	Soil	3.5	26.8	0.13	48.7	0.022	<20	0.66	0.002	0.03	0.11	1.5	0.04	<0.02	28	<0.1	<0.02	3.0
2691573	Soil	4.4	46.0	0.42	99.5	0.024	<20	1.48	0.001	0.04	0.10	2.5	0.04	<0.02	30	0.2	0.07	5.2
2691574	Soil	4.0	36.9	0.38	92.6	0.024	<20	0.60	0.002	0.04	0.09	1.5	0.03	<0.02	16	<0.1	<0.02	2.5
2691575	Soil	3.9	29.9	0.18	53.3	0.024	<20	0.73	0.003	0.04	0.11	1.2	0.03	<0.02	27	0.1	<0.02	4.1
2691576	Soil	4.3	7.5	0.06	87.1	0.002	<20	1.06	0.001	0.05	0.30	2.3	0.08	<0.02	20	<0.1	0.02	3.2
2691577	Soil	4.5	50.4	0.41	201.0	0.032	<20	1.01	0.003	0.04	0.11	1.7	0.03	<0.02	20	<0.1	0.02	4.4

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Project: Rottacker
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000329.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.05	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
2691538	Soil	2.25	21.09	8.20	54.6	172	8.4	4.6	166	2.96	15.5	1.53	0.7	1.7	9.2	0.11	0.36	0.14	75	0.05	0.095
REP 2691538	QC	2.16	21.11	8.01	50.7	152	7.8	4.3	159	3.02	16.1	1.45	1.3	1.5	9.4	0.09	0.38	0.14	76	0.05	0.090
2691577	Soil	0.77	23.42	7.17	52.4	86	21.1	7.1	200	2.15	3.6	0.32	1.4	0.7	16.3	0.15	0.16	0.31	57	0.26	0.033
REP 2691577	QC	0.78	23.22	7.20	48.7	75	21.6	6.9	188	2.04	3.6	0.31	1.4	0.7	15.8	0.14	0.16	0.30	55	0.26	0.031
Reference Materials																					
STD DS10	Standard	12.11	154.38	145.96	353.1	1693	71.7	12.8	820	2.61	39.7	2.55	56.9	6.8	54.3	2.30	5.53	10.63	39	1.00	0.068
STD DS10	Standard	14.72	159.98	161.06	400.7	1740	74.2	13.7	921	2.82	43.4	2.72	68.8	7.6	64.7	2.53	9.04	12.22	44	1.08	0.083
STD OREAS45EA	Standard	1.49	651.93	13.91	28.4	230	361.2	50.2	367	23.11	7.9	1.72	48.0	9.6	2.9	0.02	0.21	0.23	273	0.03	0.025
STD OREAS45EA	Standard	1.77	734.84	15.52	34.1	270	407.6	58.1	448	25.43	11.7	2.10	49.6	12.1	4.1	0.03	0.46	0.38	319	0.03	0.029
STD DS10 Expected		14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OREAS45EA Expected		1.39	709	14.3	28.9	260	381	52	400	23.51	9.1	1.73	53	10.7	3.5	0.02	0.2	0.26	303	0.036	0.029
BLK	Blank	<0.01	0.07	<0.01	<0.1	3	<0.1	<0.1	<1	<0.01	<0.1	<0.05	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.02	<0.01	0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.05	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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QUALITY CONTROL REPORT SMI14000329.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.05	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																		
2691538	Soil	4.5	15.6	0.09	161.1	0.005	<20	1.00	<0.001	0.06	0.24	3.4	0.15	<0.02	30	0.3	0.06	5.8
REP 2691538	QC	4.2	16.1	0.09	150.1	0.005	<20	1.00	<0.001	0.06	0.12	3.5	0.14	<0.02	37	<0.1	0.09	5.4
2691577	Soil	4.5	50.4	0.41	201.0	0.032	<20	1.01	0.003	0.04	0.11	1.7	0.03	<0.02	20	<0.1	0.02	4.4
REP 2691577	QC	4.1	47.2	0.39	198.1	0.031	<20	0.99	0.003	0.04	0.14	1.6	0.03	<0.02	24	0.1	0.04	4.4
Reference Materials																		
STD DS10	Standard	14.7	53.7	0.73	363.6	0.064	<20	0.94	0.062	0.33	2.65	2.5	4.68	0.28	276	2.2	4.53	3.9
STD DS10	Standard	16.4	55.5	0.78	421.4	0.077	<20	1.03	0.067	0.34	3.44	2.8	5.18	0.29	329	2.4	5.15	4.2
STD OREAS45EA	Standard	6.4	893.0	0.08	129.6	0.082	<20	3.02	0.016	0.05	<0.05	67.6	0.06	0.04	12	0.4	0.07	11.0
STD OREAS45EA	Standard	7.5	947.2	0.10	153.5	0.099	<20	3.27	0.018	0.06	<0.05	82.0	<0.02	0.04	<5	0.5	0.11	12.5
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	300	2.3	5.01	4.3
STD OREAS45EA Expected		6.57	849	0.095	148	0.0875		3.13	0.02	0.053		78	0.072	0.036	10	0.63	0.07	11.7
BLK	Blank	<0.5	0.6	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.05	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.05	<0.1	<0.02	<0.02	<5	0.1	<0.02	<0.1