



SERENGETI
RESOURCES INC.

ASSESSMENT REPORT

including

Drilling

on the

KWANIKA PROPERTY

BC Geological Survey
Assessment Report
32338

**OMINECA MINING DIVISION,
British Columbia
NTS: 93N/06 + 11
Latitude 55°30' N, Longitude 125°18' W**

**Prepared for:
SERENGETI RESOURCES INC
1700-750 West Pender Street
Vancouver, BC, Canada V6C 2T8**

**By:
H.R. SAMSON,
B.Sc.,
30 June, 2011
Vancouver, B.C.**

Table of Contents

List of Tables	1
List of Figures	1
List of Appendix.....	2
(1) Introduction and Terms of Reference.....	3
(2) Property Description and Location.....	4
(3) Accessibility, Local Resources, Infrastructure, Climate and Physiography	9
(4) History	10
(5) Geology.....	19
Regional Geology	19
Property Geology	20
(6) Results	30
(7) Discussion	33
(8) Summary and Recommendations	33
(9) References.....	36

List of Tables

Table 1 – March 2011 NI 43-101 Compliant Mineral Resources

Table 2 – Detailed Claim Information

Table 3 – Kwanika Property Exploration Summary

Table 4 – Division of Hogem Batholith Intrusive Suite

Table 5 – Central Zone Alteration Assemblages

Table 6 – Significant Drill Intersections from 2010 Program

Table 7 – South zone Mineral Resources

Table 8 – Proposed Exploration Budget

List of Figures

Figure 1 – Kwanika Property General Location

Figure 2 – Kwanika Property Claims

Figure 3 – 2011 Drill Collar Location Map

Figure 4 – Plan Map of Induced Polarization (IP) Chargeability

Figure 5 – Kwanika Area Regional Geology

Figure 6 – Kwanika Property Geology

Figure 7 – Plan Map Showing Drill Section Lines

Figure 8 – Fault Bounded South Zone Mineralized Domain over Induced Polarization (IP) Resistivity

Figure 9 – Kwanika Property Wide Exploration Targets

List of Appendix

Appendix A - Expenditure Statement

Appendix B - Geologist's Certificate

Appendix C – Drill Logs and Sections Illustrating 2010 Drilling

Appendix D – Drill Hole and Assay Database

Appendix C – Analytical Certificates

(1) Introduction and Terms of Reference

The Kwanika property is located in north-central British Columbia, within the Omineca Mining Division (Figure 1). The property consists of 28 contiguous unpatented mineral claims covering an area of 8,960.29 ha and is 100% owned by Serengeti Resources Inc. (Serengeti) (Figure 2). Serengeti acquired the current extent of the property through staking between 2004 and 2006. The Kwanika claims were acquired in order to follow up past exploration activities that indicated potential for a large porphyry copper to occur underlying the extensive quaternary glacial sediments that cover the majority of the property.

Airborne surveys and initial mapping/prospecting were carried out in 2005, and ground IP geophysics in 2006. An initial diamond drill program consisting of reconnaissance holes was drilled in the summer of 2006 (K-06-01 to 05). This was followed by a diamond drill program (K-06-06 thru 10) conducted in November and December 2006. The second phase of drilling yielded the discovery of the completely covered copper-gold Central Zone, first encountered by drill hole K-06-09, which intersected 111.1 m grading 0.69% Cu, 0.54 g/t Au.

Several phases of subsequent exploration and drilling have defined two mineral deposits: the copper-gold-molybdenum-silver South Zone and the copper-gold-silver Central Zone, both of which contain 43-101 compliant Mineral Resources (Figure 2). The Mineral Resource estimates are summarized in Table 1 below.

TABLE 1 KWANIKA PROJECT MINERAL RESOURCES – DECEMBER 31, 2010
(NI 43-101 TECHNICAL REPORT ON THE KWANIKA PROJECT, RENNIE, D.W, 2011)
Serengeti Resources Inc. - Kwanika Project

Central Zone										
Category	Cut-Off	Tonnage	Au		Cu		Ag			
	(\$/t)	(Mt)	(g/t)	(M oz)	(%)	(M lb)	(g/t)	(M oz)		
Indicated	7.50	244	0.21	1.66	0.23	1,230	0.69	5.39		
Inferred	7.50	55.2	0.14	0.245	0.14	168	0.42	0.74		
South Zone										
Category	Cut-Off	Tonnage	Au		Cu		Mo	Ag		
	(\$/t)	(Mt)	(g/t)	(M oz)	(%)	(M lb)	(%)	(M lb)	(g/t)	(M oz)
Inferred	\$7.50	240	0.09	0.664	0.20	1.08	0.007	37.6	1.49	11.50

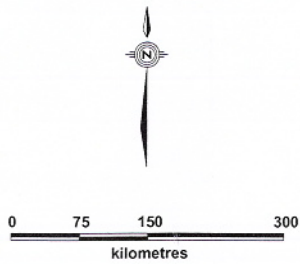
Serengeti financed a \$1,660,366 Phase V diamond drill program on the Kwanika property, which was completed from June 6th to August 5th 2010. The purpose of this document is to report on the Phase V drilling activities. During this period, a total of 28 diamond drillholes were completed on the property with an aggregate length of 7,619 m (Figure 3). This phase of exploration consisted of step-out drilling intended to expand the existing South Zone resource

reported in March 2010 (Rennie, D.W., 2010). A series of in-fill drill holes were also completed in order to gain further understanding of the mineralization in the copper-gold-silver-molybdenum South Zone. The Phase V drilling was successful in both expanding the mineralized envelope to the north of the historical resource area of the South Zone deposit and adding important geological information to the exploration model.

(2) Property Description and Location

The Kwanika property is located in north central British Columbia, in the Omineca Mining Division, approximately 140 km northwest (approximately 200 km by road) of Fort St. James. The project area is on NTS map sheets 93N06 and 93N11, at latitude 55°30' N and longitude 125°18' W. Figure 1 shows the location of the property.

The Kwanika property consists of 28 contiguous unpatented mineral claims covering an area of 8,960.29 ha and is 100% owned by Serengeti (Figure 2). It is not subject to any royalties or other outstanding liabilities. Serengeti acquired the claims through staking between 2004 and 2006. Additional information regarding the individual claims can be referenced in Table 2.



SERENGETI RESOURCES INC.

KWANIKA PROPERTY

Location Map

Date	Aug 11, 2008	Scale	1:8,000,000
Projection	UTM - NAD83	State/Province	BC
Author	MO	File	KwanLoc

Figure 1

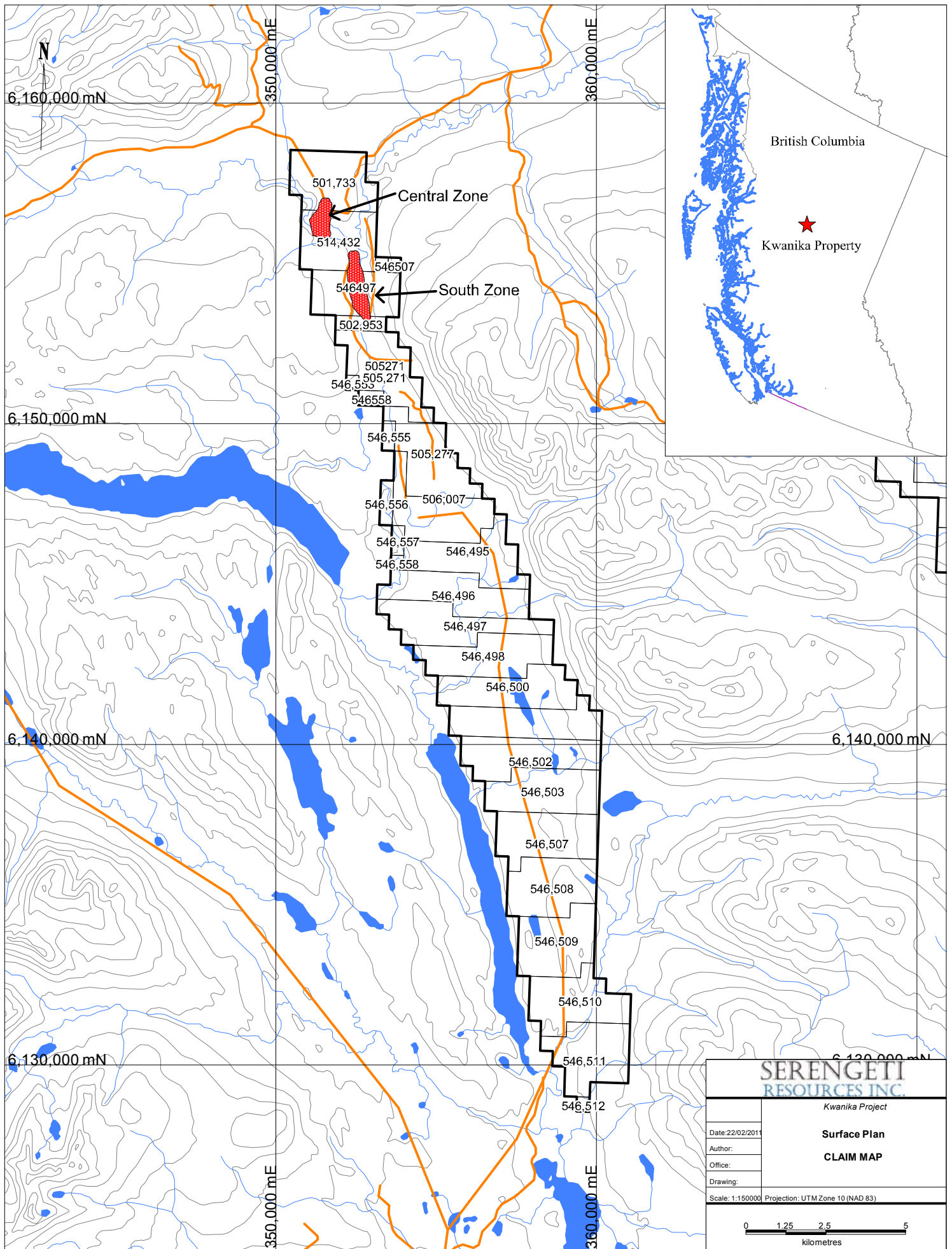
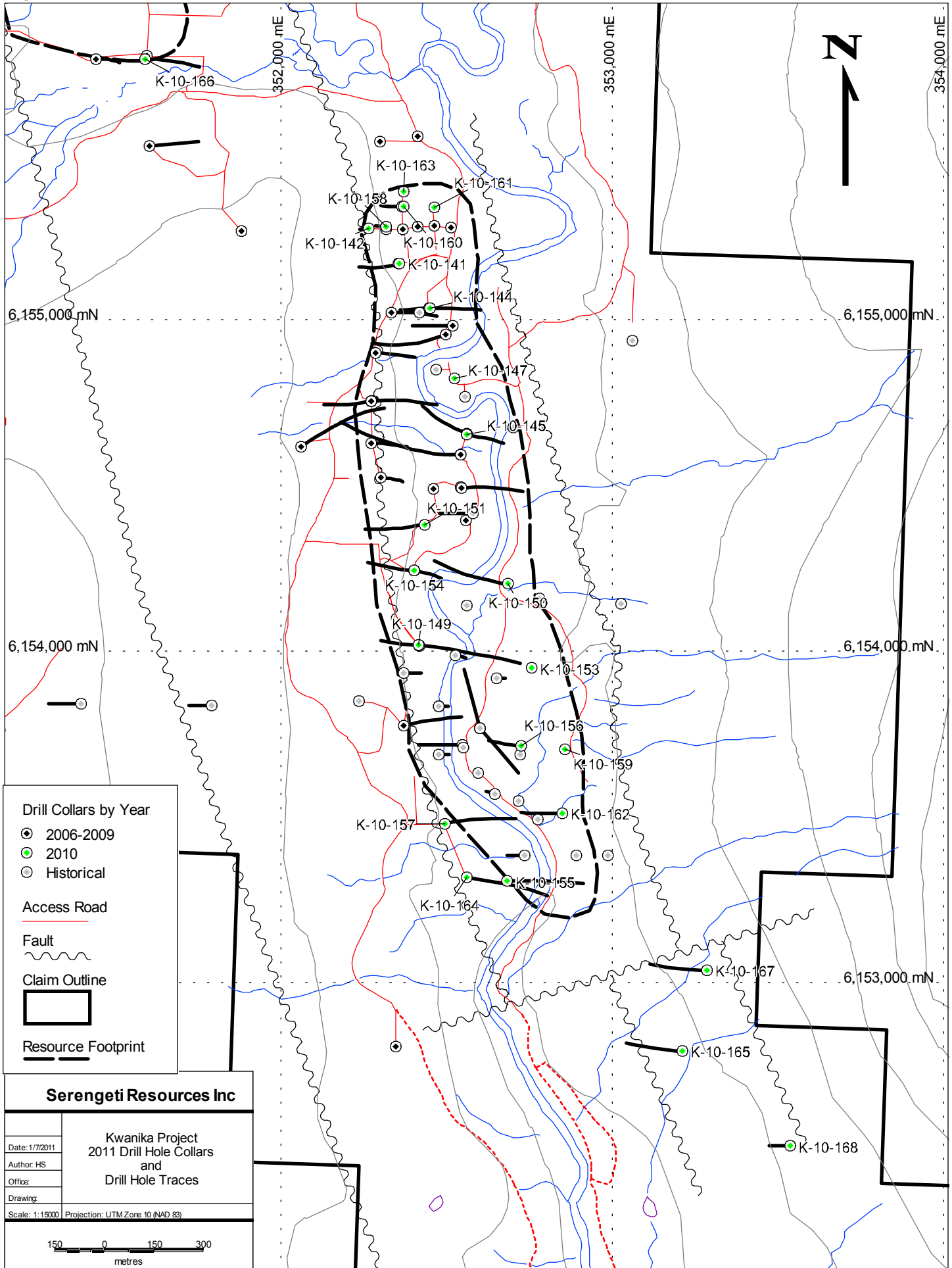


Figure 2

Table 2
Kwanika Tenure Details

<i>Project</i>	<i>Tenure #</i>	<i>Claim Name</i>	<i>Hectares</i>	<i>Expiry Date</i>	<i>NTS</i>	<i>Record Date</i>	<i>Mining Division</i>	<i>Cells</i>
KWANIKA	501733	KWANIKA 1	457.642	4-Dec-21	093N054	12-Jan-05	OMENICA	25
KWANIKA	502953	KWANIKA 4	73.296	4-Dec-21	093N054	13-Jan-05	OMENICA	4
KWANIKA	505271		458.168	4-Dec-21	093N044	31-Jan-05	OMENICA	25
KWANIKA	505277	KWANIKA 5	458.450	4-Dec-21	093N044	31-Jan-05	OMENICA	25
KWANIKA	506007	KWANIKA 7	458.624	4-Dec-21	093N044	6-Feb-05	OMENICA	25
KWANIKA	514432		439.522	19-Nov-21	093N054	19-Nov-04	OMENICA	24
KWANIKA	514433		403.038	19-Nov-21	093N054	19-Nov-04	OMENICA	22
KWANIKA	514455	KWANIKA 8	18.316	13-Jun-21	093N054	13-Jun-05	OMENICA	1
KWANIKA	546495	Kwanika 9	458.760	4-Dec-21	093N044	4-Dec-06	OMENICA	25
KWANIKA	546496	Kwanika 10	458.880	4-Dec-21	093N044	4-Dec-06	OMENICA	25
KWANIKA	546497	Kwanika 11	458.980	4-Dec-21	093N044	4-Dec-06	OMENICA	25
KWANIKA	546498		459.070	4-Dec-21	093N044	4-Dec-06	OMENICA	25
KWANIKA	546500	Kwanika 13	459.180	4-Dec-21	093N034,044	4-Dec-06	OMENICA	25
KWANIKA	546501	Kwanika 14	459.280	4-Dec-21	093N044	4-Dec-06	OMENICA	25
KWANIKA	546502	Kwanika 15	459.390	4-Dec-21	093N044	4-Dec-06	OMENICA	25
KWANIKA	546503	Kwanika 16	459.500	4-Dec-21	093N044	4-Dec-06	OMENICA	25
KWANIKA	546507		459.650	4-Dec-21	093N044	4-Dec-06	OMENICA	25
KWANIKA	546508	Kwanika 18	459.810	4-Dec-21	093N044	4-Dec-06	OMENICA	25
KWANIKA	546509	Kwanika 19	460.010	4-Dec-21	093N044	4-Dec-06	OMENICA	25
KWANIKA	546510	Kwanika 20	460.210	4-Dec-21	093N034,035	4-Dec-06	OMENICA	25
KWANIKA	546511	Kwanika 21	460.380	4-Dec-21	093N034,035	4-Dec-06	OMENICA	25
KWANIKA	546512	Kwanika 22	18.420	4-Dec-21	093N024	4-Dec-06	OMENICA	1
KWANIKA	546553	Kwanika 24	18.320	4-Dec-21	093N044	4-Dec-06	OMENICA	1
KWANIKA	546554	Kwanika 25	36.650	4-Dec-21	093N044	4-Dec-06	OMENICA	2
KWANIKA	546555	Kwanika 26	36.670	4-Dec-21	093N044	4-Dec-06	OMENICA	2
KWANIKA	546556	Kwanika 27	55.030	4-Dec-21	093N044	4-Dec-06	OMENICA	3
KWANIKA	546557	Kwanika 28	36.690	4-Dec-21	093N044	4-Dec-06	OMENICA	2
KWANIKA	546558	Kwanika 29	18.350	4-Dec-21	093N044	4-Dec-06	OMENICA	1
28 claims			8960.286					

Figure 3: 2010 Drill Collars and Plan Traces



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

ACCESSIBILITY

The Kwanika Property is located 140 km northeast of Fort St. James in north central British Columbia. It is accessible by the well-maintained, all-weather Leo Creek Forest Service Road (FSR) and Driftwood FSR. The Driftwood FSR services the nearby town of Takla Landing and is maintained year-round by the British Columbia Forestry Service to within 29 km of the site. The final 29 km of access is via the Tsayta Lake logging road which is suitable for passage of four-wheel-drive vehicles in all seasons (pending snow removal) and has been maintained seasonally by Serengeti since the fall of 2006. The road is snow-free from May to October. Serengeti has refurbished and significantly expanded a network of pre-existing exploration roads covering the property.

CLIMATE

The average temperature for this area (based on data from Fort St. James) is 3.1°C, with a peak average monthly temperature of 21.9°C in July and an average monthly low of -15.8°C in January.

The region receives an average of 295 mm of rainfall and 192 cm of snowfall annually, with 138 days per year where precipitation exceeds 0.2 mm. The Kwanika property is snow-covered from late October to May.

LOCAL RESOURCES

The Kwanika Project is in close proximity to the well-serviced communities of Prince George, Smithers, and Fort St. James. These established centres can provide skilled labour for mine construction and operation and are presently a source of an extensive workforce pool for exploration. The property is 320 km, by road, from the Endako molybdenum mine and 200 km by road from the Mt Milligan mine development project.

Serengeti reports that it has developed a beneficial association with the local Takla Lake First Nation, and that there is community support for the Kwanika Project and the potential employment that it would provide.

INFRASTRUCTURE

Infrastructure consists of a 30-man exploration camp. Other infrastructure on the Kwanika property consists of dirt logging roads and several kilometres of excavated trails. There

is a network of historical exploration roads stretching to the southern end of the property that could be reactivated for potential future exploration.

The Kwanika property is located approximately 75 km to the southwest of the Kemess power line, and B.C. Railway Company maintains an active rail line to Fort St. James (approximately 200 km via road) that could potentially be used for concentrate transport. Serengeti reports that the proximity of the power line and rail infrastructure compares favourably to other planned or existing mines in British Columbia.

There is sufficient water available in the immediate vicinity of the property to support both exploration and potential mining activities.

PHYSIOGRAPHY

The property occupies a broad, till-blanketed valley which ranges in elevation from 900 m to 1,200 m. The local topography is gently to moderately sloping, with sparse bedrock exposure. The only observable rock outcrops on the property are along the meandering Kwanika Creek, where fluvial processes have eroded the till blanket.

Kwanika Creek lies east of the Pacific divide, draining southward into the Nation Lakes chain, and eventually into the Arctic Ocean. The property is moderately forested with spruce and lodgepole pine, broadleaf deciduous trees and shrubs, such as alder, birch and aspen, and underlying lichen and mosses.

The Kwanika property is not subject to any known environmental liabilities and all required permits have been obtained and are in good standing.

(4) History

The first exploration on the Kwanika property occurred in the 1930s and 1940s with the discovery of mercury at Pinchi Lake. Initial exploration concentrated on prospecting for mercury mineralization along the Pinchi fault and for placer gold in Kwanika Creek.

Copper mineralization was first recognized along Kwanika Creek by prospectors Almond and Thurber in 1964. A. Hodgson and G. Bleiler were first to stake the property for Hogan Mines Ltd. (Hogan) in 1965. During that year, Hogan conducted a small X-ray drilling program (27.4 m) as well as a trenching and geochemical program (Macdonald, 1965; Buskas, Garrett & Morton, 1989). Geochemical results of a typical exposure yielded 0.25% Cu and 0.01% MoS₂ over 3.4 m. More copper mineralized samples yielded 0.94% Cu and 0.01% MoS₂ over 2.3 m.

The property was subsequently optioned to Canex Aerial Exploration Ltd. (Canex) in 1966 (Pentland, 1966; Sawyer 1969). Canex's work included geological, geochemical (sediment and water, parameters not defined) and magnetic/induced polarization (IP) surveys on a 67.6 km

cut grid, as well as drilling eleven diamond drillholes (856 m). The geophysics identified an IP anomaly coincident with mineralized outcrops along Kwanika Creek. Drilling confirmed that this IP anomaly was caused by sulphide mineralization that comprised up to 5% of the rock mass. A second IP anomaly with a significant 300 gamma magnetic response and a frequency effect of 3% was also identified to the west of Kwanika Creek. It remained untested as it was thought to be located in a sedimentary environment and within the Pinchi fault zone.

The Canex option was terminated and the property was acquired by Great Plains Development Company of Canada (Great Plains) in 1969. Great Plains conducted a magnetic survey and drilled seven diamond drillholes (1,320 m) to test the previously identified IP and magnetic low anomalies (Sawyer, 1969; Buskas, Garrett & Morton, 1989). Results for drillholes DDH# B-1, B-2, and B-4 showed the best copper mineralization at the bottom of the holes, with 0.10% Cu to 0.21% Cu in the top 45 m to 0.21% Cu to 0.41% Cu at 91 m to 101 m. The drilling program outlined an area about 490 m by 300 m of low grade copper mineralization, grading approximately 0.20% Cu. No gold analysis was done and molybdenum was analyzed only in selected sections.

In 1972, Bow River Resources Ltd. (Bow River) mapped the property and drilled six percussion holes for a total of 549 m, (Buskas, Garrett & Morton, 1989). An analysis of the drillhole logs reveals 0.15% Cu to 0.17% Cu over the full length of three holes (9 m to 91 m depth).

Pechiney Developments Ltd. (Pechiney) optioned the property in 1973 and conducted a 64.4 km grid IP and resistivity survey (Hallop & Goudie, 1973). When the results were interpreted with previous drillhole data, it was determined that the best copper grades corresponded to anomalies with frequency effects over 3% and resistivities over 100 ohm-m. In 1974, Pechiney conducted a 30 hole, 2,993 m percussion drilling program (Guelpa, 1974); however, assay results for this work are no longer available.

In 1981, Placer Developments Ltd. conducted a geochemical survey further south which consisted of 35 soil samples and 16 rock samples (Bulmer, 1981). Soil samples were collected from a grid with 100 m sampling interval and a line spacing of 200 m. Rock samples were collected from outcrops on the soil grid as well as along Kwanika Creek. The survey identified anomalous copper (up to 2,520 ppm), molybdenum (up to 730 ppm) and mercury (up to 90 ppb) values occurring within cataclased granite along Kwanika Creek, near the Pinchi fault.

In 1983, Aume Resources Ltd. conducted a geochemical survey at the northern end of the Kwanika property to investigate the gold content of mercury mineralization associated with the Pinchi fault (Culbert, 1983). The survey consisted of 43 soil samples, 37 stream sediment samples and 12 rock samples, which were collected during line traverses and included samples collected outside the property boundaries. Assay results supported the high concentration of mercury associated with the Pinchi fault (up to 6,400 ppb), however, Au and Ag values were not anomalous.

In 1986, Daren Resources Ltd. conducted a geochemical survey in the northwest corner of the Kwanika property, which included work on the northwestern and western periphery of the

property (Christoffersen, 1986). The regional survey consisted of 96 soil samples, 14 silt samples, and 15 rock samples. The results obtained from this survey confirmed previously identified low order gold, silver, and arsenic anomalies, with the best sample grading 275 ppb Au, 58 ppm As, and 1.1 ppm Ag.

In 1989, W. Halleran staked the Swan property, located in the northern portion of the Kwanika claims at 55°30'N, 125°19'W (Carpenter, 1999), on ground previously abandoned by Bow River (1972). Halleran was able to demonstrate the association of gold with the copper mineralization and subsequently optioned the property to Eastfield Resources Ltd. (Eastfield) (Buskas, Garrett & Morton, 1989). During 1989, Eastfield conducted an extensive exploration program which consisted of cutting 22.6 km of grid lines, a geochemical survey (55 soils at 50 m intervals, 143 stream sediments on Kwanika Creek tributaries and 162 rock samples), and a 23.3 km IP survey. Work conducted during this period also consisted of geological mapping, prospecting and resampling historical core. Results from the geochemical survey indicated that the highest and most consistent copper-gold anomalies were restricted to the North copper zone (values up to 9,462 ppm Cu and up to 1,227 ppb Au). A comprehensive analysis of the geophysical chargeability results in conjunction with geochemical, drillhole and geological surveying data yielded six targets for future exploration which extended throughout the property. Furthermore, it was determined that the best copper mineralization was not always associated with the strongest sulphide mineralization, suggesting that significant copper mineralization may be associated with less intense IP anomalies.

Eastfield also carried out a small drilling program in 1991 consisting of four diamond drillholes, totalling 549 m (Morton, 1991). The program intended to test geophysical targets to the north and west of the Pechiney 1974 percussion holes. The drilling program failed to identify new zones of significant mineralization.

Discovery Consultants (Discovery) re-staked the Swan property and continued exploration in 1995 with a limited heavy mineral stream sediment (two samples) and rock (15 samples) geochemical program (Carpenter, 1996). The heavy mineral stream sediment samples from the west edge of the property yielded anomalous gold values of 3,180 ppb and 4,580 ppb, while the rock samples had values up to 73 ppb Au and 2,607 ppm Cu. In 1999, Discovery obtained an additional three heavy mineral stream sediment samples from the east side of the property which yielded anomalous gold values of 7,450 ppb and 1,730 ppb (Carpenter, 1999).

A historical Mineral Resource estimate for what is currently referred to as the South Zone deposit was produced in 1976. The estimate stated a Mineral Resource of 36 Mt grading 0.20% Cu (Pilcher and McDougall, 1976). No mention was made of the source of this estimate or how it was done, however, Serengeti was able to obtain a similar result using the same dataset and a polygonal method. Note that this is a historic estimate, which is not NI 43-101 compliant and is provided here for reference only.

No further work was done on the property until Serengeti acquired it in 2004. In 2005, Serengeti conducted a 530 km airborne magnetic/radiometric survey and collected 11 rock samples on the Kwanika and Germansen properties to assist in porphyry target identification (Osatenko, 2005). The airborne survey identified a small magnetic anomaly on the east side of

the known porphyry copper-gold deposit, with similar anomalies trending to the north-northwest of the deposit, as well as to the south. Six of these anomalies are associated with weak K/Th anomalies, which are often associated with porphyry copper-gold deposits. The copper, gold, and molybdenum values in rock samples associated with the deposit outcrops along Kwanika Creek ranged from 507 ppm to 10,740 ppm Cu, 22 ppb to 416 ppb Au, and 2 ppm to 533 ppm Mo.

During 2006 and 2007, Walcott Geophysics (Walcott) was engaged by Serengeti to carry out several ground-based IP surveys in the vicinity of the Central and South Zone deposits. In 2006, Serengeti conducted a magnetic and IP survey over 26.9 km of geophysical lines. The results outlined a significant IP signature over the Kwanika deposit as well as a continuation of this IP anomaly into a large, covered area to the north-northwest. Follow-up drilling in summer 2006 on the IP anomaly consisted of five diamond drillholes (K-06-01 to K-06-05, 659.6 m), which confirmed the copper grade of the previously known mineralization and identified a new zone some distance to the north (hole K-06-04, 0.32% Cu and 0.15 g/t Au over 18.3 m).

In November and December 2006, five diamond drillholes (1,214.7 m) were drilled in the vicinity of hole K-06-04, resulting in the discovery hole for the Central Zone, K-06-09 (0.69% Cu and 0.54 g/t Au over 111 m).

The following year, Serengeti carried out a regional airborne magnetic and electromagnetic (EM) survey, totalling 320 line-km, over the Kwanika property. The purpose of the survey was to detect zones of conductive sulphide mineralization, to outline any porphyry-style intrusive complexes, and to provide information that could be used to map the geology and structure of the survey areas. The results yielded by the survey identified multiple high magnetic/low resistivity anomalies throughout the property, which outline a general north-northwest trend coincident with South Zone and Central Zone deposit areas.

The IP work has included 50 m, 100 m, and 200 m dipole spacings in surveys carried out over 22 lines, covering 87.5 line-km. The results of the various surveys have outlined an area of anomalous chargeability (i.e., greater than 12 mV/V) over an area measuring 5.5 km long by 300 m to 500 m wide in the northern section of the Kwanika property. The shape of this anomaly is directly coincident with the outline of the currently known, near surface (i.e., within approximately 200 m) copper-gold \pm molybdenite mineralization in the Central and South Zone deposits (Figure 4). Drilling by Serengeti and earlier operators has shown that strong chargeability anomalies (i.e., greater than 20 mV/V) are commonly coincident with zones of higher grade, near-surface copper-gold \pm molybdenite mineralization.

Subsequent to the discovery of the Central Zone deposit in the fall 2006/winter 2007, Serengeti initiated the third phase of the diamond drill program to define the new deposit. An all-weather, 30-man camp was constructed in March 2007. Coast Mountain Geological Ltd. (CMG), a Vancouver-based geological consulting firm, was contracted to manage the drill project. Diamond drilling was carried out by Cyr Drilling International Ltd. of Winnipeg, Manitoba.

The Phase III drill program on the Kwanika property was conducted from March 2007 to August 2008. During this period, a total of 113 diamond drillholes, with an aggregate length of

53,646.3 m, were drilled on the property. These drillholes were primarily designed to delineate the mineralization in the Central Zone, explore the South Zone, as well as to test geophysical anomalies and possible extensions to the Central Zone mineralization.

Examples of significant drill intersections encountered include K-07-15 (0.61% Cu and 0.72 g/t Au over 328 m) and K-08-113 (0.51% Cu and 0.90 g/t Au over 482.5 m). The significant grades and widths of copper and gold mineralization encountered confirmed the existence of a previously unknown porphyry copper-gold deposit.

The South Zone drilling campaign during 2007 and 2008 comprised 16 diamond drillholes for an aggregate length of 4,935.4 m. Several holes in the South Zone encountered a strongly mineralized copper-gold-molybdenite-silver porphyry system that had not been fully recognized by past exploration. Examples of drill intersections include K-08-110 (0.27% Cu, 0.26 g/t Au, and 0.007% Mo over 239.8 m) and K-08-116 (0.39% Cu, 0.10 g/t Au, and 0.013% Mo over 113.7 m).

In 2007, selected baseline environmental studies were initiated on the Kwanika property by Ecofor Consulting Ltd. This phase of work was concluded in November 2008 and included measuring stream discharge levels, water quality, and other pertinent hydrological data.

In the summer and fall of 2008, Walcott was contracted to conduct 70 line-km of 100 m spaced dipole IP surveys over 22 lines from south of the two known deposits to the southern boundary of the Kwanika property, a north-south distance of approximately 23 km. Several chargeability anomalies have been identified by the IP surveys and will be the basis for further investigation of the southern section of the Kwanika property.

In April 2009, Serengeti issued a NI 43-101 compliant Technical Report on the Kwanika project that made an initial public disclosure of a Mineral Resource estimate for the Central Zone deposit.

The Phase IV drill program on the Kwanika property was conducted from June to September 2009. During this period, a total of 17 diamond drillholes were completed on the property with an aggregate length of 6,249.1 m. This phase of exploration was primarily designed to follow up several encouraging intersections obtained during 2008 drilling in the underexplored South Zone area. Significant drill intersections encountered included

- K-09-124 (0.41% Cu, 0.05 g/t Au, and 0.018% Mo over 242.5 m)
- K-09-126 (0.51% Cu, 0.14 g/t Au, and 0.024% Mo over 150.3 m)

Drilling was successful in delineating and expanding a copper-gold-molybdenite-silver resource in the South Zone. In March of 2010, Serengeti issued a NI 43-101-compliant Technical Report on the Kwanika project that re-stated the Mineral Resource estimate for the Central Zone deposit and made an initial public disclosure of a Mineral Resource estimate for the South Zone deposit (Rennie, D.W., 2010). In addition, the program established an exploration model for a structurally controlled porphyry deposit in the South Zone area. Analysis and reinterpretation of geophysical and geological data suggested that potential existed for a structurally bounded

domain of mineralization measuring up to 2,900 m x 500 m. This favourable structural setting was coincident with a +12 mV/V chargeability anomaly. Past exploration at Kwanika has demonstrated a strong correlation between chargeability anomalies and copper mineralization. The Phase V exploration program completed at Kwanika in summer of 2010 focused on wide-spaced drill testing of the 2,900 x 500 m domain of mineralization.

Table 3 Kwanika Property Exploration Summary

Company (Year)	Geochemistry	Geophysics	Drilling/Trenching	Reference
Hogan Mines Ltd. (1965)	Survey not defined		2 X-ray drillholes (27.4 m), trenching program not defined	Macdonald (1965); Buskas, Garrett & Morton (1989)
Canex Aerial Explorations (1966)	Survey not defined	Ground: 67.6 km IP/Magnetic	11 DDH(855.9 m), trenching program not defined	Pentland (1966); <u>Sawyer (1969)</u>
Great Plains Development Company of Canada Ltd. (1969)		Ground magnetic survey not defined	7 DDH (1320 m)	<u>Sawyer (1969)</u> ; Buskas, Garrett & Morton (1989)
Bow River Resources (1972)			6 percussion drillholes (549.0 m)	Buskas, Garrett & Morton (1989)
Pechiney Development Ltd. (1973)		Ground: 64.4 km IP/Resistivity		Hallof & Goudie (1973)/4826
Pechiney Development Ltd. (1974)			30 percussion drillholes (2,993 m)	Guepla (1974)/ 5266
Placer Development Ltd. (1981)	35 soil, 16 rock			Bulmer (1981)/ 10492

Placer Development Ltd. (1981)	35 soil, 16 rock			Bulmer (1981)/10492
Aume Resources Ltd. (1983)	43 soil, 37 silt, 12 rock			Culbert (1983)/12359
Equinox Resources Ltd. / Daren Resources Ltd. (1986)	96 soil, 14 silt, 15 rock			Christofferson (1986)/15263
Northair Mines Ltd. / Eastfield Resources Ltd. (1989)	55 soil, 143 silt, 162 rock	Ground 23.3 km IP		Buskas, Garrett & Morton (1989)/19131
Candela Resources Ltd. / Eastfield Resources Ltd. (1991)			4 DDH (549.2 m)	Morton (1991)/21648
Discovery Consultants (1995)	2 heavy mineral stream sed., 15 rock			Carpenter (1996)/24422
Discovery Consultants (1999)	3 heavy mineral stream sed.			Carpenter (1999)/26147
Serengeti Resources Inc. (2005)	11 rock	Airborne: 530 km Magnetic/Radiometric		Osatenko & Klein(2005)/28180
Serengeti Resources Inc. (2006)		Ground: 26.9 km IP/Magnetic	10 DDH (1,874.3 m)	Moore & Walcott (2007)/29261
Serengeti Resources Inc. (2007-2008)		Airborne: 320 km Magnetic/EM Ground: 70 km dipole IP	113 DDH (53,646.3 M)	Fugro Airborne (2007)/29745

Serengeti Resources Inc. (2009)			17 (6,249.1 m)	
Serengeti Resources Inc. (2010)			28 (7,619.4 m)	
Subtotal for: Serengeti Resources Inc. (2006 - 2010)		Ground: 96.9 km IP, 26.9 km Magnetic, Airborne: 850 km Magnetic/Radiometric, 320 km EM	168 DDH (69,389.3 m)	
Total for all Exploration	229 soil, 194 silt, 231 rock, 5 heavy mineral stream sed.	Ground: 182.2 km IP, 94.5 km Magnetic, 64.4 km Resistivity, Airborne: 850 km Magnetic/Radiometric, 320 km EM	DDH: 72,773.7 m, percussion DH: 3,542 m, X-ray DH: 27.4 m	

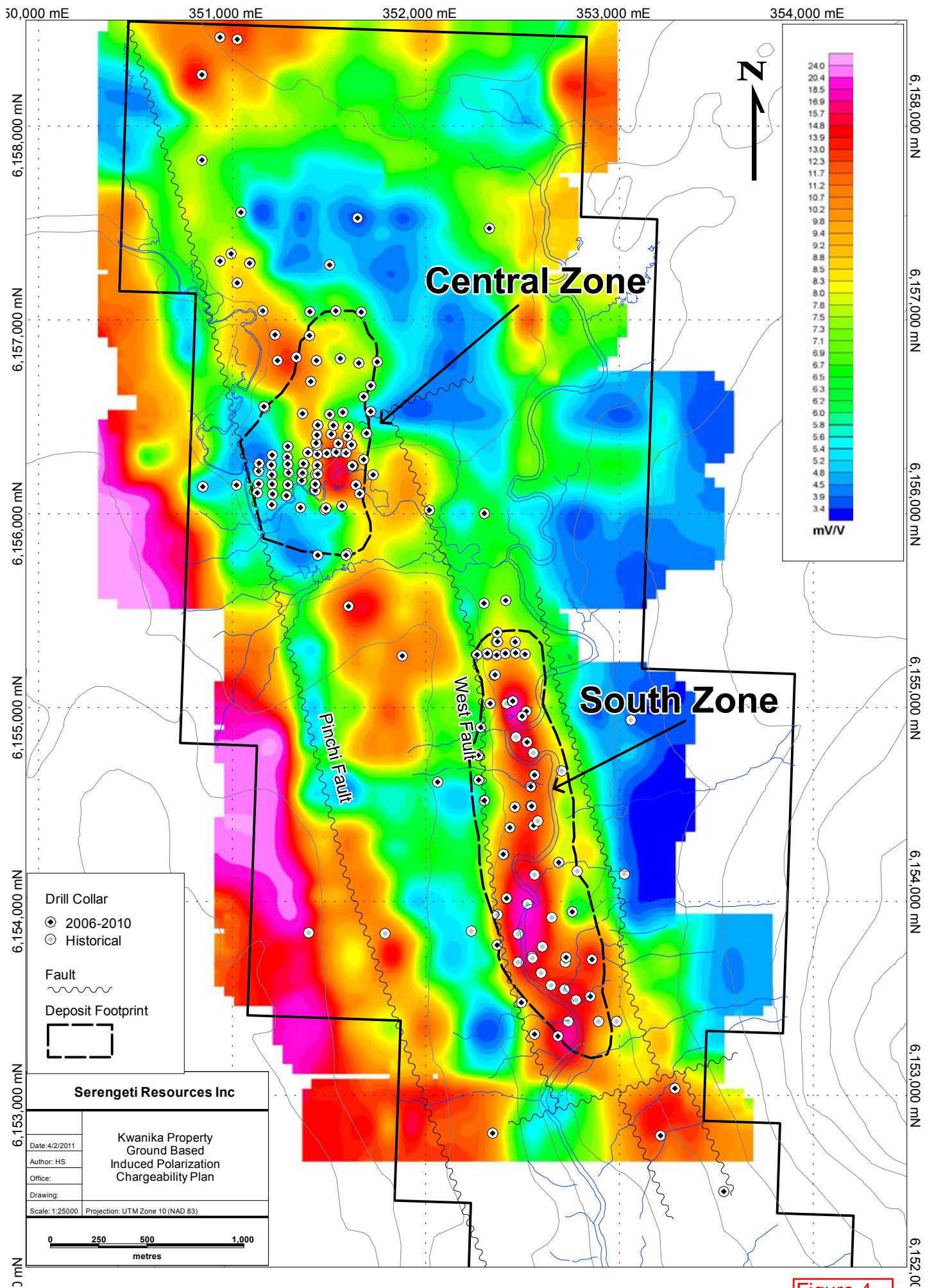


Figure 4

(5) Geology

REGIONAL GEOLOGY

The Kwanika property lies in the northern part of the Upper Triassic to Lower Jurassic Quesnellia Terrane (Quesnel Trough) which comprises a belt of Lower Mesozoic volcanic rocks and intrusions lying between highly deformed Proterozoic and Paleozoic strata to the east and deformed Upper Paleozoic strata to the west (Garnett, 1978). The Quesnel Trough is the host of numerous alkalic and calc-alkalic porphyry copper-gold deposits within British Columbia (Figure 5). In the area around the Kwanika property, Quesnellia is bounded by the Pinchi fault on the west and by the Manson fault on the east. The Pinchi fault separates Permian rocks of the Cache Creek Terrane to the west from the Upper Triassic Takla Group to the east (Garnett, 1978).

The porphyry deposits in the general vicinity of the property (Mt. Milligan and Lorraine) are associated with potassically altered diorite, monzodiorite, monzonite, and syenite plugs and stocks, as well as coeval andesitic volcanic rocks. The significant deposits in the region are associated with strong aeromagnetic features that trend both east-west and northwest, and with strong copper-gold stream sediment anomalies.

Garnett (1978) separated the Hogem Batholith into three major intrusive phases based on both age and lithology (Table 4).

TABLE 4 DIVISION OF HOGEM BATHOLITH INTRUSIVE SUITE

Intrusive Phase	Phase Divisions	Rock Varieties
		Leucocratic Granite, Alaskite
PHASE III: Lower Cretaceous		
	Chuchi syenite	Leucocratic Syenite, Quartz Syenite
PHASE II: Mid to Lower Jurassic	Duckling Creek Syenite Complex	Leucocratic Syenite Foliated Syenite
PHASE I: Lower Jurassic to Upper Triassic	Hogem Granodiorite Hogem Basic Suite	Granodiorite, Quartz Monzonite, minor Tonalite, Quartz Diorite, Quartz Monzonite, Granite Monzonite to Quartz Monzonite Monzodiorite to Quartz Monzodiorite Nation Lakes Plagioclase Porphyry Monzonite Monzodiorite Diorite, minor Gabbro, Pyroxenite, Hornblendite

PROPERTY GEOLOGY

The Kwanika Project consists of two mineralized areas: the Central Zone and the South Zone. The geology and alteration for each zone are described independently.

CENTRAL ZONE GEOLOGY

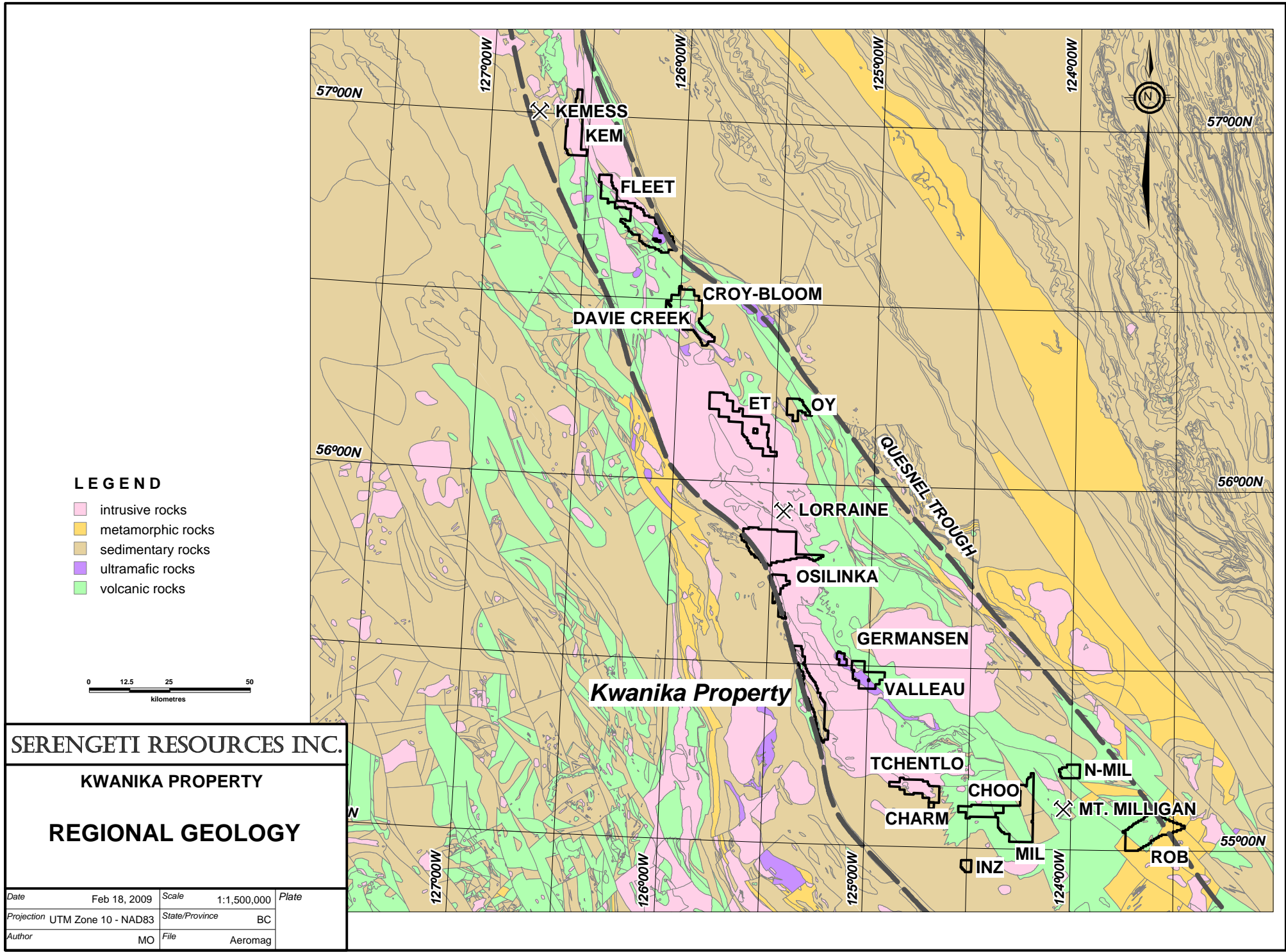
The Central Zone deposit is characterized by the presence of two major and several minor intrusive bodies of the multi-phase Hogem Batholith intruding into successions of andesitic rocks of the Takla Volcanic Group (Figure 6).

The most economically significant intrusive body is a north-northeast trending monzonite stock that dips shallowly to steeply to the west. The intrusion has a strike length of nearly 1.3 km and a thickness of 50 m to 350 m. The monzonite is a medium-grained, equigranular to feldspar porphyritic rock, consisting of plagioclase and K-feldspar, with lesser amounts of amphibole, biotite, quartz, and minor tourmaline in veins and narrow breccias. The high grade copper-gold mineralization (>0.6% copper equivalent (CuEq)) in the Central Zone is dominantly hosted within, and immediately adjacent to, the monzonite intrusive. Monzonite has also been intersected at depth in the western and southwestern parts of the Central Zone and is thought to connect to the sill-like body in the central part of the deposit, suggesting the possibility of deep Central Zone mineralization.

In hand specimen, the monzonite is cream to orangey in colour, and rarely pale grey. Locally, it is distinguishable by a “rice-grain porphyry” texture, marked by coarse-grained, somewhat oval-shaped plagioclase phenocrysts. Thin sections of the equigranular phase of the intrusion show textures ranging from non-distinct to trachytoid, with aligned subhedral plagioclase phenocrysts. The porphyritic phase comprises mainly plagioclase crystals occurring in a fine-grained matrix of quartz and K-feldspar (Le Couteur, 2008). Albite, hematite, sericite, K-feldspar, silica, and secondary biotite alteration overprint primary textures and compositions.

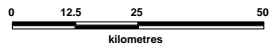
Where strongly mineralized, the unit commonly displays quartz stockwork and hydrothermal brecciation. The strongest mineralization occurs within zones of strong to intense, texture-destructive albite + hematite alteration, commonly occurring at the stratigraphic top of the hypogene mineralized zone.

The second prominent intrusive body in the Central Zone comprises monzodiorite and diorite and lies both to the east of and below the monzonite unit. While core logging and mapping have divided the body into two zones, the zones have strikingly similar magnetic susceptibility profiles and grade characteristics, suggesting that they may be variably altered parts of the same intrusive body. This body is the largest of the intrusive phases encountered on the property. Its strike length has been demonstrated to be at least two kilometres, and the body has been encountered in varying thicknesses in nearly all the drillholes in the Central Zone. Lateral extent and thickness of this body is not known as it remains open to the east and at depth as the majority of drillholes have terminated within the monzodiorite and diorite units.



LEGEND

- intrusive rocks
- metamorphic rocks
- sedimentary rocks
- ultramafic rocks
- volcanic rocks



SERENGETI RESOURCES INC.			
KWANIKA PROPERTY			
REGIONAL GEOLOGY			
Date	Feb 18, 2009	Scale	1:1,500,000
Projection	UTM Zone 10 - NAD83	State/Province	BC
Author	MO	File	Aeromag

Figure 5

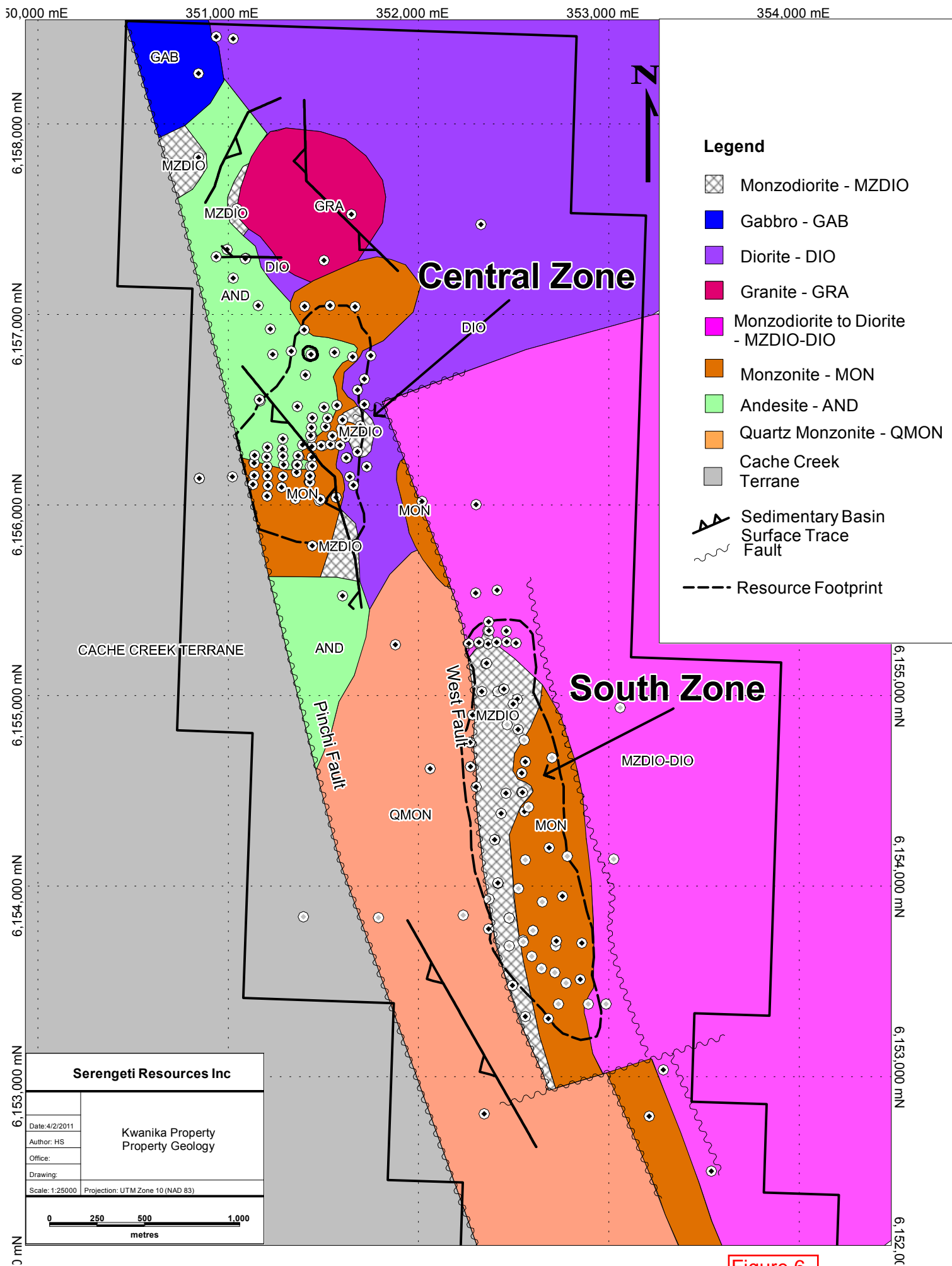


Figure 6

In hand specimen, the monzodiorite is a pale grey to greenish grey, medium-grained equigranular rock. The dark green to black diorite ranges from a microcrystalline diorite to a medium-grained equigranular rock. Both units are composed primarily of plagioclase and amphibole, with local coarse aggregates of magnetite and lesser amounts of biotite and quartz. Albite, hematite, sericite, K-feldspar, silica, chlorite, epidote and secondary biotite alteration overprint primary textures and compositions. Significant mineralization is commonly associated with weak to strong albite or potassic + silica alteration. This alteration generally grades outward from the contact with the monzonite stock into weakly to unmineralized biotite-chlorite ± sericite ± epidote alteration

The monzodiorite and diorite are also important hosts to mineralization in the Central Zone. Significant mineralization is commonly associated with weak to strong albite or potassic + silica alteration. This alteration generally grades outward from the contact with the monzonite stock into barren to weakly mineralized biotite-chlorite ± sericite ± epidote alteration.

Hypogene mineralization in the Central Zone is characterized by a core of strong to intense, texture-destructive albite alteration with variable intensities of potassic, sericite, and hematite alteration. Several generations of quartz veining form a stockwork of quartz + sulphide veins, commonly comprising 15% to 30% of the rock. The albitic and quartz stockwork core is surrounded by a broad envelope of weak to strong, pervasive to vein/fracture controlled potassic alteration, evidenced by potassium feldspar and secondary biotite alteration. Quartz veins decrease in abundance in the potassic zone, commonly comprising 3% to 5% of the rock. The sulphide minerals chalcopyrite and bornite occur as disseminations and within quartz veins throughout the hypogene zone. Bornite commonly occurs as rims around chalcopyrite grains and is most abundant in the albitic, quartz-stockwork core of the deposit.

A supergene enrichment blanket has been superimposed on the upper surface of the hypogene mineralization in the Central Zone. Thickness of the supergene profile is highly variable due to the influence of local structures. It ranges from five metres to 70 m in thickness and extends laterally for up to 500 m. Two distinct assemblages of supergene mineralization are observed in the Central Zone:

- supergene oxide (native copper)
- supergene sulphide (chalcocite, covellite)

The supergene oxide assemblage most commonly overlies the supergene sulphide assemblage.

The Takla Group andesites which host the intrusive bodies are very fine- to fine-grained tuffs and flows locally forming andesite breccias to the north of the Central Zone. Andesite is host to mineralization throughout the property but typically of lower grade relative to the mineralized intrusions. Of note is a strongly copper mineralized section 800 m north of the Central Zone. Hole K-08-122 intersected 0.42% Cu and 0.06 g/t Au over 76.2 m.

Andesite is locally dominant to the north and west of the Central Zone intrusive centre but becomes less abundant in the main portion of the Central Zone where it has been intruded by the monzonite, monzodiorite, and post-mineral dykes.

Several post-mineral to late-mineral dykes cut intrusive and volcanic lithologies within and surrounding the Central Zone deposit. Included are strongly sericite altered feldspar porphyritic dykes and aphanitic to fine-grained, siliceous dacite dykes. These dykes are in sharp to locally faulted contact with all other units and are interpreted to be subvertical to steeply west dipping. The majority of the post-mineral dykes are in the order of one metre to five meters in thickness. Tertiary andesite dykes are rarely encountered and crosscut other intrusive lithologies within the Central Zone. The steeply to subvertically dipping Tertiary andesite dykes are fresh and contacts are sharp. The post-mineral dykes are estimated to comprise approximately 4% of the material within the deposit and thus are not considered to be a source of significant dilution to the mineralization in the Central Zone.

The intrusive and volcanic units have been locally rotated and overlain to the west by a clastic sediment-filled, half-graben shaped basin, which in part covers the Central Zone. The basin dips steeply to the west, gradually flattening to a maximum observed thickness of 435 m. The sedimentary basin lithologies consist of well-bedded, locally weakly pyritic siltstones, fine- to coarse-grained, massive to thickly bedded sandstones, and polymictic conglomerates containing clasts of sandstone, siltstone and unidentified volcanic and intrusive rocks. Copper-gold mineralization in the Central Zone occurs to the east of the sedimentary basin and below the basin from drill section 225 S to section 350 N (Figure 7).

All lithologies are constrained to the west by the north-northwest striking, terrane-bounding Pinchi fault (Figures 5 and 6).

CENTRAL ZONE ALTERATION

In the Central Zone, alteration is divided into three types, each with a diagnostic mineral assemblage:

- potassic
- albitic
- propylitic

The relationship between the alteration facies is complex, often overprinting each other. The complexity of the alteration combined with the intensity of alteration in the core of the deposit often makes identification of primary lithologies difficult.

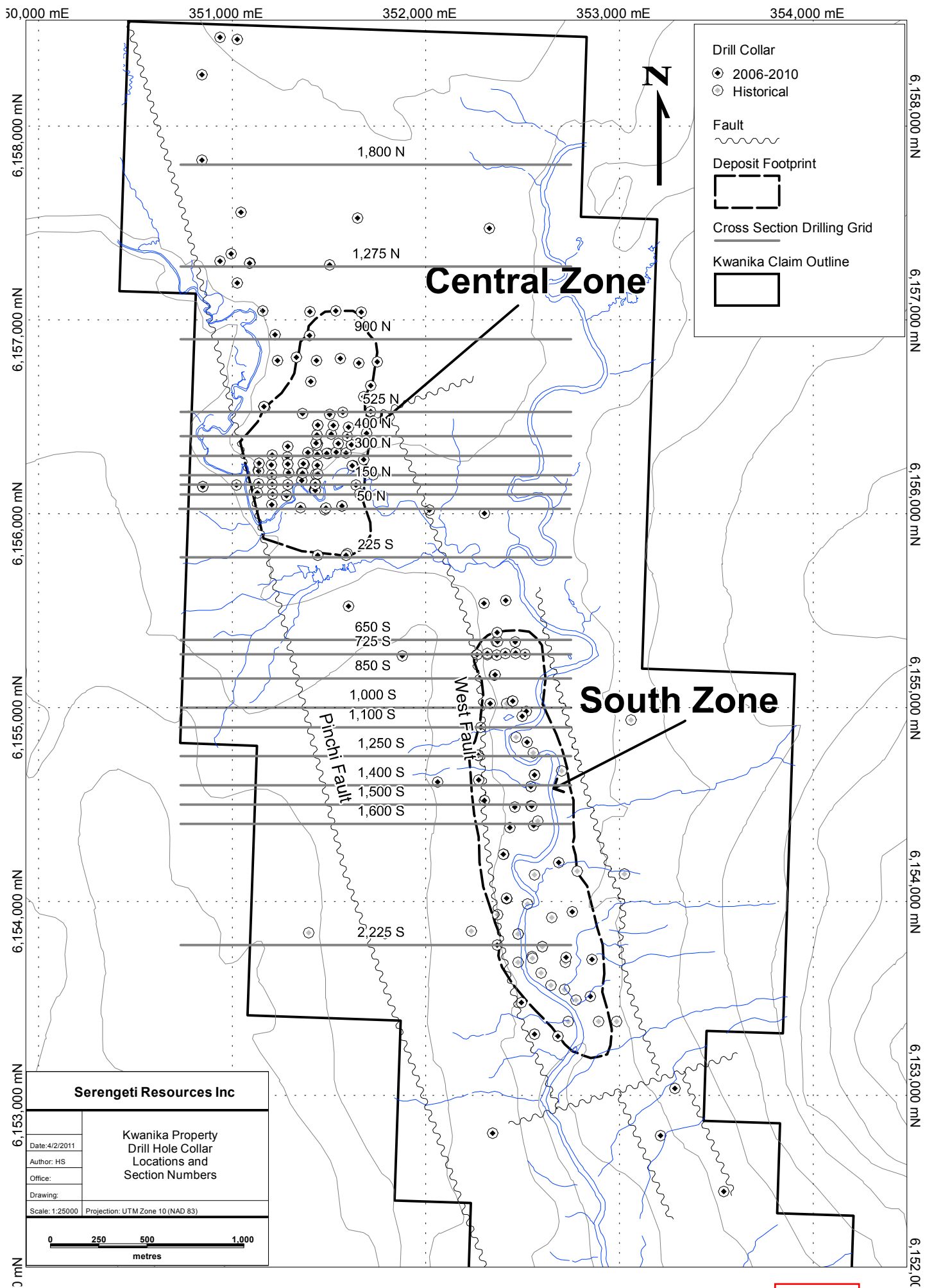


Figure 7

TABLE 5 CENTRAL ZONE ALTERATION ASSEMBLAGES

Alteration Type	Mineral Assemblage
Potassic	K-feldspar + secondary biotite \pm gypsum/anhydrite veining
Albitic	Albite, albite + hematite \pm silica
Propylitic	Chlorite + epidote + pyrite \pm sericite \pm carbonate

Potassic alteration is the most widespread facies encountered within the Central Zone area. Concentric zoning of the potassic alteration is evident as intensity grades from strongly pervasive and texture destructive styles in the mineralized core of the deposit to a widespread envelope of weak, fracture- and vein-related alteration surrounding the core. Strongly potassically altered zones often coincide with local, pervasive silica flooding. These potassic + silica altered zones are commonly mineralized. K-feldspar is the dominant mineral in the intensely potassic-altered core, whereas secondary biotite is generally more common at depth and peripherally. Potassic alteration is observed in all the major units; however, it is most common in the monzonite, monzodiorite, and diorite units.

Albite alteration is significant in the Central Zone as there is a strong correlation with increasing intensity of albite alteration and high grade mineralization. The albite alteration facies is identified solely by the presence of albite; however, the assemblage of albite + hematite \pm silica veinlets is often observed where albite is present. The albite alteration progression is characterized by the following sequence: a strong to intensely altered and texture destructive albitic zone in relatively sharp contact with the underlying, strongly to intensely potassic altered interval, all of which is surrounded by a broad zone with irregular, patchy occurrences of vein- and fracture-related albite alteration. While albitic alteration occurs in all lithologies in the Central Zone, its intensity is generally strongest in the monzonite, where it occurs at the top of the hypogene zone. The strongly albitic core in the hypogene zone is also concurrent with a weak to strong stockwork of quartz \pm albite veins. This albite-altered, quartz-stockwork zone is among the most important indications of high-grade copper-gold mineralization in the Central Zone.

Propylitic alteration is widespread in the Central Zone. As is typical in many copper-gold porphyry deposits, the propylitic assemblage occurs at the fringes of the deposit and is generally associated with lower grade copper-gold mineralization. Propylitic alteration is most intense at the outer boundary of the potassically altered core. The intensity of alteration decreases away from this potassic-propylitic boundary. Overprinting by other alteration assemblages is common, often in complex relationships. Propylitic alteration is most prevalent in the andesite and diorite units; however, it affects all the major lithologies in the Central Zone. There is also evidence of regional scale, low grade propylitic alteration on the Kwanika property, as several of the drillholes testing locales outside the deposit area have encountered primarily propylitic altered lithologies.

SOUTH ZONE GEOLOGY

The South Zone deposits occur within a fault bounded sequence of strongly altered intrusive rocks of alkalic to intermediate composition (Figure 6). These intrusive lithologies have been previously described by Garnett (1972), Garnett (1978), and by Eastfield as belonging to the various intrusive phases of the Upper Mesozoic Hogem Batholith.

In hand specimen, the host intrusive lithologies are characterized by their reddish-orange colour, porphyritic texture, and relative silica undersaturation. They are described as quartz-bearing feldspar porphyritic monzonites and monzodiorites. Specific igneous compositions are difficult to determine due to pervasive alteration. Thin section examination has shown that the rocks are composed of feldspar phenocrysts occurring in a fine-grained matrix of quartz and feldspar, where feldspar includes plagioclase, K-feldspar, and less commonly albite (Le Couteur, 2009, McLeod, 2009). Secondary minerals include chlorite altered amphiboles and biotite, minor magnetite, as well as trace concentrations of apatite, titanate, rutile, ilmenite, and zircon. The majority of the samples studied had been subjected to brittle deformation. Some fragments to several millimetres in size are cemented by finer fragments of similar rock. There is evidence of more than one stage of fracturing as multi-lithic breccia fragments are present (McLeod, 2009).

Modal abundances of quartz, alkali feldspars, and plagioclase demonstrate that the primary South Zone lithologies are quartz monzonites to quartz monzodiorites. Le Couteur (2009) notes that even the „freshest“ samples are strongly altered, thus, composition (i.e., name) of the parent magma is difficult to identify.

The South Zone deposit area is transected by post-mineral to late-mineral dykes. The majority of the dykes are andesitic in composition with less common strongly sericite + K-feldspar altered, post-mineral monzonite (?) dykes. All dykes are in sharp to locally faulted contact with the main intrusive units. Typical thicknesses encountered are in the order of one metre to five meters. There is a noted increase in abundance of dykes to the east, but further drilling is required to fully understand the dimension and location of these bodies.

The host lithologies of the South Zone deposits occur within a north-south trending structural corridor. This structural corridor is bounded by the West Fault to the west and by a similar fault zone termed the East Fault Zone along the eastern boundary of the corridor. Coincident chargeability and resistivity anomalies form a geophysical domain that represents the fault-bounded South Zone corridor (Figure 8). This variably mineralized domain is 2,900 m long and up to 500 m wide.

The West Fault has been encountered in seven drill holes over 350 m and its geophysical signature can be traced over the majority of the 2,900 m long geophysical domain. Near surface, the West Fault is a three to five metre wide foliated cataclasite. At depth, the fault is represented by a crush zone that has an inferred true width up to 75 m. The West Fault is an important structure for three principal reasons:

- Throughout the northern-most 750 m of the South Zone deposit, there is commonly a marked increase in grade of copper and molybdenite in a corridor within approximately 100 m to 150 m of the West Fault.

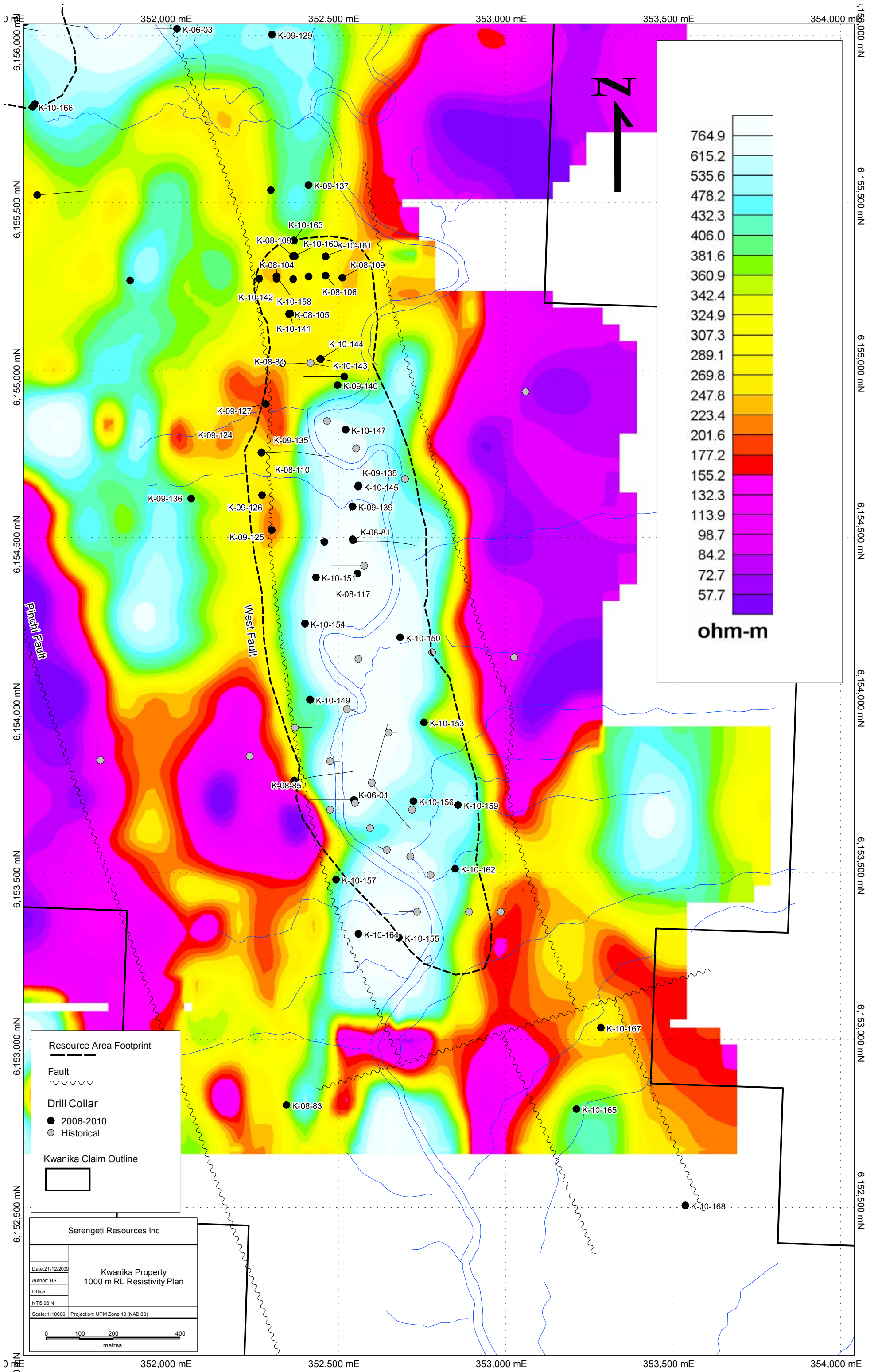


Figure 8

- Immediately east of the West Fault, the mineralized system is observed up to 600 m below surface and is open to depth.
- The West Fault is believed to have played a vital role in the formation of significant portions of the South Zone deposit as it may have been the primary pathway for fluid flow, which would help to explain the first two observations.

There is strong geophysical and geological evidence for the existence of an „East Fault Zone“ that parallels the West Fault. Drilling completed in 2010 encountered broad zones of shearing and sericite alteration bounding the mineralization to the east, which are thought to represent a regionally extensive East Fault Zone.

A major body of leucocratic quartz-phyric monzonite unit occurs to the west of the West Fault. This quartz-phyric monzonite does not contain any significant base or precious metal mineralization.

SOUTH ZONE ALTERATION

There are several alteration facies affecting the lithologies in the South Zone. K-feldspar alteration is the most widespread facies and affects virtually all rocks observed in drill core and outcrop. K-feldspar alteration varies from halos around veins and fractures to more commonly occurring pervasive flooding. Sericite alteration also occurs throughout much of the South Zone. Sericite is observed in thin section as fine to coarse patches, altering or replacing feldspars (Le Couteur, 2009). As noted in the above section, K-feldspar and sericite alteration commonly destroys igneous textures and original compositions. This pervasive alteration leads to difficulties in the identification of the parent magma of intrusive lithologies. The most intensely altered sections observed in thin section are associated with zones of brittle deformation.

An iron-rich alteration assemblage consisting of chlorite + pyrite + silica ± secondary biotite also occurs frequently within the South Zone and is observed overprinting earlier K-feldspar and sericite alteration. The iron-rich alteration assemblage is associated with zones of brittle deformation that are up to several metres in thickness. This type of alteration is typically texture destructive, forming alteration pseudo-breccias to completely replacing original igneous textures and compositions. Chalcopyrite and molybdenite, as well as elevated precious metal concentrations, occur within these zones.

South Zone lithologies have also been affected by several less important alteration facies, including epidote and hematite alteration associated with strong fracturing, chlorite alteration and replacement of amphibole and biotite, carbonate veining and flooding, and late-stage silica flooding and quartz veining. The intensities of these secondary alterations are highly variable and their occurrence is localized.

(6) Results

The Phase V drill program on the Kwanika property was completed from June 6th to August 5th 2010. During this period, a total of 28 diamond drillholes were completed on the property with an aggregate length of 7,619 m (Figure 3).

A total of 3,302 samples of drill core were collected and analyzed during the 2010 program. Assaying of samples was carried out by Acme Analytical Laboratories. Samples were transported via truck by a local third party expediting and freight company. To ensure that samples were not tampered with during transport to the laboratory, the number of each security tag and its associated rice sack number were recorded by the geologist at the Kwanika site. A list of each bag and its unique security tag number was forwarded to ACME, which then confirmed that each security tag matched its correct rice sack.

Upon receipt at the assay facility, all core samples were dried and then passed through a two-stage crushing process, which reduced the material to 90% minus 2 mm in size. The crushed material was split in a Jones Riffle to a subsample measuring 250 g to 300 g. The subsamples were pulverized in a ring-and-puck mill to 95% passing a 150 mesh screen.

All samples were subject to aqua regia digestion and then assayed for 28 elements using Inductively Coupled Plasma (ICP) spectrometry. Samples with greater than 2,000 ppm Cu or 100 ppb Au were rerun for Au, Cu, Pb, Zn and Fe by Atomic Absorption (AA). Dissolution of the samples for the base metal determinations was done using aqua regia, while for the gold it was aqua regia followed by 2, 6-Dimethyl-4-heptanone.

Samples assaying greater than 0.2 g/t Au in the ICP or AA analyses were re-assayed using fire assay and AA finish. These assays were carried out on a 30 g (one assay-ton) aliquot.

The phase V drill holes are sequentially numbered K-11-141 to K-11-168. This phase of exploration consisted of step-out drilling intended to expand the existing South Zone resource reported by Dave Rennie in March 2010 (see Rennie, D.W., 2010). A small number of in-fill drill holes were also completed in order to gain further understanding of the mineralization in the copper-gold-silver-molybdenum South Zone. Significant drill intersections from the 2010 drill program are shown below in Table 6.

TABLE 6 SOUTH ZONE SIGNIFICANT DRILL RESULTS GREATER THAN 5M TRUE WIDTH

Hole	From (m)	To (m)	Interval(m)	Cu %	Au g/t	Ag g/t	Mo %	CuEq %	Orientation (dip/azimuth)
K-10-141	47.7	115.6	67.9	0.36	0.07	3.1	0.001	0.44	
	incl 95.6	115.6	20	0.54	0.04	4	0.003	0.62	-57° / 255°
K-10-143	115.6	129.8	14.2	0.01	0.01	0.4	0.025	0.23	
	21.3	64	42.7	0.23	0.14	1.8	0.002	0.35	
K-10-144	incl 21.3	50.9	29.6	0.3	0.16	2.4	0.002	0.44	-60° / 270°
	56	82	26	0.08	0.19	0.7	0.001	0.21	
K-10-145	98	106	8	0.1	0.05	1.1	0.013	0.23	-50° /090°
	153	224	71	0.17	0.08	1.1	0.002	0.24	
K-10-146	Incl 153.0	165	12	0.29	0.14	1.7	0.001	0.4	-68° /098°
	72	346	274	0.18	0.06	1.6	0.004	0.26	
K-10-147	Incl. 116.0	172	56	0.22	0.11	2.8	0.002	0.33	
	And 204.0	286	82	0.22	0.06	1.6	0.007	0.32	
K-10-148	400	428	28	0.27	0.01	2.1	0.005	0.34	-51° /095°
	24.4	43	18.6	0.13	0.06	1.1	0.014	0.27	
K-10-149	71	81	10	0.1	0.02	0.8	0.014	0.22	-90° /000°
	105	364	259	0.15	0.11	1.6	0.005	0.26	
K-10-150	Incl. 128.0	148.2	20.2	0.22	0.21	4.4	0.003	0.4	
	Incl. 144.0	148.2	4.2	0.37	0.75	14.3	0.002	0.97	
K-10-151	And 252.0	302	50	0.2	0.1	1.4	0.011	0.35	-90° /000°
	141	186	45	0.08	0.03	0.9	0.003	0.13	-55° /270°
K-10-152	26	135	109	0.12	0.07	1.1	0.002	0.18	
	Incl. 53.6	63.5	9.9	0.26	0.15	3.6	0.005	0.41	
K-10-153	250	355.4	105.4	0.12	0.15	1.3	0.002	0.23	
	Incl. 268.0	291	23	0.18	0.39	1.9	0.001	0.44	-50° /270°
K-10-154	90	92	2	0.05	12.7	3.8	0.001	7.5	
	160	170	10	0.05	0.14	2.8	0	0.16	
K-10-155	272	346	74	0.16	0.18	2.2	0.003	0.3	
	Incl. 292.2	304	11.8	0.16	0.46	5	0.001	0.48	
K-10-156	And 324.2	346	21.8	0.33	0.25	3	0.004	0.54	-65° /260°
	222	226	4	0.09	1.97	4.3	0.001	1.29	
K-10-157	252	267	15	0.07	0.26	1.6	0.001	0.24	-77° /100°
	68	71	3	0.24	0.17	2.3	0	0.36	
K-10-158	117	172	55	0.11	0.01	1	0.004	0.15	
	204	218.5	14.5	0.15	0.05	1.3	0.009	0.25	Vertical

	208	212	4	0.1	0.26	1.9	0	0.27	
K-10-154	249.8	264	14.2	0.07	0.33	1.5	0.002	0.29	
	279	305	26	0.09	0.18	2.3	0.002	0.23	-65° / 270°
K-10-155	9	13	4	0.18	0.03	0.4	0.045	0.5	
	93	125.7	32.7	0.23	0.06	2	0.007	0.33	-47° / 090°
K-10-156	27	41.2	14.2	0.14	0.11	1.5	0.002	0.23	
	51	154	103	0.16	0.06	1.5	0.004	0.24	-70° / 270°
K-10-157	113.8	277	163.2	0.15	0.04	1.1	0.012	0.27	-47° / 77°
K-10-158	45.7	65	19.3	0.24	0.02	1.7	0.009	0.33	-70° / 270°
K-10-159	124	138	14	0.09	0.04	1	0.006	0.17	Vertical
K-10-160	47	97.9	50.9	0.36	0.1	2.2	0.031	0.65	
	Incl. 55.8	76.7	20.9	0.41	0.1	2.4	0.042	0.78	-62.5° / 270°
K-10-161	65.5	118	52.5	0.15	0.02	1	0.016	0.28	Vertical
	171	222.9	51.9	0.28	0.06	2.3	0.003	0.36	
K-10-162	Incl. 195.0	215	20	0.39	0.09	3.2	0.003	0.5	
	222.9	287	64.1	0.09	0.01	0.8	0.003	0.12	-70° / 270°
K-10-164	255	327.6	72.6	0.16	0.05	1.2	0.003	0.22	-45° / 100°
	60	72.9	12.8	0.11	0.03	0.9	0.002	0.15	
K-10-165	85	89	4	0.15	0.04	1.8	0.006	0.23	
	136	142	6	0.2	0.02	0.5	0	0.22	-50° / 170°
K-10-167	203	213	10	0.09	0.03	0.6	0.002	0.13	
	241	247	6	0.15	0.02	1.1	0.003	0.19	-50° / 270°

Appendix C contains a set of drill sections illustrating drill traces, lithology, alteration, grade distribution, and annotated significant drill intercepts for all the drill holes completed in 2011.

Appendix D contains a complete database of drill results. Appendix D includes the following; i) A Table showing 2010 drill hole IDs, hole locations, azimuths, dips, and total depths, and ii) copper, molybdenum, gold, and silver assay results for the 2010 drilling, which are referenced by hole ID, sample number, and down hole depth.

Appendix E contains complete analytical certificates from Acme for all 2010 drill core assay results.

(7) Discussion

The Phase V drilling was successful in both expanding the mineralized envelope to the north of the historical resource area of the South Zone deposit and adding important geological information to the exploration model. An updated NI43-101 compliant mineral resource estimate was completed for the South Zone in December of 2010 by Dave Rennie of Roscoe Postle and Associates (RPA). The inferred South Zone resource estimate included historical drill data as well as Serengeti drill data obtained from 2006-2010. The estimate is shown below in Table 7.

TABLE 7 SOUTH ZONE MINERAL RESOURCES – DECEMBER 31, 2010
(RENNIE, D.W, 2011)

Category	Cut-Off (\$/t)	Tonnage (Mt)	South Zone		Cu		Mo		Ag	
			(g/t)	(M oz)	(%)	(M lb)	(%)	(M lb)	(g/t)	(M oz)
Inferred	\$7.50	240	0.09	0.664	0.20	1.08	0.007	37.6	1.49	11.50

(8) Summary and Recommendations

In the Author's opinion, the diamond drilling should be continued to expand the present Mineral Resources on the property. In addition, further drilling should be carried out in the South Zone in order to refine the geological model and upgrade the confidence level of the inferred resource.

A comparative study of soil geochemical methods completed in 2010 (Heberlein, 2011) outlined a multi-element Ah soil anomaly has been discovered to the east of Central Zone. The newly identified "Northeast Target" anomaly is defined by a copper-gold-silver-molybdenum response similar in magnitude and character to responses found over the Central Zone. The Northeast Target is located in an area covered by glacial sediments, and has not been drilled to date. In the opinion of Serengeti geologists, diamond drilling is warranted to test the anomaly

An important characteristic of the Central Zone is the ancient supergene enrichment cap that formed over the higher-grade core of the deposit, and was subsequently buried beneath younger sedimentary rocks. Orientation studies applying the Ah soil sampling technique over the Central Zone have shown that it can see through the late sedimentary cover to a depth of up to 300 m. Other sedimentary basins are known to exist on the property to the south of the known Mineral Resources, and Serengeti geologists consider these areas to be prospective for

enrichment blankets similar to that over the Central Zone. Serengeti proposes to conduct geochemical sampling over these basins to test for Ah soil anomalies which could lead to additional porphyry mineralization. In the author's opinion, this is a reasonable and appropriate exploration strategy, and recommends that the work be carried out.

A budget for the proposed exploration work is provided in Table 8, and the location of the exploration target areas are shown in Figure 9.

TABLE 8 PROPOSED EXPLORATION BUDGET

		C\$
NE Target Diamond Drilling	1000 m @\$250/m	250,000
		250,000
Ah Soil Sample Grid Sedimentary Basins to South		
5000 samples @ \$50/sample all in		50,000
Soil Survey Follow up Geophysical Survey		
	1000 m @\$250/m	250,000
Soil Survey Follow up Diamond Drilling		
Sub-total		800,000
+ 10% Contingency		80,000
Total		880,000
Say		900,000

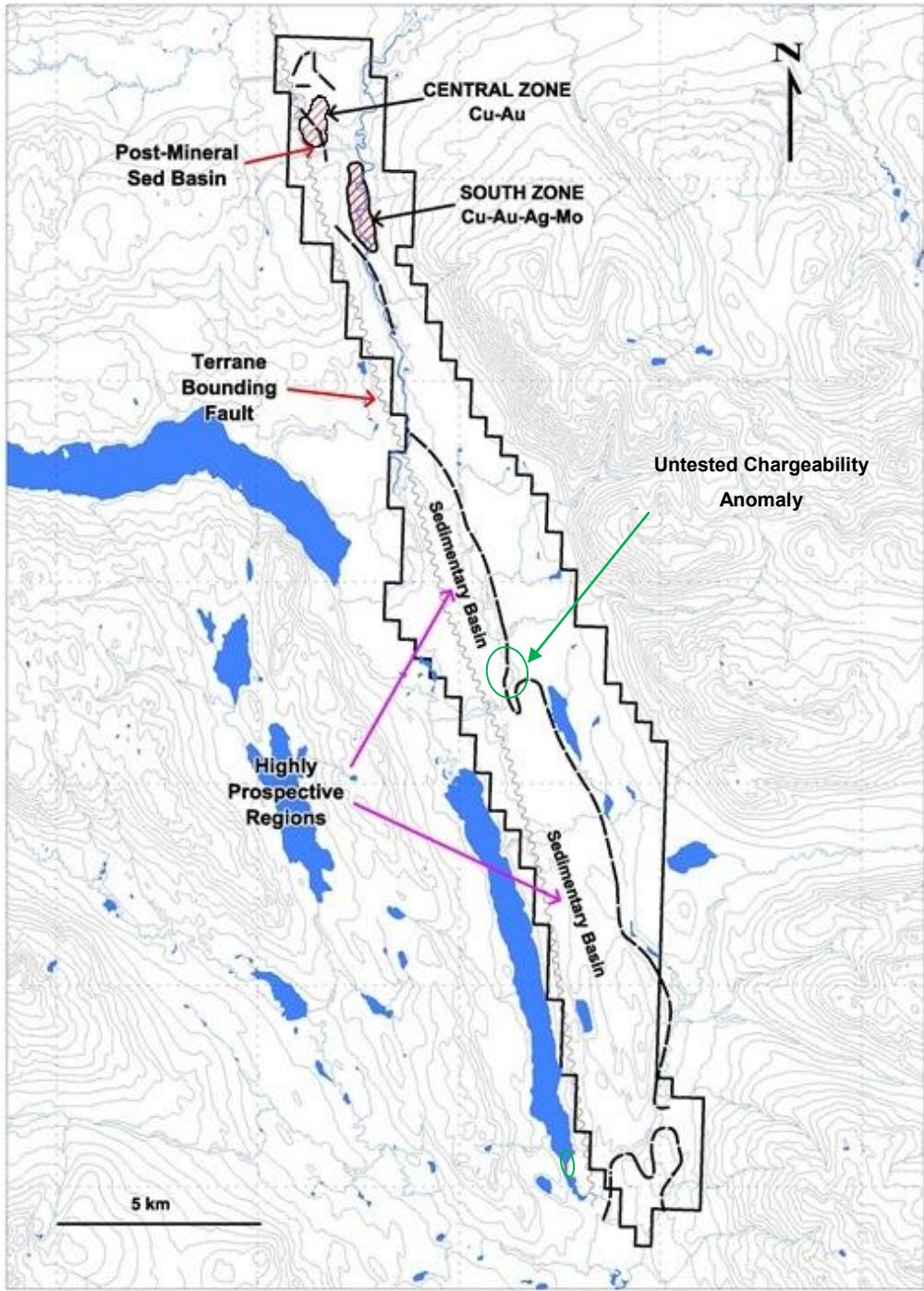


Figure 9: Kwanika Project - Property-wide exploration targets

(9) References

- Bulmer, W. (1981): Geological and Geochemical Report K4 & T4 Claims; British Columbia Ministry of Energy and Mines Assessment Report #10492.
- Buskas, A., Garratt, G., and Morton, J. (1989): Geological, Geochemical and Geophysical Report on the Kwah and Swan Mineral Claims; British Columbia Ministry of Energy and Mines Assessment Report #19131.
- Carpenter, T. (1996): Geochemical Report on the Swan Property, Swan and Swan 1 to 3 Mineral Claims; British Columbia Ministry of Energy and Mines Assessment Report #24422.
- Carpenter, T. (1999): Geochemical Report on the Swan Property; British Columbia Ministry of Energy and Mines Assessment Report #26147.
- Christoffersen, J. (1986): Report on a Follow-Up Geochemical Survey of the Weka Property; British Columbia Ministry of Energy and Mines Assessment Report #15263.
- Culbert, R. (1983): Report on a Geochemical Survey of the Weka Property, Takla Lake Area; British Columbia Ministry of Energy and Mines Assessment Report #12359.
- Fugro Airborne Surveys (2007): DIGHEM V Survey for Serengeti Resources Inc. Quesnel Trough Areas, B.C.; British Columbia Ministry of Energy and Mines Assessment Report #29745.
- Garnett, J. A., (1978): Geology and Mineral Occurrences of the Southern Hogen Batholith. Province of British Columbia, Ministry of Energy, Mines and Petroleum Resources, Bulletin 70, 75 pp.
- Garnett, J. A. (1972): Boom and Frankie (Kwanika), British Columbia Department of Mines, Energy and Petroleum Resources, Geology, Exploration and Mining, pp. 440-447.
- Guelpa, J. (1974): Percussion Drilling Report on the Kwanika Creek property, Kwanika Creek, Takla Landing area; British Columbia Ministry of Energy and Mines Assessment Report #5266.
- Hallof, P., and Goudie, M. (1973): Geophysical Report on the Kwanika Creek Claim Group, Kwanika Creek/Germansen Landing Area; British Columbia Ministry of Energy and Mines Assessment Report #4826.
- Heberlein, D., and Dunn, C. (2011): The Application of Surface Organic Materials as Sample Media over Deeply Buried Mineralization at the Kwanika Central Zone, North-Central British Columbia; Geoscience BC Report 2011-3.

- Le Couteur, P. (2008): Thirty Seven Core Samples from the Kwanika Cu-Au Property, British Columbia: Petrographic Report to Serengeti Resources Inc.
- Le Couteur, P. (2009): Eighteen Core Samples from the Kwanika Cu-Au Property, British Columbia: Petrographic Report to Serengeti Resources Inc.
- Macdonald, B. (1965): Report on Kwanika Creek Property; Prepared for Hogan Mines Ltd., Omineca Mining Division, B.C.
- McLeod, J.A. (2009): A Microscopic Study of Six Samples of Kwanika Drill Core: For Serengeti Resources Inc.
- Moore, D., and Walcott, P. (2007): 2006 Geophysical and Drilling Assessment Report on the Kwanika Cu-Au Property; British Columbia Ministry of Energy and Mines Assessment Report #29261.
- Morton, J. (1991): Diamond Drilling on the Swan Property; British Columbia Ministry of Energy and Mines Assessment Report #21648.
- Natural Resources Canada (2008): PTP-MAL Guide. Retrieved February 18, 2010 from <http://www.nrcan-rncan.gc.ca/mms-smm/tect-tech/pro-pro/ptp-gid-eng.htm#desc>
- Nelson, J., and 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.
- Osatenko, M. (2005): Geophysical and Geochemical Report on the Kwanika Property; British Columbia Ministry of Energy and Mines Assessment Report #28180.
- Orchard, M.J., Struik, L.C., and Taylor, H. (1998): New conodont data from the Cache Creek Group, central British Columbia; in Current Research 1998-A; Geological Survey of Canada, pp. 99-105.
- Pentland, W. (1966): Report on Hogan Mines Ltd. Kwanika Creek Property; Prepared for Hogan Mines Ltd., Omineca Mining Division, B.C.
- Pilcher, S. H., and McDougall, J. J. (1976): Characteristics of Some Canadian Cordilleran Porphyry Prospects, CIMM Special Volume 15, 1976, pp. 79-82.
- Ray, G., Webster, I., Megaw, P., McGlasson, J., Glover, K. (2001): The Lustdust Property in Central British Columbia: A Polymetallic Zoned Porphyry-Skarn-Manto-Vein System: Geological Field Work 2001, Paper 2002-1, pp.257-280.
- Rennie, D.W., and Scott, K. (2009): Technical Report on the Kwanika Project, Fort St. James, British Columbia: Scott Wilson, RPA.

- Rennie, D.W. (2010): Technical Report on the Kwanika Project, Fort St. James, British Columbia: Scott Wilson, RPA.
- Rennie, D.W. (2011): Technical Report on the Kwanika Project, Fort St. James, British Columbia: Scott Wilson, RPA.
- Sawyer, D. (1969): Report on Kwanika Creek Property; Prepared for Great Plains Development Company of Canada Ltd., Omineca Mining Division, B.C.
- Tardy, M., Lapierre, H., Struik, L., Bosch, D., Brunet, P. (2001): The influence of mantle plume in the genesis of the Cache Creek oceanic igneous rocks: implications for the geodynamic evolution of the inner accreted terrains of the Canadian Cordillera: Canadian Journal of Earth Science, v 38, pp. 515-534.

Appendix A – Expenditure Statement

2010 Program Cost Statement

Kwanika Property Expenditures - 2010 Drilling Program

Archeological Site Investigation	2,827.79
Camp Costs	184,026.44
Camp Materials & Supplies	19,947.06
Communications	5,850.12
Crew Mob/De-Mob (not incl drill crew)	9,629.52
Drilling (7619 m)	775,769.03
Environmental assessment	927.00
Equipment Rental	73,352.72
Field Supplies	13,548.98
Freight	5,741.92
Fuel	52,062.50
General Labour	131,475.90
Geological Labour	62,397.44
Helicopter	203,721.72
Road Maintenance	5,721.00
Sample Analysis	94,767.46
Survey	4,026.40
Vehicles	14,573.24
Total Property Expenditures	1,660,366.24

2010 Program Cost Statement

Kwanika Property Expenditures - 2010 Drilling Program				
Category	Details	Units	Rate	Total
Archeological Site Investigation	Archer CRM - Archeological Site Visit			\$ 2,827.79
Survey	All North Consultants - Differential GPS Drill Collar Survey			\$ 4,026.40
Camp Costs	Groceries, Expediting, Camp Manager Contractor - May 5-Dec 6, 2011			\$ 184,026.44
	Camp Materials & Supplies			\$ 19,947.06
Communications	Includes internet bills and installation, 9 handheld radio and sat phone rentals			\$ 5,850.12
Crew Mob/De-Mob (not incl drill crew)	Flights from Prince George to Vancouver and back. Meals and Accomadation.			\$ 9,629.52
Drilling	7619 m of diamond drilling; rate includes contract costs and consumables	7,619.00	\$ 101.82	\$ 775,769.03
Environmental assessment	ALS Labs - Pre-drilling water sampling			\$ 927.00
Equipment Rental	320 Excavator, D6 Cat, Low-Bed, and Core saw rental			\$ 73,352.72
Field Supplies	Core Logging and Core Cutting Supplies			\$ 13,548.98
Freight	Shipping Core Samples to Acme Labs Vancouver			\$ 5,741.92
Fuel	Diesel Fuel for Camp			\$ 52,062.50
General Labour	18 Employees, 457 man days @\$269 per day average incl EI, CPP	457.00	\$ 268.66	\$ 122,775.90
	Emergency Transport Vehicle Rental	58.00	\$ 150.00	\$ 8,700.00
Geological Labour	Senior Geologist - 6 days	6.00	\$ 778.48	\$ 4,670.90
	Senior Project Geologist - 60 days	60.00	\$ 470.98	\$ 28,258.90
	Project Geologist - 43 days	43.00	\$ 439.92	\$ 18,916.75
	Junior Geologist - 35 days	35.00	\$ 301.45	\$ 10,550.89
Helicopter	Bell Long Ranger - 133.30 hrs	133.30	\$ 1,350.00	\$ 179,955.00
	Heli Fuel			\$ 23,766.72
Road Maintenance	Grader on Tsayta Lake Road into camp			\$ 5,721.00
Sample Analysis	Core Samples - 3536 samples @ \$25.70/sample	3,536.00	\$ 25.70	\$ 90,864.21
	Water Samples			\$ 3,903.25
Vehicles	Lease 2 pick up trucks for 2.5 months			\$ 9,918.95
	Damages and spare parts			\$ 4,654.29
Total Property Expenditures				\$ 1,660,366.24

Appendix B – Geologist's Certificate

GEOLOGIST'S CERTIFICATE

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

1. THAT I am Serengeti Resources Inc.'s Senior Project Geologist.
2. THAT I am a 2005 graduate of Dalhousie University with an Honors BSc.
3. THAT I have practised in the field of Geosciences since my graduation from University.
4. THAT this report is based on a drilling program carried out between June 6, 2010 and August 5, 2010. The drill program was managed by the Author and drilling was carried out by Cyr Drilling International, based out of Manitoba.
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 30th day of June, 2011.

Hugh R. Samson, B.Sc.



David W. Moore, P. Geo



Appendix C – Drill Logs and Sections

HOLE ID	FROM	TO	LENGTH	DESCRIPTION
K-10-141	0.00	38.70	38.70	Casing/Overburden
K-10-141	38.70	43.70	5.00	Monzonite to monzodiorite. Strongly fractures, rubbly core with foliated cataclastites and tectonic breccias. Locally strong k-spar and silica altn.
K-10-141	43.70	61.80	18.10	South Zone monzonite to monzodiorite (typical south zone unit, likely a monzodiorite as pointed out by Dave Mehner. Will call this monzonite though). Strong intrusive breccia. Pervasive stong, texture destructive sil+chl+py altn. K-spar along vein selvages and fractures. 1-2% calcite veinlets. 3-5% py overall, locally to 10-15% over 1 m. Only trace cpy.
K-10-141	61.80	67.40	5.60	Monzonite. As above but far less sil+py+chl altn. Common epidote along veins and fractures. Trace cpy in bx'd intvls. Pervasive, strong k-spar flooding.
K-10-141	67.40	95.60	28.20	Monzonite. Same unit as above, but there are common intervals of strong to intense sil+py+chl>cpy altn. As is typical, occurs within strong bx'd intervals, comprises ~30% of interval overall. K-spar along veins and fractures within sil altd intvls, pervasive elsewhere. Trace to locally 1% cpy. Rare Mo along vein selvages.
K-10-141	95.60	117.80	22.20	Monzonite. Well mineralized interval. Same unit as above, but strong increase in brecciation and associated sil+chl+py altn. Trace to locally 2-3% cpy.
K-10-141	117.80	174.60	56.80	Start of West fault. Quartz veined and qtz bearing monzonite, more felsic and alkalic than typical south zone monzo. Strong, texture destructive, pervasive k-spar>>hem altn. Marked increase in qtz veining with 5-10% qtz veins overall and ~10% qtz phenos in matrix. Contact is marked by 40 cm wide foliated and healed cataclastite, at 50-60 deg to CA. Therefore this contact plunges to the east at 60-70 deg. Trace cpy within narrow (<10 cm wide) silica flooded fracture zones, and rarely within qtz veins. Trace Mo along fractures and qtz vein selvages.
K-10-141	174.60	188.35	13.75	Faulted Qtz Monzonite, same litho as above unit. Increase in pervasive brecciation. Several intervals of clay gouge. Weak to strong sericite altn associated with the faulted zones. Minor zones of strong silica flooding with py>cpy.
K-10-141	188.35	197.80	9.45	Light grey, massive qtz veining. Clay gouge and minor chlorite along fractures. Likely heart of west fault.
K-10-141	197.80	203.60	5.80	Brecciated Quartz Monzonite. Same litho as above units. Pervasive silica+sericite altn, overprinting k-spar>>hem altn. Brecciation is tectonic. Trace to 2% cpy within qtz veins and along fractures within sil flooded zones.
K-10-141	203.60	237.13	33.53	Quartz Monzonite. Pervasive, strong to intense K-spar+hematite altn. ~10%, 5-10 mm qtz phenos. 2-4% grey qtz+/-calcite veins. 1-2% pyrite. Cpy %age is low overall, but occurs in clots to 1 cm within rarely occurring brecciated and silica flooded zones.
	EOH			

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	PY %	CP %	MO %	VEIN TYPE	%
K-10-141	38.70	40.70	2.00	15351	MON	POT				w			1.0	tr		C+E+/-K,Q	1
K-10-141	40.70	43.70	3.00	15352	MON	POT				w			2.0			C+E+/-K,Q	1
K-10-141	43.70	45.70	2.00	15353	MON	SIL	CHL			w			3.0	tr		C+E+/-K,Q	1
K-10-141	45.70	47.70	2.00	15354	MON	SIL	CHL			w			3.0	tr		C+E+/-K,Q	2
K-10-141	47.70	49.70	2.00	15355	MON	SIL	CHL			w			5.0	tr		C+E+/-K,Q	2
K-10-141	49.70	51.70	2.00	15356	MON	SIL	CHL			w			4.0	tr		C+E+/-K,Q	1
K-10-141	51.70	53.70	2.00	15357	MON	SIL	CHL			w			8.0	1.5		C+E+/-K,Q	2
K-10-141	53.70	55.70	2.00	15358	MON	SIL	CHL			w			7.0	0.5		C+E+/-K,Q	1
K-10-141	55.70	57.70	2.00	15359	MON	SIL	CHL			w			10.0	tr		C+E+/-K,Q	1
K-10-141	57.70	59.70	2.00	15360	MON	SIL	CHL			w			10.0	0.5		C+E+/-K,Q	1
K-10-141	59.70	61.80	2.10	15361	MON	SIL	CHL			w			6.0	tr		C+E+/-K,Q	2
K-10-141	61.80	63.80	2.00	15362	MON	POT		w		s			2.0	tr		C+E+/-K,Q	2
K-10-141	63.80	65.80	2.00	15363	MON	POT		w		s			2.0	2.0		C+E+/-K,Q	1
K-10-141	65.80	67.40	1.60	15364	MON	POT		w		s			2.0	tr		C+E+/-K,Q	1
K-10-141	67.40	69.40	2.00	15366	MON	SIL	CHL			m			5.0	1.0		C+E+/-K,Q	1
K-10-141	69.40	71.40	2.00	15367	MON	SIL	CHL			w			5.0	tr		C+E+/-K,Q	1
K-10-141	71.40	73.40	2.00	15368	MON	SIL	CHL			m			4.0	tr	tr	C+E+/-K,Q	2
K-10-141	73.40	75.40	2.00	15369	MON	POT		tr		w			4.0	2.0		C+E+/-K,Q	2
K-10-141	75.40	77.40	2.00	15370	MON	POT		tr		w			2.0	tr		C+E+/-K,Q	1
K-10-141	77.40	79.40	2.00	15371	MON	POT	CHL	tr		w			2.0	tr		C+E+/-K,Q	2
K-10-141	79.40	81.40	2.00	15372	MON	POT				m			5.0	1.5		C+E+/-K,Q	1
K-10-141	81.40	83.40	2.00	15373	MON	POT		w		m			2.0	0.5		C+E+/-K,Q	2
K-10-141	83.40	85.40	2.00	15374	MON	POT		tr		m		w	3.0	tr		C+E+/-K,Q	1
K-10-141	85.40	87.40	2.00	15375	MON	POT	CHL	tr		w			3.0	2.0		C+E+/-K,Q	3
K-10-141	87.40	89.40	2.00	15376	MON	POT	CHL	w		m		w	3.0	1.0	tr	C+E+/-K,Q	2
K-10-141	89.40	91.40	2.00	15377	MON	POT	CHL	tr		m		w	4.0	1.0		C+E+/-K,Q	2
K-10-141	91.40	93.40	2.00	15378	MON	POT	CHL			w			2.0	tr		C+E+/-K,Q	1
K-10-141	93.40	95.60	2.20	15379	MON	POT	CHL			w			3.0	1.0		C+E+/-K,Q	1
K-10-141	95.60	97.60	2.00	15381	MON	SIL	CHL			w			4.0	3.0		C+E+/-K,Q	2
K-10-141	97.60	99.60	2.00	15382	MON	SIL	CHL			m			4.0	2.0		C+E+/-K,Q	2
K-10-141	99.60	101.60	2.00	15383	MON	SIL	CHL			w			3.0	tr		C+E+/-K,Q	1
K-10-141	101.60	103.60	2.00	15384	MON	SIL	CHL			w			3.0	1.0		C+E+/-K,Q	2
K-10-141	103.60	105.60	2.00	15385	MON	SIL	CHL	tr		m			6.0	1.5		C+E+/-K,Q	1
K-10-141	105.60	107.60	2.00	15386	MON	SIL	CHL	tr		w			5.0	1.0		C+E+/-K,Q	1
K-10-141	107.60	109.60	2.00	15387	MON	SIL	CHL	tr		w			4.0	1.5		C+E+/-K,Q	3
K-10-141	109.60	111.60	2.00	15388	MON	SIL	CHL			w			5.0	1.0		C+E+/-K,Q	1
K-10-141	111.60	113.60	2.00	15389	MON	SIL	CHL	tr		w			4.0	2.0		C+E+/-K,Q	3
K-10-141	113.60	115.60	2.00	15390	MON	SIL	CHL			w			5.0	1.0		C+E+/-K,Q	1
K-10-141	115.60	117.80	2.20	15391	MON	SIL	CHL			w			3.0	tr		C+E+/-K,Q	2
K-10-141	117.80	119.80	2.00	15392	QMON	POT				s			tr		0.3	Q+C	7
K-10-141	119.80	121.80	2.00	15393	QMON	POT				s			tr		tr	Q+C	5
K-10-141	121.80	123.80	2.00	15394	QMON	POT				s			1.0		tr	Q+C	7
K-10-141	123.80	125.80	2.00	15396	QMON	POT				s			tr		tr	Q+C	5
K-10-141	125.80	127.80	2.00	15397	QMON	POT				s			tr	tr	tr	Q+C	4
K-10-141	127.80	129.80	2.00	15398	QMON	POT				s			tr		tr	Q+C	4
K-10-141	129.80	131.80	2.00	15399	QMON	POT				s			tr		tr	Q+C	10
K-10-141	131.80	133.80	2.00	15400	QMON	POT				s		tr	tr	tr		Q+C	5
K-10-141	133.80	135.80	2.00	15401	QMON	POT				s		tr	tr			Q+C	10
K-10-141	135.80	137.80	2.00	15402	QMON	POT				s		tr	tr		tr	Q,Q+C	3
K-10-141	137.80	139.80	2.00	15403	QMON	POT				s		tr	1.0			Q,Q+C	3
K-10-141	139.80	141.80	2.00	15404	QMON	POT				s		tr	1.0	tr	tr	Q,Q+C	5
K-10-141	141.80	143.80	2.00	15405	QMON	POT				s		tr	1.0			Q,Q+C	3

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-142	0.00	55.47	55.47	Casing/Overburden
K-10-142	55.47	83.30	27.83	West fault quartz monzonite. Hole collar into west fault. Quartz veined and qtz bearing monzonite. Strong, texture destructive, pervasive k-spar>>hem altn. Abundant qtz veining with 10-30% qtz veins overall and ~10% qtz phenos in matrix. Cpy rarely within qtz veins. Trace Mo throughout, along fractures and qtz vein selvages. Structures are at 40-45 deg to CA, indicating an eastward dip for the west fault, at an estimated 80-85 deg.
K-10-142	83.30	85.90	2.60	Andesite dyke. Dark green, weakly fpy porphyritic andesite dyke. Hematite and epidote along fractures.
K-10-142	85.90	87.78	1.88	Quartz monzonite. Same as from 53-85 m depth.
	EOH			

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	PY %	CP %	MO %	VEIN TYPE	%
K-10-142	55.47	57.00	1.53	15457	QMON	POT			w	m-s		tr	2	tr	tr	Q, Q+C	20
K-10-142	57.00	59.00	2.00	15458	QMON	POT			w	m-s		tr	1		tr	Q, Q+C	25
K-10-142	59.00	61.00	2.00	15459	QMON	POT			tr	m-s		tr	1		tr	Q, Q+C	30
K-10-142	61.00	63.00	2.00	15460	QMON	POT			tr	m-s		tr	2		tr	Q, Q+C	10
K-10-142	63.00	65.00	2.00	15461	QMON	POT			w	m-s		tr	1		tr	Q, Q+C	40
K-10-142	65.00	67.00	2.00	15462	QMON	POT			w	m-s		tr	1		tr	Q, Q+C	20
K-10-142	67.00	69.00	2.00	15463	QMON	POT			tr	m-s		tr	2		tr	Q, Q+C	30
K-10-142	69.00	71.00	2.00	15464	QMON	POT			w	m-s		tr	2		tr	Q, Q+C	20
K-10-142	71.00	73.00	2.00	15465	QMON	POT			tr	m-s		tr	2		tr	Q, Q+C	25
K-10-142	73.00	75.00	2.00	15466	QMON	POT			tr	m-s		tr	1		tr	Q, Q+C	15
K-10-142	75.00	77.00	2.00	15467	QMON	POT				m-s		tr	1		tr	Q, Q+C	10
K-10-142	77.00	79.00	2.00	15468	QMON	POT				m-s		tr	1		tr	Q, Q+C	15
K-10-142	79.00	81.00	2.00	15469	QMON	POT				m-s		tr	2	tr	tr	Q, Q+C	10
K-10-142	81.00	83.30	2.30	15471	QMON	POT				m-s		tr	1		tr	Q, Q+C	7
K-10-142	83.30	85.90	2.60	15472	QMON	POT				m-s		tr	1		tr	Q, Q+C	15
K-10-142	85.90	87.78	1.88	15473	QMON	POT				m-s		tr	1		tr	Q, Q+C	10

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-143	0.00	21.33	21.33	Casing/Overburden
K-10-143	21.33	42.90	21.57	Mineralized zone within monzonite. Typical south zone, mineralized monzonite. Pervasive, strong chl+sil+py alteration within broken, brecciated and locally faulted unit. Overall, Cu grade is estimated at 0.25-0.30%. Cpy occurs as disseminations within altd intervals. Altn is texture destructive. K-spar veins and along fractures. No Mo visible. 3-7% pyrite within zones of stronger altn.
K-10-143	42.90	55.75	12.85	Variably mineralized monzonite. Same litho as above, ie. typical south zone monzonite. ~50% of interval has undergone strong sil-chl-py alteration. As above, sil-chl-py alteration within broken, brecciated and locally faulted parts. Overall, Cu grade is estimated at 0.15-0.20%. Cpy occurs as disseminations within altd intervals and along fractures in less altd zone. No Mo visible. 2-7% pyrite, mostly within zones of stronger altn.
K-10-143	55.75	72.50	16.75	Patchy, localized sil-chl-py alteration as above, generally in 10-100 m zones of brittle deformation. Cpy associated with the alteration. Only comprise ~10-20% of unit overall. Majority of unit is strongly k-spar altered with patchy silica alteration. Epidote common along calcite+/-qtz veins.
K-10-143	72.50	87.80	15.30	South zone monzonite. Sparsely mineralized within rarely occurring, narrow zones of sil+chl+py altn. Strogk k-spar altn and common epidote along fractures.
K-10-143	87.80	121.30	33.50	Monzonite. Same litho as all above, but increase in altn and mineralization. Pervasive weak to mod silica flooding, with associated 2-4% dissem py and trace to 0.5% overall cpy. Narrow zones (10-20 cm) of intense sil+chl+py>cpy flooding associated with small fracture/shear zones.
K-10-143	121.30	133.20	11.90	Monzonite. As above, but decrease in altn and mineralization. Sparsely mineralized within rarely occurring, narrow zones of sil+chl+py altn. Strogk k-spar altn and common epidote along fractures.
K-10-143	133.20	134.00	0.80	West fault. Foliated cataclasite, generally at 45-55 deg to CA. This means west fault plunges at 70 deg to east at this point. Maroon, hematite rich matrix.
K-10-143	134.00	179.22	45.22	Quartz monzonite. Common unit within broad west fault zone. Quartz veined and qtz bearing monzonite. Strong, texture destructive, pervasive k-spar>>hem altn. Abundant qtz veining with 5-7% qtz veins overall and ~10% qtz phenos in matrix. Cpy rarely within qtz veins. Rare Mo along fractures.
	EOH			

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-143	21.33	23.00	1.67	15474	MON	SIL	CHL			tr			7	0.5			Q+C,K	1
K-10-143	23.00	25.00	2.00	15475	MON	SIL	CHL			tr			7	1.5			Q+C,K	1
K-10-143	25.00	27.00	2.00	15476	MON	SIL	CHL			tr			5	1.0			Q+C,K	1
K-10-143	27.00	29.00	2.00	15477	MON	SIL	CHL			tr			5	0.5			Q+C,K	2
K-10-143	29.00	31.00	2.00	15478	MON	SIL	CHL			tr			4	0.5			Q+C,K	2
K-10-143	31.00	33.00	2.00	15479	MON	SIL	CHL			tr			6	1.0			Q+C,K	1
K-10-143	33.00	35.00	2.00	15480	MON	SIL	CHL			tr			7	0.5			Q+C,K	1
K-10-143	35.00	37.00	2.00	15481	MON	SIL	CHL			tr			5	0.5			Q+C,K	2
K-10-143	37.00	39.00	2.00	15482	MON	SIL	CHL			tr			7	1.0			Q+C,K	2
K-10-143	39.00	41.00	2.00	15483	MON	SIL	CHL			tr			6	1.0			Q+C,K	2
K-10-143	41.00	42.90	1.90	15484	MON	SIL	CHL			tr			4	0.5			Q+C,K	2
K-10-143	42.90	44.90	2.00	15486	MON	POT				m			4	tr			Q+C,K	2
K-10-143	44.90	46.90	2.00	15487	MON	POT				m			4	tr			Q+C,K	1
K-10-143	46.90	48.90	2.00	15488	MON	SIL	CHL			w			7	1.0			Q+C,K	2
K-10-143	48.90	50.90	2.00	15489	MON	SIL	CHL			w			6	1.0			Q+C,K	2
K-10-143	50.90	52.90	2.00	15490	MON	SIL	CHL			w			5	0.5			Q+C,K	2
K-10-143	52.90	55.75	2.85	15491	MON	SIL	CHL			w			4	0.5			Q+C,K	3
K-10-143	55.75	58.00	2.25	15492	MON	POT				s			3	tr			Q+C	2
K-10-143	58.00	60.00	2.00	15493	MON	POT				s			3	tr			Q+C	2
K-10-143	60.00	62.00	2.00	15494	MON	POT				s			3	tr			Q+C	2
K-10-143	62.00	64.00	2.00	15495	MON	SIL	CHL			s			5	0.5			Q+C	2
K-10-143	64.00	66.00	2.00	15496	MON	POT				s			4	0.5			Q+C	2
K-10-143	66.00	68.00	2.00	15497	MON	POT		tr		s			2	tr			Q+C	2
K-10-143	68.00	70.00	2.00	15498	MON	POT		tr		s			3	tr			Q+C	2
K-10-143	70.00	72.50	2.50	15499	MON	POT				s			2	tr			Q+C	2
K-10-143	72.50	74.00	1.50	15501	MON	POT		tr		s			2				Q+C	2
K-10-143	74.00	76.00	2.00	15502	MON	POT		tr		s			2	tr			Q+C	2
K-10-143	76.00	78.00	2.00	15503	MON	POT		tr		s			2				Q+C	1
K-10-143	78.00	80.00	2.00	15504	MON	POT		tr		s			2				Q+C	2
K-10-143	80.00	82.00	2.00	15505	MON	POT		tr		s			1	tr			Q+C	3
K-10-143	82.00	84.00	2.00	15506	MON	POT		tr		s			2				Q+C	2
K-10-143	84.00	86.00	2.00	15507	MON	POT		tr		s			4	tr			Q+C	3
K-10-143	86.00	87.80	1.80	15508	MON	POT		tr		s			3				Q+C	2
K-10-143	87.80	89.00	1.20	15509	MON	POT	SIL			s			2	tr			Q+C	2
K-10-143	89.00	91.00	2.00	15510	MON	POT	SIL			s			3	0.5			Q+C	1
K-10-143	91.00	93.00	2.00	15511	MON	POT	SIL			s			4	0.5			Q+C	2
K-10-143	93.00	95.00	2.00	15512	MON	POT	SIL			s			4	1.0			Q+C	3
K-10-143	95.00	97.00	2.00	15513	MON	POT	SIL			s			3	tr			Q+C	2
K-10-143	97.00	99.00	2.00	15514	MON	POT	SIL			s			6	0.5		tr	Q+C	2
K-10-143	99.00	101.00	2.00	15516	MON	POT	SIL			s			4	tr			Q+C	1
K-10-143	101.00	103.00	2.00	15517	MON	POT	SIL			s			3	tr			Q+C	1
K-10-143	103.00	105.00	2.00	15518	MON	POT	SIL			s			3	tr			Q+C	2

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-143	105.00	107.00	2.00	15519	MON	POT	SIL			s			4	0.5			Q+C	2
K-10-143	107.00	109.00	2.00	15520	MON	POT	SIL			s			3	0.5			Q+C	3
K-10-143	109.00	111.00	2.00	15521	MON	POT	SIL			s			4	1.0			Q+C	2
K-10-143	111.00	113.00	2.00	15522	MON	POT	SIL			s			4	0.5			Q+C	1
K-10-143	113.00	115.00	2.00	15523	MON	POT	SIL			s			4	0.5			Q+C	2
K-10-143	115.00	117.00	2.00	15524	MON	POT	SIL			s			3	tr			Q+C	2
K-10-143	117.00	119.00	2.00	15525	MON	POT	SIL			s			5	1.0			Q+C	1
K-10-143	119.00	121.30	2.30	15526	MON	POT	SIL			s			3	tr			Q+C	2
K-10-143	121.30	123.00	1.70	15527	MON	POT		tr		s			3	tr			Q+C	2
K-10-143	123.00	125.00	2.00	15528	MON	POT		tr		s			2	tr			Q+C	3
K-10-143	125.00	127.00	2.00	15529	MON	POT		tr		s			2	tr			Q+C	1
K-10-143	127.00	129.00	2.00	15531	MON	POT		tr		s			2	tr			Q+C	2
K-10-143	129.00	131.00	2.00	15532	MON	POT		tr		s			2	tr			Q+C	2
K-10-143	131.00	133.20	2.20	15533	MON	POT		tr		s			2	tr			Q+C	1
K-10-143	133.20	134.00	0.80	15534	FLT								1	tr			Q+C	0
K-10-143	134.00	136.00	2.00	15535	QMON	POT			w	s		tr	4	tr			Q+C	5
K-10-143	136.00	138.00	2.00	15536	QMON	POT			w	s		tr	2	tr			Q+C	6
K-10-143	138.00	140.00	2.00	15537	QMON	POT			w	s		tr	2				Q+C	5
K-10-143	140.00	142.00	2.00	15538	QMON	POT			w	s			3	tr			Q+C	4
K-10-143	142.00	144.00	2.00	15539	QMON	POT			w	s			3	tr			Q+C	7
K-10-143	144.00	146.00	2.00	15540	QMON	POT			tr	s			2				Q+C	7
K-10-143	146.00	148.00	2.00	15541	QMON	POT			tr	s			2				Q+C	4
K-10-143	148.00	150.00	2.00	15542	QMON	POT			tr	s		tr	1				Q+C	4
K-10-143	150.00	152.00	2.00	15543	QMON	POT			tr	s		tr	1	tr			Q+C	7
K-10-143	152.00	154.00	2.00	15544	QMON	POT			w	s		tr	2				Q+C	7
K-10-143	154.00	156.00	2.00	15546	QMON	POT			w	s		w	2	tr			Q+C	4
K-10-143	156.00	158.00	2.00	15547	QMON	POT			w	s		w	2				Q+C	5
K-10-143	158.00	160.00	2.00	15548	QMON	POT			w	s		w	1				Q+C	5
K-10-143	160.00	162.00	2.00	15549	QMON	POT			tr	s			2				Q+C	5
K-10-143	162.00	164.00	2.00	15550	QMON	POT			tr	s			2	tr			Q+C	4
K-10-143	164.00	166.00	2.00	15551	QMON	POT			tr	s		tr	1	tr			Q+C	4
K-10-143	166.00	168.00	2.00	15552	QMON	POT			tr	s		tr	2				Q+C	4
K-10-143	168.00	170.00	2.00	15553	QMON	POT			tr	s		tr	2				Q+C	3
K-10-143	170.00	172.00	2.00	15554	QMON	POT			tr	s		tr	3	tr			Q+C	4
K-10-143	172.00	174.00	2.00	15555	QMON	POT			w	s		tr	2				Q+C	4
K-10-143	174.00	176.00	2.00	15556	QMON	POT			tr	s		tr	1				Q+C	3
K-10-143	176.00	179.22	3.22	15557	QMON	POT			tr	s		tr	2				Q+C	3

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-144	0.00	27.43	27.43	Casing/Overburden
K-10-144	27.43	50.30	22.87	Patchy, localized sil-chl-py alteration as above, generally in 10-100 m zones of brittle deformation. Cpy associated with the alteration. Only comprise ~10-20% of unit overall. Majority of unit is strongly k-spar altered with patchy silica alteration. Epidote common along qtz+/-calcite veins.
K-10-144	50.30	73.50	23.20	Mineralized zone within monzonite. Pervasive, strong sil+py+secondary biotite alteration within broken, brecciated and locally faulted unit. Overall, Cu grade is estimated at 0.25-0.30%. Cpy occurs as disseminations within altd intervals. K-spar veins and along fractures. Rare Mo visible. 3-7% pyrite within zones of stronger altn. Upper 1.5 m of zone is faulted with minor clay gouge.
K-10-144	73.50	110.25	36.75	Monzonite. Strongly k-spar+sericite altd. 3-5% pyrite along fractures. Core is strognly broken in many places. Rare intervals of dark grey silica+py flooding, 10 cm to rarely 2 m wide. Hematite along fractures to locally weakly pervasive. Trace cpy.
K-10-144	110.25	124.20	13.95	Monzonite. Same litho as above, but increase in hem altn and only patchy sericite altn. Brecciated intervals, flooded with sil+ep+hem. Trace cpy.
K-10-144	124.20	126.00	1.80	Fault zone marked by sericite altd, tectonic breccia. With oriented core, structure is striking 120 deg, plunging 80 deg.
K-10-144	126.00	139.70	13.70	Monzonite. Same as from 110-124. Patches of strogn sil+py+secondary biotite altn.
K-10-144	139.70	143.30	3.60	Fault zone. Marked by strognly brecciated core, locally flooded by epidote+hematite. Also, some parts are sil+py flooded.
K-10-144	143.30	167.60	24.30	Monzonite. Looks more like typical south zone monzonite than above intervals. Likely just alteration. Patchy weak sericite alteration and patchy, weak silica flooding. Strong k-spar altn. Tr, cpy as dissems and within silica flooded zones.
K-10-144	167.60	170.45	2.85	Andesite dyke. Dark green, weakly magnetic andesite Hematite, calcite and epidote alteration, mostly along fractures.
K-10-144	170.45	181.00	10.55	Monzonite Breccia. Typical south zone monzonite. Strongly brecciated but completely healed (ie. intrusive breccia). Strong to intense k-spar alteration and moderate to strong propylitic (hem+ep+calcite) alteration. Pathy silica flooding with trace, vfg disseminated cpy.
K-10-144	181.00	186.00	5.00	Andesite dyke. Dark green, weakly magnetic andesite Hematite, calcite and epidote alteration, mostly along fractures. 3-5% qtz veins, with rare Mo.
K-10-144	186.00	203.60	17.60	Monzonite Breccia. Strongly brecciated, partially healed. Strong to intense k-spar+sericite alteration, texture destructive. Clay alteration and minor gouge along fractures. Trace hem altn.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-144	203.60	206.55	2.95	West Fault. Major fault with significant displacement. Grey clay matrix. Structures are at ~45 degrees to CA. This means the fault is either flat lying (5 deg plunge) or sub-vertical. The oriented core tool suggest sub-horizontal dip on several occasions, but i think there is misuse of the tool and should be sub-vertical.
K-10-144	206.55	243.23	36.68	Diorite. Large diorite body, as was observed in K-126 on the northeast margin of south zone. Medium to coarse grained, feldspar porphyritic unit. Strongly magnetic with primary magnetite grains. Weak to mod kspar altn. Chlorite altd groundmass and epidote+hematite along fractures.
	EOH			

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Tourmaline	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-144	27.43	30.00	2.57	15558	MON	POT		tr		s		tr		2	tr			Q+C,E	2
K-10-144	30.00	32.00	2.00	15559	MON	POT		tr		s		tr		3	tr			Q+C,E	2
K-10-144	32.00	34.00	2.00	15561	MON	POT		tr		s		tr		3	tr			Q+C,E	2
K-10-144	34.00	36.00	2.00	15562	MON	POT		tr		s		tr		3	0.5			Q+C,E	2
K-10-144	36.00	38.00	2.00	15563	MON	POT		tr		s		tr		2	tr			Q+C,E	1
K-10-144	38.00	40.00	2.00	15564	MON	POT		tr		s		tr		2	tr			Q+C,E	2
K-10-144	40.00	42.00	2.00	15565	MON	POT		tr		s		tr		2	tr			Q+C,E	2
K-10-144	42.00	44.00	2.00	15566	MON	POT		tr		s		tr		2	tr			Q+C,E	2
K-10-144	44.00	46.00	2.00	15567	MON	POT		tr		s		tr		2	tr			Q+C,E	2
K-10-144	46.00	48.00	2.00	15568	MON	POT		tr		s		tr		2	tr			Q+C,E	3
K-10-144	48.00	50.30	2.30	15569	MON	POT		tr		s		tr		2	tr			Q+C,E	3
K-10-144	50.30	52.00	1.70	15570	MON	POT	SIL			s				3	tr			Q,Q+C	2
K-10-144	52.00	54.00	2.00	15571	MON	POT	SIL			s				4	0.5			Q,Q+C	2
K-10-144	54.00	56.00	2.00	15572	MON	POT	SIL			s				4	tr			Q,Q+C	3
K-10-144	56.00	58.00	2.00	15573	MON	POT	SIL			s				3	tr			Q,Q+C	3
K-10-144	58.00	60.00	2.00	15574	MON	POT	SIL			s				5	0.5			Q,Q+C	3
K-10-144	60.00	62.00	2.00	15576	MON	POT	SIL			s				5	1.0			Q,Q+C	3
K-10-144	62.00	64.00	2.00	15577	MON	POT	SIL			s				7	1.0			Q,Q+C	4
K-10-144	64.00	66.00	2.00	15578	MON	POT	SIL			s				5	1.0			Q,Q+C	6
K-10-144	66.00	68.00	2.00	15579	MON	POT	SIL			s				4	0.5			Q,Q+C	4
K-10-144	68.00	70.00	2.00	15580	MON	POT	SIL			s				7	1.0			Q,Q+C	3
K-10-144	70.00	72.00	2.00	15581	MON	POT	SIL			s				7	1.0			Q,Q+C	3
K-10-144	72.00	73.50	1.50	15582	MON	POT	SIL			s				7	0.5			Q,Q+C	2
K-10-144	73.50	76.00	2.50	15583	MON	POT	SER		m	s		tr		7	0.5			Q+C	3
K-10-144	76.00	78.00	2.00	15584	MON	POT	SER		m	s		tr		6	0.5			Q+C	3
K-10-144	78.00	80.00	2.00	15585	MON	POT	SER		m	s		tr		3				Q+C	3
K-10-144	80.00	82.00	2.00	15586	MON	POT	SER		m	s		tr		2				Q+C	2
K-10-144	82.00	84.00	2.00	15587	MON	POT	SER		w	s				2	tr			Q+C	2
K-10-144	84.00	86.00	2.00	15588	MON	POT	SER		m	s				2	tr			Q+C	3
K-10-144	86.00	88.00	2.00	15589	MON	POT	SER		w	s				2				Q+C	3
K-10-144	88.00	90.00	2.00	15591	MON	POT	SIL		w	m				2				Q+C	2
K-10-144	90.00	92.00	2.00	15592	MON	POT	SER	SIL	w	s		tr		3	tr			Q+C	2
K-10-144	92.00	94.00	2.00	15593	MON	POT	SER		m	s		tr		2	tr			Q+C	1
K-10-144	94.00	96.00	2.00	15594	MON	POT	SER		m	s		tr		2				Q+C	2
K-10-144	96.00	98.00	2.00	15595	MON	POT	SER		w	s		tr		2	tr			Q+C	3
K-10-144	98.00	100.00	2.00	15596	MON	POT	SER		w	s		tr		5	0.5			Q+C	3
K-10-144	100.00	102.00	2.00	15597	MON	POT	SER		m	s		tr		3	tr			Q+C	2
K-10-144	102.00	104.00	2.00	15598	MON	POT	SER		w	s		tr		2				Q+C	3
K-10-144	104.00	106.00	2.00	15599	MON	POT	SER		w	s		tr		2			tr	Q+C	3
K-10-144	106.00	108.00	2.00	15600	MON	POT	SER		w	s		tr		2				Q+C	3
K-10-144	108.00	110.25	2.25	15601	MON	POT	SER		m	s		tr		2	tr			Q+C	2
K-10-144	110.25	112.00	1.75	15602	MON	POT				s		tr		3	tr			Q+C	2
K-10-144	112.00	114.00	2.00	15603	MON	POT				s		tr		3				Q+C	2
K-10-144	114.00	116.00	2.00	15604	MON	POT	SER		m	s		m		4	tr			Q+C	3
K-10-144	116.00	118.00	2.00	15606	MON	POT	SER	tr	m	s		m		3	tr			Q+C	2
K-10-144	118.00	120.00	2.00	15607	MON	POT		w	w	s		w		2	tr			Q+C	3
K-10-144	120.00	122.00	2.00	15608	MON	POT			w	s		m		3	tr			Q+C	3
K-10-144	122.00	124.20	2.20	15609	MON	POT				s		w		3	tr			Q+C	2
K-10-144	124.20	126.00	1.80	15610	FTZ	SER			s	w				1					0

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Tourmaline	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-144	126.00	128.00	2.00	15611	MON	POT	SER		m	s		tr		2				Q+C	2
K-10-144	128.00	130.00	2.00	15612	MON	POT			m	s		tr		2				Q+C	2
K-10-144	130.00	132.00	2.00	15613	MON	POT			tr	s		tr		3				Q+C	3
K-10-144	132.00	134.00	2.00	15614	MON	POT			w	s		tr		2				Q+C	4
K-10-144	134.00	136.00	2.00	15615	MON	POT	SIL			s		tr		6	1.0			Q+C	2
K-10-144	136.00	138.00	2.00	15616	MON	POT	SIL			s		tr		4	0.5			Q+C	3
K-10-144	138.00	139.70	1.70	15617	MON	POT			tr	s		tr		3	tr			Q+C	2
K-10-144	139.70	141.70	2.00	15618	FTZ	SIL		m		s		m		7	1.0			Q+C	3
K-10-144	141.70	143.30	1.60	15619	FTZ	SIL		w		s		m		7	0.5			Q+C	3
K-10-144	143.30	145.00	1.70	15621	MON	POT				s				3	tr			Q+C	4
K-10-144	145.00	147.00	2.00	15622	MON	POT				s				2				Q+C	2
K-10-144	147.00	149.00	2.00	15623	MON	POT				s				2				Q+C	3
K-10-144	149.00	151.00	2.00	15624	MON	POT				s				2				Q+C	2
K-10-144	151.00	153.00	2.00	15625	MON	POT			w	s				2				Q+C	3
K-10-144	153.00	155.00	2.00	15626	MON	POT	SER		s	s				2				Q+C	2
K-10-144	155.00	157.00	2.00	15627	MON	POT	SER		s	s				2				Q+C	2
K-10-144	157.00	159.00	2.00	15628	MON	POT			m	s				2				Q+C	2
K-10-144	159.00	161.00	2.00	15629	MON	POT			w	s		tr		3	0.5			Q+C	2
K-10-144	161.00	163.00	2.00	15630	MON	POT				s		tr		3	tr			Q+C	2
K-10-144	163.00	165.00	2.00	15631	MON	POT	SER		s	s		w		3	tr			Q+C	3
K-10-144	165.00	167.60	2.60	15632	MON	POT	SER		m	s		w		2				Q+C	2
K-10-144	167.60	170.45	2.85	15633	ANDK	PROP		m				w		2				C+E	4
K-10-144	170.45	173.00	2.55	15634	MONBRX	POT	SIL			s		tr		4	0.5			Q+C	2
K-10-144	173.00	175.00	2.00	15636	MONBRX	POT	SIL	tr		s		tr		3	tr			Q+C	2
K-10-144	175.00	177.00	2.00	15637	MONBRX	POT		tr		s		tr		2				Q+C	3
K-10-144	177.00	179.00	2.00	15638	MONBRX	POT		tr		s		tr		2				Q+C	2
K-10-144	179.00	181.00	2.00	15639	MONBRX	POT		tr		s		tr		2				Q+C	2
K-10-144	181.00	182.50	1.50	15640	ANDK	PROP		m				w		1				Q,Q+C	3
K-10-144	182.50	184.00	1.50	15641	ANDK	PROP		m				w		2				Q,Q+C	3
K-10-144	184.00	186.00	2.00	15642	ANDK	PROP		m				w		2	tr		tr	Q,Q+C	5
K-10-144	186.00	188.00	2.00	15643	MONBRX	POT	SER		m-s	s		tr		3	tr			Q+C	1
K-10-144	188.00	190.00	2.00	15644	MONBRX	POT	SER		m-s	s		tr		2				Q+C	2
K-10-144	190.00	192.00	2.00	15645	MONBRX	POT	SER		m-s	s		tr		2				Q+C	2
K-10-144	192.00	194.00	2.00	15646	MONBRX	POT	SER		s	s		tr		1				Q+C	3
K-10-144	194.00	196.00	2.00	15647	MONBRX	POT	SER		s	s		tr		1				Q+C	3
K-10-144	196.00	198.00	2.00	15648	MONBRX	POT	SER		m-s	s		tr		2				Q+C	3
K-10-144	198.00	200.00	2.00	15649	MONBRX	POT	SER		m-s	s		tr		2				Q+C	2
K-10-144	200.00	202.00	2.00	15651	MONBRX	POT	SER		s	s		tr		1				Q+C	3
K-10-144	202.00	203.60	1.60	15652	MONBRX	POT	SER		m-s	s		tr		2				Q+C	2
K-10-144	203.60	206.55	2.95	15653	FTZ									0				C	10
K-10-144	206.55	207.50	0.95	15654	DIO	PROP				w-m				1				Q+C	2
K-10-144	207.50	209.00	1.50	15655	DIO	PROP				w-m				1				Q+C	2
K-10-144	209.00	211.00	2.00	15656	DIO	PROP				w-m				1				Q+C	2
K-10-144	211.00	213.00	2.00	15657	DIO	PROP				w-m				1				Q+C	2
K-10-144	213.00	215.00	2.00	15658	DIO	PROP				w-m				1				Q+C	2

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-145	0.00	52.43	52.43	Casing/Overburden
K-10-145	52.43	57.30	4.87	Monzonite. Strongly broken and fractures. Up to 20%, barren grey quartz veins. Strong k-spar+sericite alteration. 1% disseminated pyrite. No cpy. Strange given its location relative to K-139.
K-10-145	57.30	78.65	21.35	Monzonite. Typical south zone unit. Strongly broken and fractured. Strong, pervasive k-spar. Patchy weak sericite alteration and trace hematite within veins and along fractures. Patchy, weak sil flooding with rare cpy. 2-4% grey quartz veins.
K-10-145	78.65	87.80	9.15	Fault zone. Fault zone marked by clay gouge and rubbly core. Does not appear to be a major fault.
K-10-145	87.80	109.40	21.60	South zone monzonite. Typical of the litho observed in most of the south zone. Strong k-spar+weak to moderate hematite alteration. ~20-25% of the interval is weakly to moderately silica flooded. Rare epidote along fractures. 2-3% grey quartz veins. Rare cpy grains within grey quartz veins. 1-2% pyrite.
K-10-145	109.40	114.90	5.50	Andesite dyke. Weakly magnetic. Weak sericite+hematite alteration in places. Contacts are sharp at ~30 deg to CA. Too broken for oriented core.
K-10-145	114.90	148.40	33.50	Monzonite. Likely same litho as above Mon. Pervasive k-spar+weak to moderate sericite alteration. Patchy weak hem altn. No grey quartz veining. Trace cpy occurs along fractures. 1-2% pyrite.
K-10-145	148.40	179.05	30.65	Monzonite Breccia. Weakly mineralized zone. Similar mineralization to that observed in K-138 and K-139. Pervasive, strong k-spar>>hematite alteration. Weak ser altn. Cpy occurs within silica flooded veins and narrow intervals, and also as vfg disseminations along fractures. 1-3% pyrite. Overall, grade is 0.2-0.35%. Rare Mo along fractures.
K-10-145	179.05	194.80	15.75	Monzonite breccia. Pervasive, textures destructive sericite+k-spar alteration. Rare cpy along fractures. A sooty grey sulfide (likely pyrite) mineral occurs abundantly along network of fractures. There is sooty chalcocite or possibly enargite (?) occurring along the fractures, as evidenced by Niton numbers.
K-10-145	194.80	197.20	2.40	Fault zone. Marked by clay gouge and intense ser altn. Not a major displacement fault, ie. not the east fault. Near vertical fault.
K-10-145	197.20	208.25	11.05	Same as from 179-195 m depth. Less brecciation.
K-10-145	208.25	298.09	89.84	Monzonite. Pervasive, strong to intense k-spar alteration. Texture destructive, obscuring to obliterating primary textures. Trace to weak sericite alteration throughout with patches of strong, texture destructive sericite alteration in zones of shearing and tectonic brecciation. Several 0.5 to 1 m zones of tectonic brecciation, likely indicating proximity to east fault. Structures are sub-vertical. Sooty black sulfide (likely pyrite) occurring along fractures. Trace cpy occurring within rare, narrow sil flooded zones and within rare grey quartz veins. Trace hematite along veins and fractures.
	EOH			

HOLE#	FROM	TO	LENGT H	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-145	52.45	55.00	2.55	15659	MON	POT	SER		m	s		tr	1				Q	1
K-10-145	55.00	57.30	2.30	15660	MON	POT	SER		m	s		tr	1				Q	2
K-10-145	57.30	59.00	1.70	15661	MON	POT			tr	s		tr	2				Q+C	2
K-10-145	59.00	61.00	2.00	15662	MON	POT			tr	s		tr	2	tr			Q+C	3
K-10-145	61.00	63.00	2.00	15663	MON	POT			tr	s		tr	2	tr			Q+C	1
K-10-145	63.00	65.00	2.00	15664	MON	POT			tr	s		tr	2				Q+C	2
K-10-145	65.00	67.00	2.00	15666	MON	POT			tr	s		tr	3				Q+C	2
K-10-145	67.00	69.00	2.00	15667	MON	POT			tr	s		tr	3				Q+C	3
K-10-145	69.00	71.00	2.00	15668	MON	POT			tr	s		tr	2				Q+C	2
K-10-145	71.00	73.00	2.00	15669	MON	POT			tr	s		tr	2				Q+C	2
K-10-145	73.00	75.00	2.00	15670	MON	POT			tr	s		tr	3				Q+C	2
K-10-145	75.00	77.00	2.00	15671	MON	POT			tr	s		tr	2				Q+C	2
K-10-145	77.00	78.65	1.65	15672	MON	POT			tr	s		tr	2				Q+C	3
K-10-145	78.65	81.00	2.35	15673	MON	POT			tr	s		tr	2				Q+C	2
K-10-145	81.00	83.00	2.00	15674	FTZ	SER			m	m		w	2				Q+C	2
K-10-145	83.00	85.00	2.00	15675	FTZ	SER			m	m		w	2				Q+C	2
K-10-145	85.00	87.80	2.80	15676	FTZ	SER			m	m		w	2			tr	Q+C	2
K-10-145	87.80	89.80	2.00	15677	MON	POT				s		w	2	tr			Q,Q+C	2
K-10-145	89.80	92.00	2.20	15678	MON	POT				s		w	2				Q,Q+C	2
K-10-145	92.00	94.00	2.00	15679	MON	POT				s		w	2	tr			Q,Q+C	3
K-10-145	94.00	96.00	2.00	15681	MON	POT				s		w	2	tr			Q,Q+C	3
K-10-145	96.00	98.00	2.00	15682	MON	POT				s		w	2	tr			Q,Q+C	3
K-10-145	98.00	100.00	2.00	15683	MON	POT				s		w	2	tr			Q,Q+C	2
K-10-145	100.00	102.00	2.00	15684	MON	POT				s		w	2	tr			Q,Q+C	2
K-10-145	102.00	104.00	2.00	15685	MON	POT				s		w	2	tr			Q,Q+C	2
K-10-145	104.00	106.00	2.00	15686	MON	POT				s		w	2				Q,Q+C	3
K-10-145	106.00	108.00	2.00	15687	MON	POT				s		w	2				Q,Q+C	2
K-10-145	108.00	109.40	1.40	15688	MON	POT				s		w	2				Q,Q+C	2
K-10-145	109.40	111.40	2.00	15689	ANDK	PROP		m	w	s		tr	1				C	7
K-10-145	111.40	113.40	2.00	15690	ANDK	PROP		m	w	s		tr	1				C	4
K-10-145	113.40	114.90	1.50	15691	ANDK	PROP		m	w	s		tr	1				C	4
K-10-145	114.90	117.00	2.10	15692	MON	POT			w	s		w	2	tr			Q,Q+C	2
K-10-145	117.00	119.00	2.00	15693	MON	POT			w	s		w	2	tr			Q,Q+C	3
K-10-145	119.00	121.00	2.00	15694	MON	POT			w	s		w	2	tr			Q,Q+C	4
K-10-145	121.00	123.00	2.00	15696	MON	POT			w	s		w	1	tr			Q,Q+C	3
K-10-145	123.00	125.00	2.00	15697	MON	POT	SER		m	s		w	2	tr			Q,Q+C	2
K-10-145	125.00	127.00	2.00	15698	MON	POT			w	s		w	2				Q,Q+C	2
K-10-145	127.00	129.00	2.00	15699	MON	POT			w	s		w	2	1.0			Q,Q+C	3
K-10-145	129.00	131.00	2.00	15700	MON	POT			w	s		w	2	tr			Q,Q+C	2
K-10-145	131.00	133.00	2.00	15701	MON	POT			w	s		w	2				Q,Q+C	2
K-10-145	133.00	135.00	2.00	15702	MON	POT			w	s		w	2	tr			Q,Q+C	2
K-10-145	135.00	137.00	2.00	15703	MON	POT			w	s		w	2	tr			Q,Q+C	2

HOLE#	FROM	TO	LENGT H	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-145	137.00	139.00	2.00	15704	MON	POT			w	s		w	1				Q,Q+C	2
K-10-145	139.00	141.00	2.00	15705	MON	POT			w	s		w	2	tr			Q,Q+C	2
K-10-145	141.00	143.00	2.00	15706	MON	POT			w	s		w	1				Q,Q+C	3
K-10-145	143.00	145.00	2.00	15707	MON	POT			w	s		w	2				Q,Q+C	2
K-10-145	145.00	147.00	2.00	15708	MON	POT			w	s		w	2				Q,Q+C	2
K-10-145	147.00	148.40	1.40	15709	MON	POT			w	s		w	2	tr			Q,Q+C	2
K-10-145	148.40	151.00	2.60	15711	MONBRX	POT			tr	s		w-m	2	0.5			Q,Q+C	2
K-10-145	151.00	153.00	2.00	15712	MONBRX	POT			tr	s		w-m	2	tr			Q,Q+C	3
K-10-145	153.00	155.00	2.00	15713	MONBRX	POT			tr	s		w-m	2	0.5			Q,Q+C	3
K-10-145	155.00	157.00	2.00	15714	MONBRX	POT			tr	s		w-m	2	1.0			Q,Q+C	2
K-10-145	157.00	159.00	2.00	15715	MONBRX	POT			tr	s		w-m	3	0.5			Q,Q+C	3
K-10-145	159.00	161.00	2.00	15716	MONBRX	POT			tr	s		w-m	3	1.0			Q,Q+C	2
K-10-145	161.00	163.00	2.00	15717	MONBRX	POT			tr	s		w-m	3	2.0			Q,Q+C	2
K-10-145	163.00	165.00	2.00	15718	MONBRX	POT			tr	s		w-m	2	1.0			Q,Q+C	3
K-10-145	165.00	167.00	2.00	15719	MONBRX	POT			tr	s		w-m	2	tr			Q,Q+C	2
K-10-145	167.00	169.00	2.00	15720	MONBRX	POT			tr	s		w-m	2	0.5			Q,Q+C	3
K-10-145	169.00	171.00	2.00	15721	MONBRX	POT			tr	s		w-m	3	1.0			Q,Q+C	3
K-10-145	171.00	173.00	2.00	15722	MONBRX	POT			tr	s		w-m	3	tr			Q,Q+C	2
K-10-145	173.00	175.00	2.00	15723	MONBRX	POT			tr	s		w-m	2	0.5			Q,Q+C	3
K-10-145	175.00	177.00	2.00	15724	MONBRX	POT			tr	s		w-m	2	1.0			Q,Q+C	3
K-10-145	177.00	179.05	2.05	15726	MONBRX	POT			tr	s		w-m	2	tr			Q,Q+C	2
K-10-145	179.05	181.00	1.95	15727	MONBRX	SER	POT		s	m-s		tr	2	tr			Q,Q+C	2
K-10-145	181.00	183.00	2.00	15728	MONBRX	SER	POT		s	m-s		tr	2	tr			Q,Q+C	2
K-10-145	183.00	185.00	2.00	15729	MONBRX	SER	POT		s	m-s		tr	3				Q,Q+C	2
K-10-145	185.00	187.00	2.00	15730	MONBRX	SER	POT		s	m-s		tr	3	tr			Q,Q+C	2
K-10-145	187.00	189.00	2.00	15731	MONBRX	SER	POT		s	m-s		tr	2				Q,Q+C	3
K-10-145	189.00	191.00	2.00	15732	MONBRX	SER	POT		s	m-s		tr	2	tr			Q,Q+C	3
K-10-145	191.00	193.00	2.00	15733	MONBRX	SER	POT		s	m-s		tr	2				Q,Q+C	3
K-10-145	193.00	194.80	1.80	15734	MONBRX	SER	POT		s	m-s		tr	2				Q,Q+C	2
K-10-145	194.80	197.20	2.40	15735	FLT	SER			s				2				Q+C	4
K-10-145	197.20	199.00	1.80	15736	MONBRX	SER	POT		s	m-s		tr	2	tr			Q,Q+C	3
K-10-145	199.00	201.00	2.00	15737	MONBRX	SER	POT		s	m-s		tr	3				Q,Q+C	3
K-10-145	201.00	203.00	2.00	15738	MONBRX	SER	POT		s	m-s		tr	3	tr			Q,Q+C	2
K-10-145	203.00	205.00	2.00	15739	MONBRX	SER	POT		s	m-s		tr	2	tr			Q,Q+C	2
K-10-145	205.00	208.25	3.25	15741	MONBRX	SER	POT		s	m-s		tr	2	tr			Q,Q+C	2
K-10-145	208.25	210.00	1.75	15742	MON	POT			w	s		tr	2				Q+C,Q	3
K-10-145	210.00	212.00	2.00	15743	MON	POT	SER		m	s		tr	2				Q+C,Q	3
K-10-145	212.00	214.00	2.00	15744	MON	POT	SER		m	s		tr	1	tr			Q+C,Q	2
K-10-145	214.00	216.00	2.00	15745	MON	POT	SER		s	s		tr	2				Q+C,Q	2
K-10-145	216.00	218.00	2.00	15746	MON	POT	SER		m	s		tr	2				Q+C,Q	2
K-10-145	218.00	220.00	2.00	15747	MON	POT			w	s		tr	3	tr		tr	Q+C,Q	3
K-10-145	220.00	222.00	2.00	15748	MON	POT			w	s		tr	2				Q+C,Q	3

HOLE#	FROM	TO	LENGT H	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-145	222.00	224.00	2.00	15749	MON	POT	SER		m	s		tr	3	tr			Q+C,Q	3
K-10-145	224.00	226.00	2.00	15750	MON	POT			w	s		tr	2				Q+C,Q	4
K-10-145	226.00	228.00	2.00	15751	MON	POT			w	s		tr	1				Q+C,Q	4
K-10-145	228.00	230.00	2.00	15752	MON	POT			w	s		tr	1				Q+C,Q	2
K-10-145	230.00	232.00	2.00	15753	MON	POT			w	s		tr	2				Q+C,Q	2
K-10-145	232.00	234.00	2.00	15754	MON	POT	SER		s	s		tr	2	tr			Q+C,Q	2
K-10-145	234.00	236.00	2.00	15756	MON	POT	SER		s	s		tr	1	tr			Q+C,Q	3
K-10-145	236.00	238.00	2.00	15757	MON	SER			s	tr		tr	2				Q+C,Q	2
K-10-145	238.00	240.00	2.00	15758	MON	POT	SER		s	s		tr	2				Q+C,Q	2
K-10-145	240.00	242.00	2.00	15759	MON	POT			w	s		tr	2				Q+C,Q	3
K-10-145	242.00	244.00	2.00	15760	MON	POT			w	s		tr	2				Q+C,Q	2
K-10-145	244.00	246.00	2.00	15761	MON	POT			w	s		tr	2	tr			Q+C,Q	2
K-10-145	246.00	248.00	2.00	15762	MON	POT			w	s		tr	3				Q+C,Q	2
K-10-145	248.00	250.00	2.00	15763	MON	POT			w	s		tr	2				Q+C,Q	3
K-10-145	250.00	252.00	2.00	15764	MON	POT			w	s		tr	2	tr			Q+C,Q	2
K-10-145	252.00	254.00	2.00	15765	MON	POT			w	s		tr	1				Q+C,Q	3
K-10-145	254.00	256.00	2.00	15766	MON	POT			w	s		tr	1				Q+C,Q	3
K-10-145	256.00	258.00	2.00	15767	MON	POT				s		tr	1	tr			Q+C,Q	2
K-10-145	258.00	260.00	2.00	15768	MON	POT				s		tr	1				Q+C,Q	2
K-10-145	260.00	262.00	2.00	15769	MON	POT	SER		m	s		tr	1				Q+C,Q	3
K-10-145	262.00	264.00	2.00	15771	MON	POT	SER		m	s		tr	1				Q+C,Q	4
K-10-145	264.00	266.00	2.00	15772	MON	POT				s		tr	1				Q+C,Q	2
K-10-145	266.00	268.00	2.00	15773	MON	POT				s		tr	1				Q+C,Q	3
K-10-145	268.00	270.00	2.00	15774	MON	POT				s		w	1	tr			Q+C,Q	2
K-10-145	270.00	272.00	2.00	15775	MON	POT	SER		s	s		tr	1				Q+C,Q	3
K-10-145	272.00	274.00	2.00	15776	MON	POT				s		tr	1				Q+C,Q	3
K-10-145	274.00	276.00	2.00	15777	MON	POT	SER		m-s	s		tr	1				Q+C,Q	3
K-10-145	276.00	278.00	2.00	15778	MON	SER			s	w		tr	1				Q+C,Q	2
K-10-145	278.00	280.00	2.00	15779	MON	POT	SER		m-s	s		tr	1				Q+C,Q	2
K-10-145	280.00	282.00	2.00	15780	MON	POT	SER		m	s		tr	1				Q+C,Q	2
K-10-145	282.00	284.00	2.00	15781	MON	POT			w	s		tr	1				Q+C,Q	2
K-10-145	284.00	286.00	2.00	15782	MON	POT			w	s		tr	2	tr			Q+C,Q	2
K-10-145	286.00	288.00	2.00	15783	MON	POT			w	s		tr	2				Q+C,Q	2
K-10-145	288.00	290.00	2.00	15784	MON	POT			w	s		tr	1				Q+C,Q	2
K-10-145	290.00	292.00	2.00	15786	MON	POT	SER		s	s		tr	1				Q+C,Q	2
K-10-145	292.00	294.00	2.00	15787	MON	POT	SER		m	s		tr	1				Q+C,Q	2
K-10-145	294.00	296.00	2.00	15788	MON	POT	SER		m	s		tr	1	tr			Q+C,Q	2
K-10-145	296.00	298.09	2.09	15789	MON	POT			w	s		tr	1	tr			Q+C,Q	2

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-146	0.00	58.52	58.52	Casing/Overburden
K-10-146	58.52	59.10	0.58	Monzonite. Narrow interval at top of hole. See below for description.
K-10-146	59.10	62.00	2.90	Andesite Dyke. Fine grained, feldspar+mafics in groundmass, dark green dyke. 1% calcite veins, hematite along fractures. Sharp upper and lower contact at 25-30 deg to CA, meaning sub-vertical to true dip.
K-10-146	62.00	110.00	48.00	Typical south zone monzonite. Rare, <1 m andesite dykes. Strong kspar alteration. Trace epidote altn and trace hematite along fractures and veins. Narrow intervals of silica+pyrite flooding, <0.5 m, comprising <10% of rock overall. Trace cpy with rare coarse blebs and rare Mo associated within silica+py flooded intervals and along qtz veins. 1-3% grey quartz and white qtz+calcite veins. 2-3% pyrite overall. From 78-90 m, there is more silica flooding and an increase in grade with ~0.5% cpy overall. From 105-7 to 106.8, intense sil+py flooding, only trace cpy though.
K-10-146	110.00	156.50	46.50	Monzonite with 10s of cm to 1-3 m intervals of pervasive silica flooding + pyrite ± cpy overprinting strong k-spar alteration. Trace-1 % cpy as fine disseminations, with local cm size clots up to ~10-15% as clusters and blebs. 3-5% py as fine crystals, veinlets, and larger clusters, with local cm sized clots up to ~10-20%. 3-5% dominantly qtz, and secondary qtz+ calcite veining, 1-2mm up to 1-2 cm in thickness associated with silica flooding; 1-3% elsewhere. Zones of tectonic brecciation observed of up to 40 cm.
K-10-146	156.50	191.30	34.80	Monzonite with less silica alteration +py and cpy. Strong k-spar alteration, and moderate to strong chloritization. Trace to weak epidote alteration. Secondary bio locally associated with K-spar alt. Narrow zones of silica flooding +py +cpy over 10s of cms. 3-5% py as fine dissemination, clusters and veins up to 5mm thick. Generally tr-1% cpy with local cm sized clots associated with silica flooding + py. Dominantly qtz+ calcite and secondary qtz veining with potassic alt halos. Rare andesite and feldspar porphyry dykes up to 20cm. Rare tectonic breccia of up to 25cm.
K-10-146	191.30	200.65	9.35	Diorite. Fine to medium grained feldspar porphyry dyke. Weak to moderate k-spar, and epidote alteration, but patchy and discontinuous. 2-3% py as fine dissemination, clusters and veins up to 2-3mm. Trace to >0.5% cpy as clusters commonly with chlorite, 1-2% qtz +calcite veining. Upper and lower contacts sharp @ ~55°, and ~70° tca respectively.
K-146	200.65	240.20	39.55	South zone monzonite, litho as above monzonite. Strongly mineralized. Pervasive, strong to intense sil+py+/-chlorite alteration. Common kspar+secondary biotite along veins and within narrow patches. 4-6% py. 1-2% cpy overall, occurring as blebs and disseminations within sil+py flooded intvls. Up to cm sized clots. Trace Mo.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
	240.20	292.70	39.55	Monzonite similar to above, but with a decrease in the abundance of cpy and py. Trace cpy, likely ~0.3-0.5% and ~3 to 5% py throughout. Rare Mo associated with qtz veins. From 278.6 to 292.7, Intensely alt monzonite? or possibly a dioritic intrusion; drak black in colour with stong magnetite minz commonly observed selvaging cpy +py .Cpy tr to >1% and 2-3% py. Minor epidote alteration. Rare andesite dykes of up to 50 cm. Minor brecciation. 1-3% qtz and calcite veins.
K-10-146	292.70	337.35	39.55	Monzonite litho as above. Strong k-spar alt. with shorter 10s of cm zones of silica+chl+py alteration and weak sericite alt. Trace cpy, and 2-3% py. Trace Mo. 2-3% qtz and secondary qtz+calcite veins.
K-10-146	337.35	374.49	37.14	Monzonite litho as above. Dominantly strong k-spar alt. with narrow zones of silica +chl+py alt., but less frequent then above. moderate to strong epidote alteration, but sporadic. Trace cpy and 1-3% py. Slight increase in visible Mo, tr to >0.5% observed fringing qtz veins. Dominantely 1-4% qtz, and secondary qtz+calcite veins. ~50 cm of tectonic breccia/ fault breccia from 360.4 to 360.9 m.
K-10-146	374.49	377.44	2.95	Feldspar prophyry dyke with ~0.5 >1% py. Weak chloritization and epodite alteration. ~40 cm interval of monzonite with tr cpy from 376.5-376.9 m.
K-10-146	377.44	394.10	16.66	Monzonite litho as above with strong k-spar alteration. Moderate to strong propylitic alteration, but patchy. Narrow usually >10cm of epodite+py bands and 0.5-1 cm layers of chl+py. 2-3% py, locally 5-7% as cm sized clots, and tr cpy. Tr to >0.5% Mo commonly associated with qtz veins and lenses; rarely observed along fractures. 1-3 mm of massive Mo observed on fracture @ 385.5 m. ~60 cm of hydrothermal breccia from 390.9 to 391.5 m with strong hematite along fractures, and epidote alt. 5-7% py and tr to >0.5% cpy. 1-2% qtz and secondary qtz+calcite veins.
K-10-146	394.10	425.60	31.50	Monzonite litho as above with strong to intense k-spar alteration. 2-3% py, and cpy as fine dissemination, clusters and blebs with rare cpy cm sized cloths. Trace Mo. Hematite common along fractures. Narrow zones of tecontic breccia observed up to ~30 cm. 1-2% qtz veins with minor calcite.
K-10-146	425.60	453.34	27.74	Monzonite litho as above. Dominantely strong porpylitc (chlorite+epidote) alteration, overprinting weak to moderate k-spar alt. 2-3% py, and tr cpy and Mo. 1-2% qtz veins with minor calcite.
K-10-146	453.34	455.00	1.66	Andesite Dyke. Dark green and fine grained, with 1-2% py. Sharp upper contact @~45° tca. lower contact gradational over 10cms of cms. Mixed with bands and lenses of monzonite. Hematite common along fractures. 1% calcite veins.
K-10-146	455.00	484.02	29.02	Monzonite similar to above, but with strong k-spar alteration and patchy weak to moderate propylitic alt. 1-2% py and tr cpy. Locally 0.5% cpy associated with qtz flooding and shearing.
			EOH	

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-146	58.52	59.10	0.58	15790	MON	POT				s		tr		3	0.5			Q, Q+C	2-3
K-10-146	59.10	62.00	2.90	15791	ANDK	PROP	SER	m	m			tr		1				Q, Q+C	3-4
K-10-146	62.00	64.00	2.00	15792	MON	POT	SER			s		tr		3	0.5			Q, Q+C	2-3
K-10-146	64.00	66.00	2.00	15793	MON	POT				s		tr		3	tr			Q, Q+C	2-3
K-10-146	66.00	68.00	2.00	15794	MON	POT				s		tr		2	0.5			Q, Q+C	3-4
K-10-146	68.00	70.00	2.00	15795	MON	POT				s		tr		3	tr			Q, Q+C	3-4
K-10-146	70.00	72.00	2.00	15796	MON	POT				s		tr		3	tr			Q, Q+C	2-3
K-10-146	72.00	74.00	2.00	15797	MON	POT				s		tr		2	0.5			Q, Q+C	3-4
K-10-146	74.00	76.00	2.00	15798	MON	POT				s		tr		3	tr			Q, Q+C	2-3
K-10-146	76.00	78.00	2.00	15799	MON	POT				s		tr		3	0.5			Q, Q+C	2-3
K-10-146	78.00	80.00	2.00	15801	MON	POT	SIL			s		tr		4	1.0			Q, Q+C	3-4
K-10-146	80.00	82.00	2.00	15802	MON	POT	SIL			s		tr		2	tr			Q, Q+C	2-3
K-10-146	82.00	84.00	2.00	15803	MON	POT				s		tr		2	tr			Q, Q+C	2-3
K-10-146	84.00	86.00	2.00	15804	MON	POT	SIL			s		tr		3	tr			Q, Q+C	3-4
K-10-146	86.00	88.00	2.00	15805	MON	POT				s		tr		2	0.5		tr	Q, Q+C	2-3
K-10-146	88.00	90.00	2.00	15806	MON	POT				s		tr		2	0.5			Q, Q+C	2-3
K-10-146	90.00	92.00	2.00	15807	MON	POT				s		tr		2	tr		tr	Q, Q+C	3-4
K-10-146	92.00	94.00	2.00	15808	MON	POT				s		tr		2	tr			Q, Q+C	2-3
K-10-146	94.00	96.00	2.00	15809	MON	POT				s		tr		2				Q, Q+C	2-3
K-10-146	96.00	98.00	2.00	15810	MON	POT				s		tr		1				Q, Q+C	2-3
K-10-146	98.00	100.00	2.00	15811	MON	POT	SIL			s		tr		3	tr			Q, Q+C	2-3
K-10-146	100.00	102.00	2.00	15812	MON	POT				s		tr		2	tr			Q, Q+C	2-3
K-10-146	102.00	104.00	2.00	15813	MON	POT				s		tr		1				Q, Q+C	2-3
K-10-146	104.00	106.00	2.00	15814	MON	POT	SIL			s		tr		4	tr			Q, Q+C	2-3
K-10-146	106.00	108.00	2.00	15816	MON	SIL	POT			s		tr		3	tr			Q, Q+C	2-3
K-10-146	108.00	110.00	2.00	15817	MON	POT				s		tr		2				Q, Q+C	2-3
K-10-146	110.00	112.00	2.00	15818	MON	SIL				s		tr		3	tr			Q, Q+C	1-2
K-10-146	112.00	114.00	2.00	15819	MON	POT	SIL			s		tr		3	tr			Q, Q+C	1-2
K-10-146	114.00	116.00	2.00	15820	MON	SIL	POT			s		tr		3	tr			Q, Q+C	1-2
K-10-146	116.00	118.00	2.00	15821	MON	SIL	POT			s		tr		5	0.5			Q, Q+C	3-4
K-10-146	118.00	120.00	2.00	15822	MON	SIL	POT			s		tr		2	tr			Q, Q+C	3-4
K-10-146	120.00	122.00	2.00	15823	MON	SIL	POT			s		tr		3	tr			Q, Q+C	2-3
K-10-146	122.00	124.00	2.00	15824	MON	SIL	POT			s				5	0.5			Q, Q+C	2-3
K-10-146	124.00	126.00	2.00	15825	MON	SIL	POT			s				4	tr			Q, Q+C	1-2
K-10-146	126.00	128.00	2.00	15826	MON	POT	SIL			s		tr		2	tr			Q, Q+C	1-2
K-10-146	128.00	130.00	2.00	15827	MON	SIL	POT			s		tr		7	tr			Q, Q+C	2-3
K-10-146	130.00	132.00	2.00	15828	MON	POT	SIL			s				2	tr			Q, Q+C	2-3
K-10-146	132.00	134.00	2.00	15829	MON	POT	SIL			s				2	tr			Q, Q+C	1-2
K-10-146	134.00	136.00	2.00	15831	MON	SIL	POT			s		tr		3	tr			Q, Q+C	2-3
K-10-146	136.00	138.00	2.00	15832	MON	SIL				s		tr		3	tr			Q, Q+C	2-3
K-10-146	138.00	140.00	2.00	15833	MON	SIL	PY			s				7	tr			Q, Q+C	2-3
K-10-146	140.00	142.00	2.00	15834	MON	SIL	PY			s				7	tr			Q, Q+C	2-3
K-10-146	142.00	144.00	2.00	15835	MON	SIL	PY			s				10	tr			Q, Q+C	1-2
K-10-146	144.00	146.00	2.00	15836	MON	SIL	POT			s		tr		3	tr			Q, Q+C	1-2

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-146	146.00	148.00	2.00	15837	MON	POT	SIL			s		tr		2				Q, Q+C	1-2
K-10-146	148.00	150.00	2.00	15838	MON	POT	SIL			s		tr		1				Q, Q+C	1-2
K-10-146	150.00	152.00	2.00	15839	MON	SIL	PY			s		tr		10	tr			Q, Q+C	1-2
K-10-146	152.00	154.00	2.00	15840	MON	POT	SIL			s		tr		3	tr			Q, Q+C	1-2
K-10-146	154.00	156.50	2.50	15841	MON	POT	SIL			s		tr		3	tr			Q, Q+C	1-2
K-10-146	156.50	158.00	1.50	15842	MON	POT	SIL			s		tr		2	tr			Q, Q+C	1-2
K-10-146	158.00	160.00	2.00	15843	MON	POT				s				3	tr			Q, Q+C	1-2
K-10-146	160.00	162.00	2.00	15844	MON	POT				s				3	tr			Q+C, Q	1-2
K-10-146	162.00	164.00	2.00	15846	MON	POT	CPY			s				3	4			Q+C, Q	1-2
K-10-146	164.00	166.00	2.00	15847	MON	POT				s				2	tr			Q+C, Q	2-3
K-10-146	166.00	168.00	2.00	15848	MON	POT				s				3	tr			Q+C, Q	2-3
K-10-146	168.00	170.00	2.00	15849	MON	POT				s				3	tr			Q+C, Q	2-3
K-10-146	170.00	172.00	2.00	15850	MON	POT	SIL			s				3	2			Q+C, Q	2-3
K-10-146	172.00	174.00	2.00	15851	MON	POT				s				3	tr			Q+C, Q	1-2
K-10-146	174.00	176.00	2.00	15852	MON	POT				s				2				Q+C, Q	1-2
K-10-146	176.00	178.00	2.00	15853	MON	POT	SIL			s				3	tr			Q+C, Q	1-2
K-10-146	178.00	180.00	2.00	15854	MON	POT	SIL			s				3	2			Q+C, Q	1-2
K-10-146	180.00	182.00	2.00	15855	MON	POT	SIL			s				3	tr			Q+C, Q	1-2
K-10-146	182.00	184.00	2.00	15856	MON	POT	SIL			s				3	1.5			Q+C, Q	2-3
K-10-146	184.00	186.00	2.00	15857	MON	POT				s				2				Q+C, Q	1-2
K-10-146	186.00	188.00	2.00	15858	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-146	188.00	190.00	2.00	15859	MON	POT	SIL			s				3	tr			Q+C, Q	1-2
K-10-146	190.00	191.30	1.30	15861	MON	POT	SIL			s		tr		2				Q+C, Q	1-2
K-10-146	191.30	194.00	2.70	15862	DIO	POT		w		s		tr		2	tr			Q+C, Q	1-2
K-10-146	194.00	196.00	2.00	15863	DIO	POT		w		w				2				Q+C, Q	1-2
K-10-146	196.00	198.00	2.00	15864	DIO	POT		w		w		tr		2				Q+C, Q	2-3
K-10-146	198.00	200.65	2.65	15865	DIO	POT		w		w		tr		2				Q+C, Q	2-3
K-10-146	200.65	202.00	1.35	15866	MON	SIL	POT			w		tr		2				Q+C, Q	1-2
K-10-146	202.00	204.00	2.00	15867	MON	SIL	POT			s		tr		2	0.5			Q, Q+C	1-2
K-10-146	204.00	206.00	2.00	15868	MON	SIL	POT			s		tr		2	tr			Q, Q+C	1-2
K-10-146	206.00	208.00	2.00	15869	MON	SIL	POT			s		tr		2	tr			Q, Q+C	1-2
K-10-146	208.00	210.00	2.00	15870	MON	POT	SIL			s		tr		3	tr			Q, Q+C	1-2
K-10-146	210.00	212.00	2.00	15871	MON	SIL	POT			s		tr		5	1.5			Q, Q+C	1-2
K-10-146	212.00	214.00	2.00	15872	MON	SIL	POT			s		tr		4	1.0			Q, Q+C	2-3
K-10-146	214.00	216.00	2.00	15873	MON	SIL	POT			s		tr		6	3.0			Q, Q+C	2-3
K-10-146	216.00	218.00	2.00	15874	MON	SIL	POT			s		tr		4	2.0			Q, Q+C	2-3
K-10-146	218.00	220.00	2.00	15876	MON	SIL	POT			s		tr		3	1.5			Q, Q+C	2-3
K-10-146	220.00	222.00	2.00	15877	MON	SIL	POT			s		tr		4	3.0			Q, Q+C	2-3
K-10-146	222.00	224.00	2.00	15878	MON	SIL	POT			s		tr		4	2.0			Q, Q+C	2-3
K-10-146	224.00	226.00	2.00	15879	MON	SIL	POT			s		tr		5	2.0		tr	Q, Q+C	2-3
K-10-146	226.00	228.00	2.00	15880	MON	SIL	POT			s		tr		4	2.0			Q, Q+C	2-3
K-10-146	228.00	230.00	2.00	15881	MON	SIL	POT			s		tr		5	1.0			Q, Q+C	2-3
K-10-146	230.00	232.00	2.00	15882	MON	SIL	POT			s		tr		4	2.0			Q, Q+C	2-3
K-10-146	232.00	234.00	2.00	15883	MON	SIL	POT			s		tr		4	1.0			Q, Q+C	2-3

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-146	234.00	236.00	2.00	15884	MON	SIL	POT			s		tr		6	0.5			Q, Q+C	2-3
K-10-146	236.00	238.00	2.00	15885	MON	SIL	POT			s		tr		6	1.5			Q, Q+C	2-3
K-10-146	238.00	240.20	2.20	15886	MON	SIL	POT			s		tr		5	1.0		tr	Q, Q+C	2-3
K-10-146	240.20	242.00	1.80	15887	MON	SIL	POT			s		tr		4	tr			Q, Q+C	2-3
K-10-146	242.00	244.00	2.00	15888	MON	SIL	POT			s		tr		3	0.5			Q, Q+C	2-3
K-10-146	244.00	246.00	2.00	15889	MON	SIL	POT			s		tr		4	tr			Q, Q+C	2-3
K-10-146	246.00	248.00	2.00	15891	MON	SIL	POT			s		tr		3	tr			Q, Q+C	2-3
K-10-146	248.00	250.00	2.00	15892	MON	SIL	POT			s		tr		5	tr			Q, Q+C	2-3
K-10-146	250.00	252.00	2.00	15893	MON	SIL	POT			s		tr		5	0.5			Q, Q+C	2-3
K-10-146	252.00	254.00	2.00	15894	MON	SIL	POT			s		tr		5	tr			Q, Q+C	2-3
K-10-146	254.00	256.00	2.00	15895	MON	SIL	POT			s		tr		5	0.5			Q, Q+C	2-3
K-10-146	256.00	258.00	2.00	15896	MON	SIL	POT			s		tr		6	tr			Q, Q+C	2-3
K-10-146	258.00	260.00	2.00	15897	MON	SIL	POT			s		tr		6	tr			Q, Q+C	2-3
K-10-146	260.00	262.00	2.00	15898	MON	SIL	POT			s		tr		4	tr			Q, Q+C	2-3
K-10-146	262.00	264.00	2.00	15899	MON	SIL	POT			s		tr		6	tr			Q, Q+C	1-2
K-10-146	264.00	266.00	2.00	15900	MON	SIL	POT			s		tr		4	tr			Q, Q+C	1-2
K-10-146	266.00	268.00	2.00	15901	MON	SIL	POT			s		tr		3	tr			Q, Q+C	1-2
K-10-146	268.00	270.00	2.00	15902	MON	SIL	POT			s		tr		5	tr			Q, Q+C	1-2
K-10-146	270.00	272.00	2.00	15903	MON	POT	SIL			s		tr		3	tr			Q, Q+C	1-2
K-10-146	272.00	274.00	2.00	15904	MON	POT	SIL			s		tr		4	tr			Q, Q+C	1-2
K-10-146	274.00	276.00	2.00	15906	MON	POT	SIL			s		tr		4	0.5			Q, Q+C	1-2
K-10-146	276.00	278.00	2.00	15907	MON	POT	SIL			s		tr		5	tr			Q, Q+C	1-2
K-10-146	278.00	280.00	2.00	15908	MON	POT	SIL			s		tr		5	tr			Q, Q+C	1-2
K-10-146	280.00	282.00	2.00	15909	MON	SIL						tr		3	tr			Q, Q+C	1-2
K-10-146	282.00	284.00	2.00	15910	MON	MT						tr	s	4	1.0			Q, Q+C	1-2
K-10-146	284.00	286.00	2.00	15911	MON	MT						tr	s	3	1.0			Q, Q+C	1-2
K-10-146	286.00	288.00	2.00	15912	MON	MT						tr	s	5	1.0			Q, Q+C	1-2
K-10-146	288.00	290.00	2.00	15913	MON	MT						tr	s	4	1.0			Q, Q+C	1-2
K-10-146	290.00	292.00	2.00	15914	MON	MT						tr	s	3	1.0			Q, Q+C	1-2
K-10-146	292.00	294.00	2.00	15915	MON	POT	SIL			s		tr		3	tr			Q, Q+C	1-2
K-10-146	294.00	296.00	2.00	15916	MON	POT	SIL			s		tr		3	tr			Q, Q+C	1-2
K-10-146	296.00	298.90	2.90	15917	MON	POT	SIL			s				3	0.5			Q, Q+C	1-2
K-10-146	298.90	300.00	1.10	15918	MON	POT	SIL			s				2	tr			Q, Q+C	1-2
K-10-146	300.00	302.00	2.00	15919	MON	POT	SIL			s				2	tr			Q, Q+C	1-2
K-10-146	302.00	304.00	2.00	15921	MON	POT	SIL			s				2	tr			Q, Q+C	1-2
K-10-146	304.00	306.00	2.00	15922	MON	POT	SIL			s				2				Q, Q+C	2-3
K-10-146	306.00	308.00	2.00	15923	MON	POT	SIL			s				2				Q, Q+C	2-3
K-10-146	308.00	310.00	2.00	15924	MON	POT	SIL			s				3	tr			Q, Q+C	2-3
K-10-146	310.00	312.00	2.00	15925	MON	POT	SIL			s				3	tr			Q, Q+C	2-3
K-10-146	312.00	314.00	2.00	15926	MON	POT	SIL			s		tr		3	tr			Q, Q+C	2-3
K-10-146	314.00	316.00	2.00	15927	MON	POT	SIL			s		tr		2				Q, Q+C	2-3
K-10-146	316.00	318.00	2.00	15928	MON	POT	SIL			s		tr		3				Q, Q+C	2-3
K-10-146	318.00	320.00	2.00	15929	MON	POT	SIL			s		tr		2				Q, Q+C	2-3
K-10-146	320.00	322.00	2.00	15930	MON	POT	SIL			s		tr		3	tr			Q, Q+C	1-2

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-146	322.00	324.00	2.00	15931	MON	POT	SIL			s		tr		2				Q, Q+C	1-2
K-10-146	324.00	326.00	2.00	15932	MON	POT	SIL			s		tr		3	tr			Q, Q+C	1-2
K-10-146	326.00	328.00	2.00	15933	MON	POT	SIL			s		tr		2				Q, Q+C	1-2
K-10-146	328.00	330.00	2.00	15934	MON	POT	SIL			s		tr		3	tr			Q, Q+C	1-2
K-10-146	330.00	332.00	2.00	15936	MON	POT	SIL			s		tr		2	tr		tr	Q, Q+C	1-2
K-10-146	332.00	334.00	2.00	15937	MON	POT	SIL			s				2				Q, Q+C	1-2
K-10-146	334.00	336.00	2.00	15938	MON	POT	SIL			s				2	tr			Q, Q+C	2-3
K-10-146	336.00	337.35	1.35	15939	MON	POT	SIL			s				2				Q, Q+C	3-4
K-10-146	337.35	340.00	2.65	15940	MON	POT	SIL			s				3	tr		tr	Q, Q+C	2-3
K-10-146	340.00	342.00	2.00	15941	MON	POT	SIL			s				3	tr			Q, Q+C	1-2
K-10-146	342.00	344.00	2.00	15942	MON	POT	SIL			s				2			tr	Q, Q+C	1-2
K-10-146	344.00	346.00	2.00	15943	MON	POT	SIL			s				4	tr			Q, Q+C	1-2
K-10-146	346.00	348.00	2.00	15944	MON	POT	SIL			s		tr		1				Q, Q+C	1-2
K-10-146	348.00	350.00	2.00	15945	MON	POT				s		tr		2			tr	Q, Q+C	1-2
K-10-146	350.00	352.00	2.00	15946	MON	POT				s		tr		3	tr			Q, Q+C	1-2
K-10-146	352.00	354.00	2.00	15947	MON	POT				s		tr		2				Q, Q+C	1-2
K-10-146	354.00	356.00	2.00	15948	MON	POT				s		tr		2	tr		tr	Q, Q+C	1-2
K-10-146	356.00	358.00	2.00	15949	MON	POT				s		tr		2				Q, Q+C	1-2
K-10-146	358.00	360.00	2.00	15951	MON	POT				s		tr		1				Q, Q+C	1-2
K-10-146	360.00	362.00	2.00	15952	MON	POT				s		tr		1				Q, Q+C	1-2
K-10-146	362.00	364.00	2.00	15953	MON	POT				s				1				Q, Q+C	1-2
K-10-146	364.00	366.00	2.00	15954	MON	POT				s				1			tr	Q, Q+C	1-2
K-10-146	366.00	368.00	2.00	15955	MON	POT				s				2	tr		tr	Q, Q+C	1-2
K-10-146	368.00	370.00	2.00	15956	MON	POT				s				2				Q, Q+C	1-2
K-10-146	370.00	372.00	2.00	15957	MON	POT				s				1				Q, Q+C	1-2
K-10-146	372.00	374.00	2.00	15958	MON	POT				s				1	tr			Q, Q+C	1-2
K-10-146	374.00	376.00	2.00	15959	FPY	POT				s				1			tr	Q, Q+C	1-2
K-10-146	376.00	378.00	2.00	15960	FPY	POT				s				2	tr			Q, Q+C	1-2
K-10-146	378.00	380.00	2.00	15961	MON	POT				s		tr		2				Q, Q+C	1-2
K-10-146	380.00	382.00	2.00	15962	MON	POT		tr		s		tr		3			tr	Q, Q+C	1-2
K-10-146	382.00	384.00	2.00	15963	MON	POT		tr		s		tr		4	tr		0.1	Q, Q+C	1-2
K-10-146	384.00	386.00	2.00	15964	MON	POT	SER	tr	m	s		tr		3	tr		0.5	Q, Q+C	1-2
K-10-146	386.00	388.00	2.00	15966	MON	POT		tr		s		tr		3	tr		tr	Q, Q+C	1-2
K-10-146	388.00	390.00	2.00	15967	MON	POT		tr		s		tr		3	tr		tr	Q, Q+C	1-2
K-10-146	390.00	392.00	2.00	15968	MON	POT		tr		s		tr		4	tr		tr	Q, Q+C	1-2
K-10-146	392.00	394.10	2.10	15969	MON	POT		tr		s		tr		7	0.5		tr	Q, Q+C	1-2
K-10-146	394.10	396.00	1.90	15970	MON	POT				s		m		4	2.0		tr	Q, Q+C	1-2
K-10-146	396.00	398.00	2.00	15971	MON	POT				s		m		4	1.5		tr	Q, Q+C	1-2
K-10-146	398.00	400.00	2.00	15972	MON	POT				s		w		3	0.5		tr	Q, Q+A	2-3
K-10-146	400.00	402.00	2.00	15973	MON	POT				s		w		3	1.5		tr	Q, Q+A	2-3
K-10-146	402.00	404.00	2.00	15974	MON	POT				s		w		2	0.5		tr	Q, Q+A	2-3
K-10-146	404.00	406.00	2.00	15975	MON	POT				s		w		4	1.0		tr	Q, Q+A	2-3
K-10-146	406.00	408.00	2.00	15976	MON	POT				s		w		2	3.0		tr	Q, Q+A	2-3
K-10-146	408.00	410.00	2.00	15977	MON	POT			w	s		w		3	2.0		tr	Q, Q+A	5

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-146	410.00	412.00	2.00	15978	MON	POT			w	s		w		3	0.5		tr	Q, Q+A	2-3
K-10-146	412.00	414.00	2.00	15979	MON	POT				s		w		2	1.5		tr	Q, Q+A	2-3
K-10-146	414.00	416.00	2.00	15981	MON	POT				s		w		2	4.0		tr	Q, Q+A	2-3
K-10-146	416.00	418.00	2.00	15982	MON	POT				s		w		3	2.0		tr	Q, Q+A	2-3
K-10-146	418.00	420.00	2.00	15983	MON	POT				s		w		3	tr		tr	Q, Q+A	2-3
K-10-146	420.00	422.00	2.00	15984	MON	POT				s		w		3	2.0		tr	Q, Q+A	2-3
K-10-146	422.00	424.00	2.00	15985	MON	POT				s		w		4	1.5		tr	Q, Q+A	2-3
K-10-146	424.00	425.60	1.60	15986	MON	POT				s		w		4	1.0		tr	Q, Q+C	2-3
K-10-147	425.60	428.00	2.40	15987	MON	PROP		m-s		w-m		tr		3	tr			Q, Q+C	2-3
K-10-148	428.00	430.00	2.00	15988	MON	PROP		m-s		w-m		tr		3	tr			Q, Q+C	2-3
K-10-149	430.00	432.00	2.00	15989	MON	PROP		m-s		w-m		tr		3	tr			Q, Q+C	2-3
K-10-150	432.00	434.00	2.00	15990	MON	PROP		m-s		w-m		tr		3	tr			Q, Q+C	2-3
K-10-151	434.00	436.00	2.00	15991	MON	PROP		m-s		w-m		tr		3	tr		tr	Q, Q+C	2-3
K-10-152	436.00	438.00	2.00	15992	MON	PROP		m-s		w-m		tr		3	tr			Q, Q+C	2-3
K-10-153	438.00	440.00	2.00	15993	MON	PROP		m-s		w-m		tr		3	tr			Q, Q+C	2-3
K-10-154	440.00	442.00	2.00	15994	MON	PROP		m-s		w-m		tr		3	tr		tr	Q, Q+C	2-3
K-10-155	442.00	444.00	2.00	15995	MON	PROP		m-s		w-m		tr		3	tr			Q, Q+C	2-3
K-10-156	444.00	446.00	2.00	15996	MON	PROP		m-s		w-m		tr		3	tr		tr	Q, Q+C	2-3
K-10-157	446.00	448.00	2.00	15997	MON	PROP		m-s		w-m		tr		3	tr		tr	Q, Q+C	2-3
K-10-158	448.00	450.00	2.00	15998	MON	PROP		m-s		w-m		tr		3	tr			Q, Q+C	2-3
K-10-159	450.00	452.00	2.00	15999	MON	PROP		m-s		w-m		tr		3	tr			Q, Q+C	2-3
K-10-160	452.00	453.34	2.00	16000	MON	PROP		m-s		w-m		tr		3	tr			Q, Q+C	2-3
K-10-146	452.00	453.35	1.35	16001	MON	PROP		w				tr		1				Q, Q+C	2-3
K-10-146	453.35	455.00	1.65	16002	ANDK									2				Q, Q+C	2-3
K-10-146	455.00	456.00	1.00	16003	MON	PROP		w				tr		1				Q, Q+C	1-2
K-10-146	456.00	458.00	2.00	16004	MON	PROP		w				tr		1				Q, Q+C	1-2
K-10-146	458.00	460.00	2.00	16005	MON	PROP		w				tr		2	0.5			Q, Q+C	1-2
K-10-146	460.00	462.00	2.00	16006	MON	PROP		w				tr		2				Q, Q+C	1-2
K-10-146	462.00	464.00	2.00	16007	MON	PROP		w				tr	tr	2	tr			Q, Q+C	1-2
K-10-146	464.00	466.00	2.00	16008	MON	PROP		w				tr		1	tr			Q, Q+C	1-2
K-10-146	466.00	468.00	2.00	16009	MON	PROP		w				tr		1				Q, Q+C	1-2
K-10-146	468.00	470.00	2.00	16011	MON	PROP		w				tr		1				Q, Q+C	1-2
K-10-146	470.00	472.00	2.00	16012	MON	PROP		w				tr		1				Q, Q+C	1-2
K-10-146	472.00	474.00	2.00	16013	MON	PROP		w				tr		1				Q, Q+C	1-2
K-10-146	474.00	476.00	2.00	16014	MON	PROP		w				tr		1				Q, Q+C	1-2
K-10-146	476.00	478.00	2.00	16015	MON	PROP		w				tr		1	tr			Q, Q+C	1-2
K-10-146	478.00	480.00	2.00	16016	MON	PROP		w				tr		1	tr			Q, Q+C	1-2
K-10-146	480.00	482.00	2.00	16017	MON	PROP		w				tr		1				Q, Q+C	1-2
K-10-146	482.00	484.02	2.02	16018	MON	PROP		w				tr		1				Q, Q+C	1-2

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-147	0.00	24.38	24.38	Casing/Overburden
K-10-147	24.38	27.15	2.77	Monzonite, strongly brecciated, strongly mineralized. Intense silica+biotite+pyrite+/-magnetite alteration, with magnetite commonly replaced by hematite. 5-7% pyrite, 1-2% cpy along hematite (after magnetite?) veins, and also as dissems with sil+py.
K-10-147	27.15	37.20	10.05	Monzonite. Same litho as above but decrease in altn. Strong k-spar>sericite alteration with narrow, patchy sil+py and patchy chlorite altn. The entire hole from here on is likely nearly down dip of a fault zone, until ~140 m, where it appears the footwall is encountered.
K-10-147	37.20	39.30	2.10	Andesite dyke. Strongly brecciated with faulted upper and lower contacts marked by clay gouge and rubbly core. Breccia healed with calcite>qtz veins with hematite along fractures.
K-10-147	39.30	49.05	9.75	Monzonite. Same litho as above. Pervasive k-spar alteration. Sericite altn along fractures and vein halos. 1-3% grey qtz veins with hematite along selvages and along fractures.
K-10-147	49.05	53.60	4.55	Andesite dyke. Strongly magnetic with faulted upper and lower contacts marked by foliated cataclasites, locally foliated (ie. mylonitic texture). Calcite>qtz veins with hematite along fractures. Disseminated cpy, ~0.5%.
K-10-147	53.60	67.65	14.05	Monzonite. Same as from 39-49 m.
K-10-147	67.65	78.55	10.90	Mineralized monzonite breccia. Strong to intense sil+ser+py alteration. Similar alteration and litho as in K-116 and top of K-138. Alteration overprints earlier k-spar. Trace Mo along fractures and within qtz veins.
K-10-147	78.55	114.60	36.05	Monzonite. Same litho as above. Pervasive, strong to intense k-spar alteration. Sericite altn along fractures and vein halos. 2-4% veined and disseminated py. 1-3% grey qtz veins with hematite along selvages and along fractures. Below 100 m, increase in sericite alteration with pervasive weak to strong sericite overprinting k-spar altn.
K-10-147	114.60	118.00	3.40	Mo mineralized monzonite. Strongly qtz veined interval with 0.1% Mo along whitish grey qtz vein selvages. Evidence of veining parallel to CA, indicating sub-vertical structures. Cpy clots along one vein. Enargite or chalcocite rimming cpy.
K-10-147	118.00	141.25	23.25	Monzonite. As above monzonite. Pervasive weak to strong, patchy sericite altn overprinting potassic. This entire interval appears to be drilling down dip of a large structure, perhaps the start of the east fault zone.
K-10-147	141.25	160.20	18.95	Monzonite. Same litho as above, but different alteration. Perhaps moving away from the fault zone (suggesting east dipping fault, drilling into footwall). Pervasive strong k-spar> to >> hematite alteration. Patchy sil+py flooding and sericite along fractures. 1-3% disseminated and veined pyrite. rare Mo along grey qtz vein selvages.
K-10-147	160.20	167.70	7.50	As above, but with increase in sil+py alteration. Trace to 1% pyrite associated with veined and fracture controlled pyrite. Trace Mo along qtz vein selvages, occurring with pyrite.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-147	167.70	187.00	19.30	Monzonite. Pervasive strong kspar> to >> hematite alteration. Very rare, patchy sil+py flooding and sericite along fractures. 1-3% disseminated and veined pyrite. rare Mo along grey qtz vein selvages.
K-10-147	187.00	197.80	10.80	Monzonite. Similar to above, but pervasive, texture destructive kspar>>hematite alteration, obliterating all primary textures. Rare Mo along fractures.
K-10-147	197.80	234.39	36.59	Monzonite in fault zone. Pervasive, texture destructive pink kspar flooding, + patchy sericite alteration. Several broken and tectonically brecciated intervals. Rare, narrow sil+py+ser altered intervals. Slight decrease in pinkish kspar after 223.10 m.
		EOH		

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-147	24.38	27.15	2.77	538001	MON	SIL	POT		m-s			w	w	5	1.5			Q	5
K-10-147	27.15	29.00	1.85	538002	MON	POT			w	m		tr		4				Q+C	2-3
K-10-147	29.00	31.00	2.00	538003	MON	POT			w	m		tr		3				Q+C	2-3
K-10-147	31.00	33.00	2.00	538004	MON	POT			w	m		tr		3				Q+C	2-3
K-10-147	33.00	35.00	2.00	538005	MON	POT			w	m		tr		3				Q+C	2-3
K-10-147	35.00	37.20	2.20	538006	MON	POT			w	m		tr		3				Q+C	7
K-10-147	37.20	39.30	2.10	538007	ANDK	PROP		m				w		2				C+Q	5
K-10-147	39.30	41.00	1.70	538008	MON	POT			w	m		tr		2				Q+C	2-3
K-10-147	41.00	43.00	2.00	538009	MON	POT			w	m		tr		2				Q+C	2-3
K-10-147	43.00	45.00	2.00	538010	MON	POT			w	m		tr		2				Q+C	2-3
K-10-147	45.00	47.00	2.00	538011	MON	POT			w	m		tr		2				Q+C	2-3
K-10-147	47.00	49.05	2.05	538012	MON	POT			w	m		tr		2				Q+C	2-3
K-10-147	49.05	51.05	2.00	538013	ANDK	PROP		m				w		2				C+Q	2-3
K-10-147	51.05	53.60	2.55	538014	ANDK	PROP		m				w		3	tr			C+Q	2-3
K-10-147	53.60	55.50	1.90	538016	MON	POT			w	m		tr		4				Q+C	2-3
K-10-147	55.50	57.50	2.00	538017	MON	POT			w	m		tr		3	tr			Q+C	2-3
K-10-147	57.50	59.50	2.00	538018	MON	POT			w	m		tr		3	tr		tr	Q+C	5
K-10-147	59.50	61.50	2.00	538019	MON	POT			w	m		tr		3			tr	Q+C	5
K-10-147	61.50	63.50	2.00	538020	MON	POT			w	m		tr		2				Q+C	2-3
K-10-147	63.50	65.50	2.00	538021	MON	POT			w	m		tr		3				Q+C	2-3
K-10-147	65.50	67.65	2.15	538022	MON	POT	SER		m	m		tr		3			tr	Q+C	2-3
K-10-147	67.65	69.00	1.35	538023	MON	SIL	SER		s	m				3			tr	Q+C	2-3
K-10-147	69.00	71.00	2.00	538024	MON	SIL	SER		s	m				4	tr			Q+C	2-3
K-10-147	71.00	73.00	2.00	538025	MON	SIL	SER		s	m				4	tr		tr	Q+C	2-3
K-10-147	73.00	75.55	2.55	538026	MON	SIL	SER		s	m				6	1.0		tr	Q+C	2-3
K-10-147	75.55	77.00	1.45	538027	MON	SIL	SER		s	m				2				Q+C	2-3
K-10-147	77.00	79.00	2.00	538028	MON	SIL	SER		s	m				2				Q+C	2-3
K-10-147	79.00	81.00	2.00	538029	MON	POT			w-m	s		w		2				Q+C	2-3
K-10-147	81.00	83.00	2.00	538031	MON	POT			w-m	s		w		2				Q+C	2-3
K-10-147	83.00	85.00	2.00	538032	MON	POT	SER		m	s		m		2				Q+C	5
K-10-147	85.00	87.00	2.00	538033	MON	POT			w-m	s		w		2				Q+C	5
K-10-147	87.00	89.00	2.00	538034	MON	POT			w-m	s		w		3				Q,Q+C	2-3
K-10-147	89.00	91.00	2.00	538035	MON	POT			w-m	s		w		3			tr	Q,Q+C	2-3
K-10-147	91.00	93.00	2.00	538036	MON	POT			w-m	s		w		3				Q,Q+C	2-3
K-10-147	93.00	95.00	2.00	538037	MON	POT			w-m	s		w		3			tr	Q,Q+C	2-3
K-10-147	95.00	97.00	2.00	538038	MON	POT			w-m	s		w		3				Q,Q+C	4
K-10-147	97.00	99.00	2.00	538039	MON	POT			w-m	s		w		4				Q,Q+C	4
K-10-147	99.00	101.00	2.00	538040	MON	POT			w-m	s		w		3				Q,Q+C	2-3
K-10-147	101.00	103.00	2.00	538041	MON	POT			w-m	s		w		3				Q,Q+C	2-3
K-10-147	103.00	105.00	2.00	538042	MON	POT			w-m	s		w		2			tr	Q,Q+C	4
K-10-147	105.00	107.00	2.00	538043	MON	POT			w-m	s		w		4			tr	Q,Q+C	2-3
K-10-147	107.00	109.00	2.00	538044	MON	POT			w-m	s		w		3			tr	Q,Q+C	2-3
K-10-147	109.00	111.00	2.00	538046	MON	POT	SER		m-s	s		w		2				Q,Q+C	2-3
K-10-147	111.00	113.00	2.00	538047	MON	POT	SER		m-s	s		w		4				Q,Q+C	2-3
K-10-147	113.00	114.60	1.60	538048	MON	POT	SER		m-s	s		w		2			tr	Q,Q+C	2-3
K-10-147	114.60	116.00	1.40	538049	MON	POT			w	s		tr		3	1.0		0.1	Q,Q+C	15
K-10-147	116.00	118.00	2.00	538050	MON	POT			w	s		tr		4			tr	Q,Q+C	10
K-10-147	118.00	120.00	2.00	538051	MON	POT			m-s	s				2	tr		tr	Q,Q+C	5

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-147	120.00	122.00	2.00	538052	MON	POT	SER		m-s	s				2	tr		0.1	Q,Q+C	5
K-10-147	122.00	124.00	2.00	538053	MON	POT	SER		s	s		tr		2			tr	Q,Q+C	2-4
K-10-147	124.00	126.00	2.00	538054	MON	POT	SER		s	s		tr		2			tr	Q,Q+C	2-4
K-10-147	126.00	128.00	2.00	538055	MON	POT	SER		m-s	s		tr		2			tr	Q+C	2-4
K-10-147	128.00	130.00	2.00	538056	MON	POT	SER		m-s	s		tr		2			tr	Q+C	2-4
K-10-147	130.00	132.00	2.00	538057	MON	POT	SER		m-s	s		tr		2			tr	Q+C	2-4
K-10-147	132.00	134.00	2.00	538058	MON	POT	SER		m-s	s		tr		2			tr	Q+C	2-4
K-10-147	134.00	136.00	2.00	538059	MON	POT	SER		m-s	s		tr		2				Q+C	2-4
K-10-147	136.00	138.00	2.00	538061	MON	POT	SER		m-s	s		tr		2				Q+C	2-4
K-10-147	138.00	141.25	3.25	538062	MON	POT	SER		m-s	s		tr		4	tr			Q+C	2-4
K-10-147	141.25	144.00	2.75	538063	MON	POT			tr	s		w		3				Q+C	2-4
K-10-147	144.00	146.00	2.00	538064	MON	POT			tr	s		w		3				Q+C	2-3
K-10-147	146.00	148.00	2.00	538065	MON	POT			tr	s		w		2				Q+C	2-3
K-10-147	148.00	150.00	2.00	538066	MON	POT			tr	s		w		2				Q+C	2-3
K-10-147	150.00	152.00	2.00	538067	MON	POT			tr	s		w		2				Q+C	2-3
K-10-147	152.00	154.00	2.00	538068	MON	POT			tr	s		w		4				Q+C	2-3
K-10-147	154.00	156.00	2.00	538069	MON	POT			tr	s		w		4				Q+C	2-3
K-10-147	156.00	158.00	2.00	538070	MON	POT			tr	s		w		3				Q+C	2-3
K-10-147	158.00	160.20	2.20	538071	MON	POT			tr	s		w		4			tr	Q+C	2-3
K-10-147	160.20	162.00	1.80	538072	MON	POT	SIL		tr	s		w		4			tr	Q+C	3-5
K-10-147	162.00	164.00	2.00	538073	MON	POT	SIL		tr	s		w		5	tr		tr	Q+C	3-5
K-10-147	164.00	166.00	2.00	538074	MON	POT	SIL		tr	s		w		4	0.5		tr	Q+C	3-5
K-10-147	166.00	167.70	1.70	538076	MON	POT	SIL		tr	s		w		4			tr	Q+C	3-5
K-10-147	167.70	170.00	2.30	538077	MON	POT	SER		w-m	s		tr		3				Q+C	2-3
K-10-147	170.00	172.00	2.00	538078	MON	POT			tr	s		w		2				Q+C	2-3
K-10-147	172.00	174.00	2.00	538079	MON	POT			tr	s		w		2				Q+C	2-3
K-10-147	174.00	176.00	2.00	538080	MON	POT			tr	s		w		2				Q+C	2-3
K-10-147	176.00	178.00	2.00	538081	MON	POT			tr	s		w		2				Q+C	2-3
K-10-147	178.00	180.00	2.00	538082	MON	POT			tr	s		w		2				Q+C	2-3
K-10-147	180.00	182.00	2.00	538083	MON	POT			tr	s		w		2				Q+C	2-3
K-10-147	182.00	184.00	2.00	538084	MON	POT			tr	s		w		2				Q+C	2-3
K-10-147	184.00	187.00	3.00	538085	MON	POT			tr	s		w		2				Q+C	2-3
K-10-147	187.00	189.00	2.00	538086	MON	POT	SER		w-m	s		tr		2				Q+C	2-3
K-10-147	189.00	191.00	2.00	538087	MON	POT	SER		w-m	s		tr		2				Q+C	2-3
K-10-147	191.00	193.00	2.00	538088	MON	POT	SER		w-m	s		tr		2				Q+C	2-3
K-10-147	193.00	195.00	2.00	538089	MON	POT	SER		w-m	s		tr		2				Q+C	2-3
K-10-147	195.00	197.80	2.80	538091	MON	POT	SER		w-m	s		tr		2			tr	Q+C	2-3
K-10-147	197.80	200.00	2.20	538092	MON	POT	SER		s	s				2				Q+C	2-3
K-10-147	200.00	202.00	2.00	538093	MON	POT	SER		s	s				2				Q+C	2-3
K-10-147	202.00	204.00	2.00	538094	MON	POT	SER		s	s				2				Q+C	2-3
K-10-147	204.00	206.00	2.00	538095	MON	POT			w-m	s				2				Q+C	2-3
K-10-147	206.00	208.00	2.00	538096	MON	POT			w-m	s				2				Q+C	2-3
K-10-147	208.00	210.00	2.00	538097	MON	POT			w-m	s				2				Q+C	2-3
K-10-147	210.00	212.00	2.00	538098	MON	POT			w-m	s				2				Q+C	2-3
K-10-147	212.00	214.00	2.00	538099	MON	POT			w-m	s				3				Q+C	2-3
K-10-147	214.00	216.00	2.00	538100	MON	POT			w-m	s				2				Q+C	2-3
K-10-147	216.00	218.00	2.00	538101	MON	POT			w-m	s				2				Q+C	2-3
K-10-147	218.00	220.00	2.00	538102	MON	POT			w-m	s				3				Q+C	2-3

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-147	220.00	222.00	2.00	538103	MON	POT			w-m	s				3				Q+C	2-3
K-10-147	222.00	224.00	2.00	538104	MON	POT			w-m	s				2				Q+C	2-3
K-10-147	224.00	226.00	2.00	538106	MON	POT			w	s		tr		2				Q+C	2-3
K-10-147	226.00	228.00	2.00	538107	MON	POT			w	s		tr		2				Q+C	2-3
K-10-147	228.00	230.00	2.00	538108	MON	POT			w	s		tr		2				Q+C	2-3
K-10-147	230.00	232.00	2.00	538109	MON	POT			w	s		tr		2				Q+C	2-3
K-10-147	232.00	234.39	2.39	538110	MON	POT			w	s		tr		2				Q+C	2-3

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-148	44.19	59.10	14.91	Monzonite. Strong k-spar alteration with weak to moderate, patchy and discontinuous epidote, and chlorite alt. Weak and patchy hematitic alt. observed along fractures. Py generally 1-3% as fine dissemination and clusters. Trace cpy as small blebs, and possibly finely diss. with py. Trace magnetite associated with rare qtz veins+py+cpy. Rare andesitic dykes of up to 20 cm.
K-10-148	59.10	61.80	2.70	Monzonite. Intense silica flooding +py +sericite, and tr cpy. 10-15% fine grained py as thick veins up to 1.5 cm and clusters. Tr to >0.5% hematite and after magnetite.
K-10-148	61.80	83.40	21.60	Monzonite. Similar to (44.19-59.10 m), but no magnetite.
K-10-148	83.40	86.90	3.50	Monzonite. Moderate to strong silica flooding +py +sericite, and tr cpy. 3-5% py as fine diss and clusters. with up to 10-15% as rare bands.
K-10-148	86.90	103.00	16.10	Monzonite. Similar to (44.19-59.10 m), but no magnetite.
K-10-148	103.00	111.10	8.10	Monzonite. Strong k-spar alteration with strong silica flooding +py +sericite, and tr cpy. Generally 5-7% fine to medium grained py, with up to 10-15% as fine diss, veins and clusters. Trace magnetite and chalcocite rimming chalcopyrite?
K-10-148	111.10	144.90	33.80	Monzonite. Similar to (44.19-59.10). Generally 2-3% py as fine diss., and clusters, locally up to 7-10% as rare cm sized clots. Trace to 1% hematite after magnetite associated with qtz veins + py.
K-10-148	144.90	148.15	3.25	Monzonite. Intense silica flooding +py +cpy +sericite. 30-40% fine to medium grained py as thick veins and clusters. 0.5-1% cpy Trace magnetite and chalcocite.
K-10-148	148.15	173.70	25.55	Monzonite. Typical south zone litho. Pervasive, strong k-spar flooding. Narrow patches of silica+sericite+pyrite altn, commonly <50 cm. Local clusters of cpy occurring within sil+ser+py alt zones. Epidote along veins and fractures.
K-10-148	173.70	176.50	2.80	Monzonite. Zone of intense sil+py+chl>magnetite+biotite alteration. 1.5-2% cpy. 10%py.
K-10-148	176.50	184.70	8.20	Monzonite. Same as from 148-173 m. Lower 2 m is strongly sericite altered.
K-10-148	184.70	187.10	2.40	Fault Zone. Intense sericite altered fault zone with clay gouge. Contacts sharp at 35-40 deg to CA,
K-10-148	187.10	223.40	36.30	Monzonite and diorite dyke zone, mixed. Mixed and mottled lithologies with numerous microdiorite dykes, cm to m size. Xenos of monzonite within dykes and vice versa within monzonite. Monzonite has several narrow zones of silica+sericite+pyrite>>cpy mineralization. Diorite dykes are variably k-spar+chlorite altered. Common magnetite assoc with veins and sil+py altn.
K-10-148	223.40	225.05	1.65	Microdiorite Dyke. Variably magnetic, fine grained diorite dyke. Same litho as in mottled zone, just a larger dyke. Strong chlorite alteration, trace hematite, 2-3% pyrite

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-148	225.05	228.05	3.00	Monzonite and diorite dyke zone, mixed. Same as above mixed zone.
K-10-148	228.05	229.35	1.30	Microdiorite Dyke. Same as above MD dyke.
K-10-148	229.35	249.52	20.17	Monzonite and diorite dyke zone, mixed. Same as above mixed zone.
K-10-148	249.52	257.55	8.03	Monzonite Breccia. Unit largely brecciated with clasts of up to 4-5 cm of mon, andesite, and dio. Strong k-spar alt with strong to intense silica +py +cp +mt. Mineralized sections from 10s of cms to ~2-3 m. Generally 5-7% py with tr-1 cpy and tr Mo. Trace-1% magnetite, locally up 5-7% in a ~20cm qtz +py vein @ 252.37 m.
K-10-148	257.55	258.67	257.55	Microdiorite. Same as above.
K-10-148	258.67	261.00	2.33	Monzonite Breccia. Same litho as (249.52 to 257.55m). Strong silica +py +cpy +mt alt. mottling strong k-spar alt. Generally 3-5% py, tr cpy and mt.
K-10-148	261.00	265.65	4.65	Fault Zone. Brecciated with moderate to strong sericite, and clay alteration. Upper and lower contacts gradational.
K-10-148	265.65	325.42	74.71	Monzonite Breccia. Same litho as (249.52 to 257.55m). Strong k-spar, with mod. chl alt. Generally 2-3% py, locally up to 5-7% associated with zones of silica + py +cpy +chl alt up 70 cm, but usually 10s of cm mottling mon. Trace to 1% cpy and tr mt, commonly hematite after mt.
K-10-148	325.42	340.36	14.94	Microdiorite. Grey in colour with phenocrysts of plag and hornblend in a fine grained groundmass. Moderate to strong epidote alteration. Generally 1-2% py as fine diss., veins and clusters. No apparent cpy. 2-4% Q+C veins.
K-10-148	340.36	386.48	46.12	Monzonite Breccia. Same litho as (249.52 to 257.55m). Strong k-spar alteration with sections of weak to moderate sericite alt. up to 2-3m. Weak to moderate hematite and epidote alt., but patchy and discontinuous. Generally 1-3% py as fine diss., veins and clusters. Trace cpy as bleds, and tr Mo along fractures, and rare shreds. Trace to 1% hematite after mt.
	EOH			

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-148	45.10	46.00	0.90	536019	MON	POT						tr		2				Q+C,Q	1-2
K-10-148	46.00	48.00	2.00	536020	MON	POT						tr		2				Q+C,Q	1-2
K-10-148	48.00	50.00	2.00	536021	MON	POT						tr		3				Q+C,Q	1-2
K-10-148	50.00	52.00	2.00	536022	MON	POT						tr		1				Q+C,Q	1-2
K-10-148	52.00	54.00	2.00	536023	MON	POT						tr		2				Q+C,Q	1-2
K-10-148	54.00	56.00	2.00	536024	MON	POT						tr	tr	3	tr			Q+C,Q	1-2
K-10-148	56.00	58.00	2.00	536025	MON	POT						tr		1				Q+C,Q	1-2
K-10-148	58.00	59.10	1.10	536026	MON	POT						tr		1				Q+C,Q	1-2
K-10-148	59.10	61.80	2.70	536027	MON	POT						tr	tr	10	tr			Q+C,Q	1-2
K-10-148	61.80	64.00	2.20	536028	MON	SIL	POT					tr		3				Q+C,Q	1-2
K-10-148	64.00	66.00	2.00	536029	MON	POT						tr		3				Q+C,Q	1-2
K-10-148	66.00	68.00	2.00	536030	MON	POT						tr		3				Q+C,Q	1-2
K-10-148	68.00	70.00	2.00	536031	MON	POT						tr		2				Q+C,Q	1-2
K-10-148	70.00	72.00	2.00	536032	MON	POT						tr		3				Q+C,Q	1-2
K-10-148	72.00	74.00	2.00	536033	MON	POT						tr		1				Q+C,Q	1-2
K-10-148	74.00	76.00	2.00	536034	MON	POT						tr		2				Q+C,Q	1-2
K-10-148	76.00	78.00	2.00	536036	MON	POT						tr		3				Q+C,Q	1-2
K-10-148	78.00	80.00	2.00	536037	MON	POT						tr		1				Q+C,Q	1-2
K-10-148	80.00	82.00	2.00	536038	MON	POT						tr		1				Q+C,Q	1-2
K-10-148	82.00	83.40	1.40	536039	MON	POT								1				Q+C,Q	1-2
K-10-148	83.40	85.00	1.60	536040	MON	SIL	POT					tr		7	tr			Q+C,Q	1-2
K-10-148	85.00	86.90	1.90	536041	MON	SIL	POT					tr		5	tr			Q+C,Q	1-2
K-10-148	86.90	88.00	1.10	536042	MON	POT						tr		1				Q+C,Q	1-2
K-10-148	88.00	90.00	2.00	536043	MON	POT						tr		2				Q+C,Q	1-2
K-10-148	90.00	92.00	2.00	536044	MON	POT						tr		2				Q+C,Q	1-2
K-10-148	92.00	94.00	2.00	536045	MON	POT						tr		2				Q+C,Q	1-2
K-10-148	94.00	96.00	2.00	536046	MON	POT						tr		2				Q+C,Q	1-2
K-10-148	96.00	98.00	2.00	536047	MON	POT						tr		3				Q+C,Q	1-2
K-10-148	98.00	100.00	2.00	536048	MON	POT						tr		2				Q+C,Q	1-2
K-10-148	100.00	102.00	2.00	536050	MON	POT						tr		3				Q+C,Q	1-2
K-10-148	102.00	103.00	1.00	536051	MON	POT						tr		3				Q+C,Q	1-2
K-10-148	103.00	105.00	2.00	536052	MON	POT	SIL		m			tr		7	tr			Q+C,Q	2-3
K-10-148	105.00	107.00	2.00	536053	MON	POT	SIL		m					10	tr			Q+C,Q	2-3
K-10-148	107.00	109.00	2.00	536054	MON	POT	SIL							7	tr			Q+C,Q	2-3
K-10-148	109.00	111.10	2.10	536055	MON	POT	SIL					tr		7	tr			Q+C,Q	1-2
K-10-148	111.10	112.00	0.90	536056	MON	POT						tr		1				Q+C,Q	1-2
K-10-148	112.00	114.00	2.00	536057	MON	POT						tr		1				Q+C,Q	1-2
K-10-148	114.00	116.00	2.00	536058	MON	POT								2				Q+C,Q	1-2
K-10-148	116.00	118.00	2.00	536059	MON	POT								2				Q+C,Q	1-2
K-10-148	118.00	120.00	2.00	536060	MON	POT								2				Q+C,Q	1-2
K-10-148	120.00	122.00	2.00	536061	MON	POT			w					4	tr			Q+C,Q	1-2
K-10-148	122.00	124.00	2.00	536062	MON	POT			w					3	tr			Q+C,Q	1-2
K-10-148	124.00	126.00	2.00	536063	MON	POT							tr	4	tr			Q+C,Q	1-2
K-10-148	126.00	128.00	2.00	536065	MON	POT			w				tr	3				Q+C,Q	1-2
K-10-148	128.00	130.00	2.00	536066	MON	POT	SIL							5	tr			Q+C,Q	1-2
K-10-148	130.00	132.00	2.00	536067	MON	POT	SIL							3	tr			Q+C,Q	1-2
K-10-148	132.00	134.00	2.00	536068	MON	POT	SIL							3	tr			Q+C,Q	1-2

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-148	134.00	136.00	2.00	536069	MON	POT	SIL							3	tr			Q+C,Q	1-2
K-10-148	136.00	138.00	2.00	536070	MON	POT								1				Q+C,Q	1-2
K-10-148	138.00	140.00	2.00	536071	MON	POT								3	tr			Q+C,Q	1-2
K-10-148	140.00	142.00	2.00	536072	MON	POT								3	tr			Q+C,Q	1-2
K-10-148	142.00	144.00	2.00	536073	MON	POT								2				Q+C,Q	1-2
K-10-148	144.00	144.90	0.90	536074	MON	POT				s		tr		1				Q+C,Q	1-2
K-10-148	144.90	146.00	1.10	536075	MON	SIL	PY		m	w		tr	w	6	0.5			Q+C,Q	1-2
K-10-148	146.00	148.15	2.15	536076	MON	SIL	PY		m	w		tr	tr	7	0.5			Q+C,Q	1-2
K-10-148	148.15	150.00	1.85	536077	MON	POT		w	tr	s		tr		1				Q,Q+C	1-2
K-10-148	150.00	152.00	2.00	536078	MON	POT		w	tr	s		tr		2				Q,Q+C	1-2
K-10-148	152.00	154.00	2.00	536080	MON	POT		w	w	s	tr	tr		3	tr			Q, A	3-4
K-10-148	154.00	156.00	2.00	536081	MON	POT		w	s	s		tr		2	tr			Q, A	3-4
K-10-148	156.00	158.00	2.00	536082	MON	POT	SER	w	m	s		tr		3	tr			Q+C,Q	1-2
K-10-148	158.00	160.00	2.00	536083	MON	POT	SER	w	tr	s		tr		2				Q+C,Q	1-2
K-10-148	160.00	162.00	2.00	536084	MON	POT		w	tr	s		tr		1				Q+C,Q	1-2
K-10-148	162.00	164.00	2.00	536085	MON	POT		w	tr	s		tr		1				Q+C,Q	1-2
K-10-148	164.00	166.00	2.00	536086	MON	POT		w	tr	s		tr		2				Q+C,Q	1-2
K-10-148	166.00	168.00	2.00	536087	MON	POT		w	tr	s		tr		2			tr	Q+C,Q	1-2
K-10-148	168.00	170.00	2.00	536088	MON	POT		w	tr	s		tr		2				Q+C,Q	1-2
K-10-148	170.00	172.00	2.00	536089	MON	POT		w	tr	s		tr	tr	7	0.5			Q+C,Q	1-2
K-10-148	172.00	173.70	1.70	536090	MON	POT		w	tr	s		tr		1				Q+C,Q	1-2
K-10-148	173.70	176.50	2.80	536091	MON	SIL	PY		m	w		tr	tr	5	tr			Q+C,Q	1-2
K-10-148	176.50	178.00	1.50	536092	MON	POT		w	tr	s		tr		1				Q+C,Q	1-2
K-10-148	178.00	180.00	2.00	536093	MON	POT		w	tr	s		tr		1				Q+C,Q	1-2
K-10-148	180.00	182.00	2.00	536095	MON	POT		w	w	s		tr		2	tr			Q+C,Q	1-2
K-10-148	182.00	184.70	2.70	536096	MON	POT	SER	w	m	s		tr		2				Q+C,Q	1-2
K-10-148	184.70	187.10	2.40	536097	FTZ	SER			s	w				tr				Q+C,Q	1-2
K-10-148	187.10	190.00	2.90	536098	MON/MD	POT		w-m	tr	s		tr		1				Q,Q+C	1-2
K-10-148	190.00	192.00	2.00	536099	MON/MD	POT		w-m	tr	s		tr		3	tr			Q,Q+C	1-2
K-10-148	192.00	194.00	2.00	536100	MON/MD	POT		w-m	tr	s		tr		2	tr			Q,Q+C	1-2
K-10-148	194.00	196.00	2.00	536101	MON	POT				s		tr		3	tr			Q,Q+C	1-2
K-10-148	196.00	198.00	2.00	536102	MON	POT				s		tr		3	tr		tr	Q,Q+C	1-2
K-10-148	198.00	200.00	2.00	536103	MON	POT				s		tr		2	tr			Q,Q+C	1-2
K-10-148	200.00	202.00	2.00	536104	MON	POT				s		tr		2				Q,Q+C	1-2
K-10-148	202.00	204.00	2.00	536105	MON	POT				s		tr		2				Q,Q+C	1-2
K-10-148	204.00	206.00	2.00	536106	MON	POT				s		tr		2				Q,Q+C	1-2
K-10-148	206.00	208.00	2.00	536107	MON	POT				s		tr		3				Q+C,Q	1-2
K-10-148	208.00	210.00	2.00	536108	MON	POT				s		tr		2				Q+C,Q	1-2
K-10-148	210.00	212.00	2.00	536109	MON	POT				s		tr		2				Q+C,Q	1-2
K-10-148	212.00	214.00	2.00	536110	MON	POT				s				3				Q+C,Q	1-2
K-10-148	214.00	216.00	2.00	536111	MON	POT				s				3	tr			Q+C,Q	1-2
K-10-148	216.00	218.00	2.00	536112	MON	POT				s		tr		4	tr			Q+C,Q	1-2
K-10-148	218.00	220.00	2.00	536113	MON	POT				s		tr		2				Q+C,Q	1-2
K-10-148	220.00	223.40	2.00	536114	MON	POT				s		tr	tr	2	tr			Q+C,Q	1-2
K-10-148	223.40	225.05	2.00	536116	MD							tr	tr	2				Q+C,Q	1-2
K-10-148	225.05	228.05	2.00	536117	MON	POT				s		tr		2				Q+C,Q	1-2
K-10-148	228.05	229.35	2.00	536118	MD					s		tr	tr	2				Q+C,Q	1-2
K-10-148	229.35	232.00	2.00	536119	MON	POT				s		tr		3				Q+C,Q	1-2

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-148	232.00	234.00	2.00	536120	MON	POT				s		tr	w	3				Q+C,Q	1-2
K-10-148	234.00	236.00	2.00	536121	MON	POT				s		tr		3				Q+C,Q	1-2
K-10-148	236.00	238.00	2.00	536122	MON	POT				s		tr		3	tr			Q+C,Q	1-2
K-10-148	238.00	240.00	2.00	536123	MON	POT				s		tr		3	tr			Q+C,Q	1-2
K-10-148	240.00	242.00	2.00	536124	MON	POT				s		tr		3				Q+C,Q	1-2
K-10-148	242.00	244.00	2.00	536125	MON	POT				s		tr		2				Q+C,Q	1-2
K-10-148	244.00	246.00	2.00	536126	MON	POT				s		tr		3				Q+C,Q	1-2
K-10-148	246.00	248.00	2.00	536127	MON	POT				s		tr		2				Q+C,Q	1-2
K-10-148	248.00	249.52	1.52	536128	MON	POT				s		tr		2				Q+C,Q	1-2
K-10-148	249.52	252.00	2.48	536129	MONBRX	POT				s		tr	m	5	tr			Q+C,Q	1-2
K-10-148	252.00	254.00	2.00	536131	MONBRX	POT				s		tr	s	3	tr			Q+C,Q	1-2
K-10-148	254.00	256.00	2.00	536132	MONBRX	POT	SIL					tr	w	5	tr			Q+C,Q	3-4
K-10-148	256.00	257.55	1.55	536133	MONBRX	POT	SIL					tr	w	4	tr			Q+C,Q	3-4
K-10-148	257.55	258.67	1.12	536134	MD									3				Q+C,Q	3-4
K-10-148	258.67	261.00	2.33	536135	MONBRX	POT						tr		3	tr			Q+C,Q	3-4
K-10-148	261.00	262.00	1.00	536136	MONBRX	POT	SIL		m	s		tr		2				Q+C,Q	3-4
K-10-148	262.00	264.00	2.00	536137	MONBRX	POT	SIL		m	s		tr		2				Q+C,Q	3-4
K-10-148	264.00	265.65	1.65	536138	MONBRX	POT	SIL		s	s		tr		2				Q+C,Q	3-4
K-10-148	265.65	268.00	2.35	536139	MONBRX	POT	SIL			s		tr		3	tr		tr	Q+C,Q	3-4
K-10-148	268.00	270.00	2.00	536140	MONBRX	POT	SIL			s		tr	w	7	0.5			Q+C,Q	3-4
K-10-148	270.00	272.00	2.00	536141	MONBRX	POT	SIL			s		tr	w	4	tr			Q+C,Q	3-4
K-10-148	272.00	274.00	2.00	536142	MONBRX	POT	SIL			s		tr	w	3	tr			Q+C,Q	3-4
K-10-148	274.00	276.00	2.00	536143	MONBRX	POT	SIL			s		tr		3				Q+C,Q	3-4
K-10-148	276.00	278.00	2.00	536144	MONBRX	POT	SIL			s		tr		2				Q+C,Q	1-2
K-10-148	278.00	280.00	2.00	536146	MONBRX	POT	SIL			s		tr		3				Q+C,Q	1-2
K-10-148	280.00	282.00	2.00	536147	MONBRX	POT	SIL			s		tr		3				Q+C,Q	1-2
K-10-148	282.00	284.00	2.00	536148	MONBRX	POT	SIL			s		tr	w	7	tr		tr	Q+C,Q	1-2
K-10-148	284.00	286.00	2.00	536149	MONBRX	POT	SIL			s		tr	w	5	tr			Q+C,Q	1-2
K-10-148	286.00	288.00	2.00	536150	MONBRX	POT	SIL			s		tr	w	5	tr			Q+C,Q	1-2
K-10-148	288.00	290.00	2.00	536151	MONBRX	POT	SIL			s		tr		4	tr			Q+C,Q	1-2
K-10-148	290.00	292.00	2.00	536152	MONBRX	POT	SIL			s				3				Q,Q+C	1-2
K-10-148	292.00	294.00	2.00	536153	MONBRX	POT	SIL			s				4	tr			Q,Q+C	1-2
K-10-148	294.00	296.00	2.00	536154	MONBRX	POT	SIL			s				6	tr		tr	Q,Q+C	1-2
K-10-148	296.00	298.00	2.00	536155	MONBRX	POT	SIL			s		tr		3				Q,Q+C	1-2
K-10-148	298.00	300.00	2.00	536156	MONBRX	POT	SIL			s				4	tr			Q,Q+C	1-2
K-10-148	300.00	302.00	2.00	536157	MONBRX	POT	SIL			s				4	tr			Q,Q+C	1-2
K-10-148	302.00	304.00	2.00	536158	MONBRX	POT	SIL			s			w	6	tr			Q,Q+C	1-2
K-10-148	304.00	306.00	2.00	536159	MONBRX	POT	SIL			s				3				Q,Q+C	1-2
K-10-148	306.00	308.00	2.00	536161	MONBRX	POT	SIL			s				3				Q,Q+C	1-2
K-10-148	308.00	310.00	2.00	536162	MONBRX	POT				s				2	tr			Q,Q+C	1-2
K-10-148	310.00	312.00	2.00	536163	MONBRX	POT				s				3	tr			Q,Q+C	1-2
K-10-148	312.00	314.00	2.00	536164	MONBRX	POT				s				3	tr			Q,Q+C	1-2
K-10-148	314.00	316.00	2.00	536165	MONBRX	POT				s				3	tr			Q,Q+C	1-2
K-10-148	316.00	318.00	2.00	536166	MONBRX	POT				s				4	tr			Q,Q+C	1-2
K-10-148	318.00	320.00	2.00	536167	MONBRX	POT				s				3	tr			Q,Q+C	1-2
K-10-148	320.00	322.00	2.00	536168	MONBRX	POT				s				2				Q,Q+C	2-3
K-10-148	322.00	324.00	2.00	536169	MONBRX	POT				s				3			tr	Q,Q+C	2-3
K-10-148	324.00	325.42	1.42	536170	MONBRX	POT				s			w	2				Q,Q+C	2-3

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-148	325.42	328.00	2.58	536171	MD							tr	s	3				Q+C,Q	1-2
K-10-148	328.00	330.00	2.00	536172	MD							tr	s	2				Q+C,Q	1-2
K-10-148	330.00	332.00	2.00	536173	MD							tr	s	1				Q+C,Q	1-2
K-10-148	332.00	334.00	2.00	536174	MD							tr	s	1				Q+C,Q	1-2
K-10-148	334.00	336.00	2.00	536176	MD							tr	s	1				Q+C,Q	1-2
K-10-148	336.00	338.00	2.00	536177	MD							tr	s	1				Q+C,Q	3-4
K-10-148	338.00	340.36	2.36	536178	MD							tr	s	1				Q+C,Q	3-4
K-10-148	340.36	342.00	1.64	536179	MONBRX	POT						tr		2				Q+C,Q	2-3
K-10-148	342.00	344.00	2.00	536180	MONBRX	POT						tr	w	3				Q+C,Q	2-3
K-10-148	344.00	346.00	2.00	536181	MONBRX	POT						tr		2	tr			Q+C,Q	2-3
K-10-148	346.00	348.00	2.00	536182	MONBRX	POT			w			tr		4	tr		tr	Q+C,Q	2-3
K-10-148	348.00	350.00	2.00	536183	MONBRX	POT			m			tr		4	tr			Q+C,Q	2-3
K-10-148	350.00	352.00	2.00	536184	MONBRX	POT			m			w		3	tr			Q+C,Q	2-3
K-10-148	352.00	354.00	2.00	536185	MONBRX	POT			w			w		3	tr			Q+C,Q	2-3
K-10-148	354.00	356.00	2.00	536186	MONBRX	POT			w			tr		3	tr			Q+C,Q	2-3
K-10-148	356.00	358.00	2.00	536187	MONBRX	POT			w			tr	w	3	tr			Q+C,Q	2-3
K-10-148	358.00	360.00	2.00	536188	MONBRX	POT			w			tr	w	2				Q+C,Q	2-3
K-10-148	360.00	362.00	2.00	536189	MONBRX	POT			w			tr		2	tr			Q+C,Q	2-3
K-10-148	362.00	364.00	2.00	536191	MONBRX	POT						tr		2			tr	Q+C,Q	2-3
K-10-148	364.00	366.00	2.00	536192	MONBRX	POT						tr		2				Q+C,Q	2-3
K-10-148	366.00	368.00	2.00	536193	MONBRX	POT						w	w	2				Q+C,Q	2-3
K-10-148	368.00	370.00	2.00	536194	MONBRX	POT						w	w	1				Q+C,Q	4-5
K-10-148	370.00	372.00	2.00	536195	MONBRX	POT						m		2				Q+C,Q	4-5
K-10-148	372.00	374.00	2.00	536196	MONBRX	POT			w			w		2				Q+C,Q	4-5
K-10-148	374.00	376.00	2.00	536197	MONBRX	POT			w			tr		1				Q+C,Q	4-5
K-10-148	376.00	378.00	2.00	536198	MONBRX	POT			w			tr		1				Q+C,Q	3-4
K-10-148	378.00	380.00	2.00	536199	MONBRX	POT			m			tr		1				Q+C,Q	3-4
K-10-148	380.00	382.00	2.00	536200	MONBRX	POT			m			tr		1				Q+C,Q	2-3
K-10-148	382.00	384.00	2.00	536201	MONBRX	POT						tr		1	tr			Q+C,Q	2-4
K-10-148	384.00	386.48	2.48	536202	MONBRX	POT						tr		1				Q+C,Q	2-5

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-149	0.00	43.28	43.28	Casing/Overburden
K-10-149	43.28	62.55	19.27	South zone monzonite with minor andesite dykes. Monzonite is strongly kspar altered with patchy sil+py+/-sericite>>cpy alteration, generally <1 m in length and comprising 10-15% of interval. Trace hematite altn along fractures. Andesite dykes are <0.5 m in width.
K-10-149	62.55	91.00	28.45	Monzonite. Litho is as above, but there is an increase in sericite alteration and the kspar>hematite+sericite is commonly completely texture destructive. Rare, narrow (<0.5 m) zones of sil+py+ser altn. 15 cm massive pyrite vein at 72.5 m.
K-10-149	91.00	92.80	1.80	Monzonite. Zone of intense sil+ser+py alteration with 1% vfg disseminated cpy. Likely within brittle deformation zone.
K-10-149	92.80	97.70	4.90	Monzonite. Same as from 62-91 m depth.
K-10-149	97.70	109.30	11.60	Monzonite. As above but with pervasive, moderate to strong sericite alteration. Likely associated with major fault below.
K-10-149	109.30	111.25	1.95	Fault zone. Possible West Fault. Intensely clay altered, major fault zone. Foliated with foliations and margins at 20 deg to CA. This means that this structure has a true plunge of 75 degrees to the west. This is likely the west fault, but it is curious as there is no litho change below fault, as is observed in northern sections.
K-10-149	111.25	134.95	23.70	Monzonite. Still looks like typical south zone monzonite. Pervasive, strong kspar alteration with trace epidote altn. 30 cm section of semi massive py+qtz>>>cpy at 117 m depth. Abundant magnetite+hematite along selvages within that interval. Patchy, fairly sparse sil+py flooded intervals with vfg dissem cpy. Overall, grade is likely 0.10% Cu, not much more.
K-10-149	134.95	136.95	2.00	Andesite dyke. Post mineral. Faulted upper contact. Sharp lower contact at 15 degrees to CA. 2-5% white calcite veins with hematite along selvages.
K-10-149	136.95	160.60	23.65	Monzonite. Same as from 112-135 m depth. Intense sil+py flooding from 152-154 m with semi-massive pyrite and 2% cpy over interval.
K-10-149	160.60	161.80	1.20	Andesite dyke. Post mineral. 10% white calcite veins with hematite along selvages. Sharp upper and lower contacts.
K-10-149	161.80	203.60	41.80	Monzonite. Still looks like typical south zone monzonite. Pervasive, strong kspar alteration with trace epidote altn. Patchy, sparse sil+py flooded intervals with vfg dissem cpy. Overall, grade is likely 0.10% Cu, not much more.
	EOH			

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-149	43.28	45.00	1.72	538111	MON	POT				s		tr		6	0.5			Q+C	2
K-10-149	45.00	47.00	2.00	538112	MON	POT				s		tr		4	tr			Q+C	2
K-10-149	47.00	49.00	2.00	538113	MON	POT				s		tr		4	tr			Q+C	2
K-10-149	49.00	51.00	2.00	538114	MON	POT				s		tr		4	tr			Q+C	3
K-10-149	51.00	53.00	2.00	538115	MON	POT				s		tr		2				Q+C	3
K-10-149	53.00	55.00	2.00	538116	MON	POT				s		tr		2				Q+C	2
K-10-149	55.00	57.00	2.00	538117	MON	POT				s		tr		2				Q+C	2
K-10-149	57.00	59.00	2.00	538118	MON	POT				s		tr		2				Q+C	3
K-10-149	59.00	61.00	2.00	538119	MON	POT				s		tr		2				Q+C	3
K-10-149	61.00	62.55	1.55	538121	MON	POT				s		tr		2				Q+C	2
K-10-149	62.55	65.00	2.45	538122	MON	POT			w	s		tr		2				Q+C	2
K-10-149	65.00	67.00	2.00	538123	MON	POT			w	s		w		2				C,Q+C	2
K-10-149	67.00	69.00	2.00	538124	MON	POT			w	s		w		4	tr			C,Q+C	2
K-10-149	69.00	71.00	2.00	538125	MON	POT			w	s		w		2				C,Q+C	3
K-10-149	71.00	73.00	2.00	538126	MON	POT			w	s		w		2				C,Q+C	3
K-10-149	73.00	75.00	2.00	538127	MON	POT			w	s		w		2				C,Q+C	3
K-10-149	75.00	77.00	2.00	538128	MON	POT			w	s		w		15				C,Q+C	3
K-10-149	77.00	79.00	2.00	538129	MON	POT			w	s		w		2				C,Q+C	4
K-10-149	79.00	81.00	2.00	538130	MON	POT			w	s		w		2				C,Q+C	4
K-10-149	81.00	83.00	2.00	538131	MON	POT			w	s		w		4				C,Q+C	3
K-10-149	83.00	85.00	2.00	538132	MON	POT			w	s		w		2				C,Q+C	3
K-10-149	85.00	87.00	2.00	538133	MON	POT			w	s		w		2				C,Q+C	4
K-10-149	87.00	89.00	2.00	538134	MON	POT			w	s		w		4				C,Q+C	3
K-10-149	89.00	91.00	2.00	538136	MON	POT			w	s		w		2				C,Q+C	4
K-10-149	91.00	92.80	1.80	538137	MON	SIL	PY		s					15	tr			C,Q+C	3
K-10-149	92.80	95.00	2.20	538138	MON	POT			w	s		w		2				C,Q+C	2
K-10-149	95.00	97.70	2.70	538139	MON	POT			w	s		w		2				C,Q+C	2
K-10-149	97.70	100.00	2.30	538140	MON	SER	POT		s	m-s				2				C,Q+C	4
K-10-149	100.00	102.00	2.00	538141	MON	SER	POT		s	m-s				2				C,Q+C	3
K-10-149	102.00	104.00	2.00	538142	MON	SER	POT		s	m-s				2				C,Q+C	2
K-10-149	104.00	106.00	2.00	538143	MON	SER	POT		s	m-s				2				C,Q+C	2
K-10-149	106.00	108.00	2.00	538144	MON	SER	POT		s	m-s				4				C,Q+C	3
K-10-149	108.00	109.30	1.30	538145	MON	SER	POT		s	m-s				3				C,Q+C	4
K-10-149	109.30	111.25	1.95	538146	FTZ	SER			s					3					0
K-10-149	111.25	113.00	1.75	538147	MON	POT	SER		m	s		tr		3				C,Q+C	3
K-10-149	113.00	115.00	2.00	538148	MON	POT		tr	w	s		tr		2				C,Q+C	2
K-10-149	115.00	117.00	2.00	538149	MON	POT		tr	tr	s		tr		2				C,Q+C	6
K-10-149	117.00	119.00	2.00	538151	MON	POT		tr	tr	s		tr	w	20	1.0			C,Q+C	3
K-10-149	119.00	121.00	2.00	538152	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	121.00	123.00	2.00	538153	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	123.00	125.00	2.00	538154	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	125.00	127.00	2.00	538155	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	127.00	129.00	2.00	538156	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	129.00	131.00	2.00	538157	MON	POT		tr	tr	s		tr		2				C,Q+C	2

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-149	131.00	133.00	2.00	538158	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	133.00	134.95	1.95	538159	MON	POT	SER	tr	m	s		tr		2				C,Q+C	2
K-10-149	134.95	136.95	2.00	538160	ANDK	PROP		m	tr			tr		1				C+H	4
K-10-149	136.95	139.00	2.05	538161	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	139.00	141.00	2.00	538162	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	141.00	143.00	2.00	538163	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	143.00	145.00	2.00	538164	MON	POT		tr	tr	s		tr		2				C,Q+C	3
K-10-149	145.00	147.00	2.00	538166	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	147.00	149.00	2.00	538167	MON	POT		tr	tr	s		tr		2				C,Q+C	3
K-10-149	149.00	151.00	2.00	538168	MON	POT		tr	tr	s		tr		2				C,Q+C	3
K-10-149	151.00	152.30	1.30	538169	MON	POT		tr	tr	s		tr		2	tr			C,Q+C	2
K-10-149	152.30	154.00	1.70	538170	MON	SIL	PY		w	s		tr	tr	20	2.0			C,Q+C	2
K-10-149	154.00	156.00	2.00	538171	MON	POT		tr	tr	s		tr		2	tr			C,Q+C	3
K-10-149	156.00	158.00	2.00	538172	MON	POT		tr	tr	s		tr		2	tr			C,Q+C	3
K-10-149	158.00	160.60	2.60	538173	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	160.60	161.80	1.20	538174	ANDK	PROP		m	tr			tr		2				C+H	7
K-10-149	161.80	164.00	2.20	538175	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	164.00	166.00	2.00	538176	MON	POT		tr	tr	s		tr		3	tr			C,Q+C	2
K-10-149	166.00	168.00	2.00	538177	MON	POT		tr	tr	s		tr		4	tr			C,Q+C	3
K-10-149	168.00	170.00	2.00	538178	MON	POT	SIL	tr	tr	s		tr		10	1.0			C,Q+C	3
K-10-149	170.00	172.00	2.00	538179	MON	POT		tr	tr	s		tr		3				C,Q+C	2
K-10-149	172.00	174.00	2.00	538181	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	174.00	176.00	2.00	538182	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	176.00	178.00	2.00	538183	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	178.00	180.00	2.00	538184	MON	POT		tr	tr	s		tr		3	tr			C,Q+C	2
K-10-149	180.00	182.00	2.00	538185	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	182.00	184.00	2.00	538186	MON	POT		tr	tr	s		tr		4	tr			C,Q+C	3
K-10-149	184.00	186.00	2.00	538187	MON	POT		tr	tr	s		tr		3				C,Q+C	2
K-10-149	186.00	188.00	2.00	538188	MON	POT		tr	tr	s		tr		3				C,Q+C	2
K-10-149	188.00	190.00	2.00	538189	MON	POT		tr	tr	s		tr		2				C,Q+C	3
K-10-149	190.00	192.00	2.00	538190	MON	POT		tr	tr	s		tr		2				C,Q+C	3
K-10-149	192.00	194.00	2.00	538191	MON	POT		tr	tr	s		tr		2				C,Q+C	2
K-10-149	194.00	196.00	2.00	538192	MON	POT		tr	tr	s		tr		3				C,Q+C	3
K-10-149	196.00	198.00	2.00	538193	MON	POT		tr	tr	s		tr		3	tr			C,Q+C	3
K-10-149	198.00	200.00	2.00	538194	MON	POT		tr	tr	s		tr		3	tr			C,Q+C	2
K-10-149	200.00	202.00	2.00	538196	MON	POT		tr	tr	s		tr		4	tr			C,Q+C	2
K-10-149	202.00	203.60	1.60	538197	MON	POT		tr	tr	s		tr		3				C,Q+C	2

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-150	0.00	24.38	24.38	Casing/Overburden
K-10-150	24.38	53.65	29.27	Monzonite. Typical south zone unit. Strongly broken and fractured near top of hole. Strong, pervasive k-spar. Patchy weak sericite alteration and trace hematite within veins and along fractures. Patchy, weak to strong sil flooding with trace cpy. 2-4% grey qtz and white qtz+calcite veins. <0.10% Cu grade overall.
K-10-150	53.65	65.85	12.20	Monzonite. Pervasive, intense sil+py alteration with common secondary biotite and magnetite along veins, fractures and forming altn halos. Local hematite after magnetite. Minor pink calcite and kspar veins. 7-15% disseminated and veined py. 0.5-1.0% cpy overall, estimate grade at 0.25-0.3% Cu.
K-10-150	65.85	77.90	12.05	Monzonite. Litho as above. Patches of intense sil+py+/- magnetite+secondary biotite comprising 15% of interval. Cpy associated with qtz+magnetite+pyrite veins. Trace to 0.5% cpy overall, ie. 0.10-0.15% Cu.
K-10-150	77.90	79.00	1.10	Mineralized monzonite. Strong to intense sil+py+/- magnetite+secondary biotite alteration. Several cm to dm size grey qtz+magnetite+py veins. Cpy with rare chalcocite rims, occurring as vfg disseminated with py and as clots within qtz+mt veins. 1-1.5% cpy overall.
K-10-150	79.00	94.45	15.45	Monzonite. Strong, pervasive k-spar. Patchy weak sericite alteration and trace hematite within veins and along fractures. Patchy, weak to strong sil flooding with trace cpy. 2-4% grey qtz and white qtz+calcite veins. <0.10% Cu grade overall.
K-10-150	94.45	103.40	8.95	Monzonite. As above, but increase in silica flooding, not dark grey sil+py+chl+/-magnetite though, but just sil+py flooding and minor bleaching, non texture destructive. Trace to 0.5% cpy occurring as clots within zones of stronger sil flooding.
K-10-150	103.40	125.30	21.90	Monzonite. Strong, pervasive k-spar. Patchy weak sericite alteration and trace hematite within veins and along fractures. Patchy, weak to strong sil flooding with trace cpy. 2-4% grey qtz and white qtz+calcite veins. <0.10% Cu grade overall.
K-10-150	125.30	129.30	4.00	Mineralized monzonite. Strong to intense sil+py+/- magnetite+secondary biotite alteration. Several grey qtz+magnetite+py veins. Cpy with rare chalcocite rims, occurring as vfg disseminated with py and as clots within qtz+mt veins. 1.5-2.0% cpy overall.
K-10-150	129.30	156.10	26.80	Monzonite. Strong, pervasive k-spar. Patchy weak sericite alteration and trace hematite within veins and along fractures. Patchy, weak to strong sil flooding with trace cpy. 2-4% grey qtz and white qtz+calcite veins. <0.10% Cu grade overall.
K-10-150	156.10	157.70	1.60	Microdiorite dyke. Dark grey to black microdiorite dyke with monzonite xenoliths. Strong to intense py+sil+chl+mt alteration. 0.5-0.7% cpy. Grey qtz veins and trace pink spar veins.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-150	157.70	198.55	40.85	Monzonite with lesser microdiorite dyke fingers. Strong, pervasive k-spar. Patches of intense sil+py+mt+secondary biotite flooding with trace cpy, comprising 10-15% of interval. Microdiorite dyke fingers are as above. Trace epidote alteration. 2-4% grey qtz and white qtz+calcite veins. ~0.10% Cu grade overall.
K-10-150	198.55	202.05	3.50	Phyllic altered monzonite. Intense quartz+sericite+pyrite altered zone. Completely texture destructive. 10-15% pyrite. Trace to 0.5% cpy as disseminations within pyrite veins. 3-5% grey qtz veins with trace Mo.
K-10-150	202.05	211.25	9.20	Monzonite. Weakly crackle or tectonically brecciated. Pervasive moderate to strong sericite+k-spar alteration with weak hematite altn. 3-5% white calcite+qtz veins, cementing crackle breccias.
K-10-150	211.25	250.00	38.75	Monzonite. Strong, pervasive k-spar. Patchy weak sericite alteration and trace hematite within veins and along fractures. Patchy, weak to strong sil flooding with trace cpy. 2-4% grey qtz and white qtz+calcite veins. <0.10% Cu grade overall.
K-10-150	250.00	259.40	9.40	Monzonite. Weakly mineralized zone with tectonic brecciation and locally pervasive silica+py+ser and minor magnetite alteration. Trace to 0.5% cpy with dissem and veined pyrite. 2-5% grey qtz veins with Mo along selvages and within veins fractures.
K-10-150	259.40	274.15	14.75	Monzonite. Strong, pervasive k-spar. Patchy weak sericite alteration, trace epidote+chlorite altn and trace hematite within veins and along fractures. Patchy, weak to strong sil+py+mt flooding with trace cpy. 2-4% grey qtz and white qtz+calcite veins. <0.10% Cu grade overall.
K-10-150	274.15	282.75	8.60	Microdiorite dyke zone. Difficult to be sure due to intense alteration in 'contact' areas. Typical of new interp of south zone mineralization though. Dykes are intensely py+sil+mt altered with massive py veins. 15% py. 1-1.5% cpy overall, ie Grade 2-3. Mo with cpy.
K-10-150	282.75	291.00	8.25	Monzonite, mineralized. Strongly silica+ser+py flooded zone, overprinting strong potassic alteration. 10-12% py over interval. 2-5% grey qtz veins. Disseminated and fracture /vein controlled cpy clots, up to 1 cm. Trace Mo with veins. Grade 2.
K-10-150	291.00	306.10	15.10	Monzonite. Strong, pervasive k-spar. Trace epidote+chlorite altn and trace hematite within veins and along fractures. 1-2% white qtz+calcite veins. Not mineralized.
K-10-150	306.10	319.85	13.75	Monzonite. Mineralized zone. Strong, pervasive sil+py+chl+mt flooding (possibly dykes again??) with 8-15% py and 0.5-1% and trace Mo cpy overall, and 3-4% cpy over last 3 m. ~0.35-0.50% Cu grade overall for interval. Lower 3 m is intensely cpy mineralized qtz flooded with dark grey qtz veins. Several cm size clots of cpy, commonly rimmed with red, oxidized hematite (after magnetite?). Coarse Mo clots also in the narrow interval.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-150	319.85	326.70	6.85	Monzonite breccia. Intensely quartz+sericite+pyrite altered interval with 1-2% cpy within zones of intense sil flooding. Minor clay gouge and faulting. Brecciation is tectonic.
K-10-150	326.70	332.30	5.60	Monzonite. Strong, pervasive k-spar. Trace epidote+chlorite altn and weak hematite within veins and along fractures. 1-2% grey qtz veins with minor cpy. Very weakly mineralized.
K-10-150	332.30	341.65	9.35	Tectonically brecciated and sheared/faulted monzonite. Pervasive, strong to intense kspar+sericite alteration. Completely texture destructive. Shears are at 30 deg to CA. Lower 2 m are strongly QSP altered
K-10-150	341.65	355.40	13.75	Monzonite. Strong, pervasive k-spar. Trace epidote+chlorite altn and weak hematite within veins and along fractures. 1-2% grey qtz veins. Trace cpy mostly as clots, surrounded by hematite (after mt?). Very weakly mineralized. At end of hole, there is a massive pyrite>cpy vein, ~1 cm thick, directly down-dip of CA.
		EOH		

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-150	24.38	26.00	1.62	538198	MON	SIL	PY		tr	s		tr		4	tr			Q+/-C,Q	4
K-10-150	26.00	28.00	2.00	538199	MON	SIL	PY		tr	s		tr		5	tr			Q+/-C,Q	3
K-10-150	28.00	30.00	2.00	538200	MON	POT		tr	tr	s		tr		2				Q+/-C,Q	2
K-10-150	30.00	32.00	2.00	538201	MON	POT		tr	tr	s		tr		3	tr			Q+M,C	2
K-10-150	32.00	34.00	2.00	538202	MON	POT		w	tr	s		tr		2	tr			Q+/-C,Q	4
K-10-150	34.00	36.00	2.00	538203	MON	POT		tr	tr	s		tr		2	tr			Q+/-C,Q	3
K-10-150	36.00	38.00	2.00	538204	MON	POT		tr	tr	s		tr		2				Q+/-C,Q	4
K-10-150	38.00	40.00	2.00	538205	MON	POT		tr	tr	s		tr		2				Q+/-C,Q	4
K-10-150	40.00	42.00	2.00	538206	MON	POT		tr	tr	s		tr		2				Q+/-C,Q	5
K-10-150	42.00	44.00	2.00	538207	MON	POT		tr	tr	s		tr		2				Q+/-C,Q	4
K-10-150	44.00	46.00	2.00	538208	MON	POT		tr	tr	s		tr		2				Q+/-C,Q	3
K-10-150	46.00	48.00	2.00	538209	MON	POT		tr	tr	s		tr		3				Q+/-C,Q	3
K-10-150	48.00	50.00	2.00	538211	MON	POT		tr	tr	s		tr		3				Q+/-C,Q	2
K-10-150	50.00	52.00	2.00	538212	MON	POT		tr	tr	s		tr		3	tr			Q+/-C,Q	3
K-10-150	52.00	53.65	1.65	538213	MON	POT		tr	tr	s		tr		3	tr			Q+/-C,Q	4
K-10-150	53.65	55.00	1.35	538214	MON	SIL	PY		tr	m-s		tr	w	12	1.0			Q+M,C	3
K-10-150	55.00	57.00	2.00	538215	MON	SIL	PY		tr	m-s		tr	w	7	1.0			Q+M,C	2
K-10-150	57.00	59.00	2.00	538216	MON	SIL	PY		tr	m-s		tr	w	7	0.5			Q+M,C	3
K-10-150	59.00	61.00	2.00	538217	MON	SIL	PY		tr	m-s		tr	w	6	tr			Q+M,C	4
K-10-150	61.00	63.50	2.50	538218	MON	SIL	PY		tr	m-s		tr	w	10	1.0			Q+M,C	4
K-10-150	63.50	65.85	2.35	538219	MON	SIL	PY		tr	m-s		tr	w	7	tr			Q+M,C	3
K-10-150	65.85	68.00	2.15	538220	MON	POT		tr	tr	s		tr		3				Q+/-C,Q	4
K-10-150	68.00	70.00	2.00	538221	MON	POT		tr	tr	s		tr		3				Q+/-C,Q	3
K-10-150	70.00	72.00	2.00	538222	MON	POT		tr	tr	s		tr		3				Q+/-C,Q	3
K-10-150	72.00	74.00	2.00	538223	MON	POT		tr	tr	s		tr		2				Q+/-C,Q	2
K-10-150	74.00	76.00	2.00	538224	MON	POT		tr	tr	s		tr		2				Q+/-C,Q	4
K-10-150	76.00	77.90	1.90	538226	MON	POT		tr	tr	s		tr		2				Q+/-C,Q	3
K-10-150	77.90	79.00	1.10	538227	MON	SIL	PY		tr	m-s		w	w-m	12	2.0			Q+M,C	20
K-10-150	79.00	81.00	2.00	538228	MON	POT		tr	tr	s		tr		2				Q+/-C,Q	3
K-10-150	81.00	83.00	2.00	538229	MON	POT		tr	tr	s		tr		2				Q+/-C,Q	2
K-10-150	83.00	85.00	2.00	538230	MON	POT		tr	tr	s		tr	tr	2				Q+/-C,Q	2
K-10-150	85.00	87.00	2.00	538231	MON	POT		tr	tr	s		tr	tr	2	tr			Q+/-C,Q	3
K-10-150	87.00	89.00	2.00	538232	MON	POT		tr	tr	s		tr	tr	2	0.5			Q+/-C,Q	4
K-10-150	89.00	91.00	2.00	538233	MON	POT		tr	tr	s		tr	tr	2	tr			Q+/-C,Q	4
K-10-150	91.00	93.00	2.00	538234	MON	POT		tr	tr	s		tr	tr	2	tr			Q+/-C,Q	4
K-10-150	93.00	94.45	1.45	538235	MON	POT		tr	tr	s		tr	tr	3	tr			Q+/-C,Q	3
K-10-150	94.45	97.00	2.55	538236	MON	POT	SIL		w	s		tr	tr	4	1.0			Q+/-C,Q	4
K-10-150	97.00	99.00	2.00	538237	MON	POT	SIL		w	s		tr	tr	4	1.0			Q+/-C,Q	4
K-10-150	99.00	101.00	2.00	538238	MON	POT	SIL		w	s		tr	tr	3	0.5			Q+/-C,Q	5
K-10-150	101.00	103.40	2.40	538239	MON	POT	SIL		w	s		tr	tr	4	1.0			Q+/-C,Q	4
K-10-150	103.40	105.00	1.60	538241	MON	POT		tr	tr	s		tr	tr	3	tr			Q+/-C,Q	3
K-10-150	105.00	107.00	2.00	538242	MON	POT		tr	tr	s		tr	tr	3				Q+/-C,Q	3
K-10-150	107.00	109.00	2.00	538243	MON	POT		tr	tr	s		tr	tr	2				Q+/-C,Q	3
K-10-150	109.00	111.00	2.00	538244	MON	POT		tr	tr	s		tr	tr	3	tr			Q+/-C,Q	3

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-150	111.00	113.00	2.00	538245	MON	POT			tr	s		tr		3	tr			Q+/-C,Q	4
K-10-150	113.00	115.00	2.00	538246	MON	POT			tr	s		tr		2				Q+/-C,Q	3
K-10-150	115.00	117.00	2.00	538247	MON	POT			tr	s		tr		3				Q+/-C,Q	3
K-10-150	117.00	119.00	2.00	538248	MON	POT			tr	s		tr		4	tr			Q+/-C,Q	3
K-10-150	119.00	121.00	2.00	538249	MON	POT			tr	s		tr		8	0.5			Q+/-C,Q	3
K-10-150	121.00	123.00	2.00	538250	MON	POT			tr	s		tr		3				Q+/-C,Q	3
K-10-150	123.00	125.30	2.30	538251	MON	POT			tr	s		tr		3				Q+/-C,Q	3
K-10-150	125.30	127.30	2.00	538252	MON	SIL	PY		tr	m-s		tr	w	15	2.0			Q+M,C	3
K-10-150	127.30	129.30	2.00	538253	MON	SIL	PY		tr	m-s		tr	w	15	1.0			Q+M,C	3
K-10-150	129.30	131.00	1.70	538254	MON	POT			tr	s		tr		2	tr			Q+/-C,Q	3
K-10-150	131.00	133.00	2.00	538256	MON	POT			tr	s		tr		4	tr			Q+/-C,Q	3
K-10-150	133.00	135.00	2.00	538257	MON	POT			tr	s		tr		3				Q+/-C,Q	3
K-10-150	135.00	137.00	2.00	538258	MON	POT			tr	s		tr		3				Q+/-C,Q	3
K-10-150	137.00	139.00	2.00	538259	MON	POT			tr	s		tr		2				Q+/-C,Q	3
K-10-150	139.00	141.00	2.00	538260	MON	POT			tr	s		tr		3	tr			Q+/-C,Q	3
K-10-150	141.00	143.00	2.00	538261	MON	POT			tr	s		tr		2				Q+/-C,Q	3
K-10-150	143.00	145.00	2.00	538262	MON	POT			tr	s		tr		2				Q+/-C,Q	3
K-10-150	145.00	147.00	2.00	538263	MON	POT			tr	s		tr		3				Q+/-C,Q	3
K-10-150	147.00	149.00	2.00	538264	MON	POT			tr	s		tr		3				Q+/-C,Q	3
K-10-150	149.00	151.00	2.00	538265	MON	POT			tr	s		tr		4				Q+/-C,Q	3
K-10-150	151.00	153.00	2.00	538266	MON	POT			tr	s		tr		3	tr			Q+/-C,Q	3
K-10-150	153.00	155.00	2.00	538267	MON	POT			tr	s		tr		2				Q+/-C,Q	3
K-10-150	155.00	156.10	1.10	538268	MON	POT			tr	s		tr		2				Q+/-C,Q	3
K-10-150	156.10	157.70	2.60	538269	MD	MT	PY			w		tr	m-s	6	1.0			Q,K	3
K-10-150	157.70	160.00	2.30	538271	MON	POT	PY			s		tr	w	4	tr			Q,K	3
K-10-150	160.00	163.00	3.00	538272	MON	POT			tr	s		tr	w	4				Q+/-C,Q	2
K-10-150	163.00	165.00	2.00	538273	MON	POT			tr	s		tr		2				Q+/-C,Q	2
K-10-150	165.00	167.00	2.00	538274	MON	POT			tr	s		tr		3	tr			Q+/-C,Q	2
K-10-150	167.00	169.00	2.00	538275	MON	POT			tr	s		tr		3	tr			Q+/-C,Q	3
K-10-150	169.00	171.00	2.00	538276	MON	POT			tr	s		tr		3				Q+/-C,Q	4
K-10-150	171.00	173.00	2.00	538277	MON	POT			tr	s		tr		4	tr			Q+/-C,Q	3
K-10-150	173.00	175.00	2.00	538278	MON	POT			tr	s		tr		4				Q+/-C,Q	3
K-10-150	175.00	177.00	2.00	538279	MON	POT			tr	s		tr		3				Q+/-C,Q	2
K-10-150	177.00	179.00	2.00	538280	MON	POT			tr	s		tr		3				Q+/-C,Q	3
K-10-150	179.00	181.00	2.00	538281	MON	POT			tr	s		tr		3				Q+/-C,Q	2
K-10-150	181.00	183.00	2.00	538282	MON	POT			tr	s		tr		3				Q+/-C,Q	2
K-10-150	183.00	185.00	2.00	538283	MON	POT			tr	s		tr		3				Q+/-C,Q	3
K-10-150	185.00	187.00	2.00	538284	MON	POT			tr	s		tr		3				Q+/-C,Q	3
K-10-150	187.00	189.00	2.00	538286	MON	POT			tr	s		tr		3				Q+/-C,Q	2
K-10-150	189.00	191.00	2.00	538287	MON	POT			tr	s		tr		3				Q+/-C,Q	2
K-10-150	191.00	193.00	2.00	538288	MON	POT			tr	s		tr		3				Q+/-C,Q	3
K-10-150	193.00	195.00	2.00	538289	MON	POT			tr	s		tr		3				Q+/-C,Q	3
K-10-150	195.00	197.00	2.00	538290	MON	POT			tr	s		tr		3				Q+/-C,Q	4
K-10-150	197.00	198.55	1.55	538291	MON	POT			tr	s		tr		3				Q+/-C,Q	4

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-150	198.55	200.00	1.45	538292	MON	QSP			s	tr		tr		12				Q,Q+C	7
K-10-150	200.00	202.55	2.55	538293	MON	QSP			s	tr		tr		12				Q,Q+C	7
K-10-150	202.55	204.00	1.45	538294	MON	SER			m-s	m		w		2				Q+/-C,Q	4
K-10-150	204.00	206.00	2.00	538295	MON	SER			m-s	m		w		2				Q+/-C,Q	3
K-10-150	206.00	208.00	2.00	538296	MON	SER			m-s	m		w		2				Q+/-C,Q	4
K-10-150	208.00	210.00	2.00	538297	MON	SER			m-s	s		w		2				Q+/-C,Q	4
K-10-150	210.00	211.25	2.00	538298	MON	SER			m	s		tr		2				Q+/-C,Q	5
K-10-150	211.25	213.00	2.00	538299	MON	POT			w	s		tr		4				Q+/-C,Q	5
K-10-150	213.00	215.00	2.00	538301	MON	POT			w	s		tr		4	tr			Q+/-C,Q	4
K-10-150	215.00	217.00	2.00	538302	MON	POT			tr	s		tr		4				Q+/-C,Q	3
K-10-150	217.00	219.00	2.00	538303	MON	POT			tr	s		tr		4				Q+/-C,Q	3
K-10-150	219.00	221.00	2.00	538304	MON	POT			tr	s		tr		2				Q+/-C,Q	5
K-10-150	221.00	223.00	2.00	538305	MON	POT			tr	s		tr		2				Q+/-C,Q	3
K-10-150	223.00	225.00	2.00	538306	MON	POT			tr	s		tr		2				Q+/-C,Q	2
K-10-150	225.00	227.00	2.00	538307	MON	POT			tr	s		tr		2				Q+/-C,Q	3
K-10-150	227.00	229.00	2.00	538308	MON	POT			tr	s		tr		2	tr			Q+/-C,Q	2
K-10-150	229.00	231.00	2.00	538309	MON	POT			tr	s		tr		2				Q+/-C,Q	3
K-10-150	231.00	233.00	2.00	538310	MON	POT			tr	s		tr		2				Q+/-C,Q	3
K-10-150	233.00	235.00	2.00	538311	MON	POT			tr	s		tr		2				Q+/-C,Q	3
K-10-150	235.00	237.00	2.00	538312	MON	POT			tr	s		tr		2				Q+/-C,Q	2
K-10-150	237.00	239.00	2.00	538313	MON	POT			tr	s		tr		2				Q+/-C,Q	3
K-10-150	239.00	241.00	2.00	538314	MON	POT			tr	s		tr		2				Q+/-C,Q	2
K-10-150	241.00	243.00	2.00	538316	MON	POT			tr	s		tr		2				Q+/-C,Q	2
K-10-150	243.00	245.00	2.00	538317	MON	POT			tr	s		tr		2				Q+/-C,Q	2
K-10-150	245.00	247.00	2.00	538318	MON	POT			tr	s		tr		2				Q+/-C,Q	3
K-10-150	247.00	250.00	3.00	538319	MON	POT			tr	s		tr		3				Q+/-C,Q	2
K-10-150	250.00	252.00	2.00	538320	MONBRX	SIL	PY		w-m	s		tr	tr	5	tr		tr	Q,Q+C	3
K-10-150	252.00	254.00	2.00	538321	MONBRX	SIL	PY		w-m	s		tr	tr	7	0.5		tr	Q,Q+C	7
K-10-150	254.00	256.00	2.00	538322	MONBRX	SIL	PY		w-m	s		tr	tr	5	tr		tr	Q,Q+C	3
K-10-150	256.00	258.00	2.00	538323	MONBRX	SIL	PY		w-m	s		tr	tr	6	tr			Q,Q+C	3
K-10-150	258.00	259.40	1.40	538324	MONBRX	SIL	PY		w-m	s		tr	tr	5	0.5		tr	Q,Q+C	3
K-10-150	259.40	262.00	2.60	538325	MON	POT			tr	s		tr		3				Q+/-C,Q	2
K-10-150	262.00	264.00	2.00	538326	MON	POT			tr	s		tr		3	tr			Q+/-C,Q	2
K-10-150	264.00	266.00	2.00	538327	MON	POT			tr	s		tr		3	tr			Q+/-C,Q	2
K-10-150	266.00	268.00	2.00	538328	MON	POT			tr	s		tr		2				Q+/-C,Q	2
K-10-150	268.00	270.00	2.00	538329	MON	POT			tr	s		tr		2				Q+/-C,Q	2
K-10-150	270.00	272.00	2.00	538331	MON	POT			tr	s		tr		2				Q+/-C,Q	2
K-10-150	272.00	274.15	2.15	538332	MON	POT			tr	s		tr		4				Q+/-C,Q	3
K-10-150	274.15	276.50	2.35	538333	MD	PY	SIL			tr		w	m-s	8	0.5			Q	3
K-10-150	276.50	278.50	2.00	538334	MD	PY	SIL			tr		w	m-s	20	0.5			Q	4
K-10-150	278.50	280.50	2.00	538335	MD	PY	SIL			tr		w	m-s	7	1.5		tr	Q	3
K-10-150	280.50	282.75	2.25	538336	MD	PY	SIL			tr		w	m-s	10	2.0		tr	Q	3
K-10-150	282.75	285.00	2.25	538337	MON	SIL	PY		w-m	s		tr	tr	8	tr		tr	Q	7
K-10-150	285.00	287.00	2.00	538338	MON	SIL	PY		w-m	s		tr	tr	3	tr		tr	Q	4

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-150	287.00	289.00	2.00	538339	MON	SIL	PY		w-m	s		tr	tr	5	0.5		tr	Q	5
K-10-150	289.00	291.00	2.00	538340	MON	SIL	PY		w-m	s		tr	tr	10	1.5		tr	Q	7
K-10-150	291.00	293.00	2.00	538341	MON	POT		tr	tr	s		tr		2				Q+C	2
K-10-150	293.00	295.00	2.00	538342	MON	POT		tr	tr	s		tr		3	tr			Q+C	2
K-10-150	295.00	297.00	2.00	538343	MON	POT		tr	tr	s		tr		2				Q+C	2
K-10-150	297.00	299.00	2.00	538344	MON	POT		tr	tr	s		tr		2				Q+C	3
K-10-150	299.00	301.00	2.00	538346	MON	POT		tr	tr	s		tr		2				Q+C	2
K-10-150	301.00	303.00	2.00	538347	MON	POT		tr	tr	s		tr		2				Q+C	2
K-10-150	303.00	305.00	2.00	538348	MON	POT		tr	tr	s		tr		2				Q+C	2
K-10-150	305.00	306.10	1.10	538349	MON	POT		tr	tr	s		tr		2				Q+C	3
K-10-150	306.10	308.00	1.90	538350	MON	SIL	PY			w		tr	w-m	10	0.5		tr	Q,Q+C	2
K-10-150	308.00	310.00	2.00	538351	MON	SIL	PY			w		tr	w-m	7	tr			Q,Q+C	2
K-10-150	310.00	312.00	2.00	538352	MON	SIL	PY			w		tr	w-m	10	0.5		tr	Q,Q+C	3
K-10-150	312.00	314.00	2.00	538353	MON	SIL	PY			w		tr	w-m	10	1.5		tr	Q,Q+C	3
K-10-150	314.00	316.00	2.00	538354	MON	SIL	PY			w		tr	w-m	10	0.5		tr	Q,Q+C	3
K-10-150	316.00	318.00	2.00	538355	MON	SIL	PY			w		w	w-m	10	4.0		tr	Q,Q+C	7
K-10-150	318.00	319.85	1.85	538356	MON	SIL	PY			w		w	w-m	7	3.0		tr	Q,Q+C	7
K-10-150	319.85	322.00	2.15	538357	MONBRX	QSP			s	s		tr		10	1.5		tr	Q+C	4
K-10-150	322.00	324.00	2.00	538358	MONBRX	QSP			s	s		tr		7	1.5		tr	Q+C	5
K-10-150	324.00	325.50	1.50	538359	MONBRX	QSP			s	m		tr		5	tr			Q+C	5
K-10-150	325.50	326.70	1.20	538361	MONBRX	QSP			s	m		tr		10	1.5		tr	Q+C	5
K-10-150	326.70	329.00	2.30	538362	MON	POT		tr	tr	s		tr		2				Q+C	4
K-10-150	329.00	331.00	2.00	538363	MON	POT		tr	tr	s		tr		4	tr			Q+C	5
K-10-150	331.00	332.30	1.30	538364	MON	POT		tr	tr	s		tr		2				Q+C	3
K-10-150	332.30	334.00	1.70	538365	MONBRX	SER	POT		s	s				2				Q+C	2
K-10-150	334.00	336.00	2.00	538366	MONBRX	SER	POT		s	s				2				Q+C	3
K-10-150	336.00	338.00	2.00	538367	MONBRX	SER	POT		s	s				4				Q+C	3
K-10-150	338.00	340.00	2.00	538368	MONBRX	SER	POT		s	s				4				Q+C	3
K-10-150	340.00	341.65	1.65	538369	MONBRX	SER	POT		s	s				7	tr			Q+C	3
K-10-150	341.65	344.00	2.35	538370	MON	POT		tr	tr	s		tr		2				Q+C	3
K-10-150	344.00	346.00	2.00	538371	MON	POT		tr	tr	s		tr		2				Q+C	2
K-10-150	346.00	348.00	2.00	538372	MON	POT		tr	tr	s		tr		2	tr			Q+C	3
K-10-150	348.00	350.00	2.00	538373	MON	POT		tr	tr	s		tr		2	tr			Q+C	3
K-10-150	350.00	352.00	2.00	538374	MON	POT		tr	tr	s		tr		2	tr			Q+C	4
K-10-150	352.00	354.00	2.00	538376	MON	POT		tr	tr	s		tr		2	tr			Q+C	3
K-10-150	354.00	355.40	1.40	538377	MON	POT	SIL		m	s				5	1.0			PY,Q+C	5

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-151	36.58	84.75	48.17	Monzonite. Upper ~10 m consists of fractured and broken core. Strong chlorite, and epidote alteration overprinting k-spar alt. Upper ~3 m consisting of moderate to strong hematitic; elsewhere trace. Generally 1-2 py as fine diss., veins and clusters, locally 5-7% associated with silica flooding + chl. Trace cpy and hematite after magnetite. Minor brecciation and m over 10s of cms. 1-2% Q+Cl, Q veins,
K-10-151	84.75	86.10	1.35	Andesite dyke. Dark green in colour with strong chlorite and epidote alteration. Strongly sheared and brecciated. Trace py. Upper contact broken. Lower contact sharp @ ~70° tca.
K-10-151	86.10	97.50	11.40	Monzonite. Description same as (36.58 to 84.73 m), but -mt and ± cpy
K-10-151	97.50	103.02	5.52	Microdiorite Dyke? Dark green in colour, and strongly chloritic. Interval mixed with bands and lenses of monzonite, possibly intensely alt. mon? 1-2% py. Moderately to strongly sheared and brecciated. Upper contact sharp @ ~70° tca. Lower contact broken.
K-10-151	103.02	152.30	49.28	Monzonite. Description same as (36.58 to 84.73 m), but with ~10cm of cataclasite/microbreccia with calcite matrix, above ~50 cm of moderate sericite alt. 3-4% calcite+ qtz veins. Narrow brecciated zones of up to ~50cm. Trace hematite alt, and weak to moderate locally.
K-10-151	152.30	162.90	10.60	Monzonite. Pervasive chlorite alt. Generally 2-3% py as fine diss., veins and clusters; locally up 5% associated with narrow zones of silica flooding of to 10s of cm. Trace cpy. Interval strongly brecciated. Monzonite breccia?
K-10-151	162.90	178.40	15.50	Monzonite. Strong k-spar alt. with moderate to strong sericite alt. Starting @ ~164.1 m, 4-5 zones of discrete microbreccia/cataclasite, and mylonitic shears? Oriented core measurements show structures dipping to the WSW, steeply @ ~-85°.
K-10-151	178.40	233.70	55.30	Monzonite. Strong k-spar alt, sections of intense chlorite + silica + py alt., commonly brecciated? Generally 1-2% py, as fine diss., veins and clusters; locally up to 5% associated with secondary chlorite and silica alt. Trace cpy. Trace hematite alt.
K-10-151	233.70	254.20	20.50	Monzonite. Zones of intense silica+sericite+py+cpy alt. of up to ~1m, overprinting k-spar alt. Generally 2-4% py up to 5-7%, and tr cpy. Strong chlorite and epidote alt, but patchy and discontinuous. 4-3 zones of fault breccia and clay gouge of up to ~4.2 m, but usually less than ~20cm, probably approaching West fault.
K-10-151	254.20	282.80	28.60	Monzonite. Strong k-spar alt with pervasive moderate to strong chlorite and epidote alt. Locally, weak to moderate sericite alt, and trace to weak hematite alt. Generally 1-2% py as fine diss., veins, and clusters, locally up to 3-4% associated with narrow zones of silica+sericite+py± tr cpy of 10s of cms. Minor Andesite dykes of from 20-70 cm.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-151	282.80	283.50	0.70	Andesite dyke. Dark green in colour with strong chlorite and epidote alteration. Trace py. Upper contact broken. Upper and lower contacts sharp @ ~90° to ~70 tca respectively.
K-10-151	283.50	292.20		Monzonite. Description similar to (254.2 to 282.8 m), but with strong k-spar alt and patchy chlorite epidote alt. 1-2% py. Minor Andesite dykes up to ~20 cm.
K-10-151	292.20	296.60	4.40	Monzonite. Strong to intense chlorite and silica alt. 5-7% py as fine diss., veins and clusters, locally up to 15-20% as cm massive cloths and veins. Trace to 0.5 cpy. Interval appears to be strongly brecciated with rare clay gouge.
K-10-151	296.60	309.10	12.50	West Fault Zone. Interval consists largely of fault breccia and clay gouge. Strong clay and sericite alt. 1-2% py.
K-10-151	309.10	324.20	15.10	Monzonite Breccia. Upper ~4 of interval consisting moderate sericite alt. Below this, strong k-spar alt. with zones of silica+chlorite+ py alt. Generally 3-4% py and tr cpy. Interval largely composed of microbreccia.
K-10-151	324.20	340.75	16.55	Monzonite. Interval strongly mineralized consisting of 1-2% cpy and tr bornite, and Mo. Strong silica +sericite+ py alt. 5-7% py.
K-10-151	340.75	376.80	36.05	Monzonite. Strong k-spar alt with patchy sericite alt and trace epidote, and hematite alt. Generally 1-2% py, and tr cpy.
K-10-151	376.80	401.72	24.92	West fault domain. Strong to intense sericite and potassic alt. Alteration destroying primary textures. 5% Cl+Q veins.
		EOH		

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-151	36.58	38.00	1.42	536203	MON	POT				s		tr		2				Q, Q+C	1-2
K-10-151	38.00	40.00	2.00	536204	MON	POT				s		m		2				Q, Q+C	1-2
K-10-151	40.00	42.00	2.00	536205	MON	POT				s		m		4	tr			Q, Q+C	1-2
K-10-151	42.00	44.00	2.00	536206	MON	POT				s		tr		7	tr			Q, Q+C	1-2
K-10-151	44.00	46.00	2.00	536207	MON	POT				s		tr		2				Q, Q+C	1-2
K-10-151	46.00	48.00	2.00	536208	MON	POT				s		tr		2				Q, Q+C	1-2
K-10-151	48.00	50.00	2.00	536209	MON	POT				s		tr		1				Q, Q+C	1-2
K-10-151	50.00	52.00	2.00	536210	MON	POT				s		tr		2				Q, Q+C	2-3
K-10-151	52.00	54.00	2.00	536211	MON	POT				s		tr		2				Q, Q+C	1-2
K-10-151	54.00	56.00	2.00	536212	MON	POT				s		tr		3				Q, Q+C	2-3
K-10-151	56.00	58.00	2.00	536213	MON	POT				s		tr		2				Q, Q+C	1-2
K-10-151	58.00	60.00	2.00	536214	MON	POT				s		tr		3	tr			Q, Q+C	1-2
K-10-151	60.00	62.00	2.00	536216	MON	POT				s		tr	tr	2				Q, Q+C	1-2
K-10-151	62.00	64.00	2.00	536217	MON	POT				s		tr	tr	1				Q, Q+C	1-2
K-10-151	64.00	66.00	2.00	536218	MON	POT				s		tr		1				Q, Q+C	1-2
K-10-151	66.00	68.00	2.00	536219	MON	POT				s				1				Q, Q+C	1-2
K-10-151	68.00	70.00	2.00	536220	MON	POT				s				1				Q, Q+C	1-2
K-10-151	70.00	72.00	2.00	536221	MON	POT				s				1				Q, Q+C	1-2
K-10-151	72.00	74.00	2.00	536222	MON	POT				s				1				Q, Q+C	1-2
K-10-151	74.00	76.00	2.00	536223	MON	POT				s				1				Q, Q+C	1-2
K-10-151	76.00	78.00	2.00	536224	MON	POT				s				2				Q, Q+C	1-2
K-10-151	78.00	80.00	2.00	536225	MON	POT				s				1				Q, Q+C	1-2
K-10-151	80.00	82.00	2.00	536226	MON	POT				s				1				Q, Q+C	1-2
K-10-151	82.00	84.75	2.75	536227	MON	POT				s		tr		1				Q, Q+C	1-2
K-10-151	84.75	86.10	1.35	536228	ANDK							tr		tr				Q, Q+C	1-2
K-10-151	86.10	88.00	1.90	536229	MON	POT				s		tr		1				Q, Q+C	1-2
K-10-151	88.00	90.00	2.00	536231	MON	POT				s				1				Q, Q+C	1-2
K-10-151	90.00	92.00	2.00	536232	MON	POT				s				7	tr			Q, Q+C	1-2
K-10-151	92.00	94.00	2.00	536233	MON	POT				s		tr		1				Q, Q+C	1-2
K-10-151	94.00	96.00	2.00	536234	MON	POT				s		tr		1				Q, Q+C	1-2
K-10-151	96.00	97.50	1.50	536235	MON	POT				s		tr		1				Q, Q+C	1-2
K-10-151	97.50	99.50	2.00	536236	MD									2	tr			Q, Q+C	1-2
K-10-151	99.50	101.50	2.00	536237	MD									1				Q, Q+C	1-2
K-10-151	101.50	103.02	1.52	536238	MD									2	tr			Q, Q+C	1-2
K-10-151	103.02	105.00	1.98	536239	MON	POT			m	s				1				Q+C, Q	3-4
K-10-151	105.00	107.00	2.00	536240	MON	POT				s				1				Q, Q+C	1-2
K-10-151	107.00	109.00	2.00	536241	MON	POT				s		tr		2				Q, Q+C	1-2
K-10-151	109.00	111.00	2.00	536242	MON	POT				s				2				Q, Q+C	1-2
K-10-151	111.00	113.00	2.00	536243	MON	POT				s				1				Q, Q+C	1-2
K-10-151	113.00	115.00	2.00	536244	MON	POT				s				3	tr			Q, Q+C	1-2
K-10-151	115.00	117.00	2.00	536246	MON	POT				s				2	tr			Q, Q+C	1-2
K-10-151	117.00	119.00	2.00	536247	MON	POT				s				1				Q, Q+C	1-2
K-10-151	119.00	121.00	2.00	536248	MON	POT				s				1				Q, Q+C	1-2
K-10-151	121.00	123.00	2.00	536249	MON	POT				s				1				Q, Q+C	1-2
K-10-151	123.00	125.00	2.00	536250	MON	POT				s				1				Q, Q+C	1-2
K-10-151	125.00	127.00	2.00	536251	MON	POT				s				1				Q, Q+C	1-2
K-10-151	127.00	129.00	2.00	536252	MON	POT				s		m		1				Q, Q+C	1-2

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-151	129.00	131.00	2.00	536253	MON	POT				s				1				Q, Q+C	1-2
K-10-151	131.00	133.00	2.00	536254	MON	POT				s		tr		1				Q, Q+C	1-2
K-10-151	133.00	135.00	2.00	536255	MON	POT				s				2				Q+C, Q	2-3
K-10-151	135.00	137.00	2.00	536256	MON	POT				s				2	tr			Q+C, Q	2-3
K-10-151	137.00	139.00	2.00	536257	MON	POT				s				2	tr			Q+C, Q	2-3
K-10-151	139.00	141.00	2.00	536258	MON	POT				s				2				Q+C, Q	1-2
K-10-151	141.00	143.00	2.00	536259	MON	POT				s				1				Q+C, Q	1-2
K-10-151	143.00	145.00	2.00	536261	MON	POT				s				2				Q+C, Q	1-2
K-10-151	145.00	147.00	2.00	536262	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-151	147.00	149.00	2.00	536263	MON	POT				s				1				Q+C, Q	1-2
K-10-151	149.00	151.00	2.00	536264	MON	POT				s				2				Q+C, Q	1-2
K-10-151	151.00	152.30	1.30	536265	MON	POT				s				1				Q+C, Q	1-2
K-10-151	152.30	154.00	1.70	536266	MON	CL	POT			s				3	tr			Q+C, Q	1-2
K-10-151	154.00	156.00	2.00	536267	MON	CL	POT			s				4	tr			Q+C, Q	1-2
K-10-151	156.00	158.00	2.00	536268	MON	CL	POT			s				3	tr			Q+C, Q	1-2
K-10-151	158.00	160.00	2.00	536269	MON	CL	SIL							4	tr			Q+C, Q	1-2
K-10-151	160.00	162.90	2.90	536270	MON	CL	SIL							6	tr			Q+C, Q	1-2
K-10-151	162.90	164.00	1.10	536271	MON	POT			m	s				2				Q+C, Q	1-2
K-10-151	164.00	166.00	2.00	536272	MON	POT			m	s		tr		1				Q+C, Q	2-3
K-10-151	166.00	168.00	2.00	536273	MON	POT			m	s		tr		3				Q+C, Q	2-3
K-10-151	168.00	170.00	2.00	536274	MON	POT			m	s		tr		2				Q+C, Q	3-4
K-10-151	170.00	172.00	2.00	536276	MON	POT			m	s		tr		1				Q+C, Q	4-5
K-10-151	172.00	174.00	2.00	536277	MON	POT			m	s		tr		1				Q+C, Q	3-4
K-10-151	174.00	176.00	2.00	536278	MON	POT			m	s		tr		1				Q+C, Q	3-4
K-10-151	176.00	178.40	2.40	536279	MON	POT			w	s		tr		1				Q+C, Q	4-5
K-10-151	178.40	180.00	1.60	536280	MON	POT				s		tr		1				Q+C, Q	3-4
K-10-151	180.00	182.00	2.00	536281	MON	POT				s		tr		1				Q+C, Q	2-3
K-10-151	182.00	184.00	2.00	536282	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-151	184.00	186.00	2.00	536283	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-151	186.00	188.00	2.00	536284	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-151	188.00	190.00	2.00	536285	MON	POT				s		tr		1	tr			Q+C, Q	1-2
K-10-151	190.00	192.00	2.00	536286	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-151	192.00	194.00	2.00	536287	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-151	194.00	196.00	2.00	536288	MON	POT				s		tr		3	tr			Q+C, Q	2-3
K-10-151	196.00	198.00	2.00	536289	MON	POT	CL			s		tr		3	tr			Q+C, Q	2-3
K-10-151	198.00	200.00	2.00	536291	MON	POT	CL			s		tr		2				Q+C, Q	1-2
K-10-151	200.00	202.00	2.00	536292	MON	POT	CL			s		tr		3	tr			Q+C, Q	1-2
K-10-151	202.00	204.00	2.00	536293	MON	CL	SIL					tr		3	tr			Q+C, Q	1-2
K-10-151	204.00	206.00	2.00	536294	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-151	206.00	208.00	2.00	536295	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-151	208.00	210.00	2.00	536296	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-151	210.00	212.00	2.00	536297	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-151	212.00	214.00	2.00	536298	MON	POT	CL			s				1				Q+C, Q	1-2
K-10-151	214.00	216.00	2.00	536299	MON	POT	CL			s				2				Q+C, Q	1-2
K-10-151	216.00	218.00	2.00	536300	MON	POT				s				3				Q+C, Q	1-2
K-10-151	218.00	220.00	2.00	536301	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-151	220.00	222.00	2.00	536302	MON	POT				s				2				Q+C, Q	1-2
K-10-151	222.00	224.00	2.00	536303	MON	POT				s				1				Q+C, Q	1-2

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-151	224.00	226.00	2.00	536304	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-151	226.00	228.00	2.00	536306	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-151	228.00	230.00	2.00	536307	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-151	230.00	232.00	2.00	536308	MON	POT				s		w		1				Q+C, Q	1-2
K-10-151	232.00	233.70	1.70	536309	MON	POT			w	s		tr		2				Q+C, Q	1-2
K-10-151	233.70	236.00	2.30	536310	MON	POT			w	s		tr		3	tr			Q+C, Q	1-2
K-10-151	236.00	238.00	2.00	536311	MON	POT				s		tr		5	tr			Q+C, Q	1-2
K-10-151	238.00	240.00	2.00	536312	MON	POT				s		tr		3	tr			Q+C, Q	1-2
K-10-151	240.00	242.00	2.00	536313	MON	POT	SIL		w	s				4	tr			Q+C, Q	3-4
K-10-151	242.00	244.00	2.00	536314	MON	POT	SIL		w	s				5	tr			Q+C, Q	3-4
K-10-151	244.00	246.00	2.00	536315	MON	POT				s				3				Q+C, Q	3-4
K-10-151	246.00	248.00	2.00	536316	MON	POT	CL			s				3				Q+C, Q	2-3
K-10-151	248.00	250.00	2.00	536317	MON	POT	SIL		w	s				7	tr			Q+C, Q	2-3
K-10-151	250.00	251.00	1.00	536318	MON	POT				s				3				Q+C, Q	1-2
K-10-151	251.00	253.00	2.00	536319	MON	ARG	POT							1				Q+C, Q	1-2
K-10-151	253.00	254.20	1.20	536321	MON	ARG	POT							2				Q+C, Q	1-2
K-10-151	254.20	256.00	1.80	536322	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-151	256.00	258.00	2.00	536323	MON	POT				s				2				Q+C, Q	2-3
K-10-151	258.00	260.00	2.00	536324	MON	POT				s				2				Q+C, Q	2-3
K-10-151	260.00	262.00	2.00	536325	MON	POT				s				2				Q+C, Q	2-3
K-10-151	262.00	264.00	2.00	536326	MON	POT				s				2				Q+C, Q	2-3
K-10-151	264.00	266.00	2.00	536327	MON	POT				s				3	tr			Q+C, Q	2-3
K-10-151	266.00	268.00	2.00	536328	MON	POT				s				3	tr			Q+C, Q	2-3
K-10-151	268.00	270.00	2.00	536329	MON	POT				s				2				Q+C, Q	3-4
K-10-151	270.00	272.00	2.00	536330	MON	POT				s				2				Q+C, Q	3-4
K-10-151	272.00	274.00	2.00	536331	MON	POT				s				2				Q+C, Q	2-3
K-10-151	274.00	276.00	2.00	536332	MON	POT				s		tr		2				Q+C, Q	2-3
K-10-151	276.00	278.00	2.00	536333	MON	POT	SER		m			w		1				Q+C, Q	2-3
K-10-151	278.00	280.00	2.00	536334	MON	POT	SER		m			tr		1				Q+C, Q	2-3
K-10-151	280.00	282.00	2.00	536336	MON	POT				s		tr		4	tr			Q+C, Q	1-2
K-10-151	282.00	284.00	2.00	536337	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-151	284.00	286.00	2.00	536338	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-151	286.00	288.00	2.00	536339	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-151	288.00	290.00	2.00	536340	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-151	290.00	292.20	2.20	536341	MON	POT						tr		3				Q+C, Q	1-2
K-10-151	292.20	294.20	2.00	536342	MON	CL								10	0.5			Q+C, Q	1-2
K-10-151	294.20	296.60	2.40	536343	MON	CL								7	0.5			Q+C, Q	1-2
K-10-151	296.60	298.00	1.40	536344	MON	POT			w					5				Q+C, Q	1-2
K-10-151	298.00	300.00	2.00	536345	MON	POT			w					3				Q+C, Q	1-2
K-10-151	300.00	302.00	2.00	536346	FLT	SER			s	m-s				2				C,Q+C	1-2
K-10-151	302.00	304.00	2.00	536347	FLT	SER			s	m-s				2				C,Q+C	1-2
K-10-151	304.00	306.00	2.00	536348	FLT	SER			s	m-s				1				C,Q+C	1-2
K-10-151	306.00	308.00	2.00	536349	FLT	SER			s	m-s				1				C,Q+C	1-2
K-10-151	308.00	309.10	1.10	536351	FLT	SER			s	m-s				3				C,Q+C	1-2
K-10-151	309.10	311.00	1.90	536352	MONBRX	POT	SIL		m	s				1				Q+C, Q	1-2
K-10-151	311.00	313.00	2.00	536353	MONBRX	POT	SIL		m	s				2				Q+C, Q	1-2
K-10-151	313.00	315.00	2.00	536354	MONBRX	POT	SIL		w	s				3	tr			Q+C, Q	1-2
K-10-151	315.00	317.00	2.00	536355	MONBRX	POT	SIL		tr	s				4	tr			Q+C, Q	1-2

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-151	317.00	319.00	2.00	536356	MONBRX	POT	SIL		tr	s				4	tr			Q+C, Q	1-2
K-10-151	319.00	321.00	2.00	536357	MONBRX	POT	SIL		tr	s				3				Q+C, Q	1-2
K-10-151	321.00	323.00	2.00	536358	MONBRX	POT	SIL		tr	s				2				Q+C, Q	1-2
K-10-151	323.00	324.20	1.20	536359	MONBRX	POT	SIL		tr	s				3				Q+C, Q	1-2
K-10-151	324.20	326.00	1.80	536360	MON	SIL	SER		s	s				7	1.0		tr	Q	1-2
K-10-151	326.00	328.00	2.00	536361	MON	SIL	SER		s	s				5	1.0		tr	Q	1-2
K-10-151	328.00	330.00	2.00	536362	MON	SIL	SER		s	s				5	2.0		tr	Q	1-2
K-10-151	330.00	332.00	2.00	536363	MON	SIL	SER		s	s				4	tr		tr	Q	1-2
K-10-151	332.00	334.00	2.00	536364	MON	SIL	SER		s	s				3	1.0	tr	tr	Q	1-2
K-10-151	334.00	336.00	2.00	536366	MON	SIL	SER		s	s				4	tr		tr	Q	1-2
K-10-151	336.00	338.00	2.00	536367	MON	SIL	SER		s	s				3	2.0	tr	tr	Q	1-2
K-10-151	338.00	339.40	1.40	536368	MON	SIL	SER		s	s				2	1.0	tr	tr	Q	1-2
K-10-151	339.40	340.75	1.35	536369	MON	SIL	SER		s	s				2	1.0	tr	tr	Q	1-2
K-10-151	340.75	342.00	1.25	536370	MON	POT		tr	w	s		tr		2				Q+C,C	2
K-10-151	342.00	344.00	2.00	536371	MON	POT		tr	w	s		tr		2				Q+C,C	2
K-10-151	344.00	346.00	2.00	536372	MON	POT		tr	w	s		tr		2				Q+C,C	2
K-10-151	346.00	348.00	2.00	536373	MON	POT		tr	w	s		tr		2				Q+C,C	3
K-10-151	348.00	350.00	2.00	536374	MON	POT	SER	tr	m	s		tr		2				Q+C,C	3
K-10-151	350.00	352.00	2.00	536375	MON	POT	SER	tr	m	s		tr		2				Q+C,C	3
K-10-151	352.00	354.00	2.00	536376	MON	POT	SER	tr	m	s		tr		2				Q+C,C	2
K-10-151	354.00	356.00	2.00	536377	MON	POT	SER	tr	w	s		tr		2				Q+C,C	2
K-10-151	356.00	358.00	2.00	536378	MON	POT		tr	w	s		tr		2				Q+C,C	3
K-10-151	358.00	360.00	2.00	536379	MON	POT		tr	w	s		tr		2				Q+C,C	2
K-10-151	360.00	362.00	2.00	536381	MON	POT		tr	w	s		tr		2				Q+C,C	3
K-10-151	362.00	364.00	2.00	536382	MON	POT		tr	w	s		tr		2				Q+C,C	2
K-10-151	364.00	366.00	2.00	536383	MON	POT		tr	w	s		tr		2				Q+C,C	2
K-10-151	366.00	368.00	2.00	536384	MON	POT		tr	w	s		tr		2				Q+C,C	2
K-10-151	368.00	370.00	2.00	536385	MON	POT		tr	w	s		tr		2				Q+C,C	2
K-10-151	370.00	372.00	2.00	536386	MON	POT		tr	w	s		tr		2				Q+C,C	2
K-10-151	372.00	374.00	2.00	536387	MON	POT		tr	w	s		tr		2				Q+C,C	2
K-10-151	374.00	376.80	2.80	536388	MON	POT		tr	w	s		tr		2				Q+C,C	3
K-10-151	376.80	378.00	1.20	536389	MON	SER	POT		s	s		tr		1			tr	Q+C	3
K-10-151	378.00	380.00	2.00	536390	MON	SER	POT		s	s		tr		1			tr	Q+C	3
K-10-151	380.00	382.00	2.00	536391	MON	SER	POT		s	s		tr		1				Q+C	3
K-10-151	382.00	384.00	2.00	536392	MON	SER	POT		s	s		tr		1				Q+C	3
K-10-151	384.00	386.00	2.00	536393	MON	SER	POT		s	s		tr		1				Q+C	3
K-10-151	386.00	388.00	2.00	536394	MON	SER	POT		s	s		tr		1				Q+C	2
K-10-151	388.00	390.00	2.00	536396	MON	SER	POT		s	s		tr		1				Q+C	2
K-10-151	390.00	392.00	2.00	536397	MON	SER	POT		s	s		tr		1				Q+C	3
K-10-151	392.00	394.00	2.00	536398	MON	SER	POT		s	s		tr		1				Q+C	3
K-10-151	394.00	396.00	2.00	536399	MON	SER	POT		s	s		tr		1				Q+C	3
K-10-151	396.00	398.00	2.00	536400	MON	SER	POT		s	s		tr		1				Q+C	3
K-10-151	398.00	400.00	2.00	536401	MON	SER	POT		s	s		tr		1				Q+C	3
K-10-151	400.00	401.72	1.72	536402	MON	SER	POT		s	s		tr		1				Q+C	3

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
k-10-152	48.76	85.70	36.94	Monzonite. Upper ~2 m of interval consists of strong to intense chlorite alteration with 2-3% py as fine diss., veins and clusters. Below, Strong k-spar alt with patchy chlorite+epidote alt. Generally 1-2% py, locally 3-5% py and trace cpy, and Mo associated with narrow zones of silica+chl, of up to ~10-20 cm. Trace hematite alt. Minor microbreccia of up to ~20 cm.
k-10-152	85.70	97.20	11.50	Monzonite. Strong to intense silica+chl+ser+py+cpy alt., overprinting strong k-spar alt. Generally 5-7% py, as fine diss., veins and clusters. Trace to <0.5% cpy. Minor microbreccia over 10-20 cm and clay gouge.
k-10-152	97.20	101.60	4.40	Monzonite. Strong k-spar alt with moderate to strong, and patchy chlorite and epidote alt. Generally 1-2% py. Trace hematite alt.
k-10-152	101.60	104.20	2.60	Monzonite. Intense sericite+silica alt. with trace hematite alt. Minor microbreccia of 5-10 cm.
k-10-152	104.20	109.85	5.65	Monzonite. Description same as (97.20 to 101.6 m)
k-10-152	109.85	110.25	0.40	Andesite Dyke. Upper and lower contacts sharp @ ~50° and ~25° tca respectively. Trace to <1% py. Note: not sampled separately.
k-10-152	110.25	119.20	8.95	Monzonite. Description similar to (97.20 to 101.6 m), but with rare silica+chl alt., consisting of 2-3% py; elsewhere 1-2%. Rare clay+py gouge.
k-10-152	119.20	125.50	6.30	Monzonite Breccia. Strong chlorite+ silica alt., overprinting strong k-spar alt. Generally 3-5% py as fine diss., veins and clusters, locally up to 5-7%, and Trace cpy. 2-3 steeply dipping undulating vertical fractures, 0-5° tca.
k-10-152	125.50	136.50	11.00	Monzonite. Description same as (97.20 to 101.6 m).
k-10-152	136.50	143.30	6.80	Monzonite Breccia. Strong k-spar alt with patchy chlorite and epidote alt. Trace hematite alt. 1-2% py
k-10-152	143.30	152.30	9.00	Monzonite. Upper ~1.5 m consisting of strong silica+chl+ser alt., with 2-3% py, and tr cpy. Below, strong k-spar, and patchy chl+epidote alt with 1-2% py.
k-10-152	152.30	153.30	1.00	Andesite Dyke. Upper contact sharp @ ~65°. Lower contact brecciated and irregular. Trace to 1% py.
k-10-152	153.30	180.30	27.00	Monzonite Breccia. Unit largely a monzo breccia. Strong k-spar alt. with patchy weak to moderate chlorite and epidote alt. Trace hematite alt. Generally 1-3% py, up 3-5% associated with rare narrow zones of silica+sericite? of up to 5-20 cm. Minor Andesite dykes of up to ~50 cm
k-10-152	180.30	184.30	4.00	Monzonite. Strong k-spar with 5-10% Q+C, Q veins. Strong silica+py, and silica chlorite+py alt. Generally 3-5% py as fine diss., and clusters, with trace Mo, and ± cpy.
k-10-152	184.30	250.40	66.10	Monzonite. Upper ~4 m consisting of monzonite breccia. Below, dominantly monzonite with narrow intervals of monzo breccia of up to ~70 cm. Strong k-spar alt. with patchy chlorite and epidote alt. Trace hematite alt. Generally 1-2% py. as fine diss. veins and cluster, and up to 5-7% py associated with zones of up to ~2 m of silica+chlorite alt. containing tr cpy, Mo, and mt. 5-10% Q+C, Q veins

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
k-10-152	250.40	253.30	2.90	Monzonite. Strong k-spar, with strong pervasive silica+chl+py, and tr cpy, and mt. Minor intrusive breccias and rare clay gouge.
k-10-152	253.30	268.00	14.70	Monzonite. Strong k-sapr alt with narrow zones of intense silica+sercite+py alt., with tr cpy of up to ~50 cm. Generally 1-2% py, locally up to 5-7% and 10-15% as fine diss., veins and clusters. Minor intrusive breccias.
k-10-152	268.00	279.20	11.20	Monzonite. Strong k-spar alt with strong pervasive sericite alt. Generally 1-2, locally up to 3-5% as fine diss., veins and clusters, and trace cpy. Rare ~15 cm of healed fault breccia.
k-10-152	279.20	293.50	14.30	Monzonite. Strong k-spar alt. with weak to moderate patchy chlorite and epidote alt. Trace hematite alt. Generally 1-2% py, as fine diss., and veins and trace cpy.
k-10-152	293.50	302.80	9.30	Monzonite. Strong k-spar alt. with rare cloths and veins of 2-3% cpy associated silica flooding+py, and hematite after mt. Trace Mo. Minor milky qtz veins with hematite. Minor intrusvie breccias of 10-20 cm.
k-10-152	302.80	308.30	5.50	Monzonite. Strong k-spar alt with strong chlorite and epodiote alt. 50 cm interval from 308.0-308.5 m, containing ~0.5% Mo as colths veins, and tr cpy associated with qtz veins and strong. hematite alt.
k-10-152	308.30	321.70	13.40	Monzonite. Strong k-spar alt with prevasive weak sericite alt. Intense ser. and silica alt. From 319.6 to 320.9 m with minor crushing and clay gouge, fault?. Trace chlorite and hematite alt. Generally 1-2%, as fine diss., veins and clusters, locally up to 3-5%, trace cpy and tr<0.5% Mo as cloths associated with qtz veins and strong hematite alt.
k-10-152	321.70	361.79	40.09	Monzonite. Strong k-sapr alt with moderate to strong chlorite and epidote alt. Trace hematite alt. Generally 1-2% py. Trace cpy and 3-5% py associated with narrow zones of silica+chl alt. of up to ~1 m. Minor intrusive breccia of up to a 1 m. From 158.1 to 158.8 m, 70 cm of fault breccia and clay gouge. Upper and lower contacts sharp @ ~55° and ~45° tca respectively. West fault domain, sericite altered litho below 302 m.
			EOH	

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-152	48.76	50.90	2.14	536403	MON	CL				s				3				Q+C, Q	1-2
K-10-152	50.90	52.00	1.10	536404	MON	POT	CL			s				2				Q+C, Q	1-2
K-10-152	52.00	54.00	2.00	536405	MON	POT				s				1				Q+C, Q	1-2
K-10-152	54.00	56.00	2.00	536406	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-152	56.00	58.00	2.00	536407	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	58.00	60.00	2.00	536408	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	60.00	62.00	2.00	536409	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	62.00	64.00	2.00	536411	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	64.00	66.00	2.00	536412	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	66.00	68.00	2.00	536413	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	68.00	70.00	2.00	536414	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	70.00	72.00	2.00	536415	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	72.00	74.00	2.00	536416	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	74.00	76.00	2.00	536417	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-152	76.00	78.00	2.00	536418	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	78.00	80.00	2.00	536419	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-152	80.00	82.00	2.00	536420	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-152	82.00	84.00	2.00	536421	MON	POT	SIL			s		tr		5	tr			Q+C, Q	1-2
K-10-152	84.00	85.70	1.70	536422	MON	POT	SIL			s		tr		5	tr			Q+C, Q	1-2
K-10-152	85.70	88.00	2.30	536423	MON	POT	SIL			s				4	tr			Q+C, Q	1-2
K-10-152	88.00	90.00	2.00	536424	MON	SIL	CL		w-m					7	0.5			Q+C, Q	1-2
K-10-152	90.00	92.00	2.00	536426	MON	SIL	CL		w-m					5	tr			Q+C, Q	1-2
K-10-152	92.00	94.00	2.00	536427	MON	POT				s		tr		2				Q+C, Q	1-2
K-10-152	94.00	96.00	2.00	536428	MON	POT			w-m	s				4	tr		tr	Q+C, Q	4-5
K-10-152	96.00	97.20	1.20	536429	MON	POT	CL		w-m	s				3				Q+C, Q	3-4
K-10-152	97.20	99.00	1.80	536430	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	99.00	101.60	2.60	536431	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	101.60	104.20	2.60	536432	MON	SIL			m-s			tr		0				Q+C, Q	3-4
K-10-152	104.20	106.00	1.80	536433	MON	POT				s		tr		tr				Q+C, Q	3-4
K-10-152	106.00	108.00	2.00	536434	MON	POT				s		tr		tr				Q+C, Q	3-4
K-10-152	108.00	110.00	2.00	536435	MON	POT				s		tr		1				Q+C, Q	3-4
K-10-152	110.00	112.00	2.00	536436	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	112.00	114.00	2.00	536437	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	114.00	116.00	2.00	536438	MON	POT	SIL		w-m	s				3				Q+C, Q	1-2
K-10-152	116.00	118.00	2.00	536439	MON	POT				s				1				Q+C, Q	1-2
K-10-152	118.00	119.20	1.20	536441	MON	POT				s				1				Q+C, Q	1-2
K-10-152	119.20	121.00	1.80	536442	MON	POT	CL			s				3	tr			Q+C, Q	1-2
K-10-152	121.00	123.00	2.00	536443	MON	POT	CL			s				7	tr			Q+C, Q	1-2
K-10-152	123.00	125.50	2.50	536444	MON	POT	CL			s				5	tr			Q+C, Q	1-2
K-10-152	125.50	127.00	1.50	536445	MON	POT				s				1				Q+C, Q	1-2
K-10-152	127.00	129.00	2.00	536446	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	129.00	131.00	2.00	536447	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	131.00	133.00	2.00	536448	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	133.00	135.00	2.00	536449	MON	POT				s		tr		tr				Q+C, Q	1-2
K-10-152	135.00	136.50	1.50	536450	MON	POT				s		tr		tr				Q+C, Q	1-2
K-10-152	136.50	138.00	1.50	536451	MON	POT				s		tr		1				Q+C, Q	1-2

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-152	138.00	140.00	2.00	536452	MON	POT				s		tr		1				Q+C, Q	1-2
K-10-152	140.00	142.00	2.00	536453	MON	POT				s		tr		2				Q, Q+C	1-2
K-10-152	142.00	143.30	1.30	536454	MON	POT				s		tr		1	tr			Q, Q+C	1-2
K-10-152	143.30	145.00	1.70	536456	MON	POT	SIL			s		tr		4	tr			Q, Q+C	1-2
K-10-152	145.00	147.00	2.00	536457	MON	POT				s		tr		1				Q, Q+C	1-2
K-10-152	147.00	149.00	2.00	536458	MON	POT				s		tr		1				Q, Q+C	1-2
K-10-152	149.00	151.00	2.00	536459	MON	POT				s		tr		1				Q, Q+C	1-2
K-10-152	151.00	152.30	1.30	536460	MON	POT				s		tr		1				Q, Q+C	1-2
K-10-152	152.30	153.30	1.00	536461	ANDK									1				Q+C, Q	2-3
K-10-152	153.30	156.00	2.70	536462	MONBRX	POT				s		tr		1				Q+C, Q	2-3
K-10-152	156.00	158.00	2.00	536463	MONBRX	POT				s		tr		1				Q+C, Q	2-3
K-10-152	158.00	160.00	2.00	536464	MONBRX	POT			tr	s		tr		1				Q, Q+C, Q	2-3
K-10-152	160.00	162.00	2.00	536465	MONBRX	POT			tr	s		tr		1				Q+C, Q	2-3
K-10-152	162.00	164.00	2.00	536466	MONBRX	POT			tr	s		tr		2				Q+C, Q	2-3
K-10-152	164.00	166.00	2.00	536467	MONBRX	POT			tr	s		tr		1				Q+C, Q	3-4
K-10-152	166.00	168.00	2.00	536468	MONBRX	POT				s				1				Q+C, Q	1-2
K-10-152	168.00	170.00	2.00	536469	MONBRX	POT				s				1				Q+C, Q	1-2
K-10-152	170.00	172.00	2.00	536471	MONBRX	POT				s		tr		1				Q+C, Q	1-2
K-10-152	172.00	174.00	2.00	536472	MONBRX	POT				s		tr		1				Q+C, Q	2-3
K-10-152	174.00	176.00	2.00	536473	MONBRX	POT				s		tr		3				Q+C, Q	2-3
K-10-152	176.00	178.00	2.00	536474	MONBRX	POT				s		tr		3				Q+C, Q	2-3
K-10-152	178.00	180.30	2.30	536475	MONBRX	POT				s		tr		2				Q+C, Q	2-3
K-10-152	180.30	182.30	2.00	536476	MON	POT	SIL			s				3	tr		tr	Q+C, Q	5-10
K-10-152	182.30	184.30	2.00	536477	MON	POT	SIL			s				5	tr			Q+C, Q	5-10
K-10-152	184.30	186.00	1.70	536478	MON	POT				s				2				Q+C, Q	4-5
K-10-152	186.00	188.00	2.00	536479	MON	POT		tr		s		tr		1				Q+C, Q	2-3
K-10-152	188.00	190.00	2.00	536480	MON	POT		tr		s		tr		1				Q+C, Q	2-3
K-10-152	190.00	192.00	2.00	536481	MON	POT	SIL	tr		s				5				Q+C, Q	4-5
K-10-152	192.00	194.00	2.00	536482	MON	POT		tr		s				4				Q+C, Q	5-10
K-10-152	194.00	196.00	2.00	536483	MON	POT		tr		s				3	tr			Q+C, Q	5-10
K-10-152	196.00	198.00	2.00	536484	MON	POT		tr		s				2				Q+C, Q	5-10
K-10-152	198.00	200.00	2.00	536486	MON	POT		tr		s				1				Q+C, Q	5-10
K-10-152	200.00	202.00	2.00	536487	MON	POT		tr		s				2				Q+C, Q	5-10
K-10-152	202.00	204.00	2.00	536488	MON	POT		tr		s				1				Q+C, Q	5-10
K-10-152	204.00	206.00	2.00	536489	MON	POT	SIL	tr		s				5	tr			Q+C, Q	5-7
K-10-152	206.00	208.00	2.00	536490	MON	POT		tr		s				7	tr			Q+C, Q	5-7
K-10-152	208.00	210.00	2.00	536491	MON	POT		tr		s				2				Q+C, Q	5-7
K-10-152	210.00	212.00	2.00	536492	MON	POT		tr		s				2	tr			Q+C, Q	5-7
K-10-152	212.00	214.00	2.00	536493	MON	POT		tr		s				3	tr			Q+C, Q	5-7
K-10-152	214.00	216.00	2.00	536494	MON	POT		tr		s				3				Q+C, Q	5-7
K-10-152	216.00	218.00	2.00	536495	MON	POT		tr		s				3				Q+C, Q	5-7
K-10-152	218.00	220.00	2.00	536496	MON	POT		tr		s				7	tr			Q+C, Q	5-7
K-10-152	220.00	222.00	2.00	536497	MON	POT	SIL	tr		s				4	tr			Q+C, Q	5-7
K-10-152	222.00	224.00	2.00	536498	MON	POT	SIL	tr		s				4	tr			Q+C, Q	5-7
K-10-152	224.00	226.00	2.00	536499	MON	SIL	CHL	tr		m				4	0.5			Q+C, Q	5-7
K-10-152	226.00	228.00	2.00	536501	MON	POT		tr		s		tr		2				Q+C, Q	2-3

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-152	228.00	230.00	2.00	536502	MON	POT		tr		s		tr		1				Q+C, Q	2-3
K-10-152	230.00	232.00	2.00	536503	MON	POT		tr		s				1				Q+C, Q	2-3
K-10-152	232.00	234.00	2.00	536504	MON	POT		tr		s				1				Q+C, Q	2-3
K-10-152	234.00	236.00	2.00	536505	MON	POT		tr		s				2				Q+C, Q	2-3
K-10-152	236.00	238.00	2.00	536506	MON	POT	SIL	tr	tr	s				7	tr		tr	Q+C, Q	2-3
K-10-152	238.00	240.00	2.00	536507	MON	SIL	CHL	tr		m				5	tr			Q+C, Q	2-3
K-10-152	240.00	242.00	2.00	536508	MON	SIL	CHL	tr		m				4				Q+C, Q	2-3
K-10-152	242.00	244.00	2.00	536509	MON	POT		tr		s				1				Q+C, Q	2-3
K-10-152	244.00	246.00	2.00	536510	MON	POT		tr		s				1				Q+C, Q	2-3
K-10-152	246.00	248.00	2.00	536511	MON	POT		tr		s				3				Q+C, Q	2-3
K-10-152	248.00	250.40	2.40	536512	MON	POT		tr		s				1				Q+C, Q	2-3
K-10-152	250.40	252.00	1.60	536513	MON	SIL	CHL			m			tr	4	tr			Q+C, Q	2-3
K-10-152	252.00	253.50	1.50	536514	MON	SIL	CHL			w			tr	4	tr			Q+C, Q	2-3
K-10-152	253.50	255.00	1.50	536516	MON	SIL	SER		s	m				10	tr			Q+C, Q	2-3
K-10-152	255.00	257.00	2.00	536517	MON	POT		tr		s		w		2				Q+C, Q	2-3
K-10-152	257.00	259.00	2.00	536518	MON	SIL	SER		s	s				7	tr			Q+C, Q	2-3
K-10-152	259.00	261.00	2.00	536519	MON	POT	SIL		m	s				4				Q+C, Q	2-3
K-10-152	261.00	263.00	2.00	536520	MON	POT			w-m	s				3				Q+C, Q	2-3
K-10-152	263.00	265.00	2.00	536521	MON	POT			w	s				2				Q+C	2-3
K-10-152	265.00	267.00	2.00	536522	MON	POT	SIL		w-m	s				4	1.0			Q+C	2-3
K-10-152	267.00	268.00	1.00	536523	MON	POT				s				2				Q+C	2-3
K-10-152	268.00	270.00	2.00	536524	MON	POT				s				2				Q+C	2-3
K-10-152	270.00	272.00	2.00	536525	MON	SER	POT		s	s				3	tr			Q+C	2-3
K-10-152	272.00	274.00	2.00	536526	MON	SER	POT		s	s				3	tr			Q+C	2-3
K-10-152	274.00	276.00	2.00	536527	MON	SER	POT		s	s				2				Q+C	2-3
K-10-152	276.00	278.00	2.00	536528	MON	SER	POT		m	s				2				Q+C	2-3
K-10-152	278.00	279.20	1.20	536529	MON	SER	POT		m	s				2				Q+C	2-3
K-10-152	279.20	281.00	1.80	536531	MON	POT			w	s				2				Q+C	2-3
K-10-152	281.00	283.00	2.00	536532	MON	POT			w	s		tr		2				Q+C	2-3
K-10-152	283.00	285.00	2.00	536533	MON	POT			w	s		tr		3	tr			Q+C	2-3
K-10-152	285.00	287.00	2.00	536534	MON	POT			w	s		tr		2				Q+C	2-3
K-10-152	287.00	289.00	2.00	536535	MON	POT			w	s		tr		3				Q+C	2-3
K-10-152	289.00	291.00	2.00	536536	MON	POT		tr	tr	s				2				Q+C	2-3
K-10-152	291.00	292.00	1.00	536537	MON	POT		tr	tr	s				2				Q+C	2-3
K-10-152	292.00	293.50	1.50	536538	MON	POT		tr	tr	s				2				Q+C	2-3
K-10-152	293.50	296.00	2.50	536539	MON	POT		tr	tr	s		w	tr	3	1.0		tr	Q+C	5
K-10-152	296.00	298.00	2.00	536540	MON	POT	SIL	tr	tr	s		w	tr	4	2.0			Q	6
K-10-152	298.00	300.00	2.00	536541	MON	POT			w	s				3	tr			Q	3
K-10-152	300.00	302.80	2.80	536542	MON	POT	SIL			s		w-m	tr	4	4.0		tr	Q	4
K-10-152	302.80	304.00	1.20	536543	MON	POT		tr	tr	s		w		2				Q+C	2-3
K-10-152	304.00	306.00	2.00	536544	MON	POT		tr	tr	s		w		2				Q+C	2-3
K-10-152	306.00	308.30	2.30	536546	MON	POT	SIL	tr	tr	s				3	0.5		0.3	Q	7
K-10-152	308.30	310.00	1.70	536547	MON	SER	POT		s	s		w		1				Q+C	2-3
K-10-152	310.00	312.00	2.00	536548	MON	SER	POT		s	s		w		1				Q+C	2-3
K-10-152	312.00	314.00	2.00	536549	MON	SER	POT		s	s		w		1				Q+C	2-3
K-10-152	314.00	316.00	2.00	536550	MON	SER	POT		s	s		w		3				Q+C	2-3

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-152	316.00	318.00	2.00	536551	MON	SER	POT		s	s		w		3	tr		tr	Q	7
K-10-152	318.00	320.00	2.00	536552	MON	SER	POT		s	s		w		3				Q+C	2-3
K-10-152	320.00	321.70	1.70	536553	FTZ	SER			s					1				Q+C	2-3
K-10-152	321.70	324.00	2.30	536554	MON	POT		tr	w	s		tr		2				Q+C	2-3
K-10-152	324.00	326.00	2.00	536555	MON	POT		tr	tr	s		tr		2				Q+C	2-3
K-10-152	326.00	328.00	2.00	536556	MON	SIL	CHL	tr	tr	m		tr		4	tr			Q+C	2-3
K-10-152	328.00	330.00	2.00	536557	MON	POT		tr	tr	s		tr		2				Q+C	2-3
K-10-152	330.00	332.00	2.00	536558	MON	POT		tr	tr	s		tr		2				Q+C	2-3
K-10-152	332.00	334.00	2.00	536559	MON	POT		tr	tr	s		tr		2				Q+C	2-3
K-10-152	334.00	336.00	2.00	536561	MON	POT		tr	tr	s		tr		2				Q+C	2-3
K-10-152	336.00	338.00	2.00	536562	MON	POT		tr	tr	s		tr		2				Q+C	2-3
K-10-152	338.00	340.00	2.00	536563	MON	POT		tr	w	s		tr		2	tr			Q+C	2-3
K-10-152	340.00	342.00	2.00	536564	MON	POT		tr	tr	s		tr		2				Q+C	2-3
K-10-152	342.00	344.00	2.00	536565	MON	SER	POT		s	m		tr		1				Q+C	2-3
K-10-152	344.00	346.00	2.00	536566	MON	SER	POT		s	m		tr		2				Q+C	2-3
K-10-152	346.00	348.00	2.00	536567	MON	SER	POT		s	m		tr		2				Q+C	2-3
K-10-152	348.00	350.00	2.00	536568	MON	SER	POT		s	m		tr		1				Q+C	2-3
K-10-152	350.00	352.00	2.00	536569	MON	SER	POT		s	m		tr		1				Q+C	2-3
K-10-152	352.00	354.00	2.00	536570	MON	SER	POT		s	m		tr		2				Q+C	2-3
K-10-152	354.00	356.00	2.00	536571	MON	SER	POT		s	m		tr		2	tr			Q+C	2-3
K-10-152	356.00	358.00	2.00	536572	MON	SER	POT		s	m		tr		2	tr			Q+C	2-3
K-10-152	358.00	360.00	2.00	536573	MON	SER	POT		s	m		tr		1				Q+C	2-3
K-10-152	360.00	361.79	1.79	536574	MON	SER	POT		s	m		tr		2				Q+C	2-3

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-153	0.00	28.00	28.00	Casing/Overburden
K-10-153	28.00	68.00	40.00	Monzonite. Typical south zone litho. Pervasive, strong kspar>>epidote alteration. Largely barren with ~10% dark grey to black zones of chl+py/-sil flooding with trace cpy. 20 cm wide calcite+hem cemented crackle breccia with 3-4% cpy over the 20 cm. Gr 0 with Gr 1-2 narrow intvls.
K-10-153	68.00	69.45	1.45	Mineralized monzonite. Zone of intense chl+py+/-sil flooding with magnetite and hematite after(?) magnetite. 2-3% cpy disseminated and with calcite+my+hem veins. Gr 3.
K-10-153	69.45	72.85	3.40	Monzonite. Same as from 28-60 m depth.
K-10-153	72.85	82.00	9.15	Monzonite Breccia. Rare, narrow andesite dyke fingers. Pervasive potassic alteration, overprinted by pathy, locally strong chlorite+epidote (propylitic) alteration, concentrated in zones of stronger brecciation. Patchy, weak sil+/-py flooding. Gr 0.
K-10-153	82.00	111.00	29.00	Monzonite breccia (? Could just be alteration). Pervasive, generally strong to intense sil++chl+py+ser alteration, liekly overprinting kspar. Patchy secondary biotite alteration. 1-3% grey quartz veins and local, narrow calcite+hem+mt cemented crackle breccias commonly with cpy+Mo. Decrease in intensity of alteration below 95 m. Cpy within sil+py flooding and crackle breccias. Grade 1 to low grade 2 overall.
K-10-153	111.00	140.20	29.20	Monzonite. Strongly to intensely sericite+/-potassic altered, abundant shearing with clay gouge. Trace cpy+Mo along qtz+calcite veins and within rare sil+py flooded zones. Gr 1 due to Mo.
K-10-153	140.20	206.95	66.75	Monzonite. Similar to above interval but patchy sericite altn. Strongly to intensely potassic+/-sericite altered. Low sulfide content. Localized dissemns of cpy along grey qtz and white+calcite+hem veins and within fairly rare sil+py flooded zones. Mo rarely along fractures. Gr 0-1.
K-10-153	206.95	216.95	10.00	Monzonite Breccia. Tectonically brecciated monzonite. Strongly to intensely sericite altered, overprinting kspar altn. Several narrow intervals of clay gouge and clay alteration along fractures. Hematite along fractures and within gouge. Gr 0
K-10-153	216.95	222.30	5.35	Diorite dyke. Contacts are sharp but faulted and irregular. Looks very similar to diorite body encountered in K-144 east of east fault. Perhaps we passed through east fault? Weak kspar altn. Mafics are completely chloritized. Gr 0
K-10-153	222.30	252.70	30.40	Mottled diorite and monzonite contact zone. Strongly tectonically brecciated in places. Diorite dyke fingers intruding into kspar+sericite altered monzonite. Monzonite may just be country rock xenoliths. Mostly diorite as above. Vfg cpy within a greyish-white qtz veins and as vfg dissemns. Gr 0-1.
K-10-153	252.70	255.10	2.40	Tectonic breccia. Contact between mixed zone and significant diorite body to east. Fine grained matrix with clasts of diorite and monzonite.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-153	255.10	274.01	18.91	Diorite. Medium grained, equigranular hornblende diorite. Same unit as encountered east in K-144 and to the northeast. Chloritization of mafics, weak kspar altn of feldspars. Pervasive weak epidote altn. Cm size grey qtz veining and weak sil flooding from 269.8-271 m depth with tr cpy.
		EOH		

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-153	28.00	30.00	2.00	538378	MON	POT		tr	tr	s		tr		4	tr			Q+C,C	2
K-10-153	30.00	32.00	2.00	538379	MON	POT		tr	tr	s		tr		3				Q+C,C	2
K-10-153	32.00	34.00	2.00	538380	MON	POT		tr	tr	s		tr		3				Q+C,C	2
K-10-153	34.00	36.00	2.00	538381	MON	POT		tr	tr	s		tr		2				Q+C,C	2
K-10-153	36.00	38.00	2.00	538382	MON	POT		tr	tr	s		tr		2				Q+C,C	2
K-10-153	38.00	40.00	2.00	538383	MON	POT		tr	tr	s		tr		2	tr			Q+C,C	2
K-10-153	40.00	42.00	2.00	538384	MON	POT		tr	tr	s		tr		3	tr			Q+C,C	3
K-10-153	42.00	44.00	2.00	538385	MON	POT		tr	tr	s		tr		2				Q+C,C	3
K-10-153	44.00	46.00	2.00	538386	MON	POT	SIL	tr	tr	s		w		4	2.0		tr	C+H	2
K-10-153	46.00	48.00	2.00	538387	MON	POT		tr	tr	s		tr		2	tr			Q+C,C	2
K-10-153	48.00	50.00	2.00	538388	MON	POT		tr	tr	s		tr		4				Q+C,C	3
K-10-153	50.00	52.00	2.00	538389	MON	POT		tr	tr	s		tr		2				Q+C,C	3
K-10-153	52.00	54.00	2.00	538391	MON	POT		tr	tr	s		tr		2				Q+C,C	2
K-10-153	54.00	56.00	2.00	538392	MON	POT		tr	tr	s		tr		3	tr			Q+C,C	2
K-10-153	56.00	58.00	2.00	538393	MON	POT		tr	tr	s		tr		2				Q+C,C	2
K-10-153	58.00	60.00	2.00	538394	MON	POT		tr	tr	s		tr		2	tr			Q+C,C	2
K-10-153	60.00	62.00	2.00	538395	MON	POT		tr	tr	s		tr		2	1.0			Q+C,C	3
K-10-153	62.00	64.00	2.00	538396	MON	POT		tr	tr	s		tr		2				Q+C,C	3
K-10-153	64.00	66.00	2.00	538397	MON	POT		tr	tr	s		tr		2				Q+C,C	3
K-10-153	66.00	68.00	2.00	538398	MON	POT		tr	tr	s		tr		2				Q+C,C	2
K-10-153	68.00	69.45	1.45	538399	MON	SIL	PY		w	s		w	w	4	4.0		tr	C+H	2
K-10-153	69.45	71.00	1.55	538400	MON	POT		tr	tr	s		tr		2				Q+C,C	2
K-10-153	71.00	72.85	1.85	538401	MON	POT		tr	tr	s		tr		2				Q+C,C	2
K-10-153	72.85	74.00	1.15	538402	MONBRX	POT	PROP	w-m	tr	s		w		3				Q+C,C	2
K-10-153	74.00	76.00	2.00	538403	MONBRX	POT	PROP	w-m	tr	s		w		3				Q+C,C	2
K-10-153	76.00	78.00	2.00	538404	MONBRX	POT	PROP	w-m	tr	s		w		3				Q+C,C	3
K-10-153	78.00	80.00	2.00	538406	MONBRX	POT	PROP	w-m	tr	s		w		3				Q+C,C	3
K-10-153	80.00	82.00	2.00	538407	MONBRX	POT	PROP	w-m	tr	s		w		3				Q+C,C	3
K-10-153	82.00	84.00	2.00	538408	MONBRX	SIL	PY		m	w-s		tr		5	tr			Q+C,Q	3
K-10-153	84.00	86.00	2.00	538409	MONBRX	SIL	PY		m	w-s		tr		5	tr			Q+C,Q	2
K-10-153	86.00	88.00	2.00	538410	MONBRX	SIL	PY		m	w-s		tr		5	tr			Q+C,Q	3
K-10-153	88.00	90.00	2.00	538411	MONBRX	SIL	PY		m	w-s		tr		5	tr			Q+C,Q	3
K-10-153	90.00	92.00	2.00	538412	MONBRX	SIL	PY		m	w-s		tr		5	0.5			Q+C,Q	3
K-10-153	92.00	94.00	2.00	538413	MONBRX	SIL	PY		m	w-s		tr		5	tr			Q+C,Q	3
K-10-153	94.00	96.00	2.00	538414	MONBRX	SIL	PY		m	w-s		tr		7	1.0		tr	Q+C,Q	4
K-10-153	96.00	98.00	2.00	538415	MONBRX	POT	SIL	tr	w	s		tr		3	tr			Q+C,Q	3
K-10-153	98.00	100.00	2.00	538416	MONBRX	POT	SIL	tr	w	s		tr		3	tr			Q+C,Q	3
K-10-153	100.00	102.00	2.00	538417	MONBRX	POT	SIL	tr	w	s		tr		2	3.0			Q+C,Q	3
K-10-153	102.00	104.00	2.00	538418	MONBRX	POT	SIL	tr	w	s		tr		2	tr			Q+C,Q	2
K-10-153	104.00	106.00	2.00	538419	MONBRX	POT	SIL	tr	w	s		tr		2				Q+C,Q	2
K-10-153	106.00	108.00	2.00	538421	MONBRX	POT	SIL	tr	w	s		tr		4	0.5			Q+C,Q	5
K-10-153	108.00	110.00	2.00	538422	MONBRX	POT	SIL	tr	w	s		tr		4				Q+C,Q	2
K-10-153	110.00	111.00	1.00	538423	MONBRX	POT	SIL	tr	w	s		tr		2				Q+C,Q	3
K-10-153	111.00	113.00	2.00	538424	MON	SER	POT		s	w-s		tr		2			tr	Q+C	3
K-10-153	113.00	115.00	2.00	538425	MON	SER	POT		s	w-s		tr		2			tr	Q+C	3
K-10-153	115.00	117.00	2.00	538426	MON	SER	POT		s	w-s		tr		3				Q+C	3
K-10-153	117.00	119.00	2.00	538427	MON	SER	POT		s	w-s		tr		3			tr	Q+C	3

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-153	119.00	121.00	2.00	538428	MON	SER	POT		s	w-s		tr		3			tr	Q+C	3
K-10-153	121.00	123.00	2.00	538429	MON	SER	POT		s	w-s		tr		2			tr	Q+C	3
K-10-153	123.00	125.00	2.00	538430	MON	SER	POT		s	w-s		tr		3	tr		tr	Q+C	3
K-10-153	125.00	127.00	2.00	538431	MON	SER	POT		s	w-s		tr		2	tr		tr	Q+C	3
K-10-153	127.00	129.00	2.00	538432	MON	SER	POT		s	w-s		tr		3			tr	Q+C	3
K-10-153	129.00	131.00	2.00	538433	MON	SER	POT		s	w-s		tr		2			tr	Q+C	3
K-10-153	131.00	133.00	2.00	538434	MON	SER	POT		s	w-s		tr		2			tr	Q+C	3
K-10-153	133.00	135.00	2.00	538436	MON	SER	POT		s	w-s		tr		3			tr	Q+C	3
K-10-153	135.00	137.00	2.00	538437	MON	SER	POT		s	w-s		tr		3				Q+C	3
K-10-153	137.00	139.00	2.00	538438	MON	SER	POT		s	w-s		tr		3				Q+C	3
K-10-153	139.00	140.20	1.20	538439	MON	SER	POT		s	w-s		tr		3				Q+C	3
K-10-153	140.20	142.00	1.80	538440	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	2
K-10-153	142.00	144.00	2.00	538441	MON	POT	SER		w-s	s		tr		2	1.0			Q,Q+C+H	2
K-10-153	144.00	146.00	2.00	538442	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	3
K-10-153	146.00	148.00	2.00	538443	MON	POT	SER		w-s	s		tr		1				Q,Q+C+H	4
K-10-153	148.00	150.00	2.00	538444	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	3
K-10-153	150.00	152.00	2.00	538445	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	3
K-10-153	152.00	154.00	2.00	538446	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	3
K-10-153	154.00	156.00	2.00	538447	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	3
K-10-153	156.00	158.00	2.00	538448	MON	POT	SER		w-s	s		tr		2	1.0			Q,Q+C+H	2
K-10-153	158.00	160.00	2.00	538449	MON	POT	SER		w-s	s		tr		2	1.0			Q,Q+C+H	2
K-10-153	160.00	162.00	2.00	538451	MON	POT	SER		w-s	s		tr		1	tr			Q,Q+C+H	3
K-10-153	162.00	164.00	2.00	538452	MON	POT	SER		w-s	s		tr		2	2.0			Q,Q+C+H	3
K-10-153	164.00	166.00	2.00	538453	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	3
K-10-153	166.00	168.00	2.00	538454	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	2
K-10-153	168.00	170.00	2.00	538455	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	2
K-10-153	170.00	172.00	2.00	538456	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	3
K-10-153	172.00	174.00	2.00	538457	MON	POT	SER		w-s	s		tr		2	tr			Q,Q+C+H	3
K-10-153	174.00	176.00	2.00	538458	MON	POT	SER		w-s	s		tr		2	0.5			Q,Q+C+H	3
K-10-153	176.00	178.00	2.00	538459	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	3
K-10-153	178.00	180.00	2.00	538460	MON	POT	SER		w-s	s		tr		1				Q,Q+C+H	4
K-10-153	180.00	182.00	2.00	538461	MON	POT	SER		w-s	s		tr		2	tr		tr	Q,Q+C+H	2
K-10-153	182.00	184.00	2.00	538462	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	3
K-10-153	184.00	186.00	2.00	538463	MON	POT	SER		w-s	s		tr		2	tr			Q,Q+C+H	2
K-10-153	186.00	188.00	2.00	538464	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	2
K-10-153	188.00	190.00	2.00	538466	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	2
K-10-153	190.00	192.00	2.00	538467	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	2
K-10-153	192.00	194.00	2.00	538468	MON	POT	SER		w-s	s		tr		2			tr	Q,Q+C+H	3
K-10-153	194.00	196.00	2.00	538469	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	3
K-10-153	196.00	198.00	2.00	538470	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	4
K-10-153	198.00	200.00	2.00	538471	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	3
K-10-153	200.00	202.00	2.00	538472	MON	POT	SER		w-s	s		tr		2				Q,Q+C+H	3
K-10-153	202.00	204.00	2.00	538473	MON	POT	SER		w-s	s		tr		2	0.5			Q,Q+C+H	3
K-10-153	204.00	206.95	2.95	538474	MON	POT	SER		w-s	s		tr		2				Q+C	2
K-10-153	206.95	209.00	2.05	538475	FTZ	SER	POT		s	m		w		1				Q+C	2
K-10-153	209.00	211.00	2.00	538476	FTZ	SER	POT		s	m		w		1				Q+C	3
K-10-153	211.00	213.00	2.00	538477	FTZ	SER	POT		s	m		w		1				Q+C	3
K-10-153	213.00	215.00	2.00	538478	FTZ	SER	POT		s	m		w		1	tr			Q+C	3

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-153	215.00	216.95	1.95	538479	FTZ	SER	POT		s	m		w		1	tr			Q+C	3
K-10-153	216.95	218.50	1.55	538481	DIO	PROP		s		w		tr		1	tr			Q,Q+C	3
K-10-153	218.50	220.50	2.00	538482	DIO	PROP		s		w		tr		1				Q,Q+C	3
K-10-153	220.50	222.30	1.80	538483	DIO	PROP		s		w		tr		1				Q,Q+C	2
K-10-153	222.30	224.00	1.70	538484	DIO	PROP	POT	s		m		tr		2				Q,Q+C	2
K-10-153	224.00	226.00	2.00	538485	DIO	PROP	POT	s		m		tr		2	tr			Q,Q+C	4
K-10-153	226.00	228.00	2.00	538486	DIO	PROP	POT	s		m		tr		2				Q,Q+C	3
K-10-153	228.00	230.00	2.00	538487	DIO	PROP	POT	s		m		tr		2	0.5			Q,Q+C	3
K-10-153	230.00	232.00	2.00	538488	DIO	PROP	POT	s		m		tr		2	tr			Q,Q+C	3
K-10-153	232.00	234.00	2.00	538489	DIO	PROP	POT	s		m		tr		1				Q,Q+C	2
K-10-153	234.00	236.00	2.00	538490	DIO	PROP	POT	s		m		tr		1	0.5			Q,Q+C	2
K-10-153	236.00	238.00	2.00	538491	DIO	PROP	POT	s		m		tr		1				Q,Q+C	2
K-10-153	238.00	240.00	2.00	538492	DIO	PROP	POT	s		m		tr		1				Q,Q+C	2
K-10-153	240.00	242.00	2.00	538493	DIO	PROP	POT	s		m		tr		1	tr			Q,Q+C	2
K-10-153	242.00	244.00	2.00	538494	DIO	PROP	POT	s		m		tr		1	tr			Q,Q+C	2
K-10-153	244.00	246.00	2.00	538496	DIO	PROP	POT	s		m		tr		1				Q,Q+C	3
K-10-153	246.00	248.00	2.00	538497	DIO	PROP	POT	s		m		tr		1				Q,Q+C	3
K-10-153	248.00	250.00	2.00	538498	DIO	PROP	POT	s		m		tr		1				Q,Q+C	2
K-10-153	250.00	252.70	2.70	538499	DIO	PROP	POT	s		m		tr		1				Q,Q+C	2
K-10-153	252.70	255.10	2.40	538500	TBRX	PROP		s		w		w		1				Q,Q+C	3
K-10-153	255.10	257.00	1.90	538501	DIO	CHL		s		w		tr		1				Q,Q+C	2
K-10-153	257.00	259.00	2.00	538502	DIO	CHL		s		w		tr		1				Q,Q+C	2
K-10-153	259.00	261.00	2.00	538503	DIO	CHL		s		w		tr		1				Q,Q+C	2
K-10-153	261.00	263.00	2.00	538504	DIO	CHL		s		w		tr		1				Q,Q+C	2
K-10-153	263.00	265.00	2.00	538505	DIO	CHL		s		w		tr		1				Q,Q+C	2
K-10-153	265.00	267.00	2.00	538506	DIO	CHL		s		w		tr		2			tr	Q,Q+C	2
K-10-153	267.00	269.00	2.00	538507	DIO	CHL		s		w		tr		2				Q,Q+C	2
K-10-153	269.00	271.00	2.00	538508	DIO	CHL		s		w		tr		2	tr			Q,Q+C	2
K-10-153	271.00	273.00	2.00	538509	DIO	CHL		s		w		tr		2				Q,Q+C	2
K-10-153	273.00	274.01	1.01	538511	DIO	CHL		s		w		tr		2				Q,Q+C	2

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-154	36.57	54.25	17.68	Monzonite. Pervasive silica+chlorite alt., overprinting strong k-spar alt. Generally 3-5% py as fine diss., veins and clusters up to 5-7% as veins and cm sized cloths, and trace cpy. Moderate to strong shearing observed with zones of up to ~1 m, but usually less than 10-15 cm with strong sericite alt. Rare clay gouge. Grade rating of 1.
K-10-154	54.25	87.38	33.13	Monzonite. Strong k-spar alt. with patchy weak to strong chlorite epidote alt, and trace hematite alt. Generally 1-2 py as fine diss., and clusters, up to 5% locally in rare silica+chl alt. zones/blotches of 10-20 cms. Trace cpy. 2-3% qtz veins and rare intrusive breccia and andesite dykes of 10-20 cm. Grade rating of 0, locally 1.
K-10-154	87.38	107.30	19.92	Monzonite. Description similar to (36.57 to 54.25 m), but with only weak rare shears of <10 cm, and minor intrusive breccia of 5-10 cm. Grade rating of 1
K-10-154	107.30	109.90	2.60	Monzonite. Strong to intense pervasive sericite, argillic? alt. Generally 2-3% py as fine diss., and clusters. Minor microbreccia of 2-5 cm. From 109.6 to 109.75 m, discrete shear zone with intense argillic alt. Grade rating of 0.
K-10-154	109.90	114.50	4.60	Monzonite. Strong k-sapr alt. with strong silica flooding and patchy chl+sericite alt. Generally 3-5% py as fine diss., veins and clusters. Grade rating of 0.
K-10-154	114.50	118.72	4.22	Monzonite. Pervasive silica+chlorite alt. Generally 3-5% py as fine diss., veins and clusters, and trace cpy. Interval moderately sheared, and locally brecciated? with rare clay gouge. Lower ~80 cm of interval consists of coarse milky qtz veins of up to ~15 cm. Grade rating of 0-1.
K-10-154	118.72	146.90	28.18	Monzonite. Alteration pattern and % mineralization similar to (54.25 to 87.38 m). Silica+chl+py zones of up to ~70 cm, but usually <10 cm mottling core. Minor intrusive breccia of up to 30-40 cm. Rare andesite dykes of 20-30 cm. Grade rating of 0.
K-10-154	146.90	147.90	1.00	Andesite Dyke. Strongly fractured and broken with <1% py. Upper contact sharp @ ~50° tca. Lower contact broken @ ~70°.
K-10-154	147.90	166.60	18.70	Monzonite/Monzonite breccia. Strong k-spar alt. with weak to strong chlorite and epidote alt. Generally 1-2% py, as fine diss., and clusters up to 3-5% locally associated with narrow zones of silica+chl±cpy, of up to 10-20 cm. ~40% of the interval consists of intrusive breccias of up to ~1m, and are commonly associated with weak to moderated hematite alt. Grade rating of 0-1.
K-10-154	166.60	189.80	23.20	Monzonite. Weak to strong sericite+silica alt., overprinting strong k-spar alt. Generally 1-2% py as fine diss., veins and clusters. 2 discrete shear zones of ~50 and ~30 cm. Shear planes @ ~45° tca. Minor clay with 2-3% py.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-154	189.80	249.80	60.00	Monzonite. Dominantly strong k-spar alt. with moderate to strong chlorite and epidote alt. Zones of up to ~1m, but generally <0.5 m of strong to intense silica+chlorite alt., containing 3-5% py, tr to 1-2% cpy. Trace mt. elsewhere 1-2% as blebs and fine diss., Intervals of intrusive breccia of up to ~1 cm, and minor microbreccia and shearing over 10-20 cm. Grade rating 1, locally 2-3.
K-10-154	249.80	262.00	12.20	Monzonite. Probably the beginning of the west fault domain. Strong to intense and pervasive ch+silicl+py alt, with trace cpy. Interval dominantly strongly sheared and brecciated? with trace to weak clay alt. Minor fault breccia of 10-20 cm. Grade rating 0-1.
K-10-154	262.00	277.30	15.30	Monzonite. Strong to intense and pervasive sericite and argillic alt. partially to totally destroying primary textures. Generally 1-3% py with tr cpy. Rare shearing and minor microbreccia? of 10-30 cm. Grade rating 0-1.
K-10-154	277.30	299.00	21.70	Monzonite. Strong to intense chl+silica+ py alt with weak to moderate clay alt. Generally 3-5% py as fine diss., veins and clusters, and tr cpy as rare blebs. Minor fault breccia of 10-30 cm. From 289.5-299.0 m ~50 cm of fault gouge. Grade rating 0-1.
K-10-154	299.00	313.13	14.13	Monzonite. Strong k-spar alt with weak to strong chlorite and epidote alt. Trace hematite alt. Generally 1-2%, locally up to 3-5% associated with narrow zones of silica+sericite±cpy and silica+chl. Trace hematite after magnetite. Fault breccia and microbreccia observed of up to 60 cm. From ~303-305 m, most likely through the locale of the west fault and into the hangwall. Below ~305 m, core less alt., only tr clay alt. observed, more competent, and less brecciated and crushed looking.
K-10-154	313.13	337.72	24.59	Monzonite. Strong k-spar alt. with trace to moderate sericite+silica alt. Trace hematite alt. Generally 1-2% py and trace cpy. Rare fault breccia and microbreccia of 10-30 cm, and clay gouge/mylonitic shearing? locally of 5cm.
		EOH		

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-154	36.75	38.00	1.25	536576	MON	POT	SIL			s				2				Q,Q+C	1-2
K-10-154	38.00	40.00	2.00	536577	MON	POT	SIL			s				3				Q,Q+C	1-2
K-10-154	40.00	42.00	2.00	536578	MON	POT	SIL		s	s				3				Q,Q+C	1-2
K-10-154	42.00	44.00	2.00	536579	MON	POT				s				2				Q,Q+C	1-2
K-10-154	44.00	46.00	2.00	536580	MON	POT				s				3	tr			Q,Q+C	1-2
K-10-154	46.00	48.00	2.00	536581	MON	POT	SIL			s				5	tr			Q,Q+C	1-2
K-10-154	48.00	50.00	2.00	536582	MON	POT	SIL			s				5	tr			Q,Q+C	1-2
K-10-154	50.00	52.00	2.00	536583	MON	POT			w	s		tr		3				Q,Q+C	1-2
K-10-154	52.00	54.25	2.25	536584	MON	POT				s		tr		3				Q,Q+C	1-2
K-10-154	54.25	56.00	1.75	536585	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	56.00	58.00	2.00	536586	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	58.00	60.00	2.00	536587	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	60.00	62.00	2.00	536588	MON	POT				s		tr		2				Q,Q+C	1-2
K-10-154	62.00	64.00	2.00	536589	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	64.00	66.00	2.00	536591	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	66.00	68.00	2.00	536592	MON	POT				s		tr		1	tr			Q,Q+C	1-2
K-10-154	68.00	70.00	2.00	536593	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	70.00	72.00	2.00	536594	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	72.00	74.00	2.00	536595	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	74.00	76.00	2.00	536596	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	76.00	78.00	2.00	536597	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	78.00	80.00	2.00	536598	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	80.00	82.00	2.00	536599	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	82.00	84.00	2.00	536600	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	84.00	86.00	2.00	536601	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	86.00	87.38	1.38	536602	MON	POT				s		tr		1				Q,Q+C	1-2
K-10-154	87.38	89.00	1.62	536603	MON	POT				s				1				Q,Q+C	1-2
K-10-154	89.00	91.00	2.00	536604	MON	POT				s				2				Q,Q+C	1-2
K-10-154	91.00	93.00	2.00	536606	MON	SIL	POT							4	tr			Q+C,Q	2-3
K-10-154	93.00	95.00	2.00	536607	MON	POT	SIL			s				3	tr			Q+C,Q	2-3
K-10-154	95.00	97.00	2.00	536608	MON	POT	SIL			s				3	tr			Q+C,Q	3-4
K-10-154	97.00	99.00	2.00	536609	MON	POT	SIL			s				3				Q+C,Q	2-3
K-10-154	99.00	101.00	2.00	536610	MON	POT	SIL			s				3				Q+C,Q	2-3
K-10-154	101.00	103.00	2.00	536611	MON	SIL	POT							3	tr			Q+C,Q	2-3
K-10-154	103.00	105.00	2.00	536612	MON	POT	SIL			s				3				Q+C,Q	4-5
K-10-154	105.00	107.30	2.30	536613	MON	POT	SIL		w	s				3				Q+C,Q	4-5
K-10-154	107.30	109.90	2.60	536614	MON	SER			s					2				Q+C,Q	4-5
K-10-154	109.90	112.00	2.10	536615	MON	POT	SIL			s				2				Q+C,Q	4-5
K-10-154	112.00	114.50	2.50	536616	MON	POT	SIL		w	s				2				Q+C,Q	4-5
K-10-154	114.50	116.00	1.50	536617	MON	SIL								4				Q+C,Q	1-2
K-10-154	116.00	118.72	2.72	536618	MON	SIL								5	tr			Q,Q+C	5-10
K-10-154	118.72	120.00	1.28	536619	MON	POT				s				2				Q+C,Q	2-3
K-10-154	120.00	122.00	2.00	536621	MON	POT				s				1				Q+C,Q	1-2
K-10-154	122.00	124.00	2.00	536622	MON	POT				s				1				Q+C,Q	1-2
K-10-154	124.00	126.00	2.00	536623	MON	POT				s				2				Q+C,Q	1-2
K-10-154	126.00	128.00	2.00	536624	MON	POT				s		tr		3				Q+C,Q	1-2
K-10-154	128.00	130.00	2.00	536625	MON	POT				s		tr		2				Q+C,Q	1-2

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-154	130.00	132.00	2.00	536626	MON	POT				s				4				Q+C,Q	1-2
K-10-154	132.00	134.00	2.00	536627	MON	POT				s				1				Q+C,Q	1-2
K-10-154	134.00	136.00	2.00	536628	MON	POT				s				1				Q+C,Q	1-2
K-10-154	136.00	138.00	2.00	536629	MON	POT				s				3				Q+C,Q	1-2
K-10-154	138.00	140.00	2.00	536630	MON	POT				s				2				Q+C,Q	1-2
K-10-154	140.00	142.00	2.00	536631	MON	POT				s				1				Q+C,Q	1-2
K-10-154	142.00	144.00	2.00	536632	MON	POT				s		tr		2				Q+C,Q	1-2
K-10-154	144.00	146.90	2.90	536633	MON	POT				s		tr		2				Q+C,Q	1-2
K-10-154	146.90	147.90	1.00	536634	ANDK							w		0.5				Q+C,Q	1-2
K-10-154	147.90	150.00	2.10	536636	MON	POT				s		m		1				Q+C,Q	1-2
K-10-154	150.00	152.00	2.00	536637	MON	POT				s		m		1				Q+C,Q	1-2
K-10-154	152.00	154.00	2.00	536638	MON	POT				s		m		1				Q+C,Q	1-2
K-10-154	154.00	156.00	2.00	536639	MON	POT				s		w		1				Q+C,Q	1-2
K-10-154	156.00	158.00	2.00	536640	MON	POT				s		tr		2				Q+C,Q	1-2
K-10-154	158.00	160.00	2.00	536641	MON	POT	SIL			s		tr		3				Q+C,Q	1-2
K-10-154	160.00	162.00	2.00	536642	MON	POT	SIL			s		tr		5	tr			Q+C,Q	1-2
K-10-154	162.00	164.00	2.00	536643	MON	POT				s		tr		3	tr			Q+C,Q	3-4
K-10-154	164.00	166.60	2.60	536644	MON	POT				s				2				Q+C,Q	3-4
K-10-154	166.60	168.00	1.40	536645	MON	POT			tr	s				1				Q+C,Q	4-5
K-10-154	168.00	170.00	2.00	536646	MON	POT	SER		w	s				1				Q+C,Q	4-5
K-10-154	170.00	172.00	2.00	536647	MON	POT	SER		w	s				1				Q+C,Q	4-5
K-10-154	172.00	174.00	2.00	536648	MON	SER			s					1				Q+C,Q	3-4
K-10-154	174.00	176.00	2.00	536649	MON	SER			s					1				Q+C,Q	3-4
K-10-154	176.00	178.00	2.00	536651	MON	POT				s		tr		1				Q+C,Q	3-4
K-10-154	178.00	180.00	2.00	536652	MON	POT				s		tr		1				Q+C,Q	3-4
K-10-154	180.00	182.00	2.00	536653	MON	SER			s	s		tr		1				Q+C,Q	3-4
K-10-154	182.00	184.00	2.00	536654	MON	SER			s					2				Q+C,Q	3-4
K-10-154	184.00	186.00	2.00	536655	MON	POT	SER		m			tr		1				Q+C,Q	3-4
K-10-154	186.00	188.00	2.00	536656	MON	SER			s			tr		1				Q+C,Q	3-4
K-10-154	188.00	189.90	1.90	536657	MON	POT	SER		w			tr		1				Q+C,Q	3-4
K-10-154	189.90	192.00	2.10	536658	MON	POT				s		tr		1				Q+C,Q	3-4
K-10-154	192.00	194.00	2.00	536659	MON	POT				s		tr		1				Q+C,Q	1-2
K-10-154	194.00	196.00	2.00	536660	MON	POT	SIL			s		tr		4	tr			Q+C,Q	1-2
K-10-154	196.00	198.00	2.00	536661	MON	POT	SIL			s				3	tr			Q+C,Q	1-2
K-10-154	198.00	200.00	2.00	536662	MON	POT	SIL			s				4	tr			Q+C,Q	1-2
K-10-154	200.00	202.00	2.00	536663	MON	SIL	POT							4	tr			Q+C,Q	1-2
K-10-154	202.00	204.00	2.00	536664	MON	POT				s				2	tr			Q+C,Q	1-2
K-10-154	204.00	206.00	2.00	536666	MON	POT				s				2				Q+C,Q	1-2
K-10-154	206.00	208.00	2.00	536667	MON	POT	SIL			s				3	tr			Q+C,Q	1-2
K-10-154	208.00	210.00	2.00	536668	MON	POT	SIL			s				4	2			Q+C,Q	1-2
K-10-154	210.00	212.00	2.00	536669	MON	POT	SIL			s				3	tr			Q+C,Q	1-2
K-10-154	212.00	214.00	2.00	536670	MON	POT				s				1				Q+C,Q	1-2
K-10-154	214.00	216.00	2.00	536671	MON	POT				s				1				Q+C,Q	1-2
K-10-154	216.00	218.00	2.00	536672	MON	POT				s				1				Q+C,Q	1-2
K-10-154	218.00	220.00	2.00	536673	MON	POT	SIL			s				5	tr			Q+C,Q	1-2
K-10-154	220.00	222.00	2.00	536674	MON	POT	SIL			s				4	2			Q+C,Q	1-2
K-10-154	222.00	224.00	2.00	536675	MON	POT	SIL			s				2				Q+C,Q	1-2
K-10-154	224.00	226.00	2.00	536676	MON	POT	SIL			s		tr		2				Q+C,Q	1-2

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-154	226.00	228.00	2.00	536677	MON	SIL								3	tr			Q+C,Q	1-2
K-10-154	228.00	230.00	2.00	536678	MON	POT	SIL			s				2				Q+C,Q	1-2
K-10-154	230.00	232.00	2.00	536679	MON	POT	SIL			s				2				Q+C,Q	1-2
K-10-154	232.00	234.00	2.00	536681	MON	POT				s				1				Q+C,Q	1-2
K-10-154	234.00	236.00	2.00	536682	MON	POT				s				2				Q+C,Q	1-2
K-10-154	236.00	238.00	2.00	536683	MON	POT				s				2				Q+C,Q	1-2
K-10-154	238.00	240.00	2.00	536684	MON	POT				s				1				Q+C,Q	1-2
K-10-154	240.00	242.00	2.00	536685	MON	POT				s		tr		2				Q+C,Q	1-2
K-10-154	242.00	244.00	2.00	536686	MON	POT	SIL			s				3	1			Q+C,Q	1-2
K-10-154	244.00	246.00	2.00	536687	MON	POT				s				1				Q+C,Q	1-2
K-10-154	246.00	248.00	2.00	536688	MON	POT				s				1				Q+C,Q	1-2
K-10-154	248.00	249.80	1.80	536689	MON	POT				s				1				Q+C,Q	1-2
K-10-154	249.80	252.00	2.20	536690	MON	POT	CHL							5	tr			Q+C,Q	1-2
K-10-154	252.00	254.00	2.00	536691	MON	POT	CHL							4	tr			Q+C,Q	1-2
K-10-154	254.00	256.00	2.00	536692	MON	POT	CHL							5	tr			Q+C,Q	1-2
K-10-154	256.00	258.00	2.00	536693	MON	POT	CHL							5	tr			Q+C,Q	1-2
K-10-154	258.00	260.00	2.00	536694	MON	POT	CHL					tr		4	tr			Q+C,Q	1-2
K-10-154	260.00	262.00	2.00	536696	MON	POT				s				2	tr			Q+C,Q	1-2
K-10-154	262.00	264.00	2.00	536697	MON	POT			m					2				Q+C,Q	3-4
K-10-154	264.00	266.00	2.00	536698	MON	POT			s					3	tr			Q+C,Q	3-4
K-10-154	266.00	268.00	2.00	536699	MON	POT			s					3	tr			Q+C,Q	3-4
K-10-154	268.00	270.00	2.00	536700	MON	POT			s					1				Q+C,Q	3-4
K-10-154	270.00	272.00	2.00	536701	MON	POT			s					1				Q+C,Q	3-4
K-10-154	272.00	274.00	2.00	536702	MON	POT			s			tr		1				Q+C,Q	3-4
K-10-154	274.00	276.00	2.00	536703	MON	POT			m			tr		1				Q+C,Q	3-4
K-10-154	276.00	277.10	1.10	536704	MON	POT			m					1				Q+C,Q	3-4
K-10-154	277.10	279.00	1.90	536705	MON	POT								2				Q+C,Q	1-2
K-10-154	279.00	281.00	2.00	536706	MON	CHL	ARG							2	tr			Q+C,Q	1-2
K-10-154	281.00	283.00	2.00	536707	MON	CHL	ARG							3				Q+C,Q	1-2
K-10-154	283.00	285.00	2.00	536708	MON	CHL	ARG							3	tr			Q+C,Q	1-2
K-10-154	285.00	287.00	2.00	536709	MON	CHL	ARG		w					3	tr			Q+C,Q	1-2
K-10-154	287.00	289.00	2.00	536711	MON	CHL	ARG							4	tr			Q+C,Q	1-2
K-10-154	289.00	291.00	2.00	536712	MON	CHL	ARG							5	tr			Q+C,Q	1-2
K-10-154	291.00	293.00	2.00	536713	MON	CHL	ARG							4	tr			Q+C,Q	1-2
K-10-154	293.00	295.00	2.00	536714	MON	CHL	ARG							4	tr			Q+C,Q	1-2
K-10-154	295.00	297.00	2.00	536715	MON	CHL	ARG							3	tr			Q+C,Q	1-2
K-10-154	297.00	299.00	2.00	536716	MON	CHL	ARG							2	tr			Q+C,Q	1-2
K-10-154	299.00	301.00	2.00	536717	MON	POT						tr		1				Q+C,Q	1-2
K-10-154	301.00	303.00	2.00	536718	MON	POT						tr		3	tr			Q+C,Q	1-2
K-10-154	303.00	305.00	2.00	536719	MON	POT								3	tr			Q+C,Q	1-2
K-10-154	305.00	307.00	2.00	536720	MON	POT								2				Q+C,Q	1-2
K-10-154	307.00	309.00	2.00	536721	MON	POT						tr		2				Q+C,Q	1-2
K-10-154	309.00	311.00	2.00	536722	MON	POT						w		3				Q, Q+C	2-3
K-10-154	311.00	313.13	2.13	536723	MON	POT							tr	3	tr			Q, Q+C	2-3
K-10-154	313.13	315.00	1.87	536724	MON	SER			s	w				2	tr			Q, Q+C	2-3
K-10-154	315.00	317.00	2.00	536726	MON	SER			s	w				1				Q, Q+C	3-4
K-10-154	317.00	319.00	2.00	536727	MON	SER			s	w				1				Q, Q+C	4-5
K-10-154	319.00	321.00	2.00	536728	MON	SER			s	w				1				Q, Q+C	2-3

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-154	321.00	323.00	2.00	536729	MON	SER			s	w				2				Q, Q+C	2-3
K-10-154	323.00	325.00	2.00	536730	MON	SER			s	w		tr		1	tr			Q, Q+C	2-3
K-10-154	325.00	327.00	2.00	536731	MON	SER			s	w		tr		2	tr			Q, Q+C	2-3
K-10-154	327.00	329.00	2.00	536732	MON	SER			s	w		tr		1				Q, Q+C	2-3
K-10-154	329.00	331.00	2.00	536733	MON	SER			s	w		tr		1				Q, Q+C	2-3
K-10-154	331.00	333.00	2.00	536734	MON	SER			s	w		tr		1				Q, Q+C	2-3
K-10-154	333.00	335.00	2.00	536735	MON	SER			s	w		tr		3	tr			Q, Q+C	2-3
K-10-154	335.00	337.72	2.72	536736	MON	SER			s	w		tr		2				Q, Q+C	2-3

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-155	0.00	3.04	3.04	Casing/Overburden
K-10-155	3.04	37.20	34.16	Monzonite to qtz monzonite. Medium grained, equigranular intrusive with 5-15% qtz phenos. Strongly bleached and sericite altered feldspars, obscuring primary composition. Fine grained black pyrite along microfractures. Mo>>cpy along fracture at 10.4 m. Trace cpy along fractures with py.
K-10-155	37.20	46.00	8.80	Monzonite Breccia. Sericite + chlorite altered crush zone. Trace to 1% pyrite.
K-10-155	46.00	66.90	20.90	West Fault. Mylonitic fault zone with foliated clasts occurring in a fine grained, reddish-purple hematitic matrix.
K-10-155	66.90	125.70	58.80	Monzonite Breccia. Large crush zone to the east of the west fault. Pervasive, intense sericite+local reddish kspars(?) alteration. Patches of intense ser+sil+py altn with trace cpy and Mo. Mo along fractures and grey qtz veins.
K-10-155	125.70	127.80	2.10	Fault zone. Chlorite altered, clay gouge and brecciated rock.
K-10-155	127.80	143.40	15.60	Monzonite Breccia. Brecciated felsic intrusive, monzonite(?). Pervasive strong to intense, texture destructive kspars altn, locally overprinted by weak to strong sericite altn, with flting. Mo along fractures. Rare cpy.
K-10-155	143.40	144.10	0.70	Andesite Dyke. Chlorite+hematite altered, fine grained andesite dyke. Calcite+hematite veins.
K-10-155	144.10	193.40	49.30	Monzonite Breccia. Brecciated felsic intrusive, monzonite(?). Pervasive strong to intense, texture destructive kspars altn, locally overprinted by weak to strong sericite altn, with flting. Mo along fractures. Rare cpy.
K-10-155	193.40	194.55	1.15	Fault zone. Intensely sericite altered fault zone with clay gouge and crushed core.
K-10-155	194.55	198.85	4.30	Mineralized Andesite Breccia. Brecciated andesite with calcite+hematite veins and crackle breccias. Coarse clots of cpy throughout. Grade 3.
K-10-155	198.85	200.40	1.55	Andesite Dyke. Chlorite+hematite altered, fine grained andesite dyke. Calcite+hematite veins.
K-10-155	200.40	202.50	2.10	Monzonite. Intrusive breccia. Strong, pervasive kspars veins. 2% qtz+calcite veins.
K-10-155	202.50	207.55	5.05	Andesite Dyke. Chlorite+hematite altered, fine grained andesite dyke. Calcite+hematite veins.
K-10-155	207.55	238.95	31.40	Diorite. Medium grained, equigranular intrusive. Magnetic. Pervasive, strong propylitic alteration (chlorite+epidote+calcite veins), overprinting weaker kspars alteration. Rare cpy+Mo and one Bn occurrence in a grey qtz vein at 238 m depth.
K-10-155	238.95	246.00	7.05	Monzonite. Intensely potassically altered, texture destructive. Trace Mo and cpy along qtz vein selvages and fractures.
K-10-155	246.00	250.00	4.00	Fault zone. Intensely sericite altered fault zone with clay gouge and crushed core.
K-10-155	250.00	275.00	25.00	Monzonite. Brecciated, intensely kspars+/-sericite altered. Alteration is completely texture destructive. Weak hematite alteration. Weakly mineralized, with cpy+Mo occurring along grey qtz vein selvages and along fractures. Locally strongly brecciated.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-155	275.00	337.72	62.72	Monzonite. As above, but less abundant cpy+Mo mineralization. Mineralization still occurs throughout in generally trace amounts, mostly as fine dissemination along grey qtz veins.
	EOH			

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-155	3.04	5.00	1.96	538512	MON	SER			s									Q, Q+C	1-2
K-10-155	5.00	7.00	2.00	538513	MON	SER			s			tr						Q, Q+C	1-2
K-10-155	7.00	9.00	2.00	538514	MON	SER			s					tr				Q, Q+C	1-2
K-10-155	9.00	11.00	2.00	538515	MON	SER			s					tr	tr		tr	Q, Q+C	1-2
K-10-155	11.00	13.00	2.00	538516	MON	SER			s					tr				Q, Q+C	1-2
K-10-155	13.00	15.00	2.00	538517	MON	SER			s			tr		tr				Q, Q+C	1-2
K-10-155	15.00	17.00	2.00	538518	MON	SER			s			tr						Q, Q+C	1-2
K-10-155	17.00	19.00	2.00	538519	MON	SER			s			tr						Q, Q+C	1-2
K-10-155	19.00	21.00	2.00	538520	MON	SER			s			tr						Q, Q+C	1-2
K-10-155	21.00	23.00	2.00	538521	MON	SER			s			tr						Q, Q+C	1-2
K-10-155	23.00	25.00	2.00	538522	MON	SER			s			tr		tr				Q, Q+C	1-2
K-10-155	25.00	27.00	2.00	538523	MON	SER			s			tr		tr				Q, Q+C	1-2
K-10-155	27.00	29.00	2.00	538524	MON	SER			s			tr		tr	tr			Q, Q+C	1-2
K-10-155	29.00	31.00	2.00	538526	MON	SER			s			tr		tr	tr			Q, Q+C	1-2
K-10-155	31.00	33.00	2.00	538527	MON	SER			s			tr			tr			Q, Q+C	1-2
K-10-155	33.00	35.00	2.00	538528	MON	SER			s			tr		tr				Q, Q+C	1-2
K-10-155	35.00	37.20	2.20	538529	MON	SER			s			tr		tr			tr	Q, Q+C	1-2
K-10-155	37.20	40.00	2.80	538530	MON	SER			s			tr		tr				Q, Q+C	1-2
K-10-155	40.00	42.00	2.00	538531	MONBRX	SER			s			tr						Q, Q+C	1-2
K-10-155	42.00	44.00	2.00	538532	MONBRX	SER			s			tr						Q, Q+C	1-2
K-10-155	44.00	46.00	2.00	538533	MONBRX	SER			s			tr							
K-10-155	46.00	48.00	2.00	538534	TBRX	HEM	ARG					m							
K-10-155	48.00	50.00	2.00	538535	TBRX	HEM	ARG					w							
K-10-155	50.00	52.00	2.00	538536	TBRX	HEM	ARG					s					tr		
K-10-155	52.00	54.00	2.00	538537	TBRX	HEM	ARG					s							
K-10-155	54.00	56.00	2.00	538538	TBRX	HEM	ARG					s							
K-10-155	56.00	58.00	2.00	538539	TBRX	HEM	ARG					s							
K-10-155	58.00	60.00	2.00	538541	TBRX	HEM	ARG					s							
K-10-155	60.00	62.00	2.00	538542	TBRX	HEM	ARG					s							
K-10-155	62.00	64.00	2.00	538543	TBRX	HEM	ARG					s							
K-10-155	64.00	66.90	2.90	538544	TBRX	HEM	ARG					s		tr				Q, Q+C	1-2
K-10-155	66.90	69.00	2.10	538545	MONBRX		SIL					tr		tr				Q, Q+C	1-2
K-10-155	69.00	71.00	2.00	538546	MONBRX		SIL							3	tr			Q, Q+C	3-4
K-10-155	71.00	73.00	2.00	538547	MONBRX		SIL							2	tr			Q, Q+C	3-4
K-10-155	73.00	75.00	2.00	538548	MONBRX		SIL							2				Q, Q+C	1-2
K-10-155	75.00	77.00	2.00	538549	MONBRX		SIL							2					
K-10-155	77.00	79.00	2.00	538550	MONBRX							tr		1					
K-10-155	79.00	81.00	2.00	538551	MONBRX									2					
K-10-155	81.00	83.00	2.00	538552	MONBRX	SER			s					1					
K-10-155	83.00	85.00	2.00	538553	MONBRX	SER			s					1			tr	Q, Q+C	2-3
K-10-155	85.00	87.00	2.00	538554	MONBRX	SER			s					tr				Q, Q+C	2-3
K-10-155	87.00	89.00	2.00	538556	MONBRX	SER			s					tr				Q, Q+C	2-3
K-10-155	89.00	91.00	2.00	538557	MONBRX	SER			s					1				Q, Q+C	2-3
K-10-155	91.00	93.00	2.00	538558	MONBRX	POT	SER		m	s				1				Q, Q+C	2-3
K-10-155	93.00	95.00	2.00	538559	MONBRX	POT	SER		m	s				3	tr			Q, Q+C	2-3
K-10-155	95.00	97.00	2.00	538560	MONBRX	POT	SER		m	s		tr		1	tr			Q, Q+C	1-2
K-10-155	97.00	99.00	2.00	538561	MONBRX	SER			s			tr		3	tr		tr	Q, Q+C	1-2
K-10-155	99.00	101.00	2.00	538562	MONBRX	SER			s					3	tr		tr	Q, Q+C	1-2

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-155	101.00	103.00	2.00	538563	MONBRX	SER			s					2	tr			Q, Q+C	2-3
K-10-155	103.00	105.00	2.00	538564	MONBRX	POT	SER		m	s				1			tr	Q, Q+C	2-3
K-10-155	105.00	107.00	2.00	538565	MONBRX	POT	SER		m	s				2	tr		0.3	Q, Q+C	2-3
K-10-155	107.00	109.00	2.00	538566	MONBRX	SER			s					2	tr		tr	Q, Q+C	2-3
K-10-155	109.00	111.00	2.00	538567	MONBRX	POT	SER		s	s				2	0.3		tr	Q, Q+C	2-3
K-10-155	111.00	113.00	2.00	538568	MONBRX	POT	SER		s	s				3	0.3		tr	Q, Q+C	2-3
K-10-155	113.00	115.00	2.00	538569	MONBRX	SER			s					2				Q, Q+C	2-3
K-10-155	115.00	117.00	2.00	538571	MONBRX	SER			s					2	tr		tr	Q, Q+C	2-3
K-10-155	117.00	119.00	2.00	538572	MONBRX	SER			s					3	tr			Q, Q+C	2-3
K-10-155	119.00	121.00	2.00	538573	MONBRX	SER			s					2			tr	Q, Q+C	2-3
K-10-155	121.00	123.00	2.00	538574	MONBRX	SER			s					2	tr			Q, Q+C	2-3
K-10-155	123.00	125.70	2.70	538575	MONBRX	SER			s					2			tr	B?, Q	5-7
K-10-155	125.70	127.80	2.10	538576	TBRX	SER			s			tr		tr				B?, Q	4-5
K-10-155	127.80	129.00	1.20	538577	MONBRX	POT	SER		m	s		tr		1				Q, Q+C	1-2
K-10-155	129.00	131.00	2.00	538578	MONBRX	POT	SER		m	s		tr		1			tr	Q, Q+C	1-2
K-10-155	131.00	133.00	2.00	538579	MONBRX	POT	SER		m	s		tr		2				B?, Q	3-4
K-10-155	133.00	135.00	2.00	538580	MONBRX	POT	SER		m	s		tr		2	tr			B?, Q	3-4
K-10-155	135.00	137.00	2.00	538581	MONBRX	POT	SER		m	s		tr		1				B?, Q	3-4
K-10-155	137.00	139.00	2.00	538582	MONBRX	POT	SER		m	s		tr		tr	tr			Q, Q+C	2-3
K-10-155	139.00	141.00	2.00	538583	MONBRX	POT	SER		m	s		tr		tr				B?, Q	2-3
K-10-155	141.00	143.40	2.40	538584	MONBRX	POT	SER		m	s		tr		tr				B?, Q	3-4
K-10-155	143.40	144.10	0.70	538586	AND	PROP		m		s		w		1				Q, Q+C	1-2
K-10-155	144.10	146.00	1.90	538587	MONBRX	POT	SER		m	s				1				Q, Q+C	1-2
K-10-155	146.00	148.00	2.00	538588	MONBRX	POT	SER		m	s				1				Q, Q+C	1-2
K-10-155	148.00	150.00	2.00	538589	MONBRX	POT				s		tr		1				Q, Q+C	1-2
K-10-155	150.00	152.00	2.00	538590	MONBRX	POT				s		tr		1				Q, Q+C	1-2
K-10-155	152.00	154.00	2.00	538591	MONBRX	POT				s		tr		1				Q, Q+C	1-2
K-10-155	154.00	156.00	2.00	538592	MONBRX	POT				s		tr		2			tr	Q, Q+C	1-2
K-10-155	156.00	158.00	2.00	538593	MONBRX	POT				s		tr		1				Q, Q+C	1-2
K-10-155	158.00	160.00	2.00	538594	MONBRX	POT				s		tr		2			tr	Q, Q+C	1-2
K-10-155	160.00	162.00	2.00	538595	MONBRX	POT				s		tr		2				Q, Q+C	1-2
K-10-155	162.00	164.00	2.00	538596	MONBRX	POT				s		tr		1			tr	B?, Q	2-3
K-10-155	164.00	166.00	2.00	538597	MONBRX	POT				s		tr		tr				B?, Q	2-3
K-10-155	166.00	168.00	2.00	538598	MONBRX	POT				s		tr		1				B?, Q	1-2
K-10-155	168.00	170.00	2.00	538599	MONBRX	POT				s		tr		1				Q, Q+C	1-2
K-10-155	170.00	172.00	2.00	538601	MONBRX	POT	SER		m	s		tr		2	tr		tr	B?, Q	2-3
K-10-155	172.00	174.00	2.00	538602	MONBRX	POT	SER		m	s		tr		2	0.3		tr	B?, Q	2-3
K-10-155	174.00	176.00	2.00	538603	MONBRX	POT	SER		m	s		tr		2	tr			Q, Q+C	1-2
K-10-155	176.00	178.00	2.00	538604	MONBRX	POT	SER		m	s		tr		2	tr			Q, Q+C	1-2
K-10-155	178.00	180.00	2.00	538605	MONBRX	POT	SER		m	s		tr		1				Q, Q+C	1-2
K-10-155	180.00	182.00	2.00	538606	MONBRX	POT	SER		m	s		tr		2				Q, Q+C	2
K-10-155	182.00	184.00	2.00	538607	MONBRX	POT	SER		m	s		tr		2				Q, Q+C	2
K-10-155	184.00	186.00	2.00	538608	MONBRX	POT	SER		m	s		tr		2				Q, Q+C	2
K-10-155	186.00	188.00	2.00	538609	MONBRX	POT	SER		m	s		tr		2				Q, Q+C	2
K-10-155	188.00	190.00	2.00	538610	MONBRX	POT	SER		m	s		tr		2				Q, Q+C	2
K-10-155	190.00	192.00	2.00	538611	MONBRX	POT	SER		m	s		tr		2				Q, Q+C	2
K-10-155	192.00	193.40	1.40	538612	MONBRX	POT	SER		m	s		tr		2				Q, Q+C	2
K-10-155	193.40	194.55	1.15	538613	FTZ	SER				s		tr		2				Q, Q+C	2

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-155	194.55	196.80	2.25	538614	ANDBRX	PROP		s				w		1	1.0				
K-10-155	196.80	198.85	2.05	538616	ANDBRX	PROP		s				w		1	3.0			C+H	4
K-10-155	198.85	200.40	1.55	538617	ANDK	PROP		s				w		1				C+H	3
K-10-155	200.40	202.50	2.10	538618	MON	POT				s		tr		1				Q, Q+C	3
K-10-155	202.50	204.00	1.50	538619	ANDK	PROP		s				w		1				C+H	3
K-10-155	204.00	206.00	2.00	538620	ANDK	PROP		s				w		1				C+H	3
K-10-155	206.00	207.55	1.55	538621	ANDK	PROP		s				w		1				C+H	4
K-10-155	207.55	209.00	1.45	538622	DIO	PROP	POT		s	w-m		tr		1				Q, Q+C	3
K-10-155	209.00	211.00	2.00	538623	DIO	PROP	POT		s	w-m		tr		1				Q, Q+C	3
K-10-155	211.00	213.00	2.00	538624	DIO	PROP	POT		s	w-m		tr		1				Q, Q+C	3
K-10-155	213.00	215.00	2.00	538625	DIO	PROP	POT		s	w-m		tr		1				Q, Q+C	3
K-10-155	215.00	217.00	2.00	538626	DIO	PROP	POT		s	w-m		tr		1				Q, Q+C	3
K-10-155	217.00	219.00	2.00	538627	DIO	PROP	POT		s	w-m		tr		1				Q, Q+C	3
K-10-155	219.00	221.00	2.00	538628	DIO	PROP	POT		s	w-m		tr		1				Q, Q+C	3
K-10-155	221.00	223.00	2.00	538629	DIO	PROP	POT		s	w-m		tr		1				Q, Q+C	3
K-10-155	223.00	225.00	2.00	538631	DIO	PROP	POT		s	w-m		tr		1				Q, Q+C	3
K-10-155	225.00	227.00	2.00	538632	DIO	PROP	POT		s	w-m		tr		1				Q, Q+C	3
K-10-155	227.00	229.00	2.00	538633	DIO	PROP	POT		s	w-m		tr		1				Q, Q+C	3
K-10-155	229.00	231.00	2.00	538634	DIO	PROP	POT		s	w-m		tr		1				Q, Q+C	3
K-10-155	231.00	233.00	2.00	538635	DIO	PROP	POT		s	w-m		tr		1				Q, Q+C	3
K-10-155	233.00	235.00	2.00	538636	DIO	PROP	POT		s	w-m		tr		1				Q, Q+C	3
K-10-155	235.00	237.00	2.00	538637	DIO	PROP	POT		s	w-m		tr		1	tr	tr	tr	Q, Q+C	3
K-10-155	237.00	238.95	1.95	538638	DIO	PROP	POT		s	w-m		tr		1			tr	Q, Q+C	3
K-10-155	238.95	241.00	2.05	538639	MON	POT	SER		m	s		tr		1				Q, Q+C	3
K-10-155	241.00	243.00	2.00	538640	MON	POT	SER		m	s		tr		1				Q, Q+C	3
K-10-155	243.00	246.00	3.00	538641	MON	POT	SER		m	s		tr		1				Q, Q+C	3
K-10-155	246.00	247.50	1.50	538642	FTZ	SER				s		tr		2					
K-10-155	247.50	249.00	1.50	538643	FTZ	SER				s		tr		2					
K-10-155	249.00	250.00	1.00	538644	FTZ	SER				s		tr		2					
K-10-155	250.00	252.00	2.00	538646	MON	POT	SER		m	s		tr-w		3	tr		tr	Q, Q+C	3
K-10-155	252.00	254.00	2.00	538647	MON	POT	SER		m	s		tr-w		2	tr		tr	Q, Q+C	3
K-10-155	254.00	256.00	2.00	538648	MON	POT	SER		m	s		tr-w		3	tr		tr	Q, Q+C	3
K-10-155	256.00	258.00	2.00	538649	MON	POT	SER		m	s		tr-w		3	0.5		tr	Q, Q+C	3
K-10-155	258.00	260.00	2.00	538650	MON	POT	SER		m	s		tr-w		3	tr		tr	Q, Q+C	3
K-10-155	260.00	262.00	2.00	538651	MON	POT	SER		m	s		tr-w		3	0.5		tr	Q, Q+C	3
K-10-155	262.00	264.00	2.00	538652	MON	POT	SER		m	s		tr-w		3	tr		tr	Q, Q+C	3
K-10-155	264.00	266.00	2.00	538653	MON	POT	SER		m	s		tr-w		2	1.0		tr	Q, Q+C	3
K-10-155	266.00	268.00	2.00	538654	MON	POT	SER		m	s		tr-w		2	tr		tr	Q, Q+C	3
K-10-155	268.00	270.00	2.00	538655	MON	POT	SER		m	s		tr-w		3	tr		tr	Q, Q+C	3
K-10-155	270.00	272.00	2.00	538656	MON	POT	SER		m	s		tr-w		3	0.5		tr	Q, Q+C	3
K-10-155	272.00	274.00	2.00	538657	MON	POT	SER		m	s		tr-w		3	tr		tr	Q, Q+C	3
K-10-155	274.00	275.00	1.00	538658	MON	POT	SER		m	s		tr-w		3	tr		tr	Q, Q+C	3
K-10-155	275.00	277.00	2.00	538659	MON	POT	SER		m	s		tr-w		3	0.5		tr	Q, Q+C	3
K-10-155	277.00	279.00	2.00	538661	MON	POT	SER		m	s		tr-w		3	tr		tr	Q, Q+C	3
K-10-155	279.00	281.00	2.00	538662	MON	POT	SER		m	s		tr-w		3				Q, Q+C	3
K-10-155	281.00	283.00	2.00	538663	MON	POT	SER		m	s		tr-w		2	tr			Q, Q+C	3
K-10-155	283.00	285.00	2.00	538664	MON	POT	SER		w-m	s		tr-w		3	tr			Q, Q+C	3
K-10-155	285.00	287.00	2.00	538665	MON	POT	SER		w-m	s		tr-w		2	tr		tr	Q, Q+C	3

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-155	287.00	289.00	2.00	538666	MON	POT	SER		w-m	s		tr-w		2			tr	Q,Q+C	3
K-10-155	289.00	291.00	2.00	538667	MON	POT	SER		w-m	s		tr-w		3	tr		tr	Q,Q+C	3
K-10-155	291.00	293.00	2.00	538668	MON	POT	SER		w-m	s		tr-w		2				Q,Q+C	3
K-10-155	293.00	295.00	2.00	538669	MON	POT	SER		w-m	s		tr-w		3	tr			Q,Q+C	3
K-10-155	295.00	297.00	2.00	538670	MON	POT	SER		w-m	s		tr-w		3	tr		tr	Q,Q+C	3
K-10-155	297.00	299.00	2.00	538671	MON	POT	SER		w-m	s		tr-w		2				Q,Q+C	3
K-10-155	299.00	301.00	2.00	538672	MON	POT	SER		w-m	s		tr-w		3	tr			Q,Q+C	3
K-10-155	301.00	303.00	2.00	538673	MON	POT	SER		w-m	s		tr-w		1	tr			Q,Q+C	3
K-10-155	303.00	305.00	2.00	538674	MON	POT	SER		w-m	s		tr-w		2	tr		tr	Q,Q+C	3
K-10-155	305.00	307.00	2.00	538676	MON	POT	SER		w-m	s		tr-w		2	tr		tr	Q,Q+C	3
K-10-155	307.00	309.00	2.00	538677	MON	POT	SER		w-m	s		tr-w		2				Q,Q+C	3
K-10-155	309.00	311.00	2.00	538678	MON	POT	SER		w-m	s		tr-w		2	tr		tr	Q,Q+C	3
K-10-155	311.00	313.00	2.00	538679	MON	POT	SER		w-m	s		tr-w		2				Q,Q+C	3
K-10-155	313.00	315.00	2.00	538680	MON	POT	SER		w-m	s		tr-w		1	tr		tr	Q,Q+C	3
K-10-155	315.00	317.00	2.00	538681	MON	POT	SER		w-m	s		tr-w		2	tr			Q,Q+C	3
K-10-155	317.00	319.00	2.00	538682	MON	POT	SER		w-m	s		tr-w		2	0.5		tr	Q,Q+C	3
K-10-155	319.00	321.00	2.00	538683	MON	POT	SER		w-m	s		tr-w		1	0.5		tr	Q,Q+C	3
K-10-155	321.00	323.00	2.00	538684	MON	POT	SER		w-m	s		tr-w		2	tr		tr	Q,Q+C	3
K-10-155	323.00	325.00	2.00	538685	MON	POT	SER		w-m	s		tr-w		2	tr			Q,Q+C	3
K-10-155	325.00	327.00	2.00	538686	MON	POT	SER		w-m	s		tr-w		2				Q,Q+C	3
K-10-155	327.00	329.00	2.00	538687	MON	POT	SER		w-m	s		tr-w		1	tr			Q,Q+C	3
K-10-155	329.00	331.00	2.00	538688	MON	POT	SER		w-m	s		tr-w		2				Q,Q+C	3
K-10-155	331.00	333.00	2.00	538689	MON	POT	SER		w-m	s		tr-w		2	tr			Q,Q+C	3
K-10-155	333.00	335.00	2.00	538691	MON	POT	SER		w-m	s		tr-w		2	tr		tr	Q,Q+C	3
K-10-155	335.00	337.72	2.72	538692	MON	POT	SER		w-m	s		tr-w		2	tr			Q,Q+C	3

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-156	21.34	23.87	2.53	Monzonite. Strong k-spar alt. with trace to strong sericite and silica flooding. ~0.5-1% py. Rear shearing. Grade rating 0.
K-10-156	23.87	25.00	1.13	Andesite. Green, fine grained, strong chloritic. Microbreccia of 10-15 cm observed locally. Grade rating of 0.
K-10-156	25.00	36.60	11.60	Monzonite. Strong k-spar alt. with strong pervasive silica flooding. Strong chl+py alt. motting core, and as narrow intervals of up to ~1 m. Generally 2-3% py, as fine diss., veins and clusters. Trace cpy as fine diss, and flecks. Minor microbreccia of 5-10 cm. Grade rating of 1.
K-10-156	36.60	41.16	4.56	Microdiorite. Black with bluish cast, and fine grained. Strong pervasive silica flooding. 2% py, and trace Mo associated with qtz veins. Strongly magnetic. Grade rating of 0.
K-10-156	41.16	106.80	65.64	Monzonite. Strong k-spar alt., and pervasive silica flooding. Trace hematite alt. Generally 1-3% py. Trace to 1-2% cpy associated with silica+chl+py alt, qtz veins, and hematite after magnetite; occurring as fine diss., flecks, clusters, blebs and rare veins. Trace Mo as viens and rare blebs, associated with qtz veins. Minor micorbrecia. Grade rating of 1, 2-3 locally usually <1m.
K-10-156	106.80	108.97	2.17	Hydrothermal Breccia? Mozonite and minor diorite with weak sericite alt. Secondary qtz observed on steep vertical fractures as exhibiting botryoidal habit? and as fine euhedral crystals. 1% py and tr cpy. Grade rating of 1.
K-10-156	108.97	115.90	6.93	Monzonite. Same as (41.16 to 106.8m). Grade rating of 1, 2-3 locally usually <30-40cm.
K-10-156	115.90	119.70	3.80	Diorite. Upper ~80 cm of interval consisting of microdiorite, grading into a equigranular diorite. Generally trace-1% py. Moderately magnetitic.
K-10-156	119.70	127.40	7.70	Monzonite. Same as (41.16 to 106.8m). Grade rating of 1, 2-3 locally usually <1m.
K-10-156	127.40	128.10	0.70	Tectonic Breccia/ Clay Gouge. Upper ~30 cm of interval is crushed and sheared above, ~40cm green clay gouge. Moderate to strong chl and sericite alt. Upper contact broken. Lower contact sharp @ ~55° tca. Grade rating of 0.
K-10-156	128.10	135.20	7.10	Monzonite. Strong k-spar alt. with silica flooding. Generally 1-2% py and trace to 1% cpy commonly associated moderate hematite alt. of 10-20 cm; occurring as fine diss., flecks and clusters. Trace Mo. Grade rating of 0-1, locally 2.
K-10-156	135.20	140.00	4.80	Fault Zone. Interval moderately fractured, broken and rubbly. From ~139.0 to 140.0, strongly sheared diorite with ~70 cm of fault gouge. Generally 1-2% py and trace cpy. Upper contact broken. Lower contact sharp @~45° tca. Grade rating of 0.
K-10-156	140.00	144.80	4.80	Monzonite. Strong k-spar alt. with pervasive silica flooding and weak to strong, and patchy chl alt.. Generally 2-3% py, and trace to ~2% cpy associated with silica+chl+py alt of ~1 m; occurring as fine diss., flecks and clusters. Grade rating of 1, locally 2-3.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-156	144.80	147.80	3.00	Diorite. Green fine to medium grained and equigranular. Trace to 1% py. Rare Mo associated with qtz veins. Minor microbreccia of >10 cm observed locally. Interval mixed with minor layers and bands of monzonite of up to 50 cm. Grade rating of 0.
K-10-156	147.80	154.00	6.20	Monzonite. Similar to (140 to 144.80 m), with 1-3% py and trace to ~1 cpy as fine diss., flecks, and clusters of 20-30 cm. Grade rating of 1, locally 2.
K-10-156	154.00	159.20	5.20	Diorite. Same litho description as (144.8 to 147.8), but minor shearing and clay alt of ~5cm locally. Interval mixed with minor bands and lenses of monzonite. ~20 cm of fault breccia @ 156.7 m. Grade rating of 0.
K-10-156	159.20	180.50	21.30	Monzonite. Strong to intense k-spar alt. with pervasive silica flooding. Generally trace to 1% py. Rare slickenside of Mo observed @ 176.0 m, and tr hematite after magnetite as veins. Pervasive, strong to intense hairline fracturing and minor intrusive breccia. of up to ~60 cm. Grade rating of 0.
K-10-156	180.50	196.85	16.35	Monzonite. Similar to (159.2 to 180.5 m), but with tr Mo associated with qtz veins and tr to 1-2 % hematite after magnetite as veins and clusters commonly associated with 1-3% py Grade rating of 0.
K-10-156	196.85	227.68	30.83	Monzonite. Strong k-spar with pervasive silica flooding. Generally 1-2% py,, up to 10-15% associated with narrow, <40 cm of silica+ser, and trace cpy. Trace to 1-2% hematite after magnetite as veins and clusters, commonly associated with py. Minor microbreccia
K-10-156	227.68	255.90	28.22	Monzonite. Strong k-sapr alt with trace to strong sericite alt. Interval moderately fractured with strongly broken, rubbly and crushed sections of up to ~2 m. Generally tr to 1% py, and tr to <1% cpy locally, as fine diss., and clusters. Trace Mo associated with qtz veins. Minor microbreccia of up to 30 cm and local shearing of <10cm. Rare clay gouge of <5 cm. Strong to intense, and pervasive hairline fracturing.
K-10-156	255.90	259.30	3.40	Tectonic Breccia. Upper and lower contacts sharp @ ~30° and ~45° tca respectively. Interval consisting of fault breccia and gouge.
K-10-156	259.30	287.60	28.30	Monzonite. Similar to (227.68 to 255.9 m). Interval fractured with broken and rubbly sections of ~3 m. Minor microbreccia of up to 30 cm. Generally tr to 1% py and trace cpy. Rare slickensides of Mo @ 278.0 m. Strong to intense, and pervasive hairline fracturing.
K-10-156	287.60	291.69	4.09	Monzonite. Strong k-sapr alt with pervasive silica flooding. Generally 1-2% py, trace cpy as fine flecks, and tr Mo.

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-156	21.34	23.87	2.53	536737	MON	POT			w-m	s				0.5				Q	1-2
K-10-156	23.87	25.00	1.13	536738	ANDK	CL												Q	1-2
K-10-156	25.00	27.00	2.00	536739	MON	POT				s				0.5	tr			Q	1-2
K-10-156	27.00	29.00	2.00	536741	MON	POT	SIL			s				3	tr			Q	1-2
K-10-156	29.00	31.00	2.00	536742	MON	POT	SIL			s				2	0.5			Q	1-2
K-10-156	31.00	33.00	2.00	536743	MON	POT	SIL			s				2	tr			Q	1-2
K-10-156	33.00	35.00	2.00	536744	MON	POT	SIL			s				3	tr			Q	1-2
K-10-156	35.00	36.60	1.60	536745	MON	POT	SIL			s				3	tr			Q	1-2
K-10-156	36.60	38.00	1.40	536746	MD		SIL						s	3			tr	Q	1-2
K-10-156	38.00	40.00	2.00	536747	MD		SIL					tr	s	3	tr			Q	1-2
K-10-156	40.00	41.16	1.16	536748	MD		SIL						s	2	tr			Q	1-2
K-10-156	41.16	43.00	1.84	536749	MON	POT	SIL			s				0.5				Q	1-2
K-10-156	43.00	45.00	2.00	536750	MON	POT	SIL			s		tr		tr				Q	1-2
K-10-156	45.00	47.00	2.00	536751	MON	POT	SIL			s			tr	0.5	tr			Q	1-2
K-10-156	47.00	49.00	2.00	536752	MON	POT	SIL			s				1	0.5		tr	Q	1-2
K-10-156	49.00	51.00	2.00	536753	MON	POT	SIL			s		tr		tr				Q	1-2
K-10-156	51.00	53.00	2.00	536754	MON	POT	SIL			s		tr		1	tr		tr	Q	1-2
K-10-156	53.00	55.00	2.00	536756	MON	POT	SIL			s		tr		2	0.5		tr	Q	1-2
K-10-156	55.00	57.00	2.00	536757	MON	POT	SIL			s		tr	tr	2	tr			Q	1-2
K-10-156	57.00	59.00	2.00	536758	MON	POT	SIL			s		tr	tr	2	tr			Q	1-2
K-10-156	59.00	61.00	2.00	536759	MON	POT	SIL			s		tr	tr	1	tr			Q	1-2
K-10-156	61.00	63.00	2.00	536760	MON	POT	SIL			s		tr	tr	3	0.5			Q	1-2
K-10-156	63.00	65.00	2.00	536761	MON	POT	SIL			s		tr	w	2	tr			Q	1-2
K-10-156	65.00	67.00	2.00	536762	MON	POT	SIL			s		tr		1				Q	1-2
K-10-156	67.00	69.00	2.00	536763	MON	POT	SIL			s		tr		1	tr		tr	Q	1-2
K-10-156	69.00	71.00	2.00	536764	MON	POT	SIL			s				1				Q	1-2
K-10-156	71.00	73.00	2.00	536765	MON	POT	SIL			s		tr		1	tr			Q	1-2
K-10-156	73.00	75.00	2.00	536766	MON	POT	SIL			s				2				Q	1-2
K-10-156	75.00	77.00	2.00	536767	MON	POT	SIL			s				1	tr			Q	1-2
K-10-156	77.00	79.00	2.00	536768	MON	POT	SIL			s				1	tr			Q	1-2
K-10-156	79.00	81.00	2.00	536769	MON	POT	SIL			s				2	2.0			Q	1-2
K-10-156	81.00	83.00	2.00	536771	MON	POT	SIL			s				4	tr			Q	1-2
K-10-156	83.00	85.00	2.00	536772	MON	POT	SIL			s				4	0.5			Q	1-2
K-10-156	85.00	87.00	2.00	536773	MON	POT	SIL			s		tr		1	tr			Q	1-2
K-10-156	87.00	89.00	2.00	536774	MON	POT	SIL			s		tr		1	tr		tr	Q	1-2
K-10-156	89.00	91.00	2.00	536775	MON	POT	SIL			s		tr		1	tr			Q	1-2
K-10-156	91.00	93.00	2.00	536776	MON	POT	SIL			s		tr	m	2	1.0		tr	Q	1-2
K-10-156	93.00	95.00	2.00	536777	MON	POT	SIL			s		tr		2	0.3			Q	1-2
K-10-156	95.00	97.00	2.00	536778	MON	POT	SIL			s		tr		2	0.5		tr	Q	1-2
K-10-156	97.00	99.00	2.00	536779	MON	POT	SIL			s		tr		2	tr			Q	1-2
K-10-156	99.00	101.00	2.00	536780	MON	POT	SIL			s		tr		3	1.0		tr	Q	1-2
K-10-156	101.00	103.00	2.00	536781	MON	POT	SIL			s		tr		2	0.5			Q	1-2
K-10-156	103.00	105.00	2.00	536782	MON	POT	SIL			s		tr		3	tr			Q	1-2
K-10-156	105.00	106.80	1.80	536783	MON	POT	SIL			s		tr		1	tr			Q	1-2
K-10-156	106.80	108.97	2.17	536784	BRX				w			tr		1	tr			Q	1-2
K-10-156	108.97	111.00	2.03	536786	MON	POT	SIL			s		tr		1	0.5			Q	1-2
K-10-156	111.00	113.00	2.00	536787	MON	POT	SIL			s		tr		1	tr			Q	1-2

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-156	113.00	115.90	2.90	536788	MON	POT	SIL			s		tr	m	3	2.0			Q	1-2
K-10-156	115.90	118.00	2.10	536789	DIO							tr	m	0.5				Q	1-2
K-10-156	118.00	119.70	1.70	536790	DIO							tr	m	1				Q	1-2
K-10-156	119.70	122.00	2.30	536791	MON	POT	SIL			s				3	2.0			Q	1-2
K-10-156	122.00	124.00	2.00	536792	MON	POT	SIL			s				2	1.0			Q	1-2
K-10-156	124.00	126.00	2.00	536793	MON	POT	SIL			s				2	tr			Q	1-2
K-10-156	126.00	127.40	1.40	536794	MON	POT	SIL			s				2	tr		tr	Q	1-2
K-10-156	127.40	128.10	0.70	536795	TBRX									1				Q	1-2
K-10-156	128.10	130.00	1.90	536796	MON	POT	SIL		tr	s				1	tr			Q	1-2
K-10-156	130.00	132.00	2.00	536797	MON	POT	SIL			s		tr		3	0.5			Q	1-2
K-10-156	132.00	134.00	2.00	536798	MON	POT	SIL			s		tr		3	tr		tr	Q	1-2
K-10-156	134.00	135.20	1.20	536799	MON	POT	SIL			s		tr		1	tr			Q	1-2
K-10-156	135.20	137.00	1.80	536801	MON	POT	SIL			s		tr		1				Q	1-2
K-10-156	137.00	139.00	2.00	536802	MON	POT	SIL			s		tr		2	tr			Q	1-2
K-10-156	139.00	140.00	1.00	536803	DIO							tr		tr					
K-10-156	140.00	142.00	2.00	536804	MON	POT	SIL			s		tr		4	2.0			Q	1-2
K-10-156	142.00	144.80	2.80	536805	MON	POT	SIL			s		tr		2	tr			Q	1-2
K-10-156	144.80	146.00	1.20	536806	DIO							tr		1				C,Q	2-3
K-10-156	146.00	147.80	1.80	536807	DIO							tr		tr			tr	C	2-3
K-10-156	147.80	150.00	2.20	536808	MON	POT	SIL			s				3	tr			Q	1-2
K-10-156	150.00	152.00	2.00	536809	MON	POT	SIL			s				3	1.0			Q	1-2
K-10-156	152.00	154.00	2.00	536810	MON	POT	SIL			s		tr		3				Q	1-2
K-10-156	154.00	156.00	2.00	536811	DIO							tr		1				C,Q	2-3
K-10-156	156.00	158.00	2.00	536812	DIO							tr		1				C,Q	2-3
K-10-156	158.00	159.20	1.20	536813	DIO							tr		tr				C,Q	2-3
K-10-156	159.20	161.00	1.80	536814	MON	POT	SIL			s				tr				Q	1-2
K-10-156	161.00	163.00	2.00	536816	MON	POT	SIL			s		tr	tr	1				Q	1-2
K-10-156	163.00	165.00	2.00	536817	MON	POT	SIL			s				tr				Q	1-2
K-10-156	165.00	167.00	2.00	536818	MON	POT	SIL			s				tr				Q	1-2
K-10-156	167.00	169.00	2.00	536819	MON	POT	SIL			s				1				Q	1-2
K-10-156	169.00	171.00	2.00	536820	MON	POT	SIL			s				tr				Q	1-2
K-10-156	171.00	173.00	2.00	536821	MON	POT	SIL			s				1				Q	1-2
K-10-156	173.00	175.00	2.00	536822	MON	POT	SIL			s				tr				Q	1-2
K-10-156	175.00	177.00	2.00	536823	MON	POT	SIL			s				tr			tr	Q	1-2
K-10-156	177.00	179.00	2.00	536824	MON	POT	SIL			s		tr		0.5				Q	1-2
K-10-156	179.00	180.50	1.50	536825	MON	POT	SIL			s		tr		0.5				Q	1-2
K-10-156	180.50	182.00	1.50	536826	MON	POT	SIL			s		tr	m	2			tr	Q	1-2
K-10-156	182.00	184.00	2.00	536827	MON	POT	SIL			s		tr	m	2			tr	Q	1-2
K-10-156	184.00	186.00	2.00	536828	MON	POT	SIL			s		tr	m	3				Q	1-2
K-10-156	186.00	188.00	2.00	536829	MON	POT	SIL			s		tr	m	3				Q	1-2
K-10-156	188.00	190.00	2.00	536831	MON	POT	SIL			s		tr		2				Q	1-2
K-10-156	190.00	192.00	2.00	536832	MON	POT	SIL			s		tr		4				Q	1-2
K-10-156	192.00	194.00	2.00	536833	MON	POT	SIL			s		tr		3				Q	1-2
K-10-156	194.00	196.00	2.00	536834	MON	POT	SIL			s		tr		2				Q	1-2
K-10-156	196.00	196.85	2.00	536835	MON	POT	SIL			s		tr		2				Q	1-2
K-10-156	196.85	199.00	2.15	536836	MON	POT	SIL		w	s		tr		7	tr			Q	1-2
K-10-156	199.00	201.00	2.00	536837	MON	POT	SIL			s		tr	m	5				Q	1-2
K-10-156	201.00	203.00	2.00	536838	MON	POT	SIL			s		tr		3				Q	1-2

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-156	203.00	205.00	2.00	536839	MON	POT	SIL			s		tr	w	3				Q	1-2
K-10-156	205.00	207.00	2.00	536840	MON	POT	SIL			s		tr		1				Q	1-2
K-10-156	207.00	209.00	2.00	536841	MON	POT	SIL			s		tr	m	3				Q	1-2
K-10-156	209.00	211.00	2.00	536842	MON	POT	SIL			s		tr		3				Q	1-2
K-10-156	211.00	213.00	2.00	536843	MON	POT	SIL			s		tr		2				Q	1-2
K-10-156	213.00	215.00	2.00	536844	MON	POT	SIL			s		tr		1				Q	1-2
K-10-156	215.00	217.00	2.00	536846	MON	POT	SIL			s		tr		4				Q	1-2
K-10-156	217.00	219.00	2.00	536847	MON	POT	SIL		w	s		tr		7	tr			Q	1-2
K-10-156	219.00	221.00	2.00	536848	MON	POT	SIL		w	s		tr	m	4	tr			Q	1-2
K-10-156	221.00	223.00	2.00	536849	MON	POT	SIL			s		tr		3		tr		Q	1-2
K-10-156	223.00	225.00	2.00	536850	MON	POT	SIL			s		tr	w	3				Q, Q+C	2-3
K-10-156	225.00	227.68	2.68	536851	MON	POT	SIL			s		tr	w	4				Q, Q+C	2-3
K-10-156	227.68	230.00	2.32	536852	MON	POT	SIL			s		tr		2				Q, Q+C	2-3
K-10-156	230.00	232.00	2.00	536853	MON	POT	SIL			s		tr		1		tr		Q, Q+C	2-3
K-10-156	232.00	234.00	2.00	536854	MON	POT	SIL			s		tr		0.5				Q	3-4
K-10-156	234.00	236.00	2.00	536855	MON	POT	SIL			s		tr		0.5				Q	3-4
K-10-156	236.00	238.00	2.00	536856	MON	POT	SIL			s		tr		1		tr		Q, Q+C	2-3
K-10-156	238.00	240.00	2.00	536857	MON	POT	SIL			s		tr		1		tr		Q, Q+C	1-2
K-10-156	240.00	242.00	2.00	536858	MON	POT	SIL			s		tr		1	1			Q	2-3
K-10-156	242.00	244.00	2.00	536859	MON	POT	SIL			s		tr		1	1			Q	2-3
K-10-156	244.00	246.00	2.00	536861	MON	POT	SIL		tr	s		tr		1				Q	2-3
K-10-156	246.00	248.00	2.00	536862	MON	POT	SIL		w	s		tr		0.5				Q	2-3
K-10-156	248.00	250.00	2.00	536863	MON	POT	SIL		w	s		tr		0.5				Q	1-2
K-10-156	250.00	252.00	2.00	536864	MON	POT	SIL		w	s				1				Q	1-2
K-10-156	252.00	254.00	2.00	536865	MON	POT	SIL		m			tr		2				Q	1-2
K-10-156	254.00	255.90	1.90	536866	MON	SER	SIL		s			tr		0.5				Q	1-2
K-10-156	255.90	258.00	2.10	536867	TBRX	ARG													
K-10-156	258.00	259.30	1.30	536868	TBRX	ARG													
K-10-156	259.30	261.00	1.70	536869	MON	SER	SIL		s			tr		tr				Q+C, Q	2-3
K-10-156	261.00	263.00	2.00	536870	MON	POT	SIL		m			tr		tr				Q+C, Q	2-3
K-10-156	263.00	265.00	2.00	536871	MON	POT	SIL		tr	s		tr		tr				Q+C, Q	2-3
K-10-156	265.00	267.00	2.00	536872	MON	POT	SIL		tr	s		tr		tr				Q+C, Q	2-3
K-10-156	267.00	269.00	2.00	536873	MON	POT	SIL		tr	s		tr		1				Q+C, Q	2-3
K-10-156	269.00	271.00	2.00	536874	MON	POT	SIL		tr	s		tr		tr				Q+C, Q	2-3
K-10-156	271.00	273.00	2.00	536876	MON	POT	SIL		tr	s		tr		1				Q+C, Q	2-3
K-10-156	273.00	275.00	2.00	536877	MON	POT	SIL		tr	s		tr		tr		tr		Q+C, Q	2-3
K-10-156	275.00	277.00	2.00	536878	MON	POT	SIL		w	s		tr		tr	tr			Q+C, Q	2-3
K-10-156	277.00	279.00	2.00	536879	MON	POT	SIL		w	s		tr		tr		tr		Q+C, Q	2-3
K-10-156	279.00	281.00	2.00	536880	MON	POT	SIL			s		tr		tr				Q+C, Q	2-3
K-10-156	281.00	283.00	2.00	536881	MON	POT	SIL			s		tr		tr				Q+C, Q	2-3
K-10-156	283.00	285.00	2.00	536882	MON	POT	SIL			s		tr		1	tr			Q+C, Q	2-3
K-10-156	285.00	287.60	2.60	536883	MON	POT	SIL			s		tr		tr				Q+C, Q	2-3
K-10-156	287.60	290.00	2.40	536884	MON	POT	SIL			s		tr	tr	2	tr			Q+C, Q	2-3
K-10-156	290.00	291.69	1.60	536885	MON	POT	SIL			s		tr	tr	1			tr	Q+C, Q	2-3

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-157	0.00	40.23	40.23	Casing/Overburden
K-10-157	40.23	46.41	6.18	Monzonite. Strong and texture destructive, pervasive K-spar + sericite altered with minor and local chlorite alteration. 1% Q/C veining
K-10-157	46.41	48.24	1.83	Aplite dyke. Pervasively altered with green clay (CHL?) and 1% Q/C veining. Hematite is present along some veins.
K-10-157	48.24	54.74	6.50	Fault zone representative of the West Fault. Mylonitic fault zone. Matrix of red, hematitic mudstone, characteristic of the west fault. Orientation of foliation is at 35-45 degrees to CA,. Indicating a sub-vertical structure. Trace MO along fractures.
K-10-157	54.74	96.81	42.07	Fairly competent (compared to above) Qtz Monzonite with strong pervasive sericite alteration. Also moderate pervasive K-spar and/or hematite alteration. 1% Q/C veining and trace vein controlled CPY
K-10-157	96.81	98.35	1.54	Andesite dyke with strong pervasive green clay (+ CHL) alteration and strong hematite alteration controlled by fractures and along foliation. 2% Q/C veins
K-10-157	98.35	104.93	6.58	Quartz monzonite with m-strong pervasive sericite and k-spar alteration. Subhedral quartz. 1% Q/C veining
K-10-157	104.93	113.83	8.90	Tectonic breccia of the same lithology as above. Down hole clay alteration is becomes more prevalent and is strong and pervasive. Fracture controlled hematite also increases down hole and is strong.
K-10-157	113.83	135.45	21.62	Monzonite breccia with strong, pervasive QSP alteration. 10% Py and 2% Q/C veins. CPY(0.5%) is associated with larger blebs of Py. Alteration is semi-texture destructive and the rock is fairly crumbly. Patchy but pervasive moderate K-spar alteration.
K-10-157	135.45	159.85	24.40	Monzonite breccia w strong, pervasive and semi-texture destructive K-spar alteration. 5% Py along fractures and veins - sometimes sooty. (0.5%) CPY is associated with py but is patchy and occurs in clusters. Some moderate QSP alteration occurs in patches 10-40cm apart and occurs over short (5cm) intervals. This is Py-associated CPY is found. There is also patchy but pervasive and strong green clay (CHL?) alteration. 1-2% Q/C veins.
K-10-157	159.85	169.53	9.68	Monzonite with pervasive and texture destructive sericite/K-spar alteration. Pyrite is finely disseminated at 1% and occurs in short (5cm) intervals at up to 10%. CPY (tr) is associated with these intervals and with grey Qtz veins. 1-2% Q/C veins w some gypsum along fractures. Rare MO along vein selvages.
K-10-157	169.53	194.27	24.74	Monzonite with local breccias. Otherwise it is the same as above. Increasing Qtz-associated MO and 10cm patches of CHL/SIL Alt with elevated (10%) PY.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-157	194.27	229.50	35.23	Monzonite mineralized zone. Strong pervasive silica/k-spar alteration which is partially texture-destructive. 50-100cm intervals of clay alteration. Several meter long intervals of intense QSP flooding with massive PY/hematite veins. CPY and MO are associated with PY veins and as disseminations within QSP zones and within grey QTZ veins. Patchy blebs of CHL. Overall ~ 10% Py and ~ 1% CPY. High MO. 3-5% Q/C + Q veins
K-10-157	229.50	240.18	10.68	Monzonite with moderate pervasive K-spar alteration and weak pervasive sericite alteration. 1-2% Py and tr CPY. 3% Q/C veins.
K-10-157	240.18	277.00	36.82	Monzonite with weak pervasive K-spar alteration overprinted by mod-strong sericite alteration. 1-2% Py and tr CPY. 3% Q/C veins.
K-10-157	277.00	287.00	10.00	ANKD mixed zone. Mostly strongly chlorite altered andesite dykes with small amounts of Monzonite interspersed. 3% Q/C veins.
K-10-157	287.00	299.00	12.00	Monzonite. Strong and pervasive K-spar and sericite alteration. 2% Py and 3% Q/C, Q veins.
K-10-157	299.00	301.00	2.00	Andesite dyke with strong chlorite alteration and 2% Py, trace CPY, and 3% Q, Q/C veins.
K-10-157	301.00	319.43	18.43	Monzonite. Strong and pervasive K-spar and silica alteration. 2% Py and 3% Q/C, Q veins.

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-157	40.23	42.40	2.17	538693	MON	POT	SER	w	s	s								Q/C	1
K-10-157	42.40	44.40	2.00	538694	MON	POT	SER	w	s	s								Q/C	1
K-10-157	44.40	46.40	2.00	538695	MON	POT	SER	w	s	s								Q/C	1
K-10-157	46.40	48.25	1.85	538696	APD	CHL		s										Q/C	1
K-10-157	48.25	50.50	2.25	538697	FTZ	CHL	HEM	s				s					tr	Q/C	1
K-10-157	50.50	52.50	2.00	538698	FTZ	CHL	HEM	s				s						Q/C	1
K-10-157	52.50	54.75	2.25	538699	FTZ	CHL	HEM	s				s						Q/C	1
K-10-157	54.75	57.00	2.25	538700	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	1
K-10-157	57.00	59.00	2.00	538701	QMON	SER	HEM/POT		s	w-m		w-m		tr				Q/C	1
K-10-157	59.00	61.00	2.00	538702	QMON	SER	HEM/POT		s	w-m		w-m			tr			Q/C	1
K-10-157	61.00	63.00	2.00	538703	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	1
K-10-157	63.00	65.00	2.00	538704	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	1
K-10-157	65.00	67.00	2.00	538706	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	1
K-10-157	67.00	69.00	2.00	538707	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	1
K-10-157	69.00	71.00	2.00	538708	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	1
K-10-157	71.00	73.00	2.00	538709	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	1
K-10-157	73.00	75.00	2.00	538710	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	1
K-10-157	75.00	77.00	2.00	538711	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	1
K-10-157	77.00	79.00	2.00	538712	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	1
K-10-157	79.00	81.00	2.00	538713	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	1
K-10-157	81.00	83.00	2.00	538714	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	1
K-10-157	83.00	85.00	2.00	538715	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	1
K-10-157	85.00	87.00	2.00	538716	QMON	SER	HEM/POT		s	w-m		w-m		tr				Q/C	1
K-10-157	87.00	89.00	2.00	538717	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	1
K-10-157	89.00	91.00	2.00	538718	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	2
K-10-157	91.00	93.00	2.00	538719	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	2
K-10-157	93.00	95.00	2.00	538721	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	2
K-10-157	95.00	96.81	1.81	538722	QMON	SER	HEM/POT		s	w-m		w-m						Q/C	4
K-10-157	96.81	98.35	1.54	538723	ANDK	CHL	HEM					s		tr				Q/C	5
K-10-157	98.35	100.35	2.00	538724	QMON	SER	POT		s	m				tr				Q/C	2
K-10-157	100.35	102.35	2.00	538725	QMON	SER	POT		s	m				tr				Q/C	2
K-10-157	102.35	104.93	2.58	538726	QMON	SER	POT		s	m				tr				Q/C	2
K-10-157	104.93	106.93	2.00	538727	TBRX	SER	POT		s	m		w		tr				Q/C	2
K-10-157	106.93	109.00	2.07	538728	TBRX	SER	POT		s	m		w		tr				Q/C	3
K-10-157	109.00	111.30	2.30	538729	TBRX	SER	POT		s	m		w		tr				Q/C	3
K-10-157	111.30	113.83	2.53	538730	TBRX	SER	POT		s	m		w		tr				Q/C	3
K-10-157	113.83	116.00	2.17	538731	MONBRX	QSP								3				Q, Q/C	5
K-10-157	116.00	118.00	2.00	538732	MONBRX	QSP								4				Q, Q/C	5
K-10-157	118.00	120.00	2.00	538733	MONBRX	QSP								4				Q, Q/C	5
K-10-157	120.00	122.00	2.00	538734	MONBRX	QSP								5	tr			Q, Q/C	5
K-10-157	122.00	124.00	2.00	538736	MONBRX	QSP								5				Q, Q/C	5
K-10-157	124.00	126.00	2.00	538737	MONBRX	QSP								5				Q, Q/C	5
K-10-157	126.00	128.00	2.00	538738	MONBRX	QSP	POT			w				5				Q, Q/C	5
K-10-157	128.00	130.00	2.00	538739	MONBRX	QSP	POT			w				7				Q, Q/C	5
K-10-157	130.00	132.00	2.00	538740	MONBRX	QSP	POT			w				7				Q, Q/C	5
K-10-157	132.00	134.00	2.00	538741	MONBRX	QSP	POT			w				7				Q, Q/C	8
K-10-157	134.00	135.45	1.45	538742	MONBRX	POT	CHL			m		tr		7				Q, Q/C	8

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-157	135.45	137.00	1.55	538743	MONBRX	POT	CHL			m		tr		4				Q, Q/C	5
K-10-157	137.00	139.00	2.00	538744	MONBRX	POT	CHL			m-s		tr		4				Q, Q/C	5
K-10-157	139.00	141.00	2.00	538745	MONBRX	POT	CHL			m-s		tr		4	1.0			Q, Q/C	5
K-10-157	141.00	143.00	2.00	538746	MONBRX	POT	CHL			m-s		tr		4				Q, Q/C	5
K-10-157	143.00	145.00	2.00	538747	MONBRX	POT	CHL			w		tr		7	1.0			Q, Q/C	4
K-10-157	145.00	147.00	2.00	538748	MONBRX	POT	CHL			m-s		tr		4				Q, Q/C	5
K-10-157	147.00	149.00	2.00	538749	MONBRX	POT	CHL			m-s		tr		5				Q, Q/C	5
K-10-157	149.00	151.00	2.00	538751	MONBRX	POT	CHL			m-s		tr		4	tr			Q, Q/C	5
K-10-157	151.00	153.00	2.00	538752	MONBRX	POT	CHL			m-s		tr		3				Q, Q/C	2
K-10-157	153.00	155.00	2.00	538753	MONBRX	POT	CHL			m-s		tr		2				Q, Q/C	2
K-10-157	155.00	157.50	2.50	538754	MONBRX	POT	CHL			m-s		tr		3	tr			Q, Q/C	2
K-10-157	157.50	159.85	2.35	538755	MONBRX	POT	CHL			m-s		tr		1				Q, Q/C	2
K-10-157	159.85	161.85	2.00	538756	MON	POT	SER		s	s				1				Q, Q/C	2
K-10-157	161.85	164.00	2.15	538757	MON	POT	SER		s	s				1				Q, Q/C	2
K-10-157	164.00	166.00	2.00	538758	MON	POT	SER		s	s				1	tr			Q, Q/C	2
K-10-157	166.00	168.00	2.00	538759	MON	POT	SER		s	s				1				Q, Q/C	2
K-10-157	168.00	169.53	1.53	538760	MON	POT	SER		s	s				1				Q, Q/C	2
K-10-157	169.53	171.53	2.00	538761	MON	POT	SER		s	s				tr				Q, Q/C	2
K-10-157	171.53	174.00	2.47	538762	MON	POT	SER		s	s				tr	tr		tr	Q, Q/C	2
K-10-157	174.00	176.00	2.00	538763	MON	POT	SER		s	s				tr				Q, Q/C	2
K-10-157	176.00	178.00	2.00	538764	MON	POT	SER		s	s				tr				Q, Q/C	2
K-10-157	178.00	180.00	2.00	538766	MON	POT	SER		s	s				tr				Q, Q/C	2
K-10-157	180.00	182.00	2.00	538767	MON	POT	SER		s	s				tr			tr	Q, Q/C	10
K-10-157	182.00	184.00	2.00	538768	MON	POT	SER		s	s				tr				Q, Q/C	2
K-10-157	184.00	186.00	2.00	538769	MON	POT	SER		s	s				tr			tr	Q, Q/C	2
K-10-157	186.00	188.00	2.00	538770	MON	POT	SER		s	s				tr				Q, Q/C	2
K-10-157	188.00	190.00	2.00	538771	MON	POT	SER		s	s				tr				Q, Q/C	2
K-10-157	190.00	192.00	2.00	538772	MON	POT	SER		s	s				tr				Q, Q/C	2
K-10-157	192.00	194.27	2.27	538773	MON	POT	SER		s	s				tr				Q, Q/C	2
K-10-157	194.27	196.00	1.73	538774	MON	POT	SER		s	s				5	tr		tr	Q, Q/C	2
K-10-157	196.00	198.00	2.00	538775	MON	POT	SER		s	s				3				Q, Q/C	2
K-10-157	198.00	200.00	2.00	538776	MON	POT	SER		s	s				4				Q, Q/C	2
K-10-157	200.00	202.00	2.00	538777	MON	POT	SER		s	s				3	tr			Q, Q/C	2
K-10-157	202.00	204.00	2.00	538778	MON	POT	QSP			s		tr		5	tr			Q, Q/C	2
K-10-157	204.00	206.00	2.00	538779	MON	POT	QSP			s		tr		5	tr			Q, Q/C	2
K-10-157	206.00	208.00	2.00	538781	MON	POT	QSP			s		tr		2				Q, Q/C	2
K-10-157	208.00	210.00	2.00	538782	MON	QSP								10	tr			Q, Q/C	2
K-10-157	210.00	212.00	2.00	538783	MON	POT	QSP			s				3				Q, Q/C	2
K-10-157	212.00	214.00	2.00	538784	MON	POT	SER		s	s				3	tr		tr	Q, Q/C	2
K-10-157	214.00	216.00	2.00	538785	MON	POT	SER		s	s				5	1.0		tr	Q, Q/C	2
K-10-157	216.00	218.00	2.00	538786	MON	POT	SER		s	s				1			tr	Q, Q/C	2
K-10-157	218.00	220.00	2.00	538787	MON	POT	SER		s	s				5			tr	Q, Q/C	2
K-10-157	220.00	222.00	2.00	538788	MON	QSP	SER		s					3	tr		tr	Q, Q/C	2
K-10-157	222.00	224.00	2.00	538789	MON	POT	SER		s	m				4				Q, Q/C	2
K-10-157	224.00	226.00	2.00	538790	MON	POT	SER		s	m				2				Q, Q/C	2
K-10-157	226.00	228.00	2.00	538791	MON	POT	SER		s	m				tr	tr		tr	Q, Q/C	2
K-10-157	228.00	229.50	1.50	538792	MON	POT	SER		w	m				tr				Q, Q/C	2
K-10-157	229.50	232.00	2.50	538793	MON	POT	SER		w	s				tr				Q, Q/C	2

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-157	232.00	234.00	2.00	538794	MON	POT	SER		w	s				tr				Q, Q/C	2
K-10-157	234.00	236.00	2.00	538796	MON	POT	SER		w	s				tr				Q, Q/C	2
K-10-157	236.00	238.00	2.00	538797	MON	POT	SER		w	s				tr				Q, Q/C	2
K-10-157	238.00	240.18	2.18	538798	MON	POT	SER		w	s				tr				Q, Q/C	2
K-10-157	240.18	242.00	1.82	538799	MON	POT	SER		s	m				tr				Q, Q/C	3
K-10-157	242.00	244.00	2.00	538800	MON	POT	SER		s	m				tr				Q, Q/C	3
K-10-157	244.00	246.00	2.00	538801	MON	POT	SER		s	m				tr				Q, Q/C	3
K-10-157	246.00	248.00	2.00	538802	MON	POT	SER		s	m				tr				Q, Q/C	3
K-10-157	248.00	250.00	2.00	538803	MON	POT	SER		s	m				2				Q, Q/C	3
K-10-157	250.00	252.00	2.00	538804	MON	POT	SER		s	m				2	0.5			Q, Q/C	3
K-10-157	252.00	254.00	2.00	538805	MON	POT	SER		s	m				2				Q, Q/C	3
K-10-157	254.00	256.00	2.00	538806	MON	POT	SER		s	s				2				Q, Q/C	3
K-10-157	256.00	258.00	2.00	538807	MON	POT	SER		s	s				2				Q, Q/C	3
K-10-157	258.00	260.00	2.00	538808	MON	POT	SER		s	s				2	0.5			Q, Q/C	3
K-10-157	260.00	262.00	2.00	538809	MON	POT	SER		s	s				2	tr			Q, Q/C	3
K-10-157	262.00	264.00	2.00	538811	MON	POT	SER		s	s				2				Q, Q/C	3
K-10-157	264.00	266.00	2.00	538812	MON	POT	SER		s	s				4			tr	Q, Q/C	5
K-10-157	266.00	268.00	2.00	538813	MON	POT	SER		s	s				4			tr	Q, Q/C	5
K-10-157	268.00	270.00	2.00	538814	MON	POT	SER		s	s				4			tr	Q, Q/C	5
K-10-157	270.00	272.00	2.00	538815	MON	POT	SER		s	s				4			tr	Q, Q/C	5
K-10-157	272.00	274.00	2.00	538816	MON	POT	SER		s	s				4			tr	Q, Q/C	5
K-10-157	274.00	276.00	2.00	538817	MON	POT	SER		s	s				4			tr	Q, Q/C	5
K-10-157	276.00	277.00	2.00	538818	MON	POT	SER		s	s				4				Q, Q/C	5
K-10-157	277.00	279.00	2.00	538819	ANKD	CHL						m						Q, Q/C	3
K-10-157	279.00	281.00	2.00	538820	ANKD	CHL						m						Q, Q/C	3
K-10-157	281.00	283.00	2.00	538821	ANKD	CHL						m						Q, Q/C	3
K-10-157	283.00	284.43	2.00	538822	ANKD	CHL						m						Q, Q/C	3
K-10-157	284.43	287.00	2.00	538823	ANKD	CHL						m						Q, Q/C	3
K-10-157	287.00	289.00	2.00	538824	MON	POT	SER		s	s				2				Q, Q/C	3
K-10-157	289.00	291.00	2.00	538826	MON	POT	SER		s	s				2				Q, Q/C	3
K-10-157	291.00	293.30	2.00	538827	MON	POT	SER		s	s				2				Q, Q/C	3
K-10-157	293.30	295.00	2.00	538828	MON	POT	SER		s	s				2				Q, Q/C	3
K-10-157	295.00	297.00	2.00	538829	MON	POT	SER		s	s				2				Q, Q/C	3
K-10-157	297.00	299.00	2.00	538830	MON	POT	SER		s	s				2				Q, Q/C	3
K-10-157	299.00	301.00	2.00	538831	ANKD	POT	SER		s	s				2	0.5			Q, Q/C	3
K-10-157	301.00	303.70	2.00	538832	MON	POT	SIL			s				2				Q, Q/C	3
K-10-157	303.70	306.00	2.00	538833	MON	POT	SIL			s				2				Q, Q/C	3
K-10-157	306.00	308.00	2.00	538834	MON	POT	SIL			s				2				Q, Q/C	3
K-10-157	308.00	310.00	2.00	538835	MON	POT	SIL			s				2				Q, Q/C	3
K-10-157	310.00	312.00	2.00	538836	MON	POT	SIL			s				2				Q, Q/C	3
K-10-157	312.00	314.00	2.00	538837	MON	POT	SIL			s				2				Q, Q/C	3
K-10-157	314.00	316.00	2.00	538838	MON	POT	SIL			s				2				Q, Q/C	3
K-10-157	316.00	318.00	2.00	538839	MON	POT	SIL			s				2				Q, Q/C	3
K-10-157	318.00	319.43	2.00	538841	MON	POT	SIL			s				2				Q, Q/C	3

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-158	45.72	46.80	1.08	Monzonite. Intense k-spar alt. with primary qtz, tr<1% py, and tr cpy.
K-10-158	46.80	48.20	1.40	Monzonite. Intense silica + sericite alt. with 2-3% py and cpy. Cpy as fine diss., flecks and clusters/cloths of 0.5-1 cm. Trace Mo as veinlets.
K-10-158	48.20	48.95	0.75	Andesite dyke. Green, and fine grained. 2-3% py.
K-10-158	48.95	50.50	1.55	Monzonite. Strong to intense silica + sericite alt. with 2-3% py, tr to 1-2% cpy as fine diss., and tr Mo. Hematite after magnetite commonly observed selvaging py clusters. Minor andesite dyke and microbreccia.
K-10-158	50.50	54.30	3.80	Andesite dyke. Green, and fine grained. 2-3% py. Interval strongly fractured and broken with ~3-4% calcite veins, and minor epidote alt.
K-10-158	54.30	57.20	2.90	Teconic Breccia. Upper contact irregular, and lower contact sharp @ ~80° tca with ~5 cm of clay gouge. Dominantly andesite mixed with subordinate monzonite; monzo clasts up to 3 cm, and weak clay alt of <10 cm. Generally 1-2% py, tr to 1% cpy as fine diss., flecks and small clusters, and trace Mo.
K-10-158	57.20	84.42	27.22	Monzonite. Strong k-spar alt. with silica flooding and ~10-15% qtz veins. Trace hematite alt. Interval strongly fractured and broken, with rubbly section of ~1 m. Generally tr to 2% py, tr<1 cpy, and tr Mo. Minor andesite microbreccas of 30-40 cm.
		EOH		

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-158	45.72	46.80	1.08	536886	MON	POT						tr		0.5	tr			Q+C, Q	1-2
K-10-158	46.80	48.20	1.40	536887	MON	SER	SIL		s			tr		2	3		tr	Q+C, Q	1-2
K-10-158	48.20	48.95	0.75	536888	ANDK							tr		2				Q+C, Q	1-2
K-10-158	48.95	50.50	1.55	536889	MON	POT	SER		m			tr		2	2		tr	Q+C, Q	1-2
K-10-158	50.50	52.50	2.00	536891	ANDK							tr		3				Q+C	3-4
K-10-158	52.50	54.30	1.80	536892	ANDK							tr		2				Q+C	3-4
K-10-158	54.30	56.00	1.70	536893	TBRX							tr		3	0.5		tr		
K-10-158	56.00	57.20	1.20	536894	TBRX							tr		2	1				
K-10-158	57.20	59.00	1.80	536895	MON	POT	QV					tr		2	1			Q	10-15
K-10-158	59.00	61.00	2.00	536896	MON	POT	QV					tr		2	0.5		tr	Q	10-15
K-10-158	61.00	63.00	2.00	536897	MON	POT	QV					tr		1				Q	10-15
K-10-158	63.00	65.00	2.00	536898	MON	POT	QV					tr		2	0.5		tr	Q	10-15
K-10-158	65.00	67.00	2.00	536899	MON	POT	QV					tr		tr			tr	Q	10-15
K-10-158	67.00	69.00	2.00	536900	MON	POT	QV					tr		tr	tr		tr	Q	10-15
K-10-158	69.00	71.00	2.00	536901	MON	POT	QV					tr						Q	10-15
K-10-158	71.00	73.00	2.00	536902	MON	POT	QV					tr		tr				Q	10-15
K-10-158	73.00	75.00	2.00	536903	MON	POT	QV					tr						Q	10-15
K-10-158	75.00	77.00	2.00	536904	MON	POT	QV					tr			tr			Q	10-15
K-10-158	77.00	79.00	2.00	536906	MON	POT	QV					tr						Q	10-15
K-10-158	79.00	81.00	2.00	536907	MON	POT	QV					tr						Q	10-15
K-10-158	81.00	83.00	2.00	536908	MON	POT	QV					tr						Q	10-15
K-10-158	83.00	84.42	1.42	536909	MON	POT	QV					tr			tr			Q	10-15

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-159	19.30	26.64	7.34	Monzonite. Pervasively and strongly Qtz altered. Silica overprinting moderate K-spar alteration. Moderately fractured. 10-20cm zones of microdiorite. Very minor trace of PY. 5% Qtz veining parallel to CA. (late stage?) - east fault?
K-10-159	26.64	54.60	27.96	Microdiorite. Pervasively and strongly CHL altered. Moderate but patchy disseminated magnetite alteration. Some clay-altered plagioclase phenocrysts (.5cm) are still visible. 3% Q/C veining. Strong, fracture controlled hematite and patchy but strong lime green clay alteration. No sulfide mineralization. Broken zones with clay alteration up to 30cm in length. Sections of below monzonite unit up to 70cm in length interspersed within.
K-10-159	54.60	57.50	2.90	Massive Quartz vein with trace MO possibly remobilized by fault.
K-10-159	57.50	80.42	22.92	Microdiorite. Pervasively and strongly CHL altered. Moderate but patchy disseminated magnetite alteration. Some clay-altered plagioclase phenocrysts (.5cm) are still visible. 3% Q/C veining. Strong, fracture controlled hematite and patchy but strong. Subvertical shears which indicate proximity of East fault? Broken zone for most of interval. Could represent pathway for diorite dykes coming off deeper diorite body. Pyrite often occurring as grey mud or as very fine disseminations. Occuring only in trace amounts and this pattern occurs until ~130m
K-10-159	80.42	85.00	4.58	Monzonite. Pervasively and strongly Qtz altered. Silica overprinting strong K-spar alteration. Moderately fractured. 10-20cm zones of microdiorite. Very minor trace of PY. 1% Q/C veining (mostly Q). Some veins are up to 10cm and orientation cannot be determined. They are massive and barren and are likely later stage and coincident with the subvertical shears
K-10-159	85.00	89.38	4.38	Microdiorite. Pervasively and strongly CHL altered. Moderate but patchy disseminated magnetite alteration. Some clay-altered plagioclase phenocrysts (.5cm) are still visible. 3% Q/C veining. Strong, fracture controlled hematite and patchy but strong
K-10-159	89.38	176.47	87.09	Monzonite. Pervasive K-spar and Qtz alteration ranging from moderate to strong. Patchy areas of moderate sericite alteration. Moderate and pervasive albite alteration along boundaries of larger (10cm+) Qtz veins. Albite alteration extends for up to 60cm away from Qtz veins. The majority of this unit is representative of a weak broken zone with many fracture-healing textures and large amounts of silica. Overall 4% Q, Q/C veins with larger veins being Q and small stringers being Q/C. Moly is associated with both vein types and occurs as blebs in Qtz veins and as fine grain disseminations in smaller Q/C veins. Cpy occurs as fine disseminations within smaller veins and within areas of networked stringers. Pyrite occurs in the same areas as well as disseminations throughout the interval. Intensely CHL-altered andesite dykes up to 1.5m at the lower end of the hole.
		EOH		

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-159	19.31	21.00	1.69	538842	MON	SIL	POT			w				tr				Q	5
K-10-159	21.00	23.00	2.00	538843	MON	SIL	POT			w				tr				Q	5
K-10-159	23.00	25.00	2.00	538844	MON	SIL	POT			w-m				tr				Q	5
K-10-159	25.00	26.64	1.64	538845	MON	SIL	POT			w				tr				Q	5
K-10-159	26.64	29.00	2.36	538846	MD	CHL	POT			w								Q/C	5
K-10-159	29.00	31.00	2.00	538847	MD	CHL						w						Q/C	2
K-10-159	31.00	33.00	2.00	538848	MD	CHL						w						Q/C	2
K-10-159	33.00	35.00	2.00	538849	MD	CHL						w						Q/C	2
K-10-159	35.00	37.00	2.00	538850	MD	CHL						w						Q/C	2
K-10-159	37.00	39.00	2.00	538851	MD	CHL						w		tr				Q/C	4
K-10-159	39.00	41.00	2.00	538852	MD	CHL					m			tr				Q/C	3
K-10-159	41.00	43.00	2.00	538853	MD	CHL						m		tr	tr			Q/C	3
K-10-159	43.00	45.00	2.00	538854	MON	POT	SIL			w				tr				Q/C	3
K-10-159	45.00	47.00	2.00	538856	MON	POT	SIL			w				tr				Q/C	3
K-10-159	47.00	49.00	2.00	538857	MD	CHL						m		tr				Q/C	15
K-10-159	49.00	51.00	2.00	538858	MD	CHL						m		tr				Q/C	5
K-10-159	51.00	53.00	2.00	538859	MD	CHL						m		tr				Q/C	5
K-10-159	53.00	54.60	1.60	538860	MD	CHL						m		tr				Q/C	5
K-10-159	54.60	56.00	1.40	538861	QV									tr			tr	Q	100
K-10-159	56.00	57.50	1.50	538862	QV									tr			tr	Q	100
K-10-159	57.50	60.00	2.50	538863	MD	CHL						s		tr			tr	Q/C	2
K-10-159	60.00	62.00	2.00	538864	MD	CHL						s		tr				Q, Q/C	2
K-10-159	62.00	64.00	2.00	538865	MD	CHL						s		tr				Q, Q/C	2
K-10-159	64.00	66.00	2.00	538866	MD	CHL						s		tr				Q, Q/C	2
K-10-159	66.00	68.00	2.00	538867	MD	CHL	ALB				w	m		tr				Q, Q/C	2
K-10-159	68.00	70.00	2.00	538868	MD	CHL	ALB				w	m		tr				Q, Q/C	2
K-10-159	70.00	72.00	2.00	538869	MD	CHL	SIL			w				tr			tr	Q, Q/C	10
K-10-159	72.00	74.00	2.00	538871	MD	CHL	SIL					m		tr				Q, Q/C	2
K-10-159	74.00	76.00	2.00	538872	MD	CHL						s		tr				Q, Q/C	2
K-10-159	76.00	78.00	2.00	538873	MD	CHL						s		tr				Q, Q/C	2
K-10-159	78.00	80.42	2.42	538874	MD	CHL						s		tr				Q, Q/C	2
K-10-159	80.42	83.00	2.58	538875	MON	POT				m				tr				Q, Q/C	2
K-10-159	83.00	85.00	2.00	538876	MON	POT				m				tr				Q, Q/C	2
K-10-159	85.00	87.00	2.00	538877	MD	CHL								tr	tr		tr	Q, Q/C	5
K-10-159	87.00	89.38	2.38	538878	MD	CHL						s		tr				Q, Q/C	2
K-10-159	89.38	92.00	2.62	538879	MON	POT	SIL			s				tr				Q, Q/C	3
K-10-159	92.00	94.00	2.00	538880	MON	POT	SIL			s				tr	tr			Q, Q/C	3
K-10-159	94.00	96.00	2.00	538881	MON	POT	SIL			s				tr				Q, Q/C	3
K-10-159	96.00	98.00	2.00	538882	MON	POT	SIL			s				tr				Q, Q/C	3
K-10-159	98.00	100.00	2.00	538883	MON	POT	SIL			s				tr				Q, Q/C	3
K-10-159	100.00	102.00	2.00	538884	MON	POT	SIL			s				tr				Q, Q/C	3
K-10-159	102.00	104.00	2.00	538886	MON	POT	SIL			m				tr				Q, Q/C	8
K-10-159	104.00	106.00	2.00	538887	MON	POT	SIL			m				tr				Q, Q/C	5
K-10-159	106.00	108.00	2.00	538888	MON	POT	SIL			m				tr				Q, Q/C	2
K-10-159	108.00	110.00	2.00	538889	MON	POT				m				tr				Q, Q/C	2
K-10-159	110.00	112.00	2.00	538890	MON	POT				m				tr	tr			Q, Q/C	2
K-10-159	112.00	114.00	2.00	538891	MON	POT				m				tr				Q, Q/C	2

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-159	114.00	116.00	2.00	538892	MON	POT	ALB			m	m			tr				Q, Q/C	4
K-10-159	116.00	118.00	2.00	538893	MON	POT	ALB			m	m			tr				Q, Q/C	2
K-10-159	118.00	120.00	2.00	538894	MON	POT				m				tr				Q, Q/C	2
K-10-159	120.00	122.00	2.00	538895	MON	POT				m				tr				Q, Q/C	2
K-10-159	122.00	124.00	2.00	538896	MON	POT				m				tr				Q, Q/C	2
K-10-159	124.00	126.00	2.00	538897	MON	POT				m				tr				Q, Q/C	2
K-10-159	126.00	128.00	2.00	538898	MON	POT				m				tr				Q, Q/C	2
K-10-159	128.00	130.00	2.00	538899	MON	POT				m				1				Q, Q/C	2
K-10-159	130.00	132.00	2.00	538901	MON	POT				m				tr				Q, Q/C	2
K-10-159	132.00	134.10	2.10	538902	MON	POT				m				tr				Q, Q/C	2
K-10-159	134.10	136.00	1.90	538903	MON	POT				m				tr	tr			Q, Q/C	3
K-10-159	136.00	138.00	2.00	538904	MON	POT	ALB			m	w			tr	tr			Q, Q/C	10
K-10-159	138.00	140.00	2.00	538905	MON	POT				m				tr	tr			Q, Q/C	3
K-10-159	140.00	142.00	2.00	538906	MON	POT				m				tr	tr		tr	Q, Q/C	3
K-10-159	142.00	144.00	2.00	538907	MON	POT				m				tr	tr		tr	Q, Q/C	3
K-10-159	144.00	146.00	2.00	538908	MON	POT				m				tr	tr		tr	Q, Q/C	3
K-10-159	146.00	148.00	2.00	538909	MON	POT	ALB			m	w			tr	tr		tr	Q, Q/C	3
K-10-159	148.00	150.00	2.00	538910	MON	POT	ALB			m	w			tr	tr			Q, Q/C	3
K-10-159	150.00	152.00	2.00	538911	MON	POT				m				tr	tr		tr	Q, Q/C	3
K-10-159	152.00	154.00	2.00	538912	MON	ALB	POT			w	m			tr	tr		tr	Q, Q/C	20
K-10-159	154.00	156.00	2.00	538913	MON	ALB	POT			w	m			tr			tr	Q, Q/C	5
K-10-159	156.00	158.00	2.00	538914	MON	POT				m				tr				Q, Q/C	3
K-10-159	158.00	160.00	2.00	538916	MON	POT				m				tr				Q, Q/C	3
K-10-159	160.00	162.00	2.00	538917	ANDK	CHL						w		tr				Q/C	3
K-10-159	162.00	164.00	2.00	538918	MON	POT				m				tr				Q, Q/C	3
K-10-159	164.00	166.00	2.00	538919	MON	POT				m				tr			tr	Q, Q/C	3
K-10-159	166.00	168.00	2.00	538920	MON	POT	ALB			m				tr				Q, Q/C	3
K-10-159	168.00	170.00	2.00	538921	MON	POT				m				tr				Q, Q/C	3
K-10-159	170.00	172.00	2.00	538922	MON	CHL	POT			w				tr				Q, Q/C	3
K-10-159	172.00	174.00	2.00	538923	MON	POT				m				tr				Q, Q/C	3
K-10-159	174.00	176.47	2.47	538924	ANDK	CHL						w		tr				Q/C	3

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
k-10-160	45.72	47.00	1.28	Dacite Dyke? Upper ~40cm consisting of strongly sheared and weakly clay alt mozonite above, reddish brown, and fine grained dacite dyke? Trace py.
k-10-160	47.00	55.80	8.80	Monzonite. Strong k-spar alt. with moderate to strong chlorite alt. Minor silica+sericite alt of <10 cm, and minor, spotty epidote alt. Trace hematite alt. Generally 1-2% py, and trace<0.5% cpy as fine diss., flecks, and small clusters. Trace Mo associated with qtz veins, and occrruing as tiny flecks and clusters
k-10-160	55.80	57.60	1.80	Monzonite. Strong and pervasive silica+sericite+chl alt. Generally 2-3% py, and 0.5-1% cpy as fine diss., flecks and small clusters. Trace Mo associated with qtz veins, and occurring as flecks, tiny clusters, and veinlets.
k-10-160	57.60	76.70	19.10	Monzonite. Strong k-spar alt. with moderate chl alt, and minor, spotty epidote alt. Narrow zones of silica+sericite+cpy+py of up to ~40 cm. Trace hematite alt. Generally 1-3% py, tr to 2% cpy, and tr to <0.5 Mo. Cpy as fine diss., flecks, small clusters, and blebs. Mo assoicated with qtz veins, and occurring as flecks, tiny clusters and veinlets. Strongly fractred and broken sections of up to ~70 cm. Minor intrusive breccia of 10-20 cm, and rare shear zones of <10 cm.
k-10-160	76.70	79.20	2.50	Dacite Dyke? Same litho as (45.72-47.0 m).
k-10-160	79.20	84.70	5.50	Quartz Monzonite. Strong k-spar alt, and minor spotty epidote alt. Generally trace-1% py, and tr cpy as rare small clusters. Rare dacite dykes?
k-10-160	84.70	90.70	6.00	Monzonite. Strong k-spr alt. with patchy, and speckled chl alt, and minor spotty and epidote alt. Narrow zones of silica+ sericite+cpy alt of up to ~30 cm. Generally 1-2% py, and tr to <0.5% cpy as fine diss., and small clusters. Rare shear zones of <5 cm.
k-10-160	90.70	97.90	7.20	Mononite. Moderate k-spar alt. with broken, crushed, and weakly to moderately clay alt. zones of up to ~ 1 m. Minor shearing and microbreccia with milled texture of ~60 cm. Generally tr<1% py and tr cpy as fine diss., and rare clusters.
k-10-160	97.90	98.75	0.85	Andesite Dyke. Green, and fine grained. Upper contact sharp and sheared @ ~60° tca. Lower contact sharp @ ~80 tca with ~15 cm foliated cataclasite. Trace to <0.5% cpy as rare clusters up to ~1 cm.
k-10-160	98.75	112.20	13.45	Quartz Vein. Massive qtz vein with subordinate k-spar. Trace cpy as rare clusters, and veins filling fractures. Trace Mo as veinlets. Intense and pervasive hairline fracturing healed with carbonate, and minor microbreccia of <10cm.
k-10-160	112.20	114.20	2.00	Quartz Monzonite. Strong k-spar alt. with zones of silica+ser alt. up to ~40cm. Trace to <0.5%.
k-10-160	114.20	115.30	1.10	Quartz Vein. Massive qtz vien with no apparent sulphides. Fractred and broken.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
k-10-160	115.30	128.50	13.20	Quartz Monzonite. Strong to intense k-sapr alt. with weak to strong, but patchy epidote alt, and minor silica and chl alt. Porphyritic like texture with small phenos of fedspar? Generally tr-1% py, and trace cpy as fine flecks, and rare blebs.
k-10-160	128.50	132.20	3.70	Quartz Monzonite. Strong k-spar alt. with zones of strong silica+chl+py+cpy+Mo of up to ~1 m. Strong but patchy epidote alt. Generally 3-4% py, trace cpy and tr<0.5 Mo. Cpy as fine diss., clusters, and veinlets, and Mo as veinlets and flecks. Interval strongly sheared with trace to weak clay alt.
k-10-160	132.20	133.20	1.00	Quartz Monzonite. Same litho as (115.30 to 128.50 m). No apparent sulphides observed.
k-10-160	133.20	145.38	12.18	Quartz Monzonite. Strong to intense k-spar alt., with narrow zones of silica+chl+py+cpy of up to ~40 cm. Trace hematite and minor epidote alt. Generally 1-3% py and trace cpy. Microbreccias of up to ~40 cm and minor clay alt and rare gouge.
k-10-160	145.38	151.48	6.10	Tectonic Breccia. Upper ~1.4 m of strong silica+ser+py alt. and moderate clay alt. 3-5% and trace cpy as fine flecks. Broken and factured, and minor crushing of p to ~50cm.
		EOH		

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-160	45.72	47.00	1.28	536910	DACDK									tr					
K-10-160	47.00	49.00	2.00	536911	MON	POT				s		tr		0.5					
K-10-160	49.00	51.00	2.00	536912	MON	POT				s		tr		0.5				Q+C, Q	1-2
K-10-160	51.00	53.00	2.00	536913	MON	POT				s				1	tr		tr		
K-10-160	53.00	55.80	2.80	536914	MON	POT				s				1	tr			Q+C, Q	1-2
K-10-160	55.80	57.60	1.80	536915	MON	SIL	SER		m					1.5	1		tr	Q+C, Q	1-2
K-10-160	57.60	59.00	1.40	536916	MON	POT				s		tr		0.5				Q+C, Q	1-2
K-10-160	59.00	61.00	2.00	536917	MON	POT				s		tr		0.5				Q+C, Q	1-2
K-10-160	61.00	63.00	2.00	536918	MON	POT				s		tr		1.5			tr	Q, Q+C	1-2
K-10-160	63.00	65.00	2.00	536919	MON	POT				s		tr		2	tr			Q+C, Q	1-2
K-10-160	65.00	67.00	2.00	536921	MON	POT				s		tr		0.5	tr		0.5	Q+C, Q	1-2
K-10-160	67.00	69.00	2.00	536922	MON	POT				s		tr		1	0.5			Q+C, Q	1-2
K-10-160	69.00		2.00	536923	MON	POT				s		tr		1	2		tr	Q+C, Q	1-2
K-10-160	71.00	73.00	2.00	536924	MON	POT				s		tr		0.5	tr			Q+C, Q	1-2
K-10-160	73.00	75.00	2.00	536925	MON	POT				s		tr		1	2		tr	Q+C, Q	3-4
K-10-160	75.00	76.70	1.70	536926	MON	POT				s		tr		0.5	tr		tr	Q+C, Q	2-3
K-10-160	76.70	78.00	1.30	536927	DACDK									tr				Q+C	1-2
K-10-160	78.00	79.20	1.20	536928	DACDK									tr				Q+C	1-2
K-10-160	79.20	81.00	1.80	536929	MON	POT				s		tr		0.5				Q, Q+C	1-2
K-10-160	81.00	83.00	2.00	536930	MON	POT				s		tr		0.5	tr			Q, Q+C	1-2
K-10-160	83.00	84.70	1.70	536931	MON	POT				s		tr		1	tr			Q+C, Q	1-2
K-10-160	84.70	86.00	1.30	536932	MON	POT				s		tr		1	0.5			Q+C, Q	1-2
K-10-160	86.00	88.00	2.00	536933	MON	POT				s		tr		1	tr			Q+C, Q	1-2
K-10-160	88.00	90.70	2.00	536934	MON	POT				s		tr		1	tr			Q+C, Q	1-2
K-10-160	90.70	93.00	2.30	536936	MON	POT	ARG			s		tr		tr	tr			Q+C, Q	1-2
K-10-160	93.00	95.00	2.00	536937	MON	POT				s				tr				Q+C, Q	1-2
K-10-160	95.00	97.90	2.90	536938	MON	POT				s				1	0.5		tr	Q+C, Q	1-2
K-10-160	97.90	98.75	0.85	536939	ANDK									tr	tr				
K-10-160	98.75	101.00	2.25	536940	QV									tr	tr			tr	
K-10-160	101.00	103.00	2.00	536941	QV									tr	tr			tr	
K-10-160	103.00	105.00	2.00	536942	QV													tr	
K-10-160	105.00	107.00	2.00	536943	QV														
K-10-160	107.00	109.00	2.00	536944	QV							tr		tr	tr				
K-10-160	109.00	111.00	2.00	536945	QV														
K-10-160	111.00	112.20	1.20	536946	QV									tr					
K-10-160	112.20	114.20	2.00	536947	QMON	POT				s				0.5				Q+C, Q	2-3
K-10-160	114.20	115.30	1.10	536948	QV												tr	Q+C, Q	1-2
K-10-160	115.30	117.00	1.70	536949	QMON	POT				s		tr		tr				Q+C, Q	1-2
K-10-160	117.00	119.00	2.00	536951	QMON	POT				s		tr		tr				Q+C, Q	1-2
K-10-160	119.00	121.00	2.00	536952	QMON	POT				s		tr		tr	tr		tr	Q+C, Q	1-2
K-10-160	121.00	123.00	2.00	536953	QMON	POT				s		tr		0.5				Q+C, Q	1-2
K-10-160	123.00	125.00	2.00	536954	QMON	POT				s		tr		tr				Q+C, Q	1-2
K-10-160	125.00	127.00	2.00	536955	QMON	POT				s		tr		1			tr	Q+C, Q	1-2
K-10-160	127.00	128.50	1.50	536956	QMON	POT				s		tr		tr				Q+C, Q	1-2
K-10-160	128.50	130.00	1.50	536957	QMON	SIL	POT					tr		1			0.3	Q+C, Q	1-2
K-10-160	130.00	132.20	2.20	536958	QMON	SIL	POT					tr		4	0.5		1.3	Q+C, Q	1-2
K-10-160	132.20	133.20	1.00	536959	QMON	POT				s		tr		1	tr		tr	Q+C, Q	1-2

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-160	133.20	135.00	1.80	536960	QMON	POT				s		tr		1	tr		tr	Q+C, Q	1-2
K-10-160	135.00	137.00	2.00	536961	QMON	POT				s		tr		tr				Q+C, Q	1-2
K-10-160	137.00	139.00	2.00	536962	QMON	POT				s		tr		2	tr			Q+C, Q	1-2
K-10-160	139.00	141.00	2.00	536963	QMON	POT				s		tr		tr				Q,Q+C	1-2
K-10-160	141.00	143.00	2.00	536964	QMON	POT				s		tr		tr				Q,Q+C	1-2
K-10-160	143.00	145.38	2.38	536966	QMON	POT				s		tr		tr				Q,Q+C	1-2
K-10-160	145.38	147.00	1.62	536967	TBRX	SIL	SER					tr		5	tr				
K-10-160	147.00	149.00	2.00	536968	TBRX							tr		tr					
K-10-160	149.00	151.48	2.48	536969	TBRX							tr							

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-161	43.00	47.56	4.56	Diorite. Pervasively and strongly chlorite altered with w-m patchy epidote. Moderately fracture controlled hematite. 1% Q/C veining.
K-10-161	47.56	49.54	1.98	Monzonite. Strong texture destructive and pervasive K-spar alteration. Areas of light green clay pervasive clay alteration. 2% Q veins.
K-10-161	49.54	54.45	4.91	Fault zone with green clay alteration and rounded monzonite (above unit) clasts.
K-10-161	54.45	59.60	5.15	Broken zone similar to above. Likely the fringe zone of the fault. Lithology is the same as above MON unit and there is moderate fracture controlled HEM alteration.
K-10-161	59.60	65.53	5.93	Monzonite. Strong texture destructive and pervasive K-spar alteration. Areas of light green clay pervasive clay alteration. 2% Q veins. Trace moly found in grey Q veins.
K-10-161	65.53	75.82	10.29	Monzonite. Moderately pervasive CHL alteration overprinting strongly pervasive K-spar alteration. Weak and patchy epidote alteration. Trace Mo found in grey Qtz veins and along some fractures. Trace CPY as fine disseminations and associated with magnetite. Trace PY as fine disseminations. 2% Q veins.
K-10-161	75.82	80.54	4.72	Diorite. Pervasively and strongly chlorite altered with w-m patchy epidote. Moderately fracture controlled hematite. 1% Q/C veining.
K-10-161	80.54	146.37	65.83	Monzonite. Moderately pervasive CHL alteration overprinting strongly pervasive K-spar alteration. Trace Mo found in grey Qtz veins and along some fractures. Tr-1% CPY as fine disseminations. CPY is also forms sulfide veins with PY. Tr-1% PY as fine disseminations. 2% Q veins. Main zone of mineralization so far in DDH. Patchy HEM alt along fractures and within small broken zones (20cm)
K-10-161	148.37	176.47	28.10	Monzonite. Strongly K-spar altered with secondary (moderate) patchy CHL alteration. Tr PY and CPY as fine disseminations (very scarce!). 1% Q veins. Most of interval is broken with short (30cm) competent sections. Possibly nearing West fault at depth (maybe west fault is shallowing at depth.)
	EOH			

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-161	43.00	45.00	2.00	538926	DIO	CHL												Q/C	1
K-10-161	45.00	47.56	2.56	538927	DIO	CHL												Q/C	1
K-10-161	47.56	49.54	1.98	538928	MON	POT	CLAY											Q	2
K-10-161	49.54	52.00	2.46	538929	FTZ	CLAY													
K-10-161	52.00	54.45	2.45	538930	FTZ	CLAY													
K-10-161	54.45	56.00	1.55	538931	FTZ							tr							
K-10-161	56.00	58.00	2.00	538932	FTZ							tr							
K-10-161	58.00	59.60	1.60	538933	FTZ							tr							
K-10-161	59.60	62.00	2.40	538934	MON	POT	CLAY			m						tr	Q	2	
K-10-161	62.00	64.00	2.00	538935	MON	POT	CLAY			m							tr	Q	2
K-10-161	64.00	65.53	1.53	538936	MON	POT	CLAY			m							tr	Q	2
K-10-161	65.53	68.00	2.47	538937	MON	POT				m				tr				Q	2
K-10-161	68.00	70.00	2.00	538938	MON	POT				m				tr				Q	2
K-10-161	70.00	72.00	2.00	538939	MON	POT				m				tr				Q	2
K-10-161	72.00	74.00	2.00	538941	MON	POT				m				tr				Q	2
K-10-161	74.00	75.82	1.82	538942	MON	POT				m				tr	tr			Q	2
K-10-161	75.82	78.00	2.18	538943	DIO	CHL						tr		tr	tr			Q/C	1
K-10-161	78.00	80.54	2.54	538944	DIO	CHL						tr		tr	tr			Q/C	1
K-10-161	80.54	82.00	1.46	538945	MON	POT	CL			s				tr	tr			Q	2
K-10-161	82.00	84.00	2.00	538946	MON	POT	CL			s				tr	tr			Q	2
K-10-161	84.00	86.00	2.00	538947	MON	POT	CL			s				tr	tr		tr	Q	2
K-10-161	86.00	88.00	2.00	538948	MON	POT	CL			s				tr	tr		tr	Q	2
K-10-161	88.00	90.00	2.00	538949	MON	POT	CL			s				tr	2.0			Q	2
K-10-161	90.00	92.00	2.00	538950	MON	POT	CL			s				tr	tr		tr	Q	2
K-10-161	92.00	94.00	2.00	538951	MON	POT	CL			s				tr	1.0		tr	Q	2
K-10-161	94.00	96.00	2.00	538952	MON	POT	CL			s				tr	1.0		tr	Q	2
K-10-161	96.00	98.00	2.00	538953	MON	POT	CL			s				tr	tr		tr	Q	2
K-10-161	98.00	100.00	2.00	538954	MON	POT	CL			s			tr	tr	tr			Q	2
K-10-161	100.00	102.00	2.00	538956	MON	POT	CL			s			tr	tr	tr			Q	2
K-10-161	102.00	104.00	2.00	538957	MON	POT	CL			s				tr	tr		tr	Q	2
K-10-161	104.00	106.00	2.00	538958	MON	POT	CL			s				tr	tr			Q	2
K-10-161	106.00	108.00	2.00	538959	MON	POT	CL			s				tr	tr			Q	2
K-10-161	108.00	110.00	2.00	538960	MON	POT	CL			s				tr	tr			Q	2
K-10-161	110.00	112.00	2.00	538961	MON	POT	CL			s				tr	tr			Q	2
K-10-161	112.00	114.00	2.00	538962	MON	POT	CL			s				tr	tr			Q	2
K-10-161	114.00	116.00	2.00	538963	MON	POT	CL			s				tr	tr			Q	2
K-10-161	116.00	118.00	2.00	538964	MON	POT	CL			s				tr	tr			Q	2
K-10-161	118.00	120.00	2.00	538965	MON	POT	CL			s				tr	tr			Q	2
K-10-161	122.00	124.00	2.00	538967	MON	POT	CL			s				tr	tr			Q	2
K-10-161	124.00	126.00	2.00	538968	MON	POT	CL			s				tr				Q	2
K-10-161	126.00	128.00	2.00	538969	MON	POT	CL			s				tr				Q	2
K-10-161	128.00	130.00	2.00	538971	MON	POT	CL			s		tr		tr				Q	2
K-10-161	130.00	132.00	2.00	538972	MON	POT	CL			s		tr		tr	tr			Q	2
K-10-161	132.00	134.00	2.00	538973	MON	POT	CL			s		tr		tr				Q	2
K-10-161	134.00	136.00	2.00	538974	MON	POT	CL			s		tr		tr				Q	2
K-10-161	136.00	138.00	2.00	538975	MON	POT	CL			s		tr		tr				Q	2
K-10-161	138.00	140.00	2.00	538976	MON	POT	CL			s		tr		tr				Q	2
K-10-161	140.00	142.00	2.00	538977	MON	POT	CL			s		tr		tr				Q	2

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-161	142.00	144.00	2.00	538978	MON	POT	CL			s		tr		tr				Q	2
K-10-161	144.00	146.37	2.37	538979	MON	POT	CL			s		tr		tr				Q	2
K-10-161	146.37	148.37	2.00	538980	MON	POT	CL			s		tr		tr	tr			Q	2
K-10-161	148.37	150.00	1.63	538981	MON	POT	CL			s		tr		tr				Q	2
K-10-161	150.00	152.00	2.00	538982	MON	POT	CL			s		tr		tr	tr			Q	2
K-10-161	152.00	154.00	2.00	538983	MON	POT	CL			s		tr		tr				Q	2
K-10-161	154.00	156.00	2.00	538984	MON	POT	CL			s		tr		tr	tr			Q	2
K-10-161	156.00	158.00	2.00	538986	MON	POT	CL			s		tr		tr	tr			Q	2
K-10-161	158.00	160.00	2.00	538987	MON	POT	CL			s		tr		tr	tr			Q	2
K-10-161	160.00	162.00	2.00	538988	MON	POT	CL			s		tr		tr				Q	2
K-10-161	162.00	164.00	2.00	538989	MON	POT	CL			s		tr		tr				Q	2
K-10-161	164.00	166.00	2.00	538990	MON	POT	CL			s		tr		tr				Q	2
K-10-161	166.00	168.00	2.00	538991	MON	POT	CL			s		tr		tr				Q	2
K-10-161	168.00	170.00	2.00	538992	MON	POT	CL			s		tr		tr				Q	2
K-10-161	170.00	172.00	2.00	538993	MON	POT	CL			s		tr		tr				Q	2
K-10-161	172.00	174.00	2.00	538994	MON	POT	CL			s		tr		tr				Q	2
K-10-161	174.00	176.47	2.47	538995	MON	POT	CL			s		tr		tr				Q	2

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-162	0.00	24.90	24.90	OVB
K-10-162	24.90	34.30	9.40	Monzonite. Upper 1.1 m of strong k-spar alt. above, strong sericite alt. and narrow zones of trace to weak clay alt of ~20 cm. Trace py. Interval moderately fractured with short <30 cm zones of broken and rubbly core.
K-10-162	34.30	36.30	2.00	Andesite Dyke. Green, and fine grained. Strongly crushed and broken. Weak to moderate clay alt. No apparent sulphides.
K-10-162	36.30	37.00	0.70	Monzonite. Strong k-spar alt, and silica flooding. Trace to 0.5 py and tr cpy and Mo. ~5 quartz+calcite veins. Note: not sampled separately.
K-10-162	37.00	37.60	0.60	Andesite Dyke. Same as (34.3 to 36.30 m). Note: not sampled separately.
K-10-162	37.60	117.35	79.75	Monzonite. Strong k-spar alt, with up to ~3 m sections of strong silica flooding, and weak to strong sericite alt. Trace to moderate hematite alt, commonly along fractures. Generally trace to 2% py, and trace cpy<0.5 as fine flecks. Trace Mo as veinlets and observed on fractures. Rare <15 cm zones of sericite+chl alt with 5-7% py. Interval moderately to strongly broken, with rubbly zones of up to ~1.5 m, with tr clay alt. Rare wkly to mod. clay alt. andesite dykes. Minor microdiorite dykes.
K-10-162	117.35	128.60	11.25	Monzonite. Strong k-spar alt. with weak to moderately pervasive chlorite alt and minor epidote alt. Generally tr to 1% py and rare Mo observed in qtz vein @ 111.5 m, as blebs, clusters, and veinlets.
K-10-162	128.60	131.45	2.85	Diorite?. Green and brown in colour with phenos of feldspar. Strong pervasive chl alt. tr to 2% py and tr<0.5% cpy as fine diss. Trace magnetite. Mixed with monzonte?
K-10-162	131.45	167.00	35.55	Monzonite. Same as (128.60 to 131.45 m).
K-10-162	167.00	206.35	39.35	Monzonite. Similar to (128.60 to 131.45 m), but with tr cpy as fine diss., flecks and small clusters, tr magnetite as clusters and viens, and tr Mo. Minor silica flooding of up to ~15 cm and intrusive breccia up to ~30 cm
K-10-162	206.35	212.95	6.60	Monzonite. ~2.6 m of intense k-spar alt. above, strong to intense silica+sericite alt., containing 2-3% py and 3-5% cpy as large cloths, clusters and veins
K-10-162	212.95	219.60	6.65	Monzonite. Strong k-spar alt. with weak patchy chl and hematite alt., containing 1-2% py and trace to 0.5% cpy as fine diss., and rare clusters.
K-10-162	219.60	222.90	3.30	Monzonite. Strong k-spar alt. with up to ~1 m zones of strong sericite alt.; locally foliated, S ₁ @ ~35-45° tca, and trace to weak clay and hematite alt. 1-2% py and 2-3% cpy as fine diss., clusters, and veins (together with secondary bio.). Trace Mo associated with minor qtz veins.
K-10-162	222.90	248.10	25.20	Monzonite. Strong k-spar alt with trace to weak sericite. Trace hematite alt. Generally trace to 1% py and tr cpy as fine diss., and flecks associated with sec bio? locally up to ~2% as clusters associated with rare ~50 cm qtz vein @ 235.8 m, and tr Mo.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-162	248.10	269.70	21.60	Monzonite. Strong k-spar alt. with trace to weak hematite alt., locally strong, and tr chlorite alt. Generally tr to 1% py, and 0.5-1% cpy as clusters, flecks, and veins, commonly observed along fractures. Trace Mo. Rare ~20 cm qtz vein @ 255.5 m with 2-3% cpy.
K-10-162	269.70	281.80	12.10	Monzonite. Weak to moderate sericite alt, and weak chlorite alt. Generally trace-1% py, and tr cpy. Zones of intense shearing of up to ~80 cm, with weak clay alt., and locally foliated S ₁ ~25-35° tca.
K-10-162	281.80	288.25	6.45	Monzonite. Strong k-spar alt, with tr<1% py and tr cpy and magnetite.
K-10-162	288.25	289.00	0.75	Clay alt. Microdiorite? Light green in colour with phenos of feldspar, containing ~1% py. Lower ~30 cm fractured and broken with minor clay alt.. Upper contact sharp @ ~75° tca, and lower contact broken on clay slip @ ~55° tca.
K-10-162	289.00	290.50	1.50	Monzonite. Strong k-sapr alt., with ~1% py.
K-10-162	290.50	291.85	1.35	Microdiorite. Green in colour with tr<1% py. Minor clay alt. Upper contact gradational, and lower contact sharp on clay slip @ ~65° tca.
K-10-162	291.85	292.60	0.75	Monzonite. Moderate sericite alt., with trace py.
K-10-162	292.60	294.55	1.95	Microdiorite. Same as (290.5 to 291.85 m). Upper contact gradational, and lower contact Sharp on clay slip @ ~80° tca
K-10-162	294.55	296.40	1.85	Monzonite. Trace to weak sericite alt., with tr to 1% py. From 294.85 to 295.7 m, Intensely sheared; locally foliated S ₁ @ ~60° tca, with moderate to strong clay alt. Trace py. 2-3% banded calcite+qtz veins.
K-10-162	296.40	314.10	17.70	Monzonite. Strong k-spar alt. with weak to mod., and patchy chlorite and epidote alt. Minor bands of microdiorite of up to ~30 cm. Generally trace to 1% py, tr cpy and rare Mo.
K-10-162	314.10	316.80	2.70	Microdiorite. Similar to (290.5 to 291.85 m), with minor clacite veins. Upper and lower contacts gradational.
K-10-162	316.80	323.10	6.30	Monzonite. Strong k-spar alt with weak patchy chl and epidote alt, containing trace to 1% py, and tr cpy as flecks. Rare Dacite dykes? from 320.5 to 321.0 and 322.3 to 322.6 m. Minor bands of microdiorite.
K-10-162	323.10	331.31	8.21	Diorite. Green, pink white speckled, with trace to 1% py.
	EOH			

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-162	24.90	26.00	1.10	536970	MON	POT				s				tr				Q, Q+C	2
K-10-162	26.00	28.00	2.00	536971	MON	POT				s				tr				Q, Q+C	2
K-10-162	28.00	30.00	2.00	536972	MON	SER	POT		s	w				tr				Q, Q+C	2
K-10-162	30.00	32.00	2.00	536973	MON	SER	POT		s	w								Q, Q+C	2
K-10-162	32.00	34.30	2.30	536974	MON	SER			s					tr				Q, Q+C	2
K-10-162	34.30	36.30	2.00	536975	ANDK	ARG												Q+C	2
K-10-162	36.30	38.00	1.70	536976	MON	POT				s				tr	0.5			Q+C, Q	4
K-10-162	38.00	40.00	2.00	536977	MON	SER	POT		s	w				tr				Q, Q+C	2
K-10-162	40.00	42.00	2.00	536978	MON	SER	POT		s			tr		tr				Q, Q+C	2
K-10-162	42.00	44.00	2.00	536979	MON	SER	POT		s	m				tr				Q, Q+C	2
K-10-162	44.00	46.00	2.00	536981	MON	POT	SER		w	s				1	tr		tr	Q, Q+C	2
K-10-162	46.00	48.00	2.00	536982	MON	POT	SER		m	m				tr				Q, Q+C	2
K-10-162	48.00	50.00	2.00	536983	MON	SER	POT		s	m				tr				Q, Q+C	2
K-10-162	50.00	52.00	2.00	536984	MON	SER	POT		s	w				tr			tr	Q, Q+C	3
K-10-162	52.00	54.00	2.00	536985	MON	POT	SER		m	m				tr				Q, Q+C	2
K-10-162	54.00	56.00	2.00	536986	MON	POT	SER		s	w				tr				Q, Q+C	2
K-10-162	56.00	58.00	2.00	536987	MON	POT	SER		s	w				0.5				Q, Q+C	2
K-10-162	58.00	60.00	2.00	536988	MON	POT	SER		s	w				tr			tr	Q, Q+C	2
K-10-162	60.00	62.00	2.00	536989	MON	POT	SER		w	m				tr				Q, Q+C	2
K-10-162	62.00	64.00	2.00	536990	MON	POT	SER		w	m				tr				Q, Q+C	2
K-10-162	64.00	66.00	2.00	536991	MON	POT	SER		tr	s				1	tr			Q, Q+C	2
K-10-162	66.00	68.00	2.00	536992	MON	POT				s				0.5	tr			Q, Q+C	2
K-10-162	68.00	70.00	2.00	536993	MON	POT				s				tr				Q, Q+C	2
K-10-162	70.00	72.00	2.00	536994	MON	POT				s				tr	tr			Q, Q+C	2
K-10-162	72.00	74.00	2.00	536996	MON	POT				s		tr		tr				Q, Q+C	2
K-10-162	74.00	76.00	2.00	536997	MON	POT	SER		tr	s		tr		tr				Q, Q+C	2
K-10-162	76.00	78.00	2.00	536998	MON	POT	SER		tr	s		tr		0.5				Q, Q+C	2
K-10-162	78.00	80.00	2.00	536999	MON	POT	SER		tr	s		tr		tr				Q, Q+C	2
K-10-162	80.00	82.00	2.00	537000	MON	POT	SER		tr	s		tr		tr				Q, Q+C	3
K-10-162	82.00	84.00	2.00	537001	MON	POT				s		tr		1				Q, Q+C	3
K-10-162	84.00	86.00	2.00	537002	MON	POT				s		tr		1				Q, Q+C	3
K-10-162	86.00	88.00	2.00	537003	MON	POT				s		tr		tr				Q, Q+C	3
K-10-162	88.00	90.00	2.00	537004	MON	POT				s		tr		tr				Q, Q+C	2
K-10-162	90.00	92.00	2.00	537005	MON	POT				s		tr		tr				Q, Q+C	3
K-10-162	92.00	94.00	2.00	537006	MON	POT				s		tr		3				Q, Q+C	2
K-10-162	94.00	96.00	2.00	537007	MON	POT				s		tr		3				Q, Q+C	2
K-10-162	96.00	98.00	2.00	537008	MON	POT				s		tr		2				Q, Q+C	2
K-10-162	98.00	100.00	2.00	537009	MON	POT				s		tr		tr				Q, Q+C	2
K-10-162	100.00	102.00	2.00	537011	MON	POT				s		tr		tr				Q, Q+C	2
K-10-162	102.00	104.00	2.00	537012	MON	POT				s				tr				Q, Q+C	2
K-10-162	104.00	106.00	2.00	537013	MON	POT				s				tr				Q, Q+C	2
K-10-162	106.00	108.00	2.00	537014	MON	POT				s				tr				Q, Q+C	1
K-10-162	108.00	110.00	2.00	537015	MON	POT	SER		tr	s				tr				Q, Q+C	1
K-10-162	110.00	112.00	2.00	537016	MON	POT	SER		w	s				tr			tr	Q+C, Q	4
K-10-162	112.00	114.00	2.00	537017	MON	POT	SER		w	s		tr		tr				Q+C, Q	4
K-10-162	114.00	116.00	2.00	537018	MON	POT	SER		tr	s		tr						Q+C, Q	4
K-10-162	116.00	117.35	1.35	537019	MON	POT	CL			s		tr		tr				Q+C, Q	4

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-162	117.35	119.00	1.65	537020	MON	POT	CL			s		tr		tr				Q+C, Q	3
K-10-162	119.00	121.00	2.00	537021	MON	POT	CL			s		tr		tr				Q+C, Q	3
K-10-162	121.00	123.00	2.00	537022	MON	POT	CL			s		tr		tr				Q+C, Q	2
K-10-162	123.00	125.00	2.00	537023	MON	POT	CL			s		tr		tr				Q+C, Q	2
K-10-162	125.00	127.00	2.00	537024	MON	POT	CL			s		tr		tr				Q+C, Q	2
K-10-162	127.00	128.60	1.60	537026	MON	POT	CL			s		tr		tr				Q+C, Q	2
K-10-162	128.60	130.00	1.40	537027	DIO	CL				s		tr		tr				C, Q	2
K-10-162	130.00	131.45	1.45	537028	DIO	CL				s		tr		tr	0.25			C, Q	2
K-10-162	131.45	133.00	1.55	537029	MON	POT	CL			s		tr	tr	tr				Q, Q+C	1
K-10-162	133.00	135.00	2.00	537030	MON	POT	CL			s		tr		0.5				Q, Q+C	1
K-10-162	135.00	137.00	2.00	537031	MON	POT	CL			s		tr		tr				Q, Q+C	1
K-10-162	137.00	139.00	2.00	537032	MON	POT	CL			s		tr		tr				Q, Q+C	1
K-10-162	139.00	141.00	2.00	537033	MON	POT	CL			s		tr		tr				Q, Q+C	1
K-10-162	141.00	143.00	2.00	537034	MON	POT	CL			s		tr		tr				Q, Q+C	1
K-10-162	143.00	145.00	2.00	537035	MON	POT	CL			s		tr		tr				Q, Q+C	1
K-10-162	145.00	147.00	2.00	537036	MON	POT	CL			s		tr		0.5				Q, Q+C	1
K-10-162	147.00	149.00	2.00	537037	MON	POT	CL			s		tr		1				Q+C,Q	1
K-10-162	149.00	151.00	2.00	537038	MON	POT	CL			s		tr		tr				Q+C,Q	1
K-10-162	151.00	153.00	2.00	537039	MON	POT	CL			s		tr		1				Q+C,Q	1
K-10-162	153.00	155.00	2.00	537041	MON	POT	CL			s		tr		0.5			tr	Q+C,Q	1
K-10-162	155.00	157.00	2.00	537042	MON	POT	CL			s		tr		tr				Q+C,Q	1
K-10-162	157.00	159.00	2.00	537043	MON	POT	CL			s		tr		1				Q+C,Q	2
K-10-162	159.00	161.00	2.00	537044	MON	POT	CL			s		tr		tr				Q+C,Q	1
K-10-162	161.00	163.00	2.00	537045	MON	POT	CL			s		tr		tr				Q+C,Q	1
K-10-162	163.00	165.00	2.00	537046	MON	POT	CL			s		tr		tr				Q+C,Q	1
K-10-162	165.00	167.00	2.00	537047	MON	POT	CL			s		tr		tr				Q+C,Q	1
K-10-162	167.00	169.00	2.00	537048	MON	POT	CL			s		tr		tr				Q+C,Q	1
K-10-162	169.00	171.00	2.00	537049	MON	POT	CL			s		tr		tr	tr			Q+C,Q	3
K-10-162	171.00	173.00	2.00	537050	MON	POT	CL			s		tr		tr				Q+C,Q	3
K-10-162	173.00	175.00	2.00	537051	MON	POT	CL			s		tr		0.5				Q+C,Q	2
K-10-162	175.00	177.00	2.00	537052	MON	POT	CL			s		tr		1				Q+C,Q	1
K-10-162	177.00	179.00	2.00	537053	MON	POT	CL			s		tr		0.5	tr			Q+C,Q	1
K-10-162	179.00	181.00	2.00	537054	MON	POT	CL			s		tr		tr				Q, Q+C	1
K-10-162	181.00	183.00	2.00	537056	MON	POT	CL			s		tr		tr	tr			Q, Q+C	1
K-10-162	183.00	185.00	2.00	537057	MON	POT	CL			s		tr		tr				Q, Q+C	1
K-10-162	185.00	187.00	2.00	537058	MON	POT	CL			s		tr		tr	0.25			Q, Q+C	1
K-10-162	187.00	189.00	2.00	537059	MON	POT	CL			s		tr		1	tr			Q, Q+C	1
K-10-162	189.00	191.00	2.00	537060	MON	POT	CL			s		tr		tr	tr			Q, Q+C	1
K-10-162	191.00	193.00	2.00	537061	MON	POT	CL			s		tr	tr	tr	tr			Q, Q+C	1
K-10-162	193.00	195.00	2.00	537062	MON	POT	CL			s		tr		tr			tr	Q, Q+C	1
K-10-162	195.00	197.00	2.00	537063	MON	POT	CL			s		tr	tr	tr				Q, Q+C	1
K-10-162	197.00	199.00	2.00	537064	MON	POT	CL			s		tr		tr				Q, Q+C	1
K-10-162	199.00	201.00	2.00	537065	MON	POT	CL			s		tr		1	tr			Q, Q+C	1
K-10-162	201.00	203.00	2.00	537066	MON	POT	CL			s		tr		0.5	tr			Q, Q+C	1
K-10-162	203.00	205.00	2.00	537067	MON	POT	CL			s		tr		1				Q, Q+C	2
K-10-162	205.00	206.35	1.35	537068	MON	POT	CL			s		tr		0.5				Q+C,Q	2
K-10-162	206.35	208.00	1.65	537069	MON	POT				ln				tr	1			Q+C,Q	2
K-10-162	208.00	210.00	2.00	537071	MON	POT				ln				1	4			Q+C,Q	2

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-162	210.00	212.00	2.00	537072	MON	POT	SIL		m					2	5			Q, Q,+C	2
K-10-162	212.00	212.95	0.95	537073	MON	POT	SIL		m			tr		tr	0.25			Q, Q,+C	1
K-10-162	212.95	215.00	2.05	537074	MON	POT				s		tr		tr	1			Q+CL, Q	2
K-10-162	215.00	217.00	2.00	537075	MON	POT				s		tr		tr	tr			Q+CL, Q	2
K-10-162	217.00	219.60	2.60	537076	MON	POT				s		tr		tr	0.25			Q+CL, Q	2
K-10-162	219.60	221.00	1.40	537077	MON	POT	SER		s	s		tr		1	3			Q+CL, Q	2
K-10-162	221.00	222.90	1.90	537078	MON	POT	SER		s	s		tr		0.5	2.0		tr	Q, Q+C	2
K-10-162	222.90	225.00	2.10	537079	MON	POT	SER		w	s		tr		tr	tr			Q, Q+C	1
K-10-162	225.00	227.00	2.00	537080	MON	POT				s		tr		1				Q, Q+C	1
K-10-162	227.00	229.00	2.00	537081	MON	POT				s		tr		tr	0.25			Q, Q+C	1
K-10-162	229.00	231.00	2.00	537082	MON	POT	SER		w	s		tr		tr	tr			Q, Q+C	1
K-10-162	231.00	233.00	2.00	537083	MON	POT	SER		w	s		tr		tr	tr			Q, Q+C	1
K-10-162	233.00	235.00	2.00	537084	MON	POT	SER		w	s		tr		0.5				Q, Q+C	1
K-10-162	235.00	237.00	2.00	537086	MON	POT	SER		w	s		tr		0.5	0.5		tr	Q, Q+C	2
K-10-162	237.00	239.00	2.00	537087	MON	POT	SER		w	s		tr		0.5				Q, Q+C	2
K-10-162	239.00	241.00	2.00	537088	MON	POT				s		tr		1	0.50			Q, Q+C	2
K-10-162	241.00	243.00	2.00	537089	MON	POT				s		tr		1				Q, Q+C	1
K-10-162	243.00	245.00	2.00	537090	MON	POT				s		tr		1				Q, Q+C	1
K-10-162	245.00	247.00	2.00	537091	MON	POT				s		tr		0.5	tr			Q, Q+C	1
K-10-162	247.00	248.10	1.10	537092	MON	POT				s		tr		tr	tr			Q+C, Q	1
K-10-162	248.10	250.00	1.90	537093	MON	POT				s		tr		tr	1.0			Q+C, Q	1
K-10-162	250.00	252.00	2.00	537094	MON	POT				s		tr		tr	0.5			Q+C, Q	1
K-10-162	252.00	254.00	2.00	537095	MON	POT				s		tr		tr	tr			Q+C, Q	1
K-10-162	254.00	256.00	2.00	537096	MON	POT				s		m		tr	0.5		tr	Q	5
K-10-162	256.00	258.00	2.00	537097	MON	POT				s		tr		0.5	0.5		tr	Q+C, Q	1
K-10-162	258.00	260.00	2.00	537098	MON	POT				s		tr		0.5	tr			Q+C, Q	1
K-10-162	260.00	262.00	2.00	537099	MON	POT				s		tr		tr	tr			Q+C, Q	1
K-10-162	262.00	264.00	2.00	537101	MON	POT				s		tr		tr	tr			Q+C, Q	1
K-10-162	264.00	266.00	2.00	537102	MON	POT				s		tr		1	0.5			Q+C, Q	1
K-10-162	266.00	268.00	2.00	537103	MON	POT				s		tr		1	0.5			Q, Q+C	3
K-10-162	268.00	269.70	1.70	537104	MON	POT				s		tr		1	1			Q, Q+C	3
K-10-162	269.70	271.00	1.30	537105	MON	POT	SER		tr	m				1	tr			Q, Q+C	3
K-10-162	271.00	273.00	2.00	537106	MON	POT	SER		tr	m				0.5	tr			Q, Q+C	3
K-10-162	273.00	275.00	2.00	537107	MON	POT	SER		w	m				0.5				Q, Q+C	3
K-10-162	275.00	277.00	2.00	537108	MON	POT	SER		w	m				tr				Q, Q+C	3
K-10-162	277.00	279.00	2.00	537109	MON	POT	SER		m	w				0.5				Q+C, Q	2
K-10-162	279.00	281.80	2.80	537110	MON	POT	SER		m	w				tr				Q+C, Q	
K-10-162	281.80	283.00	1.20	537111	MON	POT				s				tr				Q+C, Q	
K-10-162	283.00	285.00	2.00	537112	MON	POT				s				tr				Q+C, Q	
K-10-162	285.00	287.00	2.00	537113	MON	POT				s			tr	0.5	tr		tr	Q+C, Q	
K-10-162	287.00	288.25	1.25	537114	MON	POT				s				tr				Q+C, Q	
K-10-162	288.25	289.00	0.75	537116	MD	ARG								tr				C	2
K-10-162	289.00	290.50	1.50	537117	MON	SER			w	m				1				Q	2
K-10-162	290.50	291.85	1.35	537118	MD									2				C	3
K-10-162	291.85	292.60	0.75	537119	MON	SER			w	m				tr				Q	4
K-10-162	292.60	294.55	1.95	537120	MD									2				C	3
K-10-162	294.55	296.40	1.85	537121	MON	SER			tr	m				1				Q+C	2
K-10-162	296.40	298.00	1.60	537122	MON					s				tr				Q+C	3

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-162	298.00	300.00	2.00	537123	MON					s				tr	tr			Q+C	3
K-10-162	300.00	302.00	2.00	537124	MON					s				0.5				Q+C,Q	2
K-10-162	302.00	304.00	2.00	537125	MON					s		tr		1				Q+C,Q	3
K-10-162	304.00	306.00	2.00	537126	MON					s				0.5			tr	Q+C,Q	4
K-10-162	306.00	308.00	2.00	537127	MON					s				tr				Q+C,Q	5
K-10-162	308.00	310.00	2.00	537128	MON					s				tr				C, Q	3
K-10-162	310.00	312.00	2.00	537129	MON					s				1	tr			C, Q	3
K-10-162	312.00	314.10	2.10	537131	MON					s				tr				C, Q	3
K-10-162	314.10	316.80	2.70	537132	MD									tr				C	3
K-10-162	316.80	318.00	1.20	537133	MON					s				1				Q+C, Q	2
K-10-162	318.00	320.00	2.00	537134	MON					s				1				Q+C, Q	2
K-10-162	320.00	322.00	2.00	537135	MON					s				1	tr			Q+C, Q	2
K-10-162	322.00	323.10	2.00	537136	MON					s				0.5				Q+C, Q	2
K-10-162	323.10	325.00	2.00	537137	DIO									tr				Q+C, Q	2
K-10-162	325.00	327.00	2.00	537138	DIO									0.5				Q+C, Q	3
K-10-162	327.00	329.00	2.00	537139	DIO									0.5				Q+C, Q	2
K-10-162	329.00	331.31	2.31	537140	DIO									1				Q+C, Q	2

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-163	0.00	55.05	55.05	Overburden
K-10-163	55.05	70.16	15.11	Monzonite. Broken zone with weak clay alteration within most broken zones. Strong and pervasive K-spar alteration and moderate fracture controlled HEM alteration. 2% Q + Q/C veins with tr MO within grey veins. Tr Py and CPY within veins and as disseminations
K-10-163	70.16	80.81	10.65	Diorite dyke. Strong pervasive CHL alteration. 2% Q/C veins. Weak HEM along fractures and weak patchy epidote alteration. Small chunks of above unit up to 5cm are found within dyke. Tr PY.
K-10-163	80.81	86.83	6.02	Monzonite. Strong and pervasive K-spar alteration and moderate fracture controlled HEM alteration. 2% Q + Q/C veins with tr MO within grey veins. Tr Py and CPY within veins and as disseminations. Wk CHL alteration near DIO contact. Weak patchy epidote alteration as well.
K-10-163	86.83	90.52	3.69	Monzonite. Same as above but broken zone.
K-10-163	90.52	99.45	8.93	Monzonite. Same but more competent and 3% Q + Q/C veining. 1m of Dio unit within.
K-10-163	99.45	105.96	6.51	Monzonite. Same as above but broken zone.
K-10-163	105.96	110.61	4.65	Monzonite. Same but more competent and 3% Q + Q/C veining.
K-10-163	110.61	115.39	4.78	Diorite dyke. Strong pervasive CHL alteration. 2% Q/C veins. Weak HEM along fractures and weak patchy epidote alteration. Small chunks of above unit up to 5cm are found within dyke. Tr PY.
K-10-163	115.39	133.69	18.30	Monzonite. Strong and pervasive K-spar alteration and moderate fracture controlled HEM alteration. 2% Q veins with tr MO within grey veins. Tr Py within veins and as disseminations. Becoming more silicified.
K-10-163	133.69	139.97	6.28	Diorite dyke. Strong pervasive CHL alteration. 2% Q/C veins. Weak HEM along fractures and weak patchy epidote alteration. Tr PY as disseminations and as blebs around epidote crystals.
K-10-163	139.97	163.37	23.40	Mixed zone of above Monzonite and Diorite units. 65% Monzonite.
K-10-163	163.37	167.96	4.59	Diorite dyke. Strong pervasive CHL alteration. 2% Q/C veins. Weak HEM along fractures and weak patchy epidote alteration. Tr PY as disseminations and as blebs around epidote crystals.
K-10-163	167.96	185.01	17.05	Monzonite with strong and pervasive K-spar alteration and moderate and patchy CHL alteration. Moderate HEM and Clay alteration along fractures and broken zones. Many broken zones up to 15cm in width. 1% Q, Q/C veining and trace Py and trace CPY.
	EOH			

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-163	55.05	57.00	1.95	538996	MON	POT	CLAY			s		tr		tr				Q, Q/C	2
K-10-163	57.00	59.00	2.00	538997	MON	POT	CLAY			s		tr		tr				Q, Q/C	2
K-10-163	59.00	61.00	2.00	538998	MON	POT	CLAY			s		tr		tr				Q, Q/C	2
K-10-163	61.00	63.00	2.00	538999	MON	POT	CLAY			s		tr		tr				Q, Q/C	2
K-10-163	63.00	65.00	2.00	539001	MON	POT	CLAY			s		tr		tr				Q, Q/C	2
K-10-163	65.00	67.00	2.00	539002	MON	POT				s		tr		tr	tr		tr	Q, Q/C	2
K-10-163	67.00	69.00	2.00	539003	MON	POT				s		tr		tr				Q, Q/C	5
K-10-163	69.00	70.16	1.16	539004	MON	POT				s		tr		tr	tr			Q, Q/C	2
K-10-163	70.16	72.00	1.84	539005	DIO	CHL						tr		tr				Q/C	1
K-10-163	72.00	74.00	2.00	539006	DIO	CHL						tr		tr				Q/C	1
K-10-163	74.00	76.00	2.00	539007	DIO	CHL						tr		tr				Q/C	1
K-10-163	76.00	78.00	2.00	539008	DIO	CHL				m		tr		tr				Q/C	1
K-10-163	78.00	80.81	2.81	539009	DIO	CHL						tr		tr				Q/C	2
K-10-163	80.81	82.81	2.00	539010	MON	POT	CHL			s		tr		tr				Q/C	1
K-10-163	82.81	84.81	2.00	539011	MON	POT	CHL			s		tr		tr				Q/C	1
K-10-163	84.81	86.83	2.02	539012	MON	POT	CHL			s		tr		tr				Q/C	1
K-10-163	86.83	89.00	2.17	539013	MON	POT	CHL			s		tr		tr			tr	Q/C	1
K-10-163	89.00	90.52	1.52	539014	MON	POT	CHL			s		tr		tr			tr	Q/C	1
K-10-163	90.52	92.52	2.00	539016	MON	POT	CHL			s		tr		tr			tr	Q/C	1
K-10-163	92.52	94.52	2.00	539017	MON	POT	CHL			s		tr		tr			tr	Q/C	1
K-10-163	94.52	97.00	2.48	539018	MON	POT				s				tr	tr		tr	Q/C	3
K-10-163	97.00	99.45	2.45	539019	MON	POT				s				tr	tr		tr	Q/C	3
K-10-163	99.45	101.45	2.00	539020	MON	POT	CHL			s				tr			tr	Q/C	3
K-10-163	101.45	103.00	1.55	539021	MON	POT	CHL			s		tr		tr				Q/C	1
K-10-163	103.00	105.96	2.96	539022	MON	POT	CHL			s		tr		tr				Q/C	1
K-10-163	105.96	107.96	2.00	539023	MON	POT	CHL			s		tr		tr	tr			Q/C	1
K-10-163	107.96	110.61	2.65	539024	MON	POT	CHL			s		tr		tr				Q/C	1
K-10-163	110.61	113.00	2.39	539025	DIO	CHL						tr		tr				Q/C	1
K-10-163	113.00	115.39	2.39	539026	DIO	CHL						tr		tr				Q/C	1
K-10-163	115.39	117.50	2.11	539027	DIO	CHL						tr		tr				Q/C	1
K-10-163	117.50	119.00	1.50	539028	MON	POT	SIL		w	s		tr		tr	tr			Q, Q/C	1
K-10-163	119.00	121.00	2.00	539029	MON	POT	CHL		w	s		tr		tr			tr	Q, Q/C	1
K-10-163	121.00	123.00	2.00	539031	MON	POT	CHL		w	s		tr		tr				Q, Q/C	2
K-10-163	123.00	125.00	2.00	539032	MON	POT	CHL		w	s		tr		tr				Q, Q/C	2
K-10-163	125.00	127.00	2.00	539033	MON	POT	CHL		w	s				tr	tr		tr	Q, Q/C	2
K-10-163	127.00	129.00	2.00	539034	MON	POT	CHL		w	s				tr	tr		tr	Q, Q/C	2
K-10-163	129.00	131.50	2.50	539035	MON	POT	CHL		w	s				tr			tr	Q, Q/C	2
K-10-163	131.50	133.69	2.19	539036	DIO	CHL						m		tr	tr			Q/C	1
K-10-163	133.69	135.00	1.31	539037	DIO	CHL						m		tr	tr			Q/C	1
K-10-163	135.00	137.50	2.50	539038	DIO	CHL						m		tr				Q/C	1
K-10-163	137.50	139.96	2.46	539039	DIO	CHL						m		tr	tr		tr	Q/C	1
K-10-163	139.96	142.00	2.04	539040	MON	POT	CHL			s				tr	tr		tr	Q, Q/C	1
K-10-163	142.00	144.00	2.00	539041	MON	POT	CHL			s				tr				Q, Q/C	1
K-10-163	144.00	146.00	2.00	539042	MON	POT	CHL			s				tr	tr			Q, Q/C	1
K-10-163	146.00	148.00	2.00	539043	MON	POT	CHL			s				tr				Q, Q/C	1
K-10-163	148.00	150.00	2.00	539044	MON	POT	CHL			s		m		tr				Q, Q/C	1
K-10-163	150.00	152.00	2.00	539046	MON	POT	CHL			s		m		tr	tr			Q, Q/C	1

HOLE#	FROM	TO	LENGT H (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-163	152.00	154.00	2.00	539047	MON	POT	CHL			s				tr	tr			Q, Q/C	1
K-10-163	154.00	156.00	2.00	539048	MON	POT	CHL			s		m		tr	tr			Q, Q/C	1
K-10-163	156.00	158.00	2.00	539049	MON	POT	CHL			s		m		tr				Q, Q/C	1
K-10-163	158.00	160.00	2.00	539050	MON	POT	CHL			s		m		tr	tr			Q, Q/C	1
K-10-163	160.00	162.00	2.00	539051	MON	POT	CHL			s		m		tr				Q, Q/C	1
K-10-163	162.00	163.37	1.37	539052	MON	POT	CHL			s		m		tr	tr			Q, Q/C	1
K-10-163	163.37	166.00	2.63	539053	DIO	CHL						m		tr				Q/C	1
K-10-163	166.00	167.96	1.96	539054	DIO	CHL						m		tr				Q/C	1
K-10-163	167.96	170.00	2.04	539055	MON	POT	CHL			s		m		tr				Q/C	1
K-10-163	170.00	172.00	2.00	539056	MON	POT	CHL			s		m		tr				Q/C	1
K-10-163	172.00	174.00	2.00	539057	MON	POT	CHL			s		m		tr	tr			Q/C	1
K-10-163	174.00	176.00	2.00	539058	MON	POT	CHL			s		m		tr				Q/C	1
K-10-163	176.00	178.00	2.00	539059	MON	POT	CHL			s		m		tr				Q/C	1
K-10-163	178.00	180.00	2.00	539061	MON	POT	CHL			s		m		tr				Q/C	1
K-10-163	180.00	182.00	2.00	539062	MON	POT	CHL			s		m		tr				Q/C	1
K-10-163	182.00	184.00	2.00	539063	MON	POT	CHL			s		m		tr				Q/C	1
K-10-163	184.00	185.01	1.01	539064	MON	POT	CHL			s		m		tr				Q/C	1

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-164	0.00	82.43	82.43	Overburden
K-10-164	82.43	88.88	6.45	Feldspar porphyry. Medium grained with 5-10% Qtz phenocrysts. Rice grain texture with m sericite/clay alteration on feldspar phenocrysts. 1% Q/C stringers. Moderate pervasive K-spar alteration. Shreddy Biotite.
K-10-164	88.88	97.48	8.60	Monzonite Breccia. Strong pervasive K-spar alteration. Strong fracture controled HEM. 2% Q/C veins. Highly fractured with clay along fracture surfaces. Some sections have strongly pervasive clay alteration. Trace sooty pyrite along microfractures and stringers. Structure is 30 degrees to the CA. Shreddy Biotite.
K-10-164	97.48	101.42	3.94	Feldspar porphyry. Medium grained with 5-10% Qtz phenocrysts. Rice grain texture with strong sericite/clay (bleached) alteration on feldspar phenocrysts. Fine grained black sooty Py along microfractures/stringers. 1% Q/C stringers. Moderate pervasive K-spar alteration. Shreddy Biotite.
K-10-164	101.42	105.37	3.95	Broken Zone. Monzonite with intense green and red clay alteration. Tr sooty pyrite. Clays are soft enough to be scratched (shaped) by a graphite pencil. 1% Q/C veins.
K-10-164	105.37	124.35	18.98	Feldspar porphyry. Medium grained with 5-10% Qtz phenocrysts. Rice grain texture with strong sericite/clay (bleached) alteration on feldspar phenocrysts. Fine grained black sooty Py along microfractures/stringers. 1% Q/C stringers. Moderate pervasive K-spar alteration. Shreddy Biotite.
K-10-164	124.35	126.40	2.05	Fault Zone. Intense green and red clay alteration making protolith unrecognizable. 15cm section of "playdough" gouge.
K-10-164	126.40	131.78	5.38	Feldspar porphyry. Medium grained with 5-10% Qtz phenocrysts. Rice grain texture with strong sericite/clay (bleached) alteration on feldspar phenocrysts. Fine grained black sooty Py (tr) along microfractures/stringers. 1% Q/C stringers. Moderate pervasive K-spar alteration. Shreddy Biotite.
K-10-164	131.78	136.55	4.77	Feldspar porphyry. Medium grained with 5-10% Qtz phenocrysts. Rice grain texture with strong sericite/clay (bleached) alteration on feldspar phenocrysts. Fine grained black sooty Py (tr)along microfractures/stringers. 1% Q/C stringers. Moderate pervasive K-spar alteration. Strong silica flooding. Shreddy Biotite.
K-10-164	136.55	179.50	42.95	Feldspar porphyry. Medium grained with 5-10% Qtz phenocrysts. Rice grain texture with strong sericite/clay (bleached) alteration on feldspar phenocrysts. Fine grained black sooty Py (tr)along microfractures/stringers. 1% Q/C stringers. Moderate pervasive K-spar alteration. Shreddy Biotite. Trace CPY and HEM.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-164	179.50	193.16	13.66	Feldspar porphyry. Increased POT and HEM alteration. POT alteration is very strong and texture destructive. HEM is strong but occurs along fractures and in veins/stringers. Bleached plagioclase phenocrysts are difficult to see due to alteration. Small fingers (5-60cm) of magnetic andesite dykelets. 1% Q/C stringers and tr Py. At end of interval there are patches of Tr CPY and possibly CC. Niton numbers were elevated.
K-10-164	193.16	202.68	9.52	Mixed zone before West Fault. Consists of magnetic andesite dykelets, feldspar porphyry (above unit), and intensely clay and hematite altered shears (45 degrees to CA). Red and green clay alteration increases down hole towards West Fault boundary.
K-10-164	202.68	224.94	22.26	West Fault. Mylonitic fault zone with foliated clasts occurring in a fine grained, reddish-purple hematitic matrix. Green clay is also pervasive within sections. Foliations are 45 degrees to CA.
K-10-164	224.94	236.48	11.54	Tectonic breccia on edge of west fault. Unable to determine protolith due to alteration but there are recognizable k-spar clasts in a plagioclase-rich matrix. 3% pyrite as disseminations and as striated coatings on fractures. Rock has been strongly bleached and silicified (QSP).
K-10-164	236.48	246.27	9.79	Hydrothermal breccia. Similar to previous unit but more pervasive veining (3% Q/C + Py) and pyrite 4% (veins/diss/patchy). Pyrite also occurs in sooty sections and veins are semi-stockworked. Clearly this area experienced considerable hydrothermal fluid flow.
K-10-164	246.27	272.87	26.60	Tectonic breccia similar to (224.94-236.48) but less altered and brecciated. It becomes less brecciated further down hole but it is still impossible to determine a protolith due to extensive and intense alteration. Less pyrite (tr) and moderate k-spar alteration. Rock is also strongly bleached and silicified with zones of QSP alteration. Trace CPY and MO found in stringers. 1% Q/C stringers.
K-10-164	272.87	300.56	27.69	Tectonic breccia with intense (strong/pervasive) Albite + Clay alteration. Relict rice grain texture from F-spar porphyry is sometimes visible but is usually destroyed by alteration. 2% Q/C, Q veins with larger ones being oriented at 45 degrees to CA - indicating later stage fluid flow. Trace CP and 1% PY as disseminations and within fractures (sooty). Small amounts of shreddy biotite.
K-10-164	300.56	313.94	13.38	Broken Zone. Same unit as above but highly fractured and broken.
K-10-164	313.94	327.60	13.66	Feldspar porphyry. With intense (strong/pervasive) sodic (albite + Qtz + pyrite) alteration. Alteration is semi-texture destructive and porphyritic texture is still visible. Clay alteration is also pervasive but it is moderate compared to units above. Moderate K-spar alteration is visible in patches but it has mostly been overprinted by sodic alteration.
K-10-164	327.60	329.74	2.14	Tectonic breccia with a grey clay matrix and mixed in sections of strongly and pervasively k-spar and clay altered FPY.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-164	329.74	331.26	1.52	Fault Zone with strongly HEM altered mud and shears at 45 degrees to the CA.
K-10-164	331.26	339.56	8.30	Feldspar porphyry. With intense (strong/pervasive) sodic (albite + Qtz + pyrite) + CHL alteration. Alteration is semi-texture destructive and porphyritic texture is still visible. Clay alteration is also pervasive but it is moderate compared to units above. Weak and patchy HEM. 1% Q/C veining. No sulfides.
K-10-164	339.56	342.53	2.97	Fault Zone. Very strong pervasive CHL and HEM alteration. Shears are parallel to CA.
K-10-164	342.53	359.05	16.52	Feldspar porphyry. With "dogs breakfast" alteration assemblage. Strong, pervasive, and texture destructive CHL/K-spar/HEM/ALB/and CLAY alteration. No sulfides.
		EOH		

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-164	82.43	84.50	2.07	539065	FPY	POT	CLAY		m	s								Q/C	1
K-10-164	84.50	86.50	2.00	539066	FPY	POT	CLAY		m	s								Q/C	1
K-10-164	86.50	88.88	2.38	539067	FPY	POT	CLAY		m	s		tr						Q/C	1
K-10-164	88.88	91.00	2.12	539068	MONBRX	POT	CLAY			s		tr		tr				Q/C	1
K-10-164	91.00	93.00	2.00	539069	MONBRX	POT	CLAY			s		s		tr				Q/C	1
K-10-164	93.00	95.00	2.00	539070	MONBRX	POT	CLAY			s		tr		tr				Q/C	1
K-10-164	95.00	97.48	2.48	539071	MONBRX	POT	CLAY			s		tr		tr				Q/C	1
K-10-164	97.48	99.48	2.00	539072	FPY	POT	CLAY		s	s				tr				Q/C	1
K-10-164	99.48	101.42	1.94	539073	FPY	POT	CLAY		s	s				tr				Q/C	1
K-10-164	101.42	103.42	2.00	539074	MON	POT	CLAY			s		tr		tr				Q/C	1
K-10-164	103.42	105.37	1.95	539076	MON	POT	CLAY			s				1				Q/C	3
K-10-164	105.37	107.00	1.63	539077	FPY	POT	CLAY		s	s				tr				Q/C	1
K-10-164	107.00	109.00	2.00	539078	FPY	POT	CLAY		s	s				tr				Q/C	1
K-10-164	109.00	111.00	2.00	539079	FPY	POT	CLAY		s	s				tr				Q/C	1
K-10-164	111.00	113.00	2.00	539080	FPY	POT	CLAY/CHL		s	s				tr				Q/C	1
K-10-164	113.00	115.00	2.00	539081	FPY	POT	CLAY/CHL		s	s				tr				Q/C	1
K-10-164	115.00	117.00	2.00	539082	FPY	POT	CLAY/CHL		s	s				tr				Q/C	1
K-10-164	117.00	119.00	2.00	539083	FPY	POT	CLAY/CHL		s	s				tr				Q/C	1
K-10-164	119.00	121.00	2.00	539084	FPY	POT	CLAY		s	s				tr				Q/C	1
K-10-164	121.00	123.00	2.00	539085	FPY	POT	CLAY		s	s				tr				Q/C	1
K-10-164	123.00	124.35	1.35	539086	FPY	POT	CLAY		s	s				tr				Q/C	1
K-10-164	124.35	126.40	2.05	539087	FTZ	HEM	CLAY			m		s							
K-10-164	126.40	128.00	1.60	539088	FPY	POT	CLAY		s	s				tr				Q/C	1
K-10-164	128.00	130.00	2.00	539089	FPY	POT	CLAY		s	s				tr				Q/C	1
K-10-164	130.00	131.78	1.78	539091	FPY	POT	CLAY		s	s		tr		tr				Q/C	1
K-10-164	131.78	134.00	2.22	539092	FPY	POT	SIL		s	s				tr				Q/C	1
K-10-164	134.00	136.55	2.55	539093	FPY	POT	SIL		s	s				tr				Q/C	5
K-10-164	136.55	139.00	2.45	539094	FPY	POT	CLAY		s	s		tr		tr				Q/C	1
K-10-164	139.00	141.00	2.00	539095	FPY	POT	CLAY		s	s		tr		tr	tr			Q/C	1
K-10-164	141.00	143.00	2.00	539096	FPY	POT	CLAY		s	s				tr				Q/C	1
K-10-164	143.00	145.00	2.00	539097	FPY	POT	CLAY		s	s				tr				Q/C	1
K-10-164	145.00	147.00	2.00	539098	FPY	POT	CLAY		s	s				tr				Q/C	1
K-10-164	147.00	149.00	2.00	539099	FPY	POT	CLAY		s	s		tr		tr				Q/C	1
K-10-164	149.00	151.00	2.00	539100	FPY	POT	CLAY		s	s		tr		tr				Q/C	1
K-10-164	151.00	153.00	2.00	539101	FPY	POT	CLAY		s	s		tr		tr				Q/C	1
K-10-164	153.00	155.00	2.00	539102	FPY	POT	CLAY		s	s		s		tr	tr			Q/C	1
K-10-164	155.00	157.00	2.00	539103	FPY	POT	CLAY		s	s		tr		tr				Q/C	4
K-10-164	157.00	159.00	2.00	539104	FPY	POT	CLAY		s	s		tr		tr				Q/C	1
K-10-164	159.00	161.00	2.00	539106	FPY	POT	CLAY		s	s		tr		tr				Q/C	1
K-10-164	161.00	163.00	2.00	539107	FPY	POT	CLAY		s	s		tr		tr				Q/C	1
K-10-164	163.00	165.00	2.00	539108	FPY	POT	CLAY		s	s		tr		tr				Q/C	8
K-10-164	165.00	167.00	2.00	539109	FPY	POT	CLAY		s	s		tr		tr				Q/C	1
K-10-164	167.00	169.00	2.00	539110	FPY	POT	CLAY		s	s		m		tr				Q/C	1
K-10-164	169.00	171.00	2.00	539111	FPY	POT	CLAY		s	s		m		tr				Q/C	1
K-10-164	171.00	173.00	2.00	539112	FPY	POT	CLAY		s	s		s		tr				Q/C	1
K-10-164	173.00	175.00	2.00	539113	FPY	POT	CLAY		s	s		s		tr				Q/C	1
K-10-164	175.00	177.00	2.00	539114	FPY	POT	CLAY		s	s		tr		tr				Q/C	1

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-164	177.00	179.50	2.50	539115	FPY	POT	CLAY		s	s		tr		tr				Q/C	1
K-10-164	179.50	181.00	1.50	539116	FPY	POT	HEM		m	s		s		tr				Q/C	1
K-10-164	181.00	183.00	2.00	539117	FPY	POT	HEM		m	s		s		tr				Q/C	1
K-10-164	183.00	185.00	2.00	539118	FPY	POT	HEM		m	s		s		tr				Q/C	1
K-10-164	185.00	187.00	2.00	539119	FPY	POT	HEM		m	s		s		tr				Q/C	1
K-10-164	187.00	189.00	2.00	539121	FPY	POT	HEM		m	s		s		tr	tr			Q/C	3
K-10-164	189.00	191.00	2.00	539122	FPY	POT	HEM		m	s		s		tr				Q/C	1
K-10-164	191.00	193.16	2.16	539123	FPY	POT	HEM		m	s		s		tr				Q/C	3
K-10-164	193.16	195.00	1.84	539124	FPY	POT	HEM		m	s		s		tr				Q/C	1
K-10-164	195.00	197.00	2.00	539125	ANDK	CHL	HEM					s						Q/C	1
K-10-164	197.00	199.00	2.00	539126	FPY	POT	CLAY		m-s	s		m						Q/C	1
K-10-164	199.00	201.00	2.00	539127	FPY	POT	CLAY		m-s	s		m						Q/C	3
K-10-164	201.00	202.68	1.68	539128	FPY	POT	CLAY		m-s	s		s						Q/C	3
K-10-164	202.68	205.00	2.32	539129	FPY	POT	CLAY		m-s	s		s						Q/C	1
K-10-164	205.00	207.00	2.00	539130	FTZ	HEM	CLAY					s							
K-10-164	207.00	209.00	2.00	539131	FTZ	HEM	CLAY					s							
K-10-164	209.00	211.00	2.00	539132	FTZ	HEM	CLAY					s							
K-10-164	211.00	213.00	2.00	539133	FTZ	HEM	CLAY					s						Q/C	1
K-10-164	213.00	215.00	2.00	539134	FTZ	HEM	CLAY					s						Q/C	1
K-10-164	215.00	217.00	2.00	539136	FTZ	HEM	CLAY					s						Q/C	1
K-10-164	217.00	219.00	2.00	539137	FTZ	HEM	CLAY					s							
K-10-164	219.00	221.00	2.00	539138	FTZ	HEM	CLAY					s							
K-10-164	221.00	223.00	2.00	539139	FTZ	HEM	CLAY					s							
K-10-164	223.00	224.94	1.94	539140	FTZ	HEM	CLAY					s						Q/C	3
K-10-164	224.94	227.00	2.06	539141	TBRX	QSP	SIL		m	w				tr				Q/C	1
K-10-164	227.00	229.00	2.00	539142	TBRX	QSP	SIL		m	w				tr				Q/C	1
K-10-164	229.00	231.00	2.00	539143	TBRX	QSP	SIL		m	w				tr				Q/C	1
K-10-164	231.00	233.00	2.00	539144	TBRX	QSP	SIL		m	w				tr				Q/C	5
K-10-164	233.00	235.00	2.00	539145	TBRX	QSP	SIL		m	w				tr				Q/C	3
K-10-164	235.00	236.48	1.48	539146	TBRX	QSP	SIL		m	m				tr				Q/C	1
K-10-164	236.48	239.00	2.52	539147	BRX	QSP	SIL		m	m				2				Q/C	3
K-10-164	239.00	241.00	2.00	539148	BRX	QSP	SIL		m	m				5				Q/C	3
K-10-164	241.00	243.00	2.00	539149	BRX	QSP	SIL		m	m				3				Q/C	3
K-10-164	243.00	245.00	2.00	539151	BRX	QSP	SIL		m	m				5				Q/C	3
K-10-164	245.00	246.27	1.27	539152	BRX	QSP	SIL		m	m				2				Q/C	3
K-10-164	246.27	249.00	2.73	539153	TBRX	QSP	SIL		m	m				tr				Q/C	2
K-10-164	249.00	251.00	2.00	539154	TBRX	QSP	SIL		m	m				tr	tr		tr	Q/C	1
K-10-164	251.00	253.00	2.00	539155	TBRX	QSP	SIL		m	m				tr	tr		tr	Q/C	1
K-10-164	253.00	255.00	2.00	539156	TBRX	QSP	SIL		m	m				3	tr		tr	Q/C	1
K-10-164	255.00	257.00	2.00	539157	TBRX	QSP	SIL		m	m				3	tr		tr	Q/C	1
K-10-164	257.00	259.00	2.00	539158	TBRX	QSP	SIL		m	m				1	tr		tr	Q/C	1
K-10-164	259.00	261.00	2.00	539159	TBRX	QSP	SIL		m	m				1			tr	Q/C	1
K-10-164	261.00	263.00	2.00	539160	TBRX	QSP	SIL		m	m				tr			tr	Q/C	1
K-10-164	263.00	265.00	2.00	539161	TBRX	QSP	SIL		m	m				tr	tr		tr	Q/C	1
K-10-164	265.00	267.00	2.00	539162	TBRX	QSP	SIL		w	m	m			1	tr		tr	Q/C	1
K-10-164	267.00	269.00	2.00	539163	TBRX	QSP	SIL		w	m	m			5	2.0			Q/C	1
K-10-164	269.00	271.00	2.00	539164	TBRX	QSP	SIL		w	m	m			3	tr			Q/C	1
K-10-164	271.00	272.87	1.87	539166	TBRX	ALB	CLAY			w	s			1	tr			Q/C	1

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-164	272.87	275.00	2.13	539167	TBRX	ALB	CLAY				s			1				Q/C	1
K-10-164	275.00	277.00	2.00	539168	TBRX	ALB	CLAY				s			1				Q/C	1
K-10-164	277.00	279.00	2.00	539169	TBRX	ALB	CLAY				s	w		1	tr			Q/C	1
K-10-164	279.00	281.00	2.00	539170	TBRX	ALB	CLAY				s			1				Q/C	1
K-10-164	281.00	283.00	2.00	539171	TBRX	ALB	CLAY				s			2				Q/C	1
K-10-164	283.00	285.00	2.00	539172	TBRX	ALB	CLAY				s	w		2				Q/C	1
K-10-164	285.00	287.00	2.00	539173	TBRX	ALB	CLAY				s			2				Q/C	1
K-10-164	287.00	289.00	2.00	539174	TBRX	ALB	CLAY			w	s			4			tr	Q/C	1
K-10-164	289.00	291.00	2.00	539175	TBRX	ALB	CLAY			w	s	w		2				Q/C	1
K-10-164	291.00	293.00	2.00	539176	TBRX	ALB	CLAY			w	s			2	tr			Q/C	1
K-10-164	293.00	295.00	2.00	539177	TBRX	ALB	CLAY			w	s			1	tr		tr	Q/C	1
K-10-164	295.00	297.00	2.00	539178	TBRX	ALB	CLAY			w	s			1	tr		tr	Q/C	1
K-10-164	297.00	299.00	2.00	539179	TBRX	ALB	CLAY			w	s			1				Q/C	1
K-10-164	299.00	300.56	1.56	539181	TBRX	ALB	CLAY				s			1				Q/C	1
K-10-164	300.56	303.00	2.44	539182	TBRX	ALB	CLAY				s			1				Q/C	3
K-10-164	303.00	305.00	2.00	539183	TBRX	ALB	CLAY				s			1				Q/C	1
K-10-164	305.00	307.00	2.00	539184	TBRX	ALB	CLAY				s			1				Q/C	1
K-10-164	307.00	309.00	2.00	539185	TBRX	ALB	CLAY				s			1				Q/C	1
K-10-164	309.00	311.50	2.50	539186	TBRX	ALB	CLAY				s			1				Q/C	1
K-10-164	311.50	313.94	2.44	539187	TBRX	ALB	CLAY				s			1				Q/C	1
K-10-164	313.94	316.00	2.06	539188	FPY	ALB	CLAY			m	s			2				Q/C	1
K-10-164	316.00	318.00	2.00	539189	FPY	ALB	CLAY			m	s			2	tr		tr	Q/C	1
K-10-164	318.00	320.00	2.00	539190	FPY	ALB	CLAY			m	s			2				Q/C	1
K-10-164	320.00	322.00	2.00	539191	FPY	ALB	CLAY			m	s			2				Q/C	1
K-10-164	322.00	324.00	2.00	539192	FPY	ALB	CLAY			m	s			2				Q/C	1
K-10-164	324.00	326.00	2.00	539193	FPY	ALB	SIL			m	s			2				Q/C	1
K-10-164	326.00	327.60	2.00	539194	FPY	ALB	SIL			m	s			2				Q/C	1
K-10-164	327.60	329.74	2.14	539196	TBX	CLAY	POT			m								Q/C	1
K-10-164	329.74	331.26	1.52	539197	FTZ	HEM	CLAY					s							
K-10-164	331.26	333.00	1.74	539198	FPY	ALB	CHL				s			tr				Q/C	1
K-10-164	333.00	335.00	2.00	539199	FPY	ALB	CHL				s			tr				Q/C	1
K-10-164	335.00	337.00	2.00	539200	FPY	ALB	CHL				s			tr				Q/C	1
K-10-164	337.00	339.56	2.56	539201	FPY	ALB	CHL				s			tr				Q/C	1
K-10-164	339.56	342.53	2.97	539202	FTZ	HEM	CLAY				s	s							
K-10-164	342.53	344.00	1.47	539203	FPY	ALB	CHL			s	s	m						Q/C	1
K-10-164	344.00	346.00	2.00	539204	FPY	ALB	CHL			s	s	m						Q/C	1
K-10-164	346.00	348.00	2.00	539205	FPY	ALB	CHL			s	s	m						Q/C	1
K-10-164	348.00	350.00	2.00	539206	FPY	ALB	CHL			s	s	m						Q/C	1
K-10-164	350.00	352.00	2.00	539207	FPY	ALB	CHL			s	s	m						Q/C	1
K-10-164	352.00	354.00	2.00	539208	FPY	ALB	CHL			s	s	m						Q/C	1
K-10-164	354.00	356.00	2.00	539209	FPY	ALB	CHL			s	s	m						Q/C	1
K-10-164	356.00	358.00	2.00	539211	FPY	ALB	CHL			s	s	m						Q/C	1
K-10-164	358.00	359.05	1.05	539212	FPY	ALB	CHL			s	s	m						Q/C	1

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-165	0.00	21.90	21.90	Overburden
K-10-165	21.90	38.90	17.00	Monzonite. Dominantly weak to intense sericite alt. with moderate to strong k-spar alt, and trace to weak, but patchy chl and hematite alt. Minor silica flooding <15 cm Generally 1-3% and tr cpy as small clusters. Interval strongly fractured with <50 cm zones of broken and rubbly core. Last 40 cm of interval consisting of a andesite dyke.
K-10-165	38.90	56.40	17.50	Monzonite. Strong k-spat alt. with <1 m zones of weak to strong sericite alt., and weak to moderate, but patchy chl alt. Generally 1-2% py and trace cpy associated with rare qtz veins. Minor andesite dykes of <30 cm.
K-10-165	56.40	65.20	8.80	Monzonite. Similar to (21.90 to 38.90 m), with trace cpy as clusters, and associated with rare qtz vein @ 60.4 m. Minor microbreccia of ~70 cm. Moderately fractured and broken to rubbly core of up to ~80 cm.
K-10-165	65.20	72.85	7.65	Monzonite. Strong pervasive Silica+sericite+py (phyllic) alt, containing 3-4% py, and tr cpy as clusters and flecks. Trace Mo as flecks and veinlets.
K-10-165	72.85	96.30	23.45	Monzonite. Weak to strong k-spar alt. with weak to moderate sericite alt. Moderate to intense biotite veining. Generally 1-3% py. Zones of up to ~50 cm of brecciation. Minor silica+sericite+py alt of <20 cm. Minor bands of feldspar porphyry of <10 cm. ~30 cm of fault breccia @ 91.1 to 91.4 m.
K-10-165	96.30	101.40	5.10	Feldspar Porphyry Dyke? Brown in colour with moderate to strong chlorite alt. Unit consisting of phenocrysts of feldspar in fine grained matrix with trace py. ~5% qtz+calcite veins. Minor caly alt of <20 cm. Upper and lower contacts sharp @ ~45° and 55° tca, and respectively
K-10-165	101.40	104.60	3.20	Feldspar porphyry. Upper ~1.5 m similar to (72.85 to 96.3 m). Lower 1.7 m consist of dominantly feldspar porphyry mixed with monzonite. 1-3% py. Minor fault breccia of <15cm.
K-10-165	104.60	111.55	6.95	Tectonic Breccia. West fault. Upper ~3 m of consisting of tectonic breccia with angular to subangular fragment of dominantly FPY with subordinate MON above, foliated catalcalsite with strong hematitic clay. S ₁ variable @ 25-80° tca. Trace to 1% py.
K-10-165	111.55	119.00	7.45	Monzonite? Strong k-par alt. with weak to moderate, but patchy chl alt, and trace to weak hematite alt., containing tr to 0.25% chalcocite as veins and clusters. Interval mixed with bands of FSP.
K-10-165	119.00	130.15	11.15	Feldspar Porphyry. Reddish brown and white speckled, with trace to weak chl alt, containing phenos of feldspar in a fine grained matrix, and tr <1% py and hematite., but patchy chl Lower ~20 cm of interval is intensely sheared, and in contact with PQM @ ~35° tca
K-10-165	130.15	134.40	4.25	Porphyritic Quartz Monzonite. White, orange, and black speckled, containing ~10% qtz eyes, and trace py.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-165	134.40	146.10	11.70	Feldspar Porphyry. Similar to (119.0 to 130.15 m). From 136.9 to ~142.0, ~3% cpy, commonly observed along fractures as veins and clusters, and trace chalcocite as clusters, veins, and selvaging cpy?. Minor brecciation of ~50 cm. Lower ~1 m of interval weakly sheared, broken and clay alt.
K-10-165	146.10	147.10	1.00	Feldspar Porphyry? Upper contact weakly sheared @ ~25° tca, and lower contact broken @ ~60° tca. Green and white in colour with strong sericite alt and weak to mod. clay alt.
K-10-165	147.10	158.20	11.10	Porphyritic Quartz Monzonite. Same as (130.15 to 134.40 m).
K-10-165	158.20	180.90	22.70	Monzonite? Strong sericite alt and weak to moderate clay alt.. mottling weak to strong k-spar alt. Generally trace >1% py and tr cpy. From ~169.0 to 123.2 m, tectonic breccia with fragments up to ~4 cm. Upper contact indiscernible, but lower contact sharp @ ~65° tca.
K-10-165	180.90	193.90	13.00	Monzonite. Strong k-spar alt. With weak to moderate , but patchy chlorite alt and sericite alt. Minor epidote alt. Uppermost ~1.8 m of interval is weakly clay alt. Generally trace to 1% py. Upper contact sharp @ ~15° tca with minor red hematitic clay. Lower contact irregular @ ~75° tca. Mnior PQM of <25 cm.
K-10-165	193.90	210.20	16.30	Microdiorite. Uppermost ~60 cm of interval is moderately sheared and clay alt. Unit green in colour with phenos of feldspar and hornblend? Generally tr<1% py. Minor monzonite sections of up to ~70 cm. Zones of up to ~40 cm of str to int shearing a clay alt. ~5-10% qtz+calcite veins.
K-10-165	210.20	211.40	1.20	Monzonite. Strong sericite alt. Lower contact Sharp? @ ~75° tca, with intensely clay MD. Lower contact broken. Trace py.
K-10-165	211.40	221.80	10.40	Microdiorite. Same litho and minz as (193.9 to 210.2 m) Uppermost ~70 cm of interval is strongly to intensely clay alt. Lower contact Sharp @ ~10° tca with MON.
K-10-165	221.80	244.30	22.50	Monzonite. Strong k-par alt with trace to weak sericite alt. containing trace py, and tr cpy and Mo.
K-10-165	244.30	246.90	2.60	Microdiorite. Same litho and minz as (193.9 to 210.2 m). Upper contact irregular.
	EOH			

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-165	21.90	23.00	1.10	537141	MON	SER			s			w		2	tr			Q+C,Q	1
K-10-165	23.00	25.00	2.00	537142	MON	SER			s			tr		3				Q+C,Q	1
K-10-165	25.00	27.00	2.00	537143	MON	POT	SER		tr					3				Q+C,Q	1
K-10-165	27.00	29.00	2.00	537144	MON	POT			tr					1				Q+C,Q	1
K-10-165	29.00	31.00	2.00	537146	MON	SER	POT		m	w				2				Q+C,Q	1
K-10-165	31.00	33.00	2.00	537147	MON	SER	POT		s	tr				3	tr			Q+C,Q	1
K-10-165	33.00	35.00	2.00	537148	MON	SER	POT		s	tr				1				Q+C,Q	1
K-10-165	35.00	37.00	2.00	537149	MON	SER			s			tr		1				Q+C,Q	2
K-10-165	37.00	38.90	1.90	537150	MON	SER	POT		s	tr		tr		0.5				Q+C,Q	1
K-10-165	38.90	41.00	2.10	537151	MON	POT	SER		tr	s		tr		1	tr			Q+C,Q	1
K-10-165	41.00	43.00	2.00	537152	MON	POT	SER		tr	s				1				Q,Q+C	2
K-10-165	43.00	45.00	2.00	537153	MON	SER	POT		m	m		tr		1				Q,Q+C	2
K-10-165	45.00	47.00	2.00	537154	MON	POT	SER		w	m		tr		2				Q,Q+C	3
K-10-165	47.00	49.00	2.00	537155	MON	POT				s		tr		2				Q,Q+C	2
K-10-165	49.00	51.00	2.00	537156	MON	POT	SER		m	s		tr		2				Q,Q+C	2
K-10-165	51.00	53.00	2.00	537157	MON	POT				s				2				Q,Q+C	2
K-10-165	53.00	55.00	2.00	537158	MON	POT				s		tr		1				Q,Q+C	3
K-10-165	55.00	56.40	1.40	537159	MON	POT	SER		tr	s		tr		1				Q+C,Q	2
K-10-165	56.40	58.00	1.60	537161	MON	SER	POT		m	m		tr		1				Q+C,Q	2
K-10-165	58.00	60.00	2.00	537162	MON	SER	POT		m	m		tr		1				Q+C,Q	2
K-10-165	60.00	62.00	2.00	537163	MON	SER	POT		s	w		tr		2	tr			Q+C,Q	2
K-10-165	62.00	64.00	2.00	537164	MON	SER	POT		s	w		tr		2				Q+C,Q	2
K-10-165	64.00	65.20	1.20	537165	MON	SER	POT		s	m		tr		3				Q+C,Q	2
K-10-165	65.20	67.00	1.80	537166	MON	SER	SIL		s	s				3	tr			Q+C,Q	2
K-10-165	67.00	69.00	2.00	537167	MON	SER	SIL		s	s				3			tr	Q+C,Q	3
K-10-165	69.00	71.00	2.00	537168	MON	SER	SIL		s	s				3			tr	Q+C,Q	3
K-10-165	71.00	72.85	1.85	537169	MON	SER	SIL		s	s				4	tr			Q+C,Q	3
K-10-165	72.85	75.00	2.15	537170	MON	SER	POT		s	w				3				Q+C,Q	1
K-10-165	75.00	77.00	2.00	537171	MON	SER	POT		s	w				2				Q+C,Q	1
K-10-165	77.00	79.00	2.00	537172	MON	SER	POT		s	w				3				Q+C,Q	1
K-10-165	79.00	81.00	2.00	537173	MON	SER	POT		s	w				1				B, Q+C	5
K-10-165	81.00	83.00	2.00	537174	MON	SER	POT		s	w				2				B, Q+C	5
K-10-165	83.00	85.00	2.00	537176	MON	SER	POT		s	w				2				B, Q+C	5
K-10-165	85.00	87.00	2.00	537177	MON	SER	POT		s	w				2				B, Q+C	10
K-10-165	87.00	89.00	2.00	537178	MON	SER	POT		s	w		tr		3				B, Q+C	10
K-10-165	89.00	91.00	2.00	537179	MON	SER	POT		s	w				2				B, Q+C	10
K-10-165	91.00	93.00	2.00	537180	MON	SER	POT		s	w		tr		2				B, Q+C	5
K-10-165	93.00	95.00	2.00	537181	MON	SER	POT		s	w		tr		2				B, Q+C	5
K-10-165	95.00	96.30	1.30	537182	FPY	CHL						tr		tr				Q+C	5
K-10-165	96.30	98.00	1.70	537183	FPY	CHL						tr		tr				Q+C	5
K-10-165	98.00	100.00	2.00	537184	FPY	CHL						tr		tr				Q+C	5
K-10-165	100.00	101.40	1.40	537185	FPY	CHL						tr		tr				Q+C	5
K-10-165	101.40	103.00	1.60	537186	FSP	POT			s					3				Q+C	1
K-10-165	103.00	104.60	1.60	537187	FSP	POT			s					1				Q+C	3
K-10-165	104.60	106.00	1.40	537188	TBX									1				Q+C	2
K-10-165	106.00	108.00	2.00	537189	TBX									0.5				Q+C	2
K-10-165	108.00	110.00	2.00	537191	TBX	HEM						s						Q+C	2

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-165	110.00	111.55	1.55	537192	TBX	HEM						s						Q+C	2
K-10-165	111.55	113.00	1.45	537193	MON	POT	SER		m	m		tr		tr				Q+C	2
K-10-165	113.00	115.00	2.00	537194	MON	POT	SER		m	m		tr		tr				Q+C	2
K-10-165	115.00	117.00	2.00	537195	MON	POT			w	s		tr		tr				Q+C	2
K-10-165	117.00	119.00	2.00	537196	MON	POT			w	s		tr		tr				Q+C	2
K-10-165	119.00	121.00	2.00	537197	FSP	POT				w		tr		tr				Q+C	2
K-10-165	121.00	123.00	2.00	537198	FSP	POT				w		tr		tr				Q+C	2
K-10-165	123.00	125.00	2.00	537199	FSP	POT				w		tr		tr				Q+C	2
K-10-165	125.00	127.00	2.00	537200	FSP	POT				w		tr		tr				Q+C	2
K-10-165	127.00	129.00	2.00	537201	FSP	POT				w		tr		tr				Q+C	2
K-10-165	129.00	130.15	1.15	537202	FSP	POT				s		tr		tr				Q+C	2
K-10-165	130.15	132.00	1.85	537203	PQM	POT				s		tr		tr				Q+C	2
K-10-165	132.00	134.40	2.40	537204	PQM	POT				s		tr		tr				Q+C	2
K-10-165	134.40	136.00	1.60	537206	FSP	POT				w		tr		tr				Q+C	2
K-10-165	136.00	138.00	2.00	537207	FSP	POT				m		tr		tr	3			Q+C	2
K-10-165	138.00	140.00	2.00	537208	FSP	POT				s		tr		tr	tr			Q+C	2
K-10-165	140.00	142.00	2.00	537209	FSP	POT				s				tr				Q+C	3
K-10-165	142.00	144.00	2.00	537210	FSP	POT				w		tr		tr				Q+C	1
K-10-165	144.00	146.10	2.10	537211	FSP	SER	ARG		s	tr				tr				Q+C	1
K-10-165	146.10	147.10	1.00	537212	FSP	SER	ARG		s			tr		tr				Q+C	2
K-10-165	147.10	149.00	1.90	537213	PQM	POT				w				tr				Q+C	2
K-10-165	149.00	151.00	2.00	537214	PQM	POT				w				tr				Q+C	3
K-10-165	151.00	153.00	2.00	537215	PQM	POT				m				tr				Q+C	3
K-10-165	153.00	155.00	2.00	537216	PQM	POT				w				tr				Q+C	2
K-10-165	155.00	157.00	2.00	537217	PQM	POT				w				tr				Q+C	2
K-10-165	157.00	158.20	1.20	537218	PQM	POT				w				tr				Q+C	2
K-10-165	158.20	160.00	1.80	537219	MON	POT	SER			m	m			tr				Q+C	1
K-10-165	160.00	162.00	2.00	537221	MON	POT	SER			m	m			tr	tr			Q+C	1
K-10-165	162.00	164.00	2.00	537222	MON	SER	POT			s	w			tr				Q+C	2
K-10-165	164.00	166.00	2.00	537223	MON	SER	POT			s	tr			tr				Q+C	1
K-10-165	166.00	168.00	2.00	537224	MON	SER	POT			s	tr			tr				Q+C	1
K-10-165	168.00	170.00	2.00	537225	MON	SER	POT			s	tr			tr				Q+C	1
K-10-165	170.00	172.00	2.00	537226	MON	SER	POT			s	tr			tr				Q+C	1
K-10-165	172.00	174.00	2.00	537227	MON	SER	POT			s	tr			tr				Q+C	1
K-10-165	174.00	176.00	2.00	537228	MON	SER	POT			s	tr			tr				Q+C	1
K-10-165	176.00	178.00	2.00	537229	MON	SER	POT			s	tr			tr				Q+C	1
K-10-165	178.00	180.90	2.90	537230	MON	SER	POT			s	tr			tr				Q+C	1
K-10-165	180.90	183.00	2.10	537231	MON	POT	SER			m	w			tr				Q+C	1
K-10-165	183.00	185.00	2.00	537232	MON	POT					m			tr				Q+C,Q	3
K-10-165	185.00	187.00	2.00	537233	MON	POT					s			0.5				Q+C,Q	4
K-10-165	187.00	189.00	2.00	537234	MON	POT					s			tr				Q+C,Q	3
K-10-165	189.00	191.00	2.00	537236	MON	POT					s			tr				Q+C,Q	3
K-10-165	191.00	193.90	2.90	537237	MON	POT					s	tr		1				Q+C,Q	3
K-10-165	193.90	196.00	2.10	537238	MD									1				Q+C	7
K-10-165	196.00	198.00	2.00	537239	MD									0.5				Q+C	7
K-10-165	198.00	200.00	2.00	537240	MD									0.5				Q+C	7
K-10-165	200.00	202.00	2.00	537241	MD									tr				Q+C	10
K-10-165	202.00	204.00	2.00	537242	MD									tr				Q+C	5

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-165	204.00	206.00	2.00	537243	MD									tr				Q+C	10
K-10-165	206.00	208.00	2.00	537244	MD									tr				Q+C	10
K-10-165	208.00	210.20	2.20	537245	MD									tr				Q+C	7
K-10-165	210.20	211.40	1.20	537246	MON	SER	POT			s	tr			tr				Q+C	1
K-10-165	211.40	213.00	1.60	537247	MD	ARG													
K-10-165	213.00	215.00	2.00	537248	MD									tr				Q+C	5
K-10-165	215.00	217.00	2.00	537249	MD									tr				Q+C	5
K-10-165	217.00	219.00	2.00	537251	MD									tr				Q+C	5
K-10-165	219.00	221.80	2.80	537252	MD									tr				Q+C	5
K-10-165	221.80	224.00	2.20	537253	MON	POT				s		tr		tr				Q+C	2
K-10-165	224.00	226.00	2.00	537254	MON	POT				s		tr		tr				Q+C	3
K-10-165	226.00	228.00	2.00	537255	MON	POT				s		tr		tr				Q+C	3
K-10-165	228.00	230.00	2.00	537256	MON	POT	SER		tr	s				tr	tr			Q+C	2
K-10-165	230.00	232.00	2.00	537257	MON	POT	SER		tr	s				tr				Q+C	2
K-10-165	232.00	234.00	2.00	537258	MON	POT				s				tr				Q+C	3
K-10-165	234.00	236.00	2.00	537259	MON	POT				s				tr			tr	Q+C	3
K-10-165	236.00	238.00	2.00	537260	MON	POT				s		tr		tr				Q+C	3
K-10-165	238.00	240.00	2.00	537261	MON	POT	SER		w	s				tr	tr			Q+C	3
K-10-165	240.00	242.00	2.00	537262	MON	POT	SER		tr	s								Q+C	4
K-10-165	242.00	244.30	2.30	537263	MON	POT				s				tr				Q+C,Q	3
K-10-165	244.30	246.90	2.60	537264	MD									tr				Q+C	5

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-166	0.00	39.00	39.00	Overburden
K-10-166	39.00	44.80	5.80	Microdiorite. Strong and pervasive CHL alteration. Strong and fracture/vein controlled HEM alteration. Very thin and wispy Q/C stringers (1%).
K-10-166	44.80	51.60	6.80	Diorite. Strong and pervasive clay/ser alteration. Zones of moderate-strong QSP flooding. 1-2% disseminated pyrite and 2% Q, Q/C veins.
K-10-166	51.60	60.74	9.14	Diorite. Similar texture and alteration to above unit with the addition of moderate-strong pervasive CHL alteration. 1% Q/C veins
K-10-166	60.74	114.78	54.04	Diorite. More igneous texture is visible (mafic crystals). Strong and pervasive propylitic alteration (CHL, Epidote, and Carbonate). Strong fracture controlled HEM alteration. 1% Q/C veins. 1-2% disseminated pyrite
K-10-166	114.78	135.49	20.71	Diorite. Mixed transitional zone of alteration. Magnetic diorite is either strongly CHL altered or strongly K-spar altered. 1% disseminated Py and 1% Q/C veins. Tr CPY. K-spar alteration is texture destructive and pervasive. CHL alteration is pervasive but occurs as phenocrysts.
K-10-166	135.49	166.08	30.59	Monzonite. Gradational contact between diorite. Strong K-spar and CHL alteration (same style as above). 1% Q/C veins, 1% Py, and Tr CPY. Euhedral epidote crystals
K-10-166	166.08	171.24	5.16	Quartz Monzonite. Highly silicified. Weak CHL/POT alteration. 1% Q/C veins and Tr Py.
K-10-166	171.24	181.24	10.00	Monzonite. Strong K-spar and Propylitic alteration (same as 136.49-166.08). Biotite phenocrysts (3mm). Clay along fractures.
K-10-166	181.24	218.07	36.83	Monzonite. Strong, pervasive, and texture destructive K-spar alteration. Biotite phenocrysts (3mm). 1% Q/C veins. Specks of black hematite. Tr CPY and tr PY. Moderate Clay along fractures.
K-10-166	218.07	238.02	19.95	Monzonite. Strong and pervasive QSP alteration with disseminated metallic PY and fracture/vein controlled sooty PY (1% PY). Moderate clay alteration along fractures. Weak and patchy K-spar and CHL alteration. 1% Q/C veins.
K-10-166	238.02	260.00	21.98	Monzonite. Strong and pervasive CHL and SIL. 1% disseminated PY and 2% Q/C, Q veins. Patchy moderate k-spar alteration. Bigger veins are @ 30 degrees to CA indicating vertical.
K-10-166	260.00	302.05	42.05	Monzonite. Mixed alteration zone with some sections of dominantly k-spar (w-m/pervasive) but mostly propylitic (m-s/perv) alteration overprinting POT. 1% disseminated/blebby PY and a very minimal trace of CPY. Moderate-strong clay alteration along fractures and fractures and veins are @ 30 degrees to CA indicating vertical. 2% Q, Q/C, and Albite veins. Moderate HEM along fractures and veins.

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-166	302.05	340.70	38.65	Monzonite. Strong and pervasive QSP alteration and moderate and pervasive CHL/POT/CLAY alteration. Flow like texture of alternating laminations of sooty and metallic PY. (1% PY). This indicates a ductile/shearing environment with structures/veins @ 30 degrees to CA (sub-vertical fault in true sense). Trace HEM along fractures and veins. 1% Q/C, Q veins and a minor trace of CPY.
K-10-166	340.70	359.67	18.97	Fault Zone. Chlorite (strong/pervasive) and clay (strong/fractures+pervasive) altered. Qtz/C infill in shears with 1-3% PY and tr-2% CPY. Pyrite also occurs as metallic disseminations and as sooty pyritic clays along fractures. In places some of the original monzonite is visible but in most places it is obscured by wavy shear bands which do not follow any defined orientation.
K-10-166	359.67	379.58	19.91	Monzonite. K-spar (strong/pervasive) and Clay (strong along fractures) alteration. Moderately speckled with black hematite. 1% Q/C stringers and Tr PY. Many fractures are @ 30 degrees to CA. Weak pink HEM altered veins. Weak-moderate and pervasive sericite alt.
K-10-166	379.58	392.96	13.38	Monzonite. CLAY/SER (strong and pervasive) alteration. CHL/K-spar (weak and pervasive) alteration. 1% Q/C and Tr PY. Moderately altered wispy HEM stringers (50% of Q/C veins). Alteration is texture destructive.
K-10-166	392.96	397.50	4.54	Monzonite. Same as (359.67-379.58).
K-10-166	397.50	402.12	4.62	Monzonite. K-spar/HEM (strong and pervasive). Rusted colour. Small amounts of weak and patchy CHL. Tr Q/C veins.
K-10-166	402.12	439.27	37.15	Gradational contact into Monzodiorite. but more highly fractured and with strong and patchy CHL alteration.
K-10-166	439.27	445.67	6.40	Mixed zone with mostly Andesite Dykes that are strongly/pervasive CHL altered and weakly/patchy EPI altered. Small sections (10cm) of MZDIO interspersed.
K-10-166	445.67	461.80	16.13	Monzodiorite. Strongly k-spar altered and overprinted with strong CHL and HEM alteration. Calcite occurs along fractures. 1% Q/C veins and no visible sulfides.
K-10-166	461.80	469.47	7.67	Monzonite dyke. Very strong k-spar with Tr PY, Tr CPY, and Tr MO.
K-10-166	469.47	491.70	22.23	Monzodiorite. (same as 445.67-461.80)
K-10-166	491.70	505.05	13.35	Monzonite dyke. Very strong k-spar with Tr PY.
		EOH		

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-166	39.00	41.00	2.00	539213	MD	CHL	HEM					s						Q/C	1
K-10-166	41.00	43.00	2.00	539214	MD	CHL	HEM					s						Q/C	1
K-10-166	43.00	44.80	1.80	539215	MD	CHL	HEM					s						Q/C	1
K-10-166	44.80	47.00	2.20	539216	DIO	CLAY	QSP							2				Q, Q/C	2
K-10-166	47.00	49.00	2.00	539217	DIO	CLAY	QSP							1				Q, Q/C	2
K-10-166	49.00	51.60	2.60	539218	DIO	CLAY	SER							1				Q/C	2
K-10-166	51.60	53.00	1.40	539219	DIO	CHL	CLAY		s					tr				Q/C	1
K-10-166	53.00	55.00	2.00	539220	DIO	CHL	CLAY		s					2				Q/C	1
K-10-166	55.00	57.00	2.00	539221	DIO	CHL	CLAY		s					2				Q/C	1
K-10-166	57.00	59.00	2.00	539222	DIO	CHL	CLAY		s					tr				Q/C	1
K-10-166	59.00	60.74	1.74	539223	DIO	CHL	CLAY		s					1				Q/C	1
K-10-166	60.74	63.00	2.26	539224	DIO	CHL	EP	s				s		2				Q/C	1
K-10-166	63.00	65.00	2.00	539226	DIO	CHL	EP	s				s		1				Q/C	1
K-10-166	65.00	67.00	2.00	539227	DIO	CHL	EP	s				s		2				Q/C	1
K-10-166	67.00	69.00	2.00	539228	DIO	CHL	EP	s				s		2				Q/C	1
K-10-166	69.00	71.00	2.00	539229	DIO	CHL	EP	s						1				Q/C	1
K-10-166	71.00	73.00	2.00	539230	DIO	CHL	EP	s				s		1				Q/C	1
K-10-166	73.00	75.00	2.00	539231	DIO	CHL	EP	s						1				Q/C	1
K-10-166	75.00	77.00	2.00	539232	DIO	CHL	EP	s						1				Q/C	1
K-10-166	77.00	79.00	2.00	539233	DIO	CHL	EP	s						1				Q/C	1
K-10-166	79.00	81.00	2.00	539234	DIO	CHL	EP	s						1				Q/C	1
K-10-166	81.00	83.00	2.00	539235	DIO	CHL	EP	s						1				Q/C	1
K-10-166	83.00	85.00	2.00	539236	DIO	CHL	EP	s						1				Q/C	1
K-10-166	85.00	87.00	2.00	539237	DIO	CHL	EP	s						1				Q/C	1
K-10-166	87.00	89.00	2.00	539238	DIO	CHL	EP	s						1				Q/C	1
K-10-166	89.00	91.00	2.00	539239	DIO	CHL	EP	s				w		1				Q/C	1
K-10-166	91.00	93.00	2.00	539241	DIO	CHL	EP	s						1				Q/C	1
K-10-166	93.00	95.00	2.00	539242	DIO	CHL	EP	s						1				Q/C	1
K-10-166	95.00	97.00	2.00	539243	DIO	CHL	EP	s				w		1				Q/C	3
K-10-166	97.00	99.00	2.00	539244	DIO	CHL	EP	s						1				Q/C	1
K-10-166	99.00	101.00	2.00	539245	DIO	CHL	EP	s						1				Q/C	1
K-10-166	101.00	103.00	2.00	539246	DIO	CHL	EP	s						1				Q/C	1
K-10-166	103.00	105.00	2.00	539247	DIO	CHL	EP	s						1				Q/C	1
K-10-166	105.00	107.00	2.00	539248	DIO	CHL	EP	s						1				Q/C	1
K-10-166	107.00	109.00	2.00	539249	DIO	CHL	EP	s						1				Q/C	1
K-10-166	109.00	111.00	2.00	539250	DIO	CHL	EP	s						1				Q/C	1
K-10-166	111.00	113.00	2.00	539251	DIO	CHL	EP	s						1				Q/C	1
K-10-166	113.00	114.78	1.78	539252	DIO	CHL	EP	s						1				Q/C	1
K-10-166	114.78	117.00	2.22	539253	DIO	POT	CHL			s			w	1				Q/C	1
K-10-166	117.00	119.00	2.00	539254	DIO	POT				s			w	1				Q/C	1
K-10-166	119.00	121.00	2.00	539256	DIO	CHL							w	1	tr			Q/C	1
K-10-166	121.00	123.00	2.00	539257	DIO	CHL							w	1				Q/C	1
K-10-166	123.00	125.00	2.00	539258	DIO	CHL	POT			s			w	1				Q/C	1
K-10-166	125.00	127.00	2.00	539259	DIO	POT	CHL			s			w	1				Q/C	1
K-10-166	127.00	129.00	2.00	539260	DIO	POT	CHL			s			w	1				Q/C	1
K-10-166	129.00	131.00	2.00	539261	DIO	SIL	POT			w			w	1				Q/C	1
K-10-166	131.00	133.00	2.00	539262	DIO	SIL	POT			w			w	1				Q/C	1

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-166	133.00	135.49	2.49	539263	DIO	SIL	POT			w			w	1				Q/C	1
K-10-166	135.49	137.00	1.51	539264	MON	POT	CHL			s				tr				Q/C	1
K-10-166	137.00	139.00	2.00	539265	MON	POT	CHL	s		s				tr				Q/C	1
K-10-166	139.00	141.00	2.00	539266	MON	POT	CHL	s		s				tr				Q/C	1
K-10-166	141.00	143.00	2.00	539267	MON	POT	CHL	s		s		tr		tr				Q/C	1
K-10-166	143.00	145.00	2.00	539268	MON	POT	CHL			s				tr				Q/C	1
K-10-166	145.00	147.00	2.00	539269	MON	POT	CHL			s				tr				Q/C	1
K-10-166	147.00	149.00	2.00	539271	MON	POT	CHL			s				tr				Q/C	1
K-10-166	149.00	151.00	2.00	539272	MON	POT	CHL			s				tr				Q/C	1
K-10-166	151.00	153.00	2.00	539273	MON	POT	CHL			s				tr	tr			Q/C	1
K-10-166	153.00	155.00	2.00	539274	MON	POT	CHL	s		s				tr				Q/C	1
K-10-166	155.00	157.00	2.00	539275	MON	POT	CHL	s		s				tr				Q/C	1
K-10-166	157.00	159.00	2.00	539276	MON	POT	CHL	s		s				tr				Q/C	1
K-10-166	159.00	161.00	2.00	539277	MON	POT	CHL	s		s				tr				Q/C	1
K-10-166	161.00	163.50	2.50	539278	MON	POT	CHL	s		s				tr				Q/C	1
K-10-166	163.50	166.08	2.58	539279	MON	POT	CHL	s		s				tr				Q/C	1
K-10-166	166.08	168.00	1.92	539280	QMON	SIL	CHL			w				tr				Q/C	1
K-10-166	168.00	170.00	2.00	539281	QMON	SIL	CHL			w				tr				Q/C	1
K-10-166	170.00	171.24	1.24	539282	QMON	SIL	CHL			w				tr				Q/C	1
K-10-166	171.24	173.00	1.76	539283	MON	POT	CHL	s		s								Q/C	1
K-10-166	173.00	175.00	2.00	539284	MON	POT	CHL	s		s								Q/C	1
K-10-166	175.00	177.00	2.00	539286	MON	POT	CHL	s		s								Q/C	1
K-10-166	177.00	179.00	2.24	539287	MON	POT	CHL	s		s								Q/C	1
K-10-166	179.00	181.24	1.76	539288	MON	POT	CHL	s		s								Q/C	1
K-10-166	181.24	183.00	2.00	539289	MON	POT	CLAY			s								Q/C	1
K-10-166	183.00	185.00	2.00	539290	MON	POT	CLAY			s								Q/C	1
K-10-166	185.00	187.00	2.00	539291	MON	POT	CLAY			s								Q/C	1
K-10-166	187.00	189.00	2.00	539292	MON	POT	CLAY			s								Q/C	1
K-10-166	189.00	191.00	2.00	539293	MON	POT	CLAY			s								Q/C	1
K-10-166	191.00	193.00	2.00	539294	MON	POT	CLAY			s								Q/C	1
K-10-166	193.00	195.00	2.00	539295	MON	POT	CLAY			s				tr				Q/C	1
K-10-166	195.00	197.00	2.00	539296	MON	POT	CLAY			s				tr	tr			Q/C	1
K-10-166	197.00	199.00	2.00	539297	MON	POT	CLAY			s				tr	tr			Q/C	1
K-10-166	199.00	201.00	2.00	539298	MON	POT	CLAY			s				tr				Q/C	1
K-10-166	201.00	203.00	2.00	539299	MON	POT	CLAY			s				tr	tr			Q/C	1
K-10-166	203.00	205.00	2.00	539301	MON	POT	CLAY			s				tr	tr			Q/C	1
K-10-166	205.00	207.00	2.00	539302	MON	POT	CLAY			s								Q/C	1
K-10-166	207.00	209.00	2.00	539303	MON	POT	CLAY			s								Q/C	1
K-10-166	209.00	211.00	2.00	539304	MON	POT	CLAY			s				tr	tr			Q/C	1
K-10-166	211.00	213.00	2.00	539305	MON	POT	CLAY			s								Q/C	1
K-10-166	213.00	215.00	2.00	539306	MON	POT	CLAY			s								Q/C	1
K-10-166	215.00	217.00	2.00	539307	MON	POT	CLAY			s								Q/C	1
K-10-166	217.00	218.07	1.07	539308	MON	POT	CLAY			s								Q/C	1
K-10-166	218.07	220.00	1.93	539309	MON	QSP	CHL							1				Q/C	2
K-10-166	220.00	222.00	2.00	539310	MON	QSP	CHL							1				Q/C	2
K-10-166	222.00	224.00	2.00	539311	MON	QSP	CHL							1				Q/C	2
K-10-166	224.00	226.00	2.00	539312	MON	QSP	CHL							2				Q/C	2
K-10-166	226.00	228.00	2.00	539313	MON	QSP	CHL							1				Q/C	2

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-166	228.00	230.00	2.00	539314	MON	QSP	CHL							1				Q/C	2
K-10-166	230.00	232.00	2.00	539316	MON	QSP	POT			w				1				Q/C	2
K-10-166	232.00	234.00	2.00	539317	MON	QSP	POT			w				1				Q/C	2
K-10-166	234.00	236.00	2.00	539318	MON	QSP	CHL							1				Q/C	2
K-10-166	236.00	238.02	2.02	539319	MON	QSP	CHL							1				Q/C	2
K-10-166	238.02	240.00	1.98	539320	MON	SIL	CHL							2				Q/C, Q	2
K-10-166	240.00	242.00	2.00	539321	MON	SIL	CHL							2				Q/C, Q	2
K-10-166	242.00	244.00	2.00	539322	MON	SIL	CHL							2				Q/C, Q	2
K-10-166	244.00	246.00	2.00	539323	MON	SIL	CHL							1				Q/C, Q	2
K-10-166	246.00	248.00	2.00	539324	MON	SIL	CHL							1				Q/C, Q	2
K-10-166	248.00	250.00	2.00	539325	MON	SIL	CHL					s		1				Q/C, Q	2
K-10-166	250.00	252.00	2.00	539326	MON	SIL	CHL							1				Q/C, Q	2
K-10-166	252.00	254.00	2.00	539327	MON	SIL	CHL							tr				Q/C, Q	2
K-10-166	254.00	256.00	2.00	539328	MON	SIL	CHL					w		tr				Q/C, Q	2
K-10-166	256.00	258.00	2.00	539329	MON	SIL	CHL							tr				Q/C, Q	2
K-10-166	258.00	260.69	2.69	539331	MON	SIL	CHL							tr				Q/C, Q	2
K-10-166	260.69	263.00	2.31	539332	MON	POT	CHL			m				tr				Q/C, Q	2
K-10-166	263.00	265.00	2.00	539333	MON	POT	CHL			m				tr				Q/C, Q	2
K-10-166	265.00	267.00	2.00	539334	MON	POT	CHL			m				tr				Q/C, Q	2
K-10-166	267.00	269.00	2.00	539335	MON	POT	CHL			m				tr				Q/C, Q	2
K-10-166	269.00	271.00	2.00	539336	MON	CHL	POT			m				tr				Q/C, Q	2
K-10-166	271.00	273.00	2.00	539337	MON	CHL	POT			m		s		tr				Q/C, Q	2
K-10-166	273.00	275.00	2.00	539338	MON	CHL	POT	m		m		s		tr	1.0			Q/C, Q	2
K-10-166	275.00	277.00	2.00	539339	MON	CHL	POT	m		m		s		tr				Q/C, Q	2
K-10-166	277.00	279.00	2.00	539340	MON	CHL	POT	m		m		s		tr				Q/C, Q	2
K-10-166	279.00	281.00	2.00	539341	MON	CHL	POT	m		m		s		tr				Q/C, Q, ALB	2
K-10-166	281.00	283.00	2.00	539342	MON	CHL	POT	m		m				2	tr			Q/C, Q	5
K-10-166	283.00	285.00	2.00	539343	MON	CHL	POT	m		m		m		tr				Q/C, Q	2
K-10-166	285.00	287.00	2.00	539344	MON	CHL	POT			m		m		tr				Q/C, Q	5
K-10-166	287.00	289.00	2.00	539346	MON	CHL	POT			m		m		tr				Q/C, Q	2
K-10-166	289.00	291.00	2.00	539347	MON	CHL	POT			m		m		1	tr			Q/C, Q	2
K-10-166	291.00	293.00	2.00	539348	MON	CHL	POT			m		s		1				Q/C, Q	2
K-10-166	293.00	295.00	2.00	539349	MON	CHL	POT			m		m		1				Q/C, Q	2
K-10-166	295.00	297.00	2.00	539350	MON	CHL	POT			m		m		1				Q/C, Q	2
K-10-166	297.00	299.00	2.00	539351	MON	CHL	POT			m		m		1				Q/C, Q	2
K-10-166	299.00	301.00	2.00	539352	MON	CHL	POT			m		m		1				Q/C, Q	2
K-10-166	301.00	302.05	1.05	539353	MON	QSP	CHL			m		s		1				Q/C, Q	2
K-10-166	302.05	304.00	1.95	539354	MON	QSP	CHL							1				Q/C, Q	2
K-10-166	304.00	306.00	2.00	539355	MON	QSP	POT			m				1				Q/C, Q	2
K-10-166	306.00	308.00	2.00	539356	MON	QSP	CHL							1				Q/C, Q	2
K-10-166	308.00	310.00	2.00	539357	MON	QSP	CHL							1				Q/C, Q	2
K-10-166	310.00	312.00	2.00	539358	MON	QSP	CHL							1				Q/C, Q	2
K-10-166	312.00	314.00	2.00	539359	MON	QSP	CHL							1				Q/C, Q	2
K-10-166	314.00	316.00	2.00	539361	MON	QSP	POT			s				1				Q/C, Q	2
K-10-166	316.00	318.00	2.00	539362	MON	QSP	CHL							1				Q/C, Q	2
K-10-166	318.00	320.00	2.00	539363	MON	QSP	CHL							1				Q/C, Q	2
K-10-166	320.00	322.00	2.00	539364	MON	QSP	CHL							1				Q/C, Q	2
K-10-166	322.00	324.00	2.00	539365	MON	QSP	CHL	w						1				Q/C, Q	2

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-166	324.00	326.00	2.00	539366	MON	QSP	CHL	w						1				Q/C, Q	2
K-10-166	326.00	328.00	2.00	539367	MON	QSP	CHL	w						1	tr			Q/C, Q	2
K-10-166	328.00	330.00	2.00	539368	MON	QSP	CHL	w						1				Q/C, Q	3
K-10-166	330.00	332.00	2.00	539369	MON	QSP	CHL	w				w		1				Q/C, Q	2
K-10-166	332.00	334.00	2.00	539370	MON	QSP	CHL	w				m		1				Q/C, Q	5
K-10-166	334.00	336.36	2.36	539371	MON	QSP	CHL	w				m		1				Q/C, Q	2
K-10-166	336.36	338.00	1.64	539372	MON	QSP	CHL	w				m		1				Q/C, Q	2
K-10-166	338.00	340.70	2.70	539373	MON	QSP	CHL	w				m		1				Q/C, Q	2
K-10-166	340.70	343.00	2.30	539374	FTZ	CHL	CLAY							1	1.0				
K-10-166	343.00	345.00	2.00	539376	FTZ	CHL	CLAY							1	1.0				
K-10-166	345.00	347.00	2.00	539377	FTZ	CHL	CLAY							1	1.0				
K-10-166	347.00	349.00	2.00	539378	FTZ	CHL	CLAY							1	1.0				
K-10-166	349.00	351.00	2.00	539379	FTZ	CHL	CLAY							1					
K-10-166	351.00	353.00	2.00	539380	FTZ	CHL	CLAY							2					
K-10-166	353.00	355.00	2.00	539381	FTZ	CHL	CLAY							2					
K-10-166	355.00	357.00	2.00	539382	FTZ	CHL	CLAY							2					
K-10-166	357.00	359.67	2.67	539383	FTZ	CHL	CLAY							2					
K-10-166	359.67	362.00	2.33	539384	MON	POT	CLAY			s		tr		tr				Q/C, Q	1
K-10-166	362.00	364.00	2.00	539385	MON	POT	CLAY			s		tr		tr				Q/C, Q	1
K-10-166	364.00	366.00	2.00	539386	MON	POT	CLAY			s		tr		tr				Q/C, Q	1
K-10-166	366.00	368.00	2.00	539387	MON	POT	CLAY			s		tr		tr				Q/C, Q	1
K-10-166	368.00	370.00	2.00	539388	MON	POT	CLAY			s		tr		tr				Q/C, Q	1
K-10-166	370.00	372.00	2.00	539389	MON	POT	CLAY			s		tr		tr				Q/C, Q	1
K-10-166	372.00	374.00	2.00	539391	MON	POT	CLAY			s		tr		tr				Q/C, Q	1
K-10-166	374.00	376.00	2.00	539392	MON	POT	CLAY			s		tr		tr				Q/C, Q	1
K-10-166	376.00	378.00	2.00	539393	MON	POT	CLAY			s		tr		tr				Q/C, Q	1
K-10-166	378.00	379.58	1.58	539394	MON	POT	CLAY			s		tr		tr				Q/C, Q	1
K-10-166	379.58	382.00	2.42	539395	MON	SER	CLAY		s			tr		tr				Q/C, Q	1
K-10-166	382.00	384.00	2.00	539396	MON	SER	CLAY		s			tr		tr				Q/C, Q	1
K-10-166	384.00	386.00	2.00	539397	MON	SER	CLAY		s			tr		tr				Q/C, Q	1
K-10-166	386.00	388.00	2.00	539398	MON	SER	CLAY		s			tr		3				Q/C, Q	1
K-10-166	388.00	390.00	2.00	539399	MON	SER	CLAY		s			tr		3				Q/C, Q	1
K-10-166	390.00	392.96	2.96	539400	MON	SER	CLAY		s			tr		3				Q/C, Q	1
K-10-166	392.96	395.00	2.04	539401	MON	SER	CLAY		s			tr		tr				Q/C, Q	1
K-10-166	395.00	397.50	2.50	539402	MON	SER	CLAY		s			tr		tr				Q/C, Q	1
K-10-166	397.50	399.00	1.50	539403	MON	POT	HEM			s		s		tr				Q/C, Q	1
K-10-166	399.00	401.00	2.00	539404	MON	POT	HEM			s		s		tr				Q/C, Q	1
K-10-166	401.00	402.12	1.12	539406	MON	POT	HEM			s		s		tr				Q/C, Q	1
K-10-166	402.12	404.00	1.88	539407	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	404.00	406.00	2.00	539408	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	406.00	408.00	2.00	539409	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	408.00	410.00	2.00	539410	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	410.00	412.00	2.00	539411	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	412.00	414.00	2.00	539412	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	414.00	416.00	2.00	539413	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	416.00	418.00	2.00	539414	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	418.00	420.00	2.00	539415	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	420.00	422.00	2.00	539416	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-166	422.00	424.00	2.00	539417	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	424.00	426.00	2.00	539418	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	426.00	428.00	2.00	539419	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	428.00	430.00	2.00	539421	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	430.00	432.00	2.00	539422	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	432.00	434.00	2.00	539423	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	434.00	436.00	2.00	539424	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	436.00	438.00	2.00	539425	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	438.00	439.27	1.27	539426	MZDIO	POT	CHL			s		tr		1				Q/C, Q	1
K-10-166	439.27	441.00	1.73	539427	ANDK	CHL	EP	s										Q/C, Q	1
K-10-166	441.00	443.00	2.00	539428	ANDK	CHL	EP	s										Q/C, Q	1
K-10-166	443.00	445.67	2.67	539429	ANDK	CHL	EP	s										Q/C, Q	1
K-10-166	445.67	448.00	2.33	539430	MZDIO	POT	CHL			s		s						Q/C, Q	1
K-10-166	448.00	450.00	2.00	539431	MZDIO	POT	CHL			s		s						Q/C, Q	1
K-10-166	450.00	452.00	2.00	539432	MZDIO	POT	CHL			s		s						Q/C, Q	1
K-10-166	452.00	454.00	2.00	539433	MZDIO	POT	CHL			s		s						Q/C, Q	1
K-10-166	454.00	456.00	2.00	539434	MZDIO	POT	CHL			s		s						Q/C, Q	1
K-10-166	456.00	458.00	2.00	539436	MZDIO	POT	CHL			s		s						Q/C, Q	1
K-10-166	458.00	460.00	2.00	539437	MZDIO	POT	CHL			s		s						Q/C, Q	1
K-10-166	460.00	461.80	1.80	539438	MZDIO	POT	CHL			s		s						Q/C, Q	1
K-10-166	461.80	464.00	2.20	539439	MZD	POT				s				tr				Q/C, Q	1
K-10-166	464.00	466.00	2.00	539440	MZD	POT				s				tr	tr			Q/C, Q	1
K-10-166	466.00	468.00	2.00	539441	MZD	POT				s				tr				Q/C, Q	1
K-10-166	468.00	469.47	1.47	539442	MZD	POT				s				tr	tr		tr	Q/C, Q	1
K-10-166	469.47	472.00	2.53	539443	MZDIO	POT	CHL			s								Q/C, Q	1
K-10-166	472.00	474.00	2.00	539444	MZDIO	POT	CHL			s								Q/C, Q	1
K-10-166	474.00	476.00	2.00	539445	MZDIO	POT	CHL			s								Q/C, Q	1
K-10-166	476.00	478.00	2.00	539446	MZDIO	POT	CHL			s								Q/C, Q	1
K-10-166	478.00	480.00	2.00	539447	MZDIO	POT	CHL			s								Q/C, Q	1
K-10-166	480.00	482.00	2.00	539448	MZDIO	POT	CHL			s								Q/C, Q	1
K-10-166	482.00	484.00	2.00	539449	MZDIO	POT	CHL			s								Q/C, Q	1
K-10-166	484.00	486.00	2.00	539451	MZDIO	POT	CHL			s								Q/C, Q	1
K-10-166	486.00	488.00	2.00	539452	MZDIO	POT	CHL			s								Q/C, Q	1
K-10-166	488.00	490.00	2.00	539453	MZDIO	POT	CHL			s								Q/C, Q	1
K-10-166	490.00	491.70	1.70	539454	MZDIO	POT	CHL			s								Q/C, Q	1
K-10-166	491.70	494.00	2.30	539455	MZD	POT				s				1	tr		tr	Q/C, Q	1
K-10-166	494.00	496.00	2.00	539456	MZD	POT				s				tr				Q/C, Q	1
K-10-166	496.00	498.00	2.00	539457	MZD	POT				s		m		tr				Q/C, Q	1
K-10-166	498.00	500.00	2.00	539458	MZD	POT				s				tr				Q/C, Q	1
K-10-166	500.00	502.00	2.00	539459	MZD	POT				s				tr				Q/C, Q	1
K-10-166	502.00	504.00	2.00	539460	MZD	POT				s				tr				Q/C, Q	1
K-10-166	504.00	505.05	1.05	539461	MZD	POT				s				tr				Q/C, Q	1

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-167	0.00	37.40	37.40	Overburden
K-10-167	37.40	85.10	47.70	Monzonite. Uppermost ~1.5 m of interval is brecciated and crushed with weak clay alt, and strong limonitic staining. From ~39.3 to 85.50 m, strong k-sapr alt. with trace to moderate hematite alt., and tr to weak chlorite alt, but patchy and discontinuous. Generally trace to 1% py and rare Mo. Minor feldspar porphyry of up to ~30 cm. Weak to moderate clay alt. associated with zones of tectonic breccia of up to ~80 cm, and weak to moderate shearing of up to ~1.5 m.
K-10-167	85.10	91.80	6.70	Microdiorite. Green in colour due to strong chlorite alt. containing phenocrysts of hornblend in fine grained matrix, and trace py. ~50% of the interval is moderately to strongly sheared and clay alt, with zones of up to ~60 cm. Minor bands and lenses of MON of up to ~30 cm. Lower contact sheared @ ~75° tca with MON.
K-10-167	91.80	97.25	5.45	Monzonite. Moderate to strong k-spar with tr to weak and patchy chlorite alt. From ~92.0 to 93.6 m, weak sericite, chlorite, and clay alt. Generally 1% py.
K-10-167	97.25	99.36	2.11	Microdiorite. Moderately to strongly sheared and clay alt. Upper contact sheared @ ~30° tca.
K-10-167	99.36	112.90	13.54	Monzonite. Silimilar to (39.3 to 85.50 m), but with only trace hematite alt, and tr to wk clay alt over 10s of cms. Minor zones of microbreccia of 10-30 cm.
K-10-167	112.90	137.20	24.30	Fault Zone. Interval strongly fractured and broken to rubbly with core pieces no< ~50 cm, but usually >~30 cm. Trace to weak clay alt, and zones of tectonic breccia of up to ~1 m. Generally 1-3% py and trace cpy.
K-10-167	137.20	205.30	68.10	Tectonic Breccia. The Interval consists largely of cataclasite with intervals of up to ~12 m and shorter sections of 1-2 m to 10s of cms, consisting of angular to subangular fragments of up to ~5 cm, but usually >1 cm to 2-3 mm, and locally foliated. Generally trace to >1% py and tr chalcocite as rare blebs and flecks? Rare fault breccia of up to ~ 50, and qtz veins of ~10-20cm. Minor feldspar porphyry of ~10-20 cm.
K-10-167	205.30	249.90	44.60	Monzonite. Silimilar to (137.2 to 205.3 m) with strong k-spar alt and zones of weak to moderate clay alt. associated with brecciated or crushed zones and weak shearing of up to ~1.5 m; cataclasite of up to ~1 m. Generally trace to >1% py and tr cpy and Mo.
K-10-167	249.90	261.90	12.00	Feldspar Porphyry Dyke? Reddish brown in colour with phenocrysts of feldspar up to ~ 1 cm. Interval largely weakly sheared with weak to moderate clay alt. Trace py.
K-10-167	261.90	270.05	8.15	Tectonic Breccia. Similar to (137.20 to 205.3 m), with only trace py. Rare FPY of ~15 cm.
	EOH			

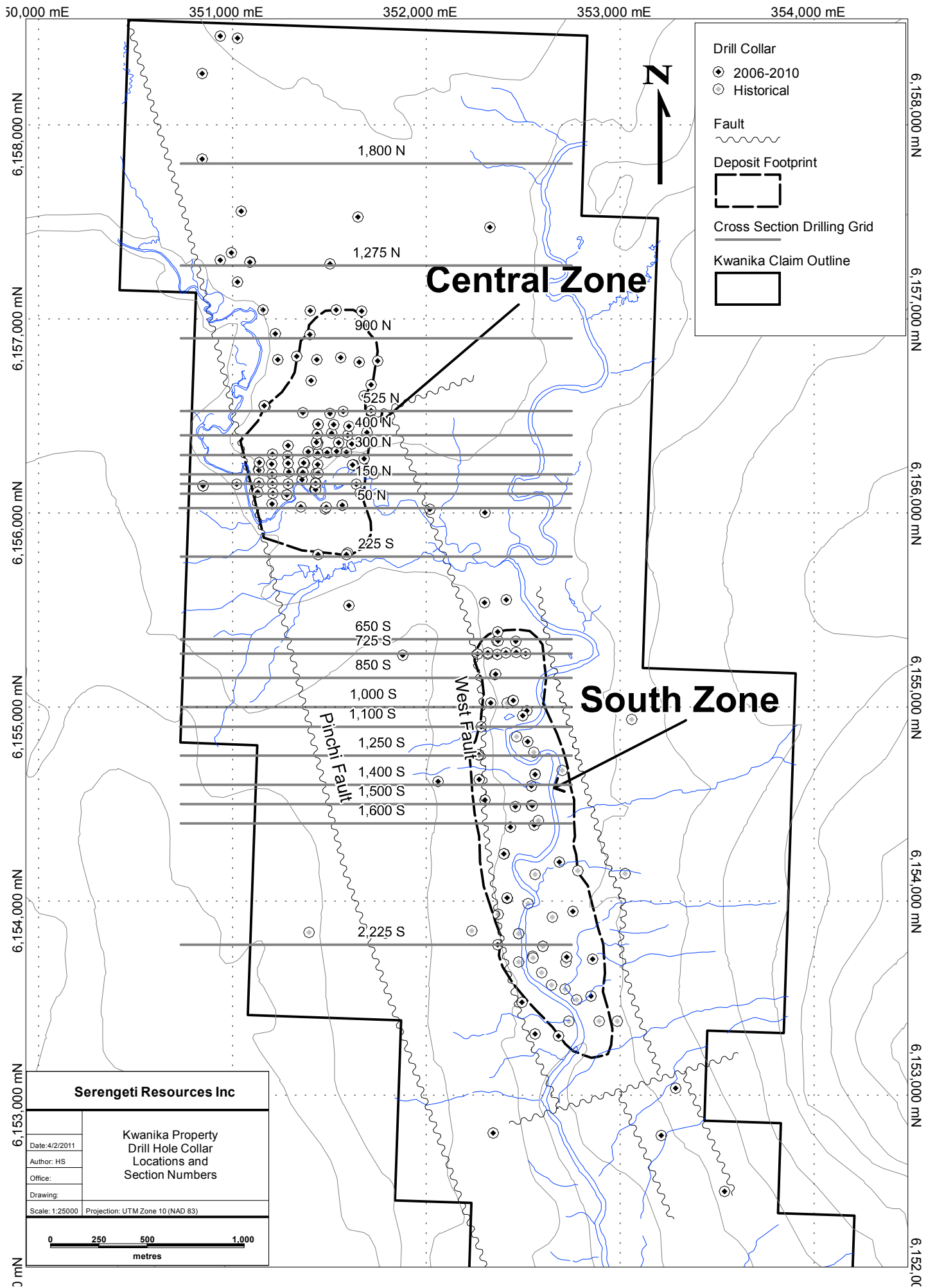
HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-167	37.40	38.40	1.00	537266	MON									2				Q+C,Q	2
K-10-167	38.40	41.45	3.05	537267	MON									1				Q+C,Q	2
K-10-167	41.45	43.00	1.55	537268	MON	POT				s		tr		0.5				Q+C,Q	2
K-10-167	43.00	45.00	2.00	537269	MON	POT				s		tr		0.5				Q+C,Q	2
K-10-167	45.00	47.00	2.00	537270	MON	POT				s		tr		0.5				Q+C,Q	2
K-10-167	47.00	49.00	2.00	537271	MON	POT				s		tr		tr				Q+C,Q	2
K-10-167	49.00	51.00	2.00	537272	MON	POT				s		tr		0.5				Q+C,Q	2
K-10-167	51.00	53.00	2.00	537273	MON	POT				s		tr		tr				Q+C,Q	4
K-10-167	53.00	55.00	2.00	537274	MON	POT				s		tr		1				Q+C,Q	2
K-10-167	55.00	57.00	2.00	537275	MON	POT				s		tr		tr				Q+C,Q	2
K-10-167	57.00	59.00	2.00	537276	MON	POT				s		tr		tr				Q+C,Q	2
K-10-167	59.00	61.00	2.00	537277	MON	POT				s		tr		tr				Q+C,Q	2
K-10-167	61.00	63.00	2.00	537278	MON	POT				s		tr		0.5				Q+C,Q	2
K-10-167	63.00	65.00	2.00	537279	MON	POT				s		tr		0.5				Q+C,Q	2
K-10-167	65.00	67.00	2.00	537281	MON	POT				s		tr		1				Q+C,Q	3
K-10-167	67.00	69.00	2.00	537282	MON	POT				s		tr		0.5				Q+C,Q	2
K-10-167	69.00	71.00	2.00	537283	MON	POT				s		tr		0.5				Q+C,Q	2
K-10-167	71.00	73.00	2.00	537284	MON	POT				s		tr		tr				Q+C,Q	2
K-10-167	73.00	75.00	2.00	537285	MON	POT				s		tr		tr			tr	Q,Q+C	3
K-10-167	75.00	77.00	2.00	537286	MON	POT	ARG			s		tr		0.5				Q+C,Q	4
K-10-167	77.00	79.00	2.00	537287	MON	POT	ARG			s		tr		1				Q+C,Q	2
K-10-167	79.00	81.00	2.00	537288	MON	POT				s		w		0.5				Q+C,Q	2
K-10-167	81.00	83.00	2.00	537289	MON	POT				s		tr		1				Q+C,Q	2
K-10-167	83.00	85.10	2.10	537290	MON	POT	ARG			s		m		tr				Q+C,Q	2
K-10-167	85.10	87.00	1.90	537291	MD	CL						tr		tr				Q+C,Q	2
K-10-167	87.00	89.00	2.00	537292	MD	CL						tr		tr				Q+C,Q	2
K-10-167	89.00	91.80	2.80	537293	MD	CL						tr		tr				Q+C,Q	2
K-10-167	91.80	93.00	1.20	537294	MON	ARG	SER		tr			tr		tr				Q+C,Q	2
K-10-167	93.00	95.00	2.00	537296	MON	ARG	SER					tr		tr				Q+C,Q	2
K-10-167	95.00	97.25	2.25	537297	MON							tr		tr				Q+C,Q	2
K-10-167	97.25	99.36	2.11	537298	MD	POT	ARG			s		tr		tr				Q+C,Q	1
K-10-167	99.36	101.00	1.64	537299	MON	POT				s		tr		tr				Q+C,Q	2
K-10-167	101.00	103.00	2.00	537300	MON	POT	ARG			s		tr		tr				Q+C,Q	2
K-10-167	103.00	105.00	2.00	537301	MON	POT	ARG			s		tr		tr				Q+C,Q	4
K-10-167	105.00	107.00	2.00	537302	MON	POT				s		tr		tr				Q+C,Q	3
K-10-167	107.00	109.00	2.00	537303	MON	POT				s		tr		tr				Q+C,Q	3
K-10-167	109.00	111.00	2.00	537304	MON	POT				s		tr		1				Q+C,Q	3
K-10-167	111.00	112.90	1.90	537305	FTZ	POT				s		tr		2				Q+C,Q	3
K-10-167	112.90	114.00	1.10	537306	FTZ	POT				s		tr		2					
K-10-167	114.00	116.00	2.00	537307	FTZ	POT				s		tr		1					
K-10-167	116.00	118.00	2.00	537308	FTZ	POT				s		tr		2		tr			
K-10-167	118.00	120.00	2.00	537309	FTZ	POT				s		tr		3					
K-10-167	120.00	122.00	2.00	537311	FTZ	POT				s				3					
K-10-167	122.00	124.00	2.00	537312	FTZ	POT				s				3					
K-10-167	124.00	126.00	2.00	537313	FTZ	ARG				w				1					
K-10-167	126.00	128.00	2.00	537314	FTZ	POT				m				1					
K-10-167	128.00	130.00	2.00	537315	FTZ	ARG				w		tr		1					
K-10-167	130.00	132.00	2.00	537316	FTZ	POT				w				1					

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-167	132.00	134.00	2.00	537317	FTZ	POT				w				1					
K-10-167	134.00	136.00	2.00	537318	FTZ	POT				s				1					
K-10-167	136.00	137.20	1.20	537319	FTZ	POT				s				2					
K-10-167	137.20	139.00	1.80	537320	TBRX	POT								tr					
K-10-167	139.00	141.00	2.00	537321	TBRX	POT						tr		tr					
K-10-167	141.00	143.00	2.00	537322	TBRX	POT								tr					
K-10-167	143.00	145.00	2.00	537323	TBRX	POT								tr					
K-10-167	145.00	147.00	2.00	537324	TBRX	POT								tr					
K-10-167	147.00	149.00	2.00	537326	TBRX	POT								tr					
K-10-167	149.00	151.00	2.00	537327	TBRX	POT				s				1				Q, Q+C	2
K-10-167	151.00	153.00	2.00	537328	TBRX	POT				m				tr				Q, Q+C	2
K-10-167	153.00	155.00	2.00	537329	TBRX	POT				s				tr				Q, Q+C	2
K-10-167	155.00	157.00	2.00	537330	TBRX	POT				s				tr					
K-10-167	157.00	159.00	2.00	537331	TBRX	POT				s		w		tr					
K-10-167	159.00	161.00	2.00	537332	TBRX	POT				s		m		tr					
K-10-167	161.00	163.00	2.00	537333	TBRX	POT				s		tr		tr					
K-10-167	163.00	165.00	2.00	537334	TBRX	POT				s		tr		tr					
K-10-167	165.00	167.00	2.00	537335	TBRX	POT				s		tr		tr					
K-10-167	167.00	169.00	2.00	537336	TBRX	POT				s		tr		tr				Q, Q+C	1
K-10-167	169.00	171.00	2.00	537337	TBRX	POT	ARG			s		tr		tr					
K-10-167	171.00	173.00	2.00	537338	TBRX	POT				s		tr		tr				Q, Q+C	5
K-10-167	173.00	175.00	2.00	537339	TBRX	POT				s		tr		tr					
K-10-167	175.00	177.00	2.00	537341	TBRX	POT				s		tr		tr					
K-10-167	177.00	179.00	2.00	537342	TBRX	POT				s				tr					
K-10-167	179.00	181.00	2.00	537343	TBRX	POT				s				tr				Q, Q+C	1
K-10-167	181.00	183.00	2.00	537344	TBRX	POT				s				tr					
K-10-167	183.00	185.00	2.00	537345	TBRX	POT				s				tr					
K-10-167	185.00	187.00	2.00	537346	TBRX	POT				s		tr		tr					
K-10-167	187.00	189.00	2.00	537347	TBRX	POT				s		tr		tr					
K-10-167	189.00	191.00	2.00	537348	TBRX	POT				s		tr		tr					
K-10-167	191.00	193.00	2.00	537349	TBRX	POT				s		tr		tr					
K-10-167	193.00	195.00	2.00	537350	TBRX	POT				s		tr		tr					
K-10-167	195.00	197.00	2.00	537351	TBRX	POT				s		tr		tr					
K-10-167	197.00	199.00	2.00	537352	TBRX	POT				s		m		tr					
K-10-167	199.00	201.00	2.00	537353	TBRX	POT				s		tr		tr					
K-10-167	201.00	203.00	2.00	537354	TBRX	POT				s		tr		tr					
K-10-167	203.00	205.30	2.30	537356	MON	POT				s		tr		tr					
K-10-167	205.30	207.00	1.70	537357	MON	POT				s		tr		tr					
K-10-167	207.00	209.00	2.00	537358	MON	POT				s		tr		tr				Q+C,Q	1
K-10-167	209.00	211.00	2.00	537359	MON	POT				s		tr		tr				Q+C,Q	1
K-10-167	211.00	213.00	2.00	537360	MON	POT				s		tr		tr				Q+C,Q	3
K-10-167	213.00	215.00	2.00	537361	MON	POT				s		tr		tr				Q+C,Q	2
K-10-167	215.00	217.00	2.00	537362	MON	POT				s		tr		tr				Q+C,Q	1
K-10-167	217.00	219.00	2.00	537363	MON	POT				s		tr		tr				Q+C,Q	1
K-10-167	219.00	221.00	2.00	537364	MON	POT	ARG			s				tr					
K-10-167	221.00	223.00	2.00	537365	MON	POT	ARG			s				tr					
K-10-167	223.00	225.00	2.00	537366	MON	POT				s		tr		tr					
K-10-167	225.00	227.00	2.00	537367	MON	POT				s		tr		tr					

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-167	227.00	229.00	2.00	537368	MON	POT				s		tr		tr					
K-10-167	229.00	231.00	2.00	537369	MON	POT				s		tr		tr					
K-10-167	231.00	233.00	2.00	537371	MON	POT				s				tr					
K-10-167	233.00	235.00	2.00	537372	MON	POT				s				tr					
K-10-167	235.00	237.00	2.00	537373	MON	POT				s				tr					
K-10-167	237.00	239.00	2.00	537374	MON	POT				s				tr				Q, Q+C	2
K-10-167	239.00	241.00	2.00	537375	MON	POT				s				tr				Q, Q+C	2
K-10-167	241.00	243.00	2.00	537376	MON	POT				s				tr				Q, Q+C	2
K-10-167	243.00	245.00	2.00	537377	MON	POT				s				tr	tr		tr	Q, Q+C	2
K-10-167	245.00	247.00	2.00	537378	MON	POT				s				tr				Q, Q+C	2
K-10-167	247.00	249.90	2.90	537379	FPY	ARG								tr				Q, Q+C	2
K-10-167	249.90	252.00	2.10	537380	FPY	ARG								tr					
K-10-167	252.00	254.00	2.00	537381	FPY	ARG								tr					
K-10-167	254.00	256.00	2.00	537382	FPY	ARG								tr					
K-10-167	256.00	258.00	2.00	537383	FPY	ARG								tr					
K-10-167	258.00	260.00	2.00	537384	FPY	ARG								tr					
K-10-167	260.00	261.90	1.90	537386	FPY	ARG								tr					
K-10-167	261.90	264.00	2.10	537387	TBRX	POT				s				tr					
K-10-167	264.00	266.00	2.00	537388	TBRX	POT				s				tr					
K-10-167	266.00	268.00	2.00	537389	TBRX	POT				s				tr					
K-10-167	268.00	270.05	2.05	537390	TBRX	POT				m				tr					

HOLE ID	FROM	TO	LENGTH (m)	DESCRIPTION
K-10-168	0.00	36.50	36.50	Overburden
K-10-168	36.50	42.28	5.78	Monzonite. Highly fractured with patches of strong POT or strong PROP alteration. Black-grey clay alteration along fractures and 1% Q/C veins. Tr disseminated PY.
K-10-168	42.28	47.90	5.62	Tectonic breccia. Highly fractured with clay cement/matrix. Trace MO in Q veins (5%) and tr disseminated PY.
K-10-168	47.90	65.77	17.87	Monzonite porphyry. Strong and semi-texture destructive k-spar and biotite alteration. 1m broken zones. 1% Q/C veins and tr PY.
K-10-168	65.77	99.67	33.90	Same as above with the addition of strong clay alteration and 1% PY (sooty/metallic). Also weak propylitic alteration.
	EOH			

HOLE#	FROM	TO	LENGTH (m)	Sample #	Lithology	Primary Alteration	Secondary Alteration	Propylitic	Sericite	Potassic	Albite	Hematite	Magnetite	PY %	CP %	BN %	MO %	VEIN TYPE	%
K-10-168	36.50	38.00	1.50	539462	MON	POT				s				tr				Q/C	1
K-10-168	38.00	40.00	2.00	539463	MON	POT				s				tr				Q/C	1
K-10-168	40.00	42.28	2.28	539464	MON	POT		s		s				tr				Q/C	1
K-10-168	42.28	44.00	1.72	539466	TBRX	CLAY								tr				Q	3
K-10-168	44.00	46.00	2.00	539467	TBRX	POT	CLAY			s				tr			tr	Q	5
K-10-168	46.00	47.90	1.90	539468	TBRX	CLAY								tr				Q	5
K-10-168	47.90	50.00	2.10	539469	MONP	POT				s				tr				Q/C	1
K-10-168	50.00	52.00	2.00	539470	MONP	POT				s				tr				Q/C	1
K-10-168	52.00	54.00	2.00	539471	MONP	POT				s				tr				Q/C	1
K-10-168	54.00	56.00	2.00	539472	MONP	POT				s				tr				Q/C	1
K-10-168	56.00	58.00	2.00	539473	MONP	POT				s				tr				Q/C	1
K-10-168	58.00	60.00	2.00	539474	MONP	POT				s				tr				Q/C	1
K-10-168	60.00	62.00	2.00	539475	MONP	POT				s				tr				Q/C	1
K-10-168	62.00	64.00	2.00	539476	MONP	POT				s				tr				Q/C	1
K-10-168	64.00	66.00	2.00	539477	MONP	POT				s				tr				Q/C	1
K-10-168	66.00	67.55	1.55	539478	MONP	POT	CLAY	w		s				1				Q/C	1
K-10-168	67.55	70.00	2.45	539479	MONP	POT	CLAY	w		s				1				Q/C	1
K-10-168	70.00	72.00	2.00	539481	MONP	POT	CLAY	w		s				1				Q/C	1
K-10-168	72.00	74.00	2.00	539482	MONP	POT				s				1				Q/C	1
K-10-168	74.00	76.00	2.00	539483	MONP	POT				s				1				Q/C	1
K-10-168	76.00	78.00	2.00	539484	MONP	POT				s				1				Q/C	1
K-10-168	78.00	80.00	2.00	539485	MONP	POT				s				1				Q/C	1
K-10-168	80.00	82.00	2.00	539486	MONP	POT				s				1				Q/C	1
K-10-168	82.00	84.00	2.00	539487	MONP	POT				s				1				Q/C	1
K-10-168	84.00	86.00	2.00	539488	MONP	POT				s				1				Q/C	1
K-10-168	86.00	88.00	2.00	539489	MONP	POT				s				1				Q/C	1
K-10-168	88.00	90.00	2.00	539490	MONP	POT				s				1				Q/C	1
K-10-168	90.00	92.00	2.00	539491	MONP	POT				s		m		1				Q/C	1
K-10-168	92.00	94.00	2.00	539492	MONP	POT		w		s		m		1	tr			Q/C	1
K-10-168	94.00	96.00	2.00	539493	MONP	POT		w		s		m		1				Q/C	1
K-10-168	96.00	98.00	2.00	539494	MONP	POT		w		s		m		1				Q/C	1
K-10-168	98.00	99.67	1.67	539496	MONP	POT		w		s		m		1	tr			Q/C	1



50,000 mE

351,000 mE

352,000 mE

353,000 mE

354,000 mE

6,158,000 mN

6,157,000 mN

6,156,000 mN

6,155,000 mN

6,154,000 mN

6,153,000 mN

6,152,000 mN

6,158,000 mN

6,157,000 mN

6,156,000 mN

6,155,000 mN

6,154,000 mN

6,153,000 mN

6,152,000 mN

1,800 N

1,275 N

900 N

525 N

400 N

300 N

150 N

50 N

225 S

650 S

725 S

850 S

1,000 S

1,100 S

1,250 S

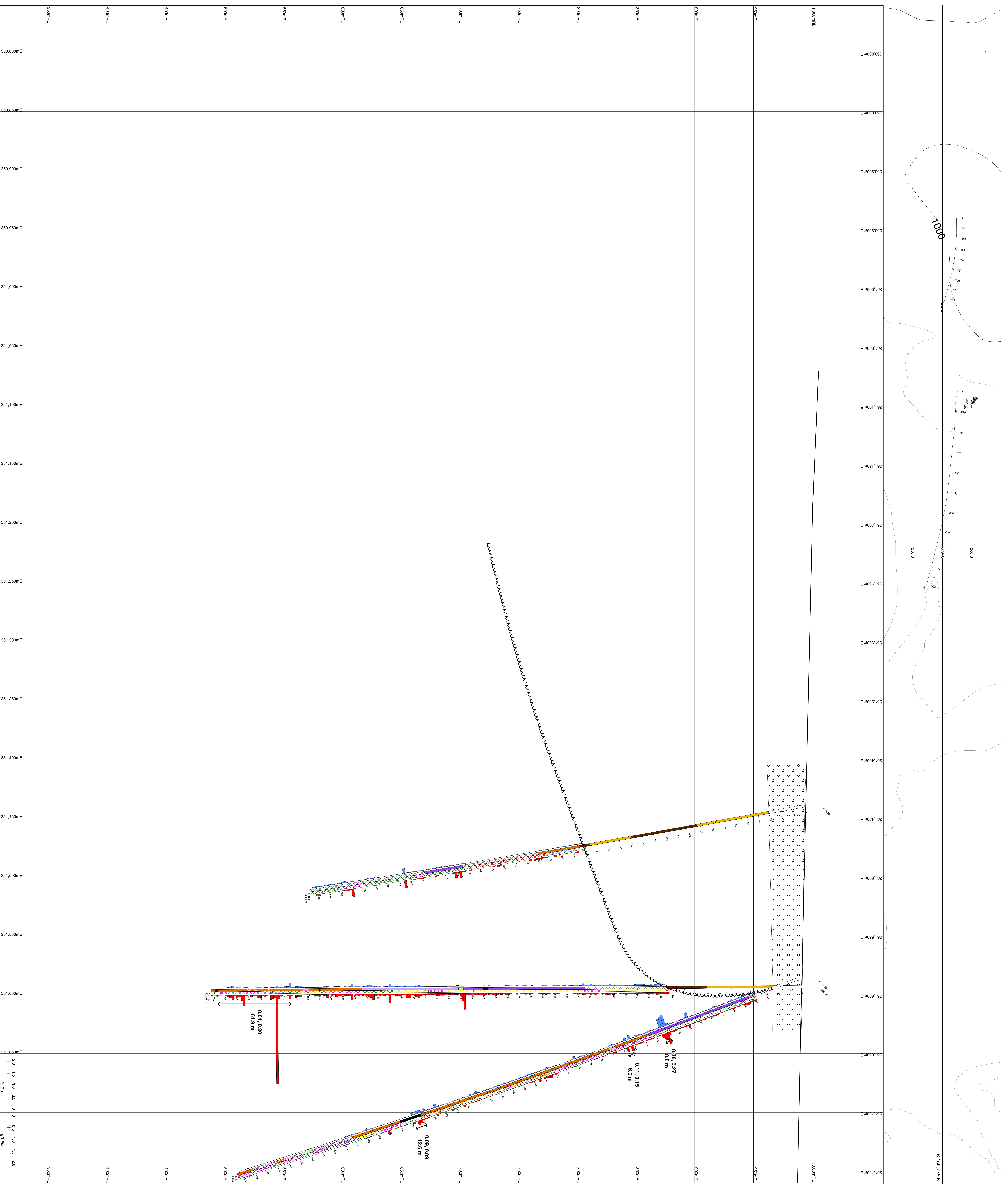
1,400 S

1,500 S

1,600 S

2,225 S





Lithology

- 1. Overburden
- 2. Syenite
- 3. Andesite
- 3a. Andesite Dyke
- 3b. Andesite Breccia
- 25. Tertiary Andesite Dyke
- 4. Quartz Diorite
- 5. Quartz monzonite, granite, granodiorite
- 6. Fulli Shear Zone
- 7. Porphyritic Quartz Monzonite
- 8. Magnetite Sulphide Vein
- 9. Monzonite
- 9a. Monzonite Dike
- 9b. Monzonite Breccia
- 9c. Monzonite (Two Feldspar Phenocrysts)
- 10. Quartz Vein
- 11. Rhyolite
- 12. Diabase
- 13. Feldspar Porphyry Dyke
- 14. Microdiorite
- 14a. Macrodiortite Breccia
- 15. Diorite
- 16. Gabbro
- 17. Hydrothermal Breccia
- 17a. Hornfels Breccia
- 18. Conglomerate
- 19. Sandstone
- 21. Mudstone
- 21. Macrodiortite Dike
- 22. Inhermalite Flow/Sill
- 23. Trachyte
- 24. Sedimentary Breccia

Alteration

- 1. Fresh
- 2. Weak Propylitic
- 3. Moderate to Strong Propylitic
- 4. Potassic
- 5. Silica
- 6. Serpentinic
- 7. Albitic
- 8. Turbansite
- 9. Hematite
- 10. Agentic

Geologic Contact

- 0.8% Cu Equivalent
- 0.2% Cu Equivalent

Other

- Geologic Contact

Scale

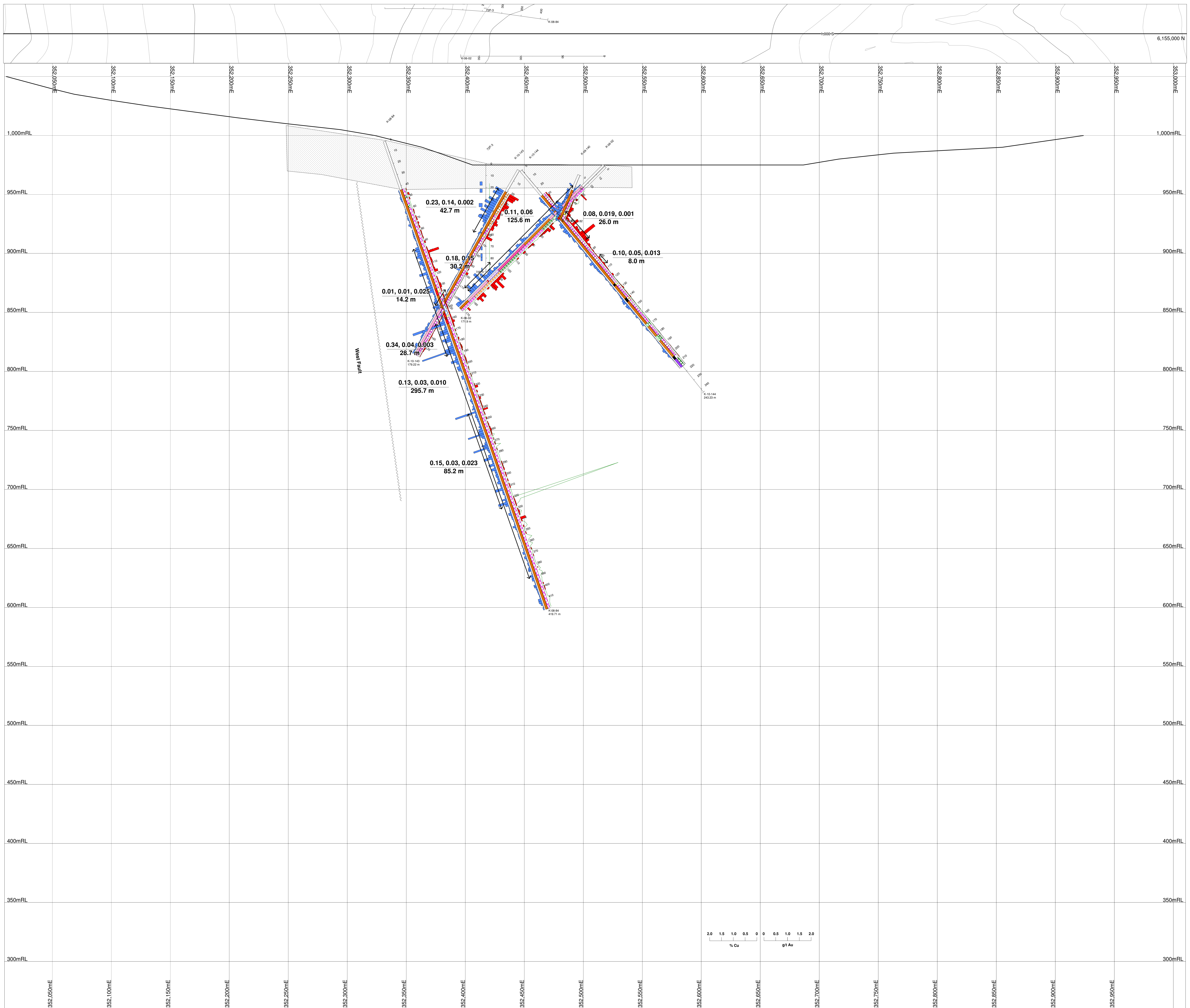
0 25 50 metres

Geographic Coordinates

6,155,725 N
351,650 E

Scale

0 25 50 metres



LEGEND

Lithology

- Overburden
- Syenite
- Andesite
- Andesite Dyke
- Andesite Breccia
- Tertiary Andesite Dyke
- Quartz Diorite
- Quartz monzonite, granite, granodiorite
- Fault, Shear Zone
- Porphyritic Quartz Monzonite
- Magnetite Sulphide Vein
- Monzonite
- Monzonite Dyke
- Monzonite Breccia
- Monzonite (Two Feldspar Phenocrysts)
- Quartz Vein
- Rhyolite
- Dacite
- Feldspar Porphyry Dyke
- Microdiorite
- Microdiorite Breccia
- Diorite
- Gabbro
- Hydrothermal Breccia
- Hematite Breccia
- Conglomerate
- Sandstone
- Monzodiorite
- Monzodiorite Dyke
- Intermediate Flow/Sill
- Trachyte
- Sedimentary Breccia

Alteration

- Fresh
- Weak Propylitic
- Moderate to Strong Propylitic
- Potassic
- Silica
- Sericitic
- Albitic
- Tourmaline
- Hematite
- Argillic

Geologic Contact
 0.6% Cu Equivalent
 0.2% Cu Equivalent

Hole ID

Lithology
 Alteration
 Au (g/t) Histogram
 Cu (%) Histogram
 Mo (%) Histogram
 Scale: 1:1000 Projection: Non Earth (meters)

% Cu, g/t Au, % Mo metres

EDH

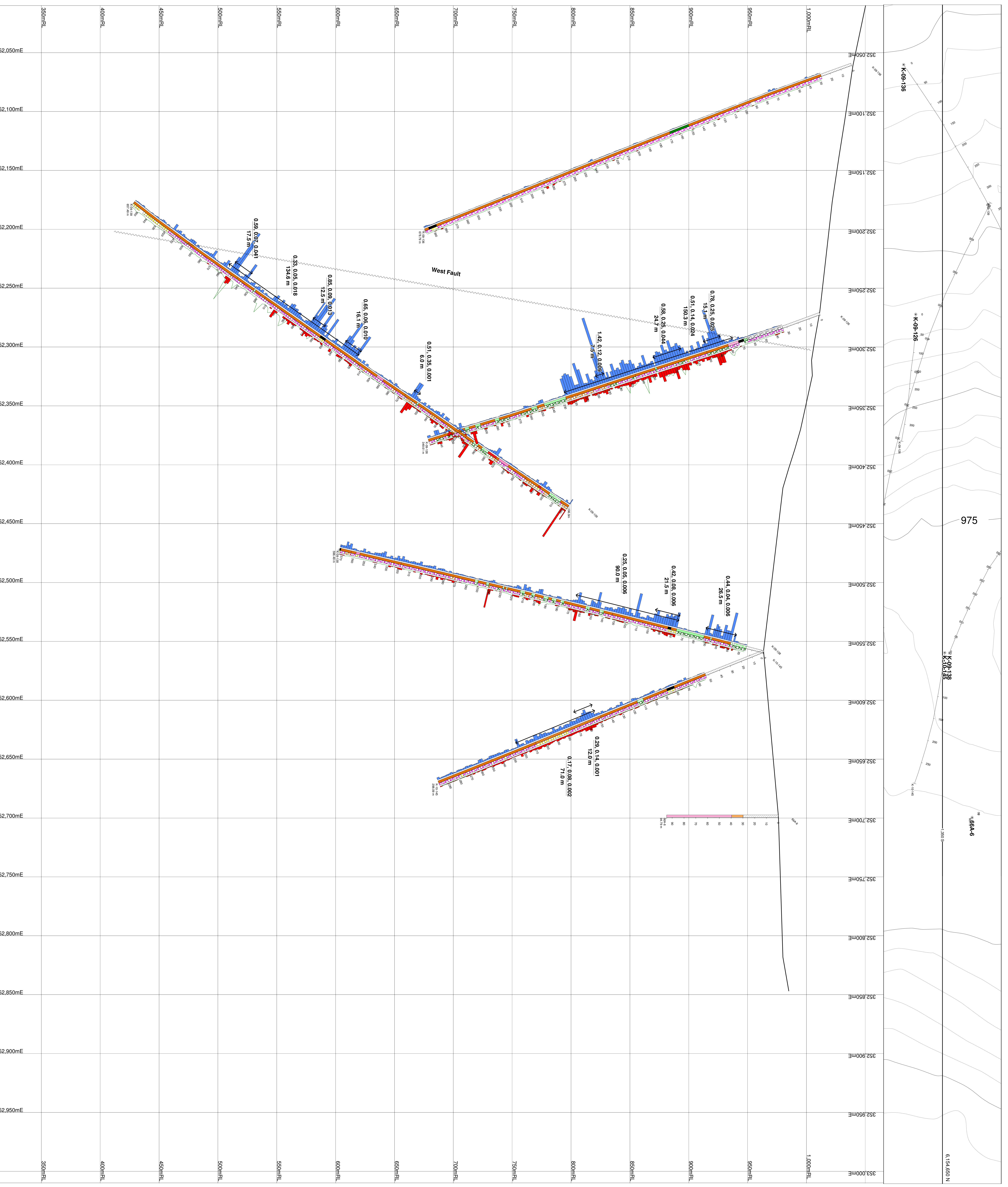
SERENGETI RESOURCES INC.
 Kwanika Project

02/12/2010

**Cross Section
 +/- 50 m Envelope
 1,000 S**

Scale: 1:1000 Projection: Non Earth (meters)

0 25 50 metres



LEGEND

Lithology

- 1. Overburden
- 2. Granite
- 3. Andesite
- 3a. Andesite Dyke
- 3b. Andesite Dyke
- 3c. Andesite Dyke
- 3d. Tertiary Andesite Dyke
- 4. Quartz Dolerite
- 5. Quartz monzonite, granite, granodiorite
- 6. Fault, Shear Zone
- 7. Porphyritic Quartz Monzonite
- 8. Magnetite Sphalerite Vein
- 9. Monzonite
- 9a. Monzonite Dyke
- 9b. Monzonite Dyke
- 9c. Monzonite Breccia
- 9d. Monzonite (Two Felspar Phenocrysts)
- 10. Quartz Vein
- 11. Rhyolite
- 12. Dolomite
- 13. Feldspar Porphyry Dyke
- 14. Microdiorite
- 14a. Microdiorite Breccia
- 15. Dolomite
- 16. Gabbro
- 17. Hydrothermal Breccia
- 17a. Hematite Breccia
- 18. Conglomerate
- 19. Sandstone
- 21. Mudstone
- 21. Mudstone Dyke
- 22. Intermediate Fine-Silt
- 23. Tuffite
- 24. Secondary Breccia

Attribution

- 1. Fresh
- 2. Weak Proximal
- 3. Moderate to Strong Proximal
- 4. Proximal
- 5. Silica
- 6. Serpentine
- 7. Albite
- 8. Tourmaline
- 9. Hematite
- 10. Magnetite

Geologic Contact

- 0.6% Cu Equivalent
- 0.2% Cu Equivalent

Other

- Open Pit

Scale

0 20 40 metres

Metadata

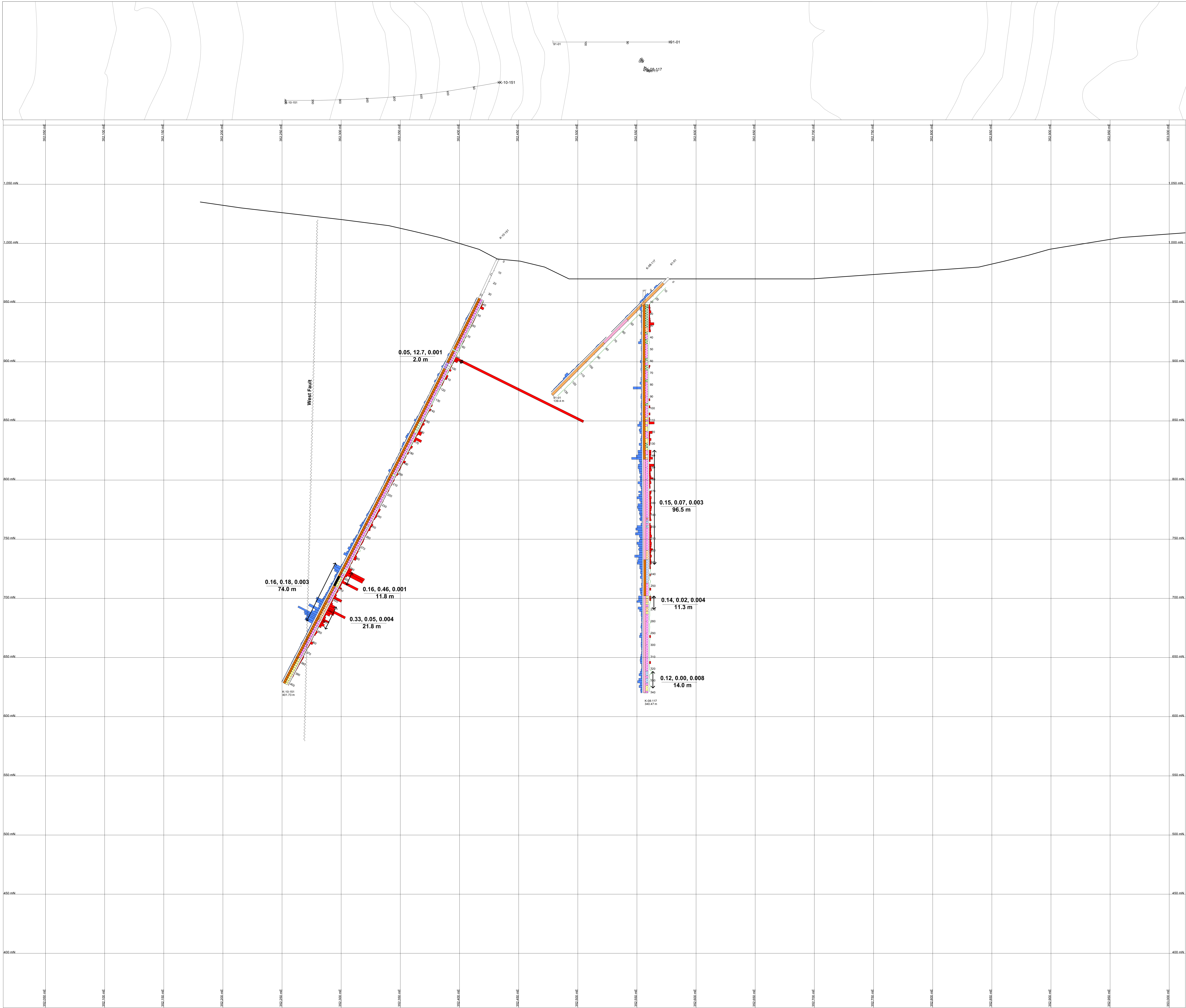
Project: Serengeti Resources Inc. - Cross Section +50 m Envelope

Date: 2023-10-26

Author: [Name]

Scale: 1:350 S

Projection: NAD 83 UTM



LEGEND

Lithology

- 1. Overburden
- 2. Syenite
- 3. Andesite
- 3a. Andesite Dyke
- 3b. Andesite Breccia
- 25. Tertiary Andesite Dike
- 4. Quartz Diorite
- 5. Quartz monzonite, granite, granodiorite
- 6. Fault, Shear Zone
- 7. Porphyritic Quartz Monzonite
- 8. Magnetite Sulphide Vein
- 9. Monzonite
- 9a. Monzonite Dike
- 9b. Monzonite Breccia
- 9c. Monzonite (Two Feldspar Phenocrysts)
- 10. Quartz Vein
- 11. Rhyolite
- 12. Dacite
- 13. Feldspar Porphyry Dyke
- 14. Microdiorite
- 14a. Microdiorite Breccia
- 15. Diorite
- 16. Gabbro
- 17. Hydrothermal Breccia
- 17a. Hematite Breccia
- 18. Conglomerate
- 19. Sandstone
- 21. Monzodiorite
- 21. Monzodiorite Dike
- 22. Intermediate Flow/Sill
- 23. Trachyte
- 24. Sedimentary Breccia

Alteration

- 1. Fresh
- 2. Weak Propylitic
- 3. Moderate to Strong Propylitic
- 4. Potassic
- 5. Silica
- 6. Sericitic
- 7. Albitic
- 8. Tourmaline
- 9. Hematite
- 10. Argillic

Geologic Contact
 0.6% Cu Equivalent
 0.2% Cu Equivalent

Legend
 Lithology
 Alteration
 Au (g/t)
 Ni (g/t)
 Cu (%)
 Ni (g/t)
 Mo (%)
 Length
 0.02 mm/unit at 1:1000
 0.002 mm/unit at 1:1000
 100 mm/unit at 1:1000

% Cu, g/t Au, % Mo metres
 EOH

SERENGETI RESOURCES INC.

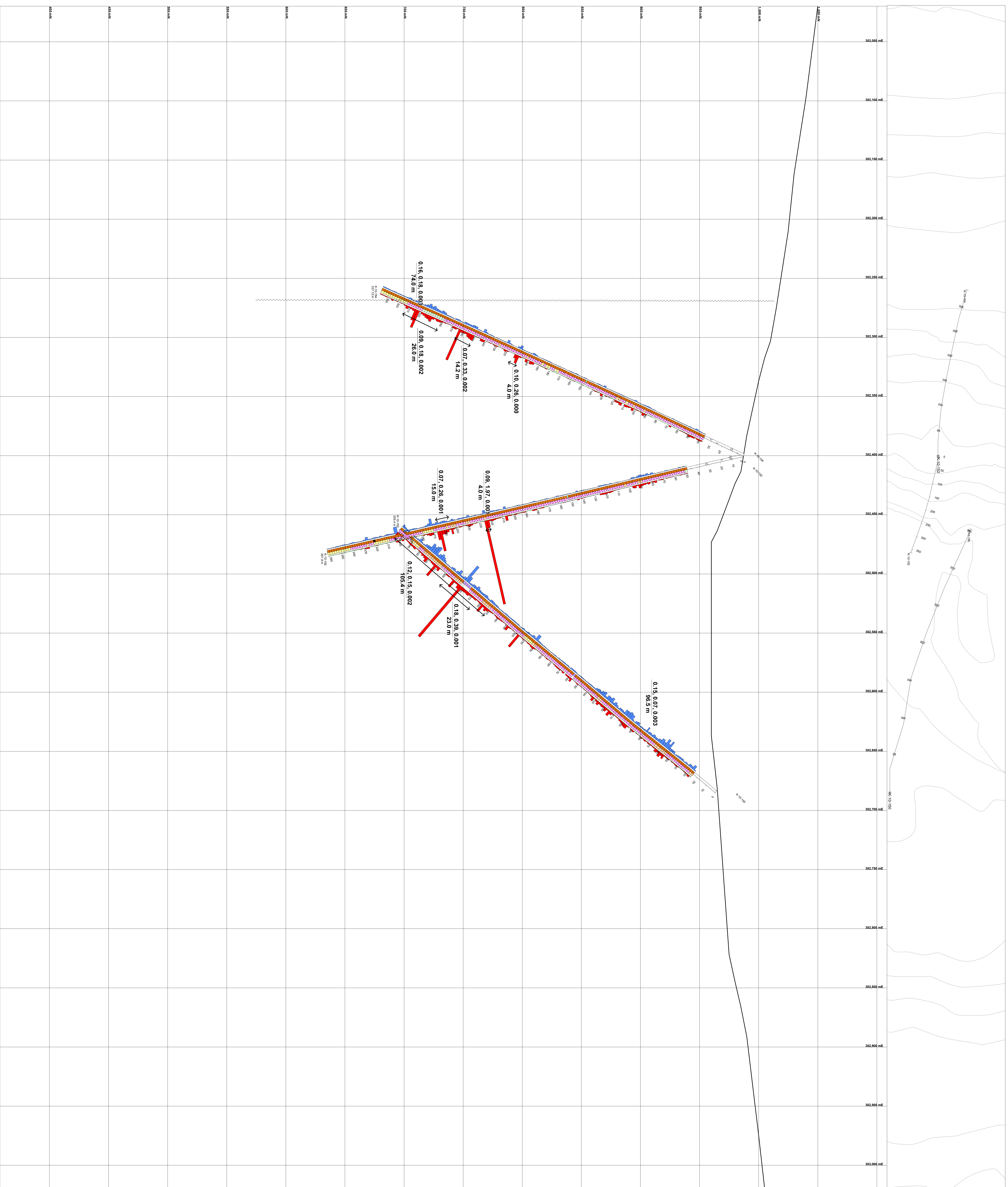
Kwanika Project

**Cross Section
 +/- 50 m Envelope**

1,600S

Date: 02/12/2010
 Author:
 Office:
 Drawing:
 Scale: 1:1000
 Projection: Non-Earth (metres)

0 25 50 metres



LEGEND

Lithology

- 1. Overburden
- 2. Syenite
- 3. Andesite
- 3a. Andesite Dyke
- 3b. Andesite Breccia
- 25. Tertiary Andesite Dyke
- 4. Quartz Diorite
- 5. Quartz monzonite, granite, granodiorite
- 6. Fault, Shear Zone
- 7. Porphyritic Quartz Monzonite
- 8. Magnetite Sulfide Vein
- 9. Monzonite
- 9a. Monzonite Dyke
- 9b. Monzonite Breccia
- 9c. Monzonite (Two Feldspar Phenocrysts)
- 10. Quartz Vein
- 11. Rhyolite
- 12. Diabase
- 13. Feldspar Porphyry Dyke
- 14. Microdiorite
- 14a. Microdiorite Breccia
- 15. Diorite
- 16. Gabbro
- 17. Hydrothermal Breccia
- 17a. Hematite Breccia
- 18. Conglomerate
- 19. Sandstone
- 21. Microconglomerate
- 21. Monzonite Dyke
- 22. Intermediate Fels/Silt
- 23. Tephrite
- 24. Sedimentary Breccia

Alteration

- 1. Fresh
- 2. Weak Propylitic
- 3. Moderate to Strong Propylitic
- 4. Potassic
- 5. Silica
- 6. Sericite
- 7. Albite
- 8. Tourmaline
- 9. Hematite
- 10. Argillic

- Geologic Contact
- 0.6% Cu Equivalent
- 0.2% Cu Equivalent

Hold

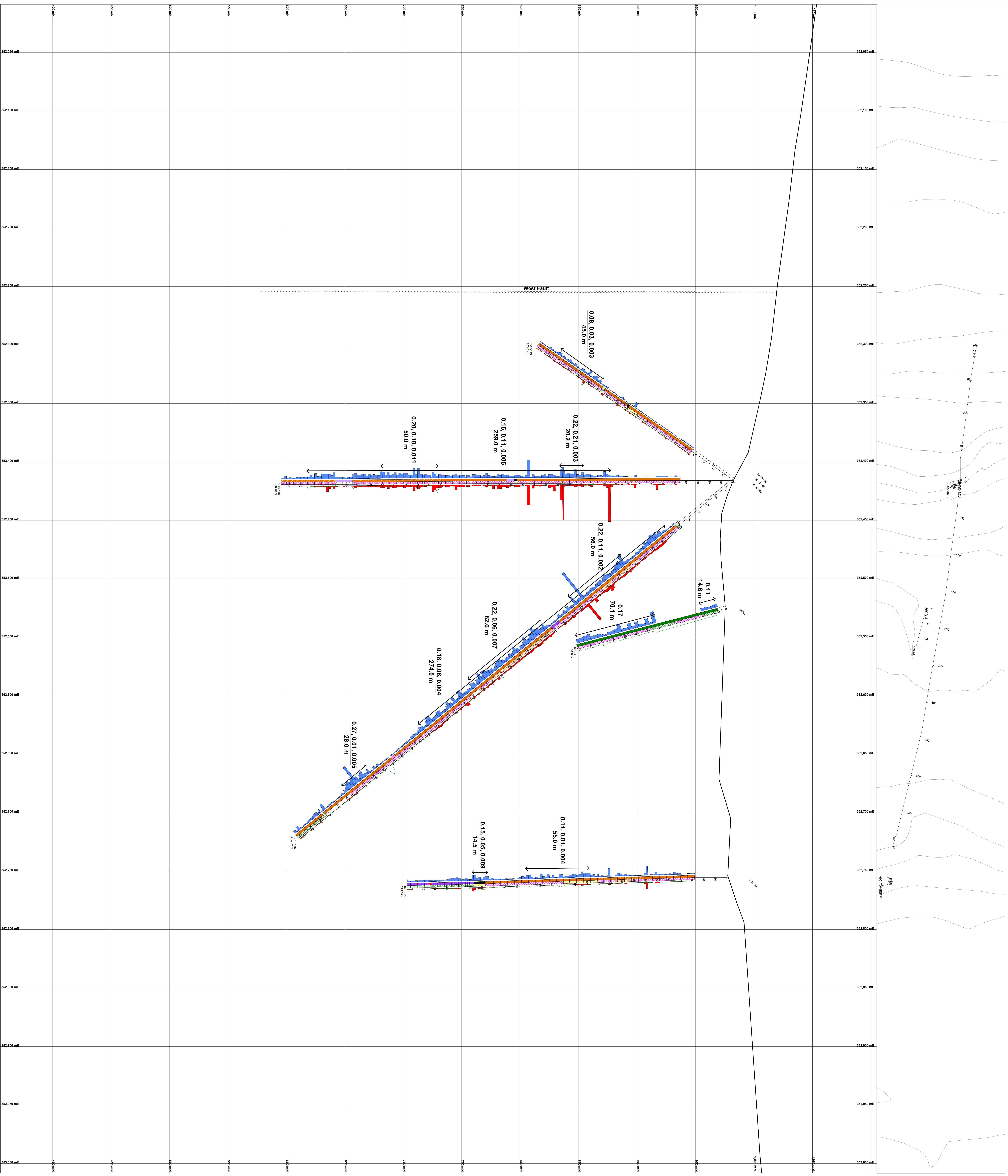
Lithology: Metres
 Alteration: Metres

Scale: 1:1000
 Date: 11/08/2008
 Author: J. G. ...
 Title: ...
 Project: ...

SERENGETI RESOURCES INC.
 Kwanika Project

Cross Section
 +/- 50 m Envelope
 1,750 S

Scale: 1:1000
 Date: 11/08/2008



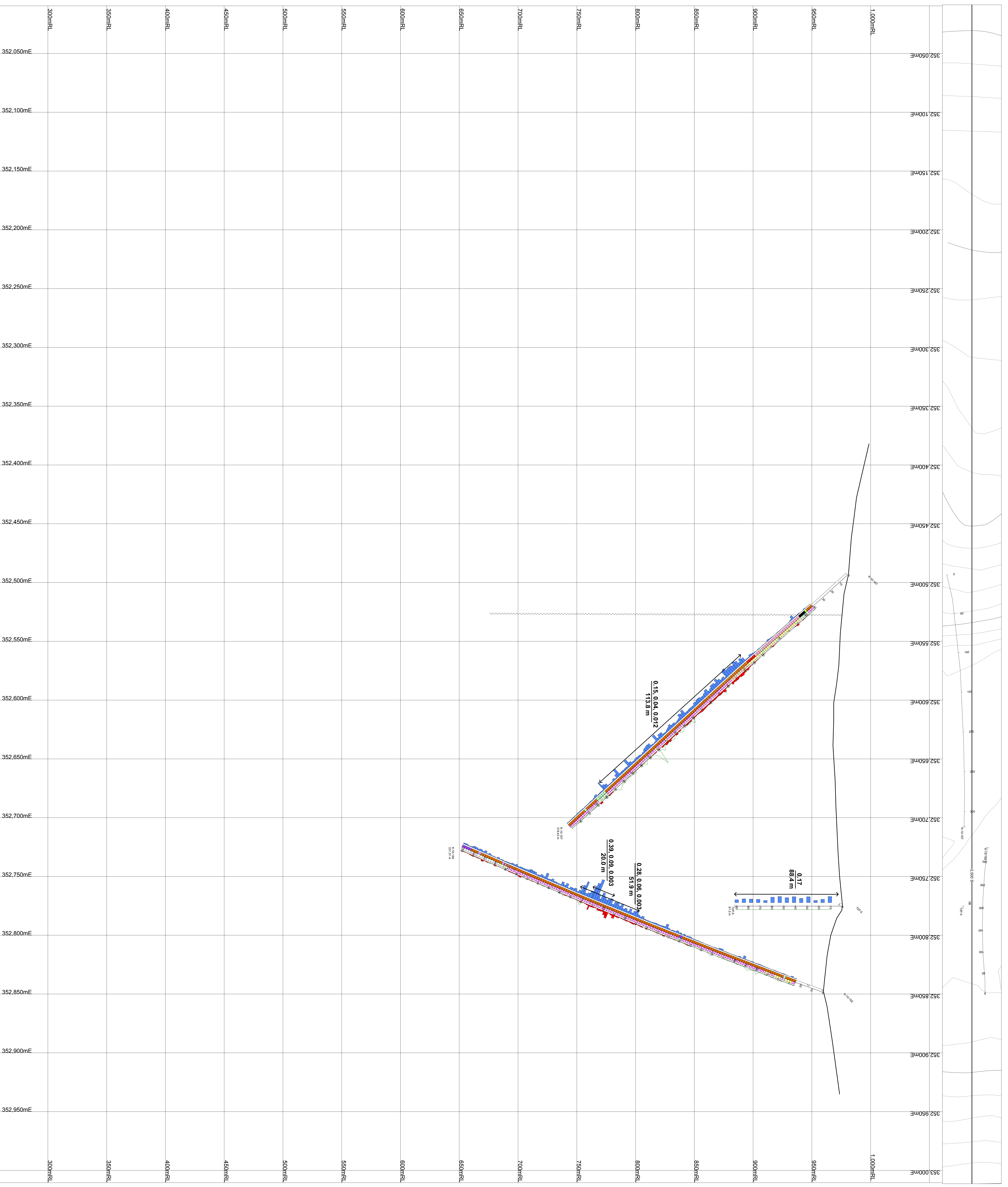
LEGEND

- Lithology**
- 1. Overburden
 - 2. Syncline
 - 3. Andesite
 - 3a. Andesite Dyke
 - 3b. Andesite Breccia
 - 25. Tertiary Andesite Dyke
 - 4. Quartz Dyke
 - 5. Quartz monzonite gneiss, granodiorite
 - 6. Fault, Shear Zone
 - 7. Porphyritic Quartz Monzonite
 - 8. Magnetite Sulphide vein
 - 9. Monzonite
 - 9a. Monzonite Dyke
 - 9b. Monzonite Breccia
 - 9c. Monzonite (Two stages (Porphyry))
 - 10. Quartz Vein
 - 11. Rhyolite
 - 12. Diabase
 - 13. Feldspar Porphyry Dyke
 - 14. Microdiorite
 - 14a. Microdiorite Breccia
 - 15. Diorite
 - 16. Gabbro
 - 17. Hydrothermal Breccia
 - 17a. Hornfels Breccia
 - 18. Conglomerate
 - 19. Sandstone
 - 21. Monzonite
 - 21. Monzonite Dyke
 - 22. Intermediate Flow/Sill
 - 23. Trachyte
 - 24. Sedimentary Breccia
- Alteration**
- 1. Fresh
 - 2. Weak Propylitic
 - 3. Moderate to Strong Propylitic
 - 4. Potassic
 - 5. Silica
 - 6. Serpentine
 - 7. Albite
 - 8. Tourmaline
 - 9. Hematite
 - 10. Argillic
- Geologic Contact**
- 0.8% Cu Equivalent
 - 0.2% Cu Equivalent
- Head**
- CU (%) 0.02 to 0.04 at 1:1000
 Au (g/t) 0.02 to 0.04 at 1:1000
 Ag (g/t) 0.02 to 0.04 at 1:1000
 Mo (g/t) 0.02 to 0.04 at 1:1000
 Ni (g/t) 0.02 to 0.04 at 1:1000
 Pb (g/t) 0.02 to 0.04 at 1:1000
 Zn (g/t) 0.02 to 0.04 at 1:1000
- % Cu, g/t Au, % Mo meters**

SERENGETI RESOURCES INC.
 Kivwinka Project
 Cross Section
 +/- 55 m Envelope
 2000 S

Date: 03/12/2010
 Author: [Name]
 Drawing: [Name]
 Project: [Name]

Scale: 1:1000
 Projection: UTM East Africa
 Datum: WGS 84
 Units: Meters



No. 475206

Kennecott Project

02/12/2010

Cross Section

+/- 25 m Envelope

2,500 S

Author: [Blank]

Checked: [Blank]

Drawn: [Blank]

Scale: 1:500

Projection: North Carolina

0 25 50 meters

LEGEND

Lithology

- 1 Overburden
- 2 Spentite
- 3 Andesite
- 3a Andesite Dyke
- 3b Andesite Breccia
- 25 Tertiary Andesite Dyke
- 4 Quartz Diorite
- 5 Quartz monzonite, granite, granodiorite
- 6 Fault Shear Zone
- 7 Propylitic Quartz Monzonite
- 8 Magnetite Sulphide Vein
- 9 Monzonite
- 9a Monzonite Dyke
- 9b Monzonite Breccia
- 9c Monzonite (Two Feldspar Phenocrysts)
- 10 Quartz Vein
- 11 Rhyolite
- 12 Diabase
- 13 Feldspar Porphyry Dyke
- 14 Microdiorite
- 14a Microdiorite Breccia
- 15 Diorite
- 16 Gabbro
- 17 Hydrothermal Breccia
- 17a Hematite Breccia
- 18 Conglomerate
- 19 Sandstone
- 21 Metadolomite
- 21 Monzonite Dyke
- 22 Intermediate Flow/Sill
- 23 Trachyte
- 24 Sedimentary Breccia

Alteration

- 1 Fresh
- 2 Weak Propylite
- 3 Moderate to Strong Propylite
- 4 Potassic
- 5 Silica
- 6 Sericite
- 7 Albitic
- 8 Tourmaline
- 9 Hematite
- 10 Apatite

Geologic Contact

- 0.8% Cu Equivalent
- 0.2% Cu Equivalent

Notes

Energy: American

Scale: 1:500

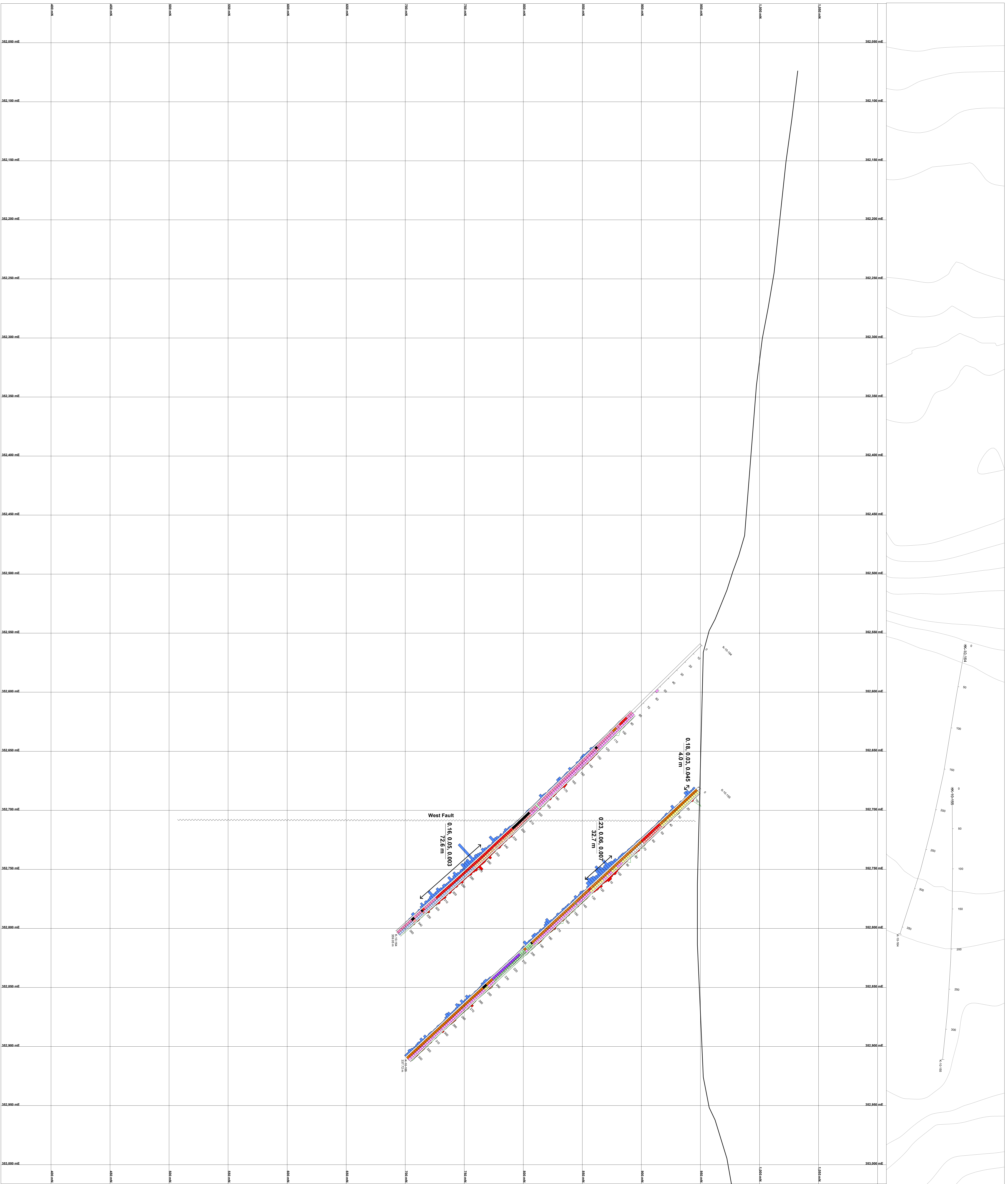
Projection: North Carolina

0 25 50 meters

% Cu, g/t Au, % Mo

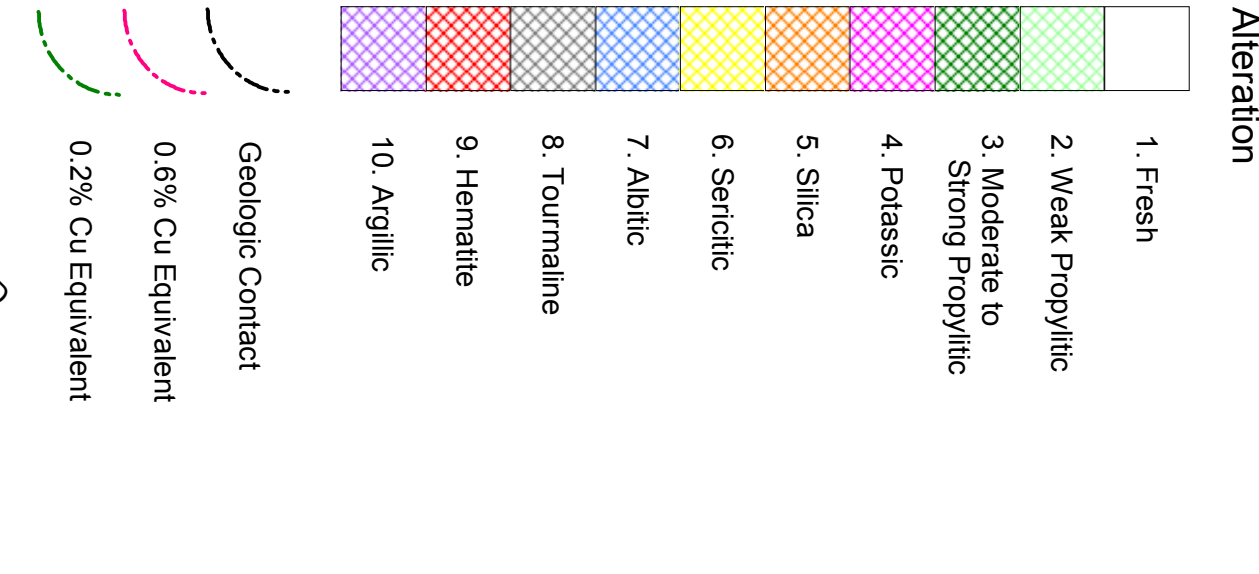
measures

TOH



LEGEND

- Lithology**
- 1. Overburden
 - 2. Syenite
 - 3. Andesite
 - 3a. Andesite Dyke
 - 3b. Andesite Breccia
 - 25. Tertiary Andesite Dyke
 - 4. Quartz Diorite
 - 5. Quartz monzonite, granite, granodiorite
 - 6. Fault, Shear Zone
 - 7. Porphyric Quartz Monzonite
 - 8. Magnetite Sulfide Vein
 - 9. Monzonite
 - 9a. Monzonite Dyke
 - 9b. Monzonite Breccia
 - 9c. Monzonite (Two Felsites Phenocrysts)
 - 10. Quartz Vein
 - 11. Rhyolite
 - 12. Diatrite
 - 13. Felsitic Porphyry Dyke
 - 14. Microdiorite
 - 14a. Microdiorite Breccia
 - 15. Diorite
 - 16. Gabbro
 - 17. Hydrothermal Breccia
 - 17a. Hematite Breccia
 - 18. Conglomerate
 - 19. Sandstone
 - 21. Monzonite
 - 21. Monzonite Dyke
 - 22. Intermediate Flow/Sill
 - 23. Trachyte
 - 24. Sphenocratic Breccia
- Alteration**
- 1. Fresh
 - 2. Weak Propylitic
 - 3. Moderate to Strong Propylitic
 - 4. Potassic
 - 5. Silica
 - 6. Sericite
 - 7. Albitic
 - 8. Tourmaline
 - 9. Hematite
 - 10. Argillic



Alteration

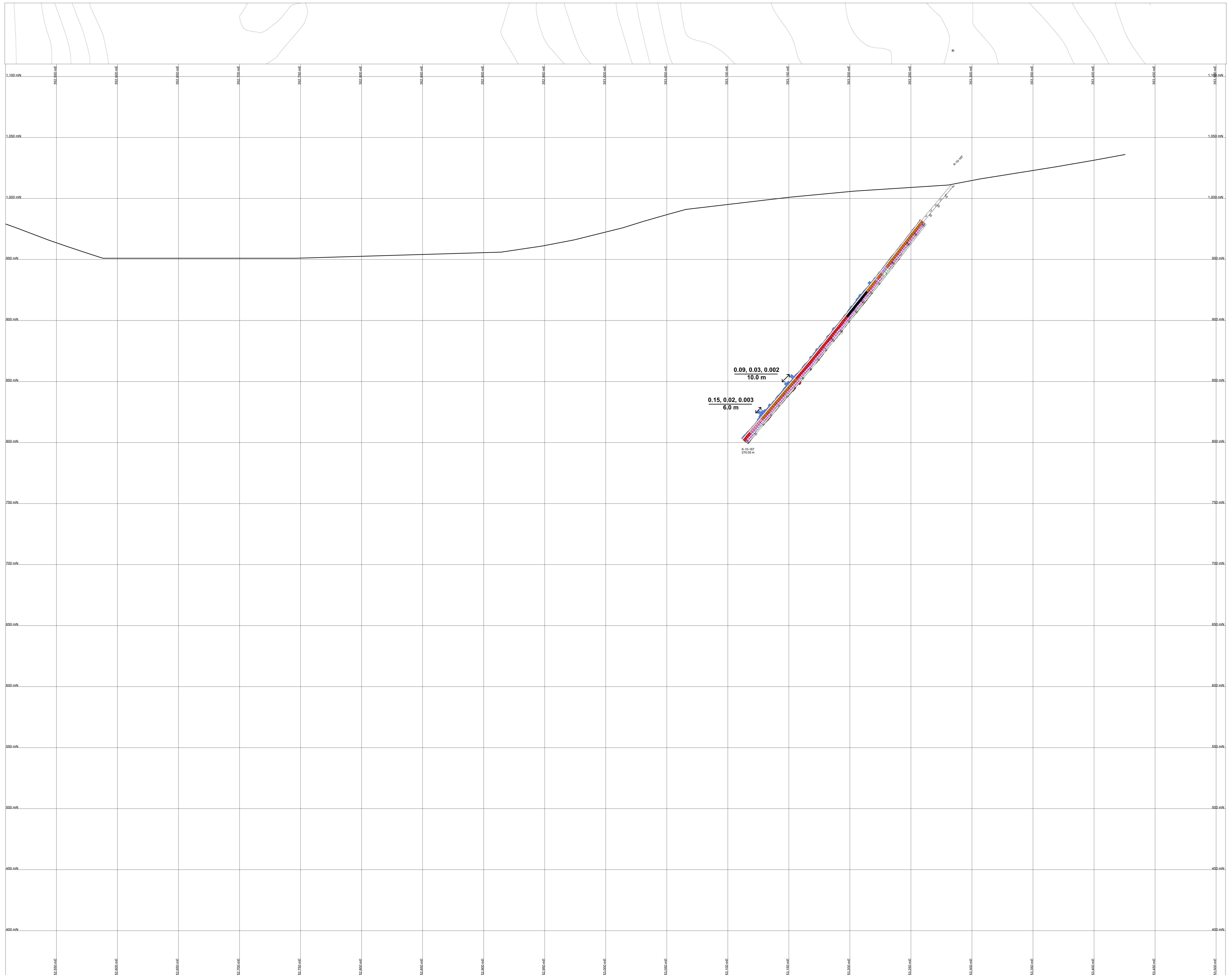
Alteration
 0.8% Cu Equivalent
 0.2% Cu Equivalent

% Cu, g/t Au, % Mo
 metres
 ECH

SERENGETI RESOURCES INC.
 Kyanella Project
 Cross Section
 +/- 50 m Envelope
 Z, T, O S

Scale: 1:100
 Project: V02-23 (Rev. 0)

0 25 50 metres



LEGEND

Lithology

- Overburden
- Syenite
- Andesite
- Andesite Dyke
- Andesite Breccia
- Tertiary Andesite Dike
- Quartz Diorite
- Quartz monzonite, granite, granodiorite
- Fault, Shear Zone
- Porphyritic Quartz Monzonite
- Magnetite Sulphide Vein
- Monzonite
- Monzonite Dike
- Monzonite Breccia
- Monzonite (Two Feldspar Phenocrysts)
- Quartz Vein
- Rhyolite
- Dacite
- Feldspar Porphyry Dyke
- Microdiorite
- Microdiorite Breccia
- Diorite
- Gabbro
- Hydrothermal Breccia
- Hematite Breccia
- Conglomerate
- Sandstone
- Monzodiorite
- Monzodiorite Dike
- Intermediate Flow/Sill
- Trachyte
- Sedimentary Breccia

Alteration

- Fresh
- Weak Propylitic
- Moderate to Strong Propylitic
- Potassic
- Silica
- Sericitic
- Albitic
- Tourmaline
- Hematite
- Argillic

Geologic Contact
 0.6% Cu Equivalent
 0.2% Cu Equivalent

Lithology: Au (g/t) Histogram 0.02 mm/cent at 1:1000
 Alteration: Cu (%) Histogram 0.002 mm/cent at 1:1000
 Mo (%) Histogram 100 mm/cent at 1:1000
 % Cu, g/t Au, % Mo
 metres
 EOH

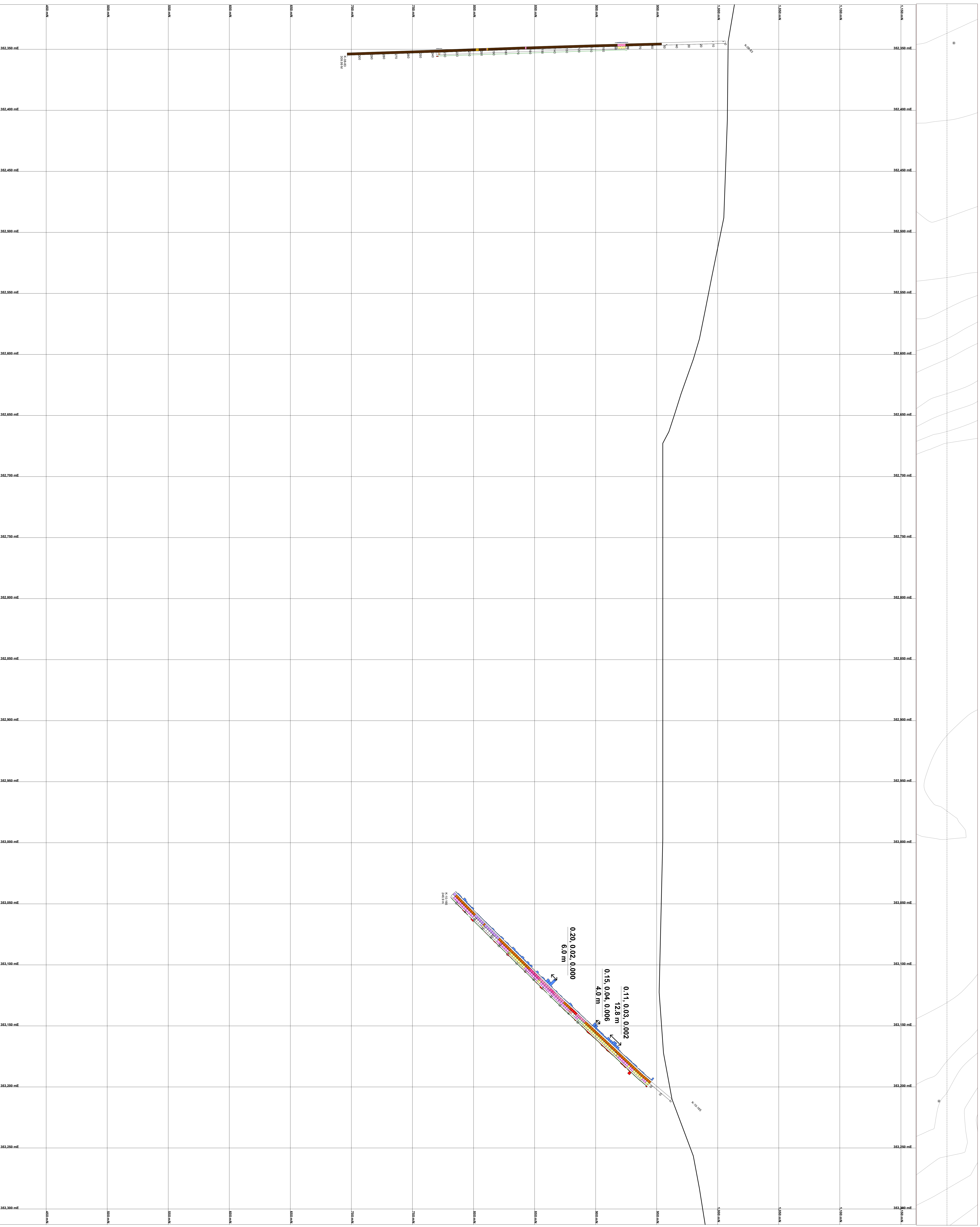
Serengeti Resources Inc

Kwanika Project

**Cross Section
 +/- 25 m Envelope
 2,950 S**

Date: 02/12/2010
 Data: 3/12/2010
 Author:
 Office:
 Drawing:
 Scale: 1:1000 Projection: Non-Earth (metres)

0 25 50 metres



LEGEND

Lithology

- 1 Overburden
- 2 Syenite
- 3 Andesite
- 3a Andesite Dyke
- 3b Andesite Breccia
- 25 Tertiary Andesite Dyke
- 4 Quartz Diorite
- 5 Quartz monzonitic granite granodiorite
- 6 Fault Shear Zone
- 7 Porphyric Quartz Monzonite
- 8 Magnetite Sulphide Vein
- 9 Monzonite
- 9a Monzonite Dyke
- 9b Monzonite Breccia
- 9c Monzonite (Two Felspar Phenocrysts)
- 10 Quartz Vein
- 11 Rhyolite
- 12 Dacite
- 13 Felspar Porphyry Dyke
- 14 Microdiorite
- 14a Microdiorite Breccia
- 15 Diorite
- 16 Gabbro
- 17 Hydrothermal Breccia
- 17a Hematite Breccia
- 18 Conglomerate
- 19 Sandstone
- 21 Monzonite
- 21 Monzonite Dyke
- 22 Intermediate Flow/Sill
- 23 Trachyte
- 24 Sideromorph Breccia

Alteration

- 1 Fresh
- 2 Weak Propylitic
- 3 Moderate to Strong Propylitic
- 4 Proximal
- 5 Silica
- 6 Serpentine
- 7 Amphibole
- 8 Tourmaline
- 9 Hematite
- 10 Argillic

Geologic Contact

- 0.6% Cu Equivalent
- 0.2% Cu Equivalent

Other

- 0.2% Cu, 0.01% Au, 0.005% Mo

Scale

0 25 50 metres

SERENGETI RESOURCES INC.

Kwanika Project

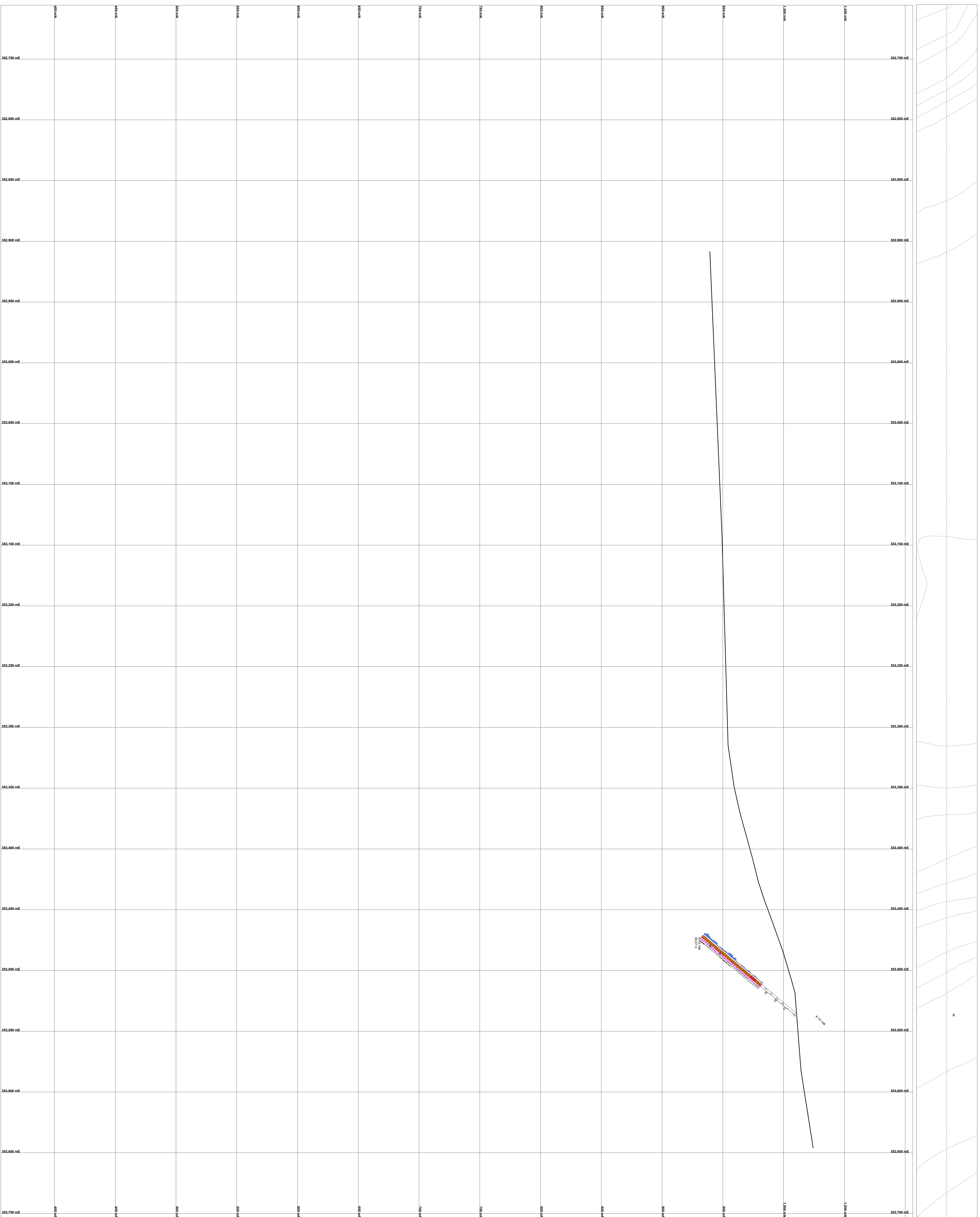
Cross Section

+/-28 m Envelope

3,200 S

Scale: 1:1000

Prepared: March 2010



LEGEND

Lithology

- 1. Overburden
- 2. Synite
- 3. Andesite
- 3a. Andesite Dyke
- 3b. Andesite Breccia
- 25. Tertiary Andesite Dyke
- 4. Quartz Diorite
- 5. Quartz monzonite, granitic, granodiorite
- 6. Fault, Shear Zone
- 7. Porphyritic Quartz Monzonite
- 8. Magnetite Sphinder Vein
- 9. Monzonite
- 9a. Monzonite Dyke
- 9b. Monzonite Breccia
- 9c. Monzonite (Two Feldspar Phenocrysts)
- 10. Quartz Vein
- 11. Rhyolite
- 12. Dacite
- 13. Felsitic Porphyry Dyke
- 14. Microdiorite
- 14a. Microdiorite Breccia
- 15. Diorite
- 16. Gabbro
- 17. Hydrothermal Breccia
- 17a. Hematite Breccia
- 18. Conglomerate
- 19. Sandstone
- 21. Monzonite
- 21. Monzonite Dyke
- 22. Intermediate Flow/Sill
- 23. Tachyite
- 24. Sedimentary Breccia

Alteration

- 1. Fresh
- 2. Weak Prophylic
- 3. Moderate to Strong Prophylic
- 4. Potassic
- 5. Silica
- 6. Serpentic
- 7. Albitic
- 8. Tourmaline
- 9. Hematite
- 10. Argillic

Geologic Contact

- 0.6% Cu Equivalent
- 0.2% Cu Equivalent

% Cu, g/t Au, % Mo

Scale: 1:1000
Projection: North East (NAD83)
Datum: NAD83
Units: Metres

SERENGETI RESOURCES INC.

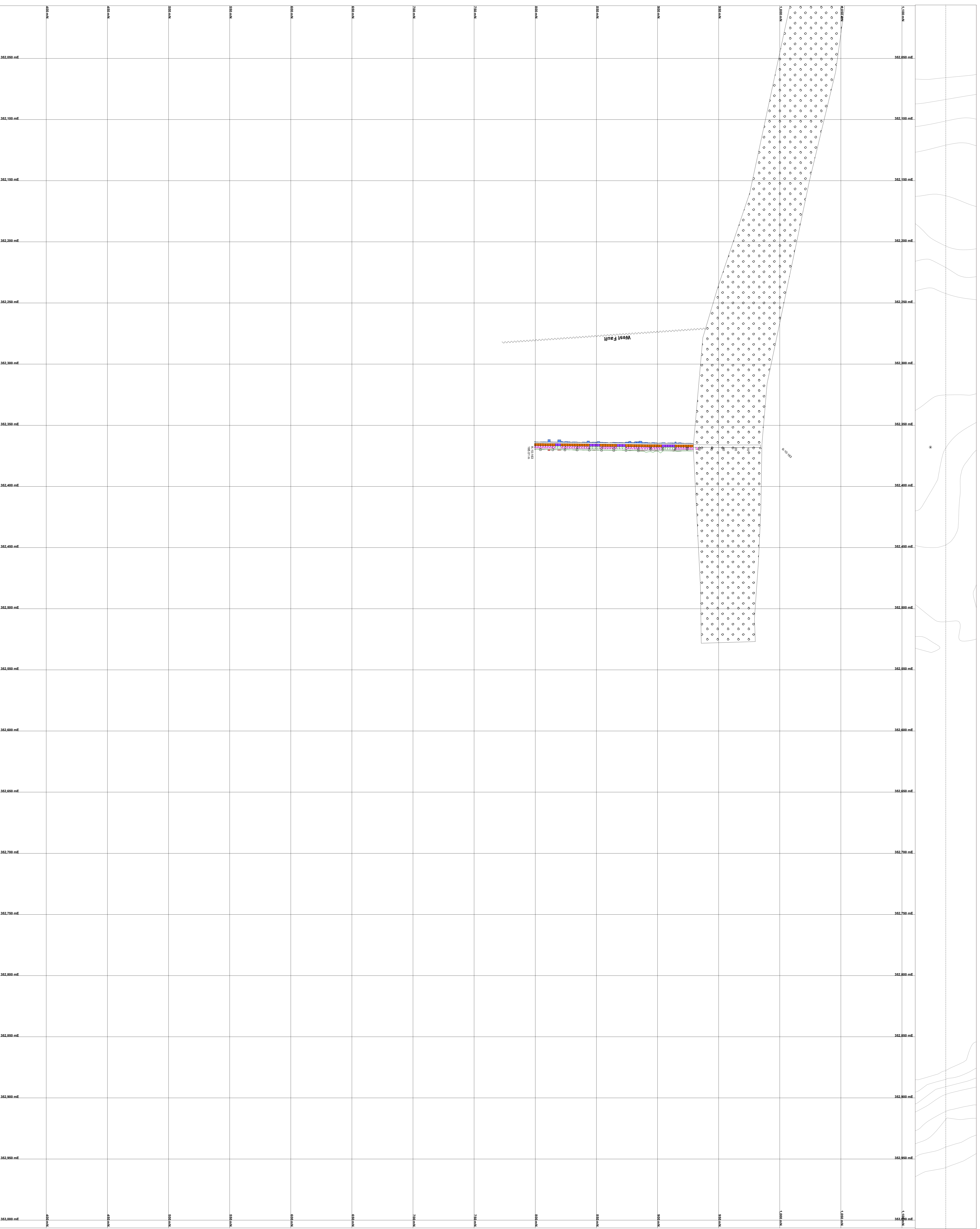
Kivirikwa Project

Cross Section +/- 25 m Envelope

3,500 S

Scale: 1:1000
Projection: North East (NAD83)
Datum: NAD83
Units: Metres

0 25 50 metres



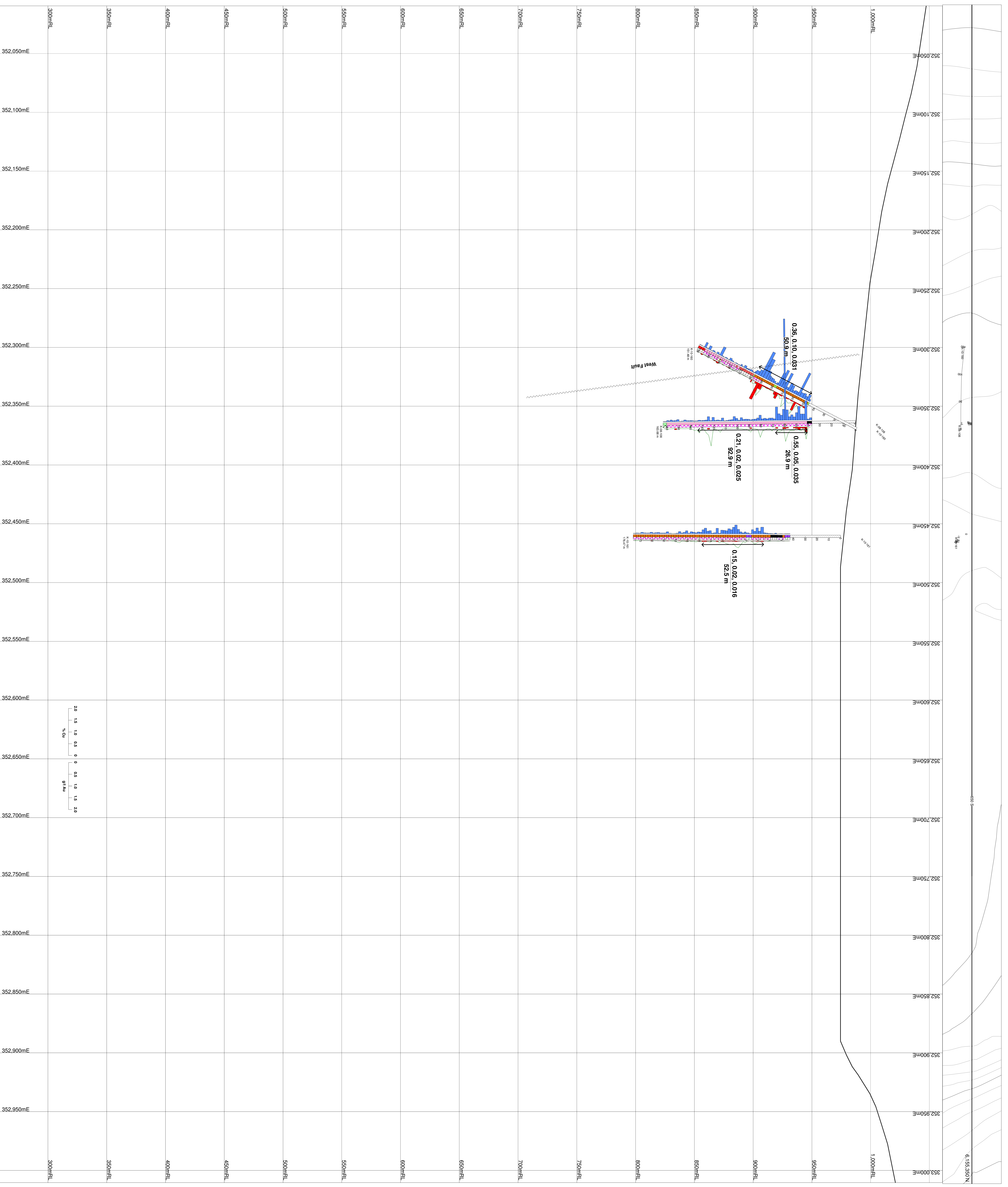
LEGEND

- Lithology**
- 1 Overburden
 - 2 Spinite
 - 3 Andesite
 - 3a Andesite Dyke
 - 3b Andesite Breccia
 - 25 Tertiary Andesite Dike
 - 4 Quartz Diorite
 - 5 Quartz monzonite granite, granodiorite
 - 6 Fall, Shear Zone
 - 7 Porphyric Quartz Monzonite
 - 8 Magnetite Sulphide Vein
 - 9 Monzonite
 - 9a Monzonite Dike
 - 9b Monzonite Breccia
 - 9c Monzonite (Two Feldspar/Phenocrysts)
 - 10 Quartz Vein
 - 11 Rhyolite
 - 12 Dacite
 - 13 Felspar Porphyry Dyke
 - 14 Microdiorite
 - 14a Microdiorite Breccia
 - 15 Diorite
 - 16 Gabbro
 - 17 Hydrothermal Breccia
 - 17a Hematite Breccia
 - 18 Conglomerate
 - 19 Sandstone
 - 21 Monzodiorite
 - 21 Monzodiorite Dike
 - 22 Intermediate Flow/Sill
 - 23 Trachyte
 - 24 Sedimentary Breccia
- Alteration**
- 1 Fresh
 - 2 Weak Propylitic
 - 3 Moderate to Strong Propylitic
 - 4 Potassic
 - 5 Silica
 - 6 Sericitic
 - 7 Albitic
 - 8 Tourmalinite
 - 9 Hematite
 - 10 Argillic
- Geologic Contact**
- 0.6% Cu Equivalent
 - 0.2% Cu Equivalent
- Scale**
- Scale: 1:1000
 Projection: NAD 83 (metres)
 Datum: GRS80
 Units: Metres
 Contour Interval: 1:1000
 Elevation: 1:1000
 Contour Interval: 1:1000
 Elevation: 1:1000
 Contour Interval: 1:1000
 Elevation: 1:1000
- % Cu, g/t Au, % Mo**
- metres
 0 25 50
 metres

SERENGETI RESOURCES INC.

Kavirika Project
Cross Section
+/- 25 m Envelope
600 S

01/20/2020
 Author: [Name]
 Date: [Date]
 Scale: 1:1000
 Projection: NAD 83 (metres)
 Datum: GRS80
 Units: Metres
 Contour Interval: 1:1000
 Elevation: 1:1000
 Contour Interval: 1:1000
 Elevation: 1:1000



SERENGETI RESOURCES INC.
 Mineral Project
 Cross Section
 +/- 25 m Envelope
 650 S

02/12/2010
 Author: [Name]
 Checker: [Name]
 Scale: 1:1000
 Projection: UTM East African

LEGEND

Lithology

- 1. Overburden
- 2. Granite
- 3. Andesite
- 3a. Andesite Dyke
- 3b. Andesite Breccia
- 3c. Tertiary Andesite Dyke
- 4. Quartz Dolerite
- 5. Quartz monzonite, granitic, granodioritic
- 6. Fault, Shear Zone
- 7. Porphyritic Quartz Monzonite
- 8. Magnetite Sphalerite Vein
- 9. Microcline
- 9a. Microcline Dyke
- 9b. Microcline Breccia
- 9c. Microcline (Two Feldspar Phenocrysts)
- 10. Quartz Vein
- 11. Rhyolite
- 12. Dolomite
- 13. Feldspar Porphyry Dyke
- 14. Microdiorite
- 14a. Microdiorite Breccia
- 15. Diorite
- 16. Gabbro
- 17. Hydrothermal Breccia
- 17a. Hematite Breccia
- 18. Conglomerate
- 19. Sandstone
- 21. Mudstone
- 21. Mudstone Dyke
- 22. Intermediate Flow Silt
- 23. Tuffite
- 24. Sedimentary Breccia

Alteration

- 1. Fresh
- 2. Weak Proximal
- 3. Moderate to Strong Proximal
- 4. Proximal
- 5. Silica
- 6. Sericite
- 7. Albite
- 8. Tourmaline
- 9. Hematite
- 10. Magnetite

Geologic Contact

- 0.6% Cu Equivalent
- 0.2% Cu Equivalent

Other

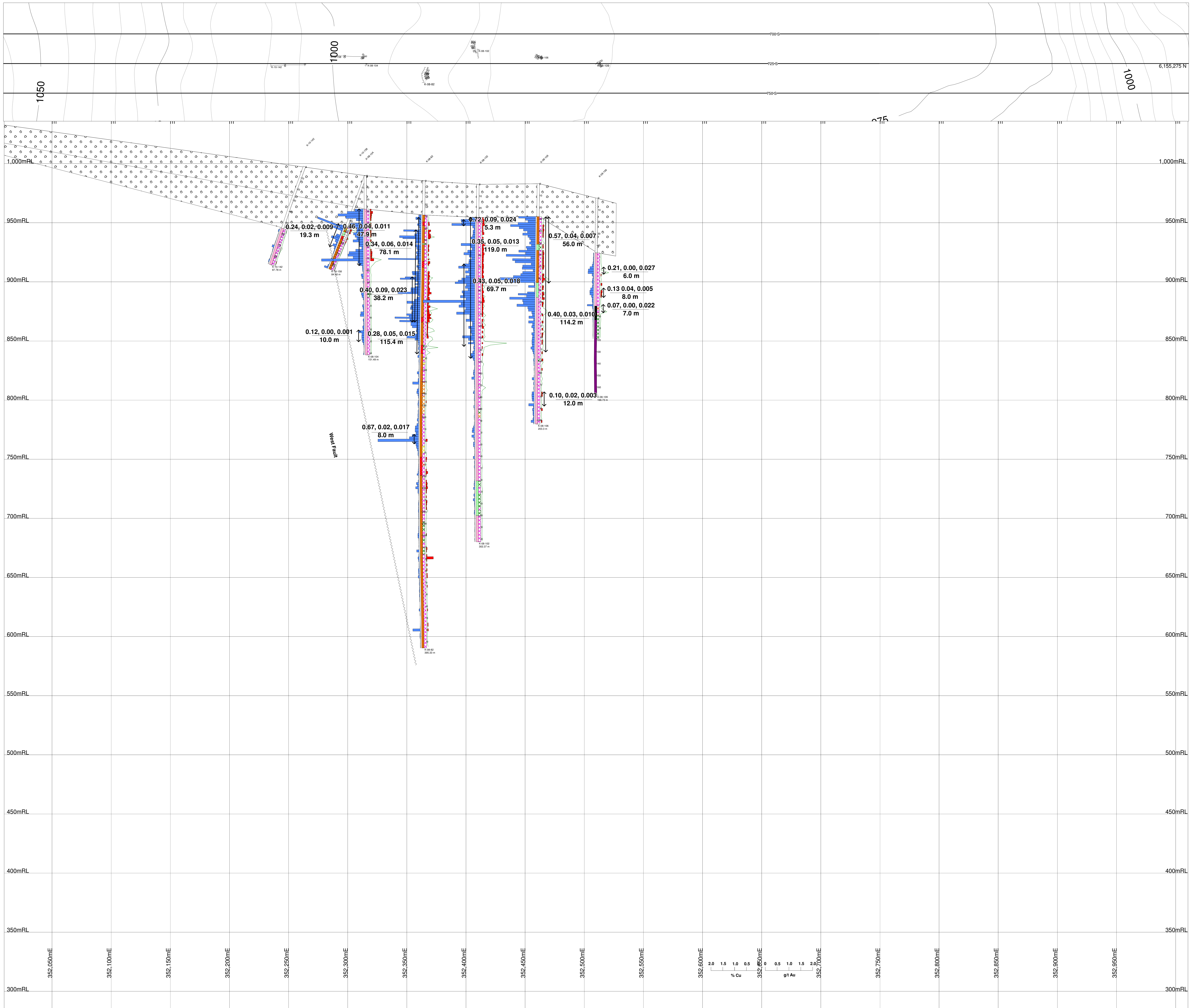
- 0.6% Cu Equivalent
- 0.2% Cu Equivalent

Scale

0 20 40 metres

Technical Data

Scale: 1:1000
 Projection: UTM East African
 Datum: WGS 84
 Units: Metres
 Contour Interval: 1000
 Elevation: 1000
 Contour Interval: 1000
 Units: Metres
 Datum: WGS 84
 Units: Metres



LEGEND

Lithology

- Overburden
- Syenite
- Andesite
- Andesite Dyke
- Andesite Breccia
- Tertiary Andesite Dyke
- Quartz Diorite
- Quartz monzonite, granite, granodiorite
- Fault, Shear Zone
- Porphyritic Quartz Monzonite
- Magnetite Sulphide Vein
- Monzonite
- Monzonite Dyke
- Monzonite Breccia
- Monzonite (Two Feldspar Phenocrysts)
- Quartz Vein
- Rhyolite
- Dacite
- Feldspar Porphyry Dyke
- Microdiorite
- Microdiorite Breccia
- Diorite
- Gabbro
- Hydrothermal Breccia
- Hematite Breccia
- Conglomerate
- Sandstone
- Monzodiorite
- Monzodiorite Dyke
- Intermediate Flow/Sill
- Trachyte
- Sedimentary Breccia

Alteration

- Fresh
- Weak Propylitic
- Moderate to Strong Propylitic
- Potassic
- Silica
- Sericitic
- Albitic
- Tourmaline
- Hematite
- Argillic

Geologic Contact
 0.6% Cu Equivalent
 0.2% Cu Equivalent

HOLOG

Lithology
 Alteration
 Au (g/t)
 Histogram
 0.02 mm/Unit at 1:1000
 Cu (%)
 Histogram
 0.002 mm/Unit at 1:1000
 Mo (%)
 Histogram
 100 mm/Unit at 1:1000

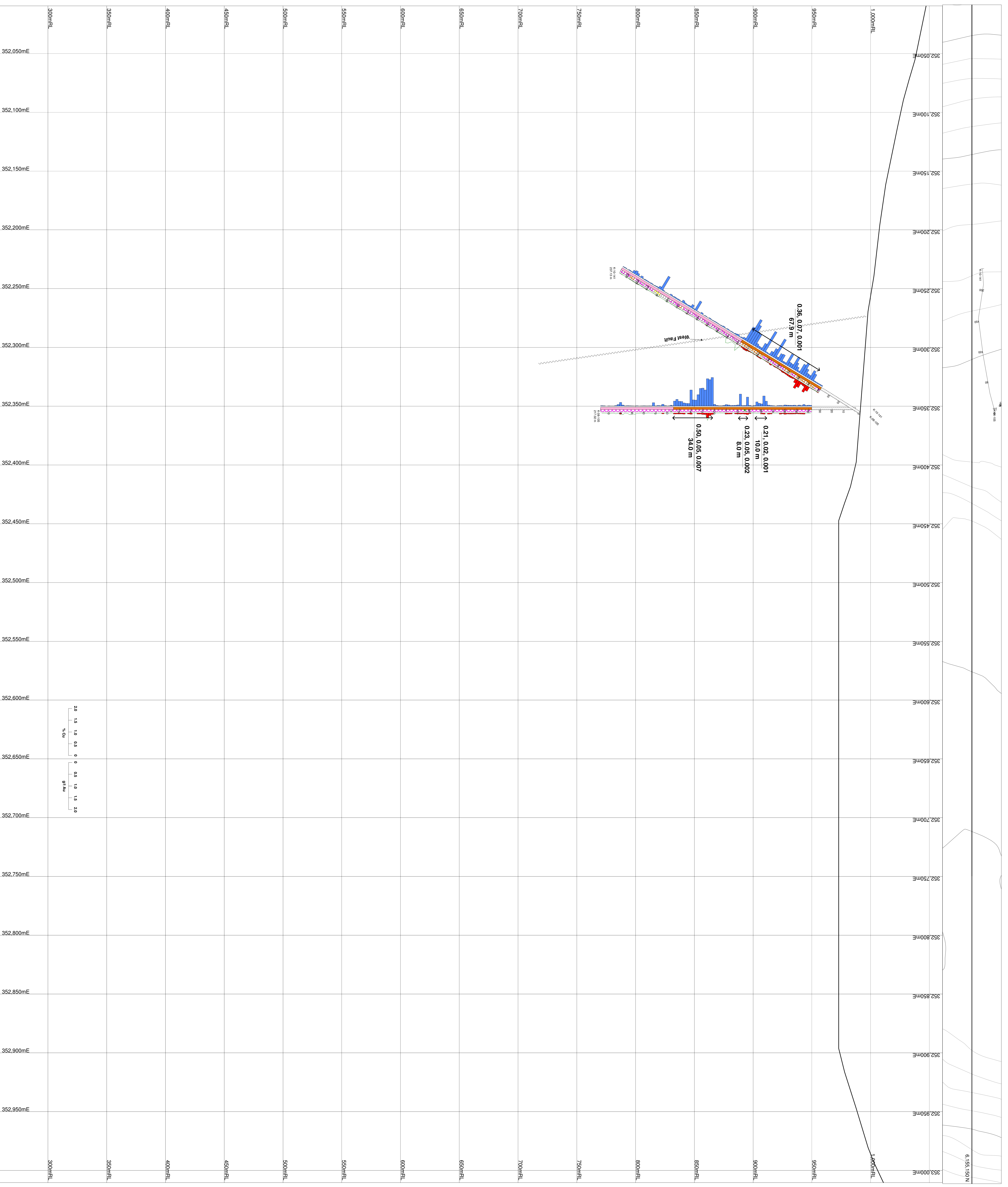
% Cu, g/t Au, % Mo
 metres
 EOH

SERENGETI RESOURCES INC. Kwanika Project

Cross Section
 +/- 25 m Envelope
725 S

02/12/2010
 Author:
 Office:
 Drawing:
 Scale: 1:1000 Projection: Non-Earth (metres)

0 25 50 metres



SERENGETI RESOURCES INC.
 Australian Project
 Cross Section
 +/- 25 m Envelope
 850 S

02/12/2010
 Author: [Name]
 Drawing: [Name]
 Project: [Name]

LEGEND

Lithology

- 1. Overburden
- 2. Syenite
- 3. Andesite
- 3a. Andesite Dyke
- 3b. Andesite Breccia
- 3c. Tertiary Andesite Dyke
- 4. Quartz Deyrie
- 5. Quartz monzonite, granite, granodiorite
- 6. Fault, Shear Zone
- 7. Porphyritic Quartz Monzonite
- 8. Magnetite Sphonda Vein
- 9. Microcline
- 9a. Microcline Dyke
- 9b. Microcline Breccia
- 9c. Microcline (Two Feldspar Phenocrysts)
- 10. Quartz Vein
- 11. Rhyolite
- 12. Dike
- 13. Residual Porphyry Dyke
- 14. Microdiorite
- 14a. Microdiorite Breccia
- 15. Diorite
- 16. Gabbro
- 17. Hydrothermal Breccia
- 17a. Hematite Breccia
- 18. Conglomerate
- 19. Sandstone
- 21. Mudstone
- 21. Mudstone Dyke
- 22. Intermediate Flow Silt
- 23. Tuffite
- 24. Sedimentary Breccia

Alteration

- 1. Fresh
- 2. Weak Proximal
- 3. Moderate to Strong Proximal
- 4. Proximal
- 5. Silica
- 6. Sericite
- 7. Albite
- 8. Tourmaline
- 9. Hematite
- 10. Magnetite

Geologic Contact

- 0.6% Cu Equivalent
- 0.2% Cu Equivalent

Other

- 0.6% Cu Equivalent
- 0.2% Cu Equivalent

Scale

0 20 40 metres

Units

CU (t) 1:1000
 g/t Au 1:1000
 m 1:1000
 % Cu, g/t Au, % Mo 1:1000

Appendix D – Drill Collar and Assay Database

2010 Drill Hole Locations, Azimuth, Dip, and Total Depth

HoleID	Easting (NAD zone 10)	Northing (NAD zone 10)	Elevation	Azimuth	Dip	Total Depth	Year
K-10-141	352356.15	6155169.71	989.82	255	-57	237.13	2010
K-10-142	352264.33	6155273.87	997.13	270	-70	87.78	2010
K-10-143	352445.92	6155033.28	970.11	270	-60	179.22	2010
K-10-144	352447.99	6155034.34	970.65	90	-50	243.23	2010
K-10-145	352559.59	6154652.03	963.11	98	-68	298.09	2010
K-10-146	352416.54	6154016.05	982.00	95	-51	484.02	2010
K-10-147	352521.92	6154822.39	965.70	0	-90	234.39	2010
K-10-148	352415.90	6154016.14	982.09	0	-90	386.48	2010
K-10-149	352415.57	6154016.63	982.16	270	-55	203.60	2010
K-10-150	352684.97	6154202.46	963.31	270	-50	355.40	2010
K-10-151	352433.17	6154381.64	986.21	260	-65	401.73	2010
K-10-152	352400.82	6154243.55	987.00	100	-77	361.80	2010
K-10-153	352755.51	6153948.43	977.14	0	-90	274.02	2010
K-10-154	352400.39	6154243.18	987.04	270	-65	337.72	2010
K-10-155	352681.31	6153305.92	949.87	90	-47	337.72	2010
K-10-156	352724.42	6153713.15	961.53	270	-70	291.69	2010
K-10-157	352493.52	6153478.74	980.31	77	-47	319.43	2010
K-10-158	352315.86	6155280.92	989.17	270	-70	84.43	2010
K-10-159	352857.50	6153701.74	967.36	0	-90	176.48	2010
K-10-160	352369.97	6155340.64	987.50	270	-62.5	151.48	2010
K-10-161	352461.70	6155339.62	974.43	0	-90	176.47	2010
K-10-162	352848.56	6153511.11	959.50	270	-70	331.31	2010
K-10-163	352368.06	6155387.50	984.27	0	-90	185.01	2010
K-10-164	352560.30	6153316.85	951.04	100	-45	359.05	2010
K-10-165	353211.27	6152793.43	961.05	270	-50	246.90	2010
K-10-166	351587.63	6155786.48	988.07	90	-70	505.05	2010
K-10-167	353284.15	6153036.07	1009.48	270	-50	270.05	2010
K-10-168	353536.44	6152505.71	1008.82	270	-50	99.67	2010

2010 Drill Core Assay Results

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-141	38.70	40.70	361	20	0.002	0.04	0.020	0.5	15351	SMI10000197
K-10-141	40.70	43.70	361	9	0.000	0.04	0.009	0.4	15352	SMI10000197
K-10-141	43.70	45.70	346	14	0.001	0.03	0.014	0.8	15353	SMI10000197
K-10-141	45.70	47.70	423	14	0.000	0.04	0.014	0.3	15354	SMI10000197
K-10-141	47.70	49.70	3080	208	0.002	0.31	0.208	3.7	15355	SMI10000197
K-10-141	49.70	51.70	4090	321	0.001	0.41	0.321	4.1	15356	SMI10000197
K-10-141	51.70	53.70	1465	99	0.003	0.15	0.099	1.8	15357	SMI10000197
K-10-141	53.70	55.70	1609	79	0.002	0.16	0.079	2.0	15358	SMI10000197
K-10-141	55.70	57.70	3170	266	0.003	0.32	0.266	5.0	15359	SMI10000197
K-10-141	57.70	59.70	5410	371	0.001	0.54	0.371	6.1	15360	SMI10000197
K-10-141	59.70	61.80	4240	167	0.002	0.42	0.167	5.6	15361	SMI10000197
K-10-141	61.80	63.80	625	41	0.000	0.06	0.041	0.7	15362	SMI10000197
K-10-141	63.80	65.80	1818	61	0.000	0.18	0.061	1.8	15363	SMI10000197
K-10-141	65.80	67.40	3260	73	0.000	0.33	0.073	3.1	15364	SMI10000197
K-10-141	67.40	69.40	5620	66	0.000	0.56	0.066	5.1	15366	SMI10000197
K-10-141	69.40	71.40	1700	55	0.000	0.17	0.055	1.7	15367	SMI10000197
K-10-141	71.40	73.40	1823	47	0.000	0.18	0.047	1.8	15368	SMI10000197
K-10-141	73.40	75.40	5260	58	0.004	0.53	0.058	4.8	15369	SMI10000197
K-10-141	75.40	77.40	738	32	0.000	0.07	0.032	0.7	15370	SMI10000197
K-10-141	77.40	79.40	719	23	0.000	0.07	0.023	0.7	15371	SMI10000197
K-10-141	79.40	81.40	3280	22	0.002	0.33	0.022	2.6	15372	SMI10000197
K-10-141	81.40	83.40	3040	33	0.000	0.30	0.033	2.7	15373	SMI10000197
K-10-141	83.40	85.40	1018	13	0.000	0.10	0.013	1.0	15374	SMI10000197
K-10-141	85.40	87.40	9080	52	0.000	0.91	0.052	5.8	15375	SMI10000197
K-10-141	87.40	89.40	3800	21	0.000	0.38	0.021	2.7	15376	SMI10000197
K-10-141	89.40	91.40	1841	21	0.000	0.18	0.021	1.7	15377	SMI10000197
K-10-141	91.40	93.40	335	12	0.000	0.03	0.012	0.4	15378	SMI10000197
K-10-141	93.40	95.60	487	10	0.000	0.05	0.010	0.5	15379	SMI10000197
K-10-141	95.60	97.60	9820	41	0.003	0.98	0.041	6.7	15381	SMI10000197
K-10-141	97.60	99.60	3290	38	0.000	0.33	0.038	2.3	15382	SMI10000197
K-10-141	99.60	101.60	800	15	0.000	0.08	0.015	0.6	15383	SMI10000197
K-10-141	101.60	103.60	1009	22	0.000	0.10	0.022	0.8	15384	SMI10000197
K-10-141	103.60	105.60	1491	18	0.001	0.15	0.018	0.9	15385	SMI10000197
K-10-141	105.60	107.60	5530	29	0.001	0.55	0.029	3.4	15386	SMI10000197
K-10-141	107.60	109.60	5980	42	0.005	0.60	0.042	4.2	15387	SMI10000197
K-10-141	109.60	111.60	8650	72	0.008	0.87	0.072	7.4	15388	SMI10000197
K-10-141	111.60	113.60	10890	73	0.006	1.09	0.073	9.4	15389	SMI10000197
K-10-141	113.60	115.60	6590	47	0.001	0.66	0.047	4.7	15390	SMI10000197
K-10-141	115.60	117.80	873	17	0.000	0.09	0.017	0.6	15391	SMI10000197
K-10-141	117.80	119.80	465	10	0.062	0.05	0.010	0.5	15392	SMI10000197
K-10-141	119.80	121.80	199	6	0.016	0.02	0.006	0.2	15393	SMI10000197
K-10-141	121.80	123.80	639	10	0.011	0.06	0.010	0.6	15394	SMI10000197
K-10-141	123.80	125.80	430	6	0.010	0.04	0.006	0.4	15396	SMI10000197
K-10-141	125.80	127.80	185	8	0.036	0.02	0.008	0.2	15397	SMI10000197
K-10-141	127.80	129.80	244	5	0.044	0.02	0.005	0.3	15398	SMI10000197
K-10-141	129.80	131.80	166	4	0.002	0.02	0.004	0.2	15399	SMI10000197
K-10-141	131.80	133.80	340	5	0.004	0.03	0.005	0.3	15400	SMI10000197
K-10-141	133.80	135.80	91	1	0.001	0.01	0.001	0.0	15401	SMI10000197
K-10-141	135.80	137.80	408	5	0.003	0.04	0.005	0.4	15402	SMI10000197
K-10-141	137.80	139.80	227	2	0.004	0.02	0.002	0.3	15403	SMI10000197
K-10-141	139.80	141.80	124	4	0.001	0.01	0.004	0.1	15404	SMI10000197
K-10-141	141.80	143.80	190	1	0.000	0.02	0.001	0.4	15405	SMI10000197
K-10-141	143.80	145.80	238	2	0.001	0.02	0.002	0.3	15406	SMI10000197
K-10-141	145.80	147.80	189	4	0.006	0.02	0.004	0.2	15407	SMI10000197
K-10-141	147.80	149.80	145	4	0.001	0.01	0.004	0.2	15408	SMI10000197
K-10-141	149.80	151.80	354	15	0.001	0.04	0.015	0.5	15409	SMI10000197
K-10-141	151.80	153.80	59	0	0.000	0.01	0.000	0.1	15411	SMI10000197
K-10-141	153.80	155.80	220	4	0.000	0.02	0.004	0.2	15412	SMI10000197
K-10-141	155.80	157.80	72	0	0.000	0.01	0.000	0.0	15413	SMI10000197
K-10-141	157.80	159.80	588	3	0.001	0.06	0.003	0.5	15414	SMI10000197

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-141	159.80	161.80	115	3	0.000	0.01	0.003	0.0	15415	SMI10000197
K-10-141	161.80	163.80	157	0	0.000	0.02	0.000	0.1	15416	SMI10000197
K-10-141	163.80	165.80	4410	3	0.000	0.44	0.003	1.7	15417	SMI10000197
K-10-141	165.80	167.80	310	3	0.002	0.03	0.003	0.3	15418	SMI10000197
K-10-141	167.80	169.80	1481	10	0.002	0.15	0.010	1.5	15419	SMI10000197
K-10-141	169.80	171.80	476	9	0.001	0.05	0.009	0.5	15420	SMI10000197
K-10-141	171.80	174.60	363	8	0.000	0.04	0.008	0.4	15421	SMI10000197
K-10-141	174.60	176.60	530	4	0.001	0.05	0.004	0.9	15422	SMI10000197
K-10-141	176.60	178.60	1020	13	0.001	0.10	0.013	1.2	15423	SMI10000197
K-10-141	178.60	180.60	140	1	0.000	0.01	0.001	0.1	15424	SMI10000197
K-10-141	180.60	182.60	387	6	0.001	0.04	0.006	0.3	15426	SMI10000197
K-10-141	182.60	184.60	341	3	0.000	0.03	0.003	0.3	15427	SMI10000197
K-10-141	184.60	186.60	427	3	0.001	0.04	0.003	0.5	15428	SMI10000197
K-10-141	186.60	188.35	230	0	0.000	0.02	0.000	0.3	15429	SMI10000197
K-10-141	188.35	190.35	526	1	0.002	0.05	0.001	0.5	15430	SMI10000197
K-10-141	190.35	192.35	70	1	0.000	0.01	0.001	0.0	15431	SMI10000197
K-10-141	192.35	194.35	92	0	0.001	0.01	0.000	0.0	15432	SMI10000197
K-10-141	194.35	196.35	98	0	0.001	0.01	0.000	0.0	15433	SMI10000197
K-10-141	196.35	197.80	444	1	0.000	0.04	0.001	0.9	15434	SMI10000197
K-10-141	197.80	199.80	6530	12	0.001	0.65	0.012	4.0	15435	SMI10000197
K-10-141	199.80	201.80	1051	6	0.000	0.11	0.006	1.3	15436	SMI10000197
K-10-141	201.80	203.60	339	3	0.001	0.03	0.003	0.3	15437	SMI10000197
K-10-141	203.60	205.60	260	3	0.000	0.03	0.003	1.2	15438	SMI10000197
K-10-141	205.60	207.60	139	2	0.000	0.01	0.002	0.2	15439	SMI10000197
K-10-141	207.60	209.60	318	6	0.001	0.03	0.006	0.6	15441	SMI10000197
K-10-141	209.60	211.60	191	3	0.002	0.02	0.003	0.2	15442	SMI10000197
K-10-141	211.60	213.60	270	6	0.000	0.03	0.006	0.3	15443	SMI10000197
K-10-141	213.60	215.60	303	2	0.002	0.03	0.002	0.4	15444	SMI10000197
K-10-141	215.60	217.60	177	2	0.001	0.02	0.002	0.3	15445	SMI10000197
K-10-141	217.60	219.60	794	12	0.005	0.08	0.012	1.2	15446	SMI10000197
K-10-141	219.60	221.60	192	3	0.002	0.02	0.003	0.3	15447	SMI10000197
K-10-141	221.60	223.60	989	3	0.005	0.10	0.003	1.4	15448	SMI10000197
K-10-141	223.60	225.60	1571	6	0.002	0.16	0.006	1.8	15449	SMI10000197
K-10-141	225.60	227.60	1162	4	0.002	0.12	0.004	1.4	15450	SMI10000197
K-10-141	227.60	229.60	216	1	0.000	0.02	0.001	0.4	15451	SMI10000197
K-10-141	229.60	231.60	305	3	0.001	0.03	0.003	0.5	15452	SMI10000197
K-10-141	231.60	233.60	57	0	0.000	0.01	0.000	0.0	15453	SMI10000197
K-10-141	233.60	235.60	230	8	0.000	0.02	0.008	0.3	15454	SMI10000197
K-10-141	235.60	237.13	190	4	0.000	0.02	0.004	0.1	15456	SMI10000197
K-10-142	55.47	57.00	24	1	0.001	0.00	0.001	0.0	15457	SMI10000198
K-10-142	57.00	59.00	425	2	0.002	0.04	0.002	0.3	15458	SMI10000198
K-10-142	59.00	61.00	35	0	0.001	0.00	0.000	0.0	15459	SMI10000198
K-10-142	61.00	63.00	46	2	0.001	0.00	0.002	0.0	15460	SMI10000198
K-10-142	63.00	65.00	40	0	0.001	0.00	0.000	0.0	15461	SMI10000198
K-10-142	65.00	67.00	38	0	0.002	0.00	0.000	0.1	15462	SMI10000198
K-10-142	67.00	69.00	99	0	0.003	0.01	0.000	0.1	15463	SMI10000198
K-10-142	69.00	71.00	75	0	0.002	0.01	0.000	0.2	15464	SMI10000198
K-10-142	71.00	73.00	875	9	0.013	0.09	0.009	1.5	15465	SMI10000198
K-10-142	73.00	75.00	184	4	0.005	0.02	0.004	0.2	15466	SMI10000198
K-10-142	75.00	77.00	111	3	0.003	0.01	0.003	0.0	15467	SMI10000198
K-10-142	77.00	79.00	46	0	0.002	0.00	0.000	0.0	15468	SMI10000198
K-10-142	79.00	81.00	109	0	0.001	0.01	0.000	0.1	15469	SMI10000198
K-10-142	81.00	83.30	55	0	0.000	0.01	0.000	0.0	15471	SMI10000198
K-10-142	83.30	85.90	331	14	0.004	0.03	0.014	0.5	15472	SMI10000198
K-10-142	85.90	87.78	55	3	0.001	0.01	0.003	0.0	15473	SMI10000198
K-10-143	21.33	23.00	3680	431	0.001	0.37	0.431	2.7	15474	SMI10000199
K-10-143	23.00	25.00	2670	321	0.005	0.27	0.321	2.1	15475	SMI10000199
K-10-143	25.00	27.00	3790	287	0.000	0.38	0.287	2.6	15476	SMI10000199
K-10-143	27.00	29.00	829	62	0.001	0.08	0.062	0.6	15477	SMI10000199
K-10-143	29.00	31.00	1196	96	0.002	0.12	0.096	0.9	15478	SMI10000199
K-10-143	31.00	33.00	4060	237	0.009	0.41	0.237	2.8	15479	SMI10000199
K-10-143	33.00	35.00	2590	219	0.002	0.26	0.219	1.9	15480	SMI10000199
K-10-143	35.00	37.00	4890	125	0.001	0.49	0.125	3.3	15481	SMI10000199
K-10-143	37.00	39.00	2230	58	0.001	0.22	0.058	2.4	15482	SMI10000199

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-143	39.00	41.00	4060	63	0.002	0.41	0.063	2.7	15483	SMI10000199
K-10-143	41.00	42.90	2070	94	0.002	0.21	0.094	1.8	15484	SMI10000199
K-10-143	42.90	44.90	4760	119	0.002	0.48	0.119	3.9	15486	SMI10000199
K-10-143	44.90	46.90	1504	60	0.000	0.15	0.060	1.2	15487	SMI10000199
K-10-143	46.90	48.90	2560	117	0.001	0.26	0.117	2.3	15488	SMI10000199
K-10-143	48.90	50.90	4230	190	0.003	0.42	0.190	4.3	15489	SMI10000199
K-10-143	50.90	52.90	1564	92	0.001	0.16	0.092	1.6	15490	SMI10000199
K-10-143	52.90	55.75	598	124	0.001	0.06	0.124	0.6	15491	SMI10000199
K-10-143	55.75	58.00	188	32	0.000	0.02	0.032	0.2	15492	SMI10000199
K-10-143	58.00	60.00	580	34	0.001	0.06	0.034	0.4	15493	SMI10000199
K-10-143	60.00	62.00	392	62	0.000	0.04	0.062	0.4	15494	SMI10000199
K-10-143	62.00	64.00	672	283	0.006	0.07	0.283	0.7	15495	SMI10000199
K-10-143	64.00	66.00	259	31	0.000	0.03	0.031	0.2	15496	SMI10000199
K-10-143	66.00	68.00	161	22	0.000	0.02	0.022	0.2	15497	SMI10000199
K-10-143	68.00	70.00	324	19	0.000	0.03	0.019	0.3	15498	SMI10000199
K-10-143	70.00	72.50	222	16	0.000	0.02	0.016	0.2	15499	SMI10000199
K-10-143	72.50	74.00	284	16	0.000	0.03	0.016	0.3	15501	SMI10000199
K-10-143	74.00	76.00	287	29	0.001	0.03	0.029	0.3	15502	SMI10000199
K-10-143	76.00	78.00	156	14	0.000	0.02	0.014	0.1	15503	SMI10000199
K-10-143	78.00	80.00	136	11	0.000	0.01	0.011	0.1	15504	SMI10000199
K-10-143	80.00	82.00	156	9	0.000	0.02	0.009	0.1	15505	SMI10000199
K-10-143	82.00	84.00	384	7	0.000	0.04	0.007	0.5	15506	SMI10000199
K-10-143	84.00	86.00	331	17	0.003	0.03	0.017	0.3	15507	SMI10000199
K-10-143	86.00	87.80	503	20	0.000	0.05	0.020	0.4	15508	SMI10000199
K-10-143	87.80	89.00	531	24	0.000	0.05	0.024	0.5	15509	SMI10000199
K-10-143	89.00	91.00	838	34	0.000	0.08	0.034	0.7	15510	SMI10000199
K-10-143	91.00	93.00	183	9	0.000	0.02	0.009	0.2	15511	SMI10000199
K-10-143	93.00	95.00	836	37	0.002	0.08	0.037	0.9	15512	SMI10000199
K-10-143	95.00	97.00	258	11	0.000	0.03	0.011	0.2	15513	SMI10000199
K-10-143	97.00	99.00	2750	94	0.001	0.28	0.094	2.4	15514	SMI10000199
K-10-143	99.00	101.00	75	4	0.001	0.01	0.004	0.0	15516	SMI10000199
K-10-143	101.00	103.00	65	2	0.000	0.01	0.002	0.0	15517	SMI10000199
K-10-143	103.00	105.00	181	7	0.000	0.02	0.007	0.2	15518	SMI10000199
K-10-143	105.00	107.00	220	8	0.000	0.02	0.008	0.2	15519	SMI10000199
K-10-143	107.00	109.00	191	4	0.000	0.02	0.004	0.1	15520	SMI10000199
K-10-143	109.00	111.00	291	11	0.000	0.03	0.011	0.3	15521	SMI10000199
K-10-143	111.00	113.00	201	11	0.000	0.02	0.011	0.2	15522	SMI10000199
K-10-143	113.00	115.00	105	6	0.000	0.01	0.006	0.1	15523	SMI10000199
K-10-143	115.00	117.00	202	4	0.000	0.02	0.004	0.2	15524	SMI10000199
K-10-143	117.00	119.00	365	7	0.003	0.04	0.007	0.3	15525	SMI10000199
K-10-143	119.00	121.30	131	3	0.001	0.01	0.003	0.1	15526	SMI10000199
K-10-143	121.30	123.00	216	4	0.000	0.02	0.004	1.6	15527	SMI10000199
K-10-143	123.00	125.00	227	10	0.001	0.02	0.010	0.7	15528	SMI10000199
K-10-143	125.00	127.00	143	6	0.000	0.01	0.006	1.7	15529	SMI10000199
K-10-143	127.00	129.00	195	6	0.000	0.02	0.006	1.1	15531	SMI10000199
K-10-143	129.00	131.00	107	3	0.001	0.01	0.003	0.2	15532	SMI10000199
K-10-143	131.00	133.20	150	5	0.000	0.01	0.005	0.1	15533	SMI10000199
K-10-143	133.20	134.00	1230	10	0.002	0.12	0.010	1.3	15534	SMI10000199
K-10-143	134.00	136.00	892	25	0.001	0.09	0.025	0.5	15535	SMI10000199
K-10-143	136.00	138.00	708	30	0.001	0.07	0.030	0.6	15536	SMI10000212
K-10-143	138.00	140.00	347	16	0.001	0.03	0.016	0.3	15537	SMI10000212
K-10-143	140.00	142.00	242	29	0.000	0.02	0.029	0.3	15538	SMI10000212
K-10-143	142.00	144.00	594	19	0.001	0.06	0.019	1.0	15539	SMI10000212
K-10-143	144.00	146.00	117	34	0.000	0.01	0.034	0.3	15540	SMI10000212
K-10-143	146.00	148.00	173	14	0.000	0.02	0.014	0.3	15541	SMI10000212
K-10-143	148.00	150.00	225	22	0.000	0.02	0.022	0.4	15542	SMI10000212
K-10-143	150.00	152.00	750	31	0.001	0.08	0.031	0.8	15543	SMI10000212
K-10-143	152.00	154.00	525	21	0.001	0.05	0.021	0.5	15544	SMI10000212
K-10-143	154.00	156.00	817	16	0.000	0.08	0.016	0.7	15546	SMI10000212
K-10-143	156.00	158.00	459	25	0.001	0.05	0.025	0.4	15547	SMI10000212
K-10-143	158.00	160.00	1182	35	0.007	0.12	0.035	0.8	15548	SMI10000212
K-10-143	160.00	162.00	631	28	0.001	0.06	0.028	0.5	15549	SMI10000212
K-10-143	162.00	164.00	695	33	0.000	0.07	0.033	0.6	15550	SMI10000212
K-10-143	164.00	166.00	315	12	0.000	0.03	0.012	0.3	15551	SMI10000212

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-143	166.00	168.00	198	7	0.001	0.02	0.007	0.2	15552	SMI10000212
K-10-143	168.00	170.00	352	17	0.001	0.04	0.017	0.3	15553	SMI10000212
K-10-143	170.00	172.00	1177	46	0.001	0.12	0.046	1.1	15554	SMI10000212
K-10-143	172.00	174.00	1081	33	0.000	0.11	0.033	0.6	15555	SMI10000212
K-10-143	174.00	176.00	271	15	0.000	0.03	0.015	0.4	15556	SMI10000212
K-10-143	176.00	179.22	516	15	0.000	0.05	0.015	0.3	15557	SMI10000212
K-10-144	27.43	30.00	657	39	0.001	0.07	0.039	0.6	15558	SMI10000213
K-10-144	30.00	32.00	1065	85	0.002	0.11	0.085	1.0	15559	SMI10000213
K-10-144	32.00	34.00	797	58	0.003	0.08	0.058	0.9	15561	SMI10000213
K-10-144	34.00	36.00	608	44	0.005	0.06	0.044	0.8	15562	SMI10000213
K-10-144	36.00	38.00	330	29	0.002	0.03	0.029	0.4	15563	SMI10000213
K-10-144	38.00	40.00	250	19	0.002	0.03	0.019	0.2	15564	SMI10000213
K-10-144	40.00	42.00	590	23	0.003	0.06	0.023	0.5	15565	SMI10000213
K-10-144	42.00	44.00	278	9	0.001	0.03	0.009	0.2	15566	SMI10000213
K-10-144	44.00	46.00	546	21	0.003	0.05	0.021	0.4	15567	SMI10000213
K-10-144	46.00	48.00	383	18	0.002	0.04	0.018	0.2	15568	SMI10000213
K-10-144	48.00	50.30	548	28	0.001	0.05	0.028	0.4	15569	SMI10000213
K-10-144	50.30	52.00	974	50	0.002	0.10	0.050	0.7	15570	SMI10000213
K-10-144	52.00	54.00	385	23	0.001	0.04	0.023	0.5	15571	SMI10000213
K-10-144	54.00	56.00	236	17	0.002	0.02	0.017	0.3	15572	SMI10000213
K-10-144	56.00	58.00	1127	70	0.002	0.11	0.070	0.8	15573	SMI10000213
K-10-144	58.00	60.00	1465	29	0.001	0.15	0.029	1.2	15574	SMI10000213
K-10-144	60.00	62.00	690	41	0.001	0.07	0.041	0.5	15576	SMI10000213
K-10-144	62.00	64.00	1629	333	0.001	0.16	0.333	1.7	15577	SMI10000213
K-10-144	64.00	66.00	1317	63	0.001	0.13	0.063	1.1	15578	SMI10000213
K-10-144	66.00	68.00	909	141	0.000	0.09	0.141	0.5	15579	SMI10000213
K-10-144	68.00	70.00	1119	103	0.001	0.11	0.103	0.6	15580	SMI10000213
K-10-144	70.00	72.00	312	91	0.000	0.03	0.091	0.2	15581	SMI10000213
K-10-144	72.00	73.50	606	192	0.000	0.06	0.192	0.5	15582	SMI10000213
K-10-144	73.50	76.00	745	742	0.000	0.07	0.742	0.8	15583	SMI10000213
K-10-144	76.00	78.00	132	173	0.001	0.01	0.173	0.2	15584	SMI10000213
K-10-144	78.00	80.00	166	167	0.000	0.02	0.167	0.2	15585	SMI10000213
K-10-144	80.00	82.00	571	176	0.000	0.06	0.176	0.4	15586	SMI10000213
K-10-144	82.00	84.00	596	44	0.000	0.06	0.044	0.5	15587	SMI10000213
K-10-144	84.00	86.00	325	88	0.001	0.03	0.088	0.2	15588	SMI10000213
K-10-144	86.00	88.00	231	40	0.000	0.02	0.040	0.4	15589	SMI10000213
K-10-144	88.00	90.00	387	20	0.000	0.04	0.020	0.4	15591	SMI10000213
K-10-144	90.00	92.00	747	37	0.002	0.07	0.037	0.4	15592	SMI10000213
K-10-144	92.00	94.00	214	15	0.001	0.02	0.015	0.2	15593	SMI10000213
K-10-144	94.00	96.00	302	23	0.001	0.03	0.023	0.3	15594	SMI10000213
K-10-144	96.00	98.00	307	19	0.001	0.03	0.019	0.3	15595	SMI10000213
K-10-144	98.00	100.00	1636	59	0.002	0.16	0.059	1.6	15596	SMI10000213
K-10-144	100.00	102.00	758	51	0.011	0.08	0.051	0.8	15597	SMI10000213
K-10-144	102.00	104.00	1003	32	0.017	0.10	0.032	1.0	15598	SMI10000213
K-10-144	104.00	106.00	782	61	0.020	0.08	0.061	0.9	15599	SMI10000213
K-10-144	106.00	108.00	828	35	0.003	0.08	0.035	0.8	15600	SMI10000213
K-10-144	108.00	110.25	674	33	0.004	0.07	0.033	0.5	15601	SMI10000213
K-10-144	110.25	112.00	401	22	0.006	0.04	0.022	0.3	15602	SMI10000213
K-10-144	112.00	114.00	193	11	0.001	0.02	0.011	0.2	15603	SMI10000213
K-10-144	114.00	116.00	212	7	0.001	0.02	0.007	0.2	15604	SMI10000213
K-10-144	116.00	118.00	511	59	0.001	0.05	0.059	0.5	15606	SMI10000213
K-10-144	118.00	120.00	199	7	0.004	0.02	0.007	0.2	15607	SMI10000213
K-10-144	120.00	122.00	182	7	0.000	0.02	0.007	0.2	15608	SMI10000213
K-10-144	122.00	124.20	469	9	0.003	0.05	0.009	0.4	15609	SMI10000213
K-10-144	124.20	126.00	187	7	0.004	0.02	0.007	0.2	15610	SMI10000213
K-10-144	126.00	128.00	446	18	0.001	0.04	0.018	0.3	15611	SMI10000213
K-10-144	128.00	130.00	384	27	0.001	0.04	0.027	0.3	15612	SMI10000213
K-10-144	130.00	132.00	125	44	0.011	0.01	0.044	0.1	15613	SMI10000213
K-10-144	132.00	134.00	234	13	0.001	0.02	0.013	0.2	15614	SMI10000213
K-10-144	134.00	136.00	328	18	0.004	0.03	0.018	0.3	15615	SMI10000213
K-10-144	136.00	138.00	548	18	0.001	0.05	0.018	0.7	15616	SMI10000213
K-10-144	138.00	139.70	489	16	0.002	0.05	0.016	0.5	15617	SMI10000213
K-10-144	139.70	141.70	995	34	0.002	0.10	0.034	1.4	15618	SMI10000213
K-10-144	141.70	143.30	1261	12	0.001	0.13	0.012	0.8	15619	SMI10000213

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-144	143.30	145.00	405	11	0.000	0.04	0.011	0.3	15621	SMI10000213
K-10-144	145.00	147.00	1138	13	0.000	0.11	0.013	1.1	15622	SMI10000213
K-10-144	147.00	149.00	907	8	0.000	0.09	0.008	0.5	15623	SMI10000213
K-10-144	149.00	151.00	406	4	0.000	0.04	0.004	0.3	15624	SMI10000213
K-10-144	151.00	153.00	415	9	0.000	0.04	0.009	0.2	15625	SMI10000213
K-10-144	153.00	155.00	534	10	0.000	0.05	0.010	0.3	15626	SMI10000213
K-10-144	155.00	157.00	229	3	0.001	0.02	0.003	0.2	15627	SMI10000213
K-10-144	157.00	159.00	641	6	0.001	0.06	0.006	0.8	15628	SMI10000213
K-10-144	159.00	161.00	102	2	0.000	0.01	0.002	0.0	15629	SMI10000213
K-10-144	161.00	163.00	178	2	0.000	0.02	0.002	0.2	15630	SMI10000213
K-10-144	163.00	165.00	510	2	0.000	0.05	0.002	0.5	15631	SMI10000213
K-10-144	165.00	167.60	728	5	0.003	0.07	0.005	2.1	15632	SMI10000213
K-10-144	167.60	170.45	90	1	0.000	0.01	0.001	0.5	15633	SMI10000213
K-10-144	170.45	173.00	596	10	0.001	0.06	0.010	0.4	15634	SMI10000213
K-10-144	173.00	175.00	284	4	0.000	0.03	0.004	0.2	15636	SMI10000213
K-10-144	175.00	177.00	149	1	0.000	0.01	0.001	0.0	15637	SMI10000213
K-10-144	177.00	179.00	115	2	0.002	0.01	0.002	0.1	15638	SMI10000213
K-10-144	179.00	181.00	116	6	0.004	0.01	0.006	0.0	15639	SMI10000213
K-10-144	181.00	182.50	131	7	0.000	0.01	0.007	0.1	15640	SMI10000213
K-10-144	182.50	184.00	61	2	0.000	0.01	0.002	0.1	15641	SMI10000213
K-10-144	184.00	186.00	172	3	0.000	0.02	0.003	0.3	15642	SMI10000213
K-10-144	186.00	188.00	217	1	0.000	0.02	0.001	0.1	15643	SMI10000213
K-10-144	188.00	190.00	112	1	0.000	0.01	0.001	0.0	15644	SMI10000213
K-10-144	190.00	192.00	219	1	0.000	0.02	0.001	0.2	15645	SMI10000213
K-10-144	192.00	194.00	483	7	0.001	0.05	0.007	0.2	15646	SMI10000213
K-10-144	194.00	196.00	1106	14	0.001	0.11	0.014	0.8	15647	SMI10000213
K-10-144	196.00	198.00	669	8	0.001	0.07	0.008	0.4	15648	SMI10000213
K-10-144	198.00	200.00	377	6	0.001	0.04	0.006	0.5	15649	SMI10000213
K-10-144	200.00	202.00	715	3	0.003	0.07	0.003	0.6	15651	SMI10000213
K-10-144	202.00	203.60	276	10	0.002	0.03	0.010	0.2	15652	SMI10000213
K-10-144	203.60	206.55	121	12	0.001	0.01	0.012	0.2	15653	SMI10000213
K-10-144	206.55	207.50	65	2	0.000	0.01	0.002	0.0	15654	SMI10000213
K-10-144	207.50	209.00	52	0	0.000	0.01	0.000	0.0	15655	SMI10000213
K-10-144	209.00	211.00	48	1	0.000	0.00	0.001	0.0	15656	SMI10000213
K-10-144	211.00	213.00	47	1	0.000	0.00	0.001	0.0	15657	SMI10000213
K-10-144	213.00	215.00	43	2	0.000	0.00	0.002	0.0	15658	SMI10000213
K-10-145	52.45	55.00	26	0	0.000	0.00	0.000	0.1	15659	SMI10000214
K-10-145	55.00	57.00	137	4	0.000	0.01	0.004	0.2	15660	SMI10000214
K-10-145	57.00	59.00	157	5	0.001	0.02	0.005	0.2	15661	SMI10000214
K-10-145	59.00	61.00	32	1	0.001	0.00	0.001	0.0	15662	SMI10000214
K-10-145	61.00	63.00	44	0	0.007	0.00	0.000	0.2	15663	SMI10000214
K-10-145	63.00	65.00	18	0	0.033	0.00	0.000	0.0	15664	SMI10000214
K-10-145	65.00	67.00	83	2	0.005	0.01	0.002	0.5	15666	SMI10000214
K-10-145	67.00	69.00	133	2	0.002	0.01	0.002	0.1	15667	SMI10000214
K-10-145	69.00	71.00	948	17	0.001	0.09	0.017	0.7	15668	SMI10000214
K-10-145	71.00	73.00	214	6	0.005	0.02	0.006	0.2	15669	SMI10000214
K-10-145	73.00	75.00	683	15	0.001	0.07	0.015	0.7	15670	SMI10000214
K-10-145	75.00	77.00	747	28	0.003	0.07	0.028	0.5	15671	SMI10000214
K-10-145	77.00	78.65	242	7	0.005	0.02	0.007	0.5	15672	SMI10000214
K-10-145	78.65	81.00	186	5	0.005	0.02	0.005	0.3	15673	SMI10000214
K-10-145	81.00	83.00	473	15	0.006	0.05	0.015	0.3	15674	SMI10000214
K-10-145	83.00	85.00	549	20	0.003	0.05	0.020	0.4	15675	SMI10000214
K-10-145	85.00	87.80	468	15	0.001	0.05	0.015	0.4	15676	SMI10000214
K-10-145	87.80	89.80	255	5	0.005	0.03	0.005	0.2	15677	SMI10000214
K-10-145	89.80	92.00	120	5	0.004	0.01	0.005	0.2	15678	SMI10000214
K-10-145	92.00	94.00	562	20	0.002	0.06	0.020	0.5	15679	SMI10000214
K-10-145	94.00	96.00	118	6	0.005	0.01	0.006	0.1	15681	SMI10000214
K-10-145	96.00	98.00	66	3	0.001	0.01	0.003	0.2	15682	SMI10000214
K-10-145	98.00	100.00	936	31	0.005	0.09	0.031	0.5	15683	SMI10000214
K-10-145	100.00	102.00	825	25	0.001	0.08	0.025	0.6	15684	SMI10000214
K-10-145	102.00	104.00	552	18	0.001	0.06	0.018	0.3	15685	SMI10000214
K-10-145	104.00	106.00	535	24	0.002	0.05	0.024	0.3	15686	SMI10000214
K-10-145	106.00	108.00	550	32	0.000	0.06	0.032	0.3	15687	SMI10000214
K-10-145	108.00	109.40	225	9	0.000	0.02	0.009	0.1	15688	SMI10000214

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-145	109.40	111.40	387	14	0.000	0.04	0.014	0.3	15689	SMI10000214
K-10-145	111.40	113.40	234	11	0.000	0.02	0.011	0.1	15690	SMI10000214
K-10-145	113.40	114.90	497	11	0.000	0.05	0.011	0.6	15691	SMI10000214
K-10-145	114.90	117.00	865	37	0.002	0.09	0.037	0.5	15692	SMI10000214
K-10-145	117.00	119.00	1071	41	0.001	0.11	0.041	0.6	15693	SMI10000214
K-10-145	119.00	121.00	206	3	0.000	0.02	0.003	0.2	15694	SMI10000214
K-10-145	121.00	123.00	372	29	0.001	0.04	0.029	0.3	15696	SMI10000214
K-10-145	123.00	125.00	282	12	0.001	0.03	0.012	0.3	15697	SMI10000214
K-10-145	125.00	127.00	223	13	0.000	0.02	0.013	0.1	15698	SMI10000214
K-10-145	127.00	129.00	1500	18	0.000	0.15	0.018	0.5	15699	SMI10000214
K-10-145	129.00	131.00	579	23	0.001	0.06	0.023	0.4	15700	SMI10000214
K-10-145	131.00	133.00	825	55	0.000	0.08	0.055	0.4	15701	SMI10000214
K-10-145	133.00	135.00	389	21	0.000	0.04	0.021	0.2	15702	SMI10000214
K-10-145	135.00	137.00	290	13	0.001	0.03	0.013	0.2	15703	SMI10000214
K-10-145	137.00	139.00	890	31	0.000	0.09	0.031	0.4	15704	SMI10000214
K-10-145	139.00	141.00	609	24	0.001	0.06	0.024	0.3	15705	SMI10000214
K-10-145	141.00	143.00	279	25	0.000	0.03	0.025	0.2	15706	SMI10000214
K-10-145	143.00	145.00	449	28	0.001	0.04	0.028	0.2	15707	SMI10000214
K-10-145	145.00	147.00	982	38	0.001	0.10	0.038	0.5	15708	SMI10000214
K-10-145	147.00	148.40	385	12	0.000	0.04	0.012	0.3	15709	SMI10000214
K-10-145	148.40	151.00	898	45	0.001	0.09	0.045	0.4	15711	SMI10000214
K-10-145	151.00	153.00	925	36	0.001	0.09	0.036	0.5	15712	SMI10000214
K-10-145	153.00	155.00	1783	72	0.003	0.18	0.072	1.0	15713	SMI10000214
K-10-145	155.00	157.00	2720	136	0.001	0.27	0.136	1.4	15714	SMI10000214
K-10-145	157.00	159.00	2810	126	0.001	0.28	0.126	1.6	15715	SMI10000214
K-10-145	159.00	161.00	4320	199	0.002	0.43	0.199	2.6	15716	SMI10000214
K-10-145	161.00	163.00	3340	142	0.001	0.33	0.142	1.9	15717	SMI10000214
K-10-145	163.00	165.00	2450	153	0.001	0.25	0.153	1.4	15718	SMI10000214
K-10-145	165.00	167.00	1851	74	0.001	0.19	0.074	1.0	15719	SMI10000214
K-10-145	167.00	169.00	2040	86	0.001	0.20	0.086	1.4	15720	SMI10000214
K-10-145	169.00	171.00	1427	66	0.003	0.14	0.066	0.7	15721	SMI10000214
K-10-145	171.00	173.00	1654	63	0.001	0.17	0.063	0.8	15722	SMI10000214
K-10-145	173.00	175.00	1923	69	0.002	0.19	0.069	1.0	15723	SMI10000214
K-10-145	175.00	177.00	1223	77	0.001	0.12	0.077	0.7	15724	SMI10000214
K-10-145	177.00	179.05	1433	84	0.002	0.14	0.084	0.8	15726	SMI10000214
K-10-145	179.05	181.00	1374	64	0.002	0.14	0.064	1.0	15727	SMI10000214
K-10-145	181.00	183.00	835	53	0.001	0.08	0.053	0.4	15728	SMI10000214
K-10-145	183.00	185.00	1681	81	0.003	0.17	0.081	1.0	15729	SMI10000214
K-10-145	185.00	187.00	1058	57	0.002	0.11	0.057	0.6	15730	SMI10000214
K-10-145	187.00	189.00	1061	70	0.002	0.11	0.070	0.6	15731	SMI10000214
K-10-145	189.00	191.00	2290	90	0.005	0.23	0.090	1.5	15732	SMI10000214
K-10-145	191.00	193.00	950	30	0.001	0.10	0.030	0.7	15733	SMI10000214
K-10-145	193.00	194.80	916	52	0.001	0.09	0.052	1.4	15734	SMI10000214
K-10-145	194.80	197.20	1136	68	0.002	0.11	0.068	0.7	15735	SMI10000214
K-10-145	197.20	199.00	1620	96	0.002	0.16	0.096	0.8	15736	SMI10000214
K-10-145	199.00	201.00	1461	55	0.001	0.15	0.055	1.0	15737	SMI10000214
K-10-145	201.00	203.00	1942	100	0.000	0.19	0.100	1.3	15738	SMI10000214
K-10-145	203.00	205.00	1238	65	0.002	0.12	0.065	1.1	15739	SMI10000214
K-10-145	205.00	208.25	2380	107	0.001	0.24	0.107	1.7	15741	SMI10000214
K-10-145	208.25	210.00	1030	63	0.001	0.10	0.063	0.8	15742	SMI10000214
K-10-145	210.00	212.00	1272	64	0.002	0.13	0.064	1.0	15743	SMI10000214
K-10-145	212.00	214.00	1043	49	0.001	0.10	0.049	0.8	15744	SMI10000214
K-10-145	214.00	216.00	1540	78	0.007	0.15	0.078	1.6	15745	SMI10000214
K-10-145	216.00	218.00	224	13	0.001	0.02	0.013	0.3	15746	SMI10000214
K-10-145	218.00	220.00	941	44	0.001	0.09	0.044	0.7	15747	SMI10000214
K-10-145	220.00	222.00	852	35	0.002	0.09	0.035	0.5	15748	SMI10000214
K-10-145	222.00	224.00	3680	120	0.005	0.37	0.120	2.4	15749	SMI10000214
K-10-145	224.00	226.00	393	19	0.001	0.04	0.019	0.3	15750	SMI10000214
K-10-145	226.00	228.00	324	18	0.000	0.03	0.018	0.2	15751	SMI10000214
K-10-145	228.00	230.00	464	22	0.002	0.05	0.022	0.4	15752	SMI10000214
K-10-145	230.00	232.00	264	11	0.001	0.03	0.011	0.2	15753	SMI10000214
K-10-145	232.00	234.00	959	22	0.002	0.10	0.022	1.0	15754	SMI10000214
K-10-145	234.00	236.00	1056	42	0.002	0.11	0.042	0.7	15756	SMI10000214
K-10-145	236.00	238.00	695	30	0.002	0.07	0.030	0.5	15757	SMI10000214

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-145	238.00	240.00	703	42	0.001	0.07	0.042	0.4	15758	SMI10000214
K-10-145	240.00	242.00	1050	87	0.002	0.11	0.087	0.6	15759	SMI10000214
K-10-145	242.00	244.00	947	45	0.002	0.09	0.045	0.5	15760	SMI10000214
K-10-145	244.00	246.00	980	48	0.001	0.10	0.048	0.5	15761	SMI10000214
K-10-145	246.00	248.00	1063	45	0.003	0.11	0.045	0.7	15762	SMI10000214
K-10-145	248.00	250.00	1145	60	0.001	0.11	0.060	0.5	15763	SMI10000214
K-10-145	250.00	252.00	673	28	0.000	0.07	0.028	0.3	15764	SMI10000214
K-10-145	252.00	254.00	460	21	0.000	0.05	0.021	0.3	15765	SMI10000214
K-10-145	254.00	256.00	451	22	0.000	0.05	0.022	0.3	15766	SMI10000214
K-10-145	256.00	258.00	1414	54	0.004	0.14	0.054	0.9	15767	SMI10000214
K-10-145	258.00	260.00	1314	50	0.002	0.13	0.050	1.0	15768	SMI10000214
K-10-145	260.00	262.00	445	20	0.001	0.04	0.020	0.4	15769	SMI10000214
K-10-145	262.00	264.00	448	35	0.001	0.04	0.035	0.3	15771	SMI10000214
K-10-145	264.00	266.00	453	14	0.000	0.05	0.014	0.5	15772	SMI10000214
K-10-145	266.00	268.00	762	52	0.001	0.08	0.052	0.4	15773	SMI10000214
K-10-145	268.00	270.00	693	24	0.001	0.07	0.024	0.8	15774	SMI10000214
K-10-145	270.00	272.00	886	33	0.002	0.09	0.033	0.7	15775	SMI10000214
K-10-145	272.00	274.00	602	36	0.001	0.06	0.036	0.4	15776	SMI10000214
K-10-145	274.00	276.00	472	14	0.001	0.05	0.014	0.3	15777	SMI10000214
K-10-145	276.00	278.00	596	16	0.002	0.06	0.016	0.4	15778	SMI10000214
K-10-145	278.00	280.00	678	16	0.001	0.07	0.016	0.6	15779	SMI10000214
K-10-145	280.00	282.00	294	8	0.000	0.03	0.008	0.3	15780	SMI10000214
K-10-145	282.00	284.00	434	20	0.001	0.04	0.020	0.3	15781	SMI10000214
K-10-145	284.00	286.00	821	22	0.001	0.08	0.022	0.7	15782	SMI10000214
K-10-145	286.00	288.00	609	18	0.001	0.06	0.018	0.4	15783	SMI10000214
K-10-145	288.00	290.00	570	25	0.002	0.06	0.025	0.5	15784	SMI10000214
K-10-145	290.00	292.00	467	25	0.002	0.05	0.025	0.4	15786	SMI10000214
K-10-145	292.00	294.00	469	13	0.001	0.05	0.013	0.3	15787	SMI10000214
K-10-145	294.00	296.00	371	13	0.002	0.04	0.013	0.7	15788	SMI10000214
K-10-145	296.00	298.09	911	32	0.001	0.09	0.032	0.4	15789	SMI10000214
K-10-146	58.52	59.10	332	2	0.001	0.03	0.002	0.4	15790	SMI10000215
K-10-146	59.10	62.00	138	7	0.000	0.01	0.007	0.2	15791	SMI10000215
K-10-146	62.00	64.00	509	10	0.001	0.05	0.010	0.5	15792	SMI10000215
K-10-146	64.00	66.00	236	9	0.000	0.02	0.009	0.2	15793	SMI10000215
K-10-146	66.00	68.00	306	7	0.000	0.03	0.007	0.3	15794	SMI10000215
K-10-146	68.00	70.00	239	7	0.000	0.02	0.007	0.3	15795	SMI10000215
K-10-146	70.00	72.00	537	13	0.002	0.05	0.013	0.5	15796	SMI10000215
K-10-146	72.00	74.00	973	15	0.003	0.10	0.015	1.0	15797	SMI10000215
K-10-146	74.00	76.00	661	25	0.004	0.07	0.025	0.6	15798	SMI10000215
K-10-146	76.00	78.00	2030	70	0.003	0.20	0.070	1.2	15799	SMI10000215
K-10-146	78.00	80.00	1569	81	0.003	0.16	0.081	1.4	15801	SMI10000215
K-10-146	80.00	82.00	2720	96	0.004	0.27	0.096	1.6	15802	SMI10000215
K-10-146	82.00	84.00	2410	105	0.003	0.24	0.105	1.4	15803	SMI10000215
K-10-146	84.00	86.00	3160	86	0.002	0.32	0.086	2.3	15804	SMI10000215
K-10-146	86.00	88.00	2270	79	0.008	0.23	0.079	1.3	15805	SMI10000215
K-10-146	88.00	90.00	2300	80	0.002	0.23	0.080	1.6	15806	SMI10000215
K-10-146	90.00	92.00	1506	46	0.002	0.15	0.046	1.1	15807	SMI10000215
K-10-146	92.00	94.00	2310	57	0.004	0.23	0.057	1.5	15808	SMI10000215
K-10-146	94.00	96.00	1225	49	0.000	0.12	0.049	0.9	15809	SMI10000215
K-10-146	96.00	98.00	907	33	0.001	0.09	0.033	0.7	15810	SMI10000215
K-10-146	98.00	100.00	1276	52	0.001	0.13	0.052	1.1	15811	SMI10000215
K-10-146	100.00	102.00	789	54	0.001	0.08	0.054	0.9	15812	SMI10000215
K-10-146	102.00	104.00	1105	42	0.001	0.11	0.042	1.1	15813	SMI10000215
K-10-146	104.00	106.00	588	24	0.001	0.06	0.024	0.8	15814	SMI10000215
K-10-146	106.00	108.00	661	58	0.000	0.07	0.058	1.7	15816	SMI10000215
K-10-146	108.00	110.00	708	32	0.001	0.07	0.032	0.9	15817	SMI10000215
K-10-146	110.00	112.00	699	46	0.001	0.07	0.046	1.0	15818	SMI10000215
K-10-146	112.00	114.00	1075	68	0.001	0.11	0.068	1.5	15819	SMI10000215
K-10-146	114.00	116.00	1109	66	0.001	0.11	0.066	1.7	15820	SMI10000215
K-10-146	116.00	118.00	4840	102	0.003	0.48	0.102	5.0	15821	SMI10000215
K-10-146	118.00	120.00	2420	41	0.002	0.24	0.041	2.4	15822	SMI10000215
K-10-146	120.00	122.00	3070	74	0.001	0.31	0.074	3.0	15823	SMI10000215
K-10-146	122.00	124.00	2730	96	0.002	0.27	0.096	2.8	15824	SMI10000215
K-10-146	124.00	126.00	2450	67	0.002	0.25	0.067	2.2	15825	SMI10000215

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-146	126.00	128.00	1527	44	0.001	0.15	0.044	1.3	15826	SMI10000215
K-10-146	128.00	130.00	1421	41	0.001	0.14	0.041	1.1	15827	SMI10000215
K-10-146	130.00	132.00	1066	34	0.001	0.11	0.034	1.1	15828	SMI10000215
K-10-146	132.00	134.00	1244	41	0.001	0.12	0.041	1.6	15829	SMI10000215
K-10-146	134.00	136.00	1853	66	0.002	0.19	0.066	3.5	15831	SMI10000215
K-10-146	136.00	138.00	2310	193	0.001	0.23	0.193	6.1	15832	SMI10000215
K-10-146	138.00	140.00	1930	239	0.002	0.19	0.239	7.1	15833	SMI10000215
K-10-146	140.00	142.00	1003	103	0.001	0.10	0.103	3.8	15834	SMI10000215
K-10-146	142.00	144.00	1705	120	0.001	0.17	0.120	5.0	15835	SMI10000215
K-10-146	144.00	146.00	1664	78	0.001	0.17	0.078	2.8	15836	SMI10000215
K-10-146	146.00	148.00	1438	44	0.001	0.14	0.044	1.3	15837	SMI10000215
K-10-146	148.00	150.00	880	29	0.001	0.09	0.029	0.9	15838	SMI10000215
K-10-146	150.00	152.00	1450	38	0.002	0.15	0.038	1.4	15839	SMI10000215
K-10-146	152.00	154.00	1404	43	0.002	0.14	0.043	1.5	15840	SMI10000215
K-10-146	154.00	156.50	1153	178	0.003	0.12	0.178	1.2	15841	SMI10000215
K-10-146	156.50	158.00	1164	48	0.002	0.12	0.048	1.3	15842	SMI10000215
K-10-146	158.00	160.00	937	52	0.007	0.09	0.052	1.3	15843	SMI10000215
K-10-146	160.00	162.00	982	38	0.001	0.10	0.038	1.2	15844	SMI10000215
K-10-146	162.00	164.00	14220	852	0.006	1.42	0.852	10.8	15846	SMI10000215
K-10-146	164.00	166.00	1390	74	0.001	0.14	0.074	1.5	15847	SMI10000215
K-10-146	166.00	168.00	1538	62	0.001	0.15	0.062	1.8	15848	SMI10000215
K-10-146	168.00	170.00	1214	54	0.001	0.12	0.054	1.5	15849	SMI10000215
K-10-146	170.00	172.00	3800	70	0.008	0.38	0.070	4.9	15850	SMI10000215
K-10-146	172.00	174.00	727	31	0.001	0.07	0.031	1.0	15851	SMI10000215
K-10-146	174.00	176.00	1026	54	0.001	0.10	0.054	1.0	15852	SMI10000215
K-10-146	176.00	178.00	904	50	0.001	0.09	0.050	1.0	15853	SMI10000215
K-10-146	178.00	180.00	1940	83	0.001	0.19	0.083	2.4	15854	SMI10000215
K-10-146	180.00	182.00	812	45	0.001	0.08	0.045	1.1	15855	SMI10000215
K-10-146	182.00	184.00	1605	63	0.001	0.16	0.063	2.4	15856	SMI10000215
K-10-146	184.00	186.00	891	51	0.001	0.09	0.051	1.4	15857	SMI10000215
K-10-146	186.00	188.00	706	38	0.001	0.07	0.038	1.0	15858	SMI10000215
K-10-146	188.00	190.00	1547	90	0.001	0.15	0.090	2.3	15859	SMI10000215
K-10-146	190.00	191.30	578	35	0.001	0.06	0.035	0.9	15861	SMI10000215
K-10-146	191.30	194.00	469	23	0.000	0.05	0.023	0.5	15862	SMI10000215
K-10-146	194.00	196.00	717	22	0.001	0.07	0.022	0.5	15863	SMI10000215
K-10-146	196.00	198.00	432	12	0.001	0.04	0.012	0.4	15864	SMI10000215
K-10-146	198.00	200.65	268	10	0.001	0.03	0.010	0.3	15865	SMI10000215
K-10-146	200.65	202.00	951	39	0.004	0.10	0.039	1.1	15866	SMI10000215
K-10-146	202.00	204.00	1292	59	0.008	0.13	0.059	1.5	15867	SMI10000215
K-10-146	204.00	206.00	2680	97	0.005	0.27	0.097	2.7	15868	SMI10000215
K-10-146	206.00	208.00	1899	58	0.003	0.19	0.058	1.8	15869	SMI10000215
K-10-146	208.00	210.00	1681	65	0.002	0.17	0.065	1.7	15870	SMI10000215
K-10-146	210.00	212.00	2640	76	0.005	0.26	0.076	2.7	15871	SMI10000215
K-10-146	212.00	214.00	3250	49	0.025	0.33	0.049	3.1	15872	SMI10000215
K-10-146	214.00	216.00	4520	88	0.018	0.45	0.088	4.3	15873	SMI10000215
K-10-146	216.00	218.00	2920	90	0.009	0.29	0.090	2.8	15874	SMI10000215
K-10-146	218.00	220.00	2970	88	0.003	0.30	0.088	2.7	15876	SMI10000215
K-10-146	220.00	222.00	1886	53	0.006	0.19	0.053	2.1	15877	SMI10000215
K-10-146	222.00	224.00	1676	47	0.005	0.17	0.047	1.7	15878	SMI10000215
K-10-146	224.00	226.00	3570	81	0.029	0.36	0.081	3.3	15879	SMI10000215
K-10-146	226.00	228.00	1997	78	0.006	0.20	0.078	2.1	15880	SMI10000215
K-10-146	228.00	230.00	1259	33	0.002	0.13	0.033	1.2	15881	SMI10000215
K-10-146	230.00	232.00	1613	37	0.003	0.16	0.037	1.5	15882	SMI10000215
K-10-146	232.00	234.00	700	49	0.003	0.07	0.049	0.8	15883	SMI10000215
K-10-146	234.00	236.00	1572	49	0.006	0.16	0.049	1.3	15884	SMI10000215
K-10-146	236.00	238.00	3170	61	0.005	0.32	0.061	2.5	15885	SMI10000215
K-10-146	238.00	240.20	1661	57	0.004	0.17	0.057	1.4	15886	SMI10000215
K-10-146	240.20	242.00	1292	50	0.009	0.13	0.050	0.9	15887	SMI10000215
K-10-146	242.00	244.00	1808	55	0.001	0.18	0.055	1.3	15888	SMI10000215
K-10-146	244.00	246.00	1285	50	0.002	0.13	0.050	0.9	15889	SMI10000215
K-10-146	246.00	248.00	1373	51	0.004	0.14	0.051	0.9	15891	SMI10000215
K-10-146	248.00	250.00	1122	38	0.007	0.11	0.038	0.7	15892	SMI10000215
K-10-146	250.00	252.00	1705	52	0.011	0.17	0.052	1.1	15893	SMI10000215
K-10-146	252.00	254.00	3020	48	0.006	0.30	0.048	1.7	15894	SMI10000215

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-146	254.00	256.00	2750	48	0.004	0.28	0.048	1.4	15895	SMI10000215
K-10-146	256.00	258.00	2330	39	0.002	0.23	0.039	1.4	15896	SMI10000215
K-10-146	258.00	260.00	1712	28	0.036	0.17	0.028	1.0	15897	SMI10000215
K-10-146	260.00	262.00	1009	18	0.011	0.10	0.018	0.6	15898	SMI10000215
K-10-146	262.00	264.00	1947	104	0.003	0.19	0.104	1.7	15899	SMI10000215
K-10-146	264.00	266.00	1896	39	0.003	0.19	0.039	1.2	15900	SMI10000215
K-10-146	266.00	268.00	2320	41	0.005	0.23	0.041	1.2	15901	SMI10000215
K-10-146	268.00	270.00	3240	60	0.032	0.32	0.060	1.7	15902	SMI10000215
K-10-146	270.00	272.00	3580	58	0.004	0.36	0.058	2.1	15903	SMI10000215
K-10-146	272.00	274.00	1918	36	0.002	0.19	0.036	1.0	15904	SMI10000215
K-10-146	274.00	276.00	3970	73	0.003	0.40	0.073	1.6	15906	SMI10000215
K-10-146	276.00	278.00	1984	42	0.001	0.20	0.042	1.0	15907	SMI10000215
K-10-146	278.00	280.00	2120	60	0.004	0.21	0.060	1.1	15908	SMI10000215
K-10-146	280.00	282.00	975	28	0.002	0.10	0.028	0.6	15909	SMI10000215
K-10-146	282.00	284.00	2120	41	0.003	0.21	0.041	1.0	15910	SMI10000215
K-10-146	284.00	286.00	2430	54	0.013	0.24	0.054	1.2	15911	SMI10000215
K-10-146	286.00	288.00	962	19	0.000	0.10	0.019	0.6	15912	SMI10000215
K-10-146	288.00	290.00	1307	43	0.001	0.13	0.043	0.8	15913	SMI10000215
K-10-146	290.00	292.00	1080	25	0.008	0.11	0.025	0.6	15914	SMI10000215
K-10-146	292.00	294.00	1370	28	0.002	0.14	0.028	0.7	15915	SMI10000215
K-10-146	294.00	296.00	1120	26	0.003	0.11	0.026	0.6	15916	SMI10000215
K-10-146	296.00	298.90	3370	141	0.003	0.34	0.141	2.1	15917	SMI10000215
K-10-146	298.90	300.00	1938	56	0.002	0.19	0.056	1.8	15918	SMI10000215
K-10-146	300.00	302.00	1077	27	0.001	0.11	0.027	0.8	15919	SMI10000215
K-10-146	302.00	304.00	1157	29	0.001	0.12	0.029	0.7	15921	SMI10000215
K-10-146	304.00	306.00	2850	67	0.004	0.29	0.067	1.6	15922	SMI10000215
K-10-146	306.00	308.00	896	22	0.001	0.09	0.022	0.6	15923	SMI10000215
K-10-146	308.00	310.00	1617	32	0.004	0.16	0.032	0.9	15924	SMI10000215
K-10-146	310.00	312.00	2660	45	0.001	0.27	0.045	1.2	15925	SMI10000215
K-10-146	312.00	314.00	1637	26	0.001	0.16	0.026	0.8	15926	SMI10000215
K-10-146	314.00	316.00	713	11	0.000	0.07	0.011	0.4	15927	SMI10000215
K-10-146	316.00	318.00	962	25	0.001	0.10	0.025	0.6	15928	SMI10000215
K-10-146	318.00	320.00	831	14	0.001	0.08	0.014	0.5	15929	SMI10000215
K-10-146	320.00	322.00	2180	47	0.003	0.22	0.047	1.2	15930	SMI10000215
K-10-146	322.00	324.00	2310	40	0.010	0.23	0.040	1.0	15931	SMI10000215
K-10-146	324.00	326.00	1463	64	0.002	0.15	0.064	1.1	15932	SMI10000215
K-10-146	326.00	328.00	1345	87	0.001	0.13	0.087	0.9	15933	SMI10000215
K-10-146	328.00	330.00	1448	68	0.004	0.14	0.068	0.9	15934	SMI10000215
K-10-146	330.00	332.00	3040	47	0.007	0.30	0.047	1.3	15936	SMI10000215
K-10-146	332.00	334.00	3550	54	0.007	0.36	0.054	1.8	15937	SMI10000215
K-10-146	334.00	336.00	2180	30	0.005	0.22	0.030	1.0	15938	SMI10000215
K-10-146	336.00	337.35	1018	11	0.006	0.10	0.011	0.5	15939	SMI10000215
K-10-146	337.35	340.00	925	14	0.002	0.09	0.014	1.0	15940	SMI10000215
K-10-146	340.00	342.00	1722	23	0.002	0.17	0.023	2.3	15941	SMI10000215
K-10-146	342.00	344.00	1990	17	0.011	0.20	0.017	2.9	15942	SMI10000215
K-10-146	344.00	346.00	1271	13	0.013	0.13	0.013	1.5	15943	SMI10000215
K-10-146	346.00	348.00	855	8	0.003	0.09	0.008	0.9	15944	SMI10000215
K-10-146	348.00	350.00	812	6	0.003	0.08	0.006	1.2	15945	SMI10000215
K-10-146	350.00	352.00	1116	19	0.001	0.11	0.019	1.3	15946	SMI10000215
K-10-146	352.00	354.00	1041	8	0.001	0.10	0.008	1.1	15947	SMI10000215
K-10-146	354.00	356.00	454	5	0.009	0.05	0.005	0.4	15948	SMI10000215
K-10-146	356.00	358.00	608	9	0.001	0.06	0.009	0.6	15949	SMI10000215
K-10-146	358.00	360.00	687	10	0.007	0.07	0.010	0.8	15951	SMI10000235
K-10-146	360.00	362.00	520	7	0.030	0.05	0.007	0.7	15952	SMI10000235
K-10-146	362.00	364.00	420	3	0.002	0.04	0.003	0.4	15953	SMI10000235
K-10-146	364.00	366.00	325	2	0.004	0.03	0.002	0.3	15954	SMI10000235
K-10-146	366.00	368.00	338	3	0.003	0.03	0.003	0.4	15955	SMI10000235
K-10-146	368.00	370.00	537	6	0.006	0.05	0.006	0.4	15956	SMI10000235
K-10-146	370.00	372.00	480	3	0.004	0.05	0.003	0.3	15957	SMI10000235
K-10-146	372.00	374.00	304	0	0.003	0.03	0.000	0.2	15958	SMI10000235
K-10-146	374.00	376.00	306	4	0.011	0.03	0.004	0.2	15959	SMI10000235
K-10-146	376.00	378.00	386	5	0.003	0.04	0.005	0.4	15960	SMI10000235
K-10-146	378.00	380.00	112	0	0.002	0.01	0.000	0.1	15961	SMI10000235
K-10-146	380.00	382.00	315	1	0.007	0.03	0.001	0.3	15962	SMI10000235

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-146	382.00	384.00	486	2	0.072	0.05	0.002	0.6	15963	SMI10000235
K-10-146	384.00	386.00	122	1	0.077	0.01	0.001	0.2	15964	SMI10000235
K-10-146	386.00	388.00	540	3	0.003	0.05	0.003	0.7	15966	SMI10000235
K-10-146	388.00	390.00	306	1	0.001	0.03	0.001	0.4	15967	SMI10000235
K-10-146	390.00	392.00	1065	3	0.005	0.11	0.003	0.9	15968	SMI10000235
K-10-146	392.00	394.10	400	1	0.002	0.04	0.001	0.4	15969	SMI10000235
K-10-146	394.10	396.00	1210	0	0.004	0.12	0.000	1.1	15970	SMI10000235
K-10-146	396.00	398.00	401	0	0.006	0.04	0.000	0.4	15971	SMI10000235
K-10-146	398.00	400.00	394	3	0.013	0.04	0.003	0.3	15972	SMI10000235
K-10-146	400.00	402.00	2090	6	0.005	0.21	0.006	1.6	15973	SMI10000235
K-10-146	402.00	404.00	1176	4	0.002	0.12	0.004	1.2	15974	SMI10000235
K-10-146	404.00	406.00	1437	6	0.004	0.14	0.006	1.1	15975	SMI10000235
K-10-146	406.00	408.00	3110	9	0.007	0.31	0.009	2.2	15976	SMI10000235
K-10-146	408.00	410.00	2380	7	0.006	0.24	0.007	1.8	15977	SMI10000235
K-10-146	410.00	412.00	1012	3	0.008	0.10	0.003	0.9	15978	SMI10000235
K-10-146	412.00	414.00	2850	6	0.002	0.29	0.006	2.1	15979	SMI10000235
K-10-146	414.00	416.00	8970	10	0.003	0.90	0.010	5.8	15981	SMI10000235
K-10-146	416.00	418.00	3540	11	0.003	0.35	0.011	3.0	15982	SMI10000235
K-10-146	418.00	420.00	2440	21	0.004	0.24	0.021	1.6	15983	SMI10000235
K-10-146	420.00	422.00	3630	38	0.012	0.36	0.038	2.7	15984	SMI10000235
K-10-146	422.00	424.00	2730	9	0.007	0.27	0.009	2.6	15985	SMI10000235
K-10-146	424.00	425.60	1835	13	0.004	0.18	0.013	1.7	15986	SMI10000235
K-10-146	425.60	428.00	1247	41	0.003	0.12	0.041	1.0	15987	SMI10000235
K-10-146	428.00	430.00	456	15	0.003	0.05	0.015	0.7	15988	SMI10000235
K-10-146	430.00	432.00	809	15	0.004	0.08	0.015	0.6	15989	SMI10000235
K-10-146	432.00	434.00	348	4	0.004	0.03	0.004	0.5	15990	SMI10000235
K-10-146	434.00	436.00	306	4	0.004	0.03	0.004	0.3	15991	SMI10000235
K-10-146	436.00	438.00	276	6	0.001	0.03	0.006	0.3	15992	SMI10000235
K-10-146	438.00	440.00	175	3	0.001	0.02	0.003	0.1	15993	SMI10000235
K-10-146	440.00	442.00	507	5	0.004	0.05	0.005	0.6	15994	SMI10000235
K-10-146	442.00	444.00	510	8	0.003	0.05	0.008	0.4	15996	SMI10000235
K-10-146	444.00	446.00	607	7	0.001	0.06	0.007	0.4	15997	SMI10000235
K-10-146	446.00	448.00	265	5	0.001	0.03	0.005	0.3	15998	SMI10000235
K-10-146	448.00	450.00	314	4	0.001	0.03	0.004	0.2	15999	SMI10000235
K-10-146	450.00	452.00	2900	24	0.002	0.29	0.024	3.2	16000	SMI10000235
K-10-146	452.00	453.35	771	8	0.001	0.08	0.008	0.7	16001	SMI10000235
K-10-146	453.35	455.00	376	2	0.003	0.04	0.002	0.4	16002	SMI10000235
K-10-146	455.00	456.00	1692	32	0.002	0.17	0.032	1.7	16003	SMI10000235
K-10-146	456.00	458.00	716	12	0.001	0.07	0.012	0.8	16004	SMI10000235
K-10-146	458.00	460.00	1625	21	0.004	0.16	0.021	1.2	16005	SMI10000235
K-10-146	460.00	462.00	1324	33	0.003	0.13	0.033	1.0	16006	SMI10000235
K-10-146	462.00	464.00	1021	9	0.001	0.10	0.009	0.9	16007	SMI10000235
K-10-146	464.00	466.00	803	10	0.002	0.08	0.010	0.5	16008	SMI10000235
K-10-146	466.00	468.00	986	13	0.007	0.10	0.013	0.7	16009	SMI10000235
K-10-146	468.00	470.00	592	12	0.003	0.06	0.012	0.4	16011	SMI10000235
K-10-146	470.00	472.00	481	8	0.009	0.05	0.008	0.4	16012	SMI10000235
K-10-146	472.00	474.00	534	10	0.002	0.05	0.010	0.5	16013	SMI10000235
K-10-146	474.00	476.00	93	1	0.000	0.01	0.001	0.0	16014	SMI10000235
K-10-146	476.00	478.00	604	10	0.001	0.06	0.010	0.5	16015	SMI10000235
K-10-146	478.00	480.00	1878	19	0.014	0.19	0.019	1.4	16016	SMI10000235
K-10-146	480.00	482.00	317	30	0.001	0.03	0.030	0.4	16017	SMI10000235
K-10-146	482.00	484.02	1239	33	0.002	0.12	0.033	1.1	16018	SMI10000235
K-10-147	24.38	27.15	1769	150	0.013	0.18	0.150	1.2	538001	SMI10000236
K-10-147	27.15	29.00	2900	67	0.018	0.29	0.067	2.0	538002	SMI10000236
K-10-147	29.00	31.00	825	27	0.011	0.08	0.027	0.6	538003	SMI10000236
K-10-147	31.00	33.00	1002	29	0.016	0.10	0.029	0.8	538004	SMI10000236
K-10-147	33.00	35.00	1679	71	0.015	0.17	0.071	1.5	538005	SMI10000236
K-10-147	35.00	37.20	704	31	0.012	0.07	0.031	0.6	538006	SMI10000236
K-10-147	37.20	39.30	860	33	0.010	0.09	0.033	0.7	538007	SMI10000236
K-10-147	39.30	41.00	793	33	0.003	0.08	0.033	0.6	538008	SMI10000236
K-10-147	41.00	43.00	1485	59	0.025	0.15	0.059	1.9	538009	SMI10000236
K-10-147	43.00	45.00	684	21	0.006	0.07	0.021	0.6	538010	SMI10000236
K-10-147	45.00	47.00	191	8	0.005	0.02	0.008	0.2	538011	SMI10000236
K-10-147	47.00	49.05	407	13	0.004	0.04	0.013	0.3	538012	SMI10000236

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-147	49.05	51.05	766	13	0.002	0.08	0.013	0.6	538013	SMI10000236
K-10-147	51.05	53.60	1262	19	0.001	0.13	0.019	1.0	538014	SMI10000236
K-10-147	53.60	55.50	776	64	0.009	0.08	0.064	0.6	538016	SMI10000236
K-10-147	55.50	57.50	431	43	0.012	0.04	0.043	0.4	538017	SMI10000236
K-10-147	57.50	59.50	324	23	0.017	0.03	0.023	0.2	538018	SMI10000236
K-10-147	59.50	61.50	437	19	0.006	0.04	0.019	0.4	538019	SMI10000236
K-10-147	61.50	63.50	587	7	0.001	0.06	0.007	0.4	538020	SMI10000236
K-10-147	63.50	65.50	219	5	0.001	0.02	0.005	0.3	538021	SMI10000236
K-10-147	65.50	67.65	120	6	0.007	0.01	0.006	0.2	538022	SMI10000236
K-10-147	67.65	69.00	104	8	0.006	0.01	0.008	0.4	538023	SMI10000236
K-10-147	69.00	71.00	165	15	0.007	0.02	0.015	0.4	538024	SMI10000236
K-10-147	71.00	73.00	626	22	0.045	0.06	0.022	0.5	538025	SMI10000236
K-10-147	73.00	75.55	980	26	0.017	0.10	0.026	0.8	538026	SMI10000236
K-10-147	75.55	77.00	858	13	0.002	0.09	0.013	0.6	538027	SMI10000236
K-10-147	77.00	79.00	366	12	0.001	0.04	0.012	0.3	538028	SMI10000236
K-10-147	79.00	81.00	2160	30	0.002	0.22	0.030	1.6	538029	SMI10000236
K-10-147	81.00	83.00	696	19	0.008	0.07	0.019	0.5	538031	SMI10000236
K-10-147	83.00	85.00	129	11	0.002	0.01	0.011	0.1	538032	SMI10000236
K-10-147	85.00	87.00	209	7	0.003	0.02	0.007	0.2	538033	SMI10000236
K-10-147	87.00	89.00	255	6	0.002	0.03	0.006	0.2	538034	SMI10000236
K-10-147	89.00	91.00	150	3	0.008	0.01	0.003	0.1	538035	SMI10000236
K-10-147	91.00	93.00	278	6	0.003	0.03	0.006	0.3	538036	SMI10000236
K-10-147	93.00	95.00	206	5	0.001	0.02	0.005	0.1	538037	SMI10000236
K-10-147	95.00	97.00	231	7	0.005	0.02	0.007	0.1	538038	SMI10000236
K-10-147	97.00	99.00	484	17	0.003	0.05	0.017	0.2	538039	SMI10000236
K-10-147	99.00	101.00	233	30	0.000	0.02	0.030	0.1	538040	SMI10000236
K-10-147	101.00	103.00	221	6	0.004	0.02	0.006	0.2	538041	SMI10000236
K-10-147	103.00	105.00	276	8	0.005	0.03	0.008	0.2	538042	SMI10000236
K-10-147	105.00	107.00	367	16	0.016	0.04	0.016	0.4	538043	SMI10000236
K-10-147	107.00	109.00	350	12	0.008	0.03	0.012	0.3	538044	SMI10000236
K-10-147	109.00	111.00	1119	19	0.002	0.11	0.019	0.4	538046	SMI10000236
K-10-147	111.00	113.00	301	5	0.021	0.03	0.005	0.5	538047	SMI10000236
K-10-147	113.00	114.60	197	3	0.005	0.02	0.003	0.1	538048	SMI10000236
K-10-147	114.60	116.00	4640	20	0.218	0.46	0.020	1.2	538049	SMI10000236
K-10-147	116.00	118.00	248	8	0.027	0.02	0.008	0.2	538050	SMI10000236
K-10-147	118.00	120.00	541	7	0.002	0.05	0.007	0.4	538051	SMI10000236
K-10-147	120.00	122.00	152	5	0.022	0.02	0.005	0.0	538052	SMI10000236
K-10-147	122.00	124.00	392	8	0.019	0.04	0.008	0.4	538053	SMI10000236
K-10-147	124.00	126.00	263	6	0.007	0.03	0.006	0.6	538054	SMI10000236
K-10-147	126.00	128.00	274	6	0.012	0.03	0.006	0.3	538055	SMI10000236
K-10-147	128.00	130.00	301	7	0.001	0.03	0.007	0.3	538056	SMI10000236
K-10-147	130.00	132.00	306	13	0.006	0.03	0.013	0.3	538057	SMI10000236
K-10-147	132.00	134.00	103	5	0.001	0.01	0.005	0.0	538058	SMI10000236
K-10-147	134.00	136.00	228	10	0.003	0.02	0.010	0.2	538059	SMI10000236
K-10-147	136.00	138.00	157	7	0.002	0.02	0.007	0.2	538061	SMI10000236
K-10-147	138.00	141.25	151	9	0.007	0.02	0.009	0.5	538062	SMI10000236
K-10-147	141.25	144.00	303	11	0.009	0.03	0.011	0.3	538063	SMI10000236
K-10-147	144.00	146.00	336	7	0.005	0.03	0.007	0.3	538064	SMI10000236
K-10-147	146.00	148.00	265	9	0.003	0.03	0.009	0.2	538065	SMI10000236
K-10-147	148.00	150.00	284	10	0.003	0.03	0.010	0.3	538066	SMI10000236
K-10-147	150.00	152.00	308	28	0.003	0.03	0.028	0.3	538067	SMI10000236
K-10-147	152.00	154.00	262	4	0.003	0.03	0.004	0.3	538068	SMI10000236
K-10-147	154.00	156.00	583	51	0.004	0.06	0.051	0.6	538069	SMI10000236
K-10-147	156.00	158.00	381	6	0.078	0.04	0.006	0.2	538070	SMI10000236
K-10-147	158.00	160.20	51	7	0.009	0.01	0.007	0.1	538071	SMI10000236
K-10-147	160.20	162.00	44	7	0.004	0.00	0.007	0.0	538072	SMI10000236
K-10-147	162.00	164.00	392	11	0.005	0.04	0.011	0.6	538073	SMI10000236
K-10-147	164.00	166.00	193	5	0.003	0.02	0.005	0.3	538074	SMI10000236
K-10-147	166.00	167.70	75	6	0.001	0.01	0.006	0.1	538076	SMI10000236
K-10-147	167.70	170.00	105	3	0.000	0.01	0.003	0.0	538077	SMI10000236
K-10-147	170.00	172.00	196	6	0.009	0.02	0.006	0.2	538078	SMI10000236
K-10-147	172.00	174.00	48	2	0.003	0.00	0.002	0.0	538079	SMI10000236
K-10-147	174.00	176.00	76	5	0.001	0.01	0.005	0.0	538080	SMI10000236
K-10-147	176.00	178.00	118	3	0.001	0.01	0.003	0.1	538081	SMI10000236

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-147	178.00	180.00	159	4	0.001	0.02	0.004	0.1	538082	SMI10000236
K-10-147	180.00	182.00	215	4	0.000	0.02	0.004	0.3	538083	SMI10000236
K-10-147	182.00	184.00	142	3	0.000	0.01	0.003	0.1	538084	SMI10000236
K-10-147	184.00	187.00	90	6	0.000	0.01	0.006	0.0	538085	SMI10000236
K-10-147	187.00	189.00	59	6	0.000	0.01	0.006	0.0	538086	SMI10000236
K-10-147	189.00	191.00	88	4	0.001	0.01	0.004	0.1	538087	SMI10000236
K-10-147	191.00	193.00	46	9	0.001	0.00	0.009	0.0	538088	SMI10000236
K-10-147	193.00	195.00	53	4	0.001	0.01	0.004	0.0	538089	SMI10000236
K-10-147	195.00	197.80	285	12	0.003	0.03	0.012	0.2	538091	SMI10000236
K-10-147	197.80	200.00	117	7	0.001	0.01	0.007	0.2	538092	SMI10000236
K-10-147	200.00	202.00	327	6	0.001	0.03	0.006	0.2	538093	SMI10000236
K-10-147	202.00	204.00	34	3	0.002	0.00	0.003	0.0	538094	SMI10000236
K-10-147	204.00	206.00	207	4	0.001	0.02	0.004	0.1	538095	SMI10000236
K-10-147	206.00	208.00	152	5	0.002	0.02	0.005	0.0	538096	SMI10000236
K-10-147	208.00	210.00	146	5	0.003	0.01	0.005	0.1	538097	SMI10000236
K-10-147	210.00	212.00	268	5	0.001	0.03	0.005	0.3	538098	SMI10000236
K-10-147	212.00	214.00	111	3	0.001	0.01	0.003	0.1	538099	SMI10000236
K-10-147	214.00	216.00	73	2	0.001	0.01	0.002	0.0	538100	SMI10000236
K-10-147	216.00	218.00	261	4	0.003	0.03	0.004	0.3	538101	SMI10000236
K-10-147	218.00	220.00	204	4	0.001	0.02	0.004	0.5	538102	SMI10000236
K-10-147	220.00	222.00	133	3	0.001	0.01	0.003	0.2	538103	SMI10000236
K-10-147	222.00	224.00	381	7	0.001	0.04	0.007	0.7	538104	SMI10000236
K-10-147	224.00	226.00	2220	32	0.047	0.22	0.032	1.6	538106	SMI10000236
K-10-147	226.00	228.00	204	6	0.003	0.02	0.006	0.2	538107	SMI10000236
K-10-147	228.00	230.00	295	11	0.002	0.03	0.011	0.3	538108	SMI10000236
K-10-147	230.00	232.00	436	34	0.000	0.04	0.034	0.3	538109	SMI10000236
K-10-147	232.00	234.39	569	24	0.000	0.06	0.024	0.7	538110	SMI10000236
K-10-148	45.10	46.00	144	11	0.000	0.01	0.011	0.2	536019	SMI10000237
K-10-148	46.00	48.00	143	10	0.000	0.01	0.010	0.2	536020	SMI10000237
K-10-148	48.00	50.00	572	27	0.000	0.06	0.027	1.2	536021	SMI10000237
K-10-148	50.00	52.00	74	6	0.000	0.01	0.006	0.2	536022	SMI10000237
K-10-148	52.00	54.00	162	15	0.000	0.02	0.015	0.2	536023	SMI10000237
K-10-148	54.00	56.00	91	6	0.000	0.01	0.006	0.2	536024	SMI10000237
K-10-148	56.00	58.00	352	13	0.000	0.04	0.013	0.4	536025	SMI10000237
K-10-148	58.00	59.10	496	25	0.000	0.05	0.025	0.6	536026	SMI10000237
K-10-148	59.10	61.80	415	49	0.001	0.04	0.049	0.8	536027	SMI10000237
K-10-148	61.80	64.00	274	21	0.000	0.03	0.021	0.3	536028	SMI10000237
K-10-148	64.00	66.00	451	233	0.001	0.05	0.233	0.5	536029	SMI10000237
K-10-148	66.00	68.00	121	27	0.000	0.01	0.027	0.2	536030	SMI10000237
K-10-148	68.00	70.00	97	12	0.000	0.01	0.012	0.1	536031	SMI10000237
K-10-148	70.00	72.00	105	4	0.000	0.01	0.004	0.2	536032	SMI10000237
K-10-148	72.00	74.00	66	6	0.000	0.01	0.006	0.0	536033	SMI10000237
K-10-148	74.00	76.00	149	7	0.000	0.01	0.007	0.2	536034	SMI10000237
K-10-148	76.00	78.00	129	8	0.000	0.01	0.008	0.2	536036	SMI10000237
K-10-148	78.00	80.00	71	4	0.000	0.01	0.004	0.1	536037	SMI10000237
K-10-148	80.00	82.00	78	5	0.000	0.01	0.005	0.2	536038	SMI10000237
K-10-148	82.00	83.40	666	17	0.000	0.07	0.017	1.0	536039	SMI10000237
K-10-148	83.40	85.00	582	155	0.001	0.06	0.155	1.9	536040	SMI10000237
K-10-148	85.00	86.90	119	51	0.000	0.01	0.051	0.5	536041	SMI10000237
K-10-148	86.90	88.00	193	0	0.000	0.02	0.000	0.3	536042	SMI10000237
K-10-148	88.00	90.00	192	34	0.000	0.02	0.034	0.2	536043	SMI10000237
K-10-148	90.00	92.00	257	12	0.000	0.03	0.012	0.4	536044	SMI10000237
K-10-148	92.00	94.00	220	13	0.000	0.02	0.013	0.3	536045	SMI10000237
K-10-148	94.00	96.00	343	19	0.000	0.03	0.019	2.2	536046	SMI10000237
K-10-148	96.00	98.00	507	12	0.000	0.05	0.012	0.6	536047	SMI10000237
K-10-148	98.00	100.00	796	34	0.000	0.08	0.034	1.2	536048	SMI10000237
K-10-148	100.00	102.00	347	13	0.000	0.03	0.013	0.4	536050	SMI10000237
K-10-148	102.00	103.00	442	28	0.000	0.04	0.028	1.9	536051	SMI10000237
K-10-148	103.00	105.00	632	122	0.001	0.06	0.122	1.4	536052	SMI10000237
K-10-148	105.00	107.00	955	1596	0.001	0.10	1.596	5.1	536053	SMI10000237
K-10-148	107.00	109.00	1308	140	0.002	0.13	0.140	2.4	536054	SMI10000237
K-10-148	109.00	111.10	2430	63	0.001	0.24	0.063	2.8	536055	SMI10000237
K-10-148	111.10	112.00	318	10	0.001	0.03	0.010	0.2	536056	SMI10000237
K-10-148	112.00	114.00	741	16	0.001	0.07	0.016	0.6	536057	SMI10000237

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-148	114.00	116.00	843	36	0.001	0.08	0.036	0.8	536058	SMI10000237
K-10-148	116.00	118.00	440	21	0.000	0.04	0.021	0.4	536059	SMI10000237
K-10-148	118.00	120.00	555	22	0.002	0.06	0.022	0.5	536060	SMI10000237
K-10-148	120.00	122.00	1061	94	0.002	0.11	0.094	1.0	536061	SMI10000237
K-10-148	122.00	124.00	1472	50	0.002	0.15	0.050	1.7	536062	SMI10000237
K-10-148	124.00	126.00	1534	35	0.008	0.15	0.035	1.3	536063	SMI10000237
K-10-148	126.00	128.00	1179	39	0.009	0.12	0.039	1.0	536065	SMI10000237
K-10-148	128.00	130.00	2220	105	0.004	0.22	0.105	2.8	536066	SMI10000237
K-10-148	130.00	132.00	913	50	0.002	0.09	0.050	1.0	536067	SMI10000237
K-10-148	132.00	134.00	1279	81	0.003	0.13	0.081	1.5	536068	SMI10000237
K-10-148	134.00	136.00	3350	114	0.004	0.34	0.114	3.1	536069	SMI10000237
K-10-148	136.00	138.00	1633	54	0.002	0.16	0.054	1.4	536070	SMI10000237
K-10-148	138.00	140.00	1649	66	0.005	0.16	0.066	2.0	536071	SMI10000237
K-10-148	140.00	142.00	1826	42	0.001	0.18	0.042	1.6	536072	SMI10000237
K-10-148	142.00	144.00	1380	40	0.001	0.14	0.040	1.3	536073	SMI10000237
K-10-148	144.00	144.90	2550	83	0.004	0.26	0.083	2.3	536074	SMI10000237
K-10-148	144.90	146.00	4520	1503	0.002	0.45	1.503	22.5	536075	SMI10000237
K-10-148	146.00	148.15	3700	648	0.002	0.37	0.648	15.2	536076	SMI10000237
K-10-148	148.15	150.00	516	29	0.000	0.05	0.029	0.7	536077	SMI10000237
K-10-148	150.00	152.00	636	66	0.001	0.06	0.066	1.0	536078	SMI10000237
K-10-148	152.00	154.00	1145	257	0.004	0.11	0.257	3.8	536080	SMI10000237
K-10-148	154.00	156.00	1404	93	0.001	0.14	0.093	2.3	536081	SMI10000237
K-10-148	156.00	158.00	1391	134	0.001	0.14	0.134	2.3	536082	SMI10000237
K-10-148	158.00	160.00	798	26	0.001	0.08	0.026	1.0	536083	SMI10000237
K-10-148	160.00	162.00	1318	35	0.000	0.13	0.035	1.0	536084	SMI10000237
K-10-148	162.00	164.00	1196	35	0.001	0.12	0.035	1.2	536085	SMI10000237
K-10-148	164.00	166.00	822	74	0.004	0.08	0.074	1.2	536086	SMI10000237
K-10-148	166.00	168.00	637	45	0.006	0.06	0.045	1.1	536087	SMI10000237
K-10-148	168.00	170.00	710	49	0.003	0.07	0.049	0.7	536088	SMI10000237
K-10-148	170.00	172.00	1330	157	0.003	0.13	0.157	2.3	536089	SMI10000237
K-10-148	172.00	173.70	323	15	0.001	0.03	0.015	0.4	536090	SMI10000237
K-10-148	173.70	176.50	7400	867	0.002	0.74	0.867	14.4	536091	SMI10000237
K-10-148	176.50	178.00	985	66	0.001	0.10	0.066	0.8	536092	SMI10000237
K-10-148	178.00	180.00	446	26	0.001	0.04	0.026	0.3	536093	SMI10000237
K-10-148	180.00	182.00	643	28	0.001	0.06	0.028	0.4	536095	SMI10000237
K-10-148	182.00	184.70	970	85	0.001	0.10	0.085	0.8	536096	SMI10000237
K-10-148	184.70	187.10	1116	114	0.004	0.11	0.114	1.8	536097	SMI10000237
K-10-148	187.10	190.00	699	33	0.001	0.07	0.033	0.6	536098	SMI10000237
K-10-148	190.00	192.00	588	77	0.001	0.06	0.077	0.7	536099	SMI10000237
K-10-148	192.00	194.00	1249	124	0.003	0.12	0.124	1.3	536100	SMI10000237
K-10-148	194.00	196.00	1192	86	0.008	0.12	0.086	1.2	536101	SMI10000237
K-10-148	196.00	198.00	1431	88	0.007	0.14	0.088	1.6	536102	SMI10000237
K-10-148	198.00	200.00	921	167	0.002	0.09	0.167	2.0	536103	SMI10000237
K-10-148	200.00	202.00	1465	188	0.001	0.15	0.188	2.1	536104	SMI10000237
K-10-148	202.00	204.00	636	51	0.001	0.06	0.051	0.8	536105	SMI10000237
K-10-148	204.00	206.00	501	187	0.001	0.05	0.187	2.4	536106	SMI10000237
K-10-148	206.00	208.00	657	36	0.001	0.07	0.036	0.6	536107	SMI10000237
K-10-148	208.00	210.00	932	47	0.001	0.09	0.047	1.0	536108	SMI10000237
K-10-148	210.00	212.00	1904	87	0.028	0.19	0.087	2.0	536109	SMI10000237
K-10-148	212.00	214.00	881	42	0.009	0.09	0.042	0.9	536110	SMI10000237
K-10-148	214.00	216.00	787	28	0.005	0.08	0.028	0.7	536111	SMI10000237
K-10-148	216.00	218.00	1075	50	0.003	0.11	0.050	1.0	536112	SMI10000237
K-10-148	218.00	220.00	1192	64	0.005	0.12	0.064	1.3	536113	SMI10000237
K-10-148	220.00	223.40	1405	65	0.003	0.14	0.065	1.4	536114	SMI10000237
K-10-148	223.40	225.05	462	18	0.001	0.05	0.018	0.4	536116	SMI10000237
K-10-148	225.05	228.05	1016	76	0.005	0.10	0.076	1.0	536117	SMI10000237
K-10-148	228.05	229.35	422	20	0.001	0.04	0.020	0.7	536118	SMI10000237
K-10-148	229.35	232.00	953	87	0.003	0.10	0.087	0.8	536119	SMI10000237
K-10-148	232.00	234.00	1223	83	0.010	0.12	0.083	1.1	536120	SMI10000237
K-10-148	234.00	236.00	907	94	0.007	0.09	0.094	0.8	536121	SMI10000237
K-10-148	236.00	238.00	1682	228	0.005	0.17	0.228	1.6	536122	SMI10000237
K-10-148	238.00	240.00	1330	63	0.005	0.13	0.063	1.3	536123	SMI10000237
K-10-148	240.00	242.00	844	45	0.003	0.08	0.045	0.8	536124	SMI10000237
K-10-148	242.00	244.00	1225	81	0.001	0.12	0.081	1.1	536125	SMI10000237

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-148	244.00	246.00	995	85	0.009	0.10	0.085	0.9	536126	SMI10000237
K-10-148	246.00	248.00	1090	52	0.002	0.11	0.052	0.9	536127	SMI10000237
K-10-148	248.00	249.52	1157	64	0.015	0.12	0.064	0.9	536128	SMI10000237
K-10-148	249.52	252.00	1635	112	0.002	0.16	0.112	1.4	536129	SMI10000237
K-10-148	252.00	254.00	848	133	0.068	0.08	0.133	0.8	536131	SMI10000237
K-10-148	254.00	256.00	1741	222	0.007	0.17	0.222	1.6	536132	SMI10000237
K-10-148	256.00	257.55	2620	277	0.018	0.26	0.277	2.3	536133	SMI10000237
K-10-148	257.55	258.67	491	21	0.001	0.05	0.021	0.4	536134	SMI10000237
K-10-148	258.67	261.00	1390	52	0.005	0.14	0.052	1.1	536135	SMI10000237
K-10-148	261.00	262.00	1332	51	0.002	0.13	0.051	0.9	536136	SMI10000237
K-10-148	262.00	264.00	1474	65	0.002	0.15	0.065	1.0	536137	SMI10000237
K-10-148	264.00	265.65	1394	59	0.004	0.14	0.059	1.0	536138	SMI10000237
K-10-148	265.65	268.00	1634	74	0.028	0.16	0.074	1.2	536139	SMI10000237
K-10-148	268.00	270.00	4390	170	0.004	0.44	0.170	2.9	536140	SMI10000237
K-10-148	270.00	272.00	1749	76	0.021	0.17	0.076	1.1	536141	SMI10000237
K-10-148	272.00	274.00	4110	234	0.005	0.41	0.234	2.4	536142	SMI10000237
K-10-148	274.00	276.00	1275	58	0.003	0.13	0.058	0.8	536143	SMI10000237
K-10-148	276.00	278.00	1504	74	0.006	0.15	0.074	0.9	536144	SMI10000237
K-10-148	278.00	280.00	2060	83	0.014	0.21	0.083	1.3	536146	SMI10000237
K-10-148	280.00	282.00	2100	112	0.004	0.21	0.112	1.5	536147	SMI10000237
K-10-148	282.00	284.00	1866	67	0.010	0.19	0.067	1.2	536148	SMI10000237
K-10-148	284.00	286.00	2240	66	0.008	0.22	0.066	1.5	536149	SMI10000237
K-10-148	286.00	288.00	1359	62	0.007	0.14	0.062	0.9	536150	SMI10000237
K-10-148	288.00	290.00	2440	108	0.003	0.24	0.108	1.8	536151	SMI10000237
K-10-148	290.00	292.00	1578	94	0.004	0.16	0.094	1.2	536152	SMI10000237
K-10-148	292.00	294.00	1515	78	0.012	0.15	0.078	1.2	536153	SMI10000237
K-10-148	294.00	296.00	2720	138	0.021	0.27	0.138	2.1	536154	SMI10000237
K-10-148	296.00	298.00	1535	70	0.002	0.15	0.070	1.2	536155	SMI10000237
K-10-148	298.00	300.00	2810	94	0.005	0.28	0.094	1.9	536156	SMI10000237
K-10-148	300.00	302.00	2880	106	0.012	0.29	0.106	2.2	536157	SMI10000237
K-10-148	302.00	304.00	1256	60	0.005	0.13	0.060	1.1	536158	SMI10000237
K-10-148	304.00	306.00	1452	60	0.006	0.15	0.060	1.1	536159	SMI10000237
K-10-148	306.00	308.00	1689	70	0.001	0.17	0.070	1.3	536161	SMI10000237
K-10-148	308.00	310.00	1454	61	0.001	0.15	0.061	1.2	536162	SMI10000237
K-10-148	310.00	312.00	1687	64	0.006	0.17	0.064	1.2	536163	SMI10000237
K-10-148	312.00	314.00	1149	53	0.001	0.11	0.053	0.8	536164	SMI10000237
K-10-148	314.00	316.00	1865	71	0.003	0.19	0.071	1.4	536165	SMI10000237
K-10-148	316.00	318.00	2030	71	0.005	0.20	0.071	1.4	536166	SMI10000237
K-10-148	318.00	320.00	1439	51	0.006	0.14	0.051	1.2	536167	SMI10000237
K-10-148	320.00	322.00	1415	48	0.003	0.14	0.048	1.0	536168	SMI10000237
K-10-148	322.00	324.00	2240	95	0.003	0.22	0.095	1.5	536169	SMI10000237
K-10-148	324.00	325.42	1917	71	0.026	0.19	0.071	1.6	536170	SMI10000237
K-10-148	325.42	328.00	704	23	0.002	0.07	0.023	0.7	536171	SMI10000237
K-10-148	328.00	330.00	596	26	0.004	0.06	0.026	0.9	536172	SMI10000237
K-10-148	330.00	332.00	265	14	0.001	0.03	0.014	0.2	536173	SMI10000237
K-10-148	332.00	334.00	686	42	0.001	0.07	0.042	0.7	536174	SMI10000237
K-10-148	334.00	336.00	446	20	0.002	0.04	0.020	0.3	536176	SMI10000237
K-10-148	336.00	338.00	467	25	0.002	0.05	0.025	0.4	536177	SMI10000237
K-10-148	338.00	340.36	814	45	0.005	0.08	0.045	0.7	536178	SMI10000237
K-10-148	340.36	342.00	2640	131	0.004	0.26	0.131	1.7	536179	SMI10000237
K-10-148	342.00	344.00	1415	63	0.006	0.14	0.063	1.1	536180	SMI10000237
K-10-148	344.00	346.00	2050	118	0.004	0.21	0.118	1.5	536181	SMI10000237
K-10-148	346.00	348.00	1979	249	0.006	0.20	0.249	4.0	536182	SMI10000237
K-10-148	348.00	350.00	2120	54	0.005	0.21	0.054	1.6	536183	SMI10000237
K-10-148	350.00	352.00	1958	66	0.004	0.20	0.066	1.5	536184	SMI10000237
K-10-148	352.00	354.00	1127	56	0.007	0.11	0.056	0.9	536185	SMI10000237
K-10-148	354.00	356.00	987	48	0.007	0.10	0.048	0.7	536186	SMI10000237
K-10-148	356.00	358.00	2190	68	0.004	0.22	0.068	1.4	536187	SMI10000237
K-10-148	358.00	360.00	863	29	0.006	0.09	0.029	0.6	536188	SMI10000237
K-10-148	360.00	362.00	1486	29	0.005	0.15	0.029	0.9	536189	SMI10000237
K-10-148	362.00	364.00	910	20	0.029	0.09	0.020	0.8	536191	SMI10000237
K-10-148	364.00	366.00	796	19	0.001	0.08	0.019	0.7	536192	SMI10000237
K-10-148	366.00	368.00	541	23	0.000	0.05	0.023	0.5	536193	SMI10000237
K-10-148	368.00	370.00	707	12	0.001	0.07	0.012	0.7	536194	SMI10000237

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-148	370.00	372.00	749	16	0.001	0.07	0.016	0.6	536195	SMI10000237
K-10-148	372.00	374.00	576	15	0.000	0.06	0.015	0.7	536196	SMI10000237
K-10-148	374.00	376.00	349	6	0.001	0.03	0.006	0.3	536197	SMI10000237
K-10-148	376.00	378.00	192	2	0.000	0.02	0.002	0.2	536198	SMI10000237
K-10-148	378.00	380.00	467	8	0.001	0.05	0.008	0.4	536199	SMI10000237
K-10-148	380.00	382.00	424	1	0.001	0.04	0.001	0.4	536200	SMI10000237
K-10-148	382.00	384.00	1120	13	0.000	0.11	0.013	1.3	536201	SMI10000237
K-10-148	384.00	386.48	214	3	0.003	0.02	0.003	0.2	536202	SMI10000237
K-10-149	43.28	45.00	260	50	0.000	0.03	0.050	0.8	538111	SMI10000238
K-10-149	45.00	47.00	210	11	0.000	0.02	0.011	0.4	538112	SMI10000238
K-10-149	47.00	49.00	175	19	0.007	0.02	0.019	0.7	538113	SMI10000238
K-10-149	49.00	51.00	304	20	0.000	0.03	0.020	0.6	538114	SMI10000238
K-10-149	51.00	53.00	214	12	0.000	0.02	0.012	0.3	538115	SMI10000238
K-10-149	53.00	55.00	277	25	0.000	0.03	0.025	0.8	538116	SMI10000238
K-10-149	55.00	57.00	125	3	0.002	0.01	0.003	0.2	538117	SMI10000238
K-10-149	57.00	59.00	69	11	0.001	0.01	0.011	0.2	538118	SMI10000238
K-10-149	59.00	61.00	34	8	0.001	0.00	0.008	0.1	538119	SMI10000238
K-10-149	61.00	62.55	115	2	0.000	0.01	0.002	0.1	538121	SMI10000238
K-10-149	62.55	65.00	98	4	0.000	0.01	0.004	0.1	538122	SMI10000238
K-10-149	65.00	67.00	114	12	0.000	0.01	0.012	0.2	538123	SMI10000238
K-10-149	67.00	69.00	166	50	0.000	0.02	0.050	0.4	538124	SMI10000238
K-10-149	69.00	71.00	222	15	0.000	0.02	0.015	0.3	538125	SMI10000238
K-10-149	71.00	73.00	128	17	0.000	0.01	0.017	0.3	538126	SMI10000238
K-10-149	73.00	75.00	273	18	0.000	0.03	0.018	0.5	538127	SMI10000238
K-10-149	75.00	77.00	128	7	0.000	0.01	0.007	0.2	538128	SMI10000238
K-10-149	77.00	79.00	125	4	0.000	0.01	0.004	0.1	538129	SMI10000238
K-10-149	79.00	81.00	55	5	0.000	0.01	0.005	0.0	538130	SMI10000238
K-10-149	81.00	83.00	127	12	0.000	0.01	0.012	0.1	538131	SMI10000238
K-10-149	83.00	85.00	103	5	0.000	0.01	0.005	0.1	538132	SMI10000238
K-10-149	85.00	87.00	136	9	0.000	0.01	0.009	0.2	538133	SMI10000238
K-10-149	87.00	89.00	154	22	0.001	0.02	0.022	0.6	538134	SMI10000238
K-10-149	89.00	91.00	140	22	0.000	0.01	0.022	0.5	538136	SMI10000238
K-10-149	91.00	92.80	102	57	0.003	0.01	0.057	0.6	538137	SMI10000238
K-10-149	92.80	95.00	144	11	0.000	0.01	0.011	0.2	538138	SMI10000238
K-10-149	95.00	97.70	130	5	0.000	0.01	0.005	0.1	538139	SMI10000238
K-10-149	97.70	100.00	194	9	0.000	0.02	0.009	0.2	538140	SMI10000238
K-10-149	100.00	102.00	272	14	0.000	0.03	0.014	0.3	538141	SMI10000238
K-10-149	102.00	104.00	215	9	0.000	0.02	0.009	0.3	538142	SMI10000238
K-10-149	104.00	106.00	2290	42	0.000	0.23	0.042	2.9	538143	SMI10000238
K-10-149	106.00	108.00	125	18	0.000	0.01	0.018	0.3	538144	SMI10000238
K-10-149	108.00	109.30	52	6	0.000	0.01	0.006	0.1	538145	SMI10000238
K-10-149	109.30	111.25	226	46	0.001	0.02	0.046	0.6	538146	SMI10000238
K-10-149	111.25	113.00	95	5	0.000	0.01	0.005	0.1	538147	SMI10000238
K-10-149	113.00	115.00	78	7	0.000	0.01	0.007	0.1	538148	SMI10000238
K-10-149	115.00	117.00	324	28	0.001	0.03	0.028	0.4	538149	SMI10000238
K-10-149	117.00	119.00	745	76	0.001	0.07	0.076	1.1	538151	SMI10000238
K-10-149	119.00	121.00	173	12	0.000	0.02	0.012	0.4	538152	SMI10000238
K-10-149	121.00	123.00	96	7	0.000	0.01	0.007	0.1	538153	SMI10000238
K-10-149	123.00	125.00	84	5	0.000	0.01	0.005	0.1	538154	SMI10000238
K-10-149	125.00	127.00	348	26	0.000	0.03	0.026	0.5	538155	SMI10000238
K-10-149	127.00	129.00	109	6	0.000	0.01	0.006	0.2	538156	SMI10000238
K-10-149	129.00	131.00	97	9	0.000	0.01	0.009	0.2	538157	SMI10000238
K-10-149	131.00	133.00	69	9	0.000	0.01	0.009	0.2	538158	SMI10000238
K-10-149	133.00	134.95	534	84	0.000	0.05	0.084	1.0	538159	SMI10000238
K-10-149	134.95	136.95	421	4	0.001	0.04	0.004	0.7	538160	SMI10000238
K-10-149	136.95	139.00	459	7	0.002	0.05	0.007	0.5	538161	SMI10000238
K-10-149	139.00	141.00	350	8	0.000	0.03	0.008	0.3	538162	SMI10000238
K-10-149	141.00	143.00	1132	6	0.002	0.11	0.006	1.1	538163	SMI10000238
K-10-149	143.00	145.00	665	23	0.002	0.07	0.023	0.5	538164	SMI10000238
K-10-149	145.00	147.00	1828	44	0.006	0.18	0.044	1.5	538166	SMI10000238
K-10-149	147.00	149.00	1198	25	0.001	0.12	0.025	1.1	538167	SMI10000238
K-10-149	149.00	151.00	306	10	0.001	0.03	0.010	0.3	538168	SMI10000238
K-10-149	151.00	152.30	240	10	0.001	0.02	0.010	0.3	538169	SMI10000238
K-10-149	152.30	154.00	2190	113	0.045	0.22	0.113	2.4	538170	SMI10000238

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-149	154.00	156.00	445	26	0.001	0.04	0.026	0.5	538171	SMI10000238
K-10-149	156.00	158.00	519	13	0.001	0.05	0.013	0.6	538172	SMI10000238
K-10-149	158.00	160.60	1068	31	0.003	0.11	0.031	1.0	538173	SMI10000238
K-10-149	160.60	161.80	328	10	0.001	0.03	0.010	0.4	538174	SMI10000238
K-10-149	161.80	164.00	316	9	0.000	0.03	0.009	0.4	538175	SMI10000238
K-10-149	164.00	166.00	601	18	0.001	0.06	0.018	0.7	538176	SMI10000238
K-10-149	166.00	168.00	1034	37	0.001	0.10	0.037	1.3	538177	SMI10000238
K-10-149	168.00	170.00	449	15	0.002	0.04	0.015	0.5	538178	SMI10000238
K-10-149	170.00	172.00	773	15	0.002	0.08	0.015	0.7	538179	SMI10000238
K-10-149	172.00	174.00	1349	26	0.001	0.13	0.026	1.4	538181	SMI10000238
K-10-149	174.00	176.00	685	33	0.001	0.07	0.033	1.0	538182	SMI10000238
K-10-149	176.00	178.00	421	19	0.007	0.04	0.019	0.7	538183	SMI10000238
K-10-149	178.00	180.00	755	32	0.001	0.08	0.032	1.0	538184	SMI10000238
K-10-149	180.00	182.00	377	23	0.001	0.04	0.023	0.4	538185	SMI10000238
K-10-149	182.00	184.00	1287	41	0.001	0.13	0.041	1.6	538186	SMI10000238
K-10-149	184.00	186.00	982	32	0.001	0.10	0.032	1.7	538187	SMI10000238
K-10-149	186.00	188.00	460	14	0.001	0.05	0.014	0.7	538188	SMI10000238
K-10-149	188.00	190.00	207	8	0.001	0.02	0.008	0.3	538189	SMI10000238
K-10-149	190.00	192.00	522	16	0.005	0.05	0.016	0.6	538190	SMI10000238
K-10-149	192.00	194.00	751	21	0.003	0.08	0.021	0.7	538191	SMI10000238
K-10-149	194.00	196.00	251	10	0.001	0.03	0.010	0.3	538192	SMI10000238
K-10-149	196.00	198.00	154	4	0.001	0.02	0.004	0.4	538193	SMI10000238
K-10-149	198.00	200.00	139	6	0.001	0.01	0.006	0.2	538194	SMI10000238
K-10-149	200.00	202.00	331	18	0.001	0.03	0.018	0.3	538196	SMI10000238
K-10-149	202.00	203.60	230	16	0.001	0.02	0.016	0.2	538197	SMI10000238
K-10-150	24.38	26.00	285	11	0.001	0.03	0.011	0.3	538198	SMI10000239
K-10-150	26.00	28.00	1923	82	0.003	0.19	0.082	1.5	538199	SMI10000239
K-10-150	28.00	30.00	889	23	0.007	0.09	0.023	0.8	538200	SMI10000239
K-10-150	30.00	32.00	1020	34	0.005	0.10	0.034	0.8	538201	SMI10000239
K-10-150	32.00	34.00	360	21	0.001	0.04	0.021	0.4	538202	SMI10000239
K-10-150	34.00	36.00	544	16	0.000	0.05	0.016	0.8	538203	SMI10000239
K-10-150	36.00	38.00	237	14	0.001	0.02	0.014	0.3	538204	SMI10000239
K-10-150	38.00	40.00	680	36	0.000	0.07	0.036	0.8	538205	SMI10000239
K-10-150	40.00	42.00	674	49	0.001	0.07	0.049	1.1	538206	SMI10000239
K-10-150	42.00	44.00	654	25	0.000	0.07	0.025	0.5	538207	SMI10000239
K-10-150	44.00	46.00	483	28	0.008	0.05	0.028	0.5	538208	SMI10000239
K-10-150	46.00	48.00	193	9	0.000	0.02	0.009	0.2	538209	SMI10000239
K-10-150	48.00	50.00	932	42	0.003	0.09	0.042	1.3	538211	SMI10000239
K-10-150	50.00	52.00	1000	40	0.003	0.10	0.040	1.4	538212	SMI10000239
K-10-150	52.00	53.65	955	38	0.004	0.10	0.038	1.3	538213	SMI10000239
K-10-150	53.65	55.00	3880	192	0.009	0.39	0.192	6.2	538214	SMI10000239
K-10-150	55.00	57.00	2080	116	0.006	0.21	0.116	3.2	538215	SMI10000239
K-10-150	57.00	59.00	3680	211	0.003	0.37	0.211	5.2	538216	SMI10000239
K-10-150	59.00	61.00	1587	86	0.001	0.16	0.086	1.9	538217	SMI10000239
K-10-150	61.00	63.50	2290	138	0.005	0.23	0.138	2.5	538218	SMI10000239
K-10-150	63.50	65.85	1323	45	0.001	0.13	0.045	1.1	538219	SMI10000239
K-10-150	65.85	68.00	808	34	0.001	0.08	0.034	0.8	538220	SMI10000239
K-10-150	68.00	70.00	813	35	0.000	0.08	0.035	0.8	538221	SMI10000239
K-10-150	70.00	72.00	1217	50	0.002	0.12	0.050	1.2	538222	SMI10000239
K-10-150	72.00	74.00	624	24	0.001	0.06	0.024	0.6	538223	SMI10000239
K-10-150	74.00	76.00	928	55	0.001	0.09	0.055	1.0	538224	SMI10000239
K-10-150	76.00	77.90	588	26	0.000	0.06	0.026	0.6	538226	SMI10000239
K-10-150	77.90	79.00	2260	56	0.007	0.23	0.056	1.6	538227	SMI10000239
K-10-150	79.00	81.00	529	28	0.001	0.05	0.028	0.5	538228	SMI10000239
K-10-150	81.00	83.00	392	13	0.001	0.04	0.013	0.4	538229	SMI10000239
K-10-150	83.00	85.00	481	22	0.002	0.05	0.022	0.5	538230	SMI10000239
K-10-150	85.00	87.00	362	13	0.001	0.04	0.013	0.3	538231	SMI10000239
K-10-150	87.00	89.00	1181	65	0.000	0.12	0.065	0.9	538232	SMI10000239
K-10-150	89.00	91.00	915	52	0.000	0.09	0.052	0.8	538233	SMI10000239
K-10-150	91.00	93.00	238	10	0.000	0.02	0.010	0.1	538234	SMI10000239
K-10-150	93.00	94.45	584	40	0.001	0.06	0.040	0.9	538235	SMI10000239
K-10-150	94.45	97.00	2100	159	0.002	0.21	0.159	2.0	538236	SMI10000239
K-10-150	97.00	99.00	2610	136	0.001	0.26	0.136	1.7	538237	SMI10000239
K-10-150	99.00	101.00	2120	88	0.001	0.21	0.088	1.3	538238	SMI10000239

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-150	101.00	103.40	2070	67	0.002	0.21	0.067	1.3	538239	SMI10000239
K-10-150	103.40	105.00	593	31	0.000	0.06	0.031	0.5	538241	SMI10000239
K-10-150	105.00	107.00	864	32	0.001	0.09	0.032	0.7	538242	SMI10000239
K-10-150	107.00	109.00	882	25	0.000	0.09	0.025	0.7	538243	SMI10000239
K-10-150	109.00	111.00	348	41	0.000	0.03	0.041	0.3	538244	SMI10000239
K-10-150	111.00	113.00	907	118	0.001	0.09	0.118	0.7	538245	SMI10000239
K-10-150	113.00	115.00	1490	234	0.000	0.15	0.234	1.5	538246	SMI10000239
K-10-150	115.00	117.00	683	55	0.000	0.07	0.055	0.7	538247	SMI10000239
K-10-150	117.00	119.00	2260	164	0.001	0.23	0.164	2.0	538248	SMI10000239
K-10-150	119.00	121.00	1650	83	0.001	0.17	0.083	1.3	538249	SMI10000239
K-10-150	121.00	123.00	1779	98	0.001	0.18	0.098	1.2	538250	SMI10000239
K-10-150	123.00	125.30	734	77	0.000	0.07	0.077	0.6	538251	SMI10000239
K-10-150	125.30	127.30	2050	157	0.001	0.21	0.157	1.2	538252	SMI10000239
K-10-150	127.30	129.30	1629	76	0.003	0.16	0.076	1.3	538253	SMI10000239
K-10-150	129.30	131.00	967	29	0.004	0.10	0.029	0.7	538254	SMI10000239
K-10-150	131.00	133.00	1231	177	0.003	0.12	0.177	1.0	538256	SMI10000239
K-10-150	133.00	135.00	906	56	0.001	0.09	0.056	0.7	538257	SMI10000239
K-10-150	135.00	137.00	315	24	0.000	0.03	0.024	0.2	538258	SMI10000239
K-10-150	137.00	139.00	328	18	0.000	0.03	0.018	0.3	538259	SMI10000239
K-10-150	139.00	141.00	385	10	0.001	0.04	0.010	0.3	538260	SMI10000239
K-10-150	141.00	143.00	291	17	0.000	0.03	0.017	0.2	538261	SMI10000239
K-10-150	143.00	145.00	223	9	0.000	0.02	0.009	0.2	538262	SMI10000239
K-10-150	145.00	147.00	204	14	0.000	0.02	0.014	0.2	538263	SMI10000239
K-10-150	147.00	149.00	222	14	0.000	0.02	0.014	0.2	538264	SMI10000239
K-10-150	149.00	151.00	336	32	0.000	0.03	0.032	0.4	538265	SMI10000239
K-10-150	151.00	153.00	279	20	0.000	0.03	0.020	0.3	538266	SMI10000239
K-10-150	153.00	155.00	173	8	0.000	0.02	0.008	0.1	538267	SMI10000239
K-10-150	155.00	156.10	116	11	0.000	0.01	0.011	0.1	538268	SMI10000239
K-10-150	156.10	157.70	357	150	0.000	0.04	0.150	0.4	538269	SMI10000239
K-10-150	157.70	160.00	463	64	0.000	0.05	0.064	0.4	538271	SMI10000239
K-10-150	160.00	163.00	498	51	0.001	0.05	0.051	0.4	538272	SMI10000239
K-10-150	163.00	165.00	128	6	0.000	0.01	0.006	0.1	538273	SMI10000239
K-10-150	165.00	167.00	409	61	0.001	0.04	0.061	0.4	538274	SMI10000239
K-10-150	167.00	169.00	284	20	0.000	0.03	0.020	6.0	538275	SMI10000239
K-10-150	169.00	171.00	400	40	0.000	0.04	0.040	0.4	538276	SMI10000239
K-10-150	171.00	173.00	342	52	0.000	0.03	0.052	0.4	538277	SMI10000239
K-10-150	173.00	175.00	249	47	0.000	0.02	0.047	0.3	538278	SMI10000239
K-10-150	175.00	177.00	287	24	0.000	0.03	0.024	0.3	538279	SMI10000239
K-10-150	177.00	179.00	98	6	0.000	0.01	0.006	0.1	538280	SMI10000239
K-10-150	179.00	181.00	271	20	0.000	0.03	0.020	0.2	538281	SMI10000240
K-10-150	181.00	183.00	188	14	0.000	0.02	0.014	0.2	538282	SMI10000240
K-10-150	183.00	185.00	153	38	0.000	0.02	0.038	0.1	538283	SMI10000240
K-10-150	185.00	187.00	102	16	0.000	0.01	0.016	0.0	538284	SMI10000240
K-10-150	187.00	189.00	170	11	0.000	0.02	0.011	0.1	538286	SMI10000240
K-10-150	189.00	191.00	149	23	0.000	0.01	0.023	0.2	538287	SMI10000240
K-10-150	191.00	193.00	226	14	0.000	0.02	0.014	0.2	538288	SMI10000240
K-10-150	193.00	195.00	232	13	0.000	0.02	0.013	0.5	538289	SMI10000240
K-10-150	195.00	197.00	334	10	0.000	0.03	0.010	0.4	538290	SMI10000240
K-10-150	197.00	198.55	453	38	0.000	0.05	0.038	0.6	538291	SMI10000240
K-10-150	198.55	200.00	417	89	0.000	0.04	0.089	0.8	538292	SMI10000240
K-10-150	200.00	202.55	2570	74	0.002	0.26	0.074	2.6	538293	SMI10000240
K-10-150	202.55	204.00	559	32	0.000	0.06	0.032	0.6	538294	SMI10000240
K-10-150	204.00	206.00	993	41	0.002	0.10	0.041	0.9	538295	SMI10000240
K-10-150	206.00	208.00	448	23	0.000	0.04	0.023	0.4	538296	SMI10000240
K-10-150	208.00	210.00	346	16	0.001	0.03	0.016	0.3	538297	SMI10000240
K-10-150	210.00	211.25	653	32	0.001	0.07	0.032	0.5	538298	SMI10000240
K-10-150	211.25	213.00	343	21	0.000	0.03	0.021	0.4	538299	SMI10000240
K-10-150	213.00	215.00	200	22	0.000	0.02	0.022	0.2	538301	SMI10000240
K-10-150	215.00	217.00	551	646	0.000	0.06	0.646	0.9	538302	SMI10000240
K-10-150	217.00	219.00	241	31	0.000	0.02	0.031	0.2	538303	SMI10000240
K-10-150	219.00	221.00	90	6	0.000	0.01	0.006	0.0	538304	SMI10000240
K-10-150	221.00	223.00	373	19	0.001	0.04	0.019	0.2	538305	SMI10000240
K-10-150	223.00	225.00	293	17	0.000	0.03	0.017	0.2	538306	SMI10000240
K-10-150	225.00	227.00	378	41	0.001	0.04	0.041	0.3	538307	SMI10000240

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-150	227.00	229.00	389	198	0.000	0.04	0.198	0.4	538308	SMI10000240
K-10-150	229.00	231.00	321	23	0.000	0.03	0.023	0.3	538309	SMI10000240
K-10-150	231.00	233.00	293	13	0.000	0.03	0.013	0.2	538310	SMI10000240
K-10-150	233.00	235.00	358	23	0.000	0.04	0.023	0.3	538311	SMI10000240
K-10-150	235.00	237.00	402	40	0.000	0.04	0.040	0.3	538312	SMI10000240
K-10-150	237.00	239.00	209	47	0.000	0.02	0.047	0.2	538313	SMI10000240
K-10-150	239.00	241.00	258	60	0.000	0.03	0.060	0.2	538314	SMI10000240
K-10-150	241.00	243.00	209	37	0.000	0.02	0.037	0.2	538316	SMI10000240
K-10-150	243.00	245.00	216	14	0.000	0.02	0.014	0.2	538317	SMI10000240
K-10-150	245.00	247.00	529	33	0.000	0.05	0.033	0.6	538318	SMI10000240
K-10-150	247.00	250.00	582	52	0.000	0.06	0.052	0.6	538319	SMI10000240
K-10-150	250.00	252.00	818	113	0.000	0.08	0.113	1.6	538320	SMI10000240
K-10-150	252.00	254.00	939	179	0.003	0.09	0.179	1.3	538321	SMI10000240
K-10-150	254.00	256.00	394	82	0.000	0.04	0.082	0.5	538322	SMI10000240
K-10-150	256.00	258.00	527	367	0.000	0.05	0.367	0.7	538323	SMI10000240
K-10-150	258.00	259.40	1064	63	0.001	0.11	0.063	0.8	538324	SMI10000240
K-10-150	259.40	262.00	884	48	0.003	0.09	0.048	0.7	538325	SMI10000240
K-10-150	262.00	264.00	706	31	0.001	0.07	0.031	0.5	538326	SMI10000240
K-10-150	264.00	266.00	722	75	0.001	0.07	0.075	0.7	538327	SMI10000240
K-10-150	266.00	268.00	934	67	0.002	0.09	0.067	0.8	538328	SMI10000240
K-10-150	268.00	270.00	1708	65	0.002	0.17	0.065	2.0	538329	SMI10000240
K-10-150	270.00	272.00	958	82	0.001	0.10	0.082	0.8	538331	SMI10000240
K-10-150	272.00	274.15	1090	136	0.000	0.11	0.136	1.0	538332	SMI10000240
K-10-150	274.15	276.50	613	116	0.001	0.06	0.116	0.7	538333	SMI10000240
K-10-150	276.50	278.50	437	126	0.001	0.04	0.126	0.7	538334	SMI10000240
K-10-150	278.50	280.50	2650	130	0.001	0.27	0.130	2.1	538335	SMI10000240
K-10-150	280.50	282.75	7920	2778	0.000	0.79	2.778	7.5	538336	SMI10000240
K-10-150	282.75	285.00	1155	194	0.001	0.12	0.194	1.1	538337	SMI10000240
K-10-150	285.00	287.00	571	65	0.001	0.06	0.065	0.5	538338	SMI10000240
K-10-150	287.00	289.00	556	68	0.001	0.06	0.068	0.5	538339	SMI10000240
K-10-150	289.00	291.00	2140	359	0.001	0.21	0.359	3.4	538340	SMI10000240
K-10-150	291.00	293.00	1042	45	0.001	0.10	0.045	0.7	538341	SMI10000240
K-10-150	293.00	295.00	356	25	0.001	0.04	0.025	0.3	538342	SMI10000240
K-10-150	295.00	297.00	910	50	0.001	0.09	0.050	0.8	538343	SMI10000240
K-10-150	297.00	299.00	725	50	0.001	0.07	0.050	0.6	538344	SMI10000240
K-10-150	299.00	301.00	153	9	0.001	0.02	0.009	0.1	538346	SMI10000240
K-10-150	301.00	303.00	277	15	0.001	0.03	0.015	0.2	538347	SMI10000240
K-10-150	303.00	305.00	229	12	0.001	0.02	0.012	0.3	538348	SMI10000240
K-10-150	305.00	306.10	348	13	0.007	0.03	0.013	0.3	538349	SMI10000240
K-10-150	306.10	308.00	1050	157	0.001	0.11	0.157	1.4	538350	SMI10000240
K-10-150	308.00	310.00	1687	87	0.001	0.17	0.087	2.0	538351	SMI10000240
K-10-150	310.00	312.00	2360	591	0.001	0.24	0.591	2.1	538352	SMI10000240
K-10-150	312.00	314.00	1677	89	0.001	0.17	0.089	1.3	538353	SMI10000240
K-10-150	314.00	316.00	940	72	0.004	0.09	0.072	0.9	538354	SMI10000240
K-10-150	316.00	318.00	4000	39	0.018	0.40	0.039	5.9	538355	SMI10000240
K-10-150	318.00	319.85	3500	28	0.004	0.35	0.028	2.9	538356	SMI10000240
K-10-150	319.85	322.00	2640	227	0.002	0.26	0.227	1.8	538357	SMI10000240
K-10-150	322.00	324.00	3380	115	0.002	0.34	0.115	2.6	538358	SMI10000240
K-10-150	324.00	325.50	1311	65	0.000	0.13	0.065	1.1	538359	SMI10000240
K-10-150	325.50	326.70	1269	98	0.002	0.13	0.098	1.3	538361	SMI10000240
K-10-150	326.70	329.00	1057	42	0.001	0.11	0.042	0.8	538362	SMI10000240
K-10-150	329.00	331.00	440	31	0.000	0.04	0.031	0.4	538363	SMI10000240
K-10-150	331.00	332.30	190	15	0.000	0.02	0.015	0.4	538364	SMI10000240
K-10-150	332.30	334.00	521	20	0.000	0.05	0.020	0.5	538365	SMI10000240
K-10-150	334.00	336.00	1366	83	0.003	0.14	0.083	1.0	538366	SMI10000240
K-10-150	336.00	338.00	512	70	0.004	0.05	0.070	0.9	538367	SMI10000240
K-10-150	338.00	340.00	238	66	0.000	0.02	0.066	0.7	538368	SMI10000240
K-10-150	340.00	341.65	337	59	0.001	0.03	0.059	0.6	538369	SMI10000240
K-10-150	341.65	344.00	309	39	0.000	0.03	0.039	0.4	538370	SMI10000240
K-10-150	344.00	346.00	191	27	0.000	0.02	0.027	0.2	538371	SMI10000240
K-10-150	346.00	348.00	570	19	0.001	0.06	0.019	0.5	538372	SMI10000240
K-10-150	348.00	350.00	476	21	0.000	0.05	0.021	0.5	538373	SMI10000240
K-10-150	350.00	352.00	552	45	0.001	0.06	0.045	0.7	538374	SMI10000240
K-10-150	352.00	354.00	719	26	0.000	0.07	0.026	0.6	538376	SMI10000240

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-150	354.00	355.40	1204	321	0.001	0.12	0.321	4.8	538377	SMI10000240
K-10-151	36.58	38.00	80	6	0.000	0.01	0.006	0.1	536203	SMI10000274
K-10-151	38.00	40.00	202	18	0.000	0.02	0.018	0.5	536204	SMI10000274
K-10-151	40.00	42.00	138	43	0.002	0.01	0.043	0.3	536205	SMI10000274
K-10-151	42.00	44.00	99	152	0.003	0.01	0.152	0.8	536206	SMI10000274
K-10-151	44.00	46.00	112	8	0.000	0.01	0.008	0.3	536207	SMI10000274
K-10-151	46.00	48.00	160	6	0.000	0.02	0.006	0.3	536208	SMI10000274
K-10-151	48.00	50.00	54	5	0.000	0.01	0.005	0.1	536209	SMI10000274
K-10-151	50.00	52.00	87	9	0.000	0.01	0.009	0.2	536210	SMI10000274
K-10-151	52.00	54.00	189	14	0.000	0.02	0.014	0.3	536211	SMI10000274
K-10-151	54.00	56.00	260	19	0.000	0.03	0.019	0.8	536212	SMI10000274
K-10-151	56.00	58.00	410	20	0.000	0.04	0.020	0.9	536213	SMI10000274
K-10-151	58.00	60.00	121	15	0.000	0.01	0.015	0.3	536214	SMI10000274
K-10-151	60.00	62.00	180	20	0.002	0.02	0.020	0.5	536216	SMI10000274
K-10-151	62.00	64.00	69	5	0.001	0.01	0.005	0.2	536217	SMI10000274
K-10-151	64.00	66.00	66	2	0.001	0.01	0.002	0.3	536218	SMI10000274
K-10-151	66.00	68.00	48	4	0.000	0.00	0.004	0.0	536219	SMI10000274
K-10-151	68.00	70.00	77	3	0.000	0.01	0.003	0.0	536220	SMI10000274
K-10-151	70.00	72.00	76	16	0.001	0.01	0.016	0.2	536221	SMI10000274
K-10-151	72.00	74.00	49	3	0.000	0.00	0.003	0.1	536222	SMI10000274
K-10-151	74.00	76.00	88	21	0.001	0.01	0.021	0.2	536223	SMI10000274
K-10-151	76.00	78.00	100	13	0.001	0.01	0.013	0.2	536224	SMI10000274
K-10-151	78.00	80.00	97	7	0.000	0.01	0.007	0.2	536225	SMI10000274
K-10-151	80.00	82.00	48	4	0.000	0.00	0.004	0.2	536226	SMI10000274
K-10-151	82.00	84.75	69	7	0.001	0.01	0.007	0.1	536227	SMI10000274
K-10-151	84.75	86.10	27	2	0.000	0.00	0.002	0.0	536228	SMI10000274
K-10-151	86.10	88.00	67	3	0.000	0.01	0.003	0.1	536229	SMI10000274
K-10-151	88.00	90.00	61	11	0.000	0.01	0.011	0.2	536231	SMI10000274
K-10-151	90.00	92.00	461	12660	0.001	0.05	12.660	3.8	536232	SMI10000274
K-10-151	92.00	94.00	118	160	0.000	0.01	0.160	0.3	536233	SMI10000274
K-10-151	94.00	96.00	50	26	0.002	0.01	0.026	0.1	536234	SMI10000274
K-10-151	96.00	97.50	144	10	0.001	0.01	0.010	0.4	536235	SMI10000274
K-10-151	97.50	99.50	234	25	0.000	0.02	0.025	0.5	536236	SMI10000274
K-10-151	99.50	101.50	222	22	0.000	0.02	0.022	0.3	536237	SMI10000274
K-10-151	101.50	103.02	603	81	0.000	0.06	0.081	1.5	536238	SMI10000274
K-10-151	103.02	105.00	125	12	0.000	0.01	0.012	0.2	536239	SMI10000274
K-10-151	105.00	107.00	49	3	0.000	0.00	0.003	0.1	536240	SMI10000274
K-10-151	107.00	109.00	142	75	0.000	0.01	0.075	0.5	536241	SMI10000274
K-10-151	109.00	111.00	560	73	0.000	0.06	0.073	1.3	536242	SMI10000274
K-10-151	111.00	113.00	134	10	0.000	0.01	0.010	0.2	536243	SMI10000274
K-10-151	113.00	115.00	104	23	0.001	0.01	0.023	0.3	536244	SMI10000274
K-10-151	115.00	117.00	515	28	0.000	0.05	0.028	0.9	536246	SMI10000274
K-10-151	117.00	119.00	19	8	0.001	0.00	0.008	0.1	536247	SMI10000274
K-10-151	119.00	121.00	118	13	0.000	0.01	0.013	0.4	536248	SMI10000274
K-10-151	121.00	123.00	120	8	0.000	0.01	0.008	0.2	536249	SMI10000274
K-10-151	123.00	125.00	112	7	0.000	0.01	0.007	0.3	536250	SMI10000274
K-10-151	125.00	127.00	70	6	0.000	0.01	0.006	0.3	536251	SMI10000274
K-10-151	127.00	129.00	18	0	0.000	0.00	0.000	0.1	536252	SMI10000274
K-10-151	129.00	131.00	114	5	0.000	0.01	0.005	0.3	536253	SMI10000274
K-10-151	131.00	133.00	90	3	0.000	0.01	0.003	0.3	536254	SMI10000274
K-10-151	133.00	135.00	94	3	0.000	0.01	0.003	0.3	536255	SMI10000274
K-10-151	135.00	137.00	363	35	0.001	0.04	0.035	1.1	536256	SMI10000274
K-10-151	137.00	139.00	54	5	0.000	0.01	0.005	1.0	536257	SMI10000274
K-10-151	139.00	141.00	179	58	0.000	0.02	0.058	1.3	536258	SMI10000274
K-10-151	141.00	143.00	194	17	0.000	0.02	0.017	0.8	536259	SMI10000274
K-10-151	143.00	145.00	103	11	0.000	0.01	0.011	0.5	536261	SMI10000274
K-10-151	145.00	147.00	105	9	0.000	0.01	0.009	0.4	536262	SMI10000274
K-10-151	147.00	149.00	91	8	0.000	0.01	0.008	0.9	536263	SMI10000274
K-10-151	149.00	151.00	353	43	0.000	0.04	0.043	1.1	536264	SMI10000274
K-10-151	151.00	152.30	238	25	0.001	0.02	0.025	1.5	536265	SMI10000274
K-10-151	152.30	154.00	770	92	0.001	0.08	0.092	3.4	536266	SMI10000274
K-10-151	154.00	156.00	166	55	0.001	0.02	0.055	1.9	536267	SMI10000274
K-10-151	156.00	158.00	234	54	0.000	0.02	0.054	1.1	536268	SMI10000274
K-10-151	158.00	160.00	278	54	0.000	0.03	0.054	1.9	536269	SMI10000274

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-151	160.00	162.90	249	167	0.001	0.02	0.167	3.6	536270	SMI10000274
K-10-151	162.90	164.00	253	46	0.000	0.03	0.046	2.0	536271	SMI10000274
K-10-151	164.00	166.00	292	23	0.000	0.03	0.023	1.3	536272	SMI10000274
K-10-151	166.00	168.00	706	301	0.001	0.07	0.301	5.0	536273	SMI10000274
K-10-151	168.00	170.00	817	88	0.000	0.08	0.088	1.5	536274	SMI10000274
K-10-151	170.00	172.00	189	13	0.000	0.02	0.013	0.4	536276	SMI10000274
K-10-151	172.00	174.00	148	10	0.000	0.01	0.010	0.4	536277	SMI10000274
K-10-151	174.00	176.00	647	76	0.000	0.06	0.076	1.5	536278	SMI10000274
K-10-151	176.00	178.40	481	36	0.000	0.05	0.036	1.2	536279	SMI10000274
K-10-151	178.40	180.00	134	13	0.000	0.01	0.013	0.3	536280	SMI10000274
K-10-151	180.00	182.00	389	48	0.000	0.04	0.048	1.1	536281	SMI10000274
K-10-151	182.00	184.00	85	7	0.000	0.01	0.007	0.3	536282	SMI10000274
K-10-151	184.00	186.00	163	22	0.000	0.02	0.022	0.6	536283	SMI10000274
K-10-151	186.00	188.00	90	16	0.000	0.01	0.016	0.3	536284	SMI10000274
K-10-151	188.00	190.00	205	98	0.000	0.02	0.098	1.0	536285	SMI10000274
K-10-151	190.00	192.00	80	30	0.000	0.01	0.030	1.1	536286	SMI10000274
K-10-151	192.00	194.00	101	23	0.000	0.01	0.023	0.7	536287	SMI10000274
K-10-151	194.00	196.00	320	35	0.000	0.03	0.035	1.3	536288	SMI10000274
K-10-151	196.00	198.00	234	38	0.000	0.02	0.038	1.1	536289	SMI10000274
K-10-151	198.00	200.00	178	16	0.000	0.02	0.016	0.5	536291	SMI10000274
K-10-151	200.00	202.00	804	52	0.000	0.08	0.052	2.6	536292	SMI10000274
K-10-151	202.00	204.00	122	13	0.000	0.01	0.013	0.2	536293	SMI10000274
K-10-151	204.00	206.00	77	2	0.000	0.01	0.002	0.3	536294	SMI10000274
K-10-151	206.00	208.00	344	30	0.001	0.03	0.030	0.8	536295	SMI10000274
K-10-151	208.00	210.00	231	14	0.000	0.02	0.014	0.5	536296	SMI10000274
K-10-151	210.00	212.00	259	15	0.001	0.03	0.015	0.5	536297	SMI10000274
K-10-151	212.00	214.00	149	5	0.001	0.01	0.005	0.2	536298	SMI10000274
K-10-151	214.00	216.00	110	10	0.001	0.01	0.010	0.2	536299	SMI10000274
K-10-151	216.00	218.00	193	22	0.001	0.02	0.022	0.4	536300	SMI10000274
K-10-151	218.00	220.00	136	10	0.001	0.01	0.010	0.2	536301	SMI10000274
K-10-151	220.00	222.00	77	6	0.001	0.01	0.006	0.1	536302	SMI10000274
K-10-151	222.00	224.00	133	9	0.001	0.01	0.009	0.5	536303	SMI10000274
K-10-151	224.00	226.00	80	5	0.000	0.01	0.005	0.2	536304	SMI10000274
K-10-151	226.00	228.00	294	13	0.001	0.03	0.013	0.6	536306	SMI10000274
K-10-151	228.00	230.00	199	7	0.001	0.02	0.007	0.3	536307	SMI10000274
K-10-151	230.00	232.00	147	8	0.001	0.01	0.008	0.2	536308	SMI10000274
K-10-151	232.00	233.70	189	10	0.001	0.02	0.010	0.4	536309	SMI10000274
K-10-151	233.70	236.00	304	69	0.000	0.03	0.069	0.8	536310	SMI10000274
K-10-151	236.00	238.00	292	50	0.004	0.03	0.050	0.9	536311	SMI10000274
K-10-151	238.00	240.00	311	40	0.001	0.03	0.040	0.8	536312	SMI10000274
K-10-151	240.00	242.00	389	65	0.001	0.04	0.065	1.0	536313	SMI10000274
K-10-151	242.00	244.00	598	43	0.001	0.06	0.043	1.0	536314	SMI10000274
K-10-151	244.00	246.00	210	15	0.001	0.02	0.015	0.3	536315	SMI10000274
K-10-151	246.00	248.00	410	28	0.001	0.04	0.028	1.0	536316	SMI10000274
K-10-151	248.00	250.00	462	79	0.001	0.05	0.079	2.0	536317	SMI10000274
K-10-151	250.00	251.00	729	49	0.001	0.07	0.049	1.4	536318	SMI10000274
K-10-151	251.00	253.00	765	54	0.001	0.08	0.054	1.4	536319	SMI10000274
K-10-151	253.00	254.20	1054	78	0.001	0.11	0.078	2.2	536321	SMI10000274
K-10-151	254.20	256.00	463	27	0.001	0.05	0.027	0.6	536322	SMI10000274
K-10-151	256.00	258.00	463	24	0.001	0.05	0.024	0.6	536323	SMI10000274
K-10-151	258.00	260.00	373	19	0.001	0.04	0.019	0.6	536324	SMI10000274
K-10-151	260.00	262.00	144	10	0.001	0.01	0.010	0.2	536325	SMI10000274
K-10-151	262.00	264.00	524	28	0.001	0.05	0.028	0.7	536326	SMI10000274
K-10-151	264.00	266.00	565	40	0.002	0.06	0.040	1.3	536327	SMI10000274
K-10-151	266.00	268.00	859	32	0.002	0.09	0.032	1.6	536328	SMI10000274
K-10-151	268.00	270.00	435	15	0.003	0.04	0.015	0.7	536329	SMI10000274
K-10-151	270.00	272.00	912	27	0.002	0.09	0.027	0.9	536330	SMI10000274
K-10-151	272.00	274.00	744	26	0.022	0.07	0.026	1.1	536331	SMI10000274
K-10-151	274.00	276.00	1184	44	0.004	0.12	0.044	1.6	536332	SMI10000274
K-10-151	276.00	278.00	560	32	0.003	0.06	0.032	1.1	536333	SMI10000274
K-10-151	278.00	280.00	923	80	0.003	0.09	0.080	1.5	536334	SMI10000274
K-10-151	280.00	282.00	1672	110	0.001	0.17	0.110	3.1	536336	SMI10000274
K-10-151	282.00	284.00	157	13	0.000	0.02	0.013	0.2	536337	SMI10000274
K-10-151	284.00	286.00	193	23	0.000	0.02	0.023	0.3	536338	SMI10000274

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-151	286.00	288.00	117	11	0.001	0.01	0.011	0.2	536339	SMI10000274
K-10-151	288.00	290.00	184	29	0.000	0.02	0.029	0.4	536340	SMI10000274
K-10-151	290.00	292.20	412	160	0.000	0.04	0.160	1.1	536341	SMI10000274
K-10-151	292.20	294.20	2990	812	0.003	0.30	0.812	12.2	536342	SMI10000274
K-10-151	294.20	296.60	2590	799	0.002	0.26	0.799	10.9	536343	SMI10000274
K-10-151	296.60	298.00	1913	99	0.001	0.19	0.099	2.4	536344	SMI10000274
K-10-151	298.00	300.00	580	46	0.000	0.06	0.046	1.1	536345	SMI10000274
K-10-151	300.00	302.00	767	49	0.001	0.08	0.049	0.8	536346	SMI10000274
K-10-151	302.00	304.00	467	759	0.001	0.05	0.759	0.6	536347	SMI10000274
K-10-151	304.00	306.00	299	51	0.003	0.03	0.051	0.7	536348	SMI10000274
K-10-151	306.00	308.00	363	50	0.001	0.04	0.050	0.6	536349	SMI10000274
K-10-151	308.00	309.10	702	136	0.001	0.07	0.136	1.6	536351	SMI10000274
K-10-151	309.10	311.00	427	26	0.000	0.04	0.026	0.5	536352	SMI10000274
K-10-151	311.00	313.00	644	53	0.001	0.06	0.053	0.7	536353	SMI10000274
K-10-151	313.00	315.00	483	32	0.001	0.05	0.032	0.4	536354	SMI10000274
K-10-151	315.00	317.00	523	74	0.002	0.05	0.074	0.5	536355	SMI10000274
K-10-151	317.00	319.00	677	374	0.001	0.07	0.374	0.7	536356	SMI10000274
K-10-151	319.00	321.00	642	31	0.000	0.06	0.031	0.5	536357	SMI10000274
K-10-151	321.00	323.00	783	38	0.001	0.08	0.038	0.5	536358	SMI10000274
K-10-151	323.00	324.20	881	95	0.001	0.09	0.095	1.1	536359	SMI10000274
K-10-151	324.20	326.00	3380	241	0.003	0.34	0.241	3.6	536360	SMI10000274
K-10-151	326.00	328.00	2930	264	0.002	0.29	0.264	3.5	536361	SMI10000274
K-10-151	328.00	330.00	1137	828	0.001	0.11	0.828	3.1	536362	SMI10000274
K-10-151	330.00	332.00	793	343	0.001	0.08	0.343	0.9	536363	SMI10000274
K-10-151	332.00	334.00	4830	206	0.006	0.48	0.206	3.7	536364	SMI10000274
K-10-151	334.00	336.00	1551	60	0.002	0.16	0.060	1.3	536366	SMI10000274
K-10-151	336.00	338.00	2650	96	0.004	0.27	0.096	2.0	536367	SMI10000274
K-10-151	338.00	339.40	8520	316	0.007	0.85	0.316	7.2	536368	SMI10000274
K-10-151	339.40	340.75	5270	153	0.008	0.53	0.153	4.0	536369	SMI10000274
K-10-151	340.75	342.00	4780	118	0.008	0.48	0.118	3.3	536370	SMI10000274
K-10-151	342.00	344.00	3390	190	0.004	0.34	0.190	3.0	536371	SMI10000274
K-10-151	344.00	346.00	3480	108	0.003	0.35	0.108	2.6	536372	SMI10000274
K-10-151	346.00	348.00	153	8	0.003	0.02	0.008	0.3	536373	SMI10000274
K-10-151	348.00	350.00	241	15	0.002	0.02	0.015	0.3	536374	SMI10000274
K-10-151	350.00	352.00	174	65	0.003	0.02	0.065	0.6	536375	SMI10000274
K-10-151	352.00	354.00	306	49	0.001	0.03	0.049	0.3	536376	SMI10000274
K-10-151	354.00	356.00	106	9	0.001	0.01	0.009	0.2	536377	SMI10000274
K-10-151	356.00	358.00	109	7	0.001	0.01	0.007	0.1	536378	SMI10000274
K-10-151	358.00	360.00	111	21	0.001	0.01	0.021	0.2	536379	SMI10000274
K-10-151	360.00	362.00	135	113	0.002	0.01	0.113	0.7	536381	SMI10000274
K-10-151	362.00	364.00	210	31	0.004	0.02	0.031	0.4	536382	SMI10000274
K-10-151	364.00	366.00	346	22	0.002	0.03	0.022	0.5	536383	SMI10000274
K-10-151	366.00	368.00	168	8	0.001	0.02	0.008	0.2	536384	SMI10000274
K-10-151	368.00	370.00	140	8	0.001	0.01	0.008	0.2	536385	SMI10000274
K-10-151	370.00	372.00	139	13	0.000	0.01	0.013	0.2	536386	SMI10000274
K-10-151	372.00	374.00	109	13	0.000	0.01	0.013	0.4	536387	SMI10000274
K-10-151	374.00	376.80	143	41	0.000	0.01	0.041	0.8	536388	SMI10000274
K-10-151	376.80	378.00	216	33	0.000	0.02	0.033	0.4	536389	SMI10000274
K-10-151	378.00	380.00	165	28	0.001	0.02	0.028	0.5	536390	SMI10000274
K-10-151	380.00	382.00	148	23	0.001	0.01	0.023	0.4	536391	SMI10000274
K-10-151	382.00	384.00	174	17	0.001	0.02	0.017	0.4	536392	SMI10000274
K-10-151	384.00	386.00	111	18	0.000	0.01	0.018	0.2	536393	SMI10000274
K-10-151	386.00	388.00	149	10	0.000	0.01	0.010	0.2	536394	SMI10000274
K-10-151	388.00	390.00	130	10	0.000	0.01	0.010	0.2	536396	SMI10000274
K-10-151	390.00	392.00	110	10	0.000	0.01	0.010	0.3	536397	SMI10000274
K-10-151	392.00	394.00	129	18	0.002	0.01	0.018	0.3	536398	SMI10000274
K-10-151	394.00	396.00	91	6	0.001	0.01	0.006	0.2	536399	SMI10000274
K-10-151	396.00	398.00	126	8	0.001	0.01	0.008	0.3	536400	SMI10000274
K-10-151	398.00	400.00	100	7	0.000	0.01	0.007	0.3	536401	SMI10000274
K-10-151	400.00	401.72	142	10	0.000	0.01	0.010	0.3	536402	SMI10000274
K-10-152	48.76	50.90	116	18	0.001	0.01	0.018	0.2	536403	SMI10000273
K-10-152	50.90	52.00	225	20	0.000	0.02	0.020	0.7	536404	SMI10000273
K-10-152	52.00	54.00	109	9	0.000	0.01	0.009	0.3	536405	SMI10000273
K-10-152	54.00	56.00	236	22	0.002	0.02	0.022	0.7	536406	SMI10000273

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-152	56.00	58.00	54	4	0.001	0.01	0.004	0.2	536407	SMI10000273
K-10-152	58.00	60.00	70	5	0.001	0.01	0.005	0.2	536408	SMI10000273
K-10-152	60.00	62.00	67	7	0.000	0.01	0.007	0.2	536409	SMI10000273
K-10-152	62.00	64.00	59	10	0.000	0.01	0.010	0.2	536411	SMI10000273
K-10-152	64.00	66.00	97	13	0.000	0.01	0.013	0.4	536412	SMI10000273
K-10-152	66.00	68.00	206	16	0.000	0.02	0.016	0.8	536413	SMI10000273
K-10-152	68.00	70.00	21	3	0.000	0.00	0.003	0.1	536414	SMI10000273
K-10-152	70.00	72.00	84	34	0.000	0.01	0.034	0.9	536415	SMI10000273
K-10-152	72.00	74.00	85	26	0.000	0.01	0.026	0.7	536416	SMI10000273
K-10-152	74.00	76.00	43	2	0.000	0.00	0.002	0.1	536417	SMI10000273
K-10-152	76.00	78.00	201	83	0.000	0.02	0.083	0.6	536418	SMI10000273
K-10-152	78.00	80.00	679	44	0.001	0.07	0.044	2.9	536419	SMI10000273
K-10-152	80.00	82.00	285	20	0.000	0.03	0.020	1.2	536420	SMI10000273
K-10-152	82.00	84.00	803	81	0.000	0.08	0.081	4.4	536421	SMI10000273
K-10-152	84.00	85.70	494	46	0.000	0.05	0.046	2.5	536422	SMI10000273
K-10-152	85.70	88.00	638	64	0.000	0.06	0.064	3.2	536423	SMI10000273
K-10-152	88.00	90.00	925	83	0.000	0.09	0.083	5.2	536424	SMI10000273
K-10-152	90.00	92.00	684	149	0.000	0.07	0.149	5.0	536426	SMI10000273
K-10-152	92.00	94.00	265	40	0.000	0.03	0.040	1.5	536427	SMI10000273
K-10-152	94.00	96.00	589	112	0.000	0.06	0.112	4.9	536428	SMI10000273
K-10-152	96.00	97.20	524	88	0.000	0.05	0.088	5.3	536429	SMI10000273
K-10-152	97.20	99.00	79	6	0.000	0.01	0.006	0.2	536430	SMI10000273
K-10-152	99.00	101.60	46	3	0.000	0.00	0.003	0.0	536431	SMI10000273
K-10-152	101.60	104.20	32	4	0.000	0.00	0.004	0.0	536432	SMI10000273
K-10-152	104.20	106.00	9	1	0.000	0.00	0.001	0.0	536433	SMI10000273
K-10-152	106.00	108.00	40	2	0.000	0.00	0.002	0.1	536434	SMI10000273
K-10-152	108.00	110.00	177	8	0.000	0.02	0.008	0.4	536435	SMI10000273
K-10-152	110.00	112.00	106	9	0.000	0.01	0.009	0.3	536436	SMI10000273
K-10-152	112.00	114.00	111	15	0.000	0.01	0.015	0.3	536437	SMI10000273
K-10-152	114.00	116.00	313	44	0.001	0.03	0.044	1.4	536438	SMI10000273
K-10-152	116.00	118.00	131	57	0.000	0.01	0.057	0.7	536439	SMI10000273
K-10-152	118.00	119.20	291	34	0.000	0.03	0.034	0.8	536441	SMI10000273
K-10-152	119.20	121.00	330	75	0.000	0.03	0.075	0.5	536442	SMI10000273
K-10-152	121.00	123.00	303	66	0.000	0.03	0.066	0.8	536443	SMI10000273
K-10-152	123.00	125.50	402	54	0.001	0.04	0.054	0.8	536444	SMI10000273
K-10-152	125.50	127.00	33	2	0.000	0.00	0.002	0.0	536445	SMI10000273
K-10-152	127.00	129.00	52	2	0.000	0.01	0.002	0.0	536446	SMI10000273
K-10-152	129.00	131.00	84	5	0.000	0.01	0.005	0.1	536447	SMI10000273
K-10-152	131.00	133.00	56	3	0.000	0.01	0.003	0.0	536448	SMI10000273
K-10-152	133.00	135.00	94	3	0.000	0.01	0.003	0.1	536449	SMI10000273
K-10-152	135.00	136.50	115	5	0.000	0.01	0.005	0.1	536450	SMI10000273
K-10-152	136.50	138.00	133	4	0.000	0.01	0.004	0.3	536451	SMI10000273
K-10-152	138.00	140.00	258	13	0.000	0.03	0.013	0.4	536452	SMI10000273
K-10-152	140.00	142.00	203	18	0.000	0.02	0.018	0.4	536453	SMI10000273
K-10-152	142.00	143.30	42	5	0.000	0.00	0.005	2.7	536454	SMI10000273
K-10-152	143.30	145.00	511	45	0.000	0.05	0.045	1.3	536456	SMI10000273
K-10-152	145.00	147.00	75	6	0.000	0.01	0.006	0.2	536457	SMI10000273
K-10-152	147.00	149.00	46	2	0.000	0.00	0.002	0.0	536458	SMI10000273
K-10-152	149.00	151.00	114	7	0.000	0.01	0.007	0.2	536459	SMI10000273
K-10-152	151.00	152.30	137	6	0.000	0.01	0.006	0.2	536460	SMI10000273
K-10-152	152.30	153.30	117	2	0.000	0.01	0.002	0.2	536461	SMI10000273
K-10-152	153.30	156.00	141	10	0.000	0.01	0.010	0.2	536462	SMI10000273
K-10-152	156.00	158.00	182	12	0.000	0.02	0.012	0.3	536463	SMI10000273
K-10-152	158.00	160.00	127	6	0.000	0.01	0.006	0.3	536464	SMI10000273
K-10-152	160.00	162.00	312	2	0.000	0.03	0.002	0.6	536465	SMI10000273
K-10-152	162.00	164.00	138	2	0.000	0.01	0.002	0.3	536466	SMI10000273
K-10-152	164.00	166.00	26	1	0.000	0.00	0.001	0.0	536467	SMI10000273
K-10-152	166.00	168.00	33	2	0.000	0.00	0.002	0.0	536468	SMI10000273
K-10-152	168.00	170.00	94	4	0.000	0.01	0.004	0.1	536469	SMI10000273
K-10-152	170.00	172.00	278	8	0.000	0.03	0.008	0.5	536471	SMI10000273
K-10-152	172.00	174.00	114	9	0.000	0.01	0.009	0.2	536472	SMI10000273
K-10-152	174.00	176.00	177	34	0.000	0.02	0.034	0.4	536473	SMI10000273
K-10-152	176.00	178.00	74	25	0.000	0.01	0.025	0.3	536474	SMI10000273
K-10-152	178.00	180.30	151	11	0.000	0.02	0.011	0.5	536475	SMI10000273

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-152	180.30	182.30	361	51	0.002	0.04	0.051	1.7	536476	SMI10000273
K-10-152	182.30	184.30	209	55	0.001	0.02	0.055	1.3	536477	SMI10000273
K-10-152	184.30	186.00	122	10	0.000	0.01	0.010	0.5	536478	SMI10000273
K-10-152	186.00	188.00	66	3	0.000	0.01	0.003	0.2	536479	SMI10000273
K-10-152	188.00	190.00	63	9	0.001	0.01	0.009	0.4	536480	SMI10000273
K-10-152	190.00	192.00	157	38	0.001	0.02	0.038	1.6	536481	SMI10000273
K-10-152	192.00	194.00	109	26	0.001	0.01	0.026	0.5	536482	SMI10000273
K-10-152	194.00	196.00	256	25	0.001	0.03	0.025	0.6	536483	SMI10000273
K-10-152	196.00	198.00	195	23	0.001	0.02	0.023	0.6	536484	SMI10000273
K-10-152	198.00	200.00	94	43	0.001	0.01	0.043	0.3	536486	SMI10000273
K-10-152	200.00	202.00	55	14	0.001	0.01	0.014	0.1	536487	SMI10000273
K-10-152	202.00	204.00	137	36	0.001	0.01	0.036	0.4	536488	SMI10000273
K-10-152	204.00	206.00	132	33	0.000	0.01	0.033	0.4	536489	SMI10000273
K-10-152	206.00	208.00	945	206	0.000	0.09	0.206	2.7	536490	SMI10000273
K-10-152	208.00	210.00	82	9	0.000	0.01	0.009	0.2	536491	SMI10000273
K-10-152	210.00	212.00	183	19	0.000	0.02	0.019	0.4	536492	SMI10000273
K-10-152	212.00	214.00	337	36	0.001	0.03	0.036	1.0	536493	SMI10000273
K-10-152	214.00	216.00	262	34	0.001	0.03	0.034	1.1	536494	SMI10000273
K-10-152	216.00	218.00	411	57	0.001	0.04	0.057	1.9	536495	SMI10000273
K-10-152	218.00	220.00	490	74	0.001	0.05	0.074	2.2	536496	SMI10000273
K-10-152	220.00	222.00	211	51	0.000	0.02	0.051	0.9	536497	SMI10000273
K-10-152	222.00	224.00	509	320	0.000	0.05	0.320	2.4	536498	SMI10000273
K-10-152	224.00	226.00	1386	3624	0.001	0.14	3.624	6.2	536499	SMI10000273
K-10-152	226.00	228.00	172	15	0.001	0.02	0.015	0.5	536501	SMI10000273
K-10-152	228.00	230.00	118	13	0.000	0.01	0.013	0.3	536502	SMI10000273
K-10-152	230.00	232.00	83	6	0.000	0.01	0.006	0.2	536503	SMI10000273
K-10-152	232.00	234.00	253	23	0.000	0.03	0.023	0.5	536504	SMI10000273
K-10-152	234.00	236.00	139	17	0.000	0.01	0.017	0.4	536505	SMI10000273
K-10-152	236.00	238.00	206	68	0.002	0.02	0.068	0.9	536506	SMI10000273
K-10-152	238.00	240.00	811	97	0.011	0.08	0.097	2.5	536507	SMI10000273
K-10-152	240.00	242.00	331	44	0.006	0.03	0.044	1.0	536508	SMI10000273
K-10-152	242.00	244.00	423	21	0.000	0.04	0.021	0.5	536509	SMI10000273
K-10-152	244.00	246.00	349	22	0.001	0.03	0.022	0.5	536510	SMI10000273
K-10-152	246.00	248.00	456	41	0.000	0.05	0.041	0.8	536511	SMI10000273
K-10-152	248.00	250.40	149	16	0.000	0.01	0.016	0.4	536512	SMI10000273
K-10-152	250.40	252.00	404	37	0.005	0.04	0.037	0.5	536513	SMI10000273
K-10-152	252.00	253.50	839	63	0.000	0.08	0.063	1.5	536514	SMI10000273
K-10-152	253.50	255.00	331	246	0.003	0.03	0.246	2.3	536516	SMI10000273
K-10-152	255.00	257.00	251	44	0.000	0.03	0.044	0.5	536517	SMI10000273
K-10-152	257.00	259.00	575	123	0.000	0.06	0.123	1.9	536518	SMI10000273
K-10-152	259.00	261.00	886	180	0.001	0.09	0.180	2.9	536519	SMI10000273
K-10-152	261.00	263.00	727	172	0.000	0.07	0.172	1.2	536520	SMI10000273
K-10-152	263.00	265.00	512	873	0.000	0.05	0.873	1.3	536521	SMI10000273
K-10-152	265.00	267.00	1048	363	0.000	0.10	0.363	1.5	536522	SMI10000273
K-10-152	267.00	268.00	475	16	0.000	0.05	0.016	0.4	536523	SMI10000273
K-10-152	268.00	270.00	588	14	0.001	0.06	0.014	0.5	536524	SMI10000273
K-10-152	270.00	272.00	2950	91	0.001	0.30	0.091	3.1	536525	SMI10000273
K-10-152	272.00	274.00	1081	111	0.000	0.11	0.111	1.3	536526	SMI10000273
K-10-152	274.00	276.00	537	67	0.001	0.05	0.067	0.5	536527	SMI10000273
K-10-152	276.00	278.00	302	21	0.000	0.03	0.021	0.3	536528	SMI10000273
K-10-152	278.00	279.20	111	45	0.000	0.01	0.045	0.2	536529	SMI10000273
K-10-152	279.20	281.00	220	17	0.000	0.02	0.017	0.3	536531	SMI10000273
K-10-152	281.00	283.00	75	5	0.000	0.01	0.005	1.1	536532	SMI10000273
K-10-152	283.00	285.00	319	10	0.000	0.03	0.010	0.7	536533	SMI10000273
K-10-152	285.00	287.00	470	21	0.000	0.05	0.021	0.4	536534	SMI10000273
K-10-152	287.00	289.00	400	10	0.001	0.04	0.010	0.3	536535	SMI10000273
K-10-152	289.00	291.00	392	19	0.001	0.04	0.019	0.3	536536	SMI10000273
K-10-152	291.00	292.00	318	7	0.002	0.03	0.007	0.2	536537	SMI10000273
K-10-152	292.00	293.50	565	34	0.000	0.06	0.034	0.3	536538	SMI10000273
K-10-152	293.50	296.00	656	12	0.000	0.07	0.012	0.4	536539	SMI10000273
K-10-152	296.00	298.00	1423	62	0.001	0.14	0.062	1.0	536540	SMI10000273
K-10-152	298.00	300.00	244	15	0.000	0.02	0.015	0.2	536541	SMI10000273
K-10-152	300.00	302.80	2800	73	0.000	0.28	0.073	2.3	536542	SMI10000273
K-10-152	302.80	304.00	258	7	0.000	0.03	0.007	0.3	536543	SMI10000273

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-152	304.00	306.00	324	6	0.000	0.03	0.006	0.3	536544	SMI10000273
K-10-152	306.00	308.30	404	10	0.000	0.04	0.010	0.9	536546	SMI10000273
K-10-152	308.30	310.00	566	7	0.000	0.06	0.007	1.2	536547	SMI10000273
K-10-152	310.00	312.00	291	13	0.000	0.03	0.013	0.3	536548	SMI10000273
K-10-152	312.00	314.00	138	3	0.000	0.01	0.003	0.1	536549	SMI10000273
K-10-152	314.00	316.00	480	9	0.000	0.05	0.009	0.7	536550	SMI10000273
K-10-152	316.00	318.00	269	5	0.000	0.03	0.005	0.3	536551	SMI10000273
K-10-152	318.00	320.00	401	18	0.000	0.04	0.018	0.3	536552	SMI10000273
K-10-152	320.00	321.70	406	13	0.000	0.04	0.013	0.3	536553	SMI10000273
K-10-152	321.70	324.00	223	9	0.000	0.02	0.009	0.2	536554	SMI10000273
K-10-152	324.00	326.00	302	10	0.000	0.03	0.010	0.2	536555	SMI10000273
K-10-152	326.00	328.00	1316	64	0.000	0.13	0.064	0.8	536556	SMI10000273
K-10-152	328.00	330.00	413	47	0.000	0.04	0.047	0.3	536557	SMI10000273
K-10-152	330.00	332.00	189	13	0.001	0.02	0.013	0.2	536558	SMI10000273
K-10-152	332.00	334.00	142	21	0.001	0.01	0.021	0.2	536559	SMI10000273
K-10-152	334.00	336.00	169	6	0.002	0.02	0.006	0.4	536561	SMI10000273
K-10-152	336.00	338.00	199	9	0.000	0.02	0.009	0.2	536562	SMI10000273
K-10-152	338.00	340.00	433	13	0.001	0.04	0.013	0.3	536563	SMI10000273
K-10-152	340.00	342.00	283	6	0.000	0.03	0.006	0.2	536564	SMI10000273
K-10-152	342.00	344.00	141	5	0.000	0.01	0.005	0.1	536565	SMI10000273
K-10-152	344.00	346.00	229	6	0.000	0.02	0.006	0.5	536566	SMI10000273
K-10-152	346.00	348.00	327	7	0.001	0.03	0.007	0.3	536567	SMI10000273
K-10-152	348.00	350.00	217	10	0.000	0.02	0.010	0.2	536568	SMI10000273
K-10-152	350.00	352.00	221	9	0.000	0.02	0.009	0.2	536569	SMI10000273
K-10-152	352.00	354.00	276	7	0.001	0.03	0.007	0.3	536570	SMI10000273
K-10-152	354.00	356.00	145	5	0.000	0.01	0.005	0.1	536571	SMI10000273
K-10-152	356.00	358.00	156	6	0.000	0.02	0.006	0.1	536572	SMI10000273
K-10-152	358.00	360.00	90	4	0.000	0.01	0.004	0.1	536573	SMI10000273
K-10-152	360.00	361.79	148	6	0.000	0.01	0.006	0.0	536574	SMI10000273
K-10-153	28.00	30.00	367	4	0.001	0.04	0.004	0.3	538378	SMI10000272
K-10-153	30.00	32.00	307	3	0.000	0.03	0.003	0.4	538379	SMI10000272
K-10-153	32.00	34.00	283	3	0.000	0.03	0.003	0.2	538380	SMI10000272
K-10-153	34.00	36.00	74	1	0.000	0.01	0.001	0.0	538381	SMI10000272
K-10-153	36.00	38.00	139	3	0.000	0.01	0.003	0.1	538382	SMI10000272
K-10-153	38.00	40.00	205	5	0.000	0.02	0.005	0.2	538383	SMI10000272
K-10-153	40.00	42.00	598	23	0.000	0.06	0.023	0.6	538384	SMI10000272
K-10-153	42.00	44.00	405	11	0.000	0.04	0.011	0.4	538385	SMI10000272
K-10-153	44.00	46.00	1133	4	0.000	0.11	0.004	0.8	538386	SMI10000272
K-10-153	46.00	48.00	279	12	0.000	0.03	0.012	0.3	538387	SMI10000272
K-10-153	48.00	50.00	585	13	0.000	0.06	0.013	0.5	538388	SMI10000272
K-10-153	50.00	52.00	264	7	0.000	0.03	0.007	0.3	538389	SMI10000272
K-10-153	52.00	54.00	146	5	0.000	0.01	0.005	0.1	538391	SMI10000272
K-10-153	54.00	56.00	486	8	0.000	0.05	0.008	0.5	538392	SMI10000272
K-10-153	56.00	58.00	438	11	0.000	0.04	0.011	0.5	538393	SMI10000272
K-10-153	58.00	60.00	505	33	0.000	0.05	0.033	0.5	538394	SMI10000272
K-10-153	60.00	62.00	1224	40	0.000	0.12	0.040	1.1	538395	SMI10000272
K-10-153	62.00	64.00	191	7	0.000	0.02	0.007	0.2	538396	SMI10000272
K-10-153	64.00	66.00	320	19	0.000	0.03	0.019	0.3	538397	SMI10000272
K-10-153	66.00	68.00	232	9	0.000	0.02	0.009	0.2	538398	SMI10000272
K-10-153	68.00	69.45	3990	286	0.000	0.40	0.286	3.6	538399	SMI10000272
K-10-153	69.45	71.00	962	69	0.000	0.10	0.069	1.0	538400	SMI10000272
K-10-153	71.00	72.85	213	7	0.000	0.02	0.007	0.2	538401	SMI10000272
K-10-153	72.85	74.00	275	6	0.000	0.03	0.006	0.3	538402	SMI10000272
K-10-153	74.00	76.00	311	18	0.000	0.03	0.018	0.3	538403	SMI10000272
K-10-153	76.00	78.00	109	4	0.001	0.01	0.004	0.1	538404	SMI10000272
K-10-153	78.00	80.00	90	2	0.000	0.01	0.002	0.0	538406	SMI10000272
K-10-153	80.00	82.00	257	3	0.000	0.03	0.003	0.3	538407	SMI10000272
K-10-153	82.00	84.00	137	4	0.000	0.01	0.004	0.3	538408	SMI10000272
K-10-153	84.00	86.00	206	18	0.000	0.02	0.018	0.3	538409	SMI10000272
K-10-153	86.00	88.00	784	33	0.000	0.08	0.033	0.9	538410	SMI10000272
K-10-153	88.00	90.00	365	8	0.000	0.04	0.008	0.4	538411	SMI10000272
K-10-153	90.00	92.00	993	9	0.005	0.10	0.009	0.8	538412	SMI10000272
K-10-153	92.00	94.00	1201	45	0.001	0.12	0.045	1.3	538413	SMI10000272
K-10-153	94.00	96.00	529	26	0.000	0.05	0.026	0.8	538414	SMI10000272

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-153	96.00	98.00	75	6	0.000	0.01	0.006	0.0	538415	SMI10000272
K-10-153	98.00	100.00	212	9	0.000	0.02	0.009	0.2	538416	SMI10000313
K-10-153	100.00	102.00	3360	47	0.000	0.34	0.047	3.8	538417	SMI10000313
K-10-153	102.00	104.00	339	8	0.000	0.03	0.008	0.3	538418	SMI10000313
K-10-153	104.00	106.00	324	6	0.000	0.03	0.006	0.4	538419	SMI10000313
K-10-153	106.00	108.00	728	4	0.000	0.07	0.004	0.8	538421	SMI10000313
K-10-153	108.00	110.00	289	2	0.000	0.03	0.002	0.6	538422	SMI10000313
K-10-153	110.00	111.00	1230	13	0.000	0.12	0.013	1.3	538423	SMI10000313
K-10-153	111.00	113.00	101	1	0.000	0.01	0.001	0.1	538424	SMI10000313
K-10-153	113.00	115.00	1029	19	0.001	0.10	0.019	1.0	538425	SMI10000313
K-10-153	115.00	117.00	831	8	0.002	0.08	0.008	1.0	538426	SMI10000313
K-10-153	117.00	119.00	1655	26	0.004	0.17	0.026	1.2	538427	SMI10000313
K-10-153	119.00	121.00	1854	20	0.007	0.19	0.020	1.0	538428	SMI10000313
K-10-153	121.00	123.00	1514	38	0.005	0.15	0.038	1.0	538429	SMI10000313
K-10-153	123.00	125.00	2370	53	0.004	0.24	0.053	1.3	538430	SMI10000313
K-10-153	125.00	127.00	1263	22	0.026	0.13	0.022	0.7	538431	SMI10000313
K-10-153	127.00	129.00	1142	14	0.009	0.11	0.014	0.7	538432	SMI10000313
K-10-153	129.00	131.00	1391	13	0.006	0.14	0.013	1.0	538433	SMI10000313
K-10-153	131.00	133.00	1251	13	0.002	0.13	0.013	0.8	538434	SMI10000313
K-10-153	133.00	135.00	1026	7	0.003	0.10	0.007	0.9	538436	SMI10000313
K-10-153	135.00	137.00	613	4	0.001	0.06	0.004	0.5	538437	SMI10000313
K-10-153	137.00	139.00	692	5	0.002	0.07	0.005	0.6	538438	SMI10000313
K-10-153	139.00	140.20	441	5	0.001	0.04	0.005	0.8	538439	SMI10000313
K-10-153	140.20	142.00	1455	5	0.008	0.15	0.005	1.4	538440	SMI10000313
K-10-153	142.00	144.00	1541	3	0.019	0.15	0.003	1.2	538441	SMI10000313
K-10-153	144.00	146.00	504	3	0.003	0.05	0.003	0.4	538442	SMI10000313
K-10-153	146.00	148.00	246	0	0.002	0.02	0.000	0.3	538443	SMI10000313
K-10-153	148.00	150.00	1168	8	0.001	0.12	0.008	0.9	538444	SMI10000313
K-10-153	150.00	152.00	369	2	0.000	0.04	0.002	0.3	538445	SMI10000313
K-10-153	152.00	154.00	1760	4	0.001	0.18	0.004	1.9	538446	SMI10000313
K-10-153	154.00	156.00	681	2	0.000	0.07	0.002	0.8	538447	SMI10000313
K-10-153	156.00	158.00	829	6	0.000	0.08	0.006	1.2	538448	SMI10000313
K-10-153	158.00	160.00	2060	12	0.001	0.21	0.012	2.9	538449	SMI10000313
K-10-153	160.00	162.00	197	0	0.001	0.02	0.000	0.4	538451	SMI10000313
K-10-153	162.00	164.00	792	3	0.001	0.08	0.003	1.1	538452	SMI10000313
K-10-153	164.00	166.00	362	4	0.004	0.04	0.004	0.5	538453	SMI10000313
K-10-153	166.00	168.00	886	4	0.001	0.09	0.004	1.0	538454	SMI10000313
K-10-153	168.00	170.00	1749	7	0.001	0.17	0.007	2.0	538455	SMI10000313
K-10-153	170.00	172.00	1508	2	0.002	0.15	0.002	1.9	538456	SMI10000313
K-10-153	172.00	174.00	677	15	0.001	0.07	0.015	1.1	538457	SMI10000313
K-10-153	174.00	176.00	1125	11	0.001	0.11	0.011	1.2	538458	SMI10000313
K-10-153	176.00	178.00	730	5	0.001	0.07	0.005	0.8	538459	SMI10000313
K-10-153	178.00	180.00	273	3	0.006	0.03	0.003	0.4	538460	SMI10000313
K-10-153	180.00	182.00	197	0	0.005	0.02	0.000	0.3	538461	SMI10000313
K-10-153	182.00	184.00	373	1	0.004	0.04	0.001	0.5	538462	SMI10000313
K-10-153	184.00	186.00	330	1	0.001	0.03	0.001	0.6	538463	SMI10000313
K-10-153	186.00	188.00	339	1	0.004	0.03	0.001	0.7	538464	SMI10000313
K-10-153	188.00	190.00	562	4	0.002	0.06	0.004	1.3	538466	SMI10000313
K-10-153	190.00	192.00	242	0	0.009	0.02	0.000	0.4	538467	SMI10000313
K-10-153	192.00	194.00	360	1	0.002	0.04	0.001	0.4	538468	SMI10000313
K-10-153	194.00	196.00	327	5	0.002	0.03	0.005	0.4	538469	SMI10000313
K-10-153	196.00	198.00	374	4	0.004	0.04	0.004	0.2	538470	SMI10000313
K-10-153	198.00	200.00	312	3	0.002	0.03	0.003	0.2	538471	SMI10000313
K-10-153	200.00	202.00	993	16	0.008	0.10	0.016	0.7	538472	SMI10000313
K-10-153	202.00	204.00	375	0	0.004	0.04	0.000	0.4	538473	SMI10000313
K-10-153	204.00	206.95	1579	7	0.006	0.16	0.007	1.7	538474	SMI10000313
K-10-153	206.95	209.00	1357	7	0.019	0.14	0.007	1.2	538475	SMI10000313
K-10-153	209.00	211.00	611	13	0.020	0.06	0.013	0.5	538476	SMI10000313
K-10-153	211.00	213.00	1304	72	0.006	0.13	0.072	0.8	538477	SMI10000313
K-10-153	213.00	215.00	936	31	0.001	0.09	0.031	1.0	538478	SMI10000313
K-10-153	215.00	216.95	2230	89	0.003	0.22	0.089	1.9	538479	SMI10000313
K-10-153	216.95	218.50	2400	154	0.010	0.24	0.154	1.8	538481	SMI10000313
K-10-153	218.50	220.50	470	19	0.003	0.05	0.019	0.4	538482	SMI10000313
K-10-153	220.50	222.30	598	4	0.002	0.06	0.004	0.4	538483	SMI10000313

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-153	222.30	224.00	1230	12	0.001	0.12	0.012	1.0	538484	SMI10000313
K-10-153	224.00	226.00	591	14	0.003	0.06	0.014	0.5	538485	SMI10000313
K-10-153	226.00	228.00	536	5	0.003	0.05	0.005	0.5	538486	SMI10000313
K-10-153	228.00	230.00	1110	32	0.001	0.11	0.032	0.8	538487	SMI10000313
K-10-153	230.00	232.00	1613	50	0.001	0.16	0.050	1.3	538488	SMI10000313
K-10-153	232.00	234.00	1192	33	0.002	0.12	0.033	1.0	538489	SMI10000313
K-10-153	234.00	236.00	1222	17	0.004	0.12	0.017	1.0	538490	SMI10000313
K-10-153	236.00	238.00	1051	30	0.002	0.11	0.030	0.9	538491	SMI10000313
K-10-153	238.00	240.00	762	17	0.001	0.08	0.017	0.6	538492	SMI10000313
K-10-153	240.00	242.00	261	6	0.002	0.03	0.006	0.2	538493	SMI10000313
K-10-153	242.00	244.00	471	11	0.001	0.05	0.011	0.3	538494	SMI10000313
K-10-153	244.00	246.00	581	13	0.001	0.06	0.013	0.4	538496	SMI10000313
K-10-153	246.00	248.00	610	16	0.004	0.06	0.016	0.4	538497	SMI10000313
K-10-153	248.00	250.00	387	9	0.001	0.04	0.009	0.3	538498	SMI10000313
K-10-153	250.00	252.70	704	30	0.002	0.07	0.030	0.5	538499	SMI10000313
K-10-153	252.70	255.10	452	6	0.002	0.05	0.006	0.4	538500	SMI10000313
K-10-153	255.10	257.00	670	17	0.001	0.07	0.017	4.2	538501	SMI10000313
K-10-153	257.00	259.00	593	16	0.001	0.06	0.016	1.0	538502	SMI10000313
K-10-153	259.00	261.00	613	19	0.002	0.06	0.019	0.4	538503	SMI10000313
K-10-153	261.00	263.00	698	17	0.001	0.07	0.017	0.5	538504	SMI10000313
K-10-153	263.00	265.00	555	13	0.001	0.06	0.013	0.3	538505	SMI10000313
K-10-153	265.00	267.00	603	11	0.001	0.06	0.011	0.5	538506	SMI10000313
K-10-153	267.00	269.00	512	7	0.001	0.05	0.007	0.7	538507	SMI10000313
K-10-153	269.00	271.00	538	19	0.001	0.05	0.019	0.5	538508	SMI10000313
K-10-153	271.00	273.00	592	33	0.002	0.06	0.033	1.0	538509	SMI10000313
K-10-153	273.00	274.01	999	38	0.003	0.10	0.038	0.9	538511	SMI10000313
K-10-154	36.75	38.00	142	37	0.000	0.01	0.037	0.6	536576	SMI10000314
K-10-154	38.00	40.00	99	55	0.000	0.01	0.055	0.7	536577	SMI10000314
K-10-154	40.00	42.00	226	57	0.000	0.02	0.057	1.3	536578	SMI10000314
K-10-154	42.00	44.00	204	26	0.000	0.02	0.026	0.7	536579	SMI10000314
K-10-154	44.00	46.00	550	64	0.000	0.06	0.064	1.9	536580	SMI10000314
K-10-154	46.00	48.00	225	70	0.001	0.02	0.070	0.8	536581	SMI10000314
K-10-154	48.00	50.00	125	96	0.002	0.01	0.096	0.8	536582	SMI10000314
K-10-154	50.00	52.00	254	33	0.000	0.03	0.033	0.6	536583	SMI10000314
K-10-154	52.00	54.25	99	24	0.001	0.01	0.024	0.4	536584	SMI10000314
K-10-154	54.25	56.00	136	18	0.000	0.01	0.018	0.4	536585	SMI10000314
K-10-154	56.00	58.00	106	18	0.000	0.01	0.018	0.3	536586	SMI10000314
K-10-154	58.00	60.00	96	11	0.000	0.01	0.011	0.3	536587	SMI10000314
K-10-154	60.00	62.00	71	6	0.000	0.01	0.006	0.2	536588	SMI10000314
K-10-154	62.00	64.00	96	8	0.001	0.01	0.008	0.1	536589	SMI10000314
K-10-154	64.00	66.00	88	3	0.000	0.01	0.003	0.1	536591	SMI10000314
K-10-154	66.00	68.00	182	59	0.001	0.02	0.059	0.6	536592	SMI10000314
K-10-154	68.00	70.00	51	4	0.000	0.01	0.004	0.2	536593	SMI10000314
K-10-154	70.00	72.00	42	1	0.000	0.00	0.001	0.0	536594	SMI10000314
K-10-154	72.00	74.00	50	2	0.000	0.00	0.002	0.2	536595	SMI10000314
K-10-154	74.00	76.00	25	1	0.000	0.00	0.001	0.0	536596	SMI10000314
K-10-154	76.00	78.00	23	0	0.000	0.00	0.000	0.0	536597	SMI10000314
K-10-154	78.00	80.00	34	0	0.000	0.00	0.000	0.0	536598	SMI10000314
K-10-154	80.00	82.00	35	1	0.000	0.00	0.001	0.0	536599	SMI10000314
K-10-154	82.00	84.00	71	3	0.000	0.01	0.003	0.1	536600	SMI10000314
K-10-154	84.00	86.00	191	8	0.000	0.02	0.008	1.4	536601	SMI10000314
K-10-154	86.00	87.38	112	11	0.000	0.01	0.011	0.3	536602	SMI10000314
K-10-154	87.38	89.00	237	11	0.000	0.02	0.011	0.4	536603	SMI10000314
K-10-154	89.00	91.00	364	46	0.003	0.04	0.046	0.7	536604	SMI10000314
K-10-154	91.00	93.00	293	117	0.003	0.03	0.117	0.6	536606	SMI10000314
K-10-154	93.00	95.00	231	33	0.001	0.02	0.033	0.6	536607	SMI10000314
K-10-154	95.00	97.00	65	16	0.000	0.01	0.016	0.2	536608	SMI10000314
K-10-154	97.00	99.00	107	25	0.000	0.01	0.025	0.2	536609	SMI10000314
K-10-154	99.00	101.00	175	20	0.000	0.02	0.020	0.4	536610	SMI10000314
K-10-154	101.00	103.00	505	121	0.001	0.05	0.121	1.6	536611	SMI10000314
K-10-154	103.00	105.00	186	38	0.000	0.02	0.038	0.6	536612	SMI10000314
K-10-154	105.00	107.30	124	68	0.000	0.01	0.068	0.8	536613	SMI10000314
K-10-154	107.30	109.90	89	93	0.000	0.01	0.093	0.7	536614	SMI10000314
K-10-154	109.90	112.00	75	3	0.000	0.01	0.003	0.2	536615	SMI10000314

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-154	112.00	114.50	149	117	0.000	0.01	0.117	1.9	536616	SMI10000314
K-10-154	114.50	116.00	179	71	0.000	0.02	0.071	1.2	536617	SMI10000314
K-10-154	116.00	118.72	176	74	0.007	0.02	0.074	2.5	536618	SMI10000314
K-10-154	118.72	120.00	87	16	0.001	0.01	0.016	0.4	536619	SMI10000314
K-10-154	120.00	122.00	80	6	0.000	0.01	0.006	0.2	536621	SMI10000314
K-10-154	122.00	124.00	107	12	0.000	0.01	0.012	0.2	536622	SMI10000314
K-10-154	124.00	126.00	111	16	0.000	0.01	0.016	0.3	536623	SMI10000314
K-10-154	126.00	128.00	67	31	0.001	0.01	0.031	0.2	536624	SMI10000314
K-10-154	128.00	130.00	68	6	0.001	0.01	0.006	0.2	536625	SMI10000314
K-10-154	130.00	132.00	662	101	0.002	0.07	0.101	2.2	536626	SMI10000314
K-10-154	132.00	134.00	126	13	0.000	0.01	0.013	0.2	536627	SMI10000314
K-10-154	134.00	136.00	249	21	0.000	0.02	0.021	0.5	536628	SMI10000314
K-10-154	136.00	138.00	228	32	0.000	0.02	0.032	0.5	536629	SMI10000314
K-10-154	138.00	140.00	44	18	0.000	0.00	0.018	0.0	536630	SMI10000314
K-10-154	140.00	142.00	81	2	0.000	0.01	0.002	0.1	536631	SMI10000314
K-10-154	142.00	144.00	70	4	0.000	0.01	0.004	0.0	536632	SMI10000314
K-10-154	144.00	146.90	59	2	0.000	0.01	0.002	0.1	536633	SMI10000314
K-10-154	146.90	147.90	47	0	0.000	0.00	0.000	0.0	536634	SMI10000314
K-10-154	147.90	150.00	219	13	0.000	0.02	0.013	0.3	536636	SMI10000314
K-10-154	150.00	152.00	102	6	0.001	0.01	0.006	0.0	536637	SMI10000314
K-10-154	152.00	154.00	45	4	0.000	0.00	0.004	0.0	536638	SMI10000314
K-10-154	154.00	156.00	81	1	0.000	0.01	0.001	0.1	536639	SMI10000314
K-10-154	156.00	158.00	320	15	0.000	0.03	0.015	0.8	536640	SMI10000314
K-10-154	158.00	160.00	138	9	0.000	0.01	0.009	0.2	536641	SMI10000314
K-10-154	160.00	162.00	175	13	0.000	0.02	0.013	0.3	536642	SMI10000314
K-10-154	162.00	164.00	181	14	0.000	0.02	0.014	0.3	536643	SMI10000314
K-10-154	164.00	166.60	42	6	0.000	0.00	0.006	0.1	536644	SMI10000314
K-10-154	166.60	168.00	32	3	0.000	0.00	0.003	0.0	536645	SMI10000314
K-10-154	168.00	170.00	102	5	0.000	0.01	0.005	0.2	536646	SMI10000314
K-10-154	170.00	172.00	50	2	0.000	0.01	0.002	0.0	536647	SMI10000314
K-10-154	172.00	174.00	135	7	0.000	0.01	0.007	0.2	536648	SMI10000314
K-10-154	174.00	176.00	68	3	0.001	0.01	0.003	0.1	536649	SMI10000314
K-10-154	176.00	178.00	99	11	0.000	0.01	0.011	0.2	536651	SMI10000314
K-10-154	178.00	180.00	27	2	0.000	0.00	0.002	0.0	536652	SMI10000314
K-10-154	180.00	182.00	155	10	0.000	0.02	0.010	0.3	536653	SMI10000314
K-10-154	182.00	184.00	200	32	0.002	0.02	0.032	0.5	536654	SMI10000314
K-10-154	184.00	186.00	180	14	0.001	0.02	0.014	0.4	536655	SMI10000314
K-10-154	186.00	188.00	153	19	0.001	0.02	0.019	0.4	536656	SMI10000314
K-10-154	188.00	189.90	130	15	0.000	0.01	0.015	0.3	536657	SMI10000314
K-10-154	189.90	192.00	47	13	0.000	0.00	0.013	0.2	536658	SMI10000314
K-10-154	192.00	194.00	72	8	0.000	0.01	0.008	0.3	536659	SMI10000314
K-10-154	194.00	196.00	463	94	0.001	0.05	0.094	1.4	536660	SMI10000314
K-10-154	196.00	198.00	666	123	0.001	0.07	0.123	1.7	536661	SMI10000314
K-10-154	198.00	200.00	236	23	0.000	0.02	0.023	1.1	536662	SMI10000314
K-10-154	200.00	202.00	137	119	0.000	0.01	0.119	1.5	536663	SMI10000314
K-10-154	202.00	204.00	113	13	0.001	0.01	0.013	0.4	536664	SMI10000314
K-10-154	204.00	206.00	130	14	0.000	0.01	0.014	0.5	536666	SMI10000314
K-10-154	206.00	208.00	219	58	0.001	0.02	0.058	0.5	536667	SMI10000314
K-10-154	208.00	210.00	1414	348	0.000	0.14	0.348	2.7	536668	SMI10000314
K-10-154	210.00	212.00	609	167	0.000	0.06	0.167	1.0	536669	SMI10000314
K-10-154	212.00	214.00	32	3	0.000	0.00	0.003	0.0	536670	SMI10000314
K-10-154	214.00	216.00	31	2	0.000	0.00	0.002	0.0	536671	SMI10000314
K-10-154	216.00	218.00	130	7	0.000	0.01	0.007	0.2	536672	SMI10000314
K-10-154	218.00	220.00	325	40	0.001	0.03	0.040	0.6	536673	SMI10000314
K-10-154	220.00	222.00	1256	74	0.001	0.13	0.074	2.2	536674	SMI10000314
K-10-154	222.00	224.00	142	19	0.000	0.01	0.019	0.2	536675	SMI10000314
K-10-154	224.00	226.00	93	8	0.000	0.01	0.008	0.1	536676	SMI10000314
K-10-154	226.00	228.00	103	8	0.000	0.01	0.008	0.2	536677	SMI10000314
K-10-154	228.00	230.00	111	38	0.001	0.01	0.038	0.2	536678	SMI10000314
K-10-154	230.00	232.00	129	34	0.001	0.01	0.034	0.2	536679	SMI10000314
K-10-154	232.00	234.00	18	9	0.000	0.00	0.009	0.0	536681	SMI10000314
K-10-154	234.00	236.00	189	20	0.001	0.02	0.020	0.3	536682	SMI10000314
K-10-154	236.00	238.00	211	14	0.001	0.02	0.014	0.3	536683	SMI10000314
K-10-154	238.00	240.00	122	10	0.001	0.01	0.010	0.2	536684	SMI10000314

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-154	240.00	242.00	470	96	0.001	0.05	0.096	2.9	536685	SMI10000314
K-10-154	242.00	244.00	1388	99	0.001	0.14	0.099	3.0	536686	SMI10000314
K-10-154	244.00	246.00	97	11	0.002	0.01	0.011	0.2	536687	SMI10000314
K-10-154	246.00	248.00	192	11	0.003	0.02	0.011	0.3	536688	SMI10000314
K-10-154	248.00	249.80	183	11	0.004	0.02	0.011	0.3	536689	SMI10000314
K-10-154	249.80	252.00	907	231	0.003	0.09	0.231	2.1	536690	SMI10000314
K-10-154	252.00	254.00	968	204	0.001	0.10	0.204	1.8	536691	SMI10000314
K-10-154	254.00	256.00	626	167	0.002	0.06	0.167	1.3	536692	SMI10000314
K-10-154	256.00	258.00	615	85	0.002	0.06	0.085	1.3	536693	SMI10000314
K-10-154	258.00	260.00	676	96	0.002	0.07	0.096	1.7	536694	SMI10000314
K-10-154	260.00	262.00	744	106	0.002	0.07	0.106	1.6	536696	SMI10000314
K-10-154	262.00	264.00	178	1413	0.001	0.02	1.413	0.5	536697	SMI10000314
K-10-154	264.00	266.00	254	34	0.000	0.03	0.034	0.6	536698	SMI10000314
K-10-154	266.00	268.00	542	80	0.002	0.05	0.080	1.3	536699	SMI10000314
K-10-154	268.00	270.00	479	69	0.001	0.05	0.069	1.1	536700	SMI10000314
K-10-154	270.00	272.00	183	12	0.001	0.02	0.012	0.4	536701	SMI10000314
K-10-154	272.00	274.00	229	10	0.001	0.02	0.010	0.5	536702	SMI10000314
K-10-154	274.00	276.00	288	16	0.001	0.03	0.016	0.6	536703	SMI10000314
K-10-154	276.00	277.30	232	39	0.001	0.02	0.039	0.5	536704	SMI10000314
K-10-154	277.30	279.00	319	26	0.001	0.03	0.026	0.6	536705	SMI10000314
K-10-154	279.00	281.00	894	58	0.002	0.09	0.058	1.6	536706	SMI10000314
K-10-154	281.00	283.00	1170	89	0.001	0.12	0.089	1.7	536707	SMI10000314
K-10-154	283.00	285.00	659	98	0.001	0.07	0.098	1.3	536708	SMI10000314
K-10-154	285.00	287.00	838	47	0.001	0.08	0.047	1.1	536709	SMI10000314
K-10-154	287.00	289.00	985	96	0.002	0.10	0.096	1.9	536711	SMI10000314
K-10-154	289.00	291.00	1585	214	0.002	0.16	0.214	3.3	536712	SMI10000314
K-10-154	291.00	293.00	1028	173	0.003	0.10	0.173	3.1	536713	SMI10000314
K-10-154	293.00	295.00	1700	152	0.002	0.17	0.152	4.2	536714	SMI10000314
K-10-154	295.00	297.00	973	103	0.003	0.10	0.103	2.2	536715	SMI10000314
K-10-154	297.00	299.00	537	81	0.003	0.05	0.081	1.5	536716	SMI10000314
K-10-154	299.00	301.00	202	24	0.001	0.02	0.024	0.4	536717	SMI10000314
K-10-154	301.00	303.00	378	773	0.001	0.04	0.773	2.4	536718	SMI10000314
K-10-154	303.00	305.00	1124	482	0.003	0.11	0.482	5.6	536719	SMI10000314
K-10-154	305.00	307.00	565	92	0.001	0.06	0.092	2.0	536720	SMI10000314
K-10-154	307.00	309.00	186	61	0.001	0.02	0.061	0.5	536721	SMI10000314
K-10-154	309.00	311.00	223	48	0.002	0.02	0.048	0.7	536722	SMI10000314
K-10-154	311.00	313.13	603	127	0.001	0.06	0.127	2.2	536723	SMI10000314
K-10-154	313.13	315.00	322	43	0.001	0.03	0.043	1.1	536724	SMI10000314
K-10-154	315.00	317.00	223	13	0.001	0.02	0.013	0.7	536726	SMI10000314
K-10-154	317.00	319.00	222	19	0.001	0.02	0.019	0.9	536727	SMI10000314
K-10-154	319.00	321.00	191	10	0.001	0.02	0.010	0.3	536728	SMI10000314
K-10-154	321.00	323.00	276	19	0.001	0.03	0.019	0.7	536729	SMI10000314
K-10-154	323.00	325.00	183	8	0.001	0.02	0.008	0.4	536730	SMI10000314
K-10-154	325.00	327.00	330	57	0.002	0.03	0.057	0.7	536731	SMI10000314
K-10-154	327.00	329.00	274	13	0.001	0.03	0.013	0.4	536732	SMI10000314
K-10-154	329.00	331.00	201	15	0.001	0.02	0.015	0.4	536733	SMI10000314
K-10-154	331.00	333.00	303	30	0.001	0.03	0.030	0.7	536734	SMI10000314
K-10-154	333.00	335.00	312	22	0.001	0.03	0.022	0.5	536735	SMI10000314
K-10-154	335.00	337.72	355	24	0.001	0.04	0.024	0.4	536736	SMI10000314
K-10-155	3.04	5.00	754	6	0.000	0.08	0.006	0.1	538512	SMI10000304
K-10-155	5.00	7.00	605	6	0.000	0.06	0.006	0.1	538513	SMI10000304
K-10-155	7.00	9.00	660	5	0.000	0.07	0.005	0.1	538514	SMI10000304
K-10-155	9.00	11.00	1679	12	0.086	0.17	0.012	0.3	538515	SMI10000304
K-10-155	11.00	13.00	1832	39	0.003	0.18	0.039	0.4	538516	SMI10000304
K-10-155	13.00	15.00	450	9	0.001	0.04	0.009	0.1	538517	SMI10000304
K-10-155	15.00	17.00	67	2	0.002	0.01	0.002	0.0	538518	SMI10000304
K-10-155	17.00	19.00	25	3	0.000	0.00	0.003	0.0	538519	SMI10000304
K-10-155	19.00	21.00	262	8	0.001	0.03	0.008	0.0	538520	SMI10000304
K-10-155	21.00	23.00	35	2	0.000	0.00	0.002	0.0	538521	SMI10000304
K-10-155	23.00	25.00	110	1	0.000	0.01	0.001	0.0	538522	SMI10000304
K-10-155	25.00	27.00	119	1	0.000	0.01	0.001	0.0	538523	SMI10000304
K-10-155	27.00	29.00	1484	10	0.005	0.15	0.010	0.4	538524	SMI10000304
K-10-155	29.00	31.00	415	3	0.001	0.04	0.003	0.0	538526	SMI10000304
K-10-155	31.00	33.00	246	4	0.000	0.02	0.004	0.0	538527	SMI10000304

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-155	33.00	35.00	132	4	0.000	0.01	0.004	0.0	538528	SMI10000304
K-10-155	35.00	37.20	678	11	0.001	0.07	0.011	0.1	538529	SMI10000304
K-10-155	37.20	40.00	408	9	0.002	0.04	0.009	0.1	538530	SMI10000304
K-10-155	40.00	42.00	323	9	0.000	0.03	0.009	0.0	538531	SMI10000304
K-10-155	42.00	44.00	190	5	0.000	0.02	0.005	0.0	538532	SMI10000304
K-10-155	44.00	46.00	361	18	0.000	0.04	0.018	0.1	538533	SMI10000304
K-10-155	46.00	48.00	196	9	0.001	0.02	0.009	0.1	538534	SMI10000304
K-10-155	48.00	50.00	88	3	0.000	0.01	0.003	0.1	538535	SMI10000304
K-10-155	50.00	52.00	117	4	0.000	0.01	0.004	0.0	538536	SMI10000304
K-10-155	52.00	54.00	185	4	0.000	0.02	0.004	0.2	538537	SMI10000304
K-10-155	54.00	56.00	144	4	0.001	0.01	0.004	0.1	538538	SMI10000304
K-10-155	56.00	58.00	152	6	0.000	0.02	0.006	0.1	538539	SMI10000304
K-10-155	58.00	60.00	152	7	0.000	0.02	0.007	0.2	538541	SMI10000304
K-10-155	60.00	62.00	135	10	0.000	0.01	0.010	0.1	538542	SMI10000304
K-10-155	62.00	64.00	120	3	0.000	0.01	0.003	0.1	538543	SMI10000304
K-10-155	64.00	66.90	128	5	0.000	0.01	0.005	0.1	538544	SMI10000304
K-10-155	66.90	69.00	237	10	0.006	0.02	0.010	0.3	538545	SMI10000304
K-10-155	69.00	71.00	353	10	0.013	0.04	0.010	0.4	538546	SMI10000304
K-10-155	71.00	73.00	233	2	0.001	0.02	0.002	0.2	538547	SMI10000304
K-10-155	73.00	75.00	187	37	0.001	0.02	0.037	1.0	538548	SMI10000304
K-10-155	75.00	77.00	282	20	0.001	0.03	0.020	0.6	538549	SMI10000304
K-10-155	77.00	79.00	301	13	0.024	0.03	0.013	1.5	538550	SMI10000304
K-10-155	79.00	81.00	372	3	0.008	0.04	0.003	0.9	538551	SMI10000304
K-10-155	81.00	83.00	232	6	0.000	0.02	0.006	0.2	538552	SMI10000304
K-10-155	83.00	85.00	401	5	0.006	0.04	0.005	0.4	538553	SMI10000304
K-10-155	85.00	87.00	721	7	0.031	0.07	0.007	0.8	538554	SMI10000304
K-10-155	87.00	89.00	707	13	0.003	0.07	0.013	0.6	538556	SMI10000304
K-10-155	89.00	91.00	666	14	0.003	0.07	0.014	0.6	538557	SMI10000304
K-10-155	91.00	93.00	378	9	0.002	0.04	0.009	0.3	538558	SMI10000304
K-10-155	93.00	95.00	1210	18	0.003	0.12	0.018	0.9	538559	SMI10000304
K-10-155	95.00	97.00	1114	15	0.005	0.11	0.015	0.8	538560	SMI10000304
K-10-155	97.00	99.00	1566	36	0.007	0.16	0.036	1.4	538561	SMI10000304
K-10-155	99.00	101.00	1803	60	0.005	0.18	0.060	1.7	538562	SMI10000304
K-10-155	101.00	103.00	4100	84	0.019	0.41	0.084	3.3	538563	SMI10000304
K-10-155	103.00	105.00	2200	43	0.007	0.22	0.043	1.8	538564	SMI10000304
K-10-155	105.00	107.00	1901	66	0.012	0.19	0.066	2.7	538565	SMI10000304
K-10-155	107.00	109.00	2880	119	0.006	0.29	0.119	3.9	538566	SMI10000304
K-10-155	109.00	111.00	4340	117	0.011	0.43	0.117	3.7	538567	SMI10000304
K-10-155	111.00	113.00	3040	58	0.011	0.30	0.058	2.8	538568	SMI10000304
K-10-155	113.00	115.00	1313	34	0.001	0.13	0.034	1.0	538569	SMI10000304
K-10-155	115.00	117.00	1501	15	0.004	0.15	0.015	1.4	538571	SMI10000304
K-10-155	117.00	119.00	2160	84	0.008	0.22	0.084	1.8	538572	SMI10000304
K-10-155	119.00	121.00	2330	48	0.005	0.23	0.048	1.6	538573	SMI10000304
K-10-155	121.00	123.00	3080	58	0.010	0.31	0.058	2.1	538574	SMI10000304
K-10-155	123.00	125.70	1958	40	0.006	0.20	0.040	1.3	538575	SMI10000304
K-10-155	125.70	127.80	616	10	0.001	0.06	0.010	0.4	538576	SMI10000304
K-10-155	127.80	129.00	40	0	0.000	0.00	0.000	0.0	538577	SMI10000304
K-10-155	129.00	131.00	112	1	0.000	0.01	0.001	0.4	538578	SMI10000304
K-10-155	131.00	133.00	525	13	0.002	0.05	0.013	0.4	538579	SMI10000304
K-10-155	133.00	135.00	913	22	0.001	0.09	0.022	0.6	538580	SMI10000304
K-10-155	135.00	137.00	542	17	0.003	0.05	0.017	0.3	538581	SMI10000304
K-10-155	137.00	139.00	335	9	0.003	0.03	0.009	0.2	538582	SMI10000304
K-10-155	139.00	141.00	1211	20	0.002	0.12	0.020	0.8	538583	SMI10000304
K-10-155	141.00	143.40	449	12	0.000	0.04	0.012	0.4	538584	SMI10000304
K-10-155	143.40	144.10	500	26	0.000	0.05	0.026	0.4	538586	SMI10000304
K-10-155	144.10	146.00	459	13	0.001	0.05	0.013	0.4	538587	SMI10000304
K-10-155	146.00	148.00	205	6	0.001	0.02	0.006	0.1	538588	SMI10000304
K-10-155	148.00	150.00	615	13	0.014	0.06	0.013	0.5	538589	SMI10000304
K-10-155	150.00	152.00	576	18	0.000	0.06	0.018	0.6	538590	SMI10000304
K-10-155	152.00	154.00	571	12	0.002	0.06	0.012	0.6	538591	SMI10000304
K-10-155	154.00	156.00	795	15	0.008	0.08	0.015	1.0	538592	SMI10000304
K-10-155	156.00	158.00	356	12	0.000	0.04	0.012	0.5	538593	SMI10000304
K-10-155	158.00	160.00	395	13	0.013	0.04	0.013	0.4	538594	SMI10000304
K-10-155	160.00	162.00	847	28	0.001	0.08	0.028	0.9	538595	SMI10000304

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-155	162.00	164.00	424	9	0.020	0.04	0.009	0.5	538596	SMI10000304
K-10-155	164.00	166.00	442	10	0.004	0.04	0.010	0.5	538597	SMI10000304
K-10-155	166.00	168.00	387	5	0.004	0.04	0.005	0.3	538598	SMI10000304
K-10-155	168.00	170.00	694	14	0.001	0.07	0.014	0.5	538599	SMI10000304
K-10-155	170.00	172.00	2260	47	0.013	0.23	0.047	1.2	538601	SMI10000304
K-10-155	172.00	174.00	1684	20	0.007	0.17	0.020	0.8	538602	SMI10000304
K-10-155	174.00	176.00	1069	24	0.006	0.11	0.024	0.6	538603	SMI10000304
K-10-155	176.00	178.00	405	8	0.001	0.04	0.008	0.2	538604	SMI10000304
K-10-155	178.00	180.00	427	10	0.000	0.04	0.010	0.3	538605	SMI10000304
K-10-155	180.00	182.00	815	8	0.000	0.08	0.008	0.6	538606	SMI10000304
K-10-155	182.00	184.00	520	5	0.002	0.05	0.005	0.6	538607	SMI10000304
K-10-155	184.00	186.00	640	6	0.007	0.06	0.006	0.5	538608	SMI10000304
K-10-155	186.00	188.00	1240	22	0.007	0.12	0.022	0.7	538609	SMI10000304
K-10-155	188.00	190.00	1253	27	0.005	0.13	0.027	1.2	538610	SMI10000304
K-10-155	190.00	192.00	323	4	0.004	0.03	0.004	0.2	538611	SMI10000304
K-10-155	192.00	193.40	460	7	0.000	0.05	0.007	0.3	538612	SMI10000304
K-10-155	193.40	194.55	605	11	0.002	0.06	0.011	0.6	538613	SMI10000304
K-10-155	194.55	196.80	529	2	0.004	0.05	0.002	0.5	538614	SMI10000304
K-10-155	196.80	198.85	1721	7	0.002	0.17	0.007	1.7	538616	SMI10000304
K-10-155	198.85	200.40	140	4	0.001	0.01	0.004	0.0	538617	SMI10000304
K-10-155	200.40	202.50	457	7	0.003	0.05	0.007	0.4	538618	SMI10000304
K-10-155	202.50	204.00	276	2	0.007	0.03	0.002	0.3	538619	SMI10000304
K-10-155	204.00	206.00	108	3	0.000	0.01	0.003	0.0	538620	SMI10000304
K-10-155	206.00	207.55	90	2	0.000	0.01	0.002	0.0	538621	SMI10000304
K-10-155	207.55	209.00	131	3	0.000	0.01	0.003	0.1	538622	SMI10000304
K-10-155	209.00	211.00	65	2	0.000	0.01	0.002	0.0	538623	SMI10000304
K-10-155	211.00	213.00	45	1	0.000	0.00	0.001	0.0	538624	SMI10000304
K-10-155	213.00	215.00	100	4	0.000	0.01	0.004	0.0	538625	SMI10000304
K-10-155	215.00	217.00	126	2	0.000	0.01	0.002	0.0	538626	SMI10000304
K-10-155	217.00	219.00	166	2	0.000	0.02	0.002	0.0	538627	SMI10000304
K-10-155	219.00	221.00	44	1	0.000	0.00	0.001	0.0	538628	SMI10000304
K-10-155	221.00	223.00	88	2	0.000	0.01	0.002	0.0	538629	SMI10000304
K-10-155	223.00	225.00	66	1	0.000	0.01	0.001	0.0	538631	SMI10000304
K-10-155	225.00	227.00	51	1	0.000	0.01	0.001	0.0	538632	SMI10000304
K-10-155	227.00	229.00	87	2	0.000	0.01	0.002	0.0	538633	SMI10000304
K-10-155	229.00	231.00	46	3	0.000	0.00	0.003	0.0	538634	SMI10000304
K-10-155	231.00	233.00	46	1	0.000	0.00	0.001	0.0	538635	SMI10000304
K-10-155	233.00	235.00	42	1	0.000	0.00	0.001	0.0	538636	SMI10000304
K-10-155	235.00	237.00	83	2	0.000	0.01	0.002	0.0	538637	SMI10000304
K-10-155	237.00	238.95	136	4	0.000	0.01	0.004	0.0	538638	SMI10000304
K-10-155	238.95	241.00	468	12	0.001	0.05	0.012	0.3	538639	SMI10000304
K-10-155	241.00	243.00	418	9	0.001	0.04	0.009	0.4	538640	SMI10000304
K-10-155	243.00	246.00	999	25	0.012	0.10	0.025	0.8	538641	SMI10000304
K-10-155	246.00	247.50	777	18	0.003	0.08	0.018	0.9	538642	SMI10000304
K-10-155	247.50	249.00	940	12	0.001	0.09	0.012	1.1	538643	SMI10000304
K-10-155	249.00	250.00	363	4	0.004	0.04	0.004	0.5	538644	SMI10000304
K-10-155	250.00	252.00	334	4	0.002	0.03	0.004	0.4	538646	SMI10000304
K-10-155	252.00	254.00	211	2	0.002	0.02	0.002	0.2	538647	SMI10000304
K-10-155	254.00	256.00	153	2	0.001	0.02	0.002	0.1	538648	SMI10000304
K-10-155	256.00	258.00	296	2	0.001	0.03	0.002	0.3	538649	SMI10000304
K-10-155	258.00	260.00	148	1	0.001	0.01	0.001	0.2	538650	SMI10000304
K-10-155	260.00	262.00	150	1	0.001	0.02	0.001	0.1	538651	SMI10000304
K-10-155	262.00	264.00	736	13	0.001	0.07	0.013	0.9	538652	SMI10000304
K-10-155	264.00	266.00	1529	15	0.003	0.15	0.015	2.3	538653	SMI10000304
K-10-155	266.00	268.00	625	86	0.004	0.06	0.086	1.6	538654	SMI10000304
K-10-155	268.00	270.00	567	8	0.003	0.06	0.008	0.6	538655	SMI10000304
K-10-155	270.00	272.00	1560	18	0.007	0.16	0.018	1.2	538656	SMI10000304
K-10-155	272.00	274.00	413	5	0.003	0.04	0.005	0.4	538657	SMI10000304
K-10-155	274.00	275.00	1026	11	0.003	0.10	0.011	1.1	538658	SMI10000304
K-10-155	275.00	277.00	1764	15	0.002	0.18	0.015	1.3	538659	SMI10000304
K-10-155	277.00	279.00	676	13	0.001	0.07	0.013	0.6	538661	SMI10000304
K-10-155	279.00	281.00	505	10	0.002	0.05	0.010	0.4	538662	SMI10000304
K-10-155	281.00	283.00	456	10	0.001	0.05	0.010	0.2	538663	SMI10000304
K-10-155	283.00	285.00	462	8	0.001	0.05	0.008	0.5	538664	SMI10000304

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-155	285.00	287.00	1411	31	0.004	0.14	0.031	1.2	538665	SMI10000304
K-10-155	287.00	289.00	1668	28	0.006	0.17	0.028	2.0	538666	SMI10000304
K-10-155	289.00	291.00	798	23	0.003	0.08	0.023	1.0	538667	SMI10000304
K-10-155	291.00	293.00	294	4	0.000	0.03	0.004	0.3	538668	SMI10000304
K-10-155	293.00	295.00	161	3	0.000	0.02	0.003	0.2	538669	SMI10000304
K-10-155	295.00	297.00	160	9	0.000	0.02	0.009	0.2	538670	SMI10000304
K-10-155	297.00	299.00	193	6	0.001	0.02	0.006	0.2	538671	SMI10000304
K-10-155	299.00	301.00	354	43	0.000	0.04	0.043	0.3	538672	SMI10000304
K-10-155	301.00	303.00	173	3	0.000	0.02	0.003	0.2	538673	SMI10000304
K-10-155	303.00	305.00	202	3	0.000	0.02	0.003	0.2	538674	SMI10000304
K-10-155	305.00	307.00	150	2	0.001	0.02	0.002	0.2	538676	SMI10000304
K-10-155	307.00	309.00	358	3	0.002	0.04	0.003	0.4	538677	SMI10000304
K-10-155	309.00	311.00	410	5	0.001	0.04	0.005	0.3	538678	SMI10000304
K-10-155	311.00	313.00	187	2	0.000	0.02	0.002	0.2	538679	SMI10000304
K-10-155	313.00	315.00	1147	20	0.003	0.11	0.020	0.7	538680	SMI10000304
K-10-155	315.00	317.00	346	5	0.001	0.03	0.005	0.2	538681	SMI10000304
K-10-155	317.00	319.00	1283	14	0.002	0.13	0.014	0.9	538682	SMI10000304
K-10-155	319.00	321.00	552	5	0.003	0.06	0.005	0.4	538683	SMI10000304
K-10-155	321.00	323.00	831	22	0.001	0.08	0.022	1.3	538684	SMI10000304
K-10-155	323.00	325.00	675	17	0.004	0.07	0.017	0.3	538685	SMI10000304
K-10-155	325.00	327.00	425	13	0.001	0.04	0.013	0.6	538686	SMI10000304
K-10-155	327.00	329.00	532	14	0.003	0.05	0.014	0.3	538687	SMI10000304
K-10-155	329.00	331.00	848	27	0.003	0.08	0.027	0.5	538688	SMI10000304
K-10-155	331.00	333.00	1177	20	0.003	0.12	0.020	0.8	538689	SMI10000304
K-10-155	333.00	335.00	652	8	0.007	0.07	0.008	0.6	538691	SMI10000304
K-10-155	335.00	337.72	649	9	0.004	0.06	0.009	0.4	538692	SMI10000304
K-10-156	21.34	23.87	495	14	0.001	0.05	0.014	0.7	536737	SMI10000322
K-10-156	23.87	25.00	152	9	0.000	0.02	0.009	0.3	536738	SMI10000322
K-10-156	25.00	27.00	773	27	0.001	0.08	0.027	0.9	536739	SMI10000322
K-10-156	27.00	29.00	1169	54	0.002	0.12	0.054	1.4	536741	SMI10000322
K-10-156	29.00	31.00	994	14	0.003	0.10	0.014	1.1	536742	SMI10000322
K-10-156	31.00	33.00	1213	21	0.001	0.12	0.021	1.3	536743	SMI10000322
K-10-156	33.00	35.00	1991	146	0.002	0.20	0.146	2.0	536744	SMI10000322
K-10-156	35.00	36.60	2330	354	0.007	0.23	0.354	2.5	536745	SMI10000322
K-10-156	36.60	38.00	1272	132	0.001	0.13	0.132	1.2	536746	SMI10000322
K-10-156	38.00	40.00	1199	111	0.001	0.12	0.111	1.1	536747	SMI10000322
K-10-156	40.00	41.16	1172	54	0.001	0.12	0.054	1.1	536748	SMI10000322
K-10-156	41.16	43.00	236	6	0.003	0.02	0.006	0.3	536749	SMI10000322
K-10-156	43.00	45.00	516	9	0.002	0.05	0.009	0.7	536750	SMI10000322
K-10-156	45.00	47.00	774	13	0.002	0.08	0.013	0.8	536751	SMI10000322
K-10-156	47.00	49.00	655	15	0.000	0.07	0.015	0.6	536752	SMI10000322
K-10-156	49.00	51.00	220	5	0.000	0.02	0.005	0.2	536753	SMI10000322
K-10-156	51.00	53.00	1403	26	0.003	0.14	0.026	1.3	536754	SMI10000322
K-10-156	53.00	55.00	837	17	0.013	0.08	0.017	0.8	536756	SMI10000322
K-10-156	55.00	57.00	2120	258	0.041	0.21	0.258	1.8	536757	SMI10000322
K-10-156	57.00	59.00	1361	75	0.002	0.14	0.075	1.3	536758	SMI10000322
K-10-156	59.00	61.00	1562	21	0.003	0.16	0.021	1.4	536759	SMI10000322
K-10-156	61.00	63.00	2250	30	0.006	0.23	0.030	2.1	536760	SMI10000322
K-10-156	63.00	65.00	1448	53	0.001	0.14	0.053	1.5	536761	SMI10000322
K-10-156	65.00	67.00	1849	62	0.003	0.18	0.062	1.8	536762	SMI10000322
K-10-156	67.00	69.00	946	31	0.010	0.09	0.031	0.9	536763	SMI10000322
K-10-156	69.00	71.00	1608	54	0.004	0.16	0.054	1.6	536764	SMI10000322
K-10-156	71.00	73.00	789	27	0.002	0.08	0.027	0.9	536765	SMI10000322
K-10-156	73.00	75.00	1865	30	0.005	0.19	0.030	2.0	536766	SMI10000322
K-10-156	75.00	77.00	3140	47	0.007	0.31	0.047	2.6	536767	SMI10000322
K-10-156	77.00	79.00	2460	37	0.002	0.25	0.037	1.9	536768	SMI10000322
K-10-156	79.00	81.00	2180	28	0.003	0.22	0.028	1.8	536769	SMI10000322
K-10-156	81.00	83.00	1840	26	0.001	0.18	0.026	1.7	536771	SMI10000322
K-10-156	83.00	85.00	2230	26	0.002	0.22	0.026	1.9	536772	SMI10000322
K-10-156	85.00	87.00	814	11	0.010	0.08	0.011	0.7	536773	SMI10000322
K-10-156	87.00	89.00	805	11	0.002	0.08	0.011	0.8	536774	SMI10000322
K-10-156	89.00	91.00	1040	14	0.001	0.10	0.014	0.8	536775	SMI10000322
K-10-156	91.00	93.00	1036	18	0.001	0.10	0.018	1.0	536776	SMI10000322
K-10-156	93.00	95.00	1243	21	0.003	0.12	0.021	1.0	536777	SMI10000322

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-156	95.00	97.00	1449	15	0.005	0.14	0.015	1.1	536778	SMI10000322
K-10-156	97.00	99.00	1301	18	0.007	0.13	0.018	1.0	536779	SMI10000322
K-10-156	99.00	101.00	1559	170	0.002	0.16	0.170	1.1	536780	SMI10000322
K-10-156	101.00	103.00	1288	32	0.001	0.13	0.032	1.0	536781	SMI10000322
K-10-156	103.00	105.00	1546	65	0.001	0.15	0.065	1.3	536782	SMI10000322
K-10-156	105.00	106.80	2200	63	0.001	0.22	0.063	1.9	536783	SMI10000322
K-10-156	106.80	108.97	1681	16	0.002	0.17	0.016	1.7	536784	SMI10000322
K-10-156	108.97	111.00	1588	22	0.005	0.16	0.022	1.5	536786	SMI10000322
K-10-156	111.00	113.00	1396	326	0.001	0.14	0.326	1.3	536787	SMI10000322
K-10-156	113.00	115.90	2530	172	0.002	0.25	0.172	2.1	536788	SMI10000322
K-10-156	115.90	118.00	224	9	0.000	0.02	0.009	0.3	536789	SMI10000322
K-10-156	118.00	119.70	527	22	0.000	0.05	0.022	0.7	536790	SMI10000322
K-10-156	119.70	122.00	2540	404	0.001	0.25	0.404	2.2	536791	SMI10000322
K-10-156	122.00	124.00	1061	67	0.000	0.11	0.067	1.0	536792	SMI10000322
K-10-156	124.00	126.00	1247	94	0.001	0.12	0.094	1.1	536793	SMI10000322
K-10-156	126.00	127.40	2560	124	0.002	0.26	0.124	2.1	536794	SMI10000322
K-10-156	127.40	128.10	257	5	0.001	0.03	0.005	0.2	536795	SMI10000322
K-10-156	128.10	130.00	1782	79	0.004	0.18	0.079	1.6	536796	SMI10000322
K-10-156	130.00	132.00	2510	55	0.008	0.25	0.055	2.4	536797	SMI10000322
K-10-156	132.00	134.00	1823	85	0.004	0.18	0.085	1.6	536798	SMI10000322
K-10-156	134.00	135.20	572	6	0.015	0.06	0.006	0.5	536799	SMI10000322
K-10-156	135.20	137.00	1265	49	0.006	0.13	0.049	1.6	536801	SMI10000322
K-10-156	137.00	139.00	2700	38	0.010	0.27	0.038	2.9	536802	SMI10000322
K-10-156	139.00	140.00	102	9	0.000	0.01	0.009	0.2	536803	SMI10000322
K-10-156	140.00	142.00	2500	32	0.003	0.25	0.032	2.6	536804	SMI10000322
K-10-156	142.00	144.80	2100	51	0.011	0.21	0.051	1.8	536805	SMI10000322
K-10-156	144.80	146.00	76	6	0.000	0.01	0.006	0.1	536806	SMI10000322
K-10-156	146.00	147.80	116	7	0.000	0.01	0.007	0.4	536807	SMI10000322
K-10-156	147.80	150.00	1301	27	0.002	0.13	0.027	1.2	536808	SMI10000322
K-10-156	150.00	152.00	2320	37	0.002	0.23	0.037	2.3	536809	SMI10000322
K-10-156	152.00	154.00	2900	65	0.005	0.29	0.065	2.9	536810	SMI10000322
K-10-156	154.00	156.00	127	5	0.000	0.01	0.005	0.1	536811	SMI10000322
K-10-156	156.00	158.00	165	5	0.000	0.02	0.005	0.4	536812	SMI10000322
K-10-156	158.00	159.20	248	12	0.000	0.02	0.012	0.3	536813	SMI10000322
K-10-156	159.20	161.00	15	1	0.009	0.00	0.001	0.0	536814	SMI10000322
K-10-156	161.00	163.00	12	2	0.008	0.00	0.002	0.0	536816	SMI10000322
K-10-156	163.00	165.00	61	5	0.007	0.01	0.005	0.0	536817	SMI10000322
K-10-156	165.00	167.00	58	3	0.005	0.01	0.003	0.0	536818	SMI10000322
K-10-156	167.00	169.00	93	4	0.002	0.01	0.004	0.2	536819	SMI10000322
K-10-156	169.00	171.00	65	3	0.005	0.01	0.003	0.0	536820	SMI10000322
K-10-156	171.00	173.00	50	3	0.004	0.01	0.003	0.0	536821	SMI10000322
K-10-156	173.00	175.00	43	2	0.007	0.00	0.002	0.0	536822	SMI10000322
K-10-156	175.00	177.00	46	3	0.010	0.00	0.003	0.0	536823	SMI10000322
K-10-156	177.00	179.00	125	3	0.003	0.01	0.003	0.2	536824	SMI10000322
K-10-156	179.00	180.50	104	2	0.001	0.01	0.002	0.1	536825	SMI10000322
K-10-156	180.50	182.00	302	7	0.005	0.03	0.007	0.3	536826	SMI10000322
K-10-156	182.00	184.00	250	4	0.014	0.03	0.004	0.2	536827	SMI10000322
K-10-156	184.00	186.00	459	9	0.004	0.05	0.009	0.5	536828	SMI10000322
K-10-156	186.00	188.00	299	7	0.003	0.03	0.007	0.4	536829	SMI10000322
K-10-156	188.00	190.00	98	2	0.002	0.01	0.002	0.1	536831	SMI10000322
K-10-156	190.00	192.00	171	3	0.002	0.02	0.003	0.3	536832	SMI10000322
K-10-156	192.00	194.00	156	4	0.006	0.02	0.004	0.3	536833	SMI10000322
K-10-156	194.00	196.00	63	2	0.002	0.01	0.002	0.1	536834	SMI10000322
K-10-156	196.00	196.85	308	4	0.001	0.03	0.004	0.4	536835	SMI10000322
K-10-156	196.85	199.00	990	19	0.002	0.10	0.019	1.0	536836	SMI10000322
K-10-156	199.00	201.00	464	10	0.007	0.05	0.010	0.5	536837	SMI10000322
K-10-156	201.00	203.00	394	9	0.002	0.04	0.009	0.4	536838	SMI10000322
K-10-156	203.00	205.00	289	5	0.002	0.03	0.005	0.3	536839	SMI10000322
K-10-156	205.00	207.00	188	33	0.001	0.02	0.033	0.3	536840	SMI10000322
K-10-156	207.00	209.00	149	12	0.002	0.01	0.012	0.2	536841	SMI10000322
K-10-156	209.00	211.00	171	13	0.010	0.02	0.013	0.2	536842	SMI10000322
K-10-156	211.00	213.00	297	8	0.003	0.03	0.008	0.3	536843	SMI10000322
K-10-156	213.00	215.00	299	11	0.015	0.03	0.011	0.4	536844	SMI10000322
K-10-156	215.00	217.00	233	8	0.014	0.02	0.008	0.4	536846	SMI10000322

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-156	217.00	219.00	325	15	0.017	0.03	0.015	0.5	536847	SMI10000322
K-10-156	219.00	221.00	204	6	0.005	0.02	0.006	0.4	536848	SMI10000322
K-10-156	221.00	223.00	116	4	0.005	0.01	0.004	0.2	536849	SMI10000322
K-10-156	223.00	225.00	147	4	0.005	0.01	0.004	0.2	536850	SMI10000322
K-10-156	225.00	227.68	276	3	0.002	0.03	0.003	0.2	536851	SMI10000322
K-10-156	227.68	230.00	84	2	0.002	0.01	0.002	0.1	536852	SMI10000322
K-10-156	230.00	232.00	302	4	0.003	0.03	0.004	0.4	536853	SMI10000322
K-10-156	232.00	234.00	137	2	0.016	0.01	0.002	0.1	536854	SMI10000322
K-10-156	234.00	236.00	305	3	0.005	0.03	0.003	0.2	536855	SMI10000322
K-10-156	236.00	238.00	103	0	0.015	0.01	0.000	0.2	536856	SMI10000322
K-10-156	238.00	240.00	167	5	0.007	0.02	0.005	0.8	536857	SMI10000322
K-10-156	240.00	242.00	335	12	0.003	0.03	0.012	0.4	536858	SMI10000322
K-10-156	242.00	244.00	972	29	0.033	0.10	0.029	1.0	536859	SMI10000322
K-10-156	244.00	246.00	46	5	0.004	0.00	0.005	0.1	536861	SMI10000322
K-10-156	246.00	248.00	43	2	0.004	0.00	0.002	0.1	536862	SMI10000322
K-10-156	248.00	250.00	76	2	0.002	0.01	0.002	0.1	536863	SMI10000322
K-10-156	250.00	252.00	38	1	0.003	0.00	0.001	0.1	536864	SMI10000322
K-10-156	252.00	254.00	104	1	0.006	0.01	0.001	0.2	536865	SMI10000322
K-10-156	254.00	255.90	94	2	0.009	0.01	0.002	0.2	536866	SMI10000322
K-10-156	255.90	258.00	1301	9	0.001	0.13	0.009	1.5	536867	SMI10000322
K-10-156	258.00	259.30	311	4	0.003	0.03	0.004	0.6	536868	SMI10000322
K-10-156	259.30	261.00	80	0	0.000	0.01	0.000	0.1	536869	SMI10000322
K-10-156	261.00	263.00	72	1	0.000	0.01	0.001	0.0	536870	SMI10000322
K-10-156	263.00	265.00	53	1	0.000	0.01	0.001	0.0	536871	SMI10000322
K-10-156	265.00	267.00	182	3	0.010	0.02	0.003	0.2	536872	SMI10000322
K-10-156	267.00	269.00	257	8	0.044	0.03	0.008	0.3	536873	SMI10000322
K-10-156	269.00	271.00	147	1	0.001	0.01	0.001	0.1	536874	SMI10000322
K-10-156	271.00	273.00	828	14	0.002	0.08	0.014	0.9	536876	SMI10000322
K-10-156	273.00	275.00	599	13	0.004	0.06	0.013	0.7	536877	SMI10000322
K-10-156	275.00	277.00	333	8	0.005	0.03	0.008	0.3	536878	SMI10000322
K-10-156	277.00	279.00	397	6	0.005	0.04	0.006	0.4	536879	SMI10000322
K-10-156	279.00	281.00	587	10	0.007	0.06	0.010	0.6	536880	SMI10000322
K-10-156	281.00	283.00	441	17	0.000	0.04	0.017	0.5	536881	SMI10000322
K-10-156	283.00	285.00	1104	48	0.004	0.11	0.048	1.1	536882	SMI10000322
K-10-156	285.00	287.60	126	44	0.001	0.01	0.044	0.2	536883	SMI10000322
K-10-156	287.60	290.00	344	27	0.002	0.03	0.027	0.4	536884	SMI10000322
K-10-156	290.00	291.69	130	10	0.050	0.01	0.010	0.2	536885	SMI10000322
K-10-157	40.23	42.40	33	12	0.001	0.00	0.012	0.0	538693	SMI10000322
K-10-157	42.40	44.40	23	2	0.000	0.00	0.002	0.0	538694	SMI10000323
K-10-157	44.40	46.40	54	1	0.000	0.01	0.001	0.0	538695	SMI10000323
K-10-157	46.40	48.25	245	10	0.001	0.02	0.010	0.0	538696	SMI10000323
K-10-157	48.25	50.50	25	11	0.000	0.00	0.011	0.0	538697	SMI10000323
K-10-157	50.50	52.50	35	8	0.005	0.00	0.008	0.2	538698	SMI10000323
K-10-157	52.50	54.75	264	23	0.003	0.03	0.023	0.3	538699	SMI10000323
K-10-157	54.75	57.00	177	5	0.000	0.02	0.005	0.0	538700	SMI10000323
K-10-157	57.00	59.00	276	8	0.003	0.03	0.008	0.1	538701	SMI10000323
K-10-157	59.00	61.00	1503	61	0.001	0.15	0.061	0.5	538702	SMI10000323
K-10-157	61.00	63.00	453	20	0.000	0.05	0.020	0.2	538703	SMI10000323
K-10-157	63.00	65.00	138	7	0.000	0.01	0.007	0.0	538704	SMI10000323
K-10-157	65.00	67.00	34	2	0.000	0.00	0.002	0.0	538706	SMI10000323
K-10-157	67.00	69.00	45	2	0.000	0.00	0.002	0.0	538707	SMI10000323
K-10-157	69.00	71.00	42	0	0.000	0.00	0.000	0.0	538708	SMI10000323
K-10-157	71.00	73.00	46	1	0.001	0.00	0.001	0.0	538709	SMI10000323
K-10-157	73.00	75.00	49	2	0.001	0.00	0.002	0.0	538710	SMI10000323
K-10-157	75.00	77.00	139	4	0.001	0.01	0.004	0.0	538711	SMI10000323
K-10-157	77.00	79.00	142	4	0.001	0.01	0.004	0.0	538712	SMI10000323
K-10-157	79.00	81.00	45	1	0.001	0.00	0.001	0.0	538713	SMI10000323
K-10-157	81.00	83.00	67	2	0.000	0.01	0.002	0.0	538714	SMI10000323
K-10-157	83.00	85.00	184	11	0.000	0.02	0.011	0.0	538715	SMI10000323
K-10-157	85.00	87.00	304	17	0.000	0.03	0.017	0.1	538716	SMI10000323
K-10-157	87.00	89.00	557	33	0.001	0.06	0.033	0.2	538717	SMI10000323
K-10-157	89.00	91.00	79	3	0.000	0.01	0.003	0.0	538718	SMI10000323
K-10-157	91.00	93.00	80	3	0.001	0.01	0.003	0.0	538719	SMI10000323
K-10-157	93.00	95.00	133	5	0.000	0.01	0.005	0.0	538721	SMI10000323

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-157	95.00	96.81	62	2	0.000	0.01	0.002	0.0	538722	SMI10000323
K-10-157	96.81	98.35	115	13	0.000	0.01	0.013	0.0	538723	SMI10000323
K-10-157	98.35	100.35	207	9	0.000	0.02	0.009	0.0	538724	SMI10000323
K-10-157	100.35	102.35	65	2	0.000	0.01	0.002	0.0	538725	SMI10000323
K-10-157	102.35	104.93	217	8	0.000	0.02	0.008	0.0	538726	SMI10000323
K-10-157	104.93	106.93	512	17	0.001	0.05	0.017	0.1	538727	SMI10000323
K-10-157	106.93	109.00	821	21	0.001	0.08	0.021	0.3	538728	SMI10000323
K-10-157	109.00	111.30	282	10	0.000	0.03	0.010	0.1	538729	SMI10000323
K-10-157	111.30	113.83	307	20	0.001	0.03	0.020	0.2	538730	SMI10000323
K-10-157	113.83	116.00	1742	32	0.002	0.17	0.032	1.2	538731	SMI10000323
K-10-157	116.00	118.00	2350	74	0.002	0.24	0.074	1.5	538732	SMI10000323
K-10-157	118.00	120.00	1220	30	0.013	0.12	0.030	1.0	538733	SMI10000323
K-10-157	120.00	122.00	2590	68	0.004	0.26	0.068	1.6	538734	SMI10000323
K-10-157	122.00	124.00	3070	108	0.003	0.31	0.108	1.7	538736	SMI10000323
K-10-157	124.00	126.00	2160	96	0.004	0.22	0.096	1.2	538737	SMI10000323
K-10-157	126.00	128.00	2680	61	0.001	0.27	0.061	1.3	538738	SMI10000323
K-10-157	128.00	130.00	2750	90	0.004	0.28	0.090	1.5	538739	SMI10000323
K-10-157	130.00	132.00	2550	82	0.002	0.26	0.082	1.4	538740	SMI10000323
K-10-157	132.00	134.00	3720	66	0.005	0.37	0.066	2.2	538741	SMI10000323
K-10-157	134.00	135.45	3020	99	0.004	0.30	0.099	1.9	538742	SMI10000323
K-10-157	135.45	137.00	513	10	0.001	0.05	0.010	0.4	538743	SMI10000323
K-10-157	137.00	139.00	1360	25	0.001	0.14	0.025	1.1	538744	SMI10000323
K-10-157	139.00	141.00	1005	18	0.002	0.10	0.018	0.6	538745	SMI10000323
K-10-157	141.00	143.00	1821	26	0.002	0.18	0.026	1.1	538746	SMI10000323
K-10-157	143.00	145.00	2780	109	0.032	0.28	0.109	1.5	538747	SMI10000323
K-10-157	145.00	147.00	1484	53	0.003	0.15	0.053	0.8	538748	SMI10000323
K-10-157	147.00	149.00	2070	70	0.005	0.21	0.070	1.1	538749	SMI10000323
K-10-157	149.00	151.00	2100	53	0.002	0.21	0.053	1.2	538751	SMI10000323
K-10-157	151.00	153.00	1388	44	0.007	0.14	0.044	0.8	538752	SMI10000323
K-10-157	153.00	155.00	973	56	0.002	0.10	0.056	0.6	538753	SMI10000323
K-10-157	155.00	157.50	2360	55	0.003	0.24	0.055	1.5	538754	SMI10000323
K-10-157	157.50	159.85	1614	40	0.004	0.16	0.040	1.0	538755	SMI10000323
K-10-157	159.85	161.85	1187	46	0.017	0.12	0.046	0.7	538756	SMI10000323
K-10-157	161.85	164.00	1203	36	0.003	0.12	0.036	0.8	538757	SMI10000323
K-10-157	164.00	166.00	1724	47	0.006	0.17	0.047	1.1	538758	SMI10000323
K-10-157	166.00	168.00	1775	58	0.009	0.18	0.058	0.8	538759	SMI10000323
K-10-157	168.00	169.53	1307	63	0.004	0.13	0.063	0.7	538760	SMI10000323
K-10-157	169.53	171.53	1479	64	0.006	0.15	0.064	0.8	538761	SMI10000323
K-10-157	171.53	174.00	869	33	0.012	0.09	0.033	0.5	538762	SMI10000323
K-10-157	174.00	176.00	906	25	0.004	0.09	0.025	0.5	538763	SMI10000323
K-10-157	176.00	178.00	1005	31	0.001	0.10	0.031	0.7	538764	SMI10000323
K-10-157	178.00	180.00	839	25	0.012	0.08	0.025	0.7	538766	SMI10000323
K-10-157	180.00	182.00	844	16	0.043	0.08	0.016	1.0	538767	SMI10000323
K-10-157	182.00	184.00	2770	56	0.004	0.28	0.056	1.9	538768	SMI10000323
K-10-157	184.00	186.00	1827	49	0.022	0.18	0.049	1.2	538769	SMI10000323
K-10-157	186.00	188.00	2280	67	0.001	0.23	0.067	1.4	538770	SMI10000323
K-10-157	188.00	190.00	1033	25	0.004	0.10	0.025	0.7	538771	SMI10000323
K-10-157	190.00	192.00	729	14	0.004	0.07	0.014	0.6	538772	SMI10000323
K-10-157	192.00	194.27	537	8	0.032	0.05	0.008	0.5	538773	SMI10000323
K-10-157	194.27	196.00	1033	44	0.024	0.10	0.044	1.1	538774	SMI10000323
K-10-157	196.00	198.00	1014	28	0.004	0.10	0.028	0.7	538775	SMI10000323
K-10-157	198.00	200.00	1771	76	0.005	0.18	0.076	1.2	538776	SMI10000323
K-10-157	200.00	202.00	1226	28	0.005	0.12	0.028	1.0	538777	SMI10000323
K-10-157	202.00	204.00	862	30	0.028	0.09	0.030	1.0	538778	SMI10000323
K-10-157	204.00	206.00	482	37	0.019	0.05	0.037	0.4	538779	SMI10000323
K-10-157	206.00	208.00	595	97	0.003	0.06	0.097	0.6	538781	SMI10000323
K-10-157	208.00	210.00	1684	61	0.010	0.17	0.061	2.3	538782	SMI10000323
K-10-157	210.00	212.00	1757	84	0.022	0.18	0.084	1.7	538783	SMI10000323
K-10-157	212.00	214.00	870	35	0.011	0.09	0.035	1.2	538784	SMI10000323
K-10-157	214.00	216.00	3020	54	0.044	0.30	0.054	1.8	538785	SMI10000323
K-10-157	216.00	218.00	537	9	0.022	0.05	0.009	0.6	538786	SMI10000323
K-10-157	218.00	220.00	285	18	0.012	0.03	0.018	0.6	538787	SMI10000323
K-10-157	220.00	222.00	520	11	0.138	0.05	0.011	0.6	538788	SMI10000323
K-10-157	222.00	224.00	1666	30	0.044	0.17	0.030	2.3	538789	SMI10000323

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-157	224.00	226.00	1772	17	0.009	0.18	0.017	1.5	538790	SMI10000323
K-10-157	226.00	228.00	1477	13	0.008	0.15	0.013	1.0	538791	SMI10000323
K-10-157	228.00	229.50	1309	17	0.006	0.13	0.017	1.3	538792	SMI10000323
K-10-157	229.50	232.00	672	10	0.002	0.07	0.010	0.6	538793	SMI10000323
K-10-157	232.00	234.00	388	6	0.003	0.04	0.006	0.4	538794	SMI10000323
K-10-157	234.00	236.00	758	11	0.028	0.08	0.011	0.6	538796	SMI10000323
K-10-157	236.00	238.00	805	13	0.005	0.08	0.013	0.8	538797	SMI10000323
K-10-157	238.00	240.18	905	14	0.003	0.09	0.014	1.1	538798	SMI10000323
K-10-157	240.18	242.00	622	6	0.005	0.06	0.006	0.9	538799	SMI10000323
K-10-157	242.00	244.00	687	9	0.003	0.07	0.009	0.7	538800	SMI10000323
K-10-157	244.00	246.00	1425	10	0.006	0.14	0.010	1.2	538801	SMI10000323
K-10-157	246.00	248.00	3220	19	0.019	0.32	0.019	2.8	538802	SMI10000323
K-10-157	248.00	250.00	683	9	0.001	0.07	0.009	0.7	538803	SMI10000323
K-10-157	250.00	252.00	786	5	0.010	0.08	0.005	1.2	538804	SMI10000323
K-10-157	252.00	254.00	679	12	0.011	0.07	0.012	0.5	538805	SMI10000323
K-10-157	254.00	256.00	777	8	0.005	0.08	0.008	0.7	538806	SMI10000323
K-10-157	256.00	258.00	712	10	0.013	0.07	0.010	1.2	538807	SMI10000323
K-10-157	258.00	260.00	3580	10	0.012	0.36	0.010	2.7	538808	SMI10000323
K-10-157	260.00	262.00	1584	8	0.013	0.16	0.008	1.4	538809	SMI10000323
K-10-157	262.00	264.00	304	3	0.015	0.03	0.003	0.5	538811	SMI10000323
K-10-157	264.00	266.00	872	5	0.035	0.09	0.005	0.9	538812	SMI10000323
K-10-157	266.00	268.00	319	3	0.033	0.03	0.003	0.4	538813	SMI10000323
K-10-157	268.00	270.00	281	2	0.002	0.03	0.002	0.3	538814	SMI10000323
K-10-157	270.00	272.00	359	3	0.008	0.04	0.003	0.3	538815	SMI10000323
K-10-157	272.00	274.00	1392	30	0.011	0.14	0.030	1.2	538816	SMI10000323
K-10-157	274.00	276.00	1943	31	0.008	0.19	0.031	2.2	538817	SMI10000323
K-10-157	276.00	277.00	3950	54	0.008	0.40	0.054	4.1	538818	SMI10000323
K-10-157	277.00	279.00	305	12	0.001	0.03	0.012	0.2	538819	SMI10000323
K-10-157	279.00	281.00	365	6	0.004	0.04	0.006	0.4	538820	SMI10000323
K-10-157	281.00	283.00	346	6	0.001	0.03	0.006	0.4	538821	SMI10000323
K-10-157	283.00	284.43	182	4	0.001	0.02	0.004	0.2	538822	SMI10000323
K-10-157	284.43	287.00	889	69	0.004	0.09	0.069	0.6	538823	SMI10000323
K-10-157	287.00	289.00	417	5	0.002	0.04	0.005	0.3	538824	SMI10000323
K-10-157	289.00	291.00	195	3	0.002	0.02	0.003	0.2	538826	SMI10000323
K-10-157	291.00	293.30	293	5	0.004	0.03	0.005	0.3	538827	SMI10000323
K-10-157	293.30	295.00	205	4	0.007	0.02	0.004	0.1	538828	SMI10000323
K-10-157	295.00	297.00	173	2	0.002	0.02	0.002	0.1	538829	SMI10000323
K-10-157	297.00	299.00	201	6	0.000	0.02	0.006	0.1	538830	SMI10000323
K-10-157	299.00	301.00	135	1	0.001	0.01	0.001	0.0	538831	SMI10000323
K-10-157	301.00	303.70	264	1	0.002	0.03	0.001	0.2	538832	SMI10000323
K-10-157	303.70	306.00	260	4	0.001	0.03	0.004	0.2	538833	SMI10000323
K-10-157	306.00	308.00	331	6	0.002	0.03	0.006	0.5	538834	SMI10000323
K-10-157	308.00	310.00	170	3	0.001	0.02	0.003	0.1	538835	SMI10000323
K-10-157	310.00	312.00	193	3	0.005	0.02	0.003	0.1	538836	SMI10000323
K-10-157	312.00	314.00	191	4	0.001	0.02	0.004	0.1	538837	SMI10000323
K-10-157	314.00	316.00	159	4	0.000	0.02	0.004	0.1	538838	SMI10000323
K-10-157	316.00	318.00	141	4	0.000	0.01	0.004	0.1	538839	SMI10000323
K-10-157	318.00	319.43	216	6	0.000	0.02	0.006	0.2	538841	SMI10000323
K-10-158	45.72	46.80	1711	19	0.004	0.17	0.019	1.6	536886	SMI10000324
K-10-158	46.80	48.20	11690	65	0.079	1.17	0.065	7.6	536887	SMI10000324
K-10-158	48.20	48.95	1454	14	0.003	0.15	0.014	1.2	536888	SMI10000324
K-10-158	48.95	50.50	4920	61	0.005	0.49	0.061	4.4	536889	SMI10000324
K-10-158	50.50	52.50	371	5	0.000	0.04	0.005	0.3	536891	SMI10000324
K-10-158	52.50	54.30	267	6	0.000	0.03	0.006	0.2	536892	SMI10000324
K-10-158	54.30	56.00	1702	27	0.015	0.17	0.027	1.2	536893	SMI10000324
K-10-158	56.00	57.20	1929	11	0.000	0.19	0.011	1.2	536894	SMI10000324
K-10-158	57.20	59.00	3390	26	0.001	0.34	0.026	1.9	536895	SMI10000324
K-10-158	59.00	61.00	1276	5	0.003	0.13	0.005	0.7	536896	SMI10000324
K-10-158	61.00	63.00	555	4	0.001	0.06	0.004	0.4	536897	SMI10000324
K-10-158	63.00	65.00	1579	10	0.002	0.16	0.010	1.1	536898	SMI10000324
K-10-158	65.00	67.00	576	1	0.002	0.06	0.001	0.3	536899	SMI10000324
K-10-158	67.00	69.00	192	2	0.002	0.02	0.002	0.2	536900	SMI10000324
K-10-158	69.00	71.00	170	2	0.001	0.02	0.002	0.1	536901	SMI10000324
K-10-158	71.00	73.00	38	0	0.000	0.00	0.000	0.0	536902	SMI10000324

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-158	73.00	75.00	24	0	0.000	0.00	0.000	0.0	536903	SMI10000324
K-10-158	75.00	77.00	150	0	0.000	0.01	0.000	0.1	536904	SMI10000324
K-10-158	77.00	79.00	32	1	0.000	0.00	0.001	0.0	536906	SMI10000324
K-10-158	79.00	81.00	52	1	0.000	0.01	0.001	0.0	536907	SMI10000324
K-10-158	81.00	83.00	401	4	0.002	0.04	0.004	0.4	536908	SMI10000324
K-10-158	83.00	84.42	1573	8	0.001	0.16	0.008	1.1	536909	SMI10000324
K-10-159	19.31	21.00	198	11	0.004	0.02	0.011	0.4	538842	SMI10000343
K-10-159	21.00	23.00	127	8	0.001	0.01	0.008	0.5	538843	SMI10000343
K-10-159	23.00	25.00	82	4	0.001	0.01	0.004	0.3	538844	SMI10000343
K-10-159	25.00	26.64	96	2	0.000	0.01	0.002	0.3	538845	SMI10000343
K-10-159	26.64	29.00	97	3	0.000	0.01	0.003	0.4	538846	SMI10000343
K-10-159	29.00	31.00	103	3	0.000	0.01	0.003	0.2	538847	SMI10000343
K-10-159	31.00	33.00	116	5	0.000	0.01	0.005	0.5	538848	SMI10000343
K-10-159	33.00	35.00	104	2	0.000	0.01	0.002	0.7	538849	SMI10000343
K-10-159	35.00	37.00	137	4	0.000	0.01	0.004	2.8	538850	SMI10000343
K-10-159	37.00	39.00	303	17	0.001	0.03	0.017	0.4	538851	SMI10000343
K-10-159	39.00	41.00	289	12	0.001	0.03	0.012	0.4	538852	SMI10000343
K-10-159	41.00	43.00	730	27	0.003	0.07	0.027	1.0	538853	SMI10000343
K-10-159	43.00	45.00	174	8	0.002	0.02	0.008	0.3	538854	SMI10000343
K-10-159	45.00	47.00	244	22	0.000	0.02	0.022	0.3	538856	SMI10000343
K-10-159	47.00	49.00	509	14	0.000	0.05	0.014	0.8	538857	SMI10000343
K-10-159	49.00	51.00	77	4	0.000	0.01	0.004	0.1	538858	SMI10000343
K-10-159	51.00	53.00	180	10	0.001	0.02	0.010	0.5	538859	SMI10000343
K-10-159	53.00	54.60	307	8	0.001	0.03	0.008	0.4	538860	SMI10000343
K-10-159	54.60	56.00	163	7	0.001	0.02	0.007	0.5	538861	SMI10000343
K-10-159	56.00	57.50	761	23	0.001	0.08	0.023	0.7	538862	SMI10000343
K-10-159	57.50	60.00	463	19	0.001	0.05	0.019	0.4	538863	SMI10000343
K-10-159	60.00	62.00	501	19	0.001	0.05	0.019	0.4	538864	SMI10000343
K-10-159	62.00	64.00	1113	38	0.003	0.11	0.038	1.1	538865	SMI10000343
K-10-159	64.00	66.00	964	30	0.002	0.10	0.030	0.9	538866	SMI10000343
K-10-159	66.00	68.00	474	21	0.001	0.05	0.021	0.5	538867	SMI10000343
K-10-159	68.00	70.00	389	25	0.002	0.04	0.025	0.4	538868	SMI10000343
K-10-159	70.00	72.00	231	19	0.003	0.02	0.019	0.4	538869	SMI10000343
K-10-159	72.00	74.00	423	16	0.001	0.04	0.016	0.5	538871	SMI10000343
K-10-159	74.00	76.00	720	38	0.000	0.07	0.038	1.0	538872	SMI10000343
K-10-159	76.00	78.00	829	49	0.001	0.08	0.049	0.8	538873	SMI10000343
K-10-159	78.00	80.42	647	24	0.001	0.06	0.024	0.7	538874	SMI10000343
K-10-159	80.42	83.00	555	36	0.005	0.06	0.036	0.6	538875	SMI10000343
K-10-159	83.00	85.00	520	21	0.002	0.05	0.021	0.7	538876	SMI10000343
K-10-159	85.00	87.00	265	15	0.001	0.03	0.015	0.6	538877	SMI10000343
K-10-159	87.00	89.38	254	21	0.003	0.03	0.021	0.3	538878	SMI10000343
K-10-159	89.38	92.00	371	36	0.001	0.04	0.036	0.5	538879	SMI10000343
K-10-159	92.00	94.00	1089	81	0.001	0.11	0.081	1.3	538880	SMI10000343
K-10-159	94.00	96.00	513	31	0.003	0.05	0.031	0.6	538881	SMI10000343
K-10-159	96.00	98.00	123	9	0.000	0.01	0.009	0.4	538882	SMI10000343
K-10-159	98.00	100.00	94	4	0.000	0.01	0.004	0.1	538883	SMI10000343
K-10-159	100.00	102.00	369	15	0.003	0.04	0.015	0.4	538884	SMI10000343
K-10-159	102.00	104.00	167	3	0.006	0.02	0.003	0.2	538886	SMI10000343
K-10-159	104.00	106.00	118	7	0.007	0.01	0.007	0.6	538887	SMI10000343
K-10-159	106.00	108.00	169	10	0.004	0.02	0.010	0.3	538888	SMI10000343
K-10-159	108.00	110.00	327	9	0.007	0.03	0.009	0.5	538889	SMI10000343
K-10-159	110.00	112.00	480	6	0.006	0.05	0.006	0.7	538890	SMI10000343
K-10-159	112.00	114.00	332	10	0.001	0.03	0.010	0.4	538891	SMI10000343
K-10-159	114.00	116.00	409	10	0.003	0.04	0.010	0.6	538892	SMI10000343
K-10-159	116.00	118.00	329	16	0.001	0.03	0.016	0.4	538893	SMI10000343
K-10-159	118.00	120.00	291	12	0.004	0.03	0.012	0.3	538894	SMI10000343
K-10-159	120.00	122.00	653	22	0.001	0.07	0.022	1.0	538895	SMI10000343
K-10-159	122.00	124.00	699	33	0.002	0.07	0.033	0.9	538896	SMI10000343
K-10-159	124.00	126.00	988	49	0.021	0.10	0.049	0.9	538897	SMI10000343
K-10-159	126.00	128.00	1390	54	0.014	0.14	0.054	1.3	538898	SMI10000343
K-10-159	128.00	130.00	377	9	0.003	0.04	0.009	0.8	538899	SMI10000343
K-10-159	130.00	132.00	1089	38	0.001	0.11	0.038	1.1	538901	SMI10000343
K-10-159	132.00	134.10	1047	69	0.002	0.10	0.069	1.0	538902	SMI10000343
K-10-159	134.10	136.00	1425	39	0.004	0.14	0.039	1.6	538903	SMI10000343

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-159	136.00	138.00	173	5	0.000	0.02	0.005	0.2	538904	SMI10000343
K-10-159	138.00	140.00	817	11	0.003	0.08	0.011	0.7	538905	SMI10000343
K-10-159	140.00	142.00	549	15	0.005	0.05	0.015	0.6	538906	SMI10000343
K-10-159	142.00	144.00	638	18	0.014	0.06	0.018	0.6	538907	SMI10000343
K-10-159	144.00	146.00	648	14	0.005	0.06	0.014	0.7	538908	SMI10000343
K-10-159	146.00	148.00	354	6	0.002	0.04	0.006	0.4	538909	SMI10000343
K-10-159	148.00	150.00	262	6	0.003	0.03	0.006	0.2	538910	SMI10000343
K-10-159	150.00	152.00	603	9	0.002	0.06	0.009	0.8	538911	SMI10000343
K-10-159	152.00	154.00	434	4	0.003	0.04	0.004	2.6	538912	SMI10000343
K-10-159	154.00	156.00	154	2	0.006	0.02	0.002	0.4	538913	SMI10000343
K-10-159	156.00	158.00	522	11	0.002	0.05	0.011	0.4	538914	SMI10000343
K-10-159	158.00	160.00	576	5	0.001	0.06	0.005	0.4	538916	SMI10000343
K-10-159	160.00	162.00	173	1	0.000	0.02	0.001	0.1	538917	SMI10000343
K-10-159	162.00	164.00	303	3	0.006	0.03	0.003	0.4	538918	SMI10000343
K-10-159	164.00	166.00	350	4	0.001	0.04	0.004	0.4	538919	SMI10000343
K-10-159	166.00	168.00	1483	6	0.004	0.15	0.006	1.4	538920	SMI10000343
K-10-159	168.00	170.00	880	11	0.007	0.09	0.011	0.9	538921	SMI10000343
K-10-159	170.00	172.00	330	2	0.001	0.03	0.002	0.3	538922	SMI10000343
K-10-159	172.00	174.00	314	2	0.005	0.03	0.002	0.3	538923	SMI10000343
K-10-159	174.00	176.47	337	3	0.004	0.03	0.003	0.3	538924	SMI10000343
K-10-160	45.72	47.00	906	26	0.010	0.09	0.026	1.1	536910	SMI10000344
K-10-160	47.00	49.00	2610	58	0.011	0.26	0.058	1.9	536911	SMI10000344
K-10-160	49.00	51.00	1442	19	0.006	0.14	0.019	0.8	536912	SMI10000344
K-10-160	51.00	53.00	2210	40	0.045	0.22	0.040	1.3	536913	SMI10000344
K-10-160	53.00	55.80	1947	33	0.016	0.19	0.033	1.6	536914	SMI10000344
K-10-160	55.80	57.60	10760	390	0.112	1.08	0.390	7.9	536915	SMI10000344
K-10-160	57.60	59.00	1380	26	0.016	0.14	0.026	1.3	536916	SMI10000344
K-10-160	59.00	61.00	1503	40	0.025	0.15	0.040	1.3	536917	SMI10000344
K-10-160	61.00	63.00	1089	15	0.038	0.11	0.015	0.9	536918	SMI10000344
K-10-160	63.00	65.00	2910	36	0.024	0.29	0.036	2.1	536919	SMI10000344
K-10-160	65.00	67.00	3540	82	0.093	0.35	0.082	2.2	536921	SMI10000344
K-10-160	67.00	69.00	1128	14	0.019	0.11	0.014	0.7	536922	SMI10000344
K-10-160	69.00	71.00	7180	57	0.035	0.72	0.057	3.5	536923	SMI10000344
K-10-160	71.00	73.00	2800	39	0.007	0.28	0.039	1.5	536924	SMI10000344
K-10-160	73.00	75.00	7590	264	0.057	0.76	0.264	3.6	536925	SMI10000344
K-10-160	75.00	76.70	5790	137	0.028	0.58	0.137	1.9	536926	SMI10000344
K-10-160	76.70	78.00	847	15	0.009	0.08	0.015	0.4	536927	SMI10000344
K-10-160	78.00	79.20	316	6	0.003	0.03	0.006	0.3	536928	SMI10000344
K-10-160	79.20	81.00	976	27	0.010	0.10	0.027	0.6	536929	SMI10000344
K-10-160	81.00	83.00	1568	30	0.007	0.16	0.030	0.9	536930	SMI10000344
K-10-160	83.00	84.70	1705	40	0.011	0.17	0.040	1.1	536931	SMI10000344
K-10-160	84.70	86.00	2130	33	0.008	0.21	0.033	1.5	536932	SMI10000344
K-10-160	86.00	88.00	3760	37	0.005	0.38	0.037	1.9	536933	SMI10000344
K-10-160	88.00	90.70	8830	221	0.107	0.88	0.221	4.1	536934	SMI10000344
K-10-160	90.70	93.00	11600	761	0.021	1.16	0.761	9.8	536936	SMI10000344
K-10-160	93.00	95.00	2580	74	0.017	0.26	0.074	1.4	536937	SMI10000344
K-10-160	95.00	97.90	1604	7	0.028	0.16	0.007	0.8	536938	SMI10000344
K-10-160	97.90	98.75	850	128	0.000	0.08	0.128	1.2	536939	SMI10000344
K-10-160	98.75	101.00	251	1	0.001	0.03	0.001	0.2	536940	SMI10000344
K-10-160	101.00	103.00	623	1	0.001	0.06	0.001	0.4	536941	SMI10000344
K-10-160	103.00	105.00	410	5	0.002	0.04	0.005	0.5	536942	SMI10000344
K-10-160	105.00	107.00	369	6	0.002	0.04	0.006	0.2	536943	SMI10000344
K-10-160	107.00	109.00	1071	3	0.002	0.11	0.003	0.4	536944	SMI10000344
K-10-160	109.00	111.00	177	2	0.000	0.02	0.002	0.0	536945	SMI10000344
K-10-160	111.00	112.20	744	6	0.002	0.07	0.006	0.3	536946	SMI10000344
K-10-160	112.20	114.20	133	4	0.000	0.01	0.004	0.1	536947	SMI10000344
K-10-160	114.20	115.30	100	3	0.001	0.01	0.003	1.2	536948	SMI10000344
K-10-160	115.30	117.00	245	5	0.002	0.02	0.005	0.2	536949	SMI10000344
K-10-160	117.00	119.00	41	3	0.008	0.00	0.003	0.0	536951	SMI10000344
K-10-160	119.00	121.00	387	14	0.002	0.04	0.014	0.4	536952	SMI10000344
K-10-160	121.00	123.00	998	16	0.001	0.10	0.016	1.1	536953	SMI10000344
K-10-160	123.00	125.00	98	2	0.000	0.01	0.002	0.1	536954	SMI10000344
K-10-160	125.00	127.00	339	11	0.005	0.03	0.011	0.4	536955	SMI10000344
K-10-160	127.00	128.50	49	2	0.001	0.00	0.002	0.0	536956	SMI10000344

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-160	128.50	130.00	245	6	0.005	0.02	0.006	0.4	536957	SMI10000344
K-10-160	130.00	132.20	3890	61	0.016	0.39	0.061	5.2	536958	SMI10000344
K-10-160	132.20	133.20	180	14	0.003	0.02	0.014	0.3	536959	SMI10000344
K-10-160	133.20	135.00	760	22	0.007	0.08	0.022	1.2	536960	SMI10000344
K-10-160	135.00	137.00	47	2	0.000	0.00	0.002	0.1	536961	SMI10000344
K-10-160	137.00	139.00	542	7	0.001	0.05	0.007	0.8	536962	SMI10000344
K-10-160	139.00	141.00	91	6	0.000	0.01	0.006	0.1	536963	SMI10000344
K-10-160	141.00	143.00	1656	10	0.003	0.17	0.010	1.3	536964	SMI10000344
K-10-160	143.00	145.38	131	5	0.000	0.01	0.005	0.2	536966	SMI10000344
K-10-160	145.38	147.00	2250	43	0.010	0.23	0.043	2.7	536967	SMI10000344
K-10-160	147.00	149.00	41	2	0.000	0.00	0.002	0.2	536968	SMI10000344
K-10-160	149.00	151.48	117	4	0.001	0.01	0.004	0.3	536969	SMI10000344
K-10-161	43.00	45.00	88	1	0.000	0.01	0.001	0.3	538926	SMI10000345
K-10-161	45.00	47.56	63	1	0.001	0.01	0.001	0.1	538927	SMI10000345
K-10-161	47.56	49.54	35	4	0.000	0.00	0.004	0.0	538928	SMI10000345
K-10-161	49.54	52.00	76	2	0.001	0.01	0.002	0.4	538929	SMI10000345
K-10-161	52.00	54.45	31	2	0.001	0.00	0.002	0.0	538930	SMI10000345
K-10-161	54.45	56.00	313	3	0.001	0.03	0.003	0.3	538931	SMI10000345
K-10-161	56.00	58.00	76	2	0.000	0.01	0.002	0.2	538932	SMI10000345
K-10-161	58.00	59.60	137	2	0.001	0.01	0.002	0.3	538933	SMI10000345
K-10-161	59.60	62.00	213	4	0.003	0.02	0.004	0.2	538934	SMI10000345
K-10-161	62.00	64.00	342	3	0.001	0.03	0.003	0.4	538935	SMI10000345
K-10-161	64.00	65.53	505	7	0.001	0.05	0.007	0.3	538936	SMI10000345
K-10-161	65.53	68.00	2880	28	0.004	0.29	0.028	1.3	538937	SMI10000345
K-10-161	68.00	70.00	1179	14	0.006	0.12	0.014	0.5	538938	SMI10000345
K-10-161	70.00	72.00	2530	21	0.014	0.25	0.021	1.2	538939	SMI10000345
K-10-161	72.00	74.00	1105	11	0.027	0.11	0.011	0.7	538941	SMI10000345
K-10-161	74.00	75.82	1778	13	0.010	0.18	0.013	1.4	538942	SMI10000345
K-10-161	75.82	78.00	132	2	0.001	0.01	0.002	0.0	538943	SMI10000345
K-10-161	78.00	80.54	438	8	0.001	0.04	0.008	0.3	538944	SMI10000345
K-10-161	80.54	82.00	807	7	0.016	0.08	0.007	0.6	538945	SMI10000345
K-10-161	82.00	84.00	436	5	0.006	0.04	0.005	0.3	538946	SMI10000345
K-10-161	84.00	86.00	828	11	0.035	0.08	0.011	0.5	538947	SMI10000345
K-10-161	86.00	88.00	1921	20	0.059	0.19	0.020	1.6	538948	SMI10000345
K-10-161	88.00	90.00	3710	33	0.050	0.37	0.033	1.9	538949	SMI10000345
K-10-161	90.00	92.00	2780	25	0.024	0.28	0.025	1.3	538950	SMI10000345
K-10-161	92.00	94.00	1755	17	0.033	0.18	0.017	0.8	538951	SMI10000345
K-10-161	94.00	96.00	2150	19	0.031	0.22	0.019	0.8	538952	SMI10000345
K-10-161	96.00	98.00	1317	17	0.025	0.13	0.017	1.0	538953	SMI10000345
K-10-161	98.00	100.00	1474	19	0.013	0.15	0.019	1.4	538954	SMI10000345
K-10-161	100.00	102.00	1526	22	0.008	0.15	0.022	0.9	538956	SMI10000345
K-10-161	102.00	104.00	272	7	0.017	0.03	0.007	0.3	538957	SMI10000345
K-10-161	104.00	106.00	2360	31	0.003	0.24	0.031	1.8	538958	SMI10000345
K-10-161	106.00	108.00	431	6	0.006	0.04	0.006	0.5	538959	SMI10000345
K-10-161	108.00	110.00	240	4	0.002	0.02	0.004	0.3	538960	SMI10000345
K-10-161	110.00	112.00	1322	12	0.012	0.13	0.012	1.1	538961	SMI10000345
K-10-161	112.00	114.00	1114	14	0.007	0.11	0.014	1.2	538962	SMI10000345
K-10-161	114.00	116.00	2370	35	0.005	0.24	0.035	2.4	538963	SMI10000345
K-10-161	116.00	118.00	1678	32	0.006	0.17	0.032	1.5	538964	SMI10000345
K-10-161	118.00	120.00	608	10	0.007	0.06	0.010	0.6	538965	SMI10000345
K-10-161	120.00	122.00	744	11	0.002	0.07	0.011	0.5	538966	SMI10000345
K-10-161	122.00	124.00	401	5	0.011	0.04	0.005	0.3	538967	SMI10000345
K-10-161	124.00	126.00	605	4	0.005	0.06	0.004	0.3	538968	SMI10000345
K-10-161	126.00	128.00	798	9	0.006	0.08	0.009	0.5	538969	SMI10000345
K-10-161	128.00	130.00	237	8	0.001	0.02	0.008	0.1	538971	SMI10000345
K-10-161	130.00	132.00	1240	13	0.011	0.12	0.013	0.7	538972	SMI10000345
K-10-161	132.00	134.00	543	10	0.003	0.05	0.010	0.4	538973	SMI10000345
K-10-161	134.00	136.00	276	5	0.004	0.03	0.005	0.2	538974	SMI10000345
K-10-161	136.00	138.00	881	11	0.018	0.09	0.011	0.6	538975	SMI10000345
K-10-161	138.00	140.00	211	4	0.013	0.02	0.004	0.2	538976	SMI10000345
K-10-161	140.00	142.00	61	2	0.002	0.01	0.002	0.0	538977	SMI10000345
K-10-161	142.00	144.00	48	2	0.003	0.00	0.002	0.0	538978	SMI10000345
K-10-161	144.00	146.37	151	3	0.001	0.02	0.003	0.2	538979	SMI10000345
K-10-161	146.37	148.37	770	12	0.001	0.08	0.012	0.4	538980	SMI10000345

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-161	148.37	150.00	210	6	0.002	0.02	0.006	0.1	538981	SMI10000345
K-10-161	150.00	152.00	202	5	0.001	0.02	0.005	0.1	538982	SMI10000345
K-10-161	152.00	154.00	198	5	0.001	0.02	0.005	0.2	538983	SMI10000345
K-10-161	154.00	156.00	459	5	0.001	0.05	0.005	0.3	538984	SMI10000345
K-10-161	156.00	158.00	353	4	0.001	0.04	0.004	0.2	538986	SMI10000345
K-10-161	158.00	160.00	231	4	0.000	0.02	0.004	0.1	538987	SMI10000345
K-10-161	160.00	162.00	539	13	0.001	0.05	0.013	0.3	538988	SMI10000345
K-10-161	162.00	164.00	234	2	0.000	0.02	0.002	0.2	538989	SMI10000345
K-10-161	164.00	166.00	205	3	0.000	0.02	0.003	0.2	538990	SMI10000345
K-10-161	166.00	168.00	272	3	0.000	0.03	0.003	0.2	538991	SMI10000345
K-10-161	168.00	170.00	475	5	0.001	0.05	0.005	0.4	538992	SMI10000345
K-10-161	170.00	172.00	134	3	0.001	0.01	0.003	0.1	538993	SMI10000345
K-10-161	172.00	174.00	188	1	0.001	0.02	0.001	0.2	538994	SMI10000345
K-10-161	174.00	176.47	68	1	0.002	0.01	0.001	0.0	538995	SMI10000345
K-10-162	24.90	26.00	160	7	0.004	0.02	0.007	0.2	536970	SMI10000346
K-10-162	26.00	28.00	52	4	0.002	0.01	0.004	0.0	536971	SMI10000346
K-10-162	28.00	30.00	508	11	0.002	0.05	0.011	0.6	536972	SMI10000346
K-10-162	30.00	32.00	65	6	0.001	0.01	0.006	0.0	536973	SMI10000346
K-10-162	32.00	34.30	45	2	0.001	0.00	0.002	0.0	536974	SMI10000346
K-10-162	34.30	36.30	177	9	0.000	0.02	0.009	0.3	536975	SMI10000346
K-10-162	36.30	38.00	219	20	0.001	0.02	0.020	0.6	536976	SMI10000346
K-10-162	38.00	40.00	70	9	0.013	0.01	0.009	0.3	536977	SMI10000346
K-10-162	40.00	42.00	63	3	0.007	0.01	0.003	0.1	536978	SMI10000346
K-10-162	42.00	44.00	121	3	0.001	0.01	0.003	0.2	536979	SMI10000346
K-10-162	44.00	46.00	151	6	0.006	0.02	0.006	0.2	536981	SMI10000346
K-10-162	46.00	48.00	56	1	0.001	0.01	0.001	0.0	536982	SMI10000346
K-10-162	48.00	50.00	33	2	0.000	0.00	0.002	0.0	536983	SMI10000346
K-10-162	50.00	52.00	85	7	0.004	0.01	0.007	0.0	536984	SMI10000346
K-10-162	52.00	54.00	107	3	0.001	0.01	0.003	0.0	536985	SMI10000346
K-10-162	54.00	56.00	127	4	0.001	0.01	0.004	0.2	536986	SMI10000346
K-10-162	56.00	58.00	194	4	0.003	0.02	0.004	0.2	536987	SMI10000346
K-10-162	58.00	60.00	284	4	0.026	0.03	0.004	0.3	536988	SMI10000346
K-10-162	60.00	62.00	153	5	0.001	0.02	0.005	0.2	536989	SMI10000346
K-10-162	62.00	64.00	75	3	0.009	0.01	0.003	0.2	536990	SMI10000346
K-10-162	64.00	66.00	252	6	0.006	0.03	0.006	0.3	536991	SMI10000346
K-10-162	66.00	68.00	125	2	0.020	0.01	0.002	0.1	536992	SMI10000346
K-10-162	68.00	70.00	87	3	0.011	0.01	0.003	0.0	536993	SMI10000346
K-10-162	70.00	72.00	134	4	0.002	0.01	0.004	0.1	536994	SMI10000346
K-10-162	72.00	74.00	1324	7	0.002	0.13	0.007	1.1	536996	SMI10000346
K-10-162	74.00	76.00	135	6	0.002	0.01	0.006	0.1	536997	SMI10000346
K-10-162	76.00	78.00	428	20	0.001	0.04	0.020	0.3	536998	SMI10000346
K-10-162	78.00	80.00	113	10	0.001	0.01	0.010	0.1	536999	SMI10000346
K-10-162	80.00	82.00	99	7	0.001	0.01	0.007	0.0	537000	SMI10000346
K-10-162	82.00	84.00	88	9	0.001	0.01	0.009	0.0	537001	SMI10000346
K-10-162	84.00	86.00	25	4	0.004	0.00	0.004	0.0	537002	SMI10000346
K-10-162	86.00	88.00	88	5	0.002	0.01	0.005	0.1	537003	SMI10000346
K-10-162	88.00	90.00	126	5	0.002	0.01	0.005	0.1	537004	SMI10000346
K-10-162	90.00	92.00	106	2	0.001	0.01	0.002	0.1	537005	SMI10000346
K-10-162	92.00	94.00	665	8	0.002	0.07	0.008	0.5	537006	SMI10000346
K-10-162	94.00	96.00	613	2	0.001	0.06	0.002	0.5	537007	SMI10000346
K-10-162	96.00	98.00	139	2	0.001	0.01	0.002	0.1	537008	SMI10000346
K-10-162	98.00	100.00	157	10	0.000	0.02	0.010	0.2	537009	SMI10000346
K-10-162	100.00	102.00	53	2	0.017	0.01	0.002	0.0	537011	SMI10000346
K-10-162	102.00	104.00	53	2	0.005	0.01	0.002	0.0	537012	SMI10000346
K-10-162	104.00	106.00	87	1	0.001	0.01	0.001	0.0	537013	SMI10000346
K-10-162	106.00	108.00	58	1	0.001	0.01	0.001	0.0	537014	SMI10000346
K-10-162	108.00	110.00	21	2	0.004	0.00	0.002	0.0	537015	SMI10000346
K-10-162	110.00	112.00	150	3	0.002	0.01	0.003	0.6	537016	SMI10000346
K-10-162	112.00	114.00	108	4	0.002	0.01	0.004	0.0	537017	SMI10000346
K-10-162	114.00	116.00	170	5	0.000	0.02	0.005	0.1	537018	SMI10000346
K-10-162	116.00	117.35	134	4	0.001	0.01	0.004	0.1	537019	SMI10000346
K-10-162	117.35	119.00	130	1	0.003	0.01	0.001	0.1	537020	SMI10000346
K-10-162	119.00	121.00	174	3	0.001	0.02	0.003	0.2	537021	SMI10000346
K-10-162	121.00	123.00	531	38	0.001	0.05	0.038	0.5	537022	SMI10000346

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-162	123.00	125.00	425	21	0.002	0.04	0.021	0.5	537023	SMI10000346
K-10-162	125.00	127.00	219	11	0.002	0.02	0.011	0.2	537024	SMI10000346
K-10-162	127.00	128.60	644	11	0.001	0.06	0.011	0.5	537026	SMI10000346
K-10-162	128.60	130.00	82	2	0.002	0.01	0.002	0.0	537027	SMI10000346
K-10-162	130.00	131.45	614	19	0.001	0.06	0.019	0.5	537028	SMI10000346
K-10-162	131.45	133.00	400	11	0.000	0.04	0.011	0.3	537029	SMI10000346
K-10-162	133.00	135.00	938	26	0.001	0.09	0.026	0.8	537030	SMI10000346
K-10-162	135.00	137.00	346	15	0.001	0.03	0.015	0.4	537031	SMI10000346
K-10-162	137.00	139.00	410	18	0.001	0.04	0.018	0.4	537032	SMI10000346
K-10-162	139.00	141.00	195	6	0.001	0.02	0.006	0.2	537033	SMI10000346
K-10-162	141.00	143.00	566	13	0.001	0.06	0.013	0.4	537034	SMI10000346
K-10-162	143.00	145.00	1941	47	0.003	0.19	0.047	1.7	537035	SMI10000346
K-10-162	145.00	147.00	612	17	0.001	0.06	0.017	0.4	537036	SMI10000346
K-10-162	147.00	149.00	514	19	0.001	0.05	0.019	0.4	537037	SMI10000346
K-10-162	149.00	151.00	422	7	0.000	0.04	0.007	0.5	537038	SMI10000346
K-10-162	151.00	153.00	501	17	0.001	0.05	0.017	0.4	537039	SMI10000346
K-10-162	153.00	155.00	565	12	0.000	0.06	0.012	0.4	537041	SMI10000346
K-10-162	155.00	157.00	414	11	0.004	0.04	0.011	0.4	537042	SMI10000346
K-10-162	157.00	159.00	291	15	0.000	0.03	0.015	0.4	537043	SMI10000346
K-10-162	159.00	161.00	319	32	0.001	0.03	0.032	0.4	537044	SMI10000346
K-10-162	161.00	163.00	259	5	0.001	0.03	0.005	0.3	537045	SMI10000346
K-10-162	163.00	165.00	365	39	0.001	0.04	0.039	0.4	537046	SMI10000346
K-10-162	165.00	167.00	1160	29	0.001	0.12	0.029	1.2	537047	SMI10000346
K-10-162	167.00	169.00	628	17	0.001	0.06	0.017	0.6	537048	SMI10000346
K-10-162	169.00	171.00	1091	28	0.001	0.11	0.028	1.1	537049	SMI10000346
K-10-162	171.00	173.00	2600	58	0.004	0.26	0.058	2.2	537050	SMI10000346
K-10-162	173.00	175.00	1812	43	0.002	0.18	0.043	1.6	537051	SMI10000346
K-10-162	175.00	177.00	838	23	0.002	0.08	0.023	0.9	537052	SMI10000346
K-10-162	177.00	179.00	2110	45	0.001	0.21	0.045	1.8	537053	SMI10000346
K-10-162	179.00	181.00	850	17	0.001	0.09	0.017	0.9	537054	SMI10000346
K-10-162	181.00	183.00	1593	24	0.007	0.16	0.024	1.4	537056	SMI10000346
K-10-162	183.00	185.00	1012	14	0.001	0.10	0.014	0.7	537057	SMI10000346
K-10-162	185.00	187.00	2650	51	0.002	0.27	0.051	2.1	537058	SMI10000346
K-10-162	187.00	189.00	1524	44	0.001	0.15	0.044	1.2	537059	SMI10000346
K-10-162	189.00	191.00	2820	149	0.002	0.28	0.149	2.6	537060	SMI10000346
K-10-162	191.00	193.00	2380	58	0.001	0.24	0.058	1.8	537061	SMI10000381
K-10-162	193.00	195.00	1071	16	0.000	0.11	0.016	0.9	537062	SMI10000381
K-10-162	195.00	197.00	3130	262	0.001	0.31	0.262	2.4	537063	SMI10000381
K-10-162	197.00	199.00	2500	163	0.003	0.25	0.163	2.4	537064	SMI10000381
K-10-162	199.00	201.00	1900	52	0.001	0.19	0.052	1.5	537065	SMI10000381
K-10-162	201.00	203.00	2760	66	0.001	0.28	0.066	2.1	537066	SMI10000381
K-10-162	203.00	205.00	4210	77	0.003	0.42	0.077	3.3	537067	SMI10000381
K-10-162	205.00	206.35	1134	16	0.003	0.11	0.016	1.0	537068	SMI10000381
K-10-162	206.35	208.00	2660	28	0.003	0.27	0.028	2.0	537069	SMI10000381
K-10-162	208.00	210.00	9160	44	0.004	0.92	0.044	5.5	537071	SMI10000381
K-10-162	210.00	212.00	7090	52	0.005	0.71	0.052	5.9	537072	SMI10000381
K-10-162	212.00	212.95	5500	214	0.005	0.55	0.214	6.7	537073	SMI10000381
K-10-162	212.95	215.00	3020	41	0.004	0.30	0.041	2.9	537074	SMI10000381
K-10-162	215.00	217.00	1736	19	0.001	0.17	0.019	1.7	537075	SMI10000381
K-10-162	217.00	219.60	1179	11	0.001	0.12	0.011	1.0	537076	SMI10000381
K-10-162	219.60	221.00	5990	50	0.030	0.60	0.050	6.0	537077	SMI10000381
K-10-162	221.00	222.90	3940	18	0.013	0.39	0.018	2.9	537078	SMI10000381
K-10-162	222.90	225.00	1350	8	0.001	0.13	0.008	1.1	537079	SMI10000381
K-10-162	225.00	227.00	471	7	0.002	0.05	0.007	0.3	537080	SMI10000381
K-10-162	227.00	229.00	1354	17	0.003	0.14	0.017	0.9	537081	SMI10000381
K-10-162	229.00	231.00	907	10	0.003	0.09	0.010	0.7	537082	SMI10000381
K-10-162	231.00	233.00	1015	11	0.003	0.10	0.011	0.9	537083	SMI10000381
K-10-162	233.00	235.00	298	27	0.002	0.03	0.027	0.4	537084	SMI10000381
K-10-162	235.00	237.00	1835	20	0.018	0.18	0.020	1.8	537086	SMI10000381
K-10-162	237.00	239.00	826	9	0.002	0.08	0.009	0.7	537087	SMI10000381
K-10-162	239.00	241.00	1741	10	0.004	0.17	0.010	1.4	537088	SMI10000381
K-10-162	241.00	243.00	386	5	0.001	0.04	0.005	0.4	537089	SMI10000381
K-10-162	243.00	245.00	432	3	0.001	0.04	0.003	0.4	537090	SMI10000381
K-10-162	245.00	247.00	587	4	0.001	0.06	0.004	0.4	537091	SMI10000381

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-162	247.00	248.10	498	4	0.001	0.05	0.004	0.4	537092	SMI10000381
K-10-162	248.10	250.00	1209	12	0.003	0.12	0.012	1.1	537093	SMI10000381
K-10-162	250.00	252.00	648	11	0.001	0.06	0.011	0.6	537094	SMI10000381
K-10-162	252.00	254.00	485	6	0.001	0.05	0.006	0.4	537095	SMI10000381
K-10-162	254.00	256.00	2570	9	0.007	0.26	0.009	2.3	537096	SMI10000381
K-10-162	256.00	258.00	611	4	0.002	0.06	0.004	0.6	537097	SMI10000381
K-10-162	258.00	260.00	1111	13	0.001	0.11	0.013	1.0	537098	SMI10000381
K-10-162	260.00	262.00	535	8	0.001	0.05	0.008	0.4	537099	SMI10000381
K-10-162	262.00	264.00	364	6	0.000	0.04	0.006	0.4	537101	SMI10000381
K-10-162	264.00	266.00	1076	18	0.000	0.11	0.018	1.1	537102	SMI10000381
K-10-162	266.00	268.00	1135	12	0.001	0.11	0.012	1.3	537103	SMI10000381
K-10-162	268.00	269.70	1353	12	0.001	0.14	0.012	1.4	537104	SMI10000381
K-10-162	269.70	271.00	1042	10	0.001	0.10	0.010	1.0	537105	SMI10000381
K-10-162	271.00	273.00	663	8	0.002	0.07	0.008	0.7	537106	SMI10000381
K-10-162	273.00	275.00	599	9	0.002	0.06	0.009	0.7	537107	SMI10000381
K-10-162	275.00	277.00	603	60	0.009	0.06	0.060	1.0	537108	SMI10000381
K-10-162	277.00	279.00	668	24	0.001	0.07	0.024	0.4	537109	SMI10000381
K-10-162	279.00	281.80	448	14	0.001	0.04	0.014	0.3	537110	SMI10000381
K-10-162	281.80	283.00	995	22	0.003	0.10	0.022	0.6	537111	SMI10000381
K-10-162	283.00	285.00	529	22	0.000	0.05	0.022	0.3	537112	SMI10000381
K-10-162	285.00	287.00	698	25	0.004	0.07	0.025	0.5	537113	SMI10000381
K-10-162	287.00	288.25	326	8	0.000	0.03	0.008	0.9	537114	SMI10000381
K-10-162	288.25	289.00	275	6	0.000	0.03	0.006	0.3	537116	SMI10000381
K-10-162	289.00	290.50	362	5	0.007	0.04	0.005	0.3	537117	SMI10000381
K-10-162	290.50	291.85	276	3	0.000	0.03	0.003	0.2	537118	SMI10000381
K-10-162	291.85	292.60	210	6	0.002	0.02	0.006	0.2	537119	SMI10000381
K-10-162	292.60	294.55	206	3	0.001	0.02	0.003	0.1	537120	SMI10000381
K-10-162	294.55	296.40	356	5	0.002	0.04	0.005	0.3	537121	SMI10000381
K-10-162	296.40	298.00	138	6	0.001	0.01	0.006	0.0	537122	SMI10000381
K-10-162	298.00	300.00	594	37	0.001	0.06	0.037	0.3	537123	SMI10000381
K-10-162	300.00	302.00	84	4	0.001	0.01	0.004	0.0	537124	SMI10000381
K-10-162	302.00	304.00	241	8	0.000	0.02	0.008	0.2	537125	SMI10000381
K-10-162	304.00	306.00	194	7	0.008	0.02	0.007	0.1	537126	SMI10000381
K-10-162	306.00	308.00	650	28	0.001	0.07	0.028	0.3	537127	SMI10000381
K-10-162	308.00	310.00	157	5	0.001	0.02	0.005	0.2	537128	SMI10000381
K-10-162	310.00	312.00	1029	74	0.003	0.10	0.074	0.6	537129	SMI10000381
K-10-162	312.00	314.10	422	11	0.002	0.04	0.011	0.3	537131	SMI10000381
K-10-162	314.10	316.80	816	24	0.000	0.08	0.024	0.5	537132	SMI10000381
K-10-162	316.80	318.00	387	12	0.000	0.04	0.012	0.2	537133	SMI10000381
K-10-162	318.00	320.00	749	23	0.001	0.07	0.023	0.4	537134	SMI10000381
K-10-162	320.00	322.00	879	29	0.001	0.09	0.029	0.6	537135	SMI10000381
K-10-162	322.00	323.10	599	24	0.001	0.06	0.024	0.3	537136	SMI10000381
K-10-162	323.10	325.00	277	11	0.000	0.03	0.011	0.2	537137	SMI10000381
K-10-162	325.00	327.00	174	7	0.000	0.02	0.007	0.2	537138	SMI10000381
K-10-162	327.00	329.00	510	15	0.001	0.05	0.015	0.3	537139	SMI10000381
K-10-162	329.00	331.31	459	13	0.000	0.05	0.013	0.2	537140	SMI10000381
K-10-163	55.05	57.00	90	2	0.000	0.01	0.002	0.3	538996	SMI10000380
K-10-163	57.00	59.00	132	3	0.000	0.01	0.003	0.2	538997	SMI10000380
K-10-163	59.00	61.00	152	4	0.001	0.02	0.004	0.2	538998	SMI10000380
K-10-163	61.00	63.00	96	2	0.000	0.01	0.002	0.1	538999	SMI10000380
K-10-163	63.00	65.00	161	2	0.000	0.02	0.002	0.1	539001	SMI10000380
K-10-163	65.00	67.00	334	3	0.003	0.03	0.003	0.3	539002	SMI10000380
K-10-163	67.00	69.00	204	2	0.006	0.02	0.002	0.2	539003	SMI10000380
K-10-163	69.00	70.16	637	12	0.001	0.06	0.012	0.6	539004	SMI10000380
K-10-163	70.16	72.00	216	6	0.003	0.02	0.006	0.2	539005	SMI10000380
K-10-163	72.00	74.00	247	6	0.001	0.02	0.006	0.3	539006	SMI10000380
K-10-163	74.00	76.00	205	4	0.001	0.02	0.004	0.2	539007	SMI10000380
K-10-163	76.00	78.00	70	1	0.001	0.01	0.001	0.0	539008	SMI10000380
K-10-163	78.00	80.81	293	5	0.000	0.03	0.005	0.2	539009	SMI10000380
K-10-163	80.81	82.81	166	3	0.019	0.02	0.003	0.2	539010	SMI10000380
K-10-163	82.81	84.81	95	1	0.005	0.01	0.001	0.0	539011	SMI10000380
K-10-163	84.81	86.83	234	6	0.003	0.02	0.006	0.2	539012	SMI10000380
K-10-163	86.83	89.00	305	2	0.015	0.03	0.002	0.4	539013	SMI10000380
K-10-163	89.00	90.52	145	2	0.009	0.01	0.002	0.2	539014	SMI10000380

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-163	90.52	92.52	224	1	0.009	0.02	0.001	0.3	539016	SMI10000380
K-10-163	92.52	94.52	377	5	0.015	0.04	0.005	0.5	539017	SMI10000380
K-10-163	94.52	97.00	278	12	0.004	0.03	0.012	0.3	539018	SMI10000380
K-10-163	97.00	99.45	839	6	0.006	0.08	0.006	0.9	539019	SMI10000380
K-10-163	99.45	101.45	598	3	0.000	0.06	0.003	0.7	539020	SMI10000380
K-10-163	101.45	103.00	608	8	0.001	0.06	0.008	0.9	539021	SMI10000380
K-10-163	103.00	105.96	261	6	0.001	0.03	0.006	0.4	539022	SMI10000380
K-10-163	105.96	107.96	737	13	0.002	0.07	0.013	1.0	539023	SMI10000380
K-10-163	107.96	110.61	411	3	0.001	0.04	0.003	0.6	539024	SMI10000380
K-10-163	110.61	113.00	160	1	0.000	0.02	0.001	0.2	539025	SMI10000380
K-10-163	113.00	115.39	196	0	0.000	0.02	0.000	1.0	539026	SMI10000380
K-10-163	115.39	117.50	164	0	0.000	0.02	0.000	1.2	539027	SMI10000380
K-10-163	117.50	119.00	211	4	0.001	0.02	0.004	0.3	539028	SMI10000380
K-10-163	119.00	121.00	252	8	0.000	0.03	0.008	0.3	539029	SMI10000380
K-10-163	121.00	123.00	118	4	0.001	0.01	0.004	0.1	539031	SMI10000380
K-10-163	123.00	125.00	56	5	0.001	0.01	0.005	0.6	539032	SMI10000380
K-10-163	125.00	127.00	177	2	0.000	0.02	0.002	0.2	539033	SMI10000380
K-10-163	127.00	129.00	193	3	0.000	0.02	0.003	0.2	539034	SMI10000380
K-10-163	129.00	131.50	218	4	0.000	0.02	0.004	0.2	539035	SMI10000380
K-10-163	131.50	133.69	509	7	0.000	0.05	0.007	0.6	539036	SMI10000380
K-10-163	133.69	135.00	274	4	0.000	0.03	0.004	0.2	539037	SMI10000380
K-10-163	135.00	137.50	253	10	0.000	0.03	0.010	0.4	539038	SMI10000380
K-10-163	137.50	139.96	187	3	0.000	0.02	0.003	0.4	539039	SMI10000380
K-10-163	139.96	142.00	666	6	0.001	0.07	0.006	0.7	539040	SMI10000380
K-10-163	142.00	144.00	194	2	0.001	0.02	0.002	0.1	539041	SMI10000380
K-10-163	144.00	146.00	232	2	0.002	0.02	0.002	0.2	539042	SMI10000380
K-10-163	146.00	148.00	61	3	0.001	0.01	0.003	0.0	539043	SMI10000380
K-10-163	148.00	150.00	119	2	0.000	0.01	0.002	0.1	539044	SMI10000380
K-10-163	150.00	152.00	230	2	0.002	0.02	0.002	0.2	539046	SMI10000380
K-10-163	152.00	154.00	225	1	0.002	0.02	0.001	0.2	539047	SMI10000380
K-10-163	154.00	156.00	141	1	0.000	0.01	0.001	0.1	539048	SMI10000380
K-10-163	156.00	158.00	295	5	0.000	0.03	0.005	0.3	539049	SMI10000380
K-10-163	158.00	160.00	355	5	0.000	0.04	0.005	0.2	539050	SMI10000380
K-10-163	160.00	162.00	213	4	0.000	0.02	0.004	0.2	539051	SMI10000380
K-10-163	162.00	163.37	391	5	0.002	0.04	0.005	0.3	539052	SMI10000380
K-10-163	163.37	166.00	1049	22	0.000	0.10	0.022	0.8	539053	SMI10000380
K-10-163	166.00	167.96	110	2	0.001	0.01	0.002	0.1	539054	SMI10000380
K-10-163	167.96	170.00	93	4	0.002	0.01	0.004	0.1	539055	SMI10000380
K-10-163	170.00	172.00	122	6	0.000	0.01	0.006	0.1	539056	SMI10000380
K-10-163	172.00	174.00	1089	35	0.000	0.11	0.035	0.8	539057	SMI10000380
K-10-163	174.00	176.00	128	3	0.000	0.01	0.003	0.1	539058	SMI10000380
K-10-163	176.00	178.00	163	6	0.000	0.02	0.006	0.1	539059	SMI10000380
K-10-163	178.00	180.00	120	2	0.001	0.01	0.002	0.2	539061	SMI10000380
K-10-163	180.00	182.00	41	1	0.001	0.00	0.001	0.0	539062	SMI10000380
K-10-163	182.00	184.00	90	1	0.000	0.01	0.001	0.0	539063	SMI10000380
K-10-163	184.00	185.01	185	5	0.002	0.02	0.005	0.5	539064	SMI10000380
K-10-164	82.43	84.50	8	3	0.000	0.00	0.003	0.0	539065	SMI10000382
K-10-164	84.50	86.50	5	1	0.002	0.00	0.001	0.0	539066	SMI10000382
K-10-164	86.50	88.88	8	5	0.002	0.00	0.005	0.0	539067	SMI10000382
K-10-164	88.88	91.00	9	8	0.002	0.00	0.008	0.0	539068	SMI10000382
K-10-164	91.00	93.00	53	6	0.001	0.01	0.006	0.0	539069	SMI10000382
K-10-164	93.00	95.00	56	3	0.000	0.01	0.003	0.0	539070	SMI10000382
K-10-164	95.00	97.48	167	3	0.003	0.02	0.003	0.1	539071	SMI10000382
K-10-164	97.48	99.48	113	3	0.001	0.01	0.003	0.0	539072	SMI10000382
K-10-164	99.48	101.42	50	1	0.000	0.00	0.001	0.0	539073	SMI10000382
K-10-164	101.42	103.42	51	1	0.012	0.01	0.001	0.3	539074	SMI10000382
K-10-164	103.42	105.37	67	1	0.023	0.01	0.001	0.5	539076	SMI10000382
K-10-164	105.37	107.00	173	5	0.001	0.02	0.005	0.0	539077	SMI10000382
K-10-164	107.00	109.00	53	1	0.003	0.01	0.001	0.0	539078	SMI10000382
K-10-164	109.00	111.00	21	1	0.001	0.00	0.001	0.0	539079	SMI10000382
K-10-164	111.00	113.00	29	4	0.000	0.00	0.004	0.0	539080	SMI10000382
K-10-164	113.00	115.00	66	2	0.001	0.01	0.002	0.0	539081	SMI10000382
K-10-164	115.00	117.00	69	2	0.000	0.01	0.002	0.0	539082	SMI10000382
K-10-164	117.00	119.00	89	2	0.000	0.01	0.002	0.0	539083	SMI10000382

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-164	119.00	121.00	46	4	0.001	0.00	0.004	0.0	539084	SMI10000382
K-10-164	121.00	123.00	139	4	0.001	0.01	0.004	0.0	539085	SMI10000382
K-10-164	123.00	124.35	104	3	0.000	0.01	0.003	0.0	539086	SMI10000382
K-10-164	124.35	126.40	163	4	0.000	0.02	0.004	0.2	539087	SMI10000382
K-10-164	126.40	128.00	252	8	0.000	0.03	0.008	0.0	539088	SMI10000382
K-10-164	128.00	130.00	728	21	0.000	0.07	0.021	0.2	539089	SMI10000382
K-10-164	130.00	131.78	244	14	0.001	0.02	0.014	0.2	539091	SMI10000382
K-10-164	131.78	134.00	383	20	0.001	0.04	0.020	0.2	539092	SMI10000382
K-10-164	134.00	136.55	444	24	0.000	0.04	0.024	0.2	539093	SMI10000382
K-10-164	136.55	139.00	906	11	0.000	0.09	0.011	0.4	539094	SMI10000382
K-10-164	139.00	141.00	817	30	0.000	0.08	0.030	0.3	539095	SMI10000382
K-10-164	141.00	143.00	375	12	0.000	0.04	0.012	0.1	539096	SMI10000382
K-10-164	143.00	145.00	264	12	0.000	0.03	0.012	0.1	539097	SMI10000382
K-10-164	145.00	147.00	520	22	0.000	0.05	0.022	0.2	539098	SMI10000382
K-10-164	147.00	149.00	116	4	0.000	0.01	0.004	0.0	539099	SMI10000382
K-10-164	149.00	151.00	193	5	0.001	0.02	0.005	0.0	539100	SMI10000382
K-10-164	151.00	153.00	307	10	0.000	0.03	0.010	0.2	539101	SMI10000382
K-10-164	153.00	155.00	1052	20	0.001	0.11	0.020	0.4	539102	SMI10000382
K-10-164	155.00	157.00	101	3	0.000	0.01	0.003	0.0	539103	SMI10000382
K-10-164	157.00	159.00	417	7	0.000	0.04	0.007	0.2	539104	SMI10000382
K-10-164	159.00	161.00	363	11	0.001	0.04	0.011	0.1	539106	SMI10000382
K-10-164	161.00	163.00	266	8	0.001	0.03	0.008	0.1	539107	SMI10000382
K-10-164	163.00	165.00	173	7	0.001	0.02	0.007	0.0	539108	SMI10000382
K-10-164	165.00	167.00	1068	55	0.001	0.11	0.055	0.5	539109	SMI10000382
K-10-164	167.00	169.00	1068	70	0.001	0.11	0.070	0.5	539110	SMI10000382
K-10-164	169.00	171.00	223	17	0.000	0.02	0.017	0.0	539111	SMI10000382
K-10-164	171.00	173.00	260	9	0.001	0.03	0.009	0.0	539112	SMI10000382
K-10-164	173.00	175.00	212	8	0.000	0.02	0.008	0.0	539113	SMI10000382
K-10-164	175.00	177.00	226	8	0.000	0.02	0.008	0.0	539114	SMI10000382
K-10-164	177.00	179.50	275	25	0.000	0.03	0.025	0.0	539115	SMI10000382
K-10-164	179.50	181.00	240	31	0.001	0.02	0.031	0.1	539116	SMI10000382
K-10-164	181.00	183.00	75	5	0.002	0.01	0.005	0.0	539117	SMI10000382
K-10-164	183.00	185.00	377	36	0.002	0.04	0.036	0.1	539118	SMI10000382
K-10-164	185.00	187.00	536	6	0.000	0.05	0.006	0.2	539119	SMI10000382
K-10-164	187.00	189.00	1412	11	0.001	0.14	0.011	0.3	539121	SMI10000382
K-10-164	189.00	191.00	203	15	0.001	0.02	0.015	0.2	539122	SMI10000382
K-10-164	191.00	193.16	146	6	0.009	0.01	0.006	0.2	539123	SMI10000382
K-10-164	193.16	195.00	121	5	0.000	0.01	0.005	0.0	539124	SMI10000382
K-10-164	195.00	197.00	125	21	0.001	0.01	0.021	0.1	539125	SMI10000382
K-10-164	197.00	199.00	104	4	0.000	0.01	0.004	0.0	539126	SMI10000382
K-10-164	199.00	201.00	88	3	0.000	0.01	0.003	0.0	539127	SMI10000382
K-10-164	201.00	202.68	111	3	0.000	0.01	0.003	0.0	539128	SMI10000382
K-10-164	202.68	205.00	287	10	0.001	0.03	0.010	0.1	539129	SMI10000382
K-10-164	205.00	207.00	266	7	0.001	0.03	0.007	0.1	539130	SMI10000382
K-10-164	207.00	209.00	109	4	0.000	0.01	0.004	0.0	539131	SMI10000382
K-10-164	209.00	211.00	28	1	0.000	0.00	0.001	0.0	539132	SMI10000382
K-10-164	211.00	213.00	66	6	0.000	0.01	0.006	0.0	539133	SMI10000382
K-10-164	213.00	215.00	60	6	0.000	0.01	0.006	0.0	539134	SMI10000382
K-10-164	215.00	217.00	94	4	0.000	0.01	0.004	0.0	539136	SMI10000382
K-10-164	217.00	219.00	101	4	0.002	0.01	0.004	0.1	539137	SMI10000382
K-10-164	219.00	221.00	94	3	0.000	0.01	0.003	0.1	539138	SMI10000382
K-10-164	221.00	223.00	91	2	0.000	0.01	0.002	0.0	539139	SMI10000382
K-10-164	223.00	224.94	299	6	0.001	0.03	0.006	0.4	539140	SMI10000382
K-10-164	224.94	227.00	575	7	0.001	0.06	0.007	0.5	539141	SMI10000382
K-10-164	227.00	229.00	529	13	0.000	0.05	0.013	0.5	539142	SMI10000382
K-10-164	229.00	231.00	1082	36	0.002	0.11	0.036	0.9	539143	SMI10000382
K-10-164	231.00	233.00	631	19	0.000	0.06	0.019	0.7	539144	SMI10000382
K-10-164	233.00	235.00	269	4	0.000	0.03	0.004	0.4	539145	SMI10000382
K-10-164	235.00	236.48	826	17	0.002	0.08	0.017	0.7	539146	SMI10000382
K-10-164	236.48	239.00	579	12	0.001	0.06	0.012	0.5	539147	SMI10000382
K-10-164	239.00	241.00	1110	18	0.001	0.11	0.018	0.8	539148	SMI10000382
K-10-164	241.00	243.00	1234	29	0.003	0.12	0.029	0.8	539149	SMI10000382
K-10-164	243.00	245.00	3010	49	0.005	0.30	0.049	2.0	539151	SMI10000382
K-10-164	245.00	246.27	613	21	0.001	0.06	0.021	0.5	539152	SMI10000382

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-164	246.27	249.00	312	7	0.001	0.03	0.007	0.3	539153	SMI10000382
K-10-164	249.00	251.00	631	23	0.005	0.06	0.023	0.6	539154	SMI10000382
K-10-164	251.00	253.00	563	17	0.004	0.06	0.017	0.4	539155	SMI10000382
K-10-164	253.00	255.00	973	29	0.003	0.10	0.029	0.9	539156	SMI10000382
K-10-164	255.00	257.00	1585	114	0.003	0.16	0.114	1.9	539157	SMI10000382
K-10-164	257.00	259.00	637	25	0.010	0.06	0.025	0.6	539158	SMI10000382
K-10-164	259.00	261.00	975	33	0.010	0.10	0.033	0.8	539159	SMI10000382
K-10-164	261.00	263.00	1270	60	0.006	0.13	0.060	0.9	539160	SMI10000382
K-10-164	263.00	265.00	1602	55	0.002	0.16	0.055	1.1	539161	SMI10000382
K-10-164	265.00	267.00	1155	44	0.003	0.12	0.044	0.9	539162	SMI10000382
K-10-164	267.00	269.00	9490	218	0.006	0.95	0.218	7.1	539163	SMI10000382
K-10-164	269.00	271.00	1148	45	0.003	0.11	0.045	1.0	539164	SMI10000382
K-10-164	271.00	272.87	2520	88	0.002	0.25	0.088	1.9	539166	SMI10000382
K-10-164	272.87	275.00	2290	62	0.002	0.23	0.062	2.1	539167	SMI10000382
K-10-164	275.00	277.00	2200	34	0.003	0.22	0.034	1.8	539168	SMI10000382
K-10-164	277.00	279.00	2620	62	0.003	0.26	0.062	1.6	539169	SMI10000382
K-10-164	279.00	281.00	839	34	0.001	0.08	0.034	0.6	539170	SMI10000382
K-10-164	281.00	283.00	987	22	0.002	0.10	0.022	0.8	539171	SMI10000382
K-10-164	283.00	285.00	720	28	0.001	0.07	0.028	0.5	539172	SMI10000382
K-10-164	285.00	287.00	1071	26	0.002	0.11	0.026	0.7	539173	SMI10000382
K-10-164	287.00	289.00	2210	72	0.003	0.22	0.072	1.5	539174	SMI10000382
K-10-164	289.00	291.00	1262	28	0.002	0.13	0.028	0.9	539175	SMI10000382
K-10-164	291.00	293.00	732	20	0.000	0.07	0.020	0.7	539176	SMI10000382
K-10-164	293.00	295.00	2200	43	0.001	0.22	0.043	1.3	539177	SMI10000382
K-10-164	295.00	297.00	701	23	0.001	0.07	0.023	0.4	539178	SMI10000382
K-10-164	297.00	299.00	726	29	0.001	0.07	0.029	0.5	539179	SMI10000382
K-10-164	299.00	300.56	784	26	0.001	0.08	0.026	0.5	539181	SMI10000382
K-10-164	300.56	303.00	1265	56	0.001	0.13	0.056	1.0	539182	SMI10000382
K-10-164	303.00	305.00	699	15	0.001	0.07	0.015	0.5	539183	SMI10000382
K-10-164	305.00	307.00	1076	25	0.001	0.11	0.025	0.8	539184	SMI10000382
K-10-164	307.00	309.00	1904	65	0.002	0.19	0.065	1.6	539185	SMI10000382
K-10-164	309.00	311.50	1155	41	0.001	0.12	0.041	0.8	539186	SMI10000382
K-10-164	311.50	313.94	1035	26	0.004	0.10	0.026	0.8	539187	SMI10000382
K-10-164	313.94	316.00	3160	71	0.005	0.32	0.071	2.6	539188	SMI10000382
K-10-164	316.00	318.00	1305	27	0.010	0.13	0.027	0.9	539189	SMI10000382
K-10-164	318.00	320.00	915	15	0.002	0.09	0.015	0.7	539190	SMI10000382
K-10-164	320.00	322.00	770	9	0.004	0.08	0.009	0.6	539191	SMI10000382
K-10-164	322.00	324.00	1129	22	0.003	0.11	0.022	0.9	539192	SMI10000382
K-10-164	324.00	326.00	573	13	0.001	0.06	0.013	0.4	539193	SMI10000382
K-10-164	326.00	327.60	1733	67	0.012	0.17	0.067	1.2	539194	SMI10000382
K-10-164	327.60	329.74	822	15	0.002	0.08	0.015	0.5	539196	SMI10000382
K-10-164	329.74	331.26	85	2	0.001	0.01	0.002	0.1	539197	SMI10000382
K-10-164	331.26	333.00	361	2	0.001	0.04	0.002	0.2	539198	SMI10000382
K-10-164	333.00	335.00	132	9	0.001	0.01	0.009	0.1	539199	SMI10000382
K-10-164	335.00	337.00	68	1	0.000	0.01	0.001	0.0	539200	SMI10000382
K-10-164	337.00	339.56	983	22	0.004	0.10	0.022	0.5	539201	SMI10000382
K-10-164	339.56	342.53	112	5	0.000	0.01	0.005	0.0	539202	SMI10000382
K-10-164	342.53	344.00	192	22	0.001	0.02	0.022	0.0	539203	SMI10000382
K-10-164	344.00	346.00	31	8	0.000	0.00	0.008	0.0	539204	SMI10000382
K-10-164	346.00	348.00	97	11	0.002	0.01	0.011	0.1	539205	SMI10000382
K-10-164	348.00	350.00	25	2	0.000	0.00	0.002	0.0	539206	SMI10000382
K-10-164	350.00	352.00	7	0	0.000	0.00	0.000	0.0	539207	SMI10000382
K-10-164	352.00	354.00	20	0	0.000	0.00	0.000	0.0	539208	SMI10000382
K-10-164	354.00	356.00	20	3	0.000	0.00	0.003	0.0	539209	SMI10000382
K-10-164	356.00	358.00	15	0	0.000	0.00	0.000	0.0	539211	SMI10000382
K-10-164	358.00	359.05	63	2	0.000	0.01	0.002	0.0	539212	SMI10000382
K-10-165	21.90	23.00	1238	49	0.001	0.12	0.049	0.9	537141	SMI10000383
K-10-165	23.00	25.00	160	5	0.001	0.02	0.005	0.2	537142	SMI10000383
K-10-165	25.00	27.00	166	8	0.000	0.02	0.008	0.1	537143	SMI10000383
K-10-165	27.00	29.00	107	4	0.000	0.01	0.004	0.1	537144	SMI10000383
K-10-165	29.00	31.00	174	7	0.001	0.02	0.007	0.2	537146	SMI10000383
K-10-165	31.00	33.00	359	6	0.002	0.04	0.006	0.4	537147	SMI10000383
K-10-165	33.00	35.00	266	6	0.001	0.03	0.006	0.4	537148	SMI10000383
K-10-165	35.00	37.00	238	10	0.001	0.02	0.010	0.3	537149	SMI10000383

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-165	37.00	38.90	68	9	0.000	0.01	0.009	0.0	537150	SMI10000383
K-10-165	38.90	41.00	425	136	0.001	0.04	0.136	0.6	537151	SMI10000383
K-10-165	41.00	43.00	352	27	0.002	0.04	0.027	0.5	537152	SMI10000383
K-10-165	43.00	45.00	229	2	0.000	0.02	0.002	0.2	537153	SMI10000383
K-10-165	45.00	47.00	354	40	0.000	0.04	0.040	0.6	537154	SMI10000383
K-10-165	47.00	49.00	303	31	0.000	0.03	0.031	0.3	537155	SMI10000383
K-10-165	49.00	51.00	321	39	0.000	0.03	0.039	0.4	537156	SMI10000383
K-10-165	51.00	53.00	157	6	0.001	0.02	0.006	0.2	537157	SMI10000383
K-10-165	53.00	55.00	91	5	0.000	0.01	0.005	0.1	537158	SMI10000383
K-10-165	55.00	56.40	153	8	0.000	0.02	0.008	0.2	537159	SMI10000383
K-10-165	56.40	58.00	162	5	0.000	0.02	0.005	0.2	537161	SMI10000383
K-10-165	58.00	60.00	356	9	0.000	0.04	0.009	0.2	537162	SMI10000383
K-10-165	60.00	62.00	1021	15	0.003	0.10	0.015	0.7	537163	SMI10000383
K-10-165	62.00	64.00	935	24	0.001	0.09	0.024	0.6	537164	SMI10000383
K-10-165	64.00	65.20	1619	34	0.003	0.16	0.034	1.1	537165	SMI10000383
K-10-165	65.20	67.00	1528	42	0.003	0.15	0.042	1.1	537166	SMI10000383
K-10-165	67.00	69.00	939	25	0.002	0.09	0.025	0.8	537167	SMI10000383
K-10-165	69.00	71.00	868	25	0.002	0.09	0.025	0.9	537168	SMI10000383
K-10-165	71.00	72.85	1056	37	0.003	0.11	0.037	1.4	537169	SMI10000383
K-10-165	72.85	75.00	416	18	0.001	0.04	0.018	0.4	537170	SMI10000383
K-10-165	75.00	77.00	352	12	0.001	0.04	0.012	0.3	537171	SMI10000383
K-10-165	77.00	79.00	575	11	0.001	0.06	0.011	0.5	537172	SMI10000383
K-10-165	79.00	81.00	524	16	0.001	0.05	0.016	0.5	537173	SMI10000383
K-10-165	81.00	83.00	525	27	0.001	0.05	0.027	0.7	537174	SMI10000383
K-10-165	83.00	85.00	545	23	0.001	0.05	0.023	0.8	537176	SMI10000383
K-10-165	85.00	87.00	1423	33	0.005	0.14	0.033	1.3	537177	SMI10000383
K-10-165	87.00	89.00	1637	39	0.007	0.16	0.039	2.4	537178	SMI10000383
K-10-165	89.00	91.00	112	15	0.003	0.01	0.015	0.1	537179	SMI10000383
K-10-165	91.00	93.00	135	10	0.000	0.01	0.010	0.2	537180	SMI10000383
K-10-165	93.00	95.00	138	22	0.000	0.01	0.022	0.2	537181	SMI10000383
K-10-165	95.00	96.30	44	8	0.001	0.00	0.008	0.0	537182	SMI10000383
K-10-165	96.30	98.00	107	4	0.000	0.01	0.004	0.1	537183	SMI10000383
K-10-165	98.00	100.00	132	4	0.001	0.01	0.004	0.2	537184	SMI10000383
K-10-165	100.00	101.40	95	1	0.001	0.01	0.001	0.1	537185	SMI10000383
K-10-165	101.40	103.00	110	30	0.001	0.01	0.030	0.4	537186	SMI10000383
K-10-165	103.00	104.60	235	9	0.001	0.02	0.009	0.3	537187	SMI10000383
K-10-165	104.60	106.00	257	11	0.002	0.03	0.011	0.3	537188	SMI10000383
K-10-165	106.00	108.00	102	5	0.001	0.01	0.005	0.3	537189	SMI10000383
K-10-165	108.00	110.00	104	6	0.000	0.01	0.006	0.2	537191	SMI10000383
K-10-165	110.00	111.55	139	8	0.000	0.01	0.008	0.2	537192	SMI10000383
K-10-165	111.55	113.00	455	7	0.004	0.05	0.007	0.2	537193	SMI10000383
K-10-165	113.00	115.00	692	14	0.003	0.07	0.014	0.3	537194	SMI10000383
K-10-165	115.00	117.00	227	10	0.001	0.02	0.010	0.2	537195	SMI10000383
K-10-165	117.00	119.00	194	4	0.001	0.02	0.004	0.1	537196	SMI10000383
K-10-165	119.00	121.00	188	2	0.000	0.02	0.002	0.0	537197	SMI10000383
K-10-165	121.00	123.00	63	2	0.000	0.01	0.002	0.0	537198	SMI10000383
K-10-165	123.00	125.00	235	3	0.001	0.02	0.003	0.0	537199	SMI10000383
K-10-165	125.00	127.00	134	1	0.000	0.01	0.001	0.0	537200	SMI10000383
K-10-165	127.00	129.00	93	1	0.000	0.01	0.001	0.0	537201	SMI10000383
K-10-165	129.00	130.15	343	1	0.000	0.03	0.001	0.0	537202	SMI10000383
K-10-165	130.15	132.00	129	1	0.000	0.01	0.001	0.0	537203	SMI10000383
K-10-165	132.00	134.40	47	0	0.000	0.00	0.000	0.0	537204	SMI10000383
K-10-165	134.40	136.00	316	4	0.000	0.03	0.004	0.0	537206	SMI10000383
K-10-165	136.00	138.00	3290	11	0.000	0.33	0.011	0.8	537207	SMI10000383
K-10-165	138.00	140.00	1187	9	0.000	0.12	0.009	0.3	537208	SMI10000383
K-10-165	140.00	142.00	1474	46	0.000	0.15	0.046	0.5	537209	SMI10000383
K-10-165	142.00	144.00	287	6	0.000	0.03	0.006	0.1	537210	SMI10000383
K-10-165	144.00	146.10	493	7	0.000	0.05	0.007	0.1	537211	SMI10000383
K-10-165	146.10	147.10	232	21	0.000	0.02	0.021	0.0	537212	SMI10000383
K-10-165	147.10	149.00	59	3	0.000	0.01	0.003	0.0	537213	SMI10000383
K-10-165	149.00	151.00	150	1	0.000	0.01	0.001	0.0	537214	SMI10000383
K-10-165	151.00	153.00	690	4	0.000	0.07	0.004	0.2	537215	SMI10000383
K-10-165	153.00	155.00	39	3	0.000	0.00	0.003	0.0	537216	SMI10000383
K-10-165	155.00	157.00	48	1	0.000	0.00	0.001	0.0	537217	SMI10000383

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-165	157.00	158.20	72	1	0.000	0.01	0.001	0.0	537218	SMI10000383
K-10-165	158.20	160.00	657	15	0.001	0.07	0.015	0.2	537219	SMI10000383
K-10-165	160.00	162.00	377	7	0.000	0.04	0.007	0.2	537221	SMI10000383
K-10-165	162.00	164.00	714	9	0.001	0.07	0.009	0.3	537222	SMI10000383
K-10-165	164.00	166.00	252	5	0.003	0.03	0.005	0.0	537223	SMI10000383
K-10-165	166.00	168.00	336	4	0.001	0.03	0.004	0.1	537224	SMI10000383
K-10-165	168.00	170.00	750	6	0.002	0.08	0.006	0.2	537225	SMI10000383
K-10-165	170.00	172.00	418	6	0.001	0.04	0.006	0.2	537226	SMI10000383
K-10-165	172.00	174.00	348	4	0.002	0.03	0.004	0.1	537227	SMI10000383
K-10-165	174.00	176.00	453	8	0.002	0.05	0.008	0.3	537228	SMI10000383
K-10-165	176.00	178.00	386	13	0.001	0.04	0.013	0.2	537229	SMI10000383
K-10-165	178.00	180.90	723	28	0.000	0.07	0.028	0.4	537230	SMI10000383
K-10-165	180.90	183.00	147	3	0.000	0.01	0.003	0.0	537231	SMI10000383
K-10-165	183.00	185.00	162	1	0.000	0.02	0.001	0.0	537232	SMI10000383
K-10-165	185.00	187.00	396	5	0.000	0.04	0.005	0.1	537233	SMI10000383
K-10-165	187.00	189.00	226	4	0.000	0.02	0.004	0.0	537234	SMI10000383
K-10-165	189.00	191.00	58	1	0.000	0.01	0.001	0.0	537236	SMI10000383
K-10-165	191.00	193.90	473	11	0.000	0.05	0.011	0.2	537237	SMI10000383
K-10-165	193.90	196.00	191	22	0.002	0.02	0.022	0.2	537238	SMI10000383
K-10-165	196.00	198.00	164	3	0.000	0.02	0.003	0.0	537239	SMI10000383
K-10-165	198.00	200.00	140	2	0.000	0.01	0.002	0.0	537240	SMI10000383
K-10-165	200.00	202.00	171	4	0.000	0.02	0.004	0.0	537241	SMI10000383
K-10-165	202.00	204.00	410	10	0.000	0.04	0.010	0.3	537242	SMI10000383
K-10-165	204.00	206.00	177	14	0.000	0.02	0.014	0.2	537243	SMI10000383
K-10-165	206.00	208.00	173	2	0.000	0.02	0.002	0.0	537244	SMI10000383
K-10-165	208.00	210.20	184	1	0.000	0.02	0.001	0.0	537245	SMI10000383
K-10-165	210.20	211.40	241	4	0.001	0.02	0.004	0.3	537246	SMI10000383
K-10-165	211.40	213.00	149	2	0.000	0.01	0.002	0.1	537247	SMI10000383
K-10-165	213.00	215.00	155	1	0.000	0.02	0.001	0.0	537248	SMI10000383
K-10-165	215.00	217.00	145	2	0.000	0.01	0.002	0.0	537249	SMI10000383
K-10-165	217.00	219.00	158	3	0.000	0.02	0.003	0.0	537251	SMI10000383
K-10-165	219.00	221.80	171	48	0.000	0.02	0.048	0.1	537252	SMI10000383
K-10-165	221.80	224.00	51	2	0.001	0.01	0.002	0.0	537253	SMI10000383
K-10-165	224.00	226.00	39	0	0.001	0.00	0.000	0.0	537254	SMI10000383
K-10-165	226.00	228.00	555	11	0.001	0.06	0.011	0.2	537255	SMI10000383
K-10-165	228.00	230.00	335	14	0.000	0.03	0.014	0.2	537256	SMI10000383
K-10-165	230.00	232.00	321	27	0.001	0.03	0.027	0.2	537257	SMI10000383
K-10-165	232.00	234.00	329	3	0.000	0.03	0.003	0.1	537258	SMI10000383
K-10-165	234.00	236.00	589	9	0.001	0.06	0.009	0.2	537259	SMI10000383
K-10-165	236.00	238.00	910	12	0.002	0.09	0.012	0.3	537260	SMI10000383
K-10-165	238.00	240.00	133	1	0.001	0.01	0.001	0.0	537261	SMI10000383
K-10-165	240.00	242.00	357	2	0.000	0.04	0.002	0.1	537262	SMI10000383
K-10-165	242.00	244.30	388	3	0.002	0.04	0.003	0.1	537263	SMI10000383
K-10-165	244.30	246.90	136	2	0.000	0.01	0.002	0.0	537264	SMI10000383
K-10-166	39.00	41.00	273	85	0.000	0.03	0.085	0.7	539213	SMI10000384
K-10-166	41.00	43.00	287	44	0.000	0.03	0.044	0.4	539214	SMI10000384
K-10-166	43.00	44.80	936	49	0.000	0.09	0.049	0.6	539215	SMI10000384
K-10-166	44.80	47.00	638	103	0.001	0.06	0.103	0.8	539216	SMI10000384
K-10-166	47.00	49.00	653	92	0.000	0.07	0.092	0.7	539217	SMI10000384
K-10-166	49.00	51.60	315	43	0.000	0.03	0.043	0.2	539218	SMI10000384
K-10-166	51.60	53.00	376	21	0.000	0.04	0.021	0.3	539219	SMI10000384
K-10-166	53.00	55.00	382	41	0.000	0.04	0.041	0.4	539220	SMI10000384
K-10-166	55.00	57.00	254	26	0.000	0.03	0.026	0.3	539221	SMI10000384
K-10-166	57.00	59.00	272	20	0.000	0.03	0.020	0.2	539222	SMI10000384
K-10-166	59.00	60.74	697	58	0.000	0.07	0.058	0.4	539223	SMI10000384
K-10-166	60.74	63.00	278	24	0.000	0.03	0.024	0.3	539224	SMI10000384
K-10-166	63.00	65.00	128	12	0.000	0.01	0.012	0.1	539226	SMI10000384
K-10-166	65.00	67.00	200	27	0.000	0.02	0.027	0.2	539227	SMI10000384
K-10-166	67.00	69.00	132	14	0.000	0.01	0.014	0.1	539228	SMI10000384
K-10-166	69.00	71.00	201	29	0.000	0.02	0.029	0.3	539229	SMI10000384
K-10-166	71.00	73.00	66	12	0.000	0.01	0.012	0.1	539230	SMI10000384
K-10-166	73.00	75.00	412	37	0.000	0.04	0.037	0.4	539231	SMI10000384
K-10-166	75.00	77.00	650	49	0.000	0.07	0.049	0.6	539232	SMI10000384
K-10-166	77.00	79.00	319	45	0.000	0.03	0.045	0.4	539233	SMI10000384

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-166	79.00	81.00	121	22	0.000	0.01	0.022	0.1	539234	SMI10000384
K-10-166	81.00	83.00	123	33	0.000	0.01	0.033	0.2	539235	SMI10000384
K-10-166	83.00	85.00	101	27	0.000	0.01	0.027	0.3	539236	SMI10000384
K-10-166	85.00	87.00	189	41	0.000	0.02	0.041	0.3	539237	SMI10000384
K-10-166	87.00	89.00	109	18	0.000	0.01	0.018	0.2	539238	SMI10000384
K-10-166	89.00	91.00	182	36	0.000	0.02	0.036	0.2	539239	SMI10000384
K-10-166	91.00	93.00	120	19	0.000	0.01	0.019	0.2	539241	SMI10000384
K-10-166	93.00	95.00	140	19	0.000	0.01	0.019	0.2	539242	SMI10000384
K-10-166	95.00	97.00	236	26	0.000	0.02	0.026	0.3	539243	SMI10000384
K-10-166	97.00	99.00	234	25	0.000	0.02	0.025	0.3	539244	SMI10000384
K-10-166	99.00	101.00	2270	142	0.000	0.23	0.142	1.5	539245	SMI10000384
K-10-166	101.00	103.00	500	40	0.000	0.05	0.040	0.4	539246	SMI10000384
K-10-166	103.00	105.00	159	24	0.000	0.02	0.024	0.2	539247	SMI10000384
K-10-166	105.00	107.00	290	34	0.000	0.03	0.034	0.6	539248	SMI10000384
K-10-166	107.00	109.00	223	30	0.000	0.02	0.030	0.4	539249	SMI10000384
K-10-166	109.00	111.00	176	25	0.000	0.02	0.025	0.4	539250	SMI10000384
K-10-166	111.00	113.00	214	49	0.000	0.02	0.049	0.3	539251	SMI10000384
K-10-166	113.00	114.78	300	60	0.000	0.03	0.060	0.3	539252	SMI10000384
K-10-166	114.78	117.00	359	43	0.001	0.04	0.043	0.3	539253	SMI10000384
K-10-166	117.00	119.00	1015	134	0.000	0.10	0.134	0.3	539254	SMI10000384
K-10-166	119.00	121.00	5040	516	0.000	0.50	0.516	1.2	539256	SMI10000384
K-10-166	121.00	123.00	4250	281	0.001	0.43	0.281	1.2	539257	SMI10000384
K-10-166	123.00	125.00	3980	162	0.000	0.40	0.162	1.0	539258	SMI10000384
K-10-166	125.00	127.00	310	20	0.001	0.03	0.020	0.2	539259	SMI10000384
K-10-166	127.00	129.00	303	17	0.004	0.03	0.017	0.2	539260	SMI10000384
K-10-166	129.00	131.00	266	15	0.001	0.03	0.015	0.1	539261	SMI10000384
K-10-166	131.00	133.00	304	29	0.000	0.03	0.029	0.1	539262	SMI10000384
K-10-166	133.00	135.49	526	38	0.000	0.05	0.038	0.2	539263	SMI10000384
K-10-166	135.49	137.00	390	33	0.001	0.04	0.033	0.2	539264	SMI10000384
K-10-166	137.00	139.00	221	31	0.001	0.02	0.031	0.2	539265	SMI10000384
K-10-166	139.00	141.00	32	2	0.000	0.00	0.002	0.0	539266	SMI10000384
K-10-166	141.00	143.00	411	40	0.001	0.04	0.040	0.2	539267	SMI10000384
K-10-166	143.00	145.00	448	47	0.000	0.04	0.047	0.3	539268	SMI10000384
K-10-166	145.00	147.00	654	24	0.001	0.07	0.024	0.3	539269	SMI10000384
K-10-166	147.00	149.00	159	32	0.000	0.02	0.032	0.1	539271	SMI10000384
K-10-166	149.00	151.00	202	13	0.000	0.02	0.013	0.0	539272	SMI10000384
K-10-166	151.00	153.00	1717	226	0.001	0.17	0.226	0.5	539273	SMI10000384
K-10-166	153.00	155.00	184	21	0.001	0.02	0.021	0.0	539274	SMI10000384
K-10-166	155.00	157.00	1291	197	0.001	0.13	0.197	0.5	539275	SMI10000384
K-10-166	157.00	159.00	296	22	0.000	0.03	0.022	0.0	539276	SMI10000384
K-10-166	159.00	161.00	166	13	0.000	0.02	0.013	0.0	539277	SMI10000384
K-10-166	161.00	163.50	80	19	0.000	0.01	0.019	0.0	539278	SMI10000384
K-10-166	163.50	166.08	203	17	0.000	0.02	0.017	0.0	539279	SMI10000384
K-10-166	166.08	168.00	489	49	0.000	0.05	0.049	0.2	539280	SMI10000384
K-10-166	168.00	170.00	298	9	0.000	0.03	0.009	0.1	539281	SMI10000384
K-10-166	170.00	171.24	239	13	0.000	0.02	0.013	0.0	539282	SMI10000384
K-10-166	171.24	173.00	112	13	0.000	0.01	0.013	0.0	539283	SMI10000384
K-10-166	173.00	175.00	14	2	0.000	0.00	0.002	0.0	539284	SMI10000384
K-10-166	175.00	177.00	63	14	0.000	0.01	0.014	0.0	539286	SMI10000384
K-10-166	177.00	179.00	39	22	0.000	0.00	0.022	0.0	539287	SMI10000384
K-10-166	179.00	181.24	16	5	0.000	0.00	0.005	0.0	539288	SMI10000384
K-10-166	181.24	183.00	20	0	0.000	0.00	0.000	0.0	539289	SMI10000384
K-10-166	183.00	185.00	138	15	0.000	0.01	0.015	0.0	539290	SMI10000384
K-10-166	185.00	187.00	33	8	0.000	0.00	0.008	0.0	539291	SMI10000384
K-10-166	187.00	189.00	44	3	0.000	0.00	0.003	0.0	539292	SMI10000384
K-10-166	189.00	191.00	97	1	0.000	0.01	0.001	0.2	539293	SMI10000384
K-10-166	191.00	193.00	53	1	0.000	0.01	0.001	0.1	539294	SMI10000384
K-10-166	193.00	195.00	205	4	0.001	0.02	0.004	0.1	539295	SMI10000384
K-10-166	195.00	197.00	371	7	0.001	0.04	0.007	0.2	539296	SMI10000384
K-10-166	197.00	199.00	248	4	0.000	0.02	0.004	0.1	539297	SMI10000384
K-10-166	199.00	201.00	58	1	0.000	0.01	0.001	0.0	539298	SMI10000384
K-10-166	201.00	203.00	1120	14	0.006	0.11	0.014	0.4	539299	SMI10000384
K-10-166	203.00	205.00	289	12	0.002	0.03	0.012	0.4	539301	SMI10000384
K-10-166	205.00	207.00	86	9	0.001	0.01	0.009	0.0	539302	SMI10000384

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-166	207.00	209.00	54	1	0.000	0.01	0.001	0.0	539303	SMI10000384
K-10-166	209.00	211.00	132	1	0.000	0.01	0.001	0.0	539304	SMI10000384
K-10-166	211.00	213.00	4	3	0.000	0.00	0.003	0.0	539305	SMI10000384
K-10-166	213.00	215.00	2	0	0.001	0.00	0.000	0.0	539306	SMI10000384
K-10-166	215.00	217.00	5	0	0.000	0.00	0.000	0.0	539307	SMI10000384
K-10-166	217.00	218.07	60	2	0.000	0.01	0.002	0.0	539308	SMI10000384
K-10-166	218.07	220.00	168	43	0.001	0.02	0.043	0.2	539309	SMI10000384
K-10-166	220.00	222.00	130	68	0.000	0.01	0.068	0.2	539310	SMI10000384
K-10-166	222.00	224.00	192	26	0.000	0.02	0.026	0.2	539311	SMI10000384
K-10-166	224.00	226.00	552	131	0.001	0.06	0.131	0.5	539312	SMI10000384
K-10-166	226.00	228.00	606	97	0.000	0.06	0.097	0.4	539313	SMI10000384
K-10-166	228.00	230.00	215	69	0.000	0.02	0.069	0.2	539314	SMI10000384
K-10-166	230.00	232.00	290	59	0.000	0.03	0.059	0.2	539316	SMI10000384
K-10-166	232.00	234.00	270	17	0.000	0.03	0.017	0.3	539317	SMI10000384
K-10-166	234.00	236.00	338	114	0.001	0.03	0.114	0.4	539318	SMI10000384
K-10-166	236.00	238.02	302	24	0.000	0.03	0.024	0.1	539319	SMI10000384
K-10-166	238.02	240.00	225	12	0.000	0.02	0.012	0.1	539320	SMI10000384
K-10-166	240.00	242.00	314	35	0.000	0.03	0.035	0.1	539321	SMI10000384
K-10-166	242.00	244.00	451	21	0.000	0.05	0.021	0.2	539322	SMI10000384
K-10-166	244.00	246.00	305	10	0.001	0.03	0.010	0.1	539323	SMI10000384
K-10-166	246.00	248.00	356	15	0.001	0.04	0.015	0.2	539324	SMI10000384
K-10-166	248.00	250.00	304	9	0.000	0.03	0.009	0.1	539325	SMI10000384
K-10-166	250.00	252.00	313	18	0.000	0.03	0.018	0.1	539326	SMI10000384
K-10-166	252.00	254.00	229	22	0.000	0.02	0.022	0.2	539327	SMI10000384
K-10-166	254.00	256.00	274	8	0.000	0.03	0.008	0.2	539328	SMI10000384
K-10-166	256.00	258.00	141	5	0.000	0.01	0.005	0.0	539329	SMI10000384
K-10-166	258.00	260.69	289	18	0.000	0.03	0.018	0.1	539331	SMI10000384
K-10-166	260.69	263.00	226	12	0.000	0.02	0.012	0.2	539332	SMI10000384
K-10-166	263.00	265.00	169	10	0.000	0.02	0.010	0.1	539333	SMI10000384
K-10-166	265.00	267.00	244	10	0.000	0.02	0.010	0.2	539334	SMI10000384
K-10-166	267.00	269.00	266	16	0.000	0.03	0.016	0.1	539335	SMI10000384
K-10-166	269.00	271.00	181	7	0.000	0.02	0.007	0.0	539336	SMI10000384
K-10-166	271.00	273.00	315	11	0.000	0.03	0.011	0.0	539337	SMI10000384
K-10-166	273.00	275.00	344	9	0.000	0.03	0.009	0.1	539338	SMI10000384
K-10-166	275.00	277.00	164	6	0.000	0.02	0.006	0.0	539339	SMI10000384
K-10-166	277.00	279.00	305	7	0.000	0.03	0.007	0.1	539340	SMI10000384
K-10-166	279.00	281.00	323	13	0.000	0.03	0.013	0.1	539341	SMI10000384
K-10-166	281.00	283.00	243	5	0.000	0.02	0.005	0.0	539342	SMI10000384
K-10-166	283.00	285.00	299	15	0.000	0.03	0.015	0.1	539343	SMI10000384
K-10-166	285.00	287.00	88	0	0.000	0.01	0.000	0.0	539344	SMI10000384
K-10-166	287.00	289.00	154	5	0.000	0.02	0.005	0.0	539346	SMI10000384
K-10-166	289.00	291.00	1010	24	0.000	0.10	0.024	0.3	539347	SMI10000384
K-10-166	291.00	293.00	647	18	0.000	0.06	0.018	0.2	539348	SMI10000384
K-10-166	293.00	295.00	242	8	0.000	0.02	0.008	0.1	539349	SMI10000384
K-10-166	295.00	297.00	617	18	0.000	0.06	0.018	0.2	539350	SMI10000384
K-10-166	297.00	299.00	151	10	0.000	0.02	0.010	0.0	539351	SMI10000384
K-10-166	299.00	301.00	145	8	0.000	0.01	0.008	0.0	539352	SMI10000384
K-10-166	301.00	302.05	497	12	0.000	0.05	0.012	0.2	539353	SMI10000384
K-10-166	302.05	304.00	298	69	0.000	0.03	0.069	0.2	539354	SMI10000384
K-10-166	304.00	306.00	149	7	0.000	0.01	0.007	0.1	539355	SMI10000384
K-10-166	306.00	308.00	239	15	0.000	0.02	0.015	0.2	539356	SMI10000384
K-10-166	308.00	310.00	176	26	0.000	0.02	0.026	0.1	539357	SMI10000384
K-10-166	310.00	312.00	188	22	0.000	0.02	0.022	0.2	539358	SMI10000384
K-10-166	312.00	314.00	190	72	0.000	0.02	0.072	0.2	539359	SMI10000384
K-10-166	314.00	316.00	143	8	0.000	0.01	0.008	0.1	539361	SMI10000384
K-10-166	316.00	318.00	82	5	0.000	0.01	0.005	0.0	539362	SMI10000384
K-10-166	318.00	320.00	104	4	0.000	0.01	0.004	0.0	539363	SMI10000384
K-10-166	320.00	322.00	162	5	0.000	0.02	0.005	0.0	539364	SMI10000384
K-10-166	322.00	324.00	162	14	0.000	0.02	0.014	0.0	539365	SMI10000384
K-10-166	324.00	326.00	454	13	0.000	0.05	0.013	0.2	539366	SMI10000384
K-10-166	326.00	328.00	1665	66	0.001	0.17	0.066	0.5	539367	SMI10000384
K-10-166	328.00	330.00	229	10	0.003	0.02	0.010	0.1	539368	SMI10000384
K-10-166	330.00	332.00	137	4	0.000	0.01	0.004	0.1	539369	SMI10000384
K-10-166	332.00	334.00	297	16	0.000	0.03	0.016	0.2	539370	SMI10000384

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-166	334.00	336.36	277	20	0.000	0.03	0.020	0.1	539371	SMI10000384
K-10-166	336.36	338.00	1196	53	0.000	0.12	0.053	0.4	539372	SMI10000384
K-10-166	338.00	340.70	438	38	0.001	0.04	0.038	0.3	539373	SMI10000384
K-10-166	340.70	343.00	1340	146	0.000	0.13	0.146	1.1	539374	SMI10000384
K-10-166	343.00	345.00	1136	201	0.001	0.11	0.201	0.8	539376	SMI10000384
K-10-166	345.00	347.00	269	18	0.001	0.03	0.018	0.1	539377	SMI10000384
K-10-166	347.00	349.00	1161	69	0.005	0.12	0.069	1.1	539378	SMI10000384
K-10-166	349.00	351.00	91	6	0.000	0.01	0.006	0.0	539379	SMI10000384
K-10-166	351.00	353.00	97	6	0.000	0.01	0.006	0.0	539380	SMI10000384
K-10-166	353.00	355.00	119	12	0.000	0.01	0.012	0.1	539381	SMI10000384
K-10-166	355.00	357.00	149	18	0.001	0.01	0.018	0.2	539382	SMI10000384
K-10-166	357.00	359.67	79	20	0.001	0.01	0.020	0.0	539383	SMI10000384
K-10-166	359.67	362.00	61	1	0.000	0.01	0.001	0.0	539384	SMI10000384
K-10-166	362.00	364.00	61	27	0.000	0.01	0.027	0.2	539385	SMI10000384
K-10-166	364.00	366.00	41	10	0.000	0.00	0.010	0.0	539386	SMI10000384
K-10-166	366.00	368.00	41	6	0.000	0.00	0.006	0.0	539387	SMI10000384
K-10-166	368.00	370.00	36	26	0.001	0.00	0.026	0.2	539388	SMI10000384
K-10-166	370.00	372.00	74	183	0.002	0.01	0.183	1.0	539389	SMI10000384
K-10-166	372.00	374.00	74	13	0.001	0.01	0.013	0.0	539391	SMI10000384
K-10-166	374.00	376.00	112	7	0.001	0.01	0.007	0.0	539392	SMI10000384
K-10-166	376.00	378.00	149	6	0.005	0.01	0.006	0.0	539393	SMI10000384
K-10-166	378.00	379.58	64	5	0.003	0.01	0.005	0.0	539394	SMI10000384
K-10-166	379.58	382.00	67	3	0.001	0.01	0.003	0.0	539395	SMI10000384
K-10-166	382.00	384.00	88	3	0.001	0.01	0.003	0.0	539396	SMI10000384
K-10-166	384.00	386.00	235	13	0.000	0.02	0.013	0.2	539397	SMI10000384
K-10-166	386.00	388.00	300	13	0.001	0.03	0.013	0.2	539398	SMI10000384
K-10-166	388.00	390.00	797	34	0.001	0.08	0.034	0.6	539399	SMI10000384
K-10-166	390.00	392.96	330	29	0.001	0.03	0.029	0.3	539400	SMI10000384
K-10-166	392.96	395.00	98	5	0.000	0.01	0.005	0.0	539401	SMI10000384
K-10-166	395.00	397.50	172	4	0.000	0.02	0.004	0.1	539402	SMI10000384
K-10-166	397.50	399.00	208	2	0.000	0.02	0.002	0.1	539403	SMI10000384
K-10-166	399.00	401.00	249	3	0.000	0.02	0.003	0.2	539404	SMI10000384
K-10-166	401.00	402.12	338	2	0.000	0.03	0.002	0.2	539406	SMI10000384
K-10-166	402.12	404.00	53	1	0.000	0.01	0.001	0.0	539407	SMI10000384
K-10-166	404.00	406.00	388	4	0.001	0.04	0.004	0.3	539408	SMI10000384
K-10-166	406.00	408.00	328	15	0.006	0.03	0.015	0.3	539409	SMI10000384
K-10-166	408.00	410.00	85	2	0.002	0.01	0.002	0.0	539410	SMI10000384
K-10-166	410.00	412.00	116	11	0.007	0.01	0.011	0.1	539411	SMI10000384
K-10-166	412.00	414.00	37	2	0.000	0.00	0.002	0.0	539412	SMI10000384
K-10-166	414.00	416.00	105	2	0.002	0.01	0.002	0.0	539413	SMI10000384
K-10-166	416.00	418.00	195	3	0.002	0.02	0.003	0.1	539414	SMI10000384
K-10-166	418.00	420.00	49	1	0.000	0.00	0.001	0.0	539415	SMI10000384
K-10-166	420.00	422.00	23	0	0.000	0.00	0.000	0.0	539416	SMI10000384
K-10-166	422.00	424.00	51	1	0.000	0.01	0.001	0.0	539417	SMI10000384
K-10-166	424.00	426.00	79	1	0.001	0.01	0.001	0.0	539418	SMI10000384
K-10-166	426.00	428.00	35	2	0.002	0.00	0.002	0.0	539419	SMI10000384
K-10-166	428.00	430.00	35	5	0.000	0.00	0.005	0.0	539421	SMI10000384
K-10-166	430.00	432.00	30	2	0.000	0.00	0.002	0.0	539422	SMI10000384
K-10-166	432.00	434.00	32	1	0.000	0.00	0.001	0.0	539423	SMI10000384
K-10-166	434.00	436.00	61	1	0.000	0.01	0.001	0.0	539424	SMI10000384
K-10-166	436.00	438.00	93	3	0.000	0.01	0.003	0.0	539425	SMI10000384
K-10-166	438.00	439.27	74	1	0.000	0.01	0.001	0.0	539426	SMI10000384
K-10-166	439.27	441.00	83	0	0.000	0.01	0.000	0.0	539427	SMI10000384
K-10-166	441.00	443.00	95	0	0.000	0.01	0.000	0.0	539428	SMI10000384
K-10-166	443.00	445.67	66	1	0.000	0.01	0.001	0.0	539429	SMI10000384
K-10-166	445.67	448.00	19	0	0.000	0.00	0.000	0.0	539430	SMI10000384
K-10-166	448.00	450.00	36	1	0.000	0.00	0.001	0.0	539431	SMI10000384
K-10-166	450.00	452.00	21	2	0.000	0.00	0.002	0.0	539432	SMI10000384
K-10-166	452.00	454.00	36	1	0.000	0.00	0.001	0.0	539433	SMI10000384
K-10-166	454.00	456.00	33	0	0.000	0.00	0.000	0.0	539434	SMI10000384
K-10-166	456.00	458.00	29	0	0.000	0.00	0.000	0.0	539436	SMI10000384
K-10-166	458.00	460.00	51	1	0.000	0.01	0.001	0.0	539437	SMI10000384
K-10-166	460.00	461.80	21	1	0.000	0.00	0.001	0.0	539438	SMI10000384
K-10-166	461.80	464.00	21	0	0.000	0.00	0.000	0.0	539439	SMI10000384

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-166	464.00	466.00	50	1	0.000	0.00	0.001	0.0	539440	SMI10000384
K-10-166	466.00	468.00	33	2	0.000	0.00	0.002	0.0	539441	SMI10000384
K-10-166	468.00	469.47	25	1	0.001	0.00	0.001	0.0	539442	SMI10000384
K-10-166	469.47	472.00	64	1	0.000	0.01	0.001	0.0	539443	SMI10000384
K-10-166	472.00	474.00	53	2	0.000	0.01	0.002	0.0	539444	SMI10000384
K-10-166	474.00	476.00	37	1	0.000	0.00	0.001	0.0	539445	SMI10000384
K-10-166	476.00	478.00	34	0	0.000	0.00	0.000	0.0	539446	SMI10000384
K-10-166	478.00	480.00	29	0	0.000	0.00	0.000	0.0	539447	SMI10000384
K-10-166	480.00	482.00	29	1	0.000	0.00	0.001	0.0	539448	SMI10000384
K-10-166	482.00	484.00	129	3	0.000	0.01	0.003	0.0	539449	SMI10000384
K-10-166	484.00	486.00	16	1	0.000	0.00	0.001	0.0	539451	SMI10000384
K-10-166	486.00	488.00	13	1	0.000	0.00	0.001	0.0	539452	SMI10000384
K-10-166	488.00	490.00	46	3	0.000	0.00	0.003	0.0	539453	SMI10000384
K-10-166	490.00	491.70	72	3	0.000	0.01	0.003	0.0	539454	SMI10000384
K-10-166	491.70	494.00	54	22	0.011	0.01	0.022	1.4	539455	SMI10000384
K-10-166	494.00	496.00	136	34	0.002	0.01	0.034	2.3	539456	SMI10000384
K-10-166	496.00	498.00	32	8	0.000	0.00	0.008	0.0	539457	SMI10000384
K-10-166	498.00	500.00	21	12	0.000	0.00	0.012	0.0	539458	SMI10000384
K-10-166	500.00	502.00	39	19	0.000	0.00	0.019	0.1	539459	SMI10000384
K-10-166	502.00	504.00	17	7	0.000	0.00	0.007	0.0	539460	SMI10000384
K-10-166	504.00	505.05	16	1	0.000	0.00	0.001	0.0	539461	SMI10000384
K-10-167	37.40	38.40	263	1	0.000	0.03	0.001	0.1	537266	SMI10000385
K-10-167	38.40	41.45	102	2	0.000	0.01	0.002	0.0	537267	SMI10000385
K-10-167	41.45	43.00	37	0	0.000	0.00	0.000	0.0	537268	SMI10000385
K-10-167	43.00	45.00	15	0	0.000	0.00	0.000	0.0	537269	SMI10000385
K-10-167	45.00	47.00	128	1	0.000	0.01	0.001	0.0	537270	SMI10000385
K-10-167	47.00	49.00	144	4	0.000	0.01	0.004	0.1	537271	SMI10000385
K-10-167	49.00	51.00	39	1	0.000	0.00	0.001	0.0	537272	SMI10000385
K-10-167	51.00	53.00	62	1	0.000	0.01	0.001	0.0	537273	SMI10000385
K-10-167	53.00	55.00	86	1	0.000	0.01	0.001	0.0	537274	SMI10000385
K-10-167	55.00	57.00	60	0	0.000	0.01	0.000	0.1	537275	SMI10000385
K-10-167	57.00	59.00	72	1	0.001	0.01	0.001	0.0	537276	SMI10000385
K-10-167	59.00	61.00	11	1	0.000	0.00	0.001	0.0	537277	SMI10000385
K-10-167	61.00	63.00	12	1	0.000	0.00	0.001	0.0	537278	SMI10000385
K-10-167	63.00	65.00	109	2	0.000	0.01	0.002	0.0	537279	SMI10000385
K-10-167	65.00	67.00	67	1	0.000	0.01	0.001	0.1	537281	SMI10000385
K-10-167	67.00	69.00	86	1	0.000	0.01	0.001	0.0	537282	SMI10000385
K-10-167	69.00	71.00	44	2	0.000	0.00	0.002	0.0	537283	SMI10000385
K-10-167	71.00	73.00	28	2	0.000	0.00	0.002	0.0	537284	SMI10000385
K-10-167	73.00	75.00	96	17	0.000	0.01	0.017	0.0	537285	SMI10000385
K-10-167	75.00	77.00	194	3	0.002	0.02	0.003	0.2	537286	SMI10000385
K-10-167	77.00	79.00	181	2	0.000	0.02	0.002	0.1	537287	SMI10000385
K-10-167	79.00	81.00	101	2	0.000	0.01	0.002	0.1	537288	SMI10000385
K-10-167	81.00	83.00	144	9	0.001	0.01	0.009	0.2	537289	SMI10000385
K-10-167	83.00	85.10	102	2	0.000	0.01	0.002	0.4	537290	SMI10000385
K-10-167	85.10	87.00	100	2	0.000	0.01	0.002	0.0	537291	SMI10000385
K-10-167	87.00	89.00	86	1	0.000	0.01	0.001	0.0	537292	SMI10000385
K-10-167	89.00	91.80	58	1	0.000	0.01	0.001	0.0	537293	SMI10000385
K-10-167	91.80	93.00	172	4	0.001	0.02	0.004	0.0	537294	SMI10000385
K-10-167	93.00	95.00	148	1	0.001	0.01	0.001	0.2	537296	SMI10000385
K-10-167	95.00	97.25	43	1	0.000	0.00	0.001	0.0	537297	SMI10000385
K-10-167	97.25	99.36	190	4	0.000	0.02	0.004	0.2	537298	SMI10000385
K-10-167	99.36	101.00	107	3	0.000	0.01	0.003	0.1	537299	SMI10000385
K-10-167	101.00	103.00	130	3	0.000	0.01	0.003	0.2	537300	SMI10000385
K-10-167	103.00	105.00	946	6	0.001	0.09	0.006	0.7	537301	SMI10000385
K-10-167	105.00	107.00	128	1	0.000	0.01	0.001	0.1	537302	SMI10000385
K-10-167	107.00	109.00	134	1	0.000	0.01	0.001	0.1	537303	SMI10000385
K-10-167	109.00	111.00	208	4	0.000	0.02	0.004	0.5	537304	SMI10000385
K-10-167	111.00	112.90	338	13	0.000	0.03	0.013	0.3	537305	SMI10000385
K-10-167	112.90	114.00	251	8	0.000	0.03	0.008	0.2	537306	SMI10000385
K-10-167	114.00	116.00	243	11	0.000	0.02	0.011	0.2	537307	SMI10000385
K-10-167	116.00	118.00	674	19	0.003	0.07	0.019	0.5	537308	SMI10000385
K-10-167	118.00	120.00	445	15	0.002	0.04	0.015	0.4	537309	SMI10000385
K-10-167	120.00	122.00	517	16	0.003	0.05	0.016	0.5	537311	SMI10000385

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-167	122.00	124.00	221	4	0.002	0.02	0.004	0.2	537312	SMI10000385
K-10-167	124.00	126.00	240	11	0.002	0.02	0.011	0.3	537313	SMI10000385
K-10-167	126.00	128.00	151	3	0.003	0.02	0.003	0.3	537314	SMI10000385
K-10-167	128.00	130.00	417	7	0.004	0.04	0.007	0.4	537315	SMI10000385
K-10-167	130.00	132.00	304	9	0.001	0.03	0.009	0.3	537316	SMI10000385
K-10-167	132.00	134.00	243	9	0.001	0.02	0.009	0.3	537317	SMI10000385
K-10-167	134.00	136.00	86	2	0.000	0.01	0.002	0.0	537318	SMI10000385
K-10-167	136.00	137.20	171	3	0.000	0.02	0.003	0.2	537319	SMI10000385
K-10-167	137.20	139.00	236	2	0.000	0.02	0.002	0.3	537320	SMI10000385
K-10-167	139.00	141.00	139	2	0.000	0.01	0.002	0.4	537321	SMI10000385
K-10-167	141.00	143.00	135	6	0.000	0.01	0.006	0.2	537322	SMI10000385
K-10-167	143.00	145.00	103	14	0.001	0.01	0.014	0.1	537323	SMI10000385
K-10-167	145.00	147.00	75	2	0.000	0.01	0.002	0.1	537324	SMI10000385
K-10-167	147.00	149.00	128	3	0.001	0.01	0.003	0.1	537326	SMI10000385
K-10-167	149.00	151.00	208	15	0.017	0.02	0.015	0.3	537327	SMI10000385
K-10-167	151.00	153.00	593	10	0.008	0.06	0.010	0.5	537328	SMI10000385
K-10-167	153.00	155.00	193	5	0.000	0.02	0.005	0.3	537329	SMI10000385
K-10-167	155.00	157.00	75	2	0.008	0.01	0.002	0.0	537330	SMI10000385
K-10-167	157.00	159.00	208	3	0.001	0.02	0.003	0.2	537331	SMI10000385
K-10-167	159.00	161.00	405	3	0.000	0.04	0.003	0.4	537332	SMI10000385
K-10-167	161.00	163.00	107	0	0.000	0.01	0.000	0.8	537333	SMI10000385
K-10-167	163.00	165.00	89	1	0.001	0.01	0.001	0.2	537334	SMI10000385
K-10-167	165.00	167.00	62	1	0.000	0.01	0.001	0.0	537335	SMI10000385
K-10-167	167.00	169.00	177	4	0.000	0.02	0.004	0.1	537336	SMI10000385
K-10-167	169.00	171.00	301	4	0.002	0.03	0.004	0.3	537337	SMI10000385
K-10-167	171.00	173.00	142	2	0.000	0.01	0.002	0.2	537338	SMI10000385
K-10-167	173.00	175.00	573	15	0.002	0.06	0.015	0.6	537339	SMI10000385
K-10-167	175.00	177.00	247	16	0.001	0.02	0.016	0.2	537341	SMI10000385
K-10-167	177.00	179.00	286	12	0.000	0.03	0.012	0.3	537342	SMI10000385
K-10-167	179.00	181.00	153	7	0.000	0.02	0.007	0.1	537343	SMI10000385
K-10-167	181.00	183.00	492	16	0.001	0.05	0.016	0.3	537344	SMI10000385
K-10-167	183.00	185.00	78	3	0.000	0.01	0.003	0.1	537345	SMI10000385
K-10-167	185.00	187.00	45	0	0.000	0.00	0.000	0.0	537346	SMI10000385
K-10-167	187.00	189.00	158	3	0.000	0.02	0.003	0.1	537347	SMI10000385
K-10-167	189.00	191.00	316	14	0.002	0.03	0.014	0.3	537348	SMI10000385
K-10-167	191.00	193.00	300	5	0.000	0.03	0.005	0.2	537349	SMI10000385
K-10-167	193.00	195.00	141	1	0.000	0.01	0.001	0.3	537350	SMI10000385
K-10-167	195.00	197.00	76	2	0.000	0.01	0.002	0.4	537351	SMI10000385
K-10-167	197.00	199.00	123	1	0.000	0.01	0.001	0.6	537352	SMI10000385
K-10-167	199.00	201.00	336	4	0.001	0.03	0.004	0.4	537353	SMI10000385
K-10-167	201.00	203.00	391	10	0.001	0.04	0.010	0.3	537354	SMI10000385
K-10-167	203.00	205.30	1684	64	0.004	0.17	0.064	1.0	537356	SMI10000385
K-10-167	205.30	207.00	199	3	0.002	0.02	0.003	0.2	537357	SMI10000385
K-10-167	207.00	209.00	206	6	0.001	0.02	0.006	0.2	537358	SMI10000385
K-10-167	209.00	211.00	862	35	0.001	0.09	0.035	0.6	537359	SMI10000385
K-10-167	211.00	213.00	1393	36	0.004	0.14	0.036	0.9	537360	SMI10000385
K-10-167	213.00	215.00	408	16	0.003	0.04	0.016	0.7	537361	SMI10000385
K-10-167	215.00	217.00	425	15	0.000	0.04	0.015	0.4	537362	SMI10000385
K-10-167	217.00	219.00	281	11	0.004	0.03	0.011	0.2	537363	SMI10000385
K-10-167	219.00	221.00	213	4	0.001	0.02	0.004	0.2	537364	SMI10000385
K-10-167	221.00	223.00	241	3	0.002	0.02	0.003	0.2	537365	SMI10000385
K-10-167	223.00	225.00	406	5	0.003	0.04	0.005	0.4	537366	SMI10000385
K-10-167	225.00	227.00	284	4	0.003	0.03	0.004	0.4	537367	SMI10000385
K-10-167	227.00	229.00	124	1	0.000	0.01	0.001	0.2	537368	SMI10000385
K-10-167	229.00	231.00	258	5	0.001	0.03	0.005	0.2	537369	SMI10000385
K-10-167	231.00	233.00	193	10	0.003	0.02	0.010	0.2	537371	SMI10000385
K-10-167	233.00	235.00	735	12	0.001	0.07	0.012	0.5	537372	SMI10000385
K-10-167	235.00	237.00	325	5	0.000	0.03	0.005	0.3	537373	SMI10000385
K-10-167	237.00	239.00	323	4	0.001	0.03	0.004	0.4	537374	SMI10000385
K-10-167	239.00	241.00	744	12	0.002	0.07	0.012	0.8	537375	SMI10000385
K-10-167	241.00	243.00	1251	23	0.002	0.13	0.023	0.9	537376	SMI10000385
K-10-167	243.00	245.00	2480	28	0.005	0.25	0.028	1.8	537377	SMI10000385
K-10-167	245.00	247.00	793	14	0.002	0.08	0.014	0.7	537378	SMI10000385
K-10-167	247.00	249.90	405	7	0.001	0.04	0.007	0.3	537379	SMI10000385

HoleID	Depth From	Depth To	Cu (ppm)	Au (ppb)	Mo(%)	Cu (%)	Au (g/t)	Ag (ppm)	Sample#	Assay Cert
K-10-167	249.90	252.00	78	1	0.000	0.01	0.001	0.1	537380	SMI10000385
K-10-167	252.00	254.00	62	0	0.000	0.01	0.000	0.1	537381	SMI10000385
K-10-167	254.00	256.00	38	0	0.000	0.00	0.000	0.1	537382	SMI10000385
K-10-167	256.00	258.00	98	0	0.000	0.01	0.000	0.2	537383	SMI10000385
K-10-167	258.00	260.00	74	0	0.000	0.01	0.000	0.0	537384	SMI10000385
K-10-167	260.00	261.90	96	1	0.000	0.01	0.001	0.1	537386	SMI10000385
K-10-167	261.90	264.00	265	2	0.001	0.03	0.002	0.2	537387	SMI10000385
K-10-167	264.00	266.00	235	9	0.000	0.02	0.009	0.2	537388	SMI10000385
K-10-167	266.00	268.00	357	18	0.002	0.04	0.018	0.4	537389	SMI10000385
K-10-167	268.00	270.05	335	4	0.001	0.03	0.004	0.3	537390	SMI10000385
K-10-168	36.50	38.00	318	2	0.000	0.03	0.002	0.1	539462	SMI10000386
K-10-168	38.00	40.00	113	2	0.000	0.01	0.002	0.0	539463	SMI10000386
K-10-168	40.00	42.28	72	2	0.000	0.01	0.002	0.0	539464	SMI10000386
K-10-168	42.28	44.00	107	7	0.000	0.01	0.007	0.1	539466	SMI10000386
K-10-168	44.00	46.00	333	6	0.000	0.03	0.006	1.5	539467	SMI10000386
K-10-168	46.00	47.90	86	4	0.000	0.01	0.004	0.8	539468	SMI10000386
K-10-168	47.90	50.00	27	1	0.000	0.00	0.001	0.0	539469	SMI10000386
K-10-168	50.00	52.00	307	7	0.000	0.03	0.007	0.2	539470	SMI10000386
K-10-168	52.00	54.00	64	1	0.000	0.01	0.001	0.0	539471	SMI10000386
K-10-168	54.00	56.00	113	1	0.000	0.01	0.001	0.4	539472	SMI10000386
K-10-168	56.00	58.00	202	4	0.001	0.02	0.004	0.1	539473	SMI10000386
K-10-168	58.00	60.00	225	2	0.000	0.02	0.002	0.2	539474	SMI10000386
K-10-168	60.00	62.00	31	0	0.000	0.00	0.000	0.0	539475	SMI10000386
K-10-168	62.00	64.00	32	1	0.000	0.00	0.001	0.0	539476	SMI10000386
K-10-168	64.00	66.00	150	3	0.000	0.02	0.003	0.1	539477	SMI10000386
K-10-168	66.00	67.55	808	23	0.000	0.08	0.023	0.6	539478	SMI10000386
K-10-168	67.55	70.00	519	14	0.001	0.05	0.014	0.5	539479	SMI10000386
K-10-168	70.00	72.00	986	20	0.003	0.10	0.020	0.8	539481	SMI10000386
K-10-168	72.00	74.00	843	28	0.001	0.08	0.028	1.0	539482	SMI10000386
K-10-168	74.00	76.00	273	8	0.000	0.03	0.008	0.1	539483	SMI10000386
K-10-168	76.00	78.00	363	15	0.000	0.04	0.015	0.2	539484	SMI10000386
K-10-168	78.00	80.00	234	6	0.000	0.02	0.006	0.2	539485	SMI10000386
K-10-168	80.00	82.00	333	5	0.002	0.03	0.005	0.3	539486	SMI10000386
K-10-168	82.00	84.00	160	1	0.000	0.02	0.001	0.1	539487	SMI10000386
K-10-168	84.00	86.00	132	2	0.000	0.01	0.002	0.1	539488	SMI10000386
K-10-168	86.00	88.00	698	5	0.001	0.07	0.005	0.5	539489	SMI10000386
K-10-168	88.00	90.00	688	8	0.000	0.07	0.008	0.5	539490	SMI10000386
K-10-168	90.00	92.00	510	8	0.001	0.05	0.008	0.4	539491	SMI10000386
K-10-168	92.00	94.00	423	4	0.001	0.04	0.004	0.4	539492	SMI10000386
K-10-168	94.00	96.00	741	26	0.000	0.07	0.026	0.4	539493	SMI10000386
K-10-168	96.00	98.00	1121	25	0.001	0.11	0.025	0.5	539494	SMI10000386
K-10-168	98.00	99.67	541	8	0.002	0.05	0.008	0.4	539496	SMI10000386

Appendix E – Analytical Certificates



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: July 02, 2010
Report Date: July 26, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI10000212.1

CLIENT JOB INFORMATION

Project: Kwanika - 143B
Shipment ID: 2010-02
P.O. Number
Number of Samples: 22

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-250, 1DX2, G601, and 7AR.

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 143B
 Report Date: July 26, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

SMI10000212.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
15536	Drill Core	3.64	8.1	708.1	6.3	48	0.6	2.7	8.4	614	2.81	7.4	1.8	29.7	5.4	198	<0.1	0.4	0.2	51	1.95
15537	Drill Core	3.54	8.3	346.8	5.3	56	0.3	2.5	12.0	586	2.96	5.4	1.8	16.0	5.7	186	<0.1	0.7	0.2	50	1.76
15538	Drill Core	3.93	3.4	241.8	4.3	51	0.3	2.5	7.5	515	3.09	6.0	2.0	28.6	5.9	230	<0.1	0.3	0.2	51	1.80
15539	Drill Core	4.13	8.0	594.0	11.9	87	1.0	2.6	14.1	789	3.37	9.8	1.9	19.0	5.2	173	0.1	0.3	0.5	49	2.08
15540	Drill Core	4.15	2.2	117.3	7.2	58	0.3	1.8	6.3	515	2.69	6.4	1.1	33.9	2.6	158	<0.1	0.4	0.3	43	1.62
15541	Drill Core	4.06	2.7	173.0	3.3	38	0.3	1.6	9.2	557	2.94	7.0	1.1	14.1	2.2	159	<0.1	0.2	0.3	40	2.01
15542	Drill Core	4.65	1.8	224.8	3.2	41	0.4	1.7	7.0	460	2.44	6.2	1.0	21.5	2.6	153	<0.1	<0.1	0.3	41	1.37
15543	Drill Core	3.71	13.6	750.0	8.4	56	0.8	2.4	18.5	541	2.94	180.5	46.6	30.6	3.3	121	0.2	0.2	0.4	48	2.97
15544	Drill Core	4.54	14.7	525.0	10.7	35	0.5	2.3	11.5	328	2.13	13.7	2.2	21.2	5.6	152	0.2	0.1	0.4	37	1.57
15545	Rock Pulp	0.11	7.6	6323	24.3	102	2.3	16.3	8.6	886	5.76	27.7	0.6	638.5	1.6	64	0.7	28.3	0.9	39	1.73
15546	Drill Core	3.21	3.9	817.4	26.3	81	0.7	1.8	7.1	464	2.33	54.6	1.9	15.7	4.0	115	0.4	0.2	0.7	44	2.13
15547	Drill Core	4.41	12.4	458.9	6.5	44	0.4	1.8	9.0	438	2.40	50.3	5.1	25.1	4.6	93	<0.1	0.2	0.2	40	1.82
15548	Drill Core	3.77	65.7	1182	5.8	55	0.8	2.3	7.3	493	2.12	19.8	2.3	34.8	5.6	149	0.2	0.3	0.2	40	2.00
15549	Drill Core	4.30	7.5	631.0	7.3	52	0.5	1.7	7.0	491	2.33	9.8	2.8	27.6	5.8	156	0.2	0.2	0.3	45	2.05
15550	Drill Core	4.28	3.3	694.5	5.3	38	0.6	2.8	12.5	415	3.10	14.3	1.9	33.3	5.0	134	0.2	0.1	0.2	41	1.84
15551	Drill Core	3.66	4.7	315.1	18.4	37	0.3	1.9	7.3	328	1.99	5.5	3.1	11.6	5.1	88	<0.1	0.1	0.3	39	1.34
15552	Drill Core	4.09	5.9	197.6	3.0	44	0.2	2.4	8.0	404	2.76	6.0	2.2	6.9	5.1	119	<0.1	<0.1	0.2	50	1.34
15553	Drill Core	3.90	7.7	352.4	5.8	37	0.3	1.8	9.2	457	2.40	6.2	1.3	17.1	4.5	161	<0.1	<0.1	0.3	38	1.84
15554	Drill Core	3.83	7.4	1177	4.2	38	1.1	2.1	11.1	338	3.23	7.0	2.0	46.4	4.9	119	0.2	<0.1	0.7	38	1.51
15555	Drill Core	4.27	3.3	1081	5.2	34	0.6	2.3	6.5	420	2.44	15.8	1.8	33.3	5.3	231	0.1	0.3	0.1	65	2.14
15556	Drill Core	4.81	2.7	270.6	33.7	31	0.4	2.1	5.9	376	2.28	8.5	2.2	15.2	5.8	185	<0.1	0.1	0.5	52	1.59
15557	Drill Core	6.20	3.7	516.3	4.9	29	0.3	1.7	6.2	338	2.04	24.2	2.2	15.2	5.8	236	<0.1	0.1	<0.1	49	1.48



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 143B
 Report Date: July 26, 2010

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

SMI10000212.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	7AR
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	%	
MDL	0.001	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	0.005	0.001	
15536	Drill Core	0.073	15	9	0.89	75	0.016	4	0.82	0.085	0.19	0.2	<0.01	3.6	<0.1	0.78	8	1.2	<0.2		
15537	Drill Core	0.076	15	2	0.75	60	0.014	4	0.86	0.082	0.16	0.2	0.01	3.5	<0.1	0.82	7	1.2	<0.2		
15538	Drill Core	0.073	13	8	0.69	84	0.015	5	0.95	0.106	0.18	0.1	<0.01	3.3	<0.1	0.67	7	0.7	<0.2		
15539	Drill Core	0.068	12	3	0.77	53	0.013	3	0.77	0.074	0.17	0.2	<0.01	3.4	<0.1	1.68	6	1.5	<0.2		
15540	Drill Core	0.084	13	8	0.49	48	0.006	3	0.69	0.113	0.14	0.1	<0.01	2.9	<0.1	1.25	5	0.8	<0.2		
15541	Drill Core	0.085	12	3	0.69	80	0.005	3	0.48	0.073	0.12	0.1	<0.01	2.8	<0.1	1.45	4	1.3	<0.2		
15542	Drill Core	0.081	13	7	0.48	60	0.006	4	0.53	0.114	0.14	0.1	0.02	3.0	<0.1	0.97	4	<0.5	<0.2		
15543	Drill Core	0.043	6	2	1.05	64	0.002	5	0.30	0.067	0.10	0.3	0.05	3.3	<0.1	1.83	2	1.9	<0.2		
15544	Drill Core	0.063	10	6	0.47	63	0.004	5	0.46	0.116	0.14	0.1	<0.01	3.8	<0.1	1.08	3	1.1	0.3		
15545	Rock Pulp	0.056	3	31	0.84	53	0.037	3	0.61	0.043	0.26	1.4	2.23	2.6	0.3	2.23	3	9.2	0.4	0.822	0.680
15546	Drill Core	0.049	8	3	0.73	103	0.002	4	0.25	0.058	0.11	<0.1	<0.01	3.0	<0.1	0.85	2	0.8	0.2		
15547	Drill Core	0.047	8	5	0.61	103	0.003	5	0.38	0.078	0.15	0.1	<0.01	3.2	<0.1	1.11	3	0.9	<0.2		
15548	Drill Core	0.058	12	4	0.56	98	0.003	4	0.36	0.068	0.12	0.2	0.01	2.9	<0.1	0.79	3	1.0	<0.2		
15549	Drill Core	0.057	15	7	0.58	82	0.004	5	0.44	0.094	0.15	0.2	<0.01	3.1	<0.1	0.74	4	0.6	<0.2		
15550	Drill Core	0.058	14	2	0.65	49	0.003	2	0.33	0.064	0.12	0.1	<0.01	3.0	<0.1	2.10	3	1.7	<0.2		
15551	Drill Core	0.066	9	7	0.53	38	0.010	5	0.60	0.117	0.13	0.2	<0.01	2.5	<0.1	0.94	5	0.6	<0.2		
15552	Drill Core	0.071	12	3	0.65	35	0.008	4	0.65	0.085	0.10	0.2	<0.01	3.1	<0.1	1.20	6	0.6	<0.2		
15553	Drill Core	0.057	9	5	0.58	43	0.005	3	0.53	0.095	0.14	0.2	<0.01	2.7	<0.1	1.16	4	0.7	<0.2		
15554	Drill Core	0.059	13	3	0.60	39	0.006	3	0.43	0.068	0.10	0.2	0.02	2.6	<0.1	2.43	4	1.4	0.6		
15555	Drill Core	0.067	14	5	0.62	72	0.009	12	0.70	0.121	0.15	0.1	<0.01	3.0	<0.1	0.37	6	<0.5	<0.2		
15556	Drill Core	0.069	12	3	0.66	50	0.008	6	0.63	0.107	0.10	0.1	<0.01	2.9	<0.1	0.46	5	<0.5	<0.2		
15557	Drill Core	0.063	13	5	0.52	64	0.004	5	0.46	0.114	0.14	0.1	0.02	3.7	<0.1	0.21	3	<0.5	<0.2		



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 143B
 Report Date: July 26, 2010

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

SMI10000212.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
15549	Drill Core	4.30	7.5	631.0	7.3	52	0.5	1.7	7.0	491	2.33	9.8	2.8	27.6	5.8	156	0.2	0.2	0.3	45	2.05
REP 15549	QC		6.9	594.3	6.8	49	0.5	1.6	6.5	463	2.23	9.0	2.7	22.0	5.4	143	0.1	0.1	0.3	42	1.95
Reference Materials																					
STD DS7	Standard		18.3	110.4	66.3	381	0.9	52.5	8.4	574	2.28	50.6	4.7	66.9	4.3	72	6.4	5.9	5.0	79	0.91
STD DS7	Standard		20.7	116.5	68.4	415	1.0	54.3	9.2	629	2.42	55.1	4.9	76.4	4.5	75	6.8	6.5	5.0	85	0.99
STD DS7	Standard		20.6	107.0	72.2	410	1.1	56.9	9.9	630	2.52	55.4	5.2	83.7	4.7	74	6.8	6.0	5.0	83	0.97
STD DS7	Standard		20.8	113.0	72.0	417	1.0	56.6	10.0	679	2.61	55.4	5.2	65.7	4.8	77	6.9	6.2	5.0	85	1.03
STD OXH66	Standard																				
STD OXK79	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
STD OXH66 Expected																					
STD OXK79 Expected																					
STD R4A Expected																					
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.4	21.2	13.0	60	<0.1	3.8	4.7	622	2.26	0.8	2.4	3.6	7.3	77	0.2	4.8	<0.1	41	0.65
G1	Prep Blank		0.5	33.4	5.0	50	<0.1	3.9	4.5	613	2.20	0.7	2.6	5.9	7.9	74	<0.1	0.5	<0.1	40	0.63



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 143B
 Report Date: July 26, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

SMI10000212.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	7AR
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	%	
MDL	0.001	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	0.005	0.001	
Pulp Duplicates																					
15549	Drill Core	0.057	15	7	0.58	82	0.004	5	0.44	0.094	0.15	0.2	<0.01	3.1	<0.1	0.74	4	0.6	<0.2		
REP 15549	QC	0.055	13	7	0.55	75	0.004	3	0.41	0.089	0.14	0.2	<0.01	2.8	<0.1	0.70	3	0.6	<0.2		
Reference Materials																					
STD DS7	Standard	0.073	12	175	0.99	382	0.120	38	0.96	0.089	0.44	3.6	0.21	2.2	4.1	0.19	4	3.0	0.8		
STD DS7	Standard	0.079	14	192	1.07	434	0.132	37	1.05	0.097	0.48	3.9	0.23	2.5	4.4	0.20	5	3.6	1.0		
STD DS7	Standard	0.083	13	190	1.08	435	0.120	43	1.03	0.089	0.49	4.3	0.24	2.5	4.3	0.21	5	3.9	1.0		
STD DS7	Standard	0.082	13	205	1.12	432	0.126	45	1.06	0.095	0.50	4.4	0.24	2.7	4.3	0.21	5	3.9	1.2		
STD OXH66	Standard																			1.210	
STD OXK79	Standard																			3.505	
STD R4A	Standard																			0.506	
STD R4A	Standard																			0.513	
STD DS7 Expected		0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08		
STD OXH66 Expected																				1.285	
STD OXK79 Expected																				3.532	
STD R4A Expected																				0.502	
BLK	Blank	<0.001	<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	<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																			<0.005	
BLK	Blank																			<0.005	
BLK	Blank																			<0.001	
Prep Wash																					
G1	Prep Blank	0.087	17	29	0.57	195	0.139	<1	1.07	0.114	0.55	0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.085	16	26	0.56	197	0.133	<1	1.03	0.099	0.54	0.1	<0.01	2.2	0.4	0.08	5	<0.5	<0.2		



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: July 02, 2010
Report Date: July 30, 2010
Page: 1 of 7

CERTIFICATE OF ANALYSIS

SMI10000215.1

CLIENT JOB INFORMATION

Project: Kwanika - 146A
Shipment ID: 2010-02
P.O. Number
Number of Samples: 161

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
7AR	47	1:1:1 Aqua Regia Digestion ICP-ES Finish	1	Completed	VAN
R200-250	156	Crush split and pulverize 250g drill core to 200 mesh			SMI
1DX2	161	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G601	15	Fire Assay fusion Au by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 2 of 7 Part 1

CERTIFICATE OF ANALYSIS

SMI10000215.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V		
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1		
15790	Drill Core		1.31	5.8	332.0	5.1	58	0.4	12.6	24.9	782	3.43	65.1	1.2	2.1	3.1	101	0.1	1.3	0.8	56	
15791	Drill Core		6.72	2.2	137.8	4.0	91	0.2	63.8	17.1	1865	4.53	12.6	0.5	6.5	0.8	336	0.1	0.8	0.2	111	
15792	Drill Core		4.54	12.6	508.5	3.2	44	0.5	11.4	14.4	630	2.63	11.4	1.4	9.6	4.2	138	<0.1	0.2	0.1	64	
15793	Drill Core		4.58	1.9	236.0	3.2	51	0.2	23.0	9.7	886	3.04	9.6	1.2	8.8	3.3	162	<0.1	0.4	0.2	71	
15794	Drill Core		5.18	2.7	305.6	2.9	35	0.3	12.3	9.9	506	2.51	6.4	1.7	7.4	5.1	87	<0.1	0.1	0.2	58	
15795	Drill Core		3.94	2.9	238.5	3.0	33	0.3	2.6	6.2	481	2.41	7.7	1.9	6.9	6.1	82	<0.1	0.1	0.1	62	
15796	Drill Core		4.77	22.0	537.1	3.1	43	0.5	3.5	5.8	482	2.38	10.7	1.6	13.2	5.0	95	0.1	0.2	0.1	63	
15797	Drill Core		4.65	30.4	973.3	3.2	56	1.0	15.0	6.7	658	3.24	107.5	1.4	14.5	3.5	106	0.1	5.4	0.2	74	
15798	Drill Core		4.43	40.8	661.4	2.5	27	0.6	3.1	9.5	362	2.75	5.7	2.5	25.0	4.7	119	<0.1	0.2	0.3	55	
15799	Drill Core		0.203	4.67	25.4	2002	3.7	31	1.2	2.9	10.3	374	2.61	10.9	1.7	69.6	4.6	178	0.2	0.2	0.2	59
15800	Rock Pulp		0.321	0.06	41.7	3283	99.1	334	3.5	138.5	13.0	765	4.39	56.6	0.5	148.6	1.4	32	1.8	4.1	0.9	59
15801	Drill Core			5.29	34.7	1569	18.6	21	1.4	2.5	10.3	370	5.15	15.1	1.5	81.1	4.8	214	<0.1	0.3	1.8	69
15802	Drill Core		0.272	4.21	39.5	2772	7.4	19	1.6	3.3	10.1	341	2.74	45.6	2.1	96.1	5.6	118	<0.1	0.3	0.6	55
15803	Drill Core		0.241	5.49	27.2	2380	2.5	20	1.4	3.1	6.7	410	2.17	12.9	1.6	104.7	4.8	133	<0.1	0.1	0.2	58
15804	Drill Core		0.316	5.13	23.9	3184	3.5	20	2.3	2.8	8.9	339	2.43	12.8	1.9	85.6	4.9	133	0.1	0.1	0.4	50
15805	Drill Core		0.227	4.50	84.6	2261	1.9	23	1.3	2.7	4.3	338	1.73	10.9	1.3	78.8	4.7	146	<0.1	<0.1	0.2	53
15806	Drill Core		0.230	4.53	20.2	2226	1.4	26	1.6	2.6	6.5	439	2.11	6.5	1.7	79.8	5.6	108	<0.1	<0.1	0.2	55
15807	Drill Core			4.90	21.2	1506	1.5	23	1.1	2.9	6.5	447	2.22	1.7	1.7	45.9	4.9	164	<0.1	<0.1	0.2	55
15808	Drill Core		0.231	4.87	38.3	2214	1.5	27	1.5	2.9	7.3	391	2.07	5.8	3.0	57.1	6.1	169	<0.1	<0.1	0.2	51
15809	Drill Core			4.53	4.9	1225	1.9	29	0.9	2.7	7.2	374	2.05	6.5	1.6	49.2	7.1	153	<0.1	<0.1	0.2	53
15810	Drill Core			4.73	6.8	907.4	1.9	26	0.7	2.8	6.4	325	1.89	1.9	1.6	33.2	6.3	176	<0.1	<0.1	0.1	57
15811	Drill Core			4.91	10.8	1276	4.9	32	1.1	3.1	15.2	368	3.59	3.1	3.5	52.4	5.5	156	0.2	<0.1	0.4	49
15812	Drill Core			4.72	7.4	789.1	3.6	31	0.9	2.7	7.9	467	2.71	6.6	1.8	54.4	5.2	210	0.1	<0.1	0.4	45
15813	Drill Core			4.74	7.7	1105	3.0	42	1.1	3.3	8.9	558	2.31	2.1	1.6	42.2	5.0	169	<0.1	0.1	0.2	57
15814	Drill Core			4.45	6.3	587.6	2.8	58	0.8	15.6	11.0	925	3.54	4.2	1.6	23.6	4.3	156	<0.1	0.1	0.4	72
15815	Rock			0.25	1.3	30.4	3.4	49	<0.1	22.3	6.5	450	2.43	3.5	0.7	5.5	3.0	52	0.2	0.4	<0.1	55
15816	Drill Core			5.00	4.8	660.7	4.0	45	1.7	2.7	5.9	815	3.68	10.5	2.6	57.5	5.9	153	0.1	0.1	0.8	49
15817	Drill Core			4.40	7.6	707.8	2.7	42	0.9	2.9	7.8	712	2.39	2.3	2.3	31.5	5.3	169	<0.1	<0.1	0.2	57
15818	Drill Core			5.27	7.8	698.8	5.4	51	1.0	2.7	10.1	693	4.01	6.4	2.9	45.6	6.7	105	0.1	<0.1	1.1	54
15819	Drill Core			5.00	6.5	1075	5.9	59	1.5	2.5	8.4	623	3.84	8.5	2.1	67.9	6.9	73	0.3	<0.1	1.3	61

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 2 of 7 Part 2

CERTIFICATE OF ANALYSIS

SMI10000215.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
15790	Drill Core	2.97	0.057	8	16	1.34	59	0.005	4	0.42	0.039	0.13	<0.1	0.04	4.3	<0.1	2.28	3	2.2	0.3	
15791	Drill Core	5.07	0.109	5	105	2.54	56	0.015	12	1.16	0.037	0.25	0.1	0.01	12.6	<0.1	0.34	7	<0.5	<0.2	
15792	Drill Core	1.67	0.085	9	21	1.08	46	0.025	5	0.83	0.070	0.17	0.1	0.01	4.1	<0.1	0.72	6	1.0	<0.2	
15793	Drill Core	2.62	0.093	9	37	1.50	69	0.028	7	0.96	0.055	0.19	0.1	<0.01	5.1	<0.1	0.50	6	0.5	<0.2	
15794	Drill Core	1.59	0.088	10	27	0.98	34	0.035	3	0.88	0.066	0.14	0.1	0.01	3.7	<0.1	0.52	6	0.6	0.3	
15795	Drill Core	2.13	0.075	13	4	0.75	38	0.008	4	0.67	0.052	0.13	<0.1	0.01	3.7	<0.1	0.55	5	0.7	<0.2	
15796	Drill Core	1.89	0.072	12	5	0.69	55	0.016	3	0.69	0.062	0.14	<0.1	<0.01	3.6	<0.1	0.42	5	0.9	<0.2	
15797	Drill Core	2.18	0.070	9	32	1.31	107	0.010	7	0.66	0.043	0.17	<0.1	0.03	5.5	<0.1	0.69	6	0.8	<0.2	
15798	Drill Core	1.82	0.073	10	5	0.73	41	0.013	4	0.79	0.065	0.17	<0.1	0.02	3.2	<0.1	1.33	6	1.7	<0.2	
15799	Drill Core	1.92	0.070	10	4	0.91	102	0.021	5	1.02	0.080	0.15	<0.1	0.01	3.1	<0.1	1.17	7	2.6	<0.2	
15800	Rock Pulp	0.76	0.061	7	65	0.98	92	0.090	5	2.10	0.088	0.19	5.6	0.26	3.7	0.3	0.82	7	3.5	<0.2	0.258
15801	Drill Core	2.54	0.068	13	4	0.85	32	0.009	8	0.91	0.067	0.18	<0.1	0.02	2.7	<0.1	3.57	6	6.4	0.5	
15802	Drill Core	1.69	0.073	12	4	0.79	45	0.008	6	0.79	0.065	0.22	0.1	0.03	2.8	<0.1	1.87	6	3.9	0.4	
15803	Drill Core	1.88	0.073	11	4	0.86	86	0.012	6	0.93	0.074	0.19	<0.1	0.02	3.0	<0.1	0.84	7	3.1	0.2	0.107
15804	Drill Core	1.62	0.073	12	5	0.73	94	0.010	6	0.98	0.058	0.22	0.1	0.02	2.2	<0.1	1.52	7	3.6	0.3	
15805	Drill Core	1.90	0.070	11	5	0.68	117	0.008	7	1.01	0.073	0.22	<0.1	0.03	2.6	<0.1	0.67	7	2.4	<0.2	
15806	Drill Core	1.33	0.068	11	5	0.94	99	0.016	7	1.13	0.062	0.21	<0.1	0.02	2.5	<0.1	0.96	8	2.8	<0.2	
15807	Drill Core	1.85	0.074	10	5	0.85	100	0.013	6	1.17	0.078	0.21	<0.1	0.01	2.6	<0.1	0.67	7	1.1	<0.2	
15808	Drill Core	1.61	0.069	12	5	0.90	57	0.013	6	1.14	0.070	0.21	<0.1	0.01	2.4	<0.1	1.01	8	2.3	<0.2	
15809	Drill Core	2.08	0.068	12	4	0.72	98	0.009	5	0.91	0.074	0.18	<0.1	<0.01	3.1	<0.1	0.80	6	1.4	<0.2	
15810	Drill Core	1.73	0.069	11	5	0.72	41	0.021	7	1.07	0.082	0.18	<0.1	<0.01	2.7	<0.1	0.51	6	1.4	<0.2	
15811	Drill Core	1.13	0.067	9	5	0.77	67	0.013	4	1.08	0.056	0.25	0.3	0.02	1.9	<0.1	2.79	7	3.4	0.3	
15812	Drill Core	1.62	0.061	11	4	0.78	84	0.012	4	0.97	0.055	0.21	<0.1	0.03	2.3	<0.1	1.49	6	1.6	<0.2	
15813	Drill Core	1.97	0.069	11	5	0.66	84	0.027	5	0.95	0.079	0.19	0.1	0.01	3.0	<0.1	0.52	5	1.1	<0.2	
15814	Drill Core	1.90	0.073	9	44	1.25	46	0.060	4	1.55	0.118	0.23	0.2	0.03	4.1	0.1	1.48	9	1.5	0.4	
15815	Rock	0.59	0.063	12	24	0.60	139	0.083	2	1.12	0.094	0.18	<0.1	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2	
15816	Drill Core	1.78	0.067	11	5	0.84	69	0.012	4	1.20	0.050	0.21	0.1	0.03	2.1	<0.1	2.18	7	1.0	0.4	
15817	Drill Core	2.08	0.072	11	5	0.65	105	0.015	5	1.04	0.075	0.19	0.1	0.02	2.9	<0.1	0.82	6	1.3	<0.2	
15818	Drill Core	1.61	0.079	9	5	0.85	48	0.021	3	1.29	0.080	0.23	0.1	0.05	2.8	<0.1	2.57	5	1.8	0.2	
15819	Drill Core	1.24	0.073	9	5	0.82	47	0.015	3	1.11	0.086	0.20	0.2	0.05	2.6	<0.1	2.39	5	1.9	0.6	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 3 of 7 Part 1

CERTIFICATE OF ANALYSIS

SMI10000215.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
15820	Drill Core		4.27	7.6	1109	28.6	116	1.7	2.9	9.6	748	3.32	7.8	2.1	65.5	6.6	103	0.4	<0.1	0.8	55
15821	Drill Core	0.484	4.95	26.1	4961	46.5	63	5.0	3.2	14.3	585	4.20	6.9	2.0	101.8	5.8	69	0.3	<0.1	2.7	40
15822	Drill Core	0.242	3.80	22.7	2358	26.3	71	2.4	2.5	26.5	844	3.06	70.4	3.2	41.4	4.3	344	0.3	<0.1	0.6	46
15823	Drill Core	0.307	3.84	7.5	3086	11.0	50	3.0	3.0	16.3	699	3.62	20.8	4.0	74.3	4.9	144	0.2	<0.1	0.8	40
15824	Drill Core	0.273	4.52	20.5	2740	12.6	99	2.8	3.5	30.8	640	4.06	16.8	7.7	95.6	5.1	98	0.3	<0.1	0.7	41
15825	Drill Core	0.245	4.10	21.2	2456	5.7	63	2.2	6.4	23.5	638	3.44	7.4	2.4	67.0	5.3	105	0.3	0.1	0.7	45
15826	Drill Core		5.26	8.2	1527	4.0	49	1.3	32.1	23.4	728	3.57	7.2	7.9	44.4	3.7	145	<0.1	0.1	0.7	76
15827	Drill Core		4.93	7.3	1421	5.9	40	1.1	3.0	11.0	511	3.57	4.0	4.5	41.1	5.7	99	0.1	<0.1	0.8	54
15828	Drill Core		4.42	5.3	1066	2.8	47	1.1	3.1	7.2	551	2.19	2.3	1.8	33.9	6.0	80	0.1	<0.1	0.2	59
15829	Drill Core		4.96	10.0	1244	260.6	294	1.6	2.5	6.9	658	2.27	4.1	1.8	40.6	5.8	94	1.0	<0.1	0.4	66
15830	Drill Core		2.31	15.2	1931	47.3	76	3.9	2.8	13.7	638	2.87	11.5	2.7	75.9	5.2	92	0.1	0.1	1.0	43
15831	Drill Core		2.15	16.5	1853	44.6	66	3.5	2.3	11.8	612	2.76	10.1	2.5	66.1	5.1	77	0.2	0.1	1.0	40
15832	Drill Core	0.231	4.66	13.9	2272	40.9	181	6.1	2.9	11.1	631	3.61	6.8	2.0	193.4	5.5	89	0.7	<0.1	1.8	42
15833	Drill Core		5.01	21.1	1930	183.1	550	7.1	3.4	13.1	551	4.84	10.6	1.8	238.7	5.6	98	2.5	<0.1	4.3	35
15834	Drill Core		5.48	5.5	1003	6.9	41	3.8	3.0	27.1	753	4.44	5.5	3.8	103.3	5.7	109	<0.1	<0.1	2.0	34
15835	Drill Core		4.88	14.6	1705	12.7	48	5.0	4.0	45.0	641	7.48	19.9	4.3	119.9	5.5	87	0.1	0.1	3.7	51
15836	Drill Core		3.90	8.8	1664	7.4	43	2.8	2.9	10.3	462	4.59	20.8	2.7	78.3	6.1	75	0.2	0.1	2.1	52
15837	Drill Core		4.55	10.2	1438	3.7	42	1.3	2.7	11.3	553	3.18	6.9	2.7	43.5	6.4	96	0.2	0.1	0.5	63
15838	Drill Core		4.85	8.0	879.5	3.9	30	0.9	3.2	8.8	356	2.39	4.8	3.0	29.0	6.2	81	<0.1	0.1	0.2	63
15839	Drill Core		5.38	16.2	1450	5.6	38	1.4	2.5	17.7	408	5.52	7.5	3.8	38.0	5.9	72	0.3	0.1	0.4	73
15840	Drill Core		4.76	21.7	1404	5.5	42	1.5	3.0	11.2	455	2.85	10.1	3.3	43.1	6.2	80	0.2	0.1	0.3	73
15841	Drill Core		6.07	26.4	1153	3.9	41	1.2	2.6	9.7	452	3.26	8.8	2.3	177.9	4.8	136	0.1	0.1	0.2	65
15842	Drill Core		3.54	24.4	1164	5.2	49	1.3	2.6	8.4	496	2.16	6.9	2.2	47.9	5.6	117	0.2	0.2	0.2	78
15843	Drill Core		5.41	73.7	936.8	4.2	50	1.3	2.6	8.8	568	2.29	5.5	1.9	51.6	4.9	98	<0.1	<0.1	0.1	71
15844	Drill Core		4.90	9.8	981.7	3.7	57	1.2	13.3	11.6	756	3.36	6.2	1.9	37.6	4.4	122	<0.1	<0.1	0.2	81
15845	Rock Pulp	0.698	0.08	8.3	6642	21.6	105	2.4	16.7	9.5	951	6.49	29.5	0.6	680.4	1.5	59	0.8	24.3	0.8	41
15846	Drill Core	1.422	5.15	60.8	>10000	4.3	136	10.8	3.3	13.4	544	4.34	9.6	3.6	851.6	5.6	242	0.7	0.1	0.5	58
15847	Drill Core		4.68	7.7	1390	4.5	49	1.5	6.4	11.8	547	2.93	9.4	1.8	73.6	4.5	124	0.1	0.1	0.1	83
15848	Drill Core		4.15	10.0	1538	5.6	60	1.8	2.9	12.9	548	3.20	6.8	3.0	62.3	5.0	131	0.2	0.1	0.2	83
15849	Drill Core		4.48	10.1	1214	6.0	55	1.5	3.3	15.4	503	3.01	6.7	3.8	54.0	5.9	121	0.1	0.1	0.1	77

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 3 of 7 Part 2

CERTIFICATE OF ANALYSIS

SMI10000215.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
15820	Drill Core	1.33	0.077	8	5	0.88	46	0.031	3	1.19	0.076	0.23	0.2	0.06	2.6	<0.1	1.97	6	1.6	0.3	
15821	Drill Core	1.07	0.075	11	6	0.55	40	0.008	5	1.09	0.074	0.28	0.2	0.03	2.2	<0.1	3.47	4	5.3	1.4	0.088
15822	Drill Core	3.38	0.069	12	3	0.49	102	0.004	6	0.95	0.069	0.19	0.2	0.05	2.6	<0.1	1.34	3	2.9	0.4	
15823	Drill Core	1.98	0.078	14	5	0.52	52	0.007	6	0.99	0.053	0.21	0.2	0.04	1.9	<0.1	2.43	5	3.6	0.2	
15824	Drill Core	1.48	0.079	17	10	0.63	43	0.010	6	1.08	0.050	0.24	0.3	0.03	2.1	<0.1	3.23	6	3.9	0.6	
15825	Drill Core	1.34	0.080	10	10	0.87	52	0.013	4	1.11	0.063	0.22	0.2	0.03	2.2	<0.1	2.52	6	3.9	0.4	
15826	Drill Core	1.93	0.092	6	45	1.36	61	0.075	4	1.68	0.109	0.19	0.4	0.05	4.2	<0.1	2.11	8	2.7	0.5	
15827	Drill Core	1.41	0.077	7	5	0.76	56	0.037	4	1.25	0.119	0.22	0.3	0.04	2.7	<0.1	2.82	5	2.8	0.2	
15828	Drill Core	1.63	0.073	9	11	0.73	129	0.042	4	1.12	0.107	0.20	0.2	0.02	3.3	<0.1	0.88	6	1.6	0.2	
15829	Drill Core	1.24	0.076	8	5	0.91	53	0.071	5	1.62	0.242	0.24	0.2	0.13	4.3	<0.1	1.01	7	1.6	<0.2	
15830	Drill Core	0.96	0.077	6	8	0.89	40	0.047	4	1.47	0.104	0.25	0.3	0.03	1.8	<0.1	2.11	6	3.1	0.7	
15831	Drill Core	0.86	0.073	5	4	0.83	41	0.045	4	1.27	0.083	0.22	0.3	0.02	1.6	<0.1	2.06	5	2.6	0.6	
15832	Drill Core	0.96	0.077	5	8	0.85	39	0.065	4	1.43	0.095	0.26	0.4	0.04	1.9	<0.1	2.97	6	2.8	0.4	0.172
15833	Drill Core	0.92	0.067	6	4	0.67	30	0.016	6	1.22	0.090	0.25	0.2	0.10	1.8	<0.1	4.59	5	5.5	1.6	0.265
15834	Drill Core	1.43	0.080	10	8	0.68	32	0.016	8	1.47	0.099	0.29	0.3	0.03	2.0	<0.1	3.96	6	3.8	0.6	0.107
15835	Drill Core	1.06	0.069	6	5	0.83	31	0.040	6	1.58	0.146	0.24	0.4	0.06	3.3	<0.1	6.73	6	6.1	2.4	0.122
15836	Drill Core	0.81	0.074	7	4	0.87	34	0.079	3	1.31	0.085	0.26	0.3	0.03	2.7	<0.1	3.75	6	3.1	0.5	
15837	Drill Core	0.95	0.072	7	8	1.05	54	0.103	6	1.45	0.121	0.23	0.5	<0.01	3.4	<0.1	2.00	7	2.1	<0.2	
15838	Drill Core	1.17	0.080	8	5	0.76	78	0.111	4	1.51	0.324	0.23	0.5	0.01	4.3	<0.1	1.02	6	1.4	<0.2	
15839	Drill Core	0.96	0.066	7	7	0.75	60	0.102	3	1.45	0.262	0.27	0.8	0.04	4.0	<0.1	3.45	6	5.0	0.3	
15840	Drill Core	1.11	0.078	8	5	0.93	89	0.108	4	1.35	0.158	0.20	0.6	0.04	4.3	<0.1	1.47	6	1.6	<0.2	
15841	Drill Core	1.14	0.067	6	5	0.84	44	0.093	3	1.59	0.102	0.18	0.4	0.02	2.7	<0.1	2.12	7	2.8	<0.2	0.109
15842	Drill Core	1.37	0.079	9	4	0.78	75	0.115	4	1.52	0.244	0.20	0.4	0.01	4.3	<0.1	0.73	7	1.9	<0.2	
15843	Drill Core	1.28	0.070	7	7	0.82	47	0.101	3	1.41	0.101	0.18	0.4	0.01	3.4	<0.1	0.87	7	1.6	<0.2	
15844	Drill Core	1.34	0.078	6	28	1.41	36	0.110	3	1.85	0.100	0.17	0.4	<0.01	4.9	<0.1	1.53	9	1.9	<0.2	
15845	Rock Pulp	1.81	0.061	3	34	0.87	55	0.034	5	0.92	0.059	0.31	1.3	2.15	3.2	0.3	2.29	3	9.9	0.3	0.658
15846	Drill Core	1.08	0.070	6	5	0.86	61	0.077	3	1.59	0.087	0.18	0.4	0.05	2.5	<0.1	2.91	7	6.2	<0.2	0.316
15847	Drill Core	1.24	0.081	6	13	1.07	45	0.125	3	1.68	0.098	0.16	0.4	<0.01	3.9	<0.1	1.30	8	2.5	<0.2	
15848	Drill Core	1.34	0.080	7	7	0.89	52	0.107	3	1.60	0.091	0.16	0.6	<0.01	3.6	<0.1	1.27	8	2.5	<0.2	
15849	Drill Core	1.37	0.079	7	5	0.89	50	0.104	3	1.55	0.102	0.15	0.6	<0.01	3.3	<0.1	1.36	7	2.4	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 4 of 7 Part 1

CERTIFICATE OF ANALYSIS

SMI10000215.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
15850	Drill Core	0.380	4.90	83.4	3564	6.8	95	4.9	2.6	9.0	433	2.83	8.3	2.0	69.7	4.6	150	0.4	0.2	0.2	75
15851	Drill Core		4.62	13.9	726.7	7.2	53	1.0	2.8	9.7	473	2.40	8.0	2.1	30.5	5.2	158	<0.1	0.1	0.1	82
15852	Drill Core		4.54	14.3	1026	5.7	48	1.0	2.5	9.1	445	2.50	7.3	2.3	53.9	5.1	180	0.2	0.1	0.1	76
15853	Drill Core		5.11	12.9	904.3	5.7	45	1.0	3.1	11.8	428	2.51	4.4	2.5	50.3	5.6	111	<0.1	0.1	0.2	69
15854	Drill Core		4.71	9.9	1940	4.7	44	2.4	2.7	9.6	439	3.19	5.2	2.3	83.3	6.3	164	0.2	0.1	0.3	61
15855	Drill Core		4.96	11.1	812.1	4.2	44	1.1	3.4	12.8	646	3.06	5.7	1.9	45.4	4.3	152	0.1	0.1	0.2	89
15856	Drill Core		4.51	14.6	1605	3.5	51	2.4	4.3	12.6	721	3.41	6.6	2.0	62.8	3.6	490	0.1	0.1	0.2	92
15857	Drill Core		4.51	6.0	890.9	5.6	45	1.4	3.0	11.5	537	2.59	6.4	2.2	51.1	5.3	190	<0.1	0.1	0.1	67
15858	Drill Core		4.40	8.1	706.3	6.2	44	1.0	3.8	10.0	527	2.76	4.9	2.5	38.2	5.3	136	<0.1	<0.1	0.1	68
15859	Drill Core		4.69	8.0	1547	5.2	50	2.3	4.0	13.4	626	3.20	7.3	2.2	89.6	5.5	279	0.1	0.1	0.2	67
15860	Rock Pulp	0.324	0.14	38.9	3063	91.0	286	3.0	127.9	15.4	748	4.07	46.3	0.4	147.6	1.2	28	1.4	3.4	0.8	54
15861	Drill Core		3.40	11.3	578.3	4.7	56	0.9	3.3	14.1	620	2.85	6.2	1.3	34.5	3.7	167	<0.1	<0.1	0.1	81
15862	Drill Core		6.33	3.5	469.2	3.2	67	0.5	4.5	16.4	858	3.84	4.8	0.7	22.8	1.9	169	<0.1	0.1	0.1	115
15863	Drill Core		5.70	6.3	717.1	2.2	66	0.5	4.8	17.2	792	4.41	4.5	0.5	22.4	1.5	134	0.1	0.1	0.4	123
15864	Drill Core		4.66	7.0	431.6	2.6	50	0.4	4.3	17.0	701	3.68	3.6	0.3	11.9	1.0	150	<0.1	0.1	0.1	106
15865	Drill Core		5.97	6.4	267.7	3.0	48	0.3	4.8	17.7	778	3.41	6.3	0.4	10.1	1.0	249	<0.1	0.3	<0.1	106
15866	Drill Core		2.85	44.5	951.3	4.6	46	1.1	2.9	9.5	554	2.25	5.9	2.0	39.4	5.9	324	<0.1	0.1	0.1	69
15867	Drill Core		4.65	83.7	1292	3.9	48	1.5	3.4	11.3	537	2.76	6.3	2.0	59.4	5.2	123	0.1	0.1	0.1	63
15868	Drill Core	0.268	5.43	49.2	2472	5.0	54	2.7	3.0	10.8	576	2.71	5.9	1.8	97.2	4.9	1957	0.2	<0.1	0.2	72
15869	Drill Core		4.34	30.3	1899	5.5	50	1.8	2.7	9.5	426	1.94	5.3	2.0	58.2	5.1	134	0.2	<0.1	0.1	70
15870	Drill Core		5.09	19.1	1681	5.1	63	1.7	4.2	11.8	613	2.69	5.4	1.8	65.2	4.6	172	0.1	<0.1	0.2	78
15871	Drill Core	0.264	4.64	45.6	2452	5.1	50	2.7	2.8	10.0	549	2.56	6.9	1.9	76.3	5.6	115	0.3	<0.1	0.2	71
15872	Drill Core	0.325	4.19	248.6	3155	5.5	52	3.1	3.0	14.7	503	3.85	4.4	2.0	49.0	4.9	97	0.1	<0.1	0.3	70
15873	Drill Core	0.452	5.08	181.0	4274	6.8	58	4.3	3.2	7.8	470	2.39	4.4	2.1	87.9	6.5	102	0.3	<0.1	0.3	73
15874	Drill Core	0.292	4.60	86.9	2721	3.6	46	2.8	2.8	10.1	415	2.62	5.2	2.0	90.3	5.2	106	0.2	<0.1	0.2	59
15875	Rock		0.22	2.3	36.6	2.8	42	<0.1	28.5	8.2	483	2.15	2.5	0.5	4.0	2.4	40	0.1	0.4	<0.1	44
15876	Drill Core	0.297	4.62	28.2	2841	3.8	44	2.7	2.9	9.2	482	2.71	4.5	2.2	88.3	6.4	1734	0.2	<0.1	0.3	59
15877	Drill Core		4.83	63.7	1886	3.3	45	2.1	2.7	8.1	448	2.90	4.0	2.4	53.3	6.0	89	0.1	<0.1	0.4	53
15878	Drill Core		4.36	51.1	1676	3.0	41	1.7	2.9	12.3	378	3.32	5.9	2.9	46.8	5.8	80	<0.1	<0.1	0.7	35
15879	Drill Core	0.357	4.63	286.0	3516	6.4	55	3.3	3.0	9.8	350	3.85	10.9	2.2	80.8	5.3	63	0.3	<0.1	0.9	48

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 4 of 7 Part 2

CERTIFICATE OF ANALYSIS

SMI10000215.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
15850	Drill Core	1.50	0.068	6	6	0.82	51	0.090	3	1.66	0.086	0.13	0.4	0.03	2.9	<0.1	1.42	8	3.2	<0.2	
15851	Drill Core	1.56	0.083	6	5	0.92	55	0.115	4	1.84	0.090	0.12	0.4	<0.01	3.3	<0.1	0.91	8	2.1	<0.2	
15852	Drill Core	1.24	0.073	7	6	0.88	60	0.113	4	1.61	0.093	0.15	0.5	<0.01	3.5	<0.1	1.04	7	2.1	<0.2	
15853	Drill Core	1.45	0.080	7	4	0.78	57	0.094	4	1.34	0.080	0.12	0.5	0.02	2.2	<0.1	1.22	7	2.9	<0.2	
15854	Drill Core	1.19	0.077	6	6	0.79	40	0.087	4	1.42	0.074	0.15	0.5	0.02	2.1	<0.1	1.97	7	3.0	<0.2	
15855	Drill Core	1.46	0.090	6	4	1.02	50	0.111	4	1.91	0.092	0.16	0.5	<0.01	3.1	<0.1	1.25	8	2.3	<0.2	
15856	Drill Core	1.26	0.099	5	6	1.21	62	0.112	3	1.91	0.087	0.17	0.5	0.02	3.1	<0.1	1.64	9	3.2	0.3	
15857	Drill Core	1.20	0.079	6	4	0.87	47	0.101	4	1.61	0.078	0.14	0.5	0.02	2.3	<0.1	1.20	8	2.6	<0.2	
15858	Drill Core	1.20	0.075	6	3	0.87	42	0.097	3	1.64	0.085	0.15	0.5	0.02	2.3	0.1	1.07	8	2.4	<0.2	
15859	Drill Core	1.15	0.070	5	6	1.02	35	0.100	6	1.92	0.106	0.17	0.4	0.02	2.6	<0.1	1.52	9	3.4	0.2	
15860	Rock Pulp	0.73	0.060	6	64	0.91	74	0.079	5	1.95	0.082	0.16	4.8	0.25	3.0	0.2	0.75	5	3.7	0.2	0.371
15861	Drill Core	1.58	0.094	6	3	1.03	32	0.106	4	1.87	0.095	0.13	0.4	<0.01	2.9	<0.1	1.11	8	1.8	<0.2	
15862	Drill Core	1.90	0.149	5	4	1.42	40	0.174	5	2.09	0.083	0.19	0.4	0.02	3.5	<0.1	1.04	9	1.3	<0.2	
15863	Drill Core	1.88	0.162	5	2	1.43	43	0.132	10	2.21	0.080	0.16	0.5	0.03	3.7	<0.1	2.38	9	1.8	0.2	
15864	Drill Core	2.02	0.163	6	3	0.91	38	0.120	4	1.83	0.084	0.16	0.4	0.02	2.2	<0.1	1.16	7	1.2	0.2	
15865	Drill Core	2.52	0.169	6	2	0.90	100	0.111	60	1.80	0.076	0.12	0.5	0.02	2.7	<0.1	0.89	7	1.0	<0.2	
15866	Drill Core	1.47	0.071	7	5	0.82	65	0.105	4	1.55	0.089	0.14	0.5	0.02	2.7	<0.1	1.09	7	2.2	<0.2	
15867	Drill Core	1.27	0.070	7	5	0.80	35	0.094	4	1.76	0.101	0.19	0.5	0.03	2.1	<0.1	1.71	7	3.2	<0.2	
15868	Drill Core	1.22	0.074	5	3	0.86	91	0.098	3	1.86	0.104	0.21	0.4	0.02	2.0	<0.1	1.50	7	3.2	<0.2	
15869	Drill Core	1.35	0.066	6	6	0.69	23	0.086	4	1.57	0.080	0.13	0.5	0.02	2.1	<0.1	0.87	6	2.9	<0.2	
15870	Drill Core	1.48	0.080	6	9	0.95	35	0.107	4	1.77	0.084	0.15	0.4	0.02	2.8	<0.1	1.14	8	2.3	<0.2	
15871	Drill Core	1.25	0.068	7	5	0.84	38	0.092	3	1.57	0.079	0.21	0.6	0.02	2.3	<0.1	1.46	7	3.3	<0.2	
15872	Drill Core	1.46	0.066	8	4	0.74	29	0.088	3	1.30	0.068	0.25	0.7	0.03	2.1	<0.1	2.65	7	4.5	0.2	
15873	Drill Core	1.43	0.067	9	6	0.72	45	0.091	2	1.30	0.072	0.18	0.5	0.03	2.1	<0.1	1.10	6	4.4	<0.2	
15874	Drill Core	1.08	0.068	6	3	0.76	35	0.075	2	1.35	0.076	0.20	0.5	0.03	2.0	<0.1	1.65	6	4.3	<0.2	
15875	Rock	0.53	0.064	10	29	0.58	137	0.076	2	0.99	0.077	0.13	<0.1	0.04	2.7	<0.1	<0.05	4	<0.5	<0.2	
15876	Drill Core	1.09	0.074	7	4	0.90	107	0.099	3	1.45	0.087	0.21	0.5	0.03	2.3	<0.1	1.54	7	4.2	<0.2	
15877	Drill Core	0.92	0.071	7	5	0.90	34	0.086	3	1.39	0.075	0.30	0.4	0.03	1.7	<0.1	1.74	6	3.5	0.2	
15878	Drill Core	0.82	0.069	6	3	0.77	48	0.066	2	1.29	0.071	0.35	0.5	0.03	1.2	0.1	2.72	5	3.7	0.3	
15879	Drill Core	0.94	0.067	9	5	0.71	44	0.068	2	1.19	0.064	0.26	0.5	0.07	1.5	<0.1	3.34	5	4.7	0.9	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 5 of 7 Part 1

CERTIFICATE OF ANALYSIS

SMI10000215.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
15880	Drill Core		4.28	64.6	1997	5.3	53	2.1	3.1	9.6	421	3.36	6.3	2.2	77.5	5.9	88	0.1	<0.1	0.8	59
15881	Drill Core		4.95	16.1	1259	6.0	48	1.2	2.7	10.4	402	2.89	3.9	2.8	33.3	5.7	100	0.2	<0.1	0.5	51
15882	Drill Core		4.85	28.2	1613	3.0	48	1.5	2.7	9.1	416	2.90	4.2	2.4	36.6	5.7	130	0.1	<0.1	0.7	39
15883	Drill Core		5.23	30.9	699.8	3.6	54	0.8	3.1	9.5	544	3.19	5.7	2.4	49.4	6.0	460	<0.1	<0.1	0.6	48
15884	Drill Core		4.26	58.1	1572	3.9	64	1.3	2.4	10.2	459	3.47	8.9	2.2	49.0	5.8	115	0.2	<0.1	0.9	49
15885	Drill Core	0.317	4.63	45.0	3027	4.1	87	2.5	2.5	9.9	527	4.29	8.1	2.9	61.1	5.7	167	0.3	<0.1	0.8	61
15886	Drill Core		4.64	38.9	1661	2.8	49	1.4	2.8	13.4	471	4.50	5.7	2.0	57.1	5.4	65	0.1	<0.1	1.0	37
15887	Drill Core		4.41	89.7	1292	3.2	40	0.9	2.9	9.1	590	3.38	6.1	1.7	49.6	5.2	129	<0.1	<0.1	0.7	61
15888	Drill Core		4.24	13.5	1808	3.5	44	1.3	2.6	6.8	598	2.62	6.3	1.7	54.9	4.7	120	0.2	<0.1	0.6	71
15889	Drill Core		4.56	16.6	1285	3.2	43	0.9	3.1	8.3	559	3.47	6.7	1.9	50.1	4.6	443	<0.1	<0.1	1.1	72
15890	Drill Core		1.77	35.7	1131	2.4	38	0.8	2.3	9.8	438	3.94	7.4	2.2	49.0	4.8	266	<0.1	<0.1	0.7	54
15891	Drill Core		2.15	41.8	1373	2.2	32	0.9	2.4	8.1	371	3.52	7.6	2.3	51.2	5.2	128	<0.1	<0.1	0.5	49
15892	Drill Core		4.19	66.6	1122	2.1	40	0.7	2.1	7.7	408	3.98	6.7	1.8	37.7	4.3	152	<0.1	<0.1	0.5	57
15893	Drill Core		4.28	114.8	1705	3.2	58	1.1	5.4	11.0	573	4.07	7.5	1.9	51.6	4.4	91	<0.1	<0.1	0.5	77
15894	Drill Core	0.302	4.74	62.6	2879	3.0	82	1.7	2.8	11.1	585	3.79	8.7	1.9	48.4	4.6	120	0.3	0.1	1.1	46
15895	Drill Core	0.275	4.60	35.2	2475	2.5	71	1.4	1.9	9.5	345	3.36	8.6	1.7	47.7	4.7	178	0.3	<0.1	1.3	25
15896	Drill Core	0.233	4.73	22.4	2198	2.4	664	1.4	2.5	9.9	709	5.03	6.5	1.9	39.3	5.0	78	3.2	<0.1	2.8	24
15897	Drill Core		5.11	355.0	1712	3.7	678	1.0	2.5	8.0	542	5.23	7.4	1.9	28.3	5.0	74	3.8	<0.1	3.9	29
15898	Drill Core		5.45	111.0	1009	6.4	179	0.6	2.3	8.0	589	5.13	6.5	1.7	17.5	4.2	226	0.7	<0.1	4.6	26
15899	Drill Core		4.79	30.8	1947	3.1	91	1.7	2.4	8.3	569	3.72	8.7	1.6	104.2	3.7	2886	0.2	<0.1	2.1	35
15900	Drill Core		5.33	30.4	1896	2.6	55	1.2	5.7	11.9	681	4.63	6.9	1.7	38.5	4.2	302	0.1	0.1	1.5	49
15901	Drill Core	0.232	5.31	52.5	2261	2.5	38	1.2	4.1	9.0	575	4.03	4.4	1.7	41.1	4.7	260	<0.1	<0.1	0.8	37
15902	Drill Core	0.324	4.31	324.0	3186	2.3	34	1.7	3.3	9.1	498	4.54	6.0	2.1	60.0	4.8	191	<0.1	<0.1	0.6	52
15903	Drill Core	0.358	5.26	40.0	3393	2.7	34	2.1	3.2	8.2	512	3.74	4.1	2.4	57.6	4.8	68	0.1	0.1	0.6	46
15904	Drill Core		5.22	22.7	1918	3.3	56	1.0	28.8	12.2	903	4.61	13.6	1.3	35.5	3.4	189	<0.1	0.2	0.8	80
15905	Rock Pulp	0.692	0.10	7.6	6589	18.9	99	2.1	16.4	8.8	870	6.03	26.9	0.5	550.4	1.2	50	0.7	20.3	0.7	38
15906	Drill Core	0.397	5.25	33.9	3807	2.0	42	1.6	3.2	8.0	485	4.71	5.9	1.7	73.0	4.4	62	<0.1	<0.1	0.7	50
15907	Drill Core		5.17	12.3	1984	1.9	42	1.0	2.8	6.3	532	5.20	6.2	1.8	42.4	4.3	67	<0.1	<0.1	0.9	44
15908	Drill Core	0.212	5.56	41.9	2061	2.2	32	1.1	2.7	9.5	425	4.71	5.4	1.6	60.3	4.2	62	<0.1	<0.1	1.0	46
15909	Drill Core		4.58	19.0	975.3	1.5	39	0.6	2.2	9.1	323	4.22	4.1	1.3	28.4	4.2	47	0.1	<0.1	0.6	44

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 5 of 7 Part 2

CERTIFICATE OF ANALYSIS

SMI10000215.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
15880	Drill Core	1.09	0.074	7	4	0.83	30	0.081	3	1.28	0.082	0.22	0.5	0.04	2.3	<0.1	2.56	6	3.6	0.6	
15881	Drill Core	1.03	0.067	6	6	0.76	26	0.081	3	1.27	0.086	0.21	0.5	0.03	1.9	<0.1	1.88	5	2.5	0.4	
15882	Drill Core	0.91	0.066	7	4	0.76	36	0.062	6	1.37	0.080	0.31	0.3	0.03	1.5	<0.1	2.09	6	2.9	0.5	
15883	Drill Core	0.80	0.063	6	10	0.95	53	0.089	3	1.49	0.099	0.30	0.5	0.07	1.9	<0.1	2.26	6	2.3	0.6	
15884	Drill Core	1.01	0.066	7	3	0.82	25	0.077	5	1.58	0.146	0.24	0.4	0.10	1.9	0.1	2.49	6	2.9	0.3	
15885	Drill Core	0.98	0.055	6	5	0.97	31	0.078	3	1.45	0.091	0.21	0.5	0.09	2.0	<0.1	2.45	7	3.2	0.7	
15886	Drill Core	0.83	0.059	8	4	0.85	31	0.045	5	1.35	0.073	0.31	0.3	0.05	1.3	0.1	3.44	6	3.8	0.7	
15887	Drill Core	1.17	0.053	7	4	0.86	45	0.093	2	1.78	0.101	0.23	0.5	0.05	2.1	<0.1	1.88	7	2.4	0.7	
15888	Drill Core	1.31	0.070	5	3	0.95	73	0.104	5	1.77	0.109	0.18	0.5	0.03	2.6	<0.1	1.00	8	1.4	0.6	
15889	Drill Core	1.21	0.068	5	4	0.92	53	0.100	4	1.76	0.106	0.20	0.5	0.03	2.6	<0.1	1.64	8	1.5	0.8	
15890	Drill Core	0.79	0.068	6	3	0.92	58	0.085	2	1.40	0.102	0.31	0.4	0.05	2.1	0.1	2.83	7	2.5	0.5	
15891	Drill Core	0.85	0.064	7	4	0.84	49	0.071	3	1.31	0.100	0.27	0.4	0.05	1.9	<0.1	2.49	6	2.3	0.2	
15892	Drill Core	0.71	0.066	5	<1	0.90	44	0.086	2	1.30	0.091	0.30	0.4	0.06	2.0	0.2	3.06	6	2.9	0.2	
15893	Drill Core	0.91	0.070	4	10	1.17	44	0.106	3	1.69	0.082	0.29	0.4	0.03	3.3	0.1	2.48	8	3.4	0.4	
15894	Drill Core	0.92	0.059	4	4	0.91	32	0.095	3	1.82	0.118	0.30	0.6	0.04	1.5	0.1	2.07	7	3.6	0.2	
15895	Drill Core	1.04	0.053	4	3	0.44	44	0.051	2	1.67	0.149	0.29	0.4	0.04	0.9	<0.1	2.41	5	2.7	0.4	
15896	Drill Core	0.68	0.057	4	4	0.74	29	0.057	2	1.54	0.071	0.30	0.4	0.10	0.6	0.1	3.79	6	3.5	1.6	
15897	Drill Core	0.67	0.057	4	3	0.63	33	0.076	2	1.43	0.067	0.30	0.7	0.08	0.6	0.1	3.79	5	2.7	2.1	
15898	Drill Core	0.70	0.057	3	4	0.80	41	0.075	3	1.68	0.083	0.39	0.5	0.05	0.6	0.1	3.67	6	2.2	1.8	
15899	Drill Core	0.88	0.059	3	4	0.84	66	0.092	3	1.80	0.115	0.35	0.5	0.08	1.3	0.1	2.33	7	3.1	1.2	0.126
15900	Drill Core	0.70	0.060	4	12	1.23	82	0.103	4	1.79	0.083	0.40	0.7	0.02	1.9	0.1	2.11	7	2.4	0.7	
15901	Drill Core	0.81	0.058	8	7	0.87	79	0.032	5	1.29	0.055	0.28	0.4	0.02	1.1	<0.1	1.35	6	2.1	0.3	
15902	Drill Core	0.71	0.052	6	6	0.84	85	0.058	4	1.38	0.076	0.33	1.1	0.02	1.5	0.1	1.62	6	2.8	0.3	
15903	Drill Core	0.69	0.055	5	6	0.76	48	0.071	3	1.26	0.084	0.33	0.8	<0.01	1.5	<0.1	0.96	6	1.8	0.4	
15904	Drill Core	1.45	0.083	5	67	1.65	78	0.118	6	2.20	0.106	0.33	0.6	0.02	3.8	0.1	1.50	8	1.5	0.4	
15905	Rock Pulp	1.81	0.060	3	31	0.85	59	0.033	4	0.65	0.047	0.28	1.0	1.86	2.5	0.2	2.28	3	8.9	<0.2	0.733
15906	Drill Core	0.54	0.059	5	5	0.78	51	0.060	3	1.35	0.061	0.35	0.6	0.02	1.2	0.1	1.39	6	1.8	0.3	
15907	Drill Core	0.52	0.060	6	6	0.81	48	0.059	3	1.46	0.064	0.38	0.5	0.02	1.1	0.1	1.42	6	1.3	0.3	
15908	Drill Core	0.60	0.053	5	5	0.65	47	0.068	2	1.26	0.061	0.32	0.8	0.03	1.0	0.1	1.65	5	1.9	0.3	
15909	Drill Core	0.35	0.039	5	6	0.50	48	0.026	2	1.08	0.053	0.35	0.6	0.03	0.8	0.1	1.05	5	1.1	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 6 of 7 Part 1

CERTIFICATE OF ANALYSIS

SMI10000215.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
15910	Drill Core	0.212	5.30	27.1	2061	1.1	27	1.0	2.6	12.2	395	5.28	2.7	1.7	41.4	5.0	34	<0.1	<0.1	0.8	48
15911	Drill Core	0.243	4.81	126.3	2392	1.0	26	1.2	2.5	12.2	414	5.21	2.5	2.3	54.2	5.7	30	<0.1	<0.1	0.8	49
15912	Drill Core		5.60	2.9	962.3	0.9	30	0.6	2.5	6.1	626	6.48	4.3	2.2	19.4	6.2	44	<0.1	<0.1	0.5	50
15913	Drill Core		4.57	5.5	1307	0.9	25	0.8	2.3	9.0	441	5.84	4.4	2.5	43.0	5.2	36	<0.1	<0.1	0.8	46
15914	Drill Core		5.09	76.3	1080	1.7	25	0.6	2.9	9.2	397	5.21	5.0	2.2	25.1	4.9	84	<0.1	<0.1	0.6	49
15915	Drill Core		4.79	19.2	1370	1.8	23	0.7	2.4	7.0	356	4.21	6.2	2.3	27.6	5.2	81	<0.1	<0.1	0.6	51
15916	Drill Core		4.41	31.4	1120	4.4	29	0.6	2.4	9.9	400	3.90	6.8	2.9	25.5	5.8	112	<0.1	<0.1	0.3	55
15917	Drill Core	0.337	7.25	27.4	3246	43.8	458	2.1	2.6	18.9	548	4.62	6.5	2.3	141.2	5.2	104	2.3	<0.1	1.2	50
15918	Drill Core		2.41	15.5	1938	75.8	612	1.8	3.0	10.9	715	3.03	7.2	1.7	55.9	4.1	143	2.8	<0.1	1.4	49
15919	Drill Core		4.54	10.2	1077	15.7	162	0.8	2.8	9.7	704	3.10	8.2	1.8	27.4	4.1	144	0.5	<0.1	0.5	60
15920	Rock Pulp	0.316	0.11	39.5	3203	81.5	325	3.1	134.6	15.5	752	4.17	61.5	0.4	151.3	1.3	34	1.7	3.7	0.8	57
15921	Drill Core		4.74	13.1	1157	5.0	41	0.7	2.4	7.4	402	2.87	7.3	1.9	29.2	3.8	182	<0.1	<0.1	0.3	69
15922	Drill Core	0.285	4.62	41.1	2692	4.8	48	1.6	2.5	9.0	414	2.95	7.3	1.8	66.8	4.0	131	0.1	<0.1	0.5	84
15923	Drill Core		4.16	5.2	896.4	5.4	30	0.6	2.6	6.6	444	2.79	10.7	2.5	21.5	6.2	171	<0.1	0.1	0.4	68
15924	Drill Core		5.87	37.7	1617	3.7	30	0.9	2.5	16.2	544	3.45	9.5	2.9	31.8	5.9	189	<0.1	<0.1	0.9	61
15925	Drill Core	0.266	4.41	13.4	2562	4.1	28	1.2	3.2	11.8	460	2.91	9.7	2.6	44.7	4.7	236	<0.1	<0.1	0.6	61
15926	Drill Core		4.41	8.6	1637	3.0	23	0.8	2.8	7.6	352	3.09	9.6	2.4	26.3	5.1	197	<0.1	<0.1	0.3	63
15927	Drill Core		4.77	3.4	713.1	3.2	26	0.4	2.5	9.0	409	3.40	9.0	2.1	11.1	4.8	299	<0.1	<0.1	0.3	61
15928	Drill Core		5.10	6.9	962.0	3.7	26	0.6	3.0	8.0	369	3.40	7.1	2.4	24.8	4.9	563	<0.1	0.1	0.4	63
15929	Drill Core		4.86	8.5	830.9	3.4	23	0.5	2.4	6.6	380	3.07	7.8	2.0	14.2	4.7	229	<0.1	<0.1	0.2	70
15930	Drill Core	0.218	4.70	32.8	2172	3.2	31	1.2	3.1	15.3	404	3.90	6.4	2.3	47.0	5.7	120	<0.1	<0.1	0.7	56
15931	Drill Core	0.231	4.31	98.9	2124	6.5	39	1.0	3.2	8.8	480	2.14	11.4	1.5	40.3	5.4	211	0.2	0.2	0.4	62
15932	Drill Core		4.77	23.1	1463	27.2	102	1.1	10.4	12.7	611	3.60	7.2	1.5	63.8	4.9	198	0.3	0.1	0.6	59
15933	Drill Core		4.81	14.3	1345	7.1	88	0.9	25.9	12.6	724	4.38	7.1	1.8	87.1	5.5	241	0.1	<0.1	0.4	68
15934	Drill Core		5.00	40.9	1448	7.0	58	0.9	12.9	9.2	546	3.52	5.6	2.2	68.0	6.0	184	0.1	0.1	0.4	74
15935	Rock		0.27	1.0	32.2	3.8	56	<0.1	31.3	9.1	447	2.54	4.6	0.9	1.0	3.5	50	0.6	0.6	<0.1	43
15936	Drill Core	0.304	4.31	65.2	2697	7.5	46	1.3	3.1	8.1	455	2.41	8.2	2.0	46.9	6.1	200	0.2	0.1	0.3	69
15937	Drill Core	0.355	4.72	71.9	3313	7.3	43	1.8	3.4	15.9	464	3.14	15.8	2.7	54.0	6.3	312	0.2	0.2	0.5	68
15938	Drill Core	0.218	4.60	48.6	2025	6.1	38	1.0	2.9	8.3	388	2.10	11.2	1.7	29.9	5.3	281	<0.1	0.1	0.3	64
15939	Drill Core		3.26	64.4	1018	6.6	61	0.5	2.2	4.7	385	1.58	21.9	1.4	11.3	5.4	149	0.2	0.2	0.2	37

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 6 of 7 Part 2

CERTIFICATE OF ANALYSIS

SMI10000215.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
15910	Drill Core	0.38	0.049	6	3	0.65	41	0.037	2	1.19	0.037	0.36	0.6	0.03	0.7	0.2	1.54	5	1.7	0.4	
15911	Drill Core	0.53	0.059	15	5	0.66	45	0.019	2	1.21	0.034	0.34	0.5	0.02	0.7	0.1	1.06	6	1.8	0.2	
15912	Drill Core	0.53	0.057	7	4	0.84	60	0.049	2	1.71	0.050	0.53	0.4	<0.01	0.9	0.2	0.76	7	0.9	<0.2	
15913	Drill Core	0.40	0.055	7	4	0.75	52	0.078	2	1.58	0.055	0.48	0.9	<0.01	1.2	0.2	0.97	7	0.7	<0.2	
15914	Drill Core	0.64	0.057	6	5	0.78	54	0.073	2	1.38	0.067	0.37	0.5	<0.01	1.0	0.1	1.02	6	1.5	0.7	
15915	Drill Core	0.73	0.060	6	5	0.73	42	0.083	2	1.37	0.079	0.24	0.8	<0.01	1.3	<0.1	1.00	7	1.0	0.7	
15916	Drill Core	0.76	0.059	6	4	0.75	37	0.090	3	1.51	0.101	0.26	0.5	<0.01	1.8	0.1	0.97	6	1.7	<0.2	
15917	Drill Core	0.86	0.062	7	5	0.74	63	0.060	3	1.54	0.094	0.36	0.4	0.03	1.3	0.2	1.87	7	2.9	0.8	0.180
15918	Drill Core	0.84	0.058	5	5	0.72	48	0.050	2	1.40	0.091	0.18	0.2	0.04	1.8	<0.1	1.40	7	2.8	0.6	
15919	Drill Core	1.12	0.057	6	4	0.79	41	0.089	2	1.57	0.104	0.18	0.3	0.02	2.5	<0.1	0.94	8	1.2	<0.2	
15920	Rock Pulp	0.77	0.066	6	67	0.94	92	0.099	5	2.02	0.076	0.16	4.7	0.24	3.9	0.2	0.80	6	3.3	<0.2	0.271
15921	Drill Core	1.20	0.051	5	3	0.77	42	0.087	3	1.72	0.112	0.15	0.4	<0.01	2.1	<0.1	0.80	8	1.2	<0.2	
15922	Drill Core	1.02	0.058	5	5	0.77	59	0.086	3	1.53	0.106	0.18	0.5	0.02	2.2	<0.1	1.26	7	3.2	0.5	
15923	Drill Core	1.48	0.066	6	5	0.77	59	0.108	4	1.77	0.134	0.14	0.5	0.01	2.5	<0.1	0.65	8	1.0	<0.2	
15924	Drill Core	1.26	0.064	6	4	0.92	50	0.113	4	2.03	0.141	0.17	0.4	0.02	2.3	<0.1	1.54	9	2.6	0.4	
15925	Drill Core	1.40	0.055	5	4	0.95	33	0.091	3	2.21	0.191	0.16	0.3	0.02	2.2	<0.1	1.17	9	2.9	0.3	
15926	Drill Core	1.25	0.059	5	4	0.88	32	0.113	4	2.26	0.370	0.16	0.4	0.02	2.5	<0.1	0.63	9	1.5	<0.2	
15927	Drill Core	1.60	0.061	6	4	0.75	49	0.086	2	2.26	0.239	0.14	0.3	0.03	2.2	<0.1	0.71	9	1.4	<0.2	
15928	Drill Core	1.42	0.068	6	5	0.78	59	0.119	4	1.89	0.155	0.16	0.5	0.03	2.3	<0.1	0.92	9	1.4	0.4	
15929	Drill Core	1.46	0.070	6	3	0.85	36	0.112	3	2.03	0.158	0.15	0.4	0.02	2.3	<0.1	0.56	9	1.4	<0.2	
15930	Drill Core	0.81	0.062	7	5	0.81	39	0.077	2	1.71	0.153	0.35	0.6	0.02	1.5	0.2	1.36	8	3.5	0.2	
15931	Drill Core	1.09	0.070	6	3	0.92	31	0.052	4	1.97	0.237	0.23	0.2	0.02	2.2	<0.1	0.83	8	1.9	0.3	
15932	Drill Core	1.21	0.065	11	14	0.83	25	0.037	4	1.55	0.248	0.22	0.3	0.05	2.6	<0.1	1.44	8	2.1	<0.2	
15933	Drill Core	1.67	0.067	8	36	1.11	26	0.042	5	1.95	0.185	0.22	0.3	0.03	3.0	<0.1	0.98	10	1.8	0.6	
15934	Drill Core	1.31	0.071	7	22	0.96	67	0.095	4	1.52	0.148	0.26	0.5	0.02	3.7	<0.1	0.93	8	1.1	0.4	
15935	Rock	0.51	0.082	11	30	0.57	186	0.112	2	1.04	0.106	0.16	0.1	0.15	2.8	<0.1	<0.05	4	<0.5	<0.2	
15936	Drill Core	1.48	0.072	9	6	0.87	148	0.045	4	1.30	0.127	0.14	0.2	0.02	2.7	<0.1	0.90	8	2.1	<0.2	
15937	Drill Core	1.78	0.074	7	<1	0.99	46	0.070	4	2.22	0.236	0.31	0.2	0.02	2.3	0.1	1.39	9	3.9	0.3	
15938	Drill Core	1.71	0.056	6	2	0.79	30	0.074	3	1.92	0.197	0.17	0.2	0.02	2.1	<0.1	0.74	8	2.2	0.4	
15939	Drill Core	0.96	0.061	6	5	0.52	48	0.024	3	1.12	0.122	0.18	0.2	0.03	1.1	<0.1	0.57	5	1.7	<0.2	

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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 7 of 7 Part 1

CERTIFICATE OF ANALYSIS

SMI10000215.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
15940	Drill Core		6.83	18.2	924.7	20.7	141	1.0	3.1	7.3	745	3.19	5.9	1.9	13.7	4.9	166	0.6	<0.1	0.8	52
15941	Drill Core		4.86	16.4	1722	24.7	99	2.3	2.7	5.3	739	3.16	6.4	2.2	23.1	5.7	148	0.2	<0.1	0.6	59
15942	Drill Core	0.199	3.16	111.0	2036	73.4	300	2.9	3.0	6.7	636	2.63	7.8	1.9	17.3	6.0	121	1.7	0.2	1.0	46
15943	Drill Core		4.39	133.2	1271	41.6	91	1.5	2.4	9.0	621	3.92	5.4	1.8	13.1	4.8	137	0.3	<0.1	1.0	63
15944	Drill Core		4.35	26.8	854.5	33.2	62	0.9	2.7	4.6	538	2.34	6.0	2.2	7.5	5.1	157	<0.1	0.2	0.3	62
15945	Drill Core		5.02	34.6	812.4	66.6	75	1.2	2.5	4.9	540	2.39	4.9	2.2	5.6	4.7	131	0.2	0.2	0.6	63
15946	Drill Core		5.04	14.6	1116	28.9	57	1.3	2.7	19.0	404	2.76	5.1	1.9	18.8	4.4	129	0.2	0.1	0.9	51
15947	Drill Core		4.81	11.4	1041	20.1	72	1.1	2.6	8.8	470	2.90	5.3	2.4	7.6	4.9	115	0.2	0.1	0.6	54
15948	Drill Core		4.22	87.3	454.1	10.0	51	0.4	2.8	3.9	479	2.22	4.2	1.9	4.8	3.9	148	<0.1	0.2	0.2	55
15949	Drill Core		4.49	10.2	607.9	29.0	58	0.6	2.6	5.4	483	2.41	3.7	2.1	8.9	4.8	172	<0.1	0.2	0.3	53
15950	Drill Core		1.88	52.8	640.1	21.7	64	0.7	2.9	5.9	485	2.20	4.1	2.0	13.9	5.3	158	0.1	0.1	0.3	59



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 7 of 7 Part 2

CERTIFICATE OF ANALYSIS

SMI10000215.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	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	0.005	
15940	Drill Core	1.13	0.063	7	7	0.79	53	0.061	2	1.47	0.121	0.21	0.3	0.03	1.7	<0.1	1.51	7	0.9	0.4	
15941	Drill Core	1.06	0.064	7	4	0.78	62	0.084	3	1.38	0.115	0.18	0.4	0.02	2.0	<0.1	1.41	7	1.7	0.4	
15942	Drill Core	0.77	0.058	7	9	0.69	101	0.041	3	1.23	0.117	0.24	0.2	0.03	1.5	<0.1	1.30	7	2.3	0.5	
15943	Drill Core	1.39	0.057	7	4	0.72	44	0.069	2	1.14	0.123	0.17	0.4	0.01	2.1	<0.1	1.97	7	1.7	0.4	
15944	Drill Core	1.39	0.066	9	7	0.76	88	0.125	3	1.28	0.158	0.18	0.5	0.02	3.0	<0.1	0.36	7	1.0	<0.2	
15945	Drill Core	1.21	0.067	9	5	0.74	130	0.119	2	1.22	0.205	0.16	0.7	<0.01	2.5	<0.1	0.29	7	1.4	<0.2	
15946	Drill Core	1.20	0.061	9	7	0.58	98	0.093	2	1.18	0.243	0.19	0.5	0.01	2.8	<0.1	0.99	6	2.1	0.7	
15947	Drill Core	1.28	0.058	8	5	0.66	99	0.101	3	1.06	0.188	0.17	0.7	0.02	2.5	<0.1	1.20	6	1.2	<0.2	
15948	Drill Core	1.37	0.057	9	10	0.64	84	0.108	3	1.21	0.204	0.18	0.4	<0.01	2.4	<0.1	0.22	6	<0.5	<0.2	
15949	Drill Core	1.42	0.064	8	4	0.67	61	0.101	2	1.23	0.225	0.16	0.4	0.01	2.7	<0.1	0.80	7	1.5	<0.2	
15950	Drill Core	1.53	0.068	10	6	0.67	82	0.064	4	1.26	0.226	0.23	0.3	0.02	3.0	<0.1	0.64	6	1.1	0.3	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
Report Date: July 30, 2010

Page: 1 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000215.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
Pulp Duplicates																					
15806	Drill Core	0.230	4.53	20.2	2226	1.4	26	1.6	2.6	6.5	439	2.11	6.5	1.7	79.8	5.6	108	<0.1	<0.1	0.2	55
REP 15806	QC			21.9	2263	1.6	27	1.6	2.7	6.4	448	2.13	6.8	1.8	76.7	5.8	115	<0.1	<0.1	0.2	56
REP 15820	QC			7.4	1090	28.5	114	1.7	3.1	9.8	720	3.27	7.6	2.1	61.4	6.6	102	0.5	<0.1	0.8	55
15869	Drill Core		4.34	30.3	1899	5.5	50	1.8	2.7	9.5	426	1.94	5.3	2.0	58.2	5.1	134	0.2	<0.1	0.1	70
REP 15869	QC			30.1	1925	5.5	50	1.9	3.0	9.8	428	1.96	5.2	1.9	60.4	5.2	132	0.1	<0.1	0.1	70
15874	Drill Core	0.292	4.60	86.9	2721	3.6	46	2.8	2.8	10.1	415	2.62	5.2	2.0	90.3	5.2	106	0.2	<0.1	0.2	59
REP 15874	QC	0.292																			
15889	Drill Core		4.56	16.6	1285	3.2	43	0.9	3.1	8.3	559	3.47	6.7	1.9	50.1	4.6	443	<0.1	<0.1	1.1	72
REP 15889	QC			15.7	1273	3.0	41	0.9	2.9	8.3	544	3.41	6.7	1.9	43.7	4.5	446	<0.1	<0.1	1.1	71
15894	Drill Core	0.302	4.74	62.6	2879	3.0	82	1.7	2.8	11.1	585	3.79	8.7	1.9	48.4	4.6	120	0.3	0.1	1.1	46
REP 15894	QC	0.299																			
15938	Drill Core	0.218	4.60	48.6	2025	6.1	38	1.0	2.9	8.3	388	2.10	11.2	1.7	29.9	5.3	281	<0.1	0.1	0.3	64
REP 15938	QC			48.5	2045	6.1	37	1.1	3.1	8.9	394	2.22	11.3	1.9	29.4	5.6	298	<0.1	0.1	0.3	66
Core Reject Duplicates																					
15820	Drill Core		4.27	7.6	1109	28.6	116	1.7	2.9	9.6	748	3.32	7.8	2.1	65.5	6.6	103	0.4	<0.1	0.8	55
DUP 15820	QC			7.8	1048	25.3	110	1.6	2.9	9.1	716	3.23	7.0	2.1	58.7	6.2	103	0.3	<0.1	0.7	56
15855	Drill Core		4.96	11.1	812.1	4.2	44	1.1	3.4	12.8	646	3.06	5.7	1.9	45.4	4.3	152	0.1	0.1	0.2	89
DUP 15855	QC			11.2	808.9	4.3	45	1.1	3.6	12.3	655	3.17	6.1	2.0	37.6	4.3	156	<0.1	0.1	0.2	91
15890	Drill Core		1.77	35.7	1131	2.4	38	0.8	2.3	9.8	438	3.94	7.4	2.2	49.0	4.8	266	<0.1	<0.1	0.7	54
DUP 15890	QC			33.1	1141	2.3	40	0.7	2.7	9.2	455	3.97	7.9	2.3	50.8	5.2	251	<0.1	<0.1	0.7	56
15925	Drill Core	0.266	4.41	13.4	2562	4.1	28	1.2	3.2	11.8	460	2.91	9.7	2.6	44.7	4.7	236	<0.1	<0.1	0.6	61
DUP 15925	QC			11.4	2452	3.7	26	1.3	2.7	11.2	443	2.84	9.1	2.4	45.2	4.4	232	<0.1	<0.1	0.6	59
Reference Materials																					
STD DS7	Standard			21.0	94.6	67.6	434	1.0	56.3	8.1	654	2.48	47.3	4.3	76.1	3.9	75	5.7	5.5	4.3	82
STD DS7	Standard			22.1	94.8	70.2	390	1.1	55.5	7.6	683	2.39	47.5	4.5	73.3	4.4	75	6.0	5.6	4.6	82
STD DS7	Standard			20.5	87.8	56.1	372	1.0	58.0	9.8	657	2.34	41.0	4.1	94.6	3.9	72	5.5	4.8	4.1	80
STD DS7	Standard			24.1	96.9	62.7	381	1.0	60.5	10.6	648	2.46	41.3	4.5	83.2	4.3	74	5.6	5.1	4.1	82
STD DS7	Standard			19.4	109.5	63.1	392	1.0	54.3	9.3	601	2.38	53.9	4.4	63.6	4.1	63	6.4	5.2	4.3	80

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 1 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000215.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
Pulp Duplicates																					
15806	Drill Core	1.33	0.068	11	5	0.94	99	0.016	7	1.13	0.062	0.21	<0.1	0.02	2.5	<0.1	0.96	8	2.8	<0.2	
REP 15806	QC	1.35	0.074	12	5	0.95	102	0.016	5	1.14	0.063	0.21	<0.1	0.02	2.5	<0.1	0.97	8	2.5	<0.2	
REP 15820	QC	1.31	0.077	8	5	0.87	47	0.031	4	1.17	0.074	0.22	0.1	0.05	2.7	<0.1	1.94	6	1.9	<0.2	
15869	Drill Core	1.35	0.066	6	6	0.69	23	0.086	4	1.57	0.080	0.13	0.5	0.02	2.1	<0.1	0.87	6	2.9	<0.2	
REP 15869	QC	1.36	0.067	6	6	0.69	23	0.089	4	1.57	0.080	0.13	0.5	0.01	2.1	<0.1	0.88	6	3.4	<0.2	
15874	Drill Core	1.08	0.068	6	3	0.76	35	0.075	2	1.35	0.076	0.20	0.5	0.03	2.0	<0.1	1.65	6	4.3	<0.2	
REP 15874	QC																				
15889	Drill Core	1.21	0.068	5	4	0.92	53	0.100	4	1.76	0.106	0.20	0.5	0.03	2.6	<0.1	1.64	8	1.5	0.8	
REP 15889	QC	1.20	0.067	5	4	0.93	50	0.099	3	1.72	0.098	0.20	0.5	0.03	2.4	<0.1	1.62	8	1.6	0.5	
15894	Drill Core	0.92	0.059	4	4	0.91	32	0.095	3	1.82	0.118	0.30	0.6	0.04	1.5	0.1	2.07	7	3.6	0.2	
REP 15894	QC																				
15938	Drill Core	1.71	0.056	6	2	0.79	30	0.074	3	1.92	0.197	0.17	0.2	0.02	2.1	<0.1	0.74	8	2.2	0.4	
REP 15938	QC	1.77	0.055	7	5	0.79	32	0.080	3	1.93	0.205	0.17	0.2	0.02	2.0	<0.1	0.75	8	2.3	<0.2	
Core Reject Duplicates																					
15820	Drill Core	1.33	0.077	8	5	0.88	46	0.031	3	1.19	0.076	0.23	0.2	0.06	2.6	<0.1	1.97	6	1.6	0.3	
DUP 15820	QC	1.31	0.076	8	5	0.86	49	0.032	4	1.20	0.081	0.24	0.2	0.05	2.7	<0.1	1.83	6	2.0	<0.2	
15855	Drill Core	1.46	0.090	6	4	1.02	50	0.111	4	1.91	0.092	0.16	0.5	<0.01	3.1	<0.1	1.25	8	2.3	<0.2	
DUP 15855	QC	1.48	0.089	6	5	1.03	54	0.104	4	2.00	0.098	0.17	0.6	0.01	3.1	<0.1	1.24	8	2.4	0.2	
15890	Drill Core	0.79	0.068	6	3	0.92	58	0.085	2	1.40	0.102	0.31	0.4	0.05	2.1	0.1	2.83	7	2.5	0.5	
DUP 15890	QC	0.81	0.069	6	3	0.95	63	0.089	3	1.41	0.101	0.31	0.5	0.05	2.2	0.1	2.79	6	2.5	0.5	
15925	Drill Core	1.40	0.055	5	4	0.95	33	0.091	3	2.21	0.191	0.16	0.3	0.02	2.2	<0.1	1.17	9	2.9	0.3	
DUP 15925	QC	1.42	0.056	5	4	0.90	31	0.086	3	2.20	0.192	0.15	0.3	0.02	2.1	<0.1	1.17	9	3.0	<0.2	
Reference Materials																					
STD DS7	Standard	0.96	0.078	12	212	1.09	422	0.103	41	1.06	0.098	0.50	4.0	0.24	2.0	3.9	0.20	5	3.2	1.1	
STD DS7	Standard	1.00	0.071	13	225	1.08	447	0.115	42	1.07	0.097	0.49	4.0	0.24	2.1	4.0	0.20	5	3.4	1.4	
STD DS7	Standard	0.98	0.078	12	252	1.03	388	0.097	43	0.99	0.091	0.50	3.8	0.23	1.9	3.9	0.19	5	3.8	1.2	
STD DS7	Standard	1.01	0.073	13	265	1.07	406	0.106	39	1.05	0.097	0.49	4.0	0.25	2.2	4.2	0.19	5	4.4	1.4	
STD DS7	Standard	0.94	0.076	11	185	1.04	401	0.105	41	1.02	0.094	0.48	3.6	0.22	2.2	4.0	0.20	5	3.5	1.1	

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000215.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
STD DS7	Standard			20.5	113.6	60.4	390	0.9	56.6	9.5	624	2.39	53.1	4.1	70.3	3.8	65	6.2	5.0	4.1	81
STD DS7	Standard			19.3	111.5	70.1	393	1.0	54.6	9.2	636	2.41	53.8	5.0	68.0	4.8	72	6.3	6.2	5.0	82
STD DS7	Standard			20.1	110.2	69.8	394	1.1	57.2	9.1	621	2.42	50.9	4.9	76.0	4.9	70	6.1	6.3	4.8	81
STD DS7	Standard			19.5	107.5	61.8	391	1.0	54.1	9.1	627	2.39	55.4	4.2	105.6	4.1	64	6.6	5.4	4.5	79
STD DS7	Standard			20.3	108.7	61.9	395	1.0	54.0	9.5	630	2.38	54.2	4.2	74.9	4.2	66	6.1	5.6	4.2	81
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD R4A	Standard	0.510																			
STD R4A	Standard	0.503																			
STD R4A	Standard	0.513																			
STD R4A	Standard	0.513																			
STD R4A	Standard	0.514																			
STD R4A	Standard	0.514																			
STD R4A	Standard	0.506																			
STD R4A	Standard	0.504																			
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD R4A Expected		0.502																			
STD OXH66 Expected																					
STD OXK79 Expected																					
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank			<0.1	0.7	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A
 Report Date: July 30, 2010

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000215.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G66	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
STD DS7	Standard	0.99	0.079	12	194	1.07	385	0.111	42	1.07	0.097	0.49	3.3	0.22	2.4	3.9	0.20	5	3.7	1.2		
STD DS7	Standard	0.97	0.080	13	200	1.06	399	0.127	37	1.04	0.092	0.48	3.6	0.22	2.1	4.2	0.21	5	3.4	1.2		
STD DS7	Standard	0.96	0.076	13	193	1.06	394	0.123	38	1.03	0.094	0.48	3.7	0.22	2.0	4.0	0.20	5	3.4	1.2		
STD DS7	Standard	0.95	0.079	11	190	1.05	416	0.100	43	1.07	0.105	0.47	3.5	0.23	2.3	4.0	0.18	5	4.0	1.6		
STD DS7	Standard	0.99	0.078	12	198	1.05	425	0.106	42	1.09	0.109	0.48	3.6	0.21	2.5	4.1	0.18	5	3.6	1.4		
STD OXH66	Standard																				1.227	
STD OXH66	Standard																					1.302
STD OXH66	Standard																					1.191
STD OXH66	Standard																					1.294
STD OXK79	Standard																					3.516
STD OXK79	Standard																					3.642
STD OXK79	Standard																					3.506
STD OXK79	Standard																					3.478
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08		
STD R4A Expected																						
STD OXH66 Expected																						1.285
STD OXK79 Expected																						3.532
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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																					
BLK	Blank	<0.01	<0.001	<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		

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A

Report Date: July 30, 2010

Page: 3 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000215.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
BLK	Blank			<0.1	0.6	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank																				
BLK	Blank	<0.001																			
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank			0.2	6.6	3.5	45	<0.1	3.3	3.6	554	1.88	1.0	1.8	<0.5	4.8	54	<0.1	<0.1	<0.1	36
G1	Prep Blank			0.4	15.2	3.0	55	<0.1	3.6	3.7	548	1.92	1.0	1.5	0.6	4.9	59	<0.1	0.5	<0.1	37



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika - 146A

Report Date: July 30, 2010

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000215.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
Prep Wash																					
G1	Prep Blank	0.51	0.079	11	9	0.56	173	0.106	1	0.97	0.084	0.53	0.2	<0.01	1.6	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.52	0.078	11	11	0.56	163	0.105	2	0.97	0.087	0.53	0.2	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2	

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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: July 08, 2010
Report Date: August 17, 2010
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI10000236.2

CLIENT JOB INFORMATION

Project: Kwaninka - 147
Shipment ID: 2010-03
P.O. Number
Number of Samples: 110

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
7AR	7	1:1:1 Aqua Regia Digestion ICP-ES Finish	1	Completed	VAN
R200-250	107	Crush split and pulverize 250g drill core to 200 mesh			SMI
1DX2	110	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G601	4	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
8TD	1	4 Acid Digest AAS Finish	1	Completed	VAN

ADDITIONAL COMMENTS

Version 2: Mo by 8TD included



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147
 Report Date: August 17, 2010

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI10000236.2

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538001	Drill Core		3.95	134.9	1769	10.4	84	1.2	3.4	20.7	1062	5.61	11.3	2.0	130.5	5.3	125	0.5	<0.1	1.1	43
538002	Drill Core	0.290	3.42	181.2	2892	6.3	64	2.0	2.6	7.7	830	2.71	22.8	1.4	66.9	5.5	154	0.4	0.1	0.6	39
538003	Drill Core		2.96	105.1	825.1	7.3	66	0.6	2.0	6.3	1105	3.13	6.6	1.5	26.9	5.4	98	0.2	<0.1	0.3	43
538004	Drill Core		3.78	160.6	1002	18.3	84	0.8	2.2	7.8	1339	3.98	149.6	2.8	29.2	3.0	98	0.3	0.3	0.8	46
538005	Drill Core		3.47	146.0	1679	17.0	102	1.5	4.2	10.1	1097	4.77	561.6	74.4	70.6	2.2	142	0.5	1.3	0.9	46
538006	Drill Core		5.04	119.1	703.6	9.8	61	0.6	2.7	6.5	1088	3.97	205.4	50.6	31.4	2.1	156	0.2	0.5	0.5	52
538007	Drill Core		4.85	96.5	860.0	9.0	64	0.7	68.1	21.4	1206	4.39	84.6	3.8	33.2	1.7	486	0.2	0.1	0.9	104
538008	Drill Core		4.55	29.9	793.1	4.0	44	0.6	6.9	7.2	658	2.64	127.2	2.1	32.5	4.7	115	<0.1	0.2	0.4	42
538009	Drill Core		2.04	250.2	1485	12.9	53	1.9	7.1	14.3	596	2.40	213.5	2.0	59.1	5.0	116	0.3	0.5	1.3	38
538010	Drill Core		4.45	55.1	684.1	4.8	57	0.6	27.9	18.1	900	3.58	22.3	1.6	21.2	4.5	168	0.1	<0.1	0.5	70
538011	Drill Core		4.32	54.6	191.1	4.4	49	0.2	4.5	5.4	728	2.71	9.7	2.2	8.0	6.6	111	0.2	<0.1	0.2	43
538012	Drill Core		4.16	35.5	407.0	4.6	41	0.3	7.7	10.6	578	2.40	14.2	2.0	12.8	6.3	113	0.1	<0.1	0.3	45
538013	Drill Core		4.96	21.7	766.0	19.4	99	0.6	105.7	37.1	1386	4.57	11.1	1.5	12.9	2.8	329	0.3	<0.1	0.5	97
538014	Drill Core		5.36	10.3	1262	46.1	98	1.0	87.2	40.4	1347	4.59	21.9	2.4	18.8	1.5	303	0.4	0.1	0.8	129
538015	Rock Pulp	0.691	0.12	8.1	6536	23.8	112	2.3	16.4	9.1	913	6.22	30.2	0.6	727.8	1.7	63	0.8	24.8	0.9	37
538016	Drill Core		4.58	93.8	776.4	125.3	164	0.6	22.9	27.7	467	5.24	82.8	3.0	63.5	3.4	112	0.8	0.3	1.6	50
538017	Drill Core		4.16	122.7	431.1	66.5	77	0.4	2.1	5.9	405	2.72	30.3	1.4	42.5	4.0	94	0.2	<0.1	0.9	38
538018	Drill Core		4.21	173.7	323.7	48.9	34	0.2	1.7	4.9	232	2.33	7.8	1.0	23.0	4.7	62	0.1	<0.1	0.4	36
538019	Drill Core		3.41	63.1	437.4	61.2	70	0.4	3.2	15.4	331	1.61	25.1	1.2	18.8	4.4	62	0.3	<0.1	0.5	35
538020	Drill Core		1.41	7.0	587.0	16.8	42	0.4	4.8	9.2	251	3.90	2.7	1.3	6.6	2.3	80	0.1	<0.1	0.7	47
538021	Drill Core		3.83	13.8	218.6	17.8	32	0.3	3.8	15.2	235	3.52	9.0	1.3	4.6	2.0	71	0.2	<0.1	1.0	46
538022	Drill Core		3.83	66.0	120.4	20.7	27	0.2	4.6	27.8	259	2.78	30.4	8.2	6.1	2.1	89	0.1	<0.1	0.7	31
538023	Drill Core		1.84	55.2	103.9	132.2	25	0.4	3.0	23.2	192	3.36	36.2	6.7	7.7	1.9	56	0.2	<0.1	1.9	20
538024	Drill Core		3.92	72.9	164.7	117.3	91	0.4	3.2	30.9	198	3.88	60.2	8.9	15.1	2.6	66	0.6	0.2	1.8	20
538025	Drill Core		1.69	448.6	625.9	115.6	5832	0.5	3.4	125.5	349	6.81	138.5	1.5	22.1	3.6	68	33.9	0.4	1.6	35
538026	Drill Core		5.46	171.4	979.5	116.5	29	0.8	1.6	27.0	208	4.55	24.1	5.3	26.1	4.7	65	0.1	<0.1	1.7	25
538027	Drill Core		3.12	22.0	858.1	18.9	68	0.6	2.1	3.5	510	1.78	8.7	1.5	13.3	5.0	101	0.2	<0.1	0.2	53
538028	Drill Core		1.54	7.4	365.7	12.0	52	0.3	2.1	3.5	319	1.55	21.5	2.4	12.0	5.3	82	0.1	0.2	0.2	56
538029	Drill Core	0.216	4.37	17.6	2239	58.1	83	1.6	2.1	3.6	482	1.70	16.5	2.1	29.7	5.2	131	0.3	0.1	0.6	62
538030	Rock Pulp	0.318	0.11	39.2	3138	85.5	351	3.1	130.8	14.8	770	4.15	64.7	0.5	134.6	1.5	39	1.8	4.1	1.0	57

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147
 Report Date: August 17, 2010

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI10000236.2

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
538001	Drill Core	0.74	0.060	13	4	0.69	37	0.008	4	0.59	0.042	0.24	0.4	0.02	1.8	0.2	3.20	3	3.3	0.6	0.150
538002	Drill Core	1.74	0.058	12	5	0.83	42	0.004	2	0.31	0.050	0.16	0.3	0.02	1.9	<0.1	1.16	2	2.9	0.2	
538003	Drill Core	1.10	0.065	13	5	0.62	52	0.007	3	0.38	0.058	0.18	0.4	<0.01	2.6	<0.1	0.85	3	1.1	<0.2	
538004	Drill Core	1.42	0.034	5	4	0.87	128	0.005	6	0.40	0.049	0.24	0.3	0.01	2.8	<0.1	1.03	3	1.4	<0.2	
538005	Drill Core	1.85	0.013	2	2	0.92	48	0.001	9	0.41	0.058	0.16	0.3	0.03	2.8	0.1	2.12	3	2.9	0.5	
538006	Drill Core	2.71	0.012	3	3	1.17	116	0.002	9	0.37	0.059	0.16	0.3	0.01	2.8	<0.1	1.08	3	1.1	<0.2	
538007	Drill Core	3.84	0.108	6	46	2.44	197	0.013	6	1.28	0.117	0.59	0.2	<0.01	10.8	0.2	0.44	6	0.7	0.4	
538008	Drill Core	2.17	0.051	6	4	0.95	61	0.002	4	0.30	0.051	0.14	0.1	<0.01	2.6	<0.1	0.55	2	0.8	<0.2	
538009	Drill Core	2.38	0.055	8	3	0.94	58	0.001	4	0.28	0.054	0.12	0.1	0.03	2.5	<0.1	1.08	2	2.7	0.7	
538010	Drill Core	2.37	0.089	11	16	1.25	63	0.005	5	0.50	0.066	0.24	0.2	<0.01	5.8	<0.1	0.80	3	1.4	0.3	
538011	Drill Core	2.12	0.054	9	4	0.96	86	0.004	3	0.31	0.052	0.17	0.4	<0.01	2.2	<0.1	0.47	2	<0.5	<0.2	
538012	Drill Core	1.88	0.060	11	4	0.84	72	0.004	2	0.27	0.058	0.12	0.3	<0.01	2.8	0.2	0.67	1	1.4	<0.2	
538013	Drill Core	3.22	0.089	6	94	2.73	79	0.018	7	1.08	0.063	0.23	0.2	0.03	9.9	<0.1	1.11	7	1.6	0.3	
538014	Drill Core	3.81	0.091	5	98	2.86	85	0.036	7	1.05	0.054	0.29	0.3	0.04	11.0	<0.1	1.45	6	1.6	0.4	
538015	Rock Pulp	1.77	0.067	3	30	0.87	45	0.038	4	0.64	0.044	0.29	1.3	2.20	2.6	0.3	2.28	3	8.8	0.2	0.686
538016	Drill Core	1.74	0.042	4	16	0.95	35	0.003	4	0.36	0.036	0.20	0.5	0.06	2.4	<0.1	3.89	2	2.5	0.3	
538017	Drill Core	1.36	0.050	5	4	0.57	70	0.005	3	0.40	0.045	0.23	0.2	0.04	1.6	<0.1	1.85	2	0.9	0.2	
538018	Drill Core	0.93	0.053	5	5	0.44	76	0.005	3	0.36	0.060	0.19	0.2	0.02	1.5	<0.1	1.58	2	0.9	<0.2	
538019	Drill Core	1.06	0.054	5	6	0.45	89	0.003	3	0.30	0.045	0.14	0.1	0.01	1.7	<0.1	0.80	1	1.4	<0.2	
538020	Drill Core	1.01	0.022	<1	3	0.45	118	0.001	2	0.15	0.031	0.11	0.3	0.01	1.5	<0.1	0.88	<1	0.9	<0.2	
538021	Drill Core	1.20	0.022	<1	4	0.45	129	0.001	2	0.16	0.026	0.13	0.2	<0.01	1.2	<0.1	0.86	<1	0.7	<0.2	
538022	Drill Core	1.64	0.021	2	4	0.54	63	<0.001	3	0.22	0.031	0.13	0.2	0.02	2.2	<0.1	1.65	<1	2.0	0.3	
538023	Drill Core	1.17	0.025	2	4	0.36	30	0.001	3	0.19	0.024	0.14	0.2	0.03	1.5	<0.1	3.01	<1	2.1	0.4	
538024	Drill Core	1.20	0.036	2	3	0.39	25	0.001	3	0.26	0.027	0.17	0.3	0.03	1.1	<0.1	3.65	1	2.2	0.7	
538025	Drill Core	1.10	0.038	3	<1	0.46	14	0.003	5	0.35	0.030	0.19	0.4	0.58	1.4	0.2	6.57	2	3.5	1.8	
538026	Drill Core	1.06	0.047	4	3	0.32	19	0.003	2	0.41	0.026	0.25	0.3	0.03	0.9	<0.1	3.87	2	4.0	0.7	
538027	Drill Core	1.65	0.061	9	4	0.55	108	0.005	3	0.36	0.050	0.17	0.2	0.01	2.5	<0.1	0.35	2	<0.5	0.2	
538028	Drill Core	0.98	0.061	8	3	0.55	101	0.006	1	0.40	0.061	0.18	0.2	0.02	2.1	<0.1	0.50	3	<0.5	<0.2	
538029	Drill Core	1.31	0.072	13	5	0.73	63	0.010	2	0.52	0.071	0.27	0.2	0.01	2.7	<0.1	0.52	3	1.3	0.3	
538030	Rock Pulp	0.76	0.066	7	66	0.93	100	0.113	5	1.93	0.070	0.16	4.7	0.21	3.9	0.2	0.77	6	3.5	<0.2	0.292

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Serengeti Resources

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147

Report Date: August 17, 2010

Page: 2 of 5 Part 3

CERTIFICATE OF ANALYSIS

SMI10000236.2

	Method	8TD
	Analyte	Mo
	Unit	%
	MDL	0.001
538001	Drill Core	N.A.
538002	Drill Core	N.A.
538003	Drill Core	N.A.
538004	Drill Core	N.A.
538005	Drill Core	N.A.
538006	Drill Core	N.A.
538007	Drill Core	N.A.
538008	Drill Core	N.A.
538009	Drill Core	N.A.
538010	Drill Core	N.A.
538011	Drill Core	N.A.
538012	Drill Core	N.A.
538013	Drill Core	N.A.
538014	Drill Core	N.A.
538015	Rock Pulp	N.A.
538016	Drill Core	N.A.
538017	Drill Core	N.A.
538018	Drill Core	N.A.
538019	Drill Core	N.A.
538020	Drill Core	N.A.
538021	Drill Core	N.A.
538022	Drill Core	N.A.
538023	Drill Core	N.A.
538024	Drill Core	N.A.
538025	Drill Core	N.A.
538026	Drill Core	N.A.
538027	Drill Core	N.A.
538028	Drill Core	N.A.
538029	Drill Core	N.A.
538030	Rock Pulp	N.A.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147
 Report Date: August 17, 2010

Page: 3 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI10000236.2

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538031	Drill Core	4.47	84.2	695.8	31.2	234	0.5	1.2	2.8	539	1.32	15.1	2.0	18.8	5.4	98	1.4	0.2	0.2	63	
538032	Drill Core	4.75	18.2	129.1	20.2	65	0.1	1.4	2.4	523	1.44	6.0	2.4	11.1	5.2	156	<0.1	<0.1	0.4	88	
538033	Drill Core	4.68	31.9	209.0	28.9	134	0.2	1.6	5.1	414	1.78	4.1	1.6	6.8	4.9	116	0.6	<0.1	0.4	53	
538034	Drill Core	3.82	19.5	255.4	8.8	45	0.2	2.2	5.0	351	2.45	4.8	2.1	5.7	5.0	186	0.2	<0.1	0.2	52	
538035	Drill Core	3.99	77.3	149.9	20.7	22	0.1	1.4	3.7	175	2.23	4.3	0.9	3.3	2.1	82	<0.1	<0.1	0.3	50	
538036	Drill Core	4.67	30.6	278.2	78.4	30	0.3	1.3	4.4	232	2.30	3.5	1.3	6.1	2.6	165	<0.1	<0.1	0.9	49	
538037	Drill Core	4.97	14.0	206.2	5.3	13	0.1	1.3	8.7	149	2.43	5.5	1.1	5.3	2.7	196	<0.1	<0.1	0.2	42	
538038	Drill Core	5.03	52.9	231.4	8.9	12	0.1	1.9	8.8	125	2.84	3.6	1.2	7.4	3.6	126	<0.1	<0.1	0.3	33	
538039	Drill Core	4.87	30.5	483.8	9.4	16	0.2	2.1	10.1	181	3.19	9.5	1.1	17.2	3.2	102	<0.1	0.2	0.4	35	
538040	Drill Core	4.85	3.6	232.7	10.4	14	0.1	1.8	7.4	161	2.81	6.1	0.9	29.6	2.7	90	<0.1	<0.1	0.2	33	
538041	Drill Core	4.71	44.5	221.1	14.9	14	0.2	1.2	6.0	140	1.49	21.9	1.0	5.6	3.3	80	<0.1	<0.1	0.2	38	
538042	Drill Core	4.60	54.3	275.6	7.9	20	0.2	1.2	1.4	169	0.89	88.2	5.7	8.0	5.0	79	<0.1	0.1	<0.1	43	
538043	Drill Core	4.22	155.3	366.7	7.4	20	0.4	1.8	3.4	159	1.86	31.2	1.0	15.5	4.2	54	<0.1	0.1	0.2	23	
538044	Drill Core	4.41	77.5	349.6	17.1	42	0.3	1.7	7.2	239	2.07	12.6	0.8	11.8	4.0	109	<0.1	<0.1	0.2	51	
538045	Rock	0.63	1.2	22.1	3.0	47	<0.1	21.6	7.8	440	2.23	4.3	0.6	2.1	3.1	37	0.1	0.4	<0.1	49	
538046	Drill Core	4.73	23.7	1119	17.4	35	0.4	1.8	3.7	254	1.27	13.4	1.0	19.1	5.6	93	0.2	<0.1	0.1	50	
538047	Drill Core	4.98	213.0	300.6	62.9	418	0.5	1.7	3.6	334	1.55	12.9	1.2	4.5	4.4	85	1.9	<0.1	1.2	38	
538048	Drill Core	4.90	49.3	197.3	5.7	44	0.1	1.0	1.4	266	0.77	19.7	1.1	3.4	4.5	85	<0.1	<0.1	<0.1	40	
538049	Drill Core	0.464	2.61	>2000	4513	50.1	304	1.2	1.1	5.8	172	1.61	51.8	0.4	20.4	2.3	39	<0.1	0.2	0.6	23
538050	Drill Core	4.88	266.1	247.5	25.5	46	0.2	1.3	4.6	206	1.56	8.8	1.0	7.8	4.7	60	<0.1	<0.1	0.2	31	
538051	Drill Core	4.01	21.4	541.4	14.1	54	0.4	1.5	3.5	320	1.93	20.2	1.1	7.2	4.5	88	0.2	<0.1	0.2	40	
538052	Drill Core	5.34	222.7	151.8	22.6	36	<0.1	1.0	2.3	261	1.51	8.5	1.1	4.5	3.8	83	<0.1	<0.1	0.2	26	
538053	Drill Core	4.87	185.0	392.0	99.1	310	0.4	1.4	3.8	322	2.11	34.1	0.7	8.3	3.7	64	1.7	<0.1	0.7	30	
538054	Drill Core	4.11	69.7	263.1	239.6	468	0.6	1.1	2.6	488	1.25	31.2	1.0	5.6	5.3	97	1.9	<0.1	2.0	32	
538055	Drill Core	4.76	118.9	273.5	55.2	273	0.3	1.4	6.5	449	2.08	12.4	1.1	5.6	4.1	100	0.9	0.4	0.4	38	
538056	Drill Core	5.15	13.4	300.6	27.1	209	0.3	13.8	12.1	841	2.93	6.2	1.2	6.6	3.8	158	0.5	<0.1	0.1	71	
538057	Drill Core	3.89	64.1	306.1	37.1	364	0.3	3.5	6.0	529	1.82	6.1	1.0	12.5	4.2	124	1.7	<0.1	0.1	48	
538058	Drill Core	4.91	13.7	103.3	23.3	62	<0.1	1.6	3.3	410	1.42	4.4	1.0	4.7	4.5	105	0.2	<0.1	<0.1	38	
538059	Drill Core	4.63	34.4	227.7	28.7	60	0.2	1.4	3.9	417	1.52	13.0	1.0	9.9	5.3	187	0.2	<0.1	0.2	34	
538060	Drill Core	2.12	18.5	157.2	31.9	131	0.2	2.1	6.6	328	2.01	15.0	1.1	5.9	5.2	97	0.6	<0.1	0.2	28	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147
 Report Date: August 17, 2010

Page: 3 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI10000236.2

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
538031	Drill Core	1.58	0.069	8	4	0.67	144	0.006	1	0.30	0.073	0.15	0.3	0.02	2.0	<0.1	0.23	2	0.7	<0.2	
538032	Drill Core	1.87	0.074	10	5	0.74	109	0.010	2	0.22	0.072	0.08	0.4	<0.01	2.4	<0.1	0.14	2	<0.5	<0.2	
538033	Drill Core	1.06	0.060	7	5	0.52	99	0.006	1	0.40	0.061	0.17	0.3	0.02	2.1	<0.1	0.77	3	<0.5	<0.2	
538034	Drill Core	1.16	0.059	9	5	0.72	74	0.009	1	0.50	0.078	0.16	0.3	0.01	1.9	<0.1	1.43	4	0.8	<0.2	
538035	Drill Core	0.79	0.045	5	5	0.52	77	0.009	1	0.60	0.069	0.20	0.3	0.04	1.3	<0.1	1.32	4	0.8	<0.2	
538036	Drill Core	1.21	0.068	8	7	0.72	89	0.008	2	0.56	0.084	0.13	0.3	0.01	1.6	<0.1	1.16	4	0.8	<0.2	
538037	Drill Core	1.14	0.072	6	6	0.62	80	0.007	3	0.53	0.105	0.13	0.2	0.02	1.7	<0.1	1.42	3	1.0	<0.2	
538038	Drill Core	0.98	0.067	5	6	0.39	54	0.004	2	0.45	0.075	0.21	0.3	0.03	1.4	<0.1	2.16	2	1.2	<0.2	
538039	Drill Core	1.54	0.075	10	4	0.37	64	0.004	4	0.45	0.065	0.22	0.2	0.06	1.8	<0.1	2.10	3	1.2	0.3	
538040	Drill Core	1.51	0.074	10	5	0.39	61	0.003	3	0.39	0.072	0.17	0.2	0.04	2.0	<0.1	1.88	2	0.6	0.4	
538041	Drill Core	1.53	0.044	2	5	0.42	164	0.002	4	0.33	0.050	0.18	0.2	<0.01	1.9	<0.1	0.66	1	0.7	<0.2	
538042	Drill Core	1.49	0.059	2	4	0.49	346	0.001	5	0.36	0.067	0.19	0.1	0.03	2.8	<0.1	0.21	2	<0.5	<0.2	
538043	Drill Core	1.06	0.063	2	5	0.35	87	0.002	3	0.40	0.055	0.23	0.3	0.03	1.3	<0.1	1.39	2	1.0	0.3	
538044	Drill Core	1.27	0.058	5	5	0.51	63	0.004	1	0.32	0.071	0.17	0.3	<0.01	2.0	<0.1	1.13	2	0.9	<0.2	
538045	Rock	0.54	0.071	10	22	0.58	141	0.096	1	1.03	0.077	0.14	<0.1	<0.01	3.3	<0.1	<0.05	4	<0.5	<0.2	
538046	Drill Core	1.19	0.061	8	5	0.44	72	0.004	2	0.36	0.079	0.19	0.1	<0.01	2.5	<0.1	0.54	2	0.9	<0.2	
538047	Drill Core	1.25	0.073	6	5	0.51	84	0.004	2	0.40	0.074	0.22	0.1	0.05	1.8	<0.1	1.11	2	1.3	<0.2	
538048	Drill Core	0.96	0.063	5	5	0.38	122	0.003	2	0.35	0.075	0.18	0.1	0.01	2.5	<0.1	0.27	2	<0.5	<0.2	
538049	Drill Core	0.74	0.026	2	7	0.30	118	0.001	2	0.26	0.054	0.14	0.8	0.05	0.6	<0.1	1.20	<1	2.2	0.3	
538050	Drill Core	0.97	0.057	4	5	0.38	109	0.004	2	0.37	0.074	0.20	0.2	0.02	1.7	<0.1	1.14	1	0.8	<0.2	
538051	Drill Core	1.21	0.061	6	4	0.47	106	0.003	2	0.38	0.076	0.21	0.2	<0.01	2.1	<0.1	1.37	2	1.4	<0.2	
538052	Drill Core	1.06	0.043	4	5	0.42	104	0.002	3	0.37	0.074	0.20	0.1	0.01	1.3	<0.1	1.16	1	0.9	<0.2	
538053	Drill Core	1.11	0.049	3	5	0.45	75	0.002	3	0.39	0.066	0.21	0.3	0.03	1.2	<0.1	1.59	2	1.2	<0.2	
538054	Drill Core	1.49	0.051	5	5	0.56	214	0.002	5	0.35	0.066	0.19	<0.1	0.04	1.7	<0.1	0.46	2	1.0	<0.2	
538055	Drill Core	1.28	0.046	5	4	0.52	83	0.003	3	0.40	0.061	0.22	0.2	0.03	1.5	0.1	1.26	2	1.0	0.2	
538056	Drill Core	2.82	0.079	10	64	1.06	55	0.016	5	0.98	0.075	0.23	0.3	<0.01	7.6	<0.1	0.64	6	0.6	<0.2	
538057	Drill Core	2.18	0.062	7	10	0.47	77	0.007	5	0.62	0.078	0.23	0.2	0.03	3.0	<0.1	0.56	3	0.8	<0.2	
538058	Drill Core	1.51	0.053	7	5	0.49	194	0.004	5	0.42	0.073	0.20	<0.1	0.01	1.8	<0.1	0.63	2	0.7	<0.2	
538059	Drill Core	1.82	0.050	6	3	0.45	174	0.002	6	0.42	0.077	0.21	0.1	<0.01	1.9	<0.1	0.73	2	0.7	<0.2	
538060	Drill Core	0.91	0.052	5	3	0.38	96	0.003	6	0.42	0.074	0.20	0.1	0.02	1.8	<0.1	1.32	2	1.1	<0.2	

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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147
Report Date: August 17, 2010

Page: 3 of 5 Part 3

CERTIFICATE OF ANALYSIS

SMI10000236.2

	Method	8TD
	Analyte	Mo
	Unit	%
	MDL	0.001
538031	Drill Core	N.A.
538032	Drill Core	N.A.
538033	Drill Core	N.A.
538034	Drill Core	N.A.
538035	Drill Core	N.A.
538036	Drill Core	N.A.
538037	Drill Core	N.A.
538038	Drill Core	N.A.
538039	Drill Core	N.A.
538040	Drill Core	N.A.
538041	Drill Core	N.A.
538042	Drill Core	N.A.
538043	Drill Core	N.A.
538044	Drill Core	N.A.
538045	Rock	N.A.
538046	Drill Core	N.A.
538047	Drill Core	N.A.
538048	Drill Core	N.A.
538049	Drill Core	0.218
538050	Drill Core	N.A.
538051	Drill Core	N.A.
538052	Drill Core	N.A.
538053	Drill Core	N.A.
538054	Drill Core	N.A.
538055	Drill Core	N.A.
538056	Drill Core	N.A.
538057	Drill Core	N.A.
538058	Drill Core	N.A.
538059	Drill Core	N.A.
538060	Drill Core	N.A.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147
 Report Date: August 17, 2010

Page: 4 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI10000236.2

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538061	Drill Core	2.30	24.0	156.6	28.9	116	0.2	1.9	7.1	318	1.97	18.8	1.0	6.5	4.9	96	0.4	<0.1	0.2	28	
538062	Drill Core	8.85	65.1	151.4	78.6	380	0.5	1.2	8.4	396	2.30	13.4	0.9	9.1	4.8	64	2.3	<0.1	0.7	25	
538063	Drill Core	6.03	88.4	303.3	17.6	50	0.3	1.3	6.9	371	1.91	3.2	1.3	11.0	5.2	524	0.1	<0.1	0.2	43	
538064	Drill Core	4.02	49.4	336.4	20.4	44	0.3	1.6	3.9	332	1.75	3.2	0.9	6.8	4.5	88	<0.1	<0.1	0.2	49	
538065	Drill Core	5.59	27.7	264.6	24.1	66	0.2	1.7	5.2	389	1.99	3.5	1.4	8.5	5.1	113	0.1	<0.1	<0.1	63	
538066	Drill Core	5.35	26.7	284.2	53.3	63	0.3	1.4	5.5	462	1.95	4.3	1.4	9.9	4.5	97	0.2	<0.1	0.5	64	
538067	Drill Core	5.74	26.4	308.3	24.2	150	0.3	1.4	4.2	716	2.01	2.9	1.3	27.5	4.1	144	0.4	<0.1	0.2	53	
538068	Drill Core	5.10	33.3	261.6	36.6	76	0.3	2.2	10.2	451	1.98	3.6	1.0	3.7	4.7	97	0.3	<0.1	0.4	48	
538069	Drill Core	4.72	38.1	583.2	20.3	38	0.6	1.9	23.9	377	2.77	7.6	1.5	51.3	3.4	124	0.1	0.1	1.5	34	
538070	Drill Core	4.74	783.9	380.7	17.8	30	0.2	1.5	6.0	248	2.12	11.1	2.5	6.2	3.1	107	<0.1	0.1	0.3	38	
538071	Drill Core	5.24	90.3	50.9	39.4	53	0.1	1.4	3.3	294	2.49	4.8	1.2	7.0	2.7	90	0.2	<0.1	0.5	35	
538072	Drill Core	4.86	39.2	43.5	13.2	49	<0.1	2.0	4.7	344	3.34	8.0	1.8	6.8	2.5	370	<0.1	0.2	0.5	46	
538073	Drill Core	5.53	53.0	391.9	72.4	340	0.6	1.6	8.8	509	3.09	5.9	1.3	11.3	2.6	79	2.3	0.1	1.1	38	
538074	Drill Core	4.98	34.9	192.6	18.3	153	0.3	1.8	11.3	448	2.42	4.5	1.8	4.7	3.2	78	0.9	<0.1	0.4	40	
538075	Rock	0.24	1.2	23.3	3.6	47	<0.1	34.6	8.4	407	2.18	3.8	0.6	3.6	3.1	49	0.1	0.7	<0.1	42	
538076	Drill Core	4.67	9.5	74.7	12.8	756	0.1	2.2	11.4	761	2.22	5.7	1.6	6.4	4.8	108	4.4	<0.1	0.2	50	
538077	Drill Core	5.28	1.7	104.7	5.6	49	<0.1	2.0	7.8	431	1.73	4.6	1.8	3.3	4.8	100	<0.1	<0.1	<0.1	54	
538078	Drill Core	4.08	92.7	195.8	7.6	54	0.2	1.6	10.1	474	2.28	5.1	1.1	6.1	3.3	246	<0.1	<0.1	0.3	56	
538079	Drill Core	4.81	27.6	47.6	3.5	43	<0.1	2.5	8.1	426	2.15	4.3	1.1	2.3	3.1	157	<0.1	0.1	<0.1	56	
538080	Drill Core	5.57	10.4	75.8	4.7	26	<0.1	1.7	8.2	262	2.49	5.3	1.6	4.5	3.2	137	<0.1	<0.1	0.2	46	
538081	Drill Core	4.65	12.9	118.4	3.4	27	0.1	2.1	9.1	271	2.37	4.6	2.2	3.2	4.5	234	<0.1	<0.1	0.1	57	
538082	Drill Core	5.02	10.3	159.2	5.5	47	0.1	2.2	9.6	469	1.66	3.6	1.5	3.6	5.0	215	0.1	<0.1	<0.1	54	
538083	Drill Core	5.70	3.9	215.4	86.3	74	0.3	2.3	11.8	708	2.49	4.7	1.4	3.8	4.3	197	0.2	<0.1	0.7	56	
538084	Drill Core	5.23	1.7	141.7	9.7	42	0.1	2.0	8.9	496	2.33	4.5	2.2	2.5	6.3	176	0.1	<0.1	0.1	46	
538085	Drill Core	6.82	2.4	89.5	4.3	43	<0.1	2.0	10.3	360	2.58	5.4	1.5	5.5	4.8	133	<0.1	<0.1	0.2	40	
538086	Drill Core	5.09	2.9	59.0	4.2	31	<0.1	2.1	13.5	293	2.35	8.8	2.1	5.7	4.9	119	<0.1	<0.1	0.1	41	
538087	Drill Core	4.93	6.3	88.0	6.0	81	0.1	2.1	23.4	338	3.02	17.5	2.5	3.7	4.2	117	0.3	0.3	0.2	33	
538088	Drill Core	4.39	6.4	46.0	8.8	36	<0.1	1.7	10.1	308	2.29	7.7	1.8	8.8	2.7	128	0.2	0.1	0.1	40	
538089	Drill Core	5.65	7.5	52.8	6.1	58	<0.1	2.6	21.1	259	3.02	12.7	1.2	3.6	2.4	342	0.3	0.1	0.2	33	
538090	Rock Pulp	0.316	0.12	40.3	3198	97.8	337	3.2	135.2	15.6	758	4.22	62.2	0.5	121.7	1.6	34	1.7	3.8	0.8	57

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147
 Report Date: August 17, 2010

Page: 4 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI10000236.2

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
538061	Drill Core	0.89	0.050	5	3	0.38	108	0.003	6	0.43	0.075	0.21	0.1	<0.01	1.8	<0.1	1.28	2	0.9	<0.2	
538062	Drill Core	0.74	0.049	4	6	0.42	80	0.006	4	0.45	0.062	0.25	0.2	0.03	0.9	<0.1	1.52	2	1.3	0.5	
538063	Drill Core	1.10	0.059	8	4	0.58	147	0.012	3	0.59	0.084	0.23	0.2	<0.01	1.6	<0.1	0.73	4	0.5	<0.2	
538064	Drill Core	0.78	0.050	6	5	0.52	98	0.013	2	0.59	0.067	0.25	0.2	<0.01	1.6	<0.1	0.55	3	<0.5	<0.2	
538065	Drill Core	0.98	0.056	7	5	0.67	75	0.014	2	0.69	0.081	0.21	0.2	<0.01	2.1	<0.1	0.62	5	0.8	<0.2	
538066	Drill Core	1.33	0.063	9	5	0.72	160	0.014	2	0.62	0.086	0.18	0.3	<0.01	1.9	<0.1	0.41	4	1.0	<0.2	
538067	Drill Core	1.46	0.067	9	4	0.74	232	0.011	4	0.69	0.083	0.20	0.2	<0.01	2.2	<0.1	0.50	5	0.8	<0.2	
538068	Drill Core	1.43	0.061	6	6	0.33	152	0.007	2	0.37	0.068	0.16	0.2	<0.01	2.0	<0.1	0.98	2	1.1	<0.2	
538069	Drill Core	1.80	0.062	7	6	0.31	46	0.003	4	0.35	0.054	0.17	0.2	0.02	2.1	<0.1	2.03	2	1.1	<0.2	
538070	Drill Core	1.87	0.067	5	6	0.22	75	0.003	4	0.35	0.059	0.14	0.2	0.02	2.5	<0.1	1.48	2	1.0	<0.2	
538071	Drill Core	1.35	0.061	6	7	0.26	58	0.006	3	0.44	0.053	0.16	0.2	0.03	1.6	<0.1	1.87	3	<0.5	0.4	
538072	Drill Core	1.18	0.066	9	8	0.47	35	0.008	3	0.64	0.066	0.16	<0.1	0.07	1.7	<0.1	2.84	4	1.0	0.4	
538073	Drill Core	1.02	0.065	9	7	0.42	41	0.006	3	0.64	0.063	0.15	0.1	0.08	1.3	<0.1	2.38	4	1.0	<0.2	
538074	Drill Core	0.90	0.053	7	7	0.43	80	0.007	2	0.46	0.058	0.15	0.1	0.03	1.6	<0.1	1.67	3	1.0	<0.2	
538075	Rock	0.51	0.065	11	31	0.66	263	0.103	2	0.95	0.086	0.13	0.2	0.05	3.1	<0.1	<0.05	3	<0.5	<0.2	
538076	Drill Core	1.09	0.059	13	7	0.68	90	0.011	3	0.78	0.077	0.14	0.1	0.09	2.0	<0.1	1.11	6	1.1	0.2	
538077	Drill Core	0.97	0.053	10	6	0.71	115	0.006	3	0.76	0.078	0.10	<0.1	0.02	2.2	<0.1	0.77	5	1.0	<0.2	
538078	Drill Core	1.53	0.065	8	6	0.79	86	0.005	2	0.84	0.102	0.09	0.1	0.02	2.1	<0.1	1.06	6	0.7	<0.2	
538079	Drill Core	1.65	0.086	10	7	0.76	97	0.012	2	0.83	0.090	0.10	0.1	0.01	2.5	<0.1	0.82	6	0.7	0.4	
538080	Drill Core	1.11	0.070	10	7	0.65	65	0.007	1	0.67	0.100	0.09	<0.1	0.01	2.3	<0.1	1.83	5	1.2	0.2	
538081	Drill Core	0.97	0.055	8	7	0.68	78	0.011	2	0.64	0.077	0.10	<0.1	0.01	2.4	<0.1	1.40	5	1.1	<0.2	
538082	Drill Core	1.40	0.050	8	7	0.64	135	0.007	<1	0.50	0.070	0.10	0.1	<0.01	2.5	<0.1	0.65	4	0.9	<0.2	
538083	Drill Core	1.24	0.063	11	7	0.81	124	0.013	<1	0.79	0.078	0.09	0.2	<0.01	2.4	<0.1	0.91	6	1.3	<0.2	
538084	Drill Core	1.90	0.054	15	6	0.51	151	0.009	2	0.66	0.064	0.12	0.2	<0.01	2.3	<0.1	0.79	5	<0.5	<0.2	
538085	Drill Core	1.99	0.059	12	6	0.37	144	0.006	5	0.71	0.070	0.13	0.2	0.01	2.5	<0.1	1.14	5	0.5	0.2	
538086	Drill Core	2.06	0.065	11	6	0.31	119	0.003	3	0.59	0.060	0.13	0.3	<0.01	2.7	<0.1	1.18	3	<0.5	<0.2	
538087	Drill Core	1.87	0.073	12	5	0.34	73	0.002	4	0.36	0.068	0.13	0.2	0.04	2.6	<0.1	1.98	2	1.2	<0.2	
538088	Drill Core	2.12	0.082	11	6	0.35	166	0.004	5	0.36	0.072	0.14	0.2	0.02	2.8	<0.1	0.65	2	<0.5	<0.2	
538089	Drill Core	1.96	0.082	7	5	0.48	51	0.002	4	0.38	0.065	0.13	<0.1	0.05	2.7	<0.1	1.83	2	0.8	<0.2	
538090	Rock Pulp	0.73	0.062	6	69	0.93	95	0.112	4	1.95	0.072	0.16	4.8	0.25	3.9	0.2	0.81	6	2.7	0.2	0.269

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Serengeti Resources

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147

Report Date: August 17, 2010

Page: 4 of 5 Part 3

CERTIFICATE OF ANALYSIS

SMI10000236.2

	Method	8TD
	Analyte	Mo
	Unit	%
	MDL	0.001
538061	Drill Core	N.A.
538062	Drill Core	N.A.
538063	Drill Core	N.A.
538064	Drill Core	N.A.
538065	Drill Core	N.A.
538066	Drill Core	N.A.
538067	Drill Core	N.A.
538068	Drill Core	N.A.
538069	Drill Core	N.A.
538070	Drill Core	N.A.
538071	Drill Core	N.A.
538072	Drill Core	N.A.
538073	Drill Core	N.A.
538074	Drill Core	N.A.
538075	Rock	N.A.
538076	Drill Core	N.A.
538077	Drill Core	N.A.
538078	Drill Core	N.A.
538079	Drill Core	N.A.
538080	Drill Core	N.A.
538081	Drill Core	N.A.
538082	Drill Core	N.A.
538083	Drill Core	N.A.
538084	Drill Core	N.A.
538085	Drill Core	N.A.
538086	Drill Core	N.A.
538087	Drill Core	N.A.
538088	Drill Core	N.A.
538089	Drill Core	N.A.
538090	Rock Pulp	N.A.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147
 Report Date: August 17, 2010

Page: 5 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI10000236.2

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538091	Drill Core	6.49	33.9	284.8	6.3	55	0.2	1.4	22.3	580	2.74	11.9	2.7	11.5	3.4	199	0.2	<0.1	0.4	29	
538092	Drill Core	5.44	5.8	117.4	7.2	182	0.2	1.1	11.7	797	2.07	19.1	3.0	7.1	6.2	111	0.8	<0.1	0.4	23	
538093	Drill Core	5.10	6.7	327.0	9.5	45	0.2	0.3	3.6	150	0.81	52.9	9.2	6.3	11.6	61	0.3	0.1	0.4	4	
538094	Drill Core	4.81	23.3	34.0	19.8	8	<0.1	0.3	2.3	84	0.44	8.5	5.5	2.6	13.9	27	<0.1	<0.1	0.2	<2	
538095	Drill Core	4.88	11.3	207.0	11.3	9	0.1	0.5	12.5	81	0.96	22.8	8.6	4.1	11.8	21	<0.1	<0.1	0.1	5	
538096	Drill Core	4.77	15.6	151.8	11.9	180	<0.1	0.5	6.1	88	1.02	23.0	3.1	5.1	11.9	120	1.5	<0.1	0.2	4	
538097	Drill Core	4.45	34.8	146.3	8.6	13	0.1	0.4	12.4	93	1.24	28.6	3.3	4.5	11.8	42	0.1	<0.1	0.2	<2	
538098	Drill Core	5.44	14.5	268.4	14.1	23	0.3	0.6	27.7	123	4.08	23.2	3.3	5.3	14.8	61	0.3	<0.1	0.2	5	
538099	Drill Core	5.61	11.6	111.3	7.5	27	0.1	0.5	27.0	109	3.58	23.8	2.6	3.0	10.3	44	0.1	<0.1	0.3	4	
538100	Drill Core	4.68	9.0	72.7	6.6	16	<0.1	0.3	7.9	90	0.61	21.3	3.4	1.5	10.4	34	<0.1	0.1	<0.1	2	
538101	Drill Core	5.15	33.4	260.9	16.7	34	0.3	0.6	16.6	141	1.09	87.9	9.8	4.4	12.3	813	0.2	<0.1	0.5	4	
538102	Drill Core	3.24	7.9	203.6	35.3	169	0.5	0.6	12.7	172	1.10	49.2	10.8	3.9	11.6	50	1.0	0.1	0.8	3	
538103	Drill Core	5.73	14.6	132.6	7.2	21	0.2	0.6	8.1	126	0.78	27.9	7.2	2.7	10.9	70	0.1	<0.1	0.1	3	
538104	Drill Core	4.71	7.2	381.3	101.0	113	0.7	1.6	15.0	879	2.09	61.5	4.9	7.4	5.3	143	0.4	0.1	1.1	23	
538105	Rock	0.29	0.8	24.2	3.2	45	<0.1	22.9	8.4	471	2.27	15.4	0.6	3.3	3.2	32	0.1	0.4	0.1	46	
538106	Drill Core	0.222	4.34	466.0	2120	10.9	82	1.6	4.7	37.1	776	3.71	59.2	2.7	32.2	3.3	129	<0.1	0.4	1.7	30
538107	Drill Core	5.75	25.0	204.3	4.5	47	0.2	3.0	9.9	582	2.38	13.0	1.6	5.6	5.2	266	<0.1	0.3	0.3	38	
538108	Drill Core	5.30	15.0	295.2	5.2	32	0.3	3.0	8.7	406	2.11	30.4	1.9	11.2	5.5	209	<0.1	0.3	0.2	37	
538109	Drill Core	4.10	4.3	436.3	2.9	32	0.3	11.9	6.6	362	2.28	12.2	2.3	33.8	6.4	138	<0.1	0.1	0.1	40	
538110	Drill Core	6.63	3.6	569.1	5.1	30	0.7	3.0	8.8	456	2.04	24.6	1.7	24.2	5.3	336	<0.1	<0.1	0.2	31	



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147
 Report Date: August 17, 2010

Page: 5 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI10000236.2

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
538091	Drill Core	1.81	0.073	11	5	0.35	75	0.003	4	0.35	0.069	0.15	0.2	0.04	2.7	<0.1	1.60	2	<0.5	0.2	
538092	Drill Core	1.44	0.051	13	6	0.30	89	0.003	4	0.34	0.075	0.15	0.1	0.05	2.0	<0.1	0.98	2	0.6	<0.2	
538093	Drill Core	0.50	0.002	3	8	0.08	155	<0.001	3	0.16	0.065	0.08	0.1	0.03	0.3	<0.1	0.43	<1	<0.5	<0.2	
538094	Drill Core	0.32	<0.001	4	8	0.03	76	<0.001	<1	0.14	0.079	0.06	<0.1	0.01	0.2	<0.1	0.18	<1	<0.5	<0.2	
538095	Drill Core	0.33	0.001	2	6	0.04	89	<0.001	1	0.13	0.069	0.07	0.2	0.02	0.2	<0.1	0.46	<1	<0.5	<0.2	
538096	Drill Core	0.36	<0.001	2	9	0.06	165	<0.001	2	0.15	0.054	0.12	<0.1	0.04	0.2	<0.1	0.62	<1	<0.5	<0.2	
538097	Drill Core	0.59	0.002	2	7	0.07	117	<0.001	2	0.14	0.059	0.08	0.1	0.02	0.3	<0.1	1.11	<1	0.7	<0.2	
538098	Drill Core	0.77	0.002	<1	8	0.09	24	<0.001	3	0.19	0.062	0.10	0.2	0.02	0.3	<0.1	4.11	<1	1.8	<0.2	
538099	Drill Core	0.53	0.003	<1	7	0.13	19	<0.001	1	0.19	0.049	0.12	0.1	0.03	0.3	<0.1	3.70	<1	1.2	0.2	
538100	Drill Core	0.37	0.001	2	9	0.09	216	<0.001	2	0.16	0.051	0.10	<0.1	0.02	0.3	<0.1	0.38	<1	<0.5	<0.2	
538101	Drill Core	0.48	<0.001	2	10	0.12	182	<0.001	2	0.17	0.043	0.12	<0.1	0.03	0.3	<0.1	0.75	<1	0.7	<0.2	
538102	Drill Core	0.41	0.001	2	10	0.13	217	<0.001	2	0.16	0.050	0.11	<0.1	0.04	0.3	<0.1	0.70	<1	0.6	<0.2	
538103	Drill Core	0.42	0.001	2	9	0.14	258	0.001	2	0.17	0.050	0.12	0.1	0.03	0.4	<0.1	0.38	<1	<0.5	<0.2	
538104	Drill Core	1.61	0.050	8	4	0.39	175	0.002	5	0.33	0.061	0.14	0.2	0.04	1.7	<0.1	0.73	2	0.9	<0.2	
538105	Rock	0.41	0.059	10	24	0.58	152	0.094	2	0.93	0.058	0.14	0.2	0.01	3.0	<0.1	<0.05	4	<0.5	<0.2	
538106	Drill Core	1.21	0.070	10	4	0.44	36	0.002	5	0.39	0.074	0.16	0.2	0.06	2.1	<0.1	2.42	2	3.2	0.2	
538107	Drill Core	1.47	0.060	13	3	0.48	233	0.005	5	0.54	0.072	0.19	0.2	0.01	2.5	<0.1	0.42	4	<0.5	<0.2	
538108	Drill Core	1.69	0.053	11	4	0.44	375	0.006	4	0.53	0.071	0.18	0.2	<0.01	2.5	<0.1	0.33	3	<0.5	<0.2	
538109	Drill Core	1.56	0.062	16	3	0.45	52	0.010	5	0.57	0.078	0.16	0.1	<0.01	2.8	<0.1	0.23	5	<0.5	<0.2	
538110	Drill Core	2.23	0.050	13	4	0.67	211	0.002	5	0.34	0.072	0.15	0.1	0.01	2.1	<0.1	0.33	2	<0.5	<0.2	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147

Report Date: August 17, 2010

Page: 5 of 5 Part 3

CERTIFICATE OF ANALYSIS

SMI10000236.2

Method	8TD
Analyte	Mo
Unit	%
MDL	0.001
538091	Drill Core N.A.
538092	Drill Core N.A.
538093	Drill Core N.A.
538094	Drill Core N.A.
538095	Drill Core N.A.
538096	Drill Core N.A.
538097	Drill Core N.A.
538098	Drill Core N.A.
538099	Drill Core N.A.
538100	Drill Core N.A.
538101	Drill Core N.A.
538102	Drill Core N.A.
538103	Drill Core N.A.
538104	Drill Core N.A.
538105	Rock N.A.
538106	Drill Core N.A.
538107	Drill Core N.A.
538108	Drill Core N.A.
538109	Drill Core N.A.
538110	Drill Core N.A.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147
Report Date: August 17, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000236.2

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	
Pulp Duplicates																					
538014	Drill Core	5.36	10.3	1262	46.1	98	1.0	87.2	40.4	1347	4.59	21.9	2.4	18.8	1.5	303	0.4	0.1	0.8	129	
REP 538014	QC		10.6	1294	49.4	101	1.1	87.9	39.8	1396	4.77	22.7	2.6	19.2	1.6	331	0.4	0.1	0.9	137	
538045	Rock	0.63	1.2	22.1	3.0	47	<0.1	21.6	7.8	440	2.23	4.3	0.6	2.1	3.1	37	0.1	0.4	<0.1	49	
REP 538045	QC		1.1	20.8	3.0	45	<0.1	21.5	7.6	426	2.16	4.1	0.6	0.6	2.8	35	0.1	0.3	<0.1	47	
538049	Drill Core	0.464	2.61	>2000	4513	50.1	304	1.2	1.1	5.8	172	1.61	51.8	0.4	20.4	2.3	39	<0.1	0.2	0.6	23
REP 538049	QC	0.460																			
538100	Drill Core	4.68	9.0	72.7	6.6	16	<0.1	0.3	7.9	90	0.61	21.3	3.4	1.5	10.4	34	<0.1	0.1	<0.1	2	
REP 538100	QC		9.1	73.3	6.3	15	<0.1	0.4	8.2	92	0.63	21.5	3.4	1.4	10.7	34	<0.1	0.1	<0.1	<2	
Core Reject Duplicates																					
538026	Drill Core	5.46	171.4	979.5	116.5	29	0.8	1.6	27.0	208	4.55	24.1	5.3	26.1	4.7	65	0.1	<0.1	1.7	25	
DUP 538026	QC		166.1	953.2	114.3	37	0.7	2.0	26.0	214	4.48	24.4	4.9	22.2	4.7	62	0.2	<0.1	1.6	25	
538061	Drill Core	2.30	24.0	156.6	28.9	116	0.2	1.9	7.1	318	1.97	18.8	1.0	6.5	4.9	96	0.4	<0.1	0.2	28	
DUP 538061	QC		22.9	153.7	30.8	132	0.3	2.5	6.8	328	2.04	18.8	1.1	5.4	5.3	102	0.5	<0.1	0.2	30	
538096	Drill Core	4.77	15.6	151.8	11.9	180	<0.1	0.5	6.1	88	1.02	23.0	3.1	5.1	11.9	120	1.5	<0.1	0.2	4	
DUP 538096	QC		12.7	130.5	11.1	155	<0.1	0.4	5.7	79	0.89	20.0	2.6	2.6	10.2	99	1.3	<0.1	0.1	3	
Reference Materials																					
STD CU148	Standard																				
STD DS7	Standard		19.5	105.0	60.8	380	0.9	53.5	8.7	611	2.32	50.2	4.2	52.6	4.2	69	6.0	5.2	4.1	79	
STD DS7	Standard		20.1	103.4	61.4	391	0.9	53.3	9.0	611	2.33	50.5	4.4	69.5	4.4	69	5.9	5.3	4.3	79	
STD DS7	Standard		21.0	110.6	65.1	414	1.0	52.6	9.4	611	2.34	57.2	5.1	61.3	4.5	69	6.7	6.3	5.1	77	
STD DS7	Standard		19.9	104.6	64.9	391	1.0	53.2	8.5	607	2.30	54.4	4.8	67.7	4.6	72	6.9	6.0	5.0	77	
STD DS7	Standard		20.8	116.9	69.3	406	1.1	58.4	9.9	639	2.41	53.0	4.9	74.9	4.8	69	6.1	5.6	4.5	82	
STD DS7	Standard		22.6	117.3	73.4	407	1.1	59.0	10.0	654	2.49	55.2	5.0	60.9	4.8	72	6.4	6.0	4.4	85	
STD DS7	Standard		19.6	110.4	65.0	381	1.0	54.4	9.3	602	2.33	52.3	4.7	63.3	4.3	68	5.7	5.2	4.2	79	
STD DS7	Standard		19.5	102.4	63.8	375	1.0	52.9	8.9	596	2.27	49.8	4.5	55.7	4.5	70	5.7	5.0	4.0	77	
STD OXH66	Standard																				
STD OXK79	Standard																				
STD R4A	Standard	0.502																			

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147
Report Date: August 17, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000236.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
MDL		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
Pulp Duplicates																					
538014	Drill Core	3.81	0.091	5	98	2.86	85	0.036	7	1.05	0.054	0.29	0.3	0.04	11.0	<0.1	1.45	6	1.6	0.4	
REP 538014	QC	3.90	0.086	5	104	3.06	91	0.036	7	1.06	0.056	0.29	0.3	0.04	11.5	<0.1	1.44	7	1.6	<0.2	
538045	Rock	0.54	0.071	10	22	0.58	141	0.096	1	1.03	0.077	0.14	<0.1	<0.01	3.3	<0.1	<0.05	4	<0.5	<0.2	
REP 538045	QC	0.53	0.069	10	22	0.55	136	0.094	2	1.01	0.075	0.14	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2	
538049	Drill Core	0.74	0.026	2	7	0.30	118	0.001	2	0.26	0.054	0.14	0.8	0.05	0.6	<0.1	1.20	<1	2.2	0.3	
REP 538049	QC																				
538100	Drill Core	0.37	0.001	2	9	0.09	216	<0.001	2	0.16	0.051	0.10	<0.1	0.02	0.3	<0.1	0.38	<1	<0.5	<0.2	
REP 538100	QC	0.37	0.001	2	10	0.09	218	<0.001	3	0.16	0.054	0.10	<0.1	0.02	0.3	<0.1	0.39	<1	<0.5	<0.2	
Core Reject Duplicates																					
538026	Drill Core	1.06	0.047	4	3	0.32	19	0.003	2	0.41	0.026	0.25	0.3	0.03	0.9	<0.1	3.87	2	4.0	0.7	
DUP 538026	QC	1.00	0.048	4	3	0.33	20	0.003	3	0.42	0.027	0.25	0.4	0.03	0.9	<0.1	4.14	2	3.9	0.3	
538061	Drill Core	0.89	0.050	5	3	0.38	108	0.003	6	0.43	0.075	0.21	0.1	<0.01	1.8	<0.1	1.28	2	0.9	<0.2	
DUP 538061	QC	0.89	0.053	5	3	0.38	111	0.003	5	0.47	0.081	0.22	0.1	0.02	1.8	<0.1	1.31	2	1.1	<0.2	
538096	Drill Core	0.36	<0.001	2	9	0.06	165	<0.001	2	0.15	0.054	0.12	<0.1	0.04	0.2	<0.1	0.62	<1	<0.5	<0.2	
DUP 538096	QC	0.32	0.001	2	8	0.05	150	<0.001	<1	0.14	0.050	0.11	<0.1	0.04	0.3	<0.1	0.54	<1	<0.5	<0.2	
Reference Materials																					
STD CU148	Standard																				
STD DS7	Standard	0.95	0.077	12	188	1.03	390	0.110	38	1.03	0.094	0.46	3.5	0.21	2.3	3.7	0.19	4	3.4	2.0	
STD DS7	Standard	0.96	0.078	12	189	1.01	394	0.110	41	1.02	0.095	0.47	3.5	0.20	2.2	3.7	0.19	4	3.1	1.8	
STD DS7	Standard	0.97	0.078	12	174	1.04	399	0.121	41	1.03	0.091	0.45	3.6	0.21	2.3	3.6	0.20	5	3.2	0.9	
STD DS7	Standard	0.94	0.078	13	172	1.05	427	0.117	37	0.98	0.090	0.48	3.9	0.21	2.2	4.0	0.19	5	3.1	1.0	
STD DS7	Standard	0.98	0.077	12	196	1.06	404	0.131	38	1.02	0.091	0.46	3.7	0.24	2.4	3.8	0.20	5	3.0	1.6	
STD DS7	Standard	1.02	0.081	13	204	1.10	433	0.135	40	1.05	0.096	0.48	3.8	0.25	2.7	3.7	0.21	5	3.4	1.8	
STD DS7	Standard	0.93	0.072	11	183	1.02	408	0.120	37	0.98	0.087	0.44	3.7	0.23	2.3	3.8	0.19	4	2.8	1.1	
STD DS7	Standard	0.92	0.068	12	185	0.99	376	0.118	37	0.98	0.088	0.45	3.1	0.22	2.2	3.4	0.19	4	3.2	2.1	
STD OXH66	Standard																				1.267
STD OXK79	Standard																				3.500
STD R4A	Standard																				

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147

Report Date: August 17, 2010

Page: 1 of 2 Part 3

QUALITY CONTROL REPORT

SMI10000236.2

	Method	8TD
	Analyte	Mo
	Unit	%
	MDL	0.001
Pulp Duplicates		
538014	Drill Core	N.A.
REP 538014	QC	
538045	Rock	N.A.
REP 538045	QC	
538049	Drill Core	0.218
REP 538049	QC	0.218
538100	Drill Core	N.A.
REP 538100	QC	
Core Reject Duplicates		
538026	Drill Core	N.A.
DUP 538026	QC	N.A.
538061	Drill Core	N.A.
DUP 538061	QC	N.A.
538096	Drill Core	N.A.
DUP 538096	QC	N.A.
Reference Materials		
STD CU148	Standard	0.236
STD DS7	Standard	
STD DS7	Standard	
STD DS7	Standard	
STD DS7	Standard	
STD DS7	Standard	
STD DS7	Standard	
STD DS7	Standard	
STD DS7	Standard	
STD DS7	Standard	
STD DS7	Standard	
STD OXH66	Standard	
STD OXK79	Standard	
STD R4A	Standard	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147

Report Date: August 17, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000236.2

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
STD R4A	Standard	0.506																			
STD R4A	Standard	0.512																			
STD R4A	Standard	0.507																			
STD R4A	Standard	0.521																			
STD R4A	Standard	0.516																			
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD R4A Expected		0.502																			
STD OXH66 Expected																					
STD OXK79 Expected																					
STD CU148 Expected																					
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank			0.2	4.8	2.8	47	<0.1	3.2	4.6	589	1.90	1.8	2.0	0.9	5.8	56	<0.1	<0.1	<0.1	36
G1	Prep Blank			<0.1	6.5	3.0	46	<0.1	2.6	4.3	589	1.95	1.7	2.3	<0.5	6.7	58	<0.1	<0.1	<0.1	36



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147
 Report Date: August 17, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000236.2

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08		
STD R4A Expected																						
STD OXH66 Expected																						1.285
STD OXK79 Expected																						3.532
STD CU148 Expected																						
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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																					
BLK	Blank	<0.01	<0.001	<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																					
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					
Prep Wash																						
G1	Prep Blank	0.53	0.088	12	9	0.57	192	0.131	2	1.00	0.085	0.50	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.51	0.091	13	9	0.53	180	0.130	1	0.94	0.084	0.53	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2		



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Serengeti Resources

#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwaninka - 147

Report Date: August 17, 2010

Page: 2 of 2 Part 3

QUALITY CONTROL REPORT

SMI10000236.2

		8TD Mo % 0.001
STD R4A	Standard	
STD R4A	Standard	
STD R4A	Standard	
STD R4A	Standard	
STD R4A	Standard	
STD DS7 Expected		
STD R4A Expected		
STD OXH66 Expected		
STD OXK79 Expected		
STD CU148 Expected		0.232
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	<0.001
Prep Wash		
G1	Prep Blank	N.A.
G1	Prep Blank	N.A.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: July 22, 2010
Report Date: August 11, 2010
Page: 1 of 8

CERTIFICATE OF ANALYSIS

SMI10000304.1

CLIENT JOB INFORMATION

Project: Kwanika-155
Shipment ID: 2010-06
P.O. Number
Number of Samples: 181

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include 7AR, R200-250, 1DX2, and G601.

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 2 of 8 Part 1

CERTIFICATE OF ANALYSIS

SMI10000304.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538512	Drill Core		3.55	2.0	754.1	1.5	24	0.1	4.7	9.3	507	2.80	68.2	0.8	6.1	4.5	71	<0.1	<0.1	<0.1	93
538513	Drill Core		4.63	3.3	605.3	1.5	27	0.1	5.2	10.6	579	2.85	56.3	1.0	5.6	3.8	123	<0.1	<0.1	<0.1	86
538514	Drill Core		4.56	1.9	659.7	1.6	28	0.1	6.2	10.6	617	2.78	65.4	0.9	5.0	4.3	105	0.1	<0.1	<0.1	89
538515	Drill Core		4.47	863.0	1679	1.7	29	0.3	5.1	11.0	445	2.69	402.8	1.0	11.6	4.2	84	0.7	0.1	<0.1	79
538516	Drill Core		4.76	34.5	1832	1.4	29	0.4	8.2	13.6	548	3.10	415.6	1.0	39.0	3.7	96	<0.1	0.1	<0.1	95
538517	Drill Core		4.82	7.2	449.9	1.2	26	0.1	24.3	14.7	898	3.17	102.3	0.9	9.1	3.8	206	<0.1	0.1	<0.1	83
538518	Drill Core		4.55	18.1	66.8	1.2	23	<0.1	5.1	8.8	500	2.76	8.3	0.9	2.4	3.9	129	<0.1	<0.1	<0.1	81
538519	Drill Core		4.33	2.4	24.5	1.1	23	<0.1	5.6	8.4	476	3.21	7.7	0.8	3.0	3.4	109	<0.1	<0.1	<0.1	96
538520	Drill Core		3.94	12.0	262.4	2.0	20	<0.1	7.9	7.5	446	2.36	17.1	1.1	7.5	2.6	107	<0.1	<0.1	<0.1	67
538521	Drill Core		0.98	0.9	34.5	0.6	9	<0.1	1.6	1.6	203	1.04	3.5	0.3	1.6	1.5	49	<0.1	<0.1	<0.1	20
538522	Drill Core		3.77	1.3	110.2	1.7	15	<0.1	2.1	3.4	236	1.17	21.1	0.6	1.1	1.5	59	<0.1	<0.1	<0.1	21
538523	Drill Core		5.15	1.6	118.8	1.5	21	<0.1	3.2	8.9	568	2.57	4.2	0.8	0.9	2.9	137	<0.1	<0.1	<0.1	68
538524	Drill Core		4.42	50.7	1484	1.7	26	0.4	3.6	11.9	537	2.80	217.6	0.9	9.9	3.1	118	<0.1	0.1	<0.1	90
538525	Rock		0.43	0.9	19.1	3.4	44	<0.1	24.2	6.9	410	2.13	4.3	0.6	3.3	2.8	36	0.2	0.6	0.1	44
538526	Drill Core		4.24	12.2	415.4	1.1	23	<0.1	3.4	9.9	584	2.98	42.6	0.8	3.2	3.2	131	<0.1	<0.1	<0.1	93
538527	Drill Core		3.03	1.8	246.0	1.3	24	<0.1	3.5	11.8	755	3.09	18.0	1.2	3.7	4.4	209	<0.1	<0.1	<0.1	86
538528	Drill Core		4.82	2.5	131.8	1.0	23	<0.1	6.1	13.1	630	3.10	9.7	0.7	3.5	2.3	218	<0.1	<0.1	<0.1	86
538529	Drill Core		6.59	8.4	678.0	0.9	21	0.1	2.8	9.1	466	2.80	77.7	1.3	11.2	4.4	157	<0.1	<0.1	<0.1	93
538530	Drill Core		5.19	15.6	408.0	1.2	20	0.1	2.7	8.1	512	2.61	68.9	1.5	8.7	4.5	167	0.1	<0.1	<0.1	76
538531	Drill Core		4.59	4.5	323.1	1.2	23	<0.1	2.9	10.3	556	2.49	58.8	0.9	8.5	3.5	186	<0.1	<0.1	<0.1	61
538532	Drill Core		4.98	4.7	189.7	0.8	17	<0.1	1.9	7.3	343	2.27	4.7	1.5	5.4	5.5	135	<0.1	<0.1	<0.1	58
538533	Drill Core		4.42	3.1	360.7	1.8	16	0.1	2.0	7.1	492	1.86	54.5	3.3	18.4	7.6	169	<0.1	0.2	<0.1	47
538534	Drill Core		5.10	8.3	195.5	6.8	24	0.1	5.3	9.7	646	2.54	6.0	1.0	8.7	2.8	274	<0.1	<0.1	<0.1	54
538535	Drill Core		5.38	1.2	88.1	14.3	27	0.1	9.0	14.4	887	3.01	6.6	0.7	2.7	1.2	312	<0.1	0.1	0.1	78
538536	Drill Core		4.45	2.8	116.6	17.7	43	<0.1	16.2	20.5	1007	3.83	8.8	0.7	3.6	1.6	272	<0.1	0.2	0.2	85
538537	Drill Core		4.32	3.5	185.1	19.3	44	0.2	22.0	22.3	1014	3.74	9.4	0.7	3.6	1.7	291	<0.1	0.1	0.3	108
538538	Drill Core		4.95	5.5	144.3	17.1	58	0.1	35.1	25.7	1073	4.29	8.6	0.7	4.2	1.5	305	<0.1	0.1	0.3	117
538539	Drill Core		4.94	3.3	152.1	4.8	47	0.1	27.1	21.8	942	4.14	8.3	0.7	6.3	2.2	210	<0.1	0.2	0.1	117
538540	Drill Core		2.32	3.2	176.7	32.7	49	0.2	22.7	20.6	1008	3.83	9.8	0.8	9.9	1.3	235	<0.1	0.1	0.5	118
538541	Drill Core		2.40	3.2	152.1	25.8	48	0.2	19.7	20.1	996	3.78	8.8	0.7	6.9	1.5	243	0.1	0.1	0.3	118

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 2 of 8 Part 2

CERTIFICATE OF ANALYSIS

SMI10000304.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
538512	Drill Core	1.63	0.111	12	3	0.94	62	0.002	4	0.37	0.046	0.07	<0.1	<0.01	6.7	<0.1	0.09	2	0.6	<0.2	
538513	Drill Core	2.36	0.096	10	3	1.56	52	0.002	4	0.39	0.048	0.07	<0.1	<0.01	6.3	<0.1	0.11	2	<0.5	<0.2	
538514	Drill Core	2.34	0.093	11	2	1.65	129	0.001	4	0.34	0.040	0.06	<0.1	0.01	5.8	<0.1	0.10	1	<0.5	<0.2	
538515	Drill Core	1.34	0.102	11	3	1.36	288	0.002	6	0.37	0.047	0.07	0.1	0.02	5.9	<0.1	0.27	2	1.7	<0.2	
538516	Drill Core	1.89	0.116	12	3	1.18	78	0.002	4	0.37	0.054	0.07	<0.1	<0.01	6.7	<0.1	0.41	2	1.1	<0.2	
538517	Drill Core	3.57	0.101	12	32	1.74	58	0.003	5	0.55	0.054	0.10	<0.1	0.01	8.0	<0.1	0.09	2	<0.5	<0.2	
538518	Drill Core	2.08	0.100	11	2	1.27	113	0.003	4	0.36	0.054	0.06	<0.1	<0.01	6.0	<0.1	<0.05	2	<0.5	<0.2	
538519	Drill Core	2.01	0.109	12	3	1.23	62	0.005	4	0.37	0.060	0.07	<0.1	0.01	6.7	<0.1	<0.05	2	<0.5	<0.2	
538520	Drill Core	2.20	0.070	9	4	0.98	60	0.002	4	0.34	0.051	0.07	<0.1	0.02	4.4	<0.1	0.12	2	<0.5	<0.2	
538521	Drill Core	0.97	0.027	5	2	0.40	35	<0.001	3	0.33	0.046	0.08	<0.1	<0.01	1.0	<0.1	<0.05	1	<0.5	<0.2	
538522	Drill Core	1.54	0.022	6	2	0.57	32	<0.001	3	0.25	0.049	0.07	<0.1	<0.01	1.0	<0.1	0.16	1	<0.5	0.3	
538523	Drill Core	2.96	0.093	9	<1	0.71	47	0.004	5	0.40	0.046	0.13	<0.1	<0.01	4.9	<0.1	0.07	2	<0.5	<0.2	
538524	Drill Core	2.06	0.104	11	3	0.85	49	0.002	4	0.34	0.059	0.06	<0.1	0.03	6.5	<0.1	0.26	2	1.2	<0.2	
538525	Rock	0.50	0.063	11	24	0.56	144	0.095	1	1.01	0.078	0.13	<0.1	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2	
538526	Drill Core	2.05	0.105	11	3	1.06	53	0.003	4	0.38	0.067	0.06	<0.1	<0.01	6.6	<0.1	0.06	2	0.6	<0.2	
538527	Drill Core	4.00	0.122	13	3	0.73	299	0.004	7	0.56	0.071	0.13	<0.1	0.02	6.4	<0.1	<0.05	3	<0.5	<0.2	
538528	Drill Core	3.31	0.108	9	7	0.94	178	0.005	8	0.63	0.075	0.17	<0.1	<0.01	6.2	<0.1	<0.05	3	<0.5	<0.2	
538529	Drill Core	2.54	0.109	11	2	0.79	58	0.003	6	0.40	0.074	0.07	<0.1	<0.01	6.7	<0.1	0.08	2	0.9	<0.2	
538530	Drill Core	3.11	0.121	12	2	0.59	51	0.003	8	0.44	0.075	0.12	<0.1	0.02	5.9	<0.1	<0.05	2	<0.5	<0.2	
538531	Drill Core	3.19	0.112	11	1	0.46	81	0.003	11	0.65	0.096	0.21	<0.1	0.01	5.5	<0.1	<0.05	2	<0.5	<0.2	
538532	Drill Core	2.12	0.094	11	2	0.52	49	0.003	9	0.46	0.078	0.15	<0.1	<0.01	4.3	<0.1	<0.05	2	<0.5	<0.2	
538533	Drill Core	3.25	0.060	9	2	0.72	39	0.002	7	0.39	0.059	0.12	<0.1	0.01	3.5	<0.1	0.10	2	<0.5	<0.2	
538534	Drill Core	3.95	0.085	8	5	0.46	194	0.001	13	0.64	0.092	0.21	<0.1	<0.01	4.3	<0.1	0.07	2	<0.5	0.3	
538535	Drill Core	5.65	0.124	7	14	1.04	402	0.004	15	0.70	0.105	0.28	<0.1	<0.01	8.6	<0.1	0.05	3	<0.5	<0.2	
538536	Drill Core	5.46	0.091	6	28	1.40	78	0.004	17	0.84	0.100	0.23	0.1	<0.01	8.0	<0.1	0.07	3	<0.5	<0.2	
538537	Drill Core	5.16	0.115	6	44	1.48	783	0.003	13	0.92	0.131	0.24	0.1	<0.01	12.0	<0.1	0.15	4	<0.5	<0.2	
538538	Drill Core	5.76	0.122	7	51	1.48	170	0.004	16	1.17	0.128	0.23	0.1	<0.01	12.1	<0.1	0.07	5	<0.5	0.4	
538539	Drill Core	4.23	0.123	8	61	1.71	74	0.007	22	0.96	0.117	0.16	0.1	0.03	11.6	<0.1	0.07	5	<0.5	<0.2	
538540	Drill Core	5.49	0.127	8	34	1.65	80	0.003	15	1.00	0.123	0.20	<0.1	0.02	10.5	<0.1	0.10	5	<0.5	<0.2	
538541	Drill Core	5.83	0.128	8	36	1.64	69	0.003	15	0.96	0.121	0.20	<0.1	0.03	10.9	<0.1	0.11	5	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 3 of 8 Part 1

CERTIFICATE OF ANALYSIS

SMI10000304.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538542	Drill Core		4.69	4.3	134.5	17.8	53	0.1	24.8	21.8	1102	3.98	9.4	0.6	10.3	1.2	247	<0.1	0.1	0.3	117
538543	Drill Core		4.89	4.4	120.0	13.6	52	0.1	24.9	22.2	1211	3.89	8.5	0.6	3.0	1.5	321	<0.1	0.2	0.2	122
538544	Drill Core		6.25	4.5	127.6	12.4	59	0.1	23.8	20.0	1055	3.88	6.0	0.7	4.6	1.6	235	<0.1	0.2	0.2	103
538545	Drill Core		4.06	58.7	236.9	13.6	78	0.3	56.4	14.9	1027	3.09	37.9	1.4	10.3	5.2	126	0.2	0.7	0.4	60
538546	Drill Core		3.31	126.9	352.5	23.6	125	0.4	98.3	22.6	1299	4.91	125.4	3.3	9.9	2.6	125	0.5	1.6	0.8	97
538547	Drill Core		3.35	13.7	233.2	7.7	59	0.2	14.6	11.2	761	3.32	67.9	1.4	2.3	6.7	66	0.2	0.7	0.3	64
538548	Drill Core		0.99	8.4	186.6	14.5	293	1.0	5.7	16.2	663	4.42	70.1	2.5	37.1	6.3	62	1.7	0.8	1.4	46
538549	Drill Core		2.19	5.5	282.2	9.5	76	0.6	9.0	14.5	561	3.42	129.6	2.5	20.0	6.6	66	0.3	0.9	0.6	46
538550	Drill Core		2.55	244.0	301.1	189.5	87	1.5	22.8	14.5	692	2.98	91.7	2.8	13.2	5.3	158	2.2	1.9	4.0	53
538551	Drill Core		4.56	83.8	371.8	76.6	88	0.9	31.1	21.5	883	3.66	100.0	2.1	3.0	4.9	133	0.4	1.0	2.0	67
538552	Drill Core		3.48	4.5	231.6	6.4	43	0.2	5.7	24.7	609	2.76	66.9	1.9	5.5	6.7	136	<0.1	0.5	0.3	56
538553	Drill Core		4.24	63.2	400.6	11.7	50	0.4	8.5	12.1	652	2.74	118.8	1.2	5.3	5.9	67	<0.1	1.8	0.7	46
538554	Drill Core		5.10	310.6	721.2	37.1	69	0.8	60.8	17.4	997	3.00	193.7	3.3	6.9	5.5	223	0.5	12.9	1.2	46
538555	Rock Pulp		0.12	157.0	1770	22.3	62	2.0	18.1	17.1	354	3.85	27.2	4.2	157.3	9.1	66	1.1	6.7	2.4	56
538556	Drill Core		4.16	27.6	707.1	5.7	26	0.6	28.6	21.3	398	2.21	165.8	3.4	12.6	5.9	113	<0.1	7.1	0.3	18
538557	Drill Core		5.30	31.7	666.1	5.3	24	0.6	6.1	11.8	412	2.32	153.4	3.3	13.6	8.2	95	0.2	3.4	0.2	36
538558	Drill Core		5.08	19.5	378.4	3.8	19	0.3	2.6	8.5	449	2.21	46.0	1.6	9.3	10.5	60	<0.1	0.5	0.2	44
538559	Drill Core		4.56	31.4	1210	3.9	25	0.9	2.8	10.2	432	2.61	220.2	3.8	17.5	8.9	92	0.1	0.9	0.5	39
538560	Drill Core		4.67	53.4	1114	13.5	30	0.8	7.9	12.6	370	2.39	204.7	3.2	15.4	7.3	103	0.3	6.4	0.6	27
538561	Drill Core		5.67	68.8	1566	27.3	38	1.4	11.1	11.6	501	3.83	108.5	2.1	35.8	6.2	99	0.3	3.0	1.7	35
538562	Drill Core		5.01	49.4	1803	9.9	135	1.7	2.8	10.3	393	3.03	30.3	2.4	59.7	7.4	84	0.7	1.8	0.7	32
538563	Drill Core	0.410	4.90	190.2	3978	28.8	74	3.3	3.0	8.9	455	2.20	17.4	1.9	83.9	6.5	71	0.6	1.7	0.6	45
538564	Drill Core	0.220	4.82	70.8	2181	17.7	50	1.8	2.2	9.6	337	1.65	95.4	4.1	43.3	6.8	56	0.3	2.2	0.5	31
538565	Drill Core		4.46	123.5	1901	36.2	72	2.7	2.5	9.1	391	2.94	53.2	2.6	65.6	8.0	55	0.3	0.3	1.2	37
538566	Drill Core	0.288	4.72	62.5	2919	8.2	61	3.9	3.0	14.2	482	4.18	32.0	2.0	121.2	6.8	68	0.3	0.3	1.4	30
538567	Drill Core	0.434	5.21	106.8	3982	5.3	47	3.7	2.8	14.5	442	2.93	11.9	1.5	106.1	6.5	84	0.3	0.2	0.9	44
538568	Drill Core	0.304	5.10	106.1	2912	6.0	55	2.8	3.5	10.8	389	3.10	24.1	2.0	58.1	5.7	79	0.5	0.6	0.6	38
538569	Drill Core		4.72	6.3	1312	5.6	49	1.0	3.8	18.5	625	5.96	24.4	1.3	33.9	1.3	209	0.1	0.3	0.5	101
538570	Rock Pulp	0.467	0.09	256.7	4565	39.2	144	2.3	24.3	18.2	514	4.33	113.7	0.6	365.8	1.6	32	1.2	6.4	0.5	83
538571	Drill Core		5.08	43.1	1501	19.2	58	1.4	2.1	9.3	536	3.19	130.0	2.4	14.8	6.0	107	0.4	0.6	0.3	59

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 3 of 8 Part 2

CERTIFICATE OF ANALYSIS

SMI10000304.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
538542	Drill Core	5.86	0.126	7	48	1.42	78	0.002	18	0.91	0.118	0.22	0.1	0.04	11.8	<0.1	0.10	4	<0.5	<0.2	
538543	Drill Core	7.30	0.119	7	57	1.44	134	0.003	17	0.82	0.098	0.23	0.1	<0.01	12.8	<0.1	0.09	3	<0.5	<0.2	
538544	Drill Core	4.73	0.105	6	48	1.42	284	0.002	17	0.81	0.098	0.26	<0.1	<0.01	11.2	<0.1	0.15	3	<0.5	<0.2	
538545	Drill Core	2.82	0.068	9	61	1.54	163	0.002	7	0.50	0.086	0.15	0.1	0.06	5.2	<0.1	0.81	2	1.2	<0.2	
538546	Drill Core	4.02	0.102	4	134	1.87	28	0.001	5	0.33	0.088	0.07	<0.1	0.08	8.2	0.1	3.08	3	3.5	<0.2	
538547	Drill Core	2.06	0.092	11	13	0.95	54	0.002	4	0.37	0.073	0.13	<0.1	0.05	4.2	0.1	1.81	2	2.2	0.3	
538548	Drill Core	1.37	0.073	22	5	0.70	42	0.002	3	0.37	0.048	0.16	<0.1	0.07	3.1	<0.1	3.92	2	2.7	1.2	
538549	Drill Core	1.60	0.068	12	6	0.75	47	0.002	3	0.35	0.064	0.15	0.1	0.11	3.0	0.2	2.48	2	1.8	0.7	
538550	Drill Core	2.27	0.061	8	19	0.94	38	<0.001	6	0.39	0.058	0.18	<0.1	0.09	3.6	0.1	1.69	2	2.2	0.4	
538551	Drill Core	1.67	0.083	8	38	0.87	39	0.001	7	0.52	0.069	0.21	0.1	0.09	6.4	<0.1	1.85	3	2.1	0.4	
538552	Drill Core	2.19	0.063	13	8	0.97	45	0.002	4	0.36	0.061	0.14	0.1	0.17	3.9	<0.1	1.09	2	1.1	0.3	
538553	Drill Core	1.51	0.074	10	10	0.54	35	0.001	6	0.42	0.066	0.17	0.1	0.06	3.7	0.1	1.06	2	1.1	<0.2	
538554	Drill Core	4.32	0.056	9	44	1.56	52	0.001	6	0.44	0.095	0.15	0.1	0.14	4.6	0.2	1.23	2	1.9	0.6	
538555	Rock Pulp	1.76	0.069	17	64	0.82	74	0.033	4	1.48	0.053	0.53	2.1	0.12	5.2	0.3	1.70	4	3.0	0.6	0.169
538556	Drill Core	1.43	0.046	8	5	0.58	81	<0.001	9	0.45	0.071	0.26	<0.1	0.07	2.1	0.1	1.27	1	2.6	<0.2	
538557	Drill Core	1.81	0.058	13	5	0.68	56	0.001	5	0.39	0.069	0.20	<0.1	0.10	2.7	<0.1	1.23	2	2.2	<0.2	
538558	Drill Core	1.44	0.062	15	5	0.52	47	0.002	5	0.40	0.079	0.14	0.1	0.06	3.4	<0.1	0.72	3	1.5	<0.2	
538559	Drill Core	1.97	0.058	13	4	0.82	43	0.002	5	0.43	0.077	0.15	<0.1	0.14	2.9	<0.1	1.75	2	2.9	0.3	
538560	Drill Core	2.12	0.060	9	8	0.47	82	<0.001	12	0.53	0.081	0.27	<0.1	0.10	2.4	<0.1	1.64	2	2.4	<0.2	
538561	Drill Core	2.88	0.070	10	9	0.57	49	0.002	10	0.57	0.076	0.27	<0.1	0.15	2.9	<0.1	3.23	2	2.9	0.4	
538562	Drill Core	1.50	0.073	11	5	0.54	51	0.001	7	0.47	0.074	0.22	<0.1	0.16	2.3	<0.1	2.57	2	3.8	0.4	
538563	Drill Core	1.57	0.066	12	4	0.62	44	0.002	6	0.45	0.073	0.22	<0.1	0.08	2.8	<0.1	1.22	2	3.7	<0.2	
538564	Drill Core	1.39	0.045	7	4	0.54	188	0.001	7	0.43	0.066	0.21	<0.1	0.13	1.7	<0.1	0.87	2	2.4	<0.2	
538565	Drill Core	1.26	0.057	9	5	0.60	67	0.002	6	0.39	0.062	0.20	<0.1	0.06	2.0	<0.1	2.26	2	3.3	0.9	
538566	Drill Core	1.29	0.063	12	4	0.61	31	0.002	5	0.45	0.058	0.22	0.1	0.06	1.9	<0.1	3.75	2	5.7	1.0	0.119
538567	Drill Core	1.23	0.068	14	4	0.59	33	0.002	5	0.52	0.096	0.16	<0.1	0.05	3.7	<0.1	2.19	3	4.5	0.9	0.117
538568	Drill Core	1.47	0.065	12	4	0.66	25	0.002	8	0.46	0.075	0.23	<0.1	0.06	2.4	<0.1	2.44	2	4.0	1.0	
538569	Drill Core	1.90	0.131	7	2	1.12	34	0.004	7	1.04	0.251	0.15	<0.1	0.10	11.3	<0.1	3.76	6	4.1	0.3	
538570	Rock Pulp	0.44	0.102	10	31	0.64	37	0.051	2	1.07	0.023	0.61	1.0	0.14	5.7	0.4	2.32	4	8.5	1.3	0.392
538571	Drill Core	2.78	0.060	9	5	1.22	47	0.003	3	0.27	0.065	0.11	<0.1	0.02	2.8	<0.1	1.66	2	2.6	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 4 of 8 Part 1

CERTIFICATE OF ANALYSIS

SMI10000304.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538572	Drill Core	0.216	3.71	77.5	2185	6.7	57	1.8	2.9	13.6	561	3.49	17.8	1.5	83.8	5.2	103	0.4	0.4	0.4	56
538573	Drill Core	0.233	5.07	48.1	2285	3.8	53	1.6	2.6	8.4	429	1.98	24.0	1.3	48.2	6.3	77	0.2	0.5	0.3	49
538574	Drill Core	0.308	3.73	99.1	3071	4.1	47	2.1	3.1	10.1	416	2.94	25.7	1.0	58.3	5.7	47	0.2	0.6	0.3	47
538575	Drill Core		5.96	61.3	1958	6.0	30	1.3	2.7	6.5	379	1.68	45.9	1.8	39.7	5.7	75	0.1	1.1	0.1	55
538576	Drill Core		4.92	7.0	616.2	11.7	50	0.4	10.7	11.2	794	2.90	21.7	1.1	10.3	3.0	232	<0.1	0.8	0.2	76
538577	Drill Core		2.52	0.6	39.9	6.5	36	<0.1	6.9	7.0	728	2.30	5.8	0.6	<0.5	2.3	147	<0.1	0.3	<0.1	63
538578	Drill Core		3.92	2.2	112.1	8.5	26	0.4	3.8	5.2	468	1.86	7.7	1.0	0.7	2.8	79	<0.1	0.2	0.2	40
538579	Drill Core		4.16	22.5	524.6	3.9	40	0.4	2.1	5.9	403	3.03	32.1	1.3	13.4	4.9	68	<0.1	<0.1	0.2	47
538580	Drill Core		3.47	5.7	913.1	10.4	44	0.6	2.5	5.3	374	2.56	191.1	1.2	22.1	4.8	70	0.2	0.5	0.2	48
538581	Drill Core		4.00	33.7	541.5	7.1	40	0.3	2.2	7.4	411	2.59	43.6	0.9	16.9	5.7	89	<0.1	0.2	0.2	47
538582	Drill Core		4.07	32.9	334.8	7.4	79	0.2	2.6	5.0	621	2.69	36.3	1.1	9.3	5.9	63	0.2	0.1	0.2	55
538583	Drill Core		4.50	15.4	1211	9.5	78	0.8	3.0	3.6	552	2.40	268.2	1.3	20.1	6.2	73	0.4	0.3	0.2	60
538584	Drill Core		4.57	4.3	449.2	8.8	63	0.4	3.5	10.0	590	2.75	67.4	1.5	11.7	5.8	118	0.1	0.1	0.3	45
538585	Rock		0.37	0.6	23.1	4.4	47	<0.1	23.3	6.9	389	2.08	4.9	0.7	0.5	3.5	32	<0.1	0.5	<0.1	45
538586	Drill Core		1.42	0.6	499.7	2.5	51	0.4	17.2	11.4	863	3.84	32.9	1.7	26.3	1.0	320	<0.1	0.1	<0.1	101
538587	Drill Core		4.47	6.4	459.2	5.0	45	0.4	6.1	5.8	705	2.89	30.0	1.6	12.9	5.6	152	<0.1	0.1	0.2	54
538588	Drill Core		4.05	7.8	204.5	7.7	31	0.1	2.0	6.2	392	2.21	13.5	1.1	5.9	7.6	90	<0.1	<0.1	0.1	34
538589	Drill Core		4.74	140.3	614.6	9.5	41	0.5	3.3	5.6	427	2.09	59.4	1.2	13.1	7.0	100	<0.1	0.1	0.2	41
538590	Drill Core		4.59	2.3	576.4	24.2	74	0.6	2.4	4.0	588	2.77	56.3	1.4	17.8	6.1	94	0.2	0.1	0.4	49
538591	Drill Core		4.33	18.3	571.1	15.7	71	0.6	2.5	5.1	396	2.67	57.9	1.4	11.8	6.1	104	0.2	<0.1	0.2	53
538592	Drill Core		4.72	75.4	794.7	146.9	307	1.0	3.0	7.1	478	2.83	153.5	2.7	14.7	5.4	78	1.7	0.2	0.7	43
538593	Drill Core		4.28	1.6	356.0	48.8	132	0.5	2.0	6.3	606	2.90	37.7	3.5	11.9	6.7	67	0.4	<0.1	0.5	39
538594	Drill Core		4.55	132.1	395.3	13.0	73	0.4	2.0	8.5	605	2.94	15.2	2.2	12.6	6.1	85	<0.1	<0.1	0.4	45
538595	Drill Core		4.14	7.3	846.6	10.5	49	0.9	1.8	8.6	532	2.34	13.2	1.8	27.9	5.5	118	0.2	0.1	0.5	42
538596	Drill Core		3.64	203.2	423.9	23.8	56	0.5	2.0	5.0	594	2.07	18.6	4.2	8.7	5.0	189	<0.1	0.3	0.3	44
538597	Drill Core		4.91	38.7	442.2	18.7	94	0.5	2.4	5.0	865	2.20	11.0	2.9	10.2	4.9	163	0.3	0.2	0.2	45
538598	Drill Core		4.30	44.6	386.5	11.7	58	0.3	1.9	5.1	494	1.82	3.9	1.5	5.1	4.9	150	0.1	<0.1	0.1	36
538599	Drill Core		4.26	13.1	693.9	14.8	67	0.5	1.9	7.0	463	2.03	3.6	1.6	14.1	7.6	134	0.3	<0.1	0.2	31
538600	Drill Core	0.236	1.87	113.9	2283	8.2	51	1.2	3.1	9.9	524	1.89	12.6	2.9	43.3	5.3	254	0.1	0.3	0.2	39
538601	Drill Core	0.226	2.06	131.1	2151	27.4	47	1.2	3.2	10.2	509	1.81	9.8	3.3	47.2	5.2	238	0.2	0.2	0.3	42

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 4 of 8 Part 2

CERTIFICATE OF ANALYSIS

SMI10000304.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.05	1	0.5	0.2	0.005		
538572	Drill Core	1.70	0.092	14	4	0.89	31	0.002	5	0.58	0.128	0.17	<0.1	0.02	5.1	<0.1	2.38	3	3.6	0.6	
538573	Drill Core	1.55	0.067	12	6	0.74	34	0.002	5	0.48	0.103	0.15	<0.1	0.01	3.5	<0.1	1.12	3	2.7	<0.2	
538574	Drill Core	1.47	0.057	7	5	0.70	29	0.002	4	0.38	0.057	0.16	<0.1	0.01	2.3	<0.1	2.41	2	3.8	<0.2	
538575	Drill Core	2.01	0.052	11	6	0.88	37	0.002	4	0.37	0.081	0.13	<0.1	0.02	2.8	<0.1	0.88	2	1.8	<0.2	
538576	Drill Core	2.08	0.064	9	18	0.92	46	0.004	6	0.86	0.287	0.10	<0.1	0.01	9.7	<0.1	0.41	5	0.6	<0.2	
538577	Drill Core	2.25	0.045	9	11	0.99	31	0.002	4	0.47	0.177	0.08	0.1	0.01	7.4	<0.1	0.12	3	<0.5	<0.2	
538578	Drill Core	1.86	0.040	9	7	0.82	59	0.001	6	0.38	0.100	0.12	0.2	<0.01	3.0	<0.1	0.19	2	<0.5	<0.2	
538579	Drill Core	1.35	0.056	10	2	0.77	156	0.002	4	0.37	0.067	0.14	0.1	0.01	2.7	<0.1	0.81	3	1.3	<0.2	
538580	Drill Core	1.47	0.047	9	4	0.74	146	0.002	4	0.41	0.075	0.10	<0.1	0.02	3.2	<0.1	0.66	2	1.8	<0.2	
538581	Drill Core	1.15	0.061	12	3	0.65	32	0.002	5	0.44	0.094	0.09	0.1	0.01	3.9	<0.1	0.50	3	1.2	<0.2	
538582	Drill Core	1.28	0.061	13	4	0.76	29	0.002	6	0.41	0.078	0.10	0.1	0.02	3.6	<0.1	0.50	3	0.8	<0.2	
538583	Drill Core	1.45	0.061	11	4	0.73	36	0.002	4	0.36	0.081	0.08	0.1	0.01	3.6	<0.1	0.30	2	1.2	<0.2	
538584	Drill Core	1.26	0.062	11	4	0.50	107	0.004	5	0.62	0.149	0.11	0.1	<0.01	3.9	<0.1	0.97	3	<0.5	<0.2	
538585	Rock	0.50	0.066	10	22	0.55	103	0.094	2	0.94	0.060	0.12	0.1	0.03	2.9	<0.1	<0.05	4	<0.5	0.3	
538586	Drill Core	4.13	0.096	5	24	0.95	404	0.115	5	1.52	0.283	0.17	0.2	<0.01	7.7	<0.1	0.36	6	<0.5	<0.2	
538587	Drill Core	1.73	0.067	11	7	0.70	232	0.017	8	1.08	0.229	0.14	<0.1	<0.01	4.5	<0.1	0.55	5	<0.5	<0.2	
538588	Drill Core	1.12	0.040	11	4	0.38	32	0.002	4	0.39	0.113	0.09	<0.1	<0.01	2.5	<0.1	0.35	3	<0.5	<0.2	
538589	Drill Core	1.47	0.040	10	5	0.37	40	0.002	4	0.45	0.119	0.10	<0.1	0.01	3.0	<0.1	0.52	3	0.7	<0.2	
538590	Drill Core	1.18	0.057	13	4	0.61	37	0.004	6	0.41	0.087	0.14	0.2	<0.01	3.3	<0.1	0.74	3	0.8	0.3	
538591	Drill Core	1.00	0.061	13	3	0.51	81	0.004	2	0.39	0.095	0.13	0.2	<0.01	3.4	<0.1	0.80	3	<0.5	<0.2	
538592	Drill Core	1.23	0.054	13	5	0.56	55	0.004	2	0.28	0.056	0.14	0.3	0.01	2.5	<0.1	1.63	2	1.3	0.4	
538593	Drill Core	0.88	0.059	18	5	0.55	52	0.004	3	0.33	0.059	0.15	0.2	<0.01	3.0	<0.1	1.31	3	<0.5	<0.2	
538594	Drill Core	0.89	0.058	14	5	0.50	39	0.004	3	0.37	0.078	0.13	0.3	0.02	3.0	<0.1	1.29	3	0.8	<0.2	
538595	Drill Core	1.07	0.059	12	4	0.47	57	0.003	5	0.46	0.106	0.13	0.2	<0.01	3.0	<0.1	0.95	3	0.8	0.6	
538596	Drill Core	1.86	0.057	17	3	0.79	37	0.002	2	0.38	0.114	0.09	0.1	0.01	2.9	<0.1	0.59	2	1.0	<0.2	
538597	Drill Core	1.84	0.062	15	4	0.69	51	0.002	3	0.52	0.134	0.11	<0.1	<0.01	3.3	<0.1	0.27	3	<0.5	<0.2	
538598	Drill Core	1.33	0.061	13	4	0.43	84	0.003	3	0.72	0.147	0.09	<0.1	<0.01	2.6	<0.1	0.27	4	0.6	<0.2	
538599	Drill Core	1.11	0.051	14	4	0.43	35	0.002	4	0.53	0.126	0.10	0.1	<0.01	2.8	<0.1	0.64	3	0.7	<0.2	
538600	Drill Core	2.15	0.062	16	3	0.89	49	0.001	3	0.44	0.123	0.08	<0.1	0.02	3.1	<0.1	0.72	2	1.4	<0.2	
538601	Drill Core	1.93	0.056	16	3	0.83	39	0.001	3	0.51	0.120	0.08	0.1	0.01	3.2	<0.1	0.70	3	2.0	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 5 of 8 Part 1

CERTIFICATE OF ANALYSIS

SMI10000304.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V		
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm		
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1		
538602	Drill Core		3.85	74.7	1684	5.7	52	0.8	2.3	4.2	495	1.87	9.6	1.4	20.0	6.0	282	<0.1	0.1	0.2	48	
538603	Drill Core		3.21	55.0	1069	7.1	38	0.6	2.7	4.6	416	1.71	6.4	1.3	23.6	5.5	154	<0.1	<0.1	0.2	41	
538604	Drill Core		5.15	10.4	405.2	5.4	24	0.2	1.7	4.8	368	1.88	3.5	1.8	7.6	5.6	160	<0.1	<0.1	<0.1	35	
538605	Drill Core		4.63	3.6	426.6	8.4	36	0.3	1.6	5.1	434	2.08	4.1	1.2	10.1	6.7	120	0.1	0.1	0.2	44	
538606	Drill Core		5.24	4.7	815.2	16.3	63	0.6	2.3	3.8	616	2.25	11.2	2.4	7.6	7.6	151	0.2	0.1	0.2	44	
538607	Drill Core		3.96	16.5	519.8	30.6	72	0.6	1.7	5.1	472	2.06	6.2	1.2	5.2	5.8	133	0.3	0.1	0.3	47	
538608	Drill Core		4.09	72.2	640.4	57.0	145	0.5	1.5	3.8	449	1.80	4.1	1.0	6.3	5.4	148	0.7	<0.1	0.3	47	
538609	Drill Core		4.42	65.7	1240	7.7	39	0.7	2.9	6.1	423	1.91	5.9	1.7	21.9	5.0	192	0.1	0.2	0.2	48	
538610	Drill Core		4.47	50.0	1253	19.2	66	1.2	2.4	5.8	500	1.91	3.8	1.4	27.4	5.1	146	0.2	0.1	0.2	48	
538611	Drill Core		5.01	36.2	323.3	10.0	46	0.2	2.3	3.0	418	2.01	4.5	1.8	4.2	5.4	214	<0.1	0.1	0.1	49	
538612	Drill Core		2.71	4.5	460.0	7.3	38	0.3	3.5	3.5	389	2.01	3.4	1.2	6.7	6.5	143	<0.1	0.1	0.1	46	
538613	Drill Core		2.39	24.1	605.4	9.2	54	0.6	35.4	9.4	682	2.29	9.6	1.6	11.4	5.2	536	0.1	0.6	0.2	60	
538614	Drill Core		4.63	35.0	528.9	10.8	211	0.5	403.4	34.0	3173	4.58	8.4	0.6	2.0	1.2	199	0.3	0.3	0.3	123	
538615	Rock Pulp		0.09	164.9	1814	20.7	66	2.1	17.4	17.3	382	4.04	27.6	4.1	186.7	9.1	64	1.2	6.7	2.5	53	
538616	Drill Core		5.03	23.7	1721	6.6	352	1.7	277.6	35.0	2259	4.99	5.7	0.4	7.0	0.7	227	2.1	0.3	0.2	99	
538617	Drill Core		3.48	8.9	139.9	3.8	96	<0.1	361.3	42.8	1702	4.92	5.6	0.3	3.5	0.8	397	0.1	<0.1	0.2	94	
538618	Drill Core		5.01	31.6	456.7	6.3	49	0.4	21.5	7.7	618	2.09	4.8	1.6	6.5	4.8	116	0.1	0.3	0.2	44	
538619	Drill Core		3.78	69.8	275.7	4.6	106	0.3	388.3	38.4	1733	4.22	5.2	0.6	2.0	0.9	374	0.3	0.2	0.2	90	
538620	Drill Core		4.68	1.0	107.9	2.0	81	<0.1	16.1	18.2	1189	4.22	5.9	0.3	3.0	1.0	233	<0.1	0.3	<0.1	112	
538621	Drill Core		3.80	0.9	89.5	2.9	61	<0.1	4.2	19.6	1332	4.32	5.5	0.4	1.7	0.9	225	<0.1	0.4	<0.1	115	
538622	Drill Core		3.25	1.2	131.3	8.3	45	0.1	4.8	16.8	997	4.10	4.0	0.4	3.1	0.9	260	<0.1	0.3	0.1	107	
538623	Drill Core		4.77	0.5	65.1	15.3	45	<0.1	2.8	13.2	1077	3.86	3.8	0.3	2.4	0.9	220	<0.1	0.3	0.2	104	
538624	Drill Core		4.20	0.9	45.1	3.4	48	<0.1	3.7	12.5	934	3.75	4.1	0.3	0.8	0.9	218	<0.1	0.3	<0.1	100	
538625	Drill Core		4.64	0.7	99.8	3.6	53	<0.1	2.5	14.9	1013	3.82	3.6	0.4	4.0	0.8	216	<0.1	0.3	<0.1	103	
538626	Drill Core		4.24	0.5	126.0	3.1	61	<0.1	3.3	20.0	918	3.80	3.8	0.2	1.9	0.9	182	<0.1	0.2	<0.1	104	
538627	Drill Core		4.95	0.8	165.7	3.3	62	<0.1	3.6	17.8	919	3.80	3.1	0.3	1.5	0.9	209	<0.1	0.2	<0.1	107	
538628	Drill Core		5.07	0.2	43.7	2.8	92	<0.1	3.4	14.4	1131	4.02	3.5	0.2	0.8	1.0	193	<0.1	0.1	<0.1	104	
538629	Drill Core		4.99	0.4	88.4	3.8	70	<0.1	2.9	17.5	994	3.78	4.2	0.3	1.5	0.8	214	<0.1	0.2	<0.1	100	
538630	Rock Pulp		0.464	0.09	270.1	4650	35.5	145	2.4	24.2	18.1	534	4.63	118.1	0.6	401.3	1.7	30	1.1	6.0	0.6	81
538631	Drill Core		3.76	1.2	66.0	3.6	65	<0.1	3.8	17.6	1048	4.08	4.2	0.3	0.9	0.8	195	<0.1	0.2	<0.1	107	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 5 of 8 Part 2

CERTIFICATE OF ANALYSIS

SMI10000304.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
538602	Drill Core	2.12	0.064	16	3	0.85	33	0.002	4	0.51	0.123	0.08	<0.1	<0.01	3.2	<0.1	0.46	3	0.9	<0.2	
538603	Drill Core	1.33	0.056	16	5	0.44	59	0.002	6	0.57	0.127	0.10	<0.1	<0.01	2.8	<0.1	0.52	3	0.8	<0.2	
538604	Drill Core	1.65	0.046	14	4	0.69	94	0.001	3	0.34	0.074	0.11	<0.1	<0.01	2.1	<0.1	0.69	2	0.6	<0.2	
538605	Drill Core	1.48	0.059	14	3	0.51	246	0.003	4	0.53	0.103	0.14	<0.1	<0.01	2.5	<0.1	0.57	3	<0.5	<0.2	
538606	Drill Core	2.09	0.058	14	4	0.81	36	0.004	3	0.40	0.083	0.14	0.1	<0.01	2.9	<0.1	0.67	2	1.0	<0.2	
538607	Drill Core	1.28	0.058	13	5	0.57	38	0.003	2	0.36	0.088	0.11	<0.1	<0.01	3.0	<0.1	0.55	3	<0.5	<0.2	
538608	Drill Core	1.29	0.060	13	3	0.57	38	0.003	2	0.35	0.088	0.09	0.1	0.01	2.9	<0.1	0.51	2	0.6	<0.2	
538609	Drill Core	1.46	0.064	15	5	0.63	73	0.003	4	0.55	0.113	0.12	<0.1	0.01	3.4	<0.1	0.63	3	1.0	<0.2	
538610	Drill Core	1.25	0.064	14	5	0.55	49	0.006	4	0.64	0.105	0.11	0.4	<0.01	3.0	<0.1	0.59	4	1.0	0.2	
538611	Drill Core	1.21	0.059	13	5	0.66	45	0.004	4	0.59	0.135	0.10	0.1	<0.01	3.1	<0.1	0.31	4	<0.5	<0.2	
538612	Drill Core	0.78	0.058	13	4	0.51	79	0.002	3	0.42	0.128	0.08	<0.1	<0.01	3.3	<0.1	0.21	3	<0.5	<0.2	
538613	Drill Core	3.22	0.051	10	38	1.78	35	0.001	3	0.58	0.119	0.13	0.1	0.03	3.8	<0.1	0.68	2	0.6	<0.2	
538614	Drill Core	5.28	0.085	6	550	4.86	44	0.083	4	3.12	0.104	0.15	0.1	0.02	10.6	<0.1	0.63	11	<0.5	<0.2	
538615	Rock Pulp	1.82	0.072	17	69	0.86	62	0.032	7	1.54	0.054	0.55	2.3	0.11	5.2	0.3	1.75	5	2.4	<0.2	0.228
538616	Drill Core	5.78	0.101	5	458	3.87	72	0.069	5	2.25	0.122	0.23	0.1	0.15	9.7	<0.1	1.21	8	1.7	<0.2	
538617	Drill Core	5.48	0.118	5	496	5.24	144	0.089	7	2.70	0.180	0.31	0.1	0.05	8.8	<0.1	1.12	9	0.7	<0.2	
538618	Drill Core	1.71	0.060	12	22	1.22	81	0.010	7	0.86	0.104	0.15	<0.1	0.03	3.1	<0.1	0.59	5	<0.5	<0.2	
538619	Drill Core	4.66	0.099	6	571	5.18	135	0.067	7	2.45	0.196	0.10	<0.1	0.03	7.2	<0.1	0.51	10	0.7	<0.2	
538620	Drill Core	2.29	0.163	7	12	2.05	174	0.058	7	1.64	0.188	0.14	<0.1	<0.01	9.1	<0.1	0.22	9	<0.5	<0.2	
538621	Drill Core	3.34	0.158	6	1	1.58	326	0.063	7	1.62	0.146	0.15	0.2	0.01	8.8	<0.1	0.25	8	<0.5	<0.2	
538622	Drill Core	2.65	0.143	6	4	1.15	72	0.092	8	1.11	0.123	0.15	0.3	<0.01	5.9	<0.1	0.29	6	<0.5	<0.2	
538623	Drill Core	2.76	0.145	6	<1	1.00	65	0.096	4	1.09	0.138	0.14	0.3	<0.01	5.0	<0.1	0.23	6	<0.5	<0.2	
538624	Drill Core	2.32	0.143	6	3	0.86	236	0.102	4	1.24	0.192	0.17	0.2	<0.01	4.2	<0.1	0.17	6	<0.5	<0.2	
538625	Drill Core	2.44	0.135	6	1	0.98	86	0.096	5	1.21	0.185	0.14	0.3	<0.01	5.0	<0.1	0.25	6	<0.5	<0.2	
538626	Drill Core	2.17	0.140	6	1	1.40	110	0.110	5	1.43	0.163	0.14	0.2	<0.01	6.7	<0.1	0.33	7	0.8	<0.2	
538627	Drill Core	2.30	0.138	6	2	1.30	84	0.114	3	1.38	0.147	0.13	0.2	0.01	6.9	<0.1	0.39	7	0.9	<0.2	
538628	Drill Core	3.11	0.140	7	<1	1.37	189	0.089	5	1.50	0.155	0.17	<0.1	<0.01	8.1	<0.1	0.20	8	<0.5	<0.2	
538629	Drill Core	3.30	0.146	6	1	0.97	207	0.113	6	1.52	0.166	0.18	0.2	<0.01	7.2	<0.1	0.26	6	<0.5	<0.2	
538630	Rock Pulp	0.46	0.109	10	33	0.68	41	0.053	4	1.16	0.025	0.65	1.1	0.10	6.1	0.4	2.42	4	6.5	0.5	0.391
538631	Drill Core	3.73	0.147	6	1	0.99	180	0.106	7	1.54	0.203	0.20	0.2	<0.01	7.2	<0.1	0.25	7	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 6 of 8 Part 1

CERTIFICATE OF ANALYSIS

SMI10000304.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538632	Drill Core		4.93	0.3	50.7	5.7	63	<0.1	5.2	16.9	1104	3.83	3.1	0.3	0.8	0.9	230	<0.1	0.1	0.1	95
538633	Drill Core		4.70	0.3	86.5	2.4	61	<0.1	4.4	19.8	1189	4.03	3.3	0.3	1.9	0.9	224	<0.1	0.2	<0.1	90
538634	Drill Core		4.79	0.6	46.4	2.8	47	<0.1	3.6	15.7	1079	3.55	4.5	0.3	2.7	1.1	216	<0.1	0.2	<0.1	82
538635	Drill Core		4.87	0.6	45.8	2.7	53	<0.1	6.2	15.6	1206	3.78	5.7	0.3	1.1	1.1	231	<0.1	0.2	<0.1	85
538636	Drill Core		4.48	0.3	42.0	1.9	58	<0.1	3.6	18.0	1148	4.12	3.6	0.3	0.8	1.0	240	<0.1	0.2	<0.1	95
538637	Drill Core		4.35	0.4	82.9	2.1	49	<0.1	3.8	20.0	1095	4.19	4.1	0.3	2.2	1.0	249	<0.1	0.2	<0.1	97
538638	Drill Core		4.00	0.6	136.1	2.5	45	<0.1	4.8	17.0	1016	4.22	4.7	0.3	3.7	1.1	222	<0.1	0.2	<0.1	98
538639	Drill Core		4.77	11.3	467.9	3.7	47	0.3	3.9	17.1	977	3.30	9.5	1.1	11.5	2.5	242	<0.1	0.2	<0.1	82
538640	Drill Core		4.91	10.9	417.5	13.3	97	0.4	11.7	10.2	1115	2.80	15.4	1.6	9.0	4.0	225	0.5	0.4	0.1	47
538641	Drill Core		6.40	124.4	998.9	11.4	47	0.8	6.2	10.0	797	2.29	5.4	1.3	25.3	4.2	189	0.2	0.2	0.1	41
538642	Drill Core		3.55	32.5	776.9	12.2	99	0.9	22.6	15.3	1425	3.34	156.4	13.0	17.8	2.7	393	0.3	2.8	0.1	71
538643	Drill Core		3.41	11.9	939.8	8.2	69	1.1	3.6	5.0	908	1.83	285.3	13.3	12.4	2.9	169	0.4	8.3	0.1	20
538644	Drill Core		2.26	37.4	362.6	6.2	55	0.5	4.2	5.6	955	1.77	136.0	2.5	3.8	2.7	143	0.6	7.2	<0.1	12
538645	Rock		0.40	1.0	24.7	3.8	52	<0.1	25.3	8.0	438	2.41	7.6	0.6	0.6	2.9	59	0.1	0.5	<0.1	44
538646	Drill Core		4.84	24.8	334.2	10.8	67	0.4	10.5	7.9	1039	2.26	122.9	2.5	3.5	2.8	138	0.4	2.3	<0.1	24
538647	Drill Core		4.83	15.5	210.6	7.8	56	0.2	2.4	4.7	822	2.35	7.1	0.8	1.9	4.8	60	<0.1	0.2	<0.1	42
538648	Drill Core		4.75	13.2	152.9	13.3	65	0.1	1.3	5.5	1064	2.58	2.8	1.4	1.8	4.0	116	0.2	<0.1	<0.1	39
538649	Drill Core		3.93	10.9	296.1	17.9	61	0.3	2.6	5.9	917	2.21	9.1	1.2	2.4	4.5	77	0.2	0.2	0.2	33
538650	Drill Core		4.09	5.9	147.9	11.9	59	0.2	1.8	5.8	898	2.15	10.2	1.0	1.2	4.7	55	0.2	0.2	<0.1	23
538651	Drill Core		4.95	6.0	150.0	13.1	64	0.1	1.9	5.2	918	2.04	3.5	1.0	1.0	5.1	59	0.2	0.2	<0.1	30
538652	Drill Core		5.78	13.7	736.0	26.0	62	0.9	2.6	6.2	808	2.18	23.3	2.4	12.5	4.1	135	0.2	0.5	0.3	35
538653	Drill Core		4.37	32.7	1529	46.0	93	2.3	2.1	5.2	846	2.35	15.4	1.4	15.4	3.5	124	0.4	0.2	0.6	45
538654	Drill Core		4.31	35.6	624.8	49.1	82	1.6	1.6	4.9	794	2.43	27.6	1.4	86.1	3.8	103	0.2	0.2	0.4	44
538655	Drill Core		4.62	26.8	567.3	40.0	61	0.6	2.0	6.4	609	1.57	42.4	2.3	7.6	5.1	141	0.2	0.2	0.4	37
538656	Drill Core		5.09	72.0	1560	17.0	69	1.2	2.0	4.7	550	1.82	50.5	1.1	17.5	4.6	144	0.3	0.2	0.2	36
538657	Drill Core		3.66	34.0	413.3	28.3	61	0.4	1.4	3.2	591	1.69	22.8	3.1	4.8	6.3	152	<0.1	0.1	0.4	40
538658	Drill Core		2.39	26.7	1026	51.5	65	1.1	2.1	5.6	468	1.85	72.9	1.0	10.8	4.4	83	0.3	0.2	0.7	31
538659	Drill Core		3.84	21.5	1764	36.9	74	1.3	2.5	7.2	549	2.13	39.4	1.3	15.4	5.4	153	0.3	0.3	0.3	36
538660	Drill Core		2.14	10.2	763.7	60.0	90	0.7	3.0	6.0	641	1.80	6.0	2.1	10.8	5.2	167	0.3	0.1	0.3	37
538661	Drill Core		1.92	8.0	676.1	60.0	93	0.6	1.8	6.4	603	1.77	5.1	2.2	12.8	5.8	156	0.3	0.2	0.3	36

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 6 of 8 Part 2

CERTIFICATE OF ANALYSIS

SMI10000304.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.05	1	0.5	0.2	0.005		
538632	Drill Core	3.57	0.144	6	1	0.82	98	0.083	8	1.35	0.191	0.18	0.1	<0.01	7.9	<0.1	0.22	6	<0.5	<0.2	
538633	Drill Core	4.51	0.145	6	1	0.82	97	0.049	10	1.37	0.192	0.21	<0.1	0.01	9.0	<0.1	0.24	6	0.6	<0.2	
538634	Drill Core	4.43	0.139	8	2	0.72	90	0.006	10	1.31	0.164	0.20	<0.1	<0.01	10.2	<0.1	0.10	6	<0.5	<0.2	
538635	Drill Core	5.08	0.147	9	4	0.90	72	0.006	8	1.42	0.157	0.20	<0.1	<0.01	9.9	<0.1	0.09	7	<0.5	<0.2	
538636	Drill Core	3.30	0.150	7	1	1.00	90	0.059	7	1.46	0.202	0.17	<0.1	<0.01	8.6	<0.1	0.15	6	<0.5	<0.2	
538637	Drill Core	3.59	0.145	8	1	1.08	87	0.039	7	1.41	0.173	0.17	<0.1	0.02	10.3	<0.1	0.24	7	<0.5	<0.2	
538638	Drill Core	3.85	0.149	8	2	0.94	60	0.023	10	1.27	0.131	0.18	<0.1	<0.01	11.0	<0.1	0.14	7	<0.5	<0.2	
538639	Drill Core	5.28	0.132	10	1	0.74	250	0.003	14	0.83	0.086	0.23	<0.1	0.01	9.2	<0.1	0.65	4	1.8	<0.2	
538640	Drill Core	4.51	0.072	11	28	0.63	311	0.002	8	0.81	0.120	0.17	<0.1	0.02	5.9	<0.1	0.42	4	<0.5	<0.2	
538641	Drill Core	1.92	0.060	12	4	0.77	233	0.002	3	0.45	0.114	0.12	<0.1	0.01	3.2	<0.1	0.54	3	0.7	<0.2	
538642	Drill Core	3.85	0.082	6	73	1.42	126	0.001	8	1.09	0.234	0.19	<0.1	0.05	11.7	<0.1	0.57	4	<0.5	<0.2	
538643	Drill Core	3.26	0.047	4	3	1.00	346	<0.001	12	0.80	0.076	0.22	<0.1	0.10	2.4	<0.1	0.46	2	<0.5	<0.2	
538644	Drill Core	3.26	0.063	5	3	0.80	334	<0.001	12	0.62	0.069	0.18	<0.1	0.09	2.1	<0.1	0.36	2	<0.5	0.3	
538645	Rock	0.68	0.077	12	27	0.61	162	0.090	3	1.11	0.081	0.14	<0.1	0.03	3.8	<0.1	<0.05	4	<0.5	<0.2	
538646	Drill Core	3.02	0.066	5	9	0.78	340	<0.001	11	0.68	0.079	0.20	<0.1	0.09	2.8	<0.1	0.42	2	<0.5	<0.2	
538647	Drill Core	2.18	0.062	13	4	0.40	200	0.002	5	0.39	0.081	0.11	0.2	<0.01	2.2	<0.1	0.27	2	<0.5	<0.2	
538648	Drill Core	4.41	0.046	9	4	0.69	590	0.001	6	0.40	0.064	0.14	0.1	<0.01	2.2	<0.1	0.24	2	<0.5	<0.2	
538649	Drill Core	2.55	0.054	9	4	0.48	409	0.002	6	0.42	0.069	0.17	0.2	<0.01	2.4	<0.1	0.34	2	<0.5	<0.2	
538650	Drill Core	1.78	0.062	9	3	0.31	242	0.002	4	0.34	0.076	0.16	0.2	<0.01	2.0	<0.1	0.37	1	<0.5	<0.2	
538651	Drill Core	1.94	0.063	12	3	0.31	247	0.003	5	0.34	0.073	0.18	0.3	<0.01	2.3	<0.1	0.23	2	<0.5	<0.2	
538652	Drill Core	2.16	0.052	7	3	0.64	200	0.002	4	0.35	0.068	0.14	0.3	0.02	2.4	<0.1	0.56	2	0.6	0.3	
538653	Drill Core	2.03	0.073	12	6	0.48	122	0.006	3	0.33	0.073	0.10	0.1	<0.01	2.9	<0.1	0.71	2	1.4	<0.2	
538654	Drill Core	1.85	0.074	13	5	0.50	126	0.005	3	0.33	0.082	0.07	0.1	0.01	3.2	<0.1	0.64	2	0.6	<0.2	
538655	Drill Core	1.89	0.049	11	6	0.45	188	0.003	2	0.31	0.072	0.10	0.1	0.02	2.2	<0.1	0.42	2	<0.5	<0.2	
538656	Drill Core	1.76	0.047	9	5	0.46	111	0.003	2	0.30	0.061	0.11	0.2	0.02	1.9	<0.1	0.50	2	1.0	<0.2	
538657	Drill Core	1.99	0.040	9	8	0.43	111	0.004	2	0.25	0.063	0.09	<0.1	<0.01	1.7	<0.1	0.42	2	0.6	<0.2	
538658	Drill Core	1.45	0.052	11	5	0.23	89	0.003	2	0.24	0.064	0.09	<0.1	0.04	1.7	<0.1	0.92	1	1.4	<0.2	
538659	Drill Core	1.56	0.051	12	6	0.41	118	0.003	2	0.27	0.070	0.11	0.1	0.03	2.1	<0.1	0.95	2	1.4	<0.2	
538660	Drill Core	1.51	0.053	12	5	0.50	64	0.003	2	0.37	0.089	0.15	0.1	0.03	2.3	<0.1	0.51	3	0.9	<0.2	
538661	Drill Core	1.45	0.053	12	3	0.53	53	0.003	3	0.29	0.074	0.11	0.1	0.04	2.4	<0.1	0.48	2	0.6	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 7 of 8 Part 1

CERTIFICATE OF ANALYSIS

SMI10000304.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
538662	Drill Core	4.43	15.3	504.7	45.9	80	0.4	2.2	4.3	665	1.89	5.6	1.6	9.6	5.6	147	0.2	0.2	<0.1	37
538663	Drill Core	5.41	6.6	455.7	7.9	29	0.2	1.6	6.0	310	1.87	4.8	0.8	9.9	5.7	80	0.1	<0.1	<0.1	37
538664	Drill Core	5.05	7.0	462.4	35.9	145	0.5	1.7	4.6	1032	2.12	8.0	1.6	8.1	4.5	259	0.3	0.1	0.2	42
538665	Drill Core	5.08	39.3	1411	114.3	145	1.2	2.5	5.6	740	2.08	14.9	1.4	31.2	4.3	198	0.8	0.2	0.3	35
538666	Drill Core	4.78	57.9	1668	71.8	242	2.0	1.8	5.1	914	1.59	21.8	1.6	28.4	3.0	199	1.9	0.2	0.4	27
538667	Drill Core	5.44	34.8	797.8	27.6	105	1.0	1.2	4.1	861	1.74	7.2	1.4	23.0	4.0	218	0.6	0.1	0.2	34
538668	Drill Core	4.03	3.4	293.5	22.6	65	0.3	2.8	4.1	664	2.10	2.5	1.5	3.8	4.8	248	0.1	<0.1	<0.1	38
538669	Drill Core	4.27	3.8	160.7	33.7	53	0.2	1.4	3.2	686	1.82	2.6	3.3	2.5	4.3	450	0.1	<0.1	0.1	32
538670	Drill Core	4.44	3.4	160.2	21.7	60	0.2	2.1	4.1	632	2.06	3.3	1.3	8.9	4.1	243	<0.1	0.1	<0.1	35
538671	Drill Core	5.22	5.6	193.0	13.9	66	0.2	1.4	4.8	709	1.85	3.3	1.2	5.6	2.9	258	<0.1	<0.1	<0.1	30
538672	Drill Core	5.04	4.9	354.4	9.5	49	0.3	1.9	6.7	591	2.18	3.4	1.1	42.7	2.8	180	<0.1	<0.1	<0.1	37
538673	Drill Core	4.31	4.5	172.9	7.1	32	0.2	1.9	5.1	474	1.89	8.8	1.1	2.7	3.0	195	<0.1	<0.1	<0.1	35
538674	Drill Core	4.00	4.5	202.1	6.7	32	0.2	2.9	5.0	511	1.62	10.2	0.9	3.0	3.7	172	<0.1	0.1	<0.1	40
538675	Rock Pulp	0.09	155.5	1784	24.1	64	2.2	17.7	17.5	373	3.88	26.0	4.6	198.0	10.1	70	0.7	6.2	2.6	56
538676	Drill Core	4.48	8.6	150.1	4.7	28	0.2	1.6	4.9	540	1.61	8.9	1.0	1.5	3.5	248	0.1	0.1	<0.1	40
538677	Drill Core	4.32	23.7	358.3	6.8	38	0.4	1.9	6.9	525	1.54	18.9	0.9	3.2	4.5	135	0.1	0.2	<0.1	31
538678	Drill Core	4.44	6.8	409.9	9.9	50	0.3	2.5	5.9	650	1.69	6.1	0.9	4.5	3.5	148	0.1	<0.1	<0.1	36
538679	Drill Core	4.38	2.5	187.3	10.1	57	0.2	2.0	5.0	779	1.93	2.8	0.7	2.4	4.3	119	<0.1	<0.1	<0.1	43
538680	Drill Core	5.05	28.0	1147	6.5	33	0.7	1.5	5.8	354	1.76	37.3	1.3	20.3	5.7	88	0.1	0.2	<0.1	37
538681	Drill Core	4.71	12.8	346.2	5.4	22	0.2	2.4	5.6	277	1.76	11.3	0.8	4.6	4.5	90	0.1	<0.1	<0.1	39
538682	Drill Core	5.19	24.9	1283	21.6	28	0.9	1.6	8.9	317	1.78	77.8	1.6	14.0	5.0	92	0.2	0.1	0.4	45
538683	Drill Core	3.70	29.1	551.8	9.5	26	0.4	1.8	6.5	286	1.67	9.6	1.3	4.5	5.6	68	0.1	<0.1	0.1	38
538684	Drill Core	4.13	7.1	831.3	69.9	345	1.3	1.4	4.4	1059	1.65	7.7	1.3	21.5	3.1	202	2.3	0.2	0.2	28
538685	Drill Core	4.51	37.5	674.8	9.4	34	0.3	1.1	4.3	280	1.41	24.4	0.7	17.2	4.8	79	0.1	<0.1	<0.1	31
538686	Drill Core	4.83	5.9	424.6	5.4	28	0.6	1.3	6.3	318	1.65	17.8	0.9	13.4	4.3	91	0.1	<0.1	<0.1	34
538687	Drill Core	4.89	30.8	532.1	4.7	20	0.3	1.5	6.4	263	1.78	49.6	1.1	14.1	4.8	85	0.1	<0.1	<0.1	36
538688	Drill Core	4.98	32.3	848.3	6.9	25	0.5	1.1	8.2	341	1.84	115.4	1.5	27.4	4.6	120	<0.1	0.1	0.1	37
538689	Drill Core	4.69	29.6	1177	16.1	56	0.8	1.0	6.1	712	1.69	343.1	2.2	20.1	4.2	142	0.2	0.3	0.1	34
538690	Rock	0.25	1.0	29.8	5.1	56	<0.1	26.6	9.0	463	2.44	5.3	0.6	3.3	3.0	44	0.2	0.6	<0.1	52
538691	Drill Core	3.14	73.0	651.5	36.5	52	0.6	1.3	5.1	474	1.86	214.1	1.4	7.8	3.8	89	0.4	0.2	0.3	36

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 7 of 8 Part 2

CERTIFICATE OF ANALYSIS

SMI10000304.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
538662	Drill Core	1.74	0.058	13	4	0.48	177	0.003	4	0.42	0.099	0.15	0.3	0.04	2.3	<0.1	0.36	3	<0.5	<0.2	
538663	Drill Core	1.58	0.050	11	6	0.38	102	0.002	3	0.31	0.065	0.11	<0.1	<0.01	2.3	<0.1	0.36	2	0.7	<0.2	
538664	Drill Core	1.73	0.053	11	4	0.68	47	0.002	3	0.51	0.129	0.12	<0.1	0.05	2.3	<0.1	0.34	3	0.5	<0.2	
538665	Drill Core	1.66	0.051	11	5	0.45	69	0.002	3	0.42	0.113	0.12	0.1	0.07	2.1	<0.1	0.69	3	1.5	<0.2	
538666	Drill Core	2.14	0.045	9	7	0.48	165	0.001	4	0.40	0.079	0.17	0.1	0.15	1.4	<0.1	0.45	2	1.5	<0.2	
538667	Drill Core	1.74	0.049	11	6	0.52	102	0.002	3	0.47	0.104	0.12	0.2	0.02	2.0	<0.1	0.28	3	0.6	<0.2	
538668	Drill Core	1.56	0.057	13	6	0.63	49	0.002	3	0.45	0.118	0.12	0.1	<0.01	2.2	<0.1	0.37	3	0.5	<0.2	
538669	Drill Core	3.22	0.045	11	5	1.09	404	0.001	4	0.39	0.104	0.14	<0.1	<0.01	1.8	<0.1	0.25	2	<0.5	<0.2	
538670	Drill Core	1.20	0.051	12	7	0.51	68	0.002	3	0.53	0.143	0.11	<0.1	<0.01	2.3	<0.1	0.25	3	<0.5	<0.2	
538671	Drill Core	1.88	0.053	12	7	0.63	189	0.003	4	0.61	0.129	0.15	<0.1	<0.01	1.8	<0.1	0.20	4	<0.5	<0.2	
538672	Drill Core	1.85	0.068	13	5	0.52	74	0.004	5	0.64	0.118	0.15	<0.1	<0.01	2.2	<0.1	0.33	5	0.7	<0.2	
538673	Drill Core	1.61	0.055	12	6	0.50	59	0.002	3	0.41	0.105	0.12	0.1	<0.01	2.1	<0.1	0.22	3	<0.5	<0.2	
538674	Drill Core	1.94	0.050	12	8	0.43	45	0.003	3	0.32	0.079	0.11	<0.1	<0.01	2.4	<0.1	0.14	2	<0.5	<0.2	
538675	Rock Pulp	1.72	0.067	19	70	0.82	47	0.038	5	1.51	0.054	0.54	2.2	0.09	5.2	0.3	1.70	5	1.9	<0.2	0.223
538676	Drill Core	2.16	0.050	11	6	0.73	74	0.003	3	0.31	0.077	0.12	0.1	<0.01	2.4	<0.1	0.16	2	<0.5	<0.2	
538677	Drill Core	1.89	0.044	9	6	0.32	73	0.003	2	0.28	0.069	0.10	<0.1	<0.01	1.7	<0.1	0.27	1	0.9	<0.2	
538678	Drill Core	1.67	0.053	10	6	0.36	93	0.003	3	0.37	0.078	0.14	<0.1	<0.01	2.3	<0.1	0.22	2	<0.5	0.3	
538679	Drill Core	1.55	0.056	13	4	0.41	282	0.003	3	0.33	0.069	0.10	<0.1	<0.01	2.8	<0.1	0.10	2	<0.5	<0.2	
538680	Drill Core	1.29	0.042	10	5	0.37	143	0.002	3	0.32	0.058	0.12	<0.1	<0.01	2.3	<0.1	0.40	2	1.5	<0.2	
538681	Drill Core	1.65	0.048	12	6	0.37	126	0.002	2	0.30	0.065	0.11	<0.1	<0.01	2.3	<0.1	0.28	1	1.3	<0.2	
538682	Drill Core	1.70	0.045	11	6	0.56	161	0.002	2	0.31	0.070	0.11	<0.1	<0.01	1.9	<0.1	0.43	2	1.7	<0.2	
538683	Drill Core	1.54	0.043	10	7	0.51	127	0.003	2	0.26	0.068	0.09	0.1	<0.01	1.9	<0.1	0.44	1	0.9	<0.2	
538684	Drill Core	1.49	0.050	10	4	0.45	94	0.002	4	0.59	0.109	0.21	<0.1	0.16	1.8	<0.1	0.26	3	0.9	<0.2	
538685	Drill Core	1.44	0.048	10	1	0.34	113	0.001	3	0.27	0.058	0.12	<0.1	<0.01	2.2	<0.1	0.22	2	0.8	<0.2	
538686	Drill Core	1.54	0.048	11	5	0.38	124	0.001	5	0.29	0.059	0.10	<0.1	<0.01	2.3	<0.1	0.27	2	0.8	<0.2	
538687	Drill Core	1.59	0.052	12	5	0.45	60	0.001	5	0.32	0.062	0.12	<0.1	<0.01	2.4	<0.1	0.21	2	0.7	<0.2	
538688	Drill Core	2.16	0.050	11	2	0.51	368	0.001	4	0.34	0.056	0.11	<0.1	0.01	2.3	<0.1	0.30	2	1.7	0.2	
538689	Drill Core	1.89	0.046	9	4	0.46	163	<0.001	5	0.38	0.052	0.12	<0.1	0.02	1.9	<0.1	0.21	2	1.0	<0.2	
538690	Rock	0.60	0.073	13	25	0.63	214	0.120	2	1.13	0.073	0.13	3.6	0.04	3.4	<0.1	<0.05	4	<0.5	<0.2	
538691	Drill Core	1.98	0.054	8	3	0.52	191	0.001	3	0.31	0.053	0.10	<0.1	0.03	2.2	<0.1	0.38	2	1.1	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Serengeti Resources
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
Report Date: August 11, 2010

Page: 8 of 8 Part 1

CERTIFICATE OF ANALYSIS

SMI10000304.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
538692	Drill Core	6.08	35.2	648.6	22.6	34	0.4	1.2	5.0	426	1.48	199.3	1.0	8.7	4.2	90	0.2	0.2	0.1	30



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
Report Date: August 11, 2010

Page: 1 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000304.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																				
538543	Drill Core	4.89	4.4	120.0	13.6	52	0.1	24.9	22.2	1211	3.89	8.5	0.6	3.0	1.5	321	<0.1	0.2	0.2	122
REP 538543	QC		4.2	115.4	13.4	53	0.1	24.8	21.6	1160	3.76	8.4	0.6	2.0	1.5	302	<0.1	0.2	0.2	118
REP 538553	QC		63.4	396.1	11.8	48	0.4	8.4	11.7	653	2.73	117.6	1.1	3.3	5.8	70	0.3	1.6	0.7	46
538568	Drill Core	0.304	5.10	106.1	2912	6.0	55	2.8	3.5	10.8	389	3.10	24.1	2.0	58.1	5.7	79	0.5	0.6	38
REP 538568	QC	0.303																		
538608	Drill Core	4.09	72.2	640.4	57.0	145	0.5	1.5	3.8	449	1.80	4.1	1.0	6.3	5.4	148	0.7	<0.1	0.3	47
REP 538608	QC		71.9	640.7	56.5	145	0.5	1.6	3.7	443	1.76	4.2	1.0	6.3	5.4	145	0.8	<0.1	0.3	47
538627	Drill Core	4.95	0.8	165.7	3.3	62	<0.1	3.6	17.8	919	3.80	3.1	0.3	1.5	0.9	209	<0.1	0.2	<0.1	107
REP 538627	QC		0.8	155.6	3.4	60	<0.1	3.6	17.3	879	3.70	3.1	0.3	2.0	0.9	205	<0.1	0.2	<0.1	105
538671	Drill Core	5.22	5.6	193.0	13.9	66	0.2	1.4	4.8	709	1.85	3.3	1.2	5.6	2.9	258	<0.1	<0.1	<0.1	30
REP 538671	QC		5.7	203.0	14.1	68	0.2	2.0	5.1	734	1.91	3.1	1.2	5.4	3.0	262	<0.1	<0.1	<0.1	30
Core Reject Duplicates																				
538518	Drill Core	4.55	18.1	66.8	1.2	23	<0.1	5.1	8.8	500	2.76	8.3	0.9	2.4	3.9	129	<0.1	<0.1	<0.1	81
DUP 538518	QC		14.8	66.9	1.0	24	<0.1	5.4	8.7	484	2.69	7.5	0.9	1.4	4.0	125	<0.1	<0.1	<0.1	79
538553	Drill Core	4.24	63.2	400.6	11.7	50	0.4	8.5	12.1	652	2.74	118.8	1.2	5.3	5.9	67	<0.1	1.8	0.7	46
DUP 538553	QC		64.1	388.7	11.6	50	0.3	8.4	11.9	658	2.75	118.3	1.1	6.2	5.8	71	0.2	1.7	0.7	46
538588	Drill Core	4.05	7.8	204.5	7.7	31	0.1	2.0	6.2	392	2.21	13.5	1.1	5.9	7.6	90	<0.1	<0.1	0.1	34
DUP 538588	QC		7.9	184.5	6.8	30	0.1	2.2	6.1	394	2.20	12.9	1.2	7.8	7.1	97	<0.1	<0.1	0.1	34
538623	Drill Core	4.77	0.5	65.1	15.3	45	<0.1	2.8	13.2	1077	3.86	3.8	0.3	2.4	0.9	220	<0.1	0.3	0.2	104
DUP 538623	QC		0.6	64.3	9.8	44	<0.1	2.6	13.5	1046	3.78	3.7	0.3	1.3	0.9	226	<0.1	0.3	0.1	101
538658	Drill Core	2.39	26.7	1026	51.5	65	1.1	2.1	5.6	468	1.85	72.9	1.0	10.8	4.4	83	0.3	0.2	0.7	31
DUP 538658	QC		25.5	1035	58.4	68	1.1	2.0	6.0	481	1.94	76.4	1.1	9.6	4.3	76	0.2	0.2	0.8	31
Reference Materials																				
STD DS7	Standard		20.4	106.4	76.7	414	1.0	55.0	9.3	642	2.39	52.4	5.3	61.0	5.2	83	6.3	6.7	5.0	85
STD DS7	Standard		20.5	105.3	77.1	402	1.0	53.3	9.0	624	2.40	51.5	5.4	97.0	5.2	84	6.2	6.7	5.0	86
STD DS7	Standard		19.5	111.8	65.3	379	1.0	55.3	8.7	618	2.29	48.2	4.2	66.2	4.3	71	5.8	5.5	4.4	78
STD DS7	Standard		20.4	107.9	62.7	377	1.0	53.1	9.1	639	2.35	49.5	4.5	72.3	4.3	73	6.0	5.4	4.3	81
STD DS7	Standard		20.8	112.5	68.4	414	1.1	58.6	9.4	643	2.45	55.3	4.6	152.5	4.5	76	5.7	5.9	4.6	84

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
Report Date: August 11, 2010

Page: 1 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000304.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Au
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
MDL		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
Pulp Duplicates																					
538543	Drill Core	7.30	0.119	7	57	1.44	134	0.003	17	0.82	0.098	0.23	0.1	<0.01	12.8	<0.1	0.09	3	<0.5	<0.2	
REP 538543	QC	7.02	0.117	7	54	1.39	129	0.003	17	0.81	0.096	0.22	<0.1	<0.01	12.6	<0.1	0.09	3	<0.5	<0.2	
REP 538553	QC	1.50	0.072	10	10	0.54	35	0.001	7	0.43	0.066	0.17	<0.1	0.07	3.7	<0.1	1.05	2	1.3	0.3	
538568	Drill Core	1.47	0.065	12	4	0.66	25	0.002	8	0.46	0.075	0.23	<0.1	0.06	2.4	<0.1	2.44	2	4.0	1.0	
REP 538568	QC																				
538608	Drill Core	1.29	0.060	13	3	0.57	38	0.003	2	0.35	0.088	0.09	0.1	0.01	2.9	<0.1	0.51	2	0.6	<0.2	
REP 538608	QC	1.27	0.059	13	3	0.58	39	0.002	3	0.36	0.090	0.10	0.1	0.01	2.9	<0.1	0.51	2	0.6	<0.2	
538627	Drill Core	2.30	0.138	6	2	1.30	84	0.114	3	1.38	0.147	0.13	0.2	0.01	6.9	<0.1	0.39	7	0.9	<0.2	
REP 538627	QC	2.24	0.132	6	1	1.25	78	0.116	4	1.27	0.141	0.13	0.2	0.01	6.7	<0.1	0.37	6	0.7	<0.2	
538671	Drill Core	1.88	0.053	12	7	0.63	189	0.003	4	0.61	0.129	0.15	<0.1	<0.01	1.8	<0.1	0.20	4	<0.5	<0.2	
REP 538671	QC	1.94	0.053	12	7	0.65	200	0.003	5	0.60	0.133	0.15	<0.1	<0.01	1.8	<0.1	0.21	4	<0.5	<0.2	
Core Reject Duplicates																					
538518	Drill Core	2.08	0.100	11	2	1.27	113	0.003	4	0.36	0.054	0.06	<0.1	<0.01	6.0	<0.1	<0.05	2	<0.5	<0.2	
DUP 538518	QC	2.05	0.100	11	2	1.26	109	0.003	4	0.34	0.050	0.06	<0.1	<0.01	5.8	<0.1	<0.05	2	<0.5	0.3	
538553	Drill Core	1.51	0.074	10	10	0.54	35	0.001	6	0.42	0.066	0.17	0.1	0.06	3.7	0.1	1.06	2	1.1	<0.2	
DUP 538553	QC	1.50	0.072	10	10	0.55	36	0.001	7	0.44	0.067	0.17	<0.1	0.08	3.7	<0.1	1.05	3	1.3	<0.2	
538588	Drill Core	1.12	0.040	11	4	0.38	32	0.002	4	0.39	0.113	0.09	<0.1	<0.01	2.5	<0.1	0.35	3	<0.5	<0.2	
DUP 538588	QC	1.15	0.037	10	4	0.39	38	0.002	4	0.44	0.115	0.09	<0.1	<0.01	2.5	<0.1	0.35	3	<0.5	<0.2	
538623	Drill Core	2.76	0.145	6	<1	1.00	65	0.096	4	1.09	0.138	0.14	0.3	<0.01	5.0	<0.1	0.23	6	<0.5	<0.2	
DUP 538623	QC	2.84	0.141	6	1	0.97	63	0.096	4	1.14	0.134	0.14	0.3	<0.01	5.2	<0.1	0.21	6	<0.5	<0.2	
538658	Drill Core	1.45	0.052	11	5	0.23	89	0.003	2	0.24	0.064	0.09	<0.1	0.04	1.7	<0.1	0.92	1	1.4	<0.2	
DUP 538658	QC	1.43	0.054	12	5	0.23	89	0.003	2	0.25	0.063	0.09	<0.1	0.04	1.8	<0.1	0.97	1	1.3	<0.2	
Reference Materials																					
STD DS7	Standard	0.98	0.081	13	194	1.06	400	0.131	41	1.05	0.098	0.48	4.1	0.23	2.5	4.0	0.19	5	3.6	1.6	
STD DS7	Standard	0.99	0.078	14	190	1.05	416	0.134	42	1.05	0.098	0.48	3.9	0.25	2.6	4.3	0.19	5	3.1	1.2	
STD DS7	Standard	0.96	0.074	13	195	1.02	378	0.122	35	1.02	0.095	0.45	3.5	0.23	2.4	4.0	0.19	5	3.0	1.1	
STD DS7	Standard	0.96	0.076	13	194	1.05	398	0.122	39	1.08	0.098	0.46	3.5	0.21	2.6	3.8	0.20	5	3.3	1.2	
STD DS7	Standard	1.01	0.081	14	204	1.09	418	0.126	42	1.07	0.100	0.51	3.7	0.27	2.6	4.2	0.20	5	3.8	1.9	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000304.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
STD DS7	Standard			22.4	112.9	70.5	422	1.0	57.9	9.3	685	2.56	58.0	4.8	62.0	4.9	83	6.5	6.3	4.6	87
STD DS7	Standard			21.9	118.7	67.3	430	1.4	58.2	9.8	678	2.59	57.6	5.0	69.9	4.8	77	7.2	6.5	5.0	87
STD DS7	Standard			22.1	117.4	65.0	412	1.2	58.8	9.6	672	2.56	56.7	4.8	74.3	4.8	78	7.1	6.2	4.8	85
STD DS7	Standard			21.7	118.8	74.6	421	1.2	54.8	9.6	649	2.44	53.5	5.3	71.6	5.1	90	6.3	6.8	5.1	82
STD DS7	Standard			21.8	121.9	77.2	435	1.0	57.0	9.6	668	2.49	54.7	5.4	73.6	5.1	93	6.3	7.1	4.9	82
STD DS7	Standard			21.9	119.6	74.0	406	1.0	56.6	9.5	619	2.42	49.7	5.3	73.9	5.2	80	6.1	6.4	4.9	84
STD DS7	Standard			21.7	117.9	72.2	399	1.0	55.9	9.6	619	2.44	48.3	5.1	71.1	5.1	81	6.4	6.2	4.9	83
STD DS7	Standard			21.3	114.3	75.4	412	1.0	59.1	9.4	641	2.49	50.1	5.3	71.1	4.9	82	6.1	6.4	5.1	86
STD DS7	Standard			20.9	106.9	74.2	407	1.1	55.6	9.4	633	2.47	50.2	5.3	78.3	4.9	81	5.9	6.2	5.1	85
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD R4A	Standard	0.519																			
STD R4A	Standard	0.517																			
STD R4A Expected		0.502																			
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD OXH66 Expected																					
STD OXK79 Expected																					
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank																				
BLK	Blank																				

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000304.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
STD DS7	Standard	1.06	0.082	14	212	1.12	430	0.134	41	1.12	0.107	0.51	4.2	0.27	2.7	4.2	0.21	5	3.9	0.3		
STD DS7	Standard	1.06	0.087	14	214	1.13	447	0.126	45	1.13	0.105	0.51	3.9	0.24	2.5	4.3	0.21	5	3.3	0.9		
STD DS7	Standard	1.05	0.083	14	214	1.12	432	0.126	43	1.12	0.105	0.50	3.8	0.23	2.7	4.2	0.20	5	3.2	1.4		
STD DS7	Standard	1.03	0.074	14	206	1.07	416	0.148	40	1.10	0.102	0.49	4.1	0.23	2.6	4.0	0.19	5	3.7	2.0		
STD DS7	Standard	1.04	0.079	14	211	1.10	426	0.148	44	1.11	0.103	0.51	3.7	0.23	2.6	4.0	0.20	6	3.1	1.2		
STD DS7	Standard	0.97	0.073	13	211	1.07	407	0.141	40	1.06	0.096	0.46	3.6	0.24	2.5	4.1	0.20	5	3.7	2.3		
STD DS7	Standard	0.99	0.073	14	207	1.05	408	0.142	38	1.07	0.098	0.45	3.7	0.23	2.6	4.0	0.20	5	3.0	1.6		
STD DS7	Standard	1.00	0.077	13	217	1.06	398	0.138	43	1.07	0.100	0.48	3.8	0.22	2.5	4.2	0.21	5	3.2	1.3		
STD DS7	Standard	0.98	0.074	13	213	1.04	399	0.132	40	1.06	0.099	0.48	3.6	0.21	2.5	4.1	0.21	5	2.6	1.6		
STD OXH66	Standard																				1.219	
STD OXH66	Standard																					1.306
STD OXK79	Standard																					3.395
STD OXK79	Standard																					3.624
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A Expected																						
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08		
STD OXH66 Expected																						1.285
STD OXK79 Expected																						3.532
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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																					<0.005
BLK	Blank																					<0.005

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-155

Report Date: August 11, 2010

Page: 3 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000304.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank			<0.1	2.6	3.2	44	<0.1	2.8	4.0	545	1.81	<0.5	1.8	6.7	5.7	46	<0.1	<0.1	0.2	35
G1	Prep Blank			<0.1	2.3	2.6	42	<0.1	2.8	4.2	540	1.84	<0.5	1.6	<0.5	5.8	48	<0.1	<0.1	0.1	36



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-155
 Report Date: August 11, 2010

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000304.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
BLK	Blank																				<0.005
BLK	Blank																				<0.005
Prep Wash																					
G1	Prep Blank	0.46	0.079	11	8	0.53	175	0.124	1	0.92	0.078	0.52	0.1	<0.01	1.7	0.4	<0.05	4	<0.5	<0.2	
G1	Prep Blank	0.45	0.082	11	8	0.52	164	0.126	2	0.92	0.075	0.50	<0.1	0.01	1.9	0.3	<0.05	4	<0.5	<0.2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: July 22, 2010
Report Date: August 16, 2010
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI10000313.1

CLIENT JOB INFORMATION

Project: Kwanika-153B
Shipment ID: 2019-06
P.O. Number
Number of Samples: 96

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
7AR	7	1:1:1 Aqua Regia Digestion ICP-ES Finish	1	Completed	VAN
R200-250	92	Crush split and pulverize 250g drill core to 200 mesh			SMI
1DX2	96	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G601	6	Fire Assay fusion Au by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-153B
 Report Date: August 16, 2010

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI10000313.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538416	Drill Core		4.83	0.9	211.6	7.7	59	0.2	7.3	11.2	1082	2.79	3.9	1.7	9.3	3.4	291	<0.1	0.2	0.2	66
538417	Drill Core	0.336	4.68	1.3	3249	12.1	98	3.8	2.8	11.5	1474	4.32	4.0	2.8	47.4	6.4	198	0.4	<0.1	0.5	56
538418	Drill Core		5.14	3.6	338.8	5.0	56	0.3	2.2	5.8	1366	2.96	4.5	2.6	7.7	6.3	337	<0.1	0.1	0.2	56
538419	Drill Core		4.96	3.3	324.0	29.1	54	0.4	2.7	8.4	1138	2.86	4.4	2.5	5.5	5.8	257	<0.1	<0.1	0.4	55
538420	Drill Core		2.09	2.1	575.3	33.9	65	0.6	2.1	10.5	1202	2.81	3.7	2.4	4.7	5.6	185	<0.1	<0.1	0.4	52
538421	Drill Core		2.30	1.8	728.3	32.2	63	0.8	2.4	10.2	1152	2.92	3.8	2.6	4.2	5.5	172	0.2	<0.1	0.3	56
538422	Drill Core		4.87	0.4	289.2	75.5	50	0.6	2.1	7.5	1099	2.22	4.1	2.9	2.4	5.5	164	<0.1	<0.1	0.7	54
538423	Drill Core		1.90	0.6	1230	7.4	50	1.3	2.3	8.3	987	2.05	4.5	2.8	12.8	6.2	143	0.3	<0.1	0.3	48
538424	Drill Core		5.06	1.1	100.6	16.8	36	0.1	1.6	5.0	970	1.53	5.8	3.3	0.9	7.9	872	<0.1	0.2	0.1	43
538425	Drill Core		5.10	10.7	1029	41.8	77	1.0	2.0	8.5	1166	2.56	14.6	2.8	19.1	6.2	686	0.5	0.4	0.5	62
538426	Drill Core		4.14	19.5	830.6	31.5	60	1.0	3.0	8.4	809	2.41	8.3	3.3	7.9	5.9	8989	0.2	0.2	0.4	65
538427	Drill Core		4.17	38.6	1655	7.3	39	1.2	2.3	6.7	690	2.36	4.1	1.9	26.0	5.0	1620	<0.1	0.1	0.4	62
538428	Drill Core		4.37	65.2	1854	6.4	30	1.0	1.9	5.8	526	1.77	9.5	1.5	19.9	5.0	556	0.1	<0.1	0.4	43
538429	Drill Core		4.67	52.0	1514	10.5	37	1.0	2.2	6.6	521	1.93	96.6	1.8	37.7	6.0	199	0.2	0.1	0.5	29
538430	Drill Core	0.237	4.14	43.9	2328	6.0	30	1.3	1.6	6.6	490	2.13	3.5	1.4	53.2	6.4	140	0.1	<0.1	0.3	49
538431	Drill Core		4.98	262.2	1263	18.5	28	0.7	2.0	2.7	470	1.20	67.7	5.9	21.5	5.1	1079	<0.1	0.3	0.4	37
538432	Drill Core		5.29	88.0	1142	16.0	28	0.7	2.1	3.2	399	1.23	23.0	8.1	13.9	5.5	135	0.1	0.2	0.3	53
538433	Drill Core		4.62	59.1	1391	13.1	35	1.0	2.1	4.4	540	1.63	14.6	6.0	12.7	6.2	154	0.2	0.2	0.2	68
538434	Drill Core		4.26	22.6	1251	16.2	44	0.8	2.3	3.5	528	1.90	22.6	2.2	12.7	6.6	207	0.1	0.2	0.2	81
538435	Rock Pulp		0.09	155.4	1761	22.7	65	2.1	16.6	17.6	373	3.85	26.2	4.2	226.1	9.7	72	0.9	4.7	2.6	55
538436	Drill Core		4.52	31.5	1026	24.8	44	0.9	2.5	5.1	642	2.02	7.0	2.1	6.9	5.6	217	0.3	0.1	0.4	78
538437	Drill Core		4.60	6.1	613.1	14.9	43	0.5	2.3	3.7	514	1.85	3.1	1.6	3.7	5.2	214	0.2	<0.1	0.2	92
538438	Drill Core		4.53	23.4	692.4	14.3	48	0.6	2.2	4.2	516	2.18	2.7	1.3	5.1	5.0	208	0.3	<0.1	0.2	92
538439	Drill Core		2.97	9.0	441.4	86.8	33	0.8	1.4	2.8	464	1.84	4.7	1.3	5.2	4.2	156	0.4	<0.1	0.9	87
538440	Drill Core		4.90	78.8	1455	35.0	41	1.4	1.5	3.4	381	1.94	5.9	1.0	4.6	3.1	115	0.4	<0.1	0.8	72
538441	Drill Core		4.81	186.0	1541	38.6	32	1.2	0.8	3.6	341	1.70	10.1	0.9	3.3	2.3	215	0.2	0.1	0.5	51
538442	Drill Core		4.10	31.5	503.7	8.4	18	0.4	1.4	0.8	251	0.49	6.1	0.5	3.3	3.2	566	0.1	<0.1	0.1	37
538443	Drill Core		5.23	15.9	245.6	11.2	28	0.3	1.4	1.3	374	0.90	8.1	0.8	<0.5	3.9	251	0.1	0.1	0.1	66
538444	Drill Core		5.02	13.9	1168	14.7	39	0.9	1.6	2.1	458	1.19	6.5	1.2	7.7	4.3	210	0.2	<0.1	0.3	63
538445	Drill Core		5.31	2.1	369.4	17.1	36	0.3	2.3	2.9	482	1.40	3.8	1.4	2.2	4.2	206	0.1	<0.1	0.2	52

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-153B
 Report Date: August 16, 2010

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI10000313.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
538416	Drill Core	1.95	0.113	8	19	1.06	54	0.047	3	1.09	0.115	0.13	<0.1	<0.01	3.6	<0.1	0.22	7	0.7	<0.2	
538417	Drill Core	2.09	0.077	14	4	1.14	39	0.036	3	1.23	0.085	0.21	0.1	0.02	3.2	<0.1	1.50	8	2.6	<0.2	
538418	Drill Core	2.75	0.078	14	4	0.98	36	0.020	6	1.05	0.098	0.16	<0.1	<0.01	3.6	<0.1	0.62	7	0.9	<0.2	
538419	Drill Core	2.27	0.072	13	5	0.84	46	0.024	6	0.76	0.090	0.12	0.1	<0.01	3.2	<0.1	0.69	6	0.9	<0.2	
538420	Drill Core	2.53	0.071	12	4	0.85	55	0.026	3	0.72	0.081	0.10	0.1	<0.01	2.9	<0.1	0.68	6	1.0	<0.2	
538421	Drill Core	2.51	0.067	11	5	0.84	49	0.026	3	0.73	0.085	0.10	0.1	<0.01	2.7	<0.1	0.70	6	0.8	<0.2	
538422	Drill Core	2.44	0.065	11	6	0.71	61	0.025	4	0.59	0.093	0.08	0.1	<0.01	2.8	<0.1	0.35	5	0.7	<0.2	
538423	Drill Core	2.25	0.063	12	4	0.60	22	0.022	3	0.52	0.098	0.07	0.1	0.01	3.2	<0.1	0.48	4	0.8	<0.2	
538424	Drill Core	2.92	0.050	10	7	0.59	104	0.016	2	0.39	0.078	0.07	0.1	<0.01	2.7	<0.1	0.12	3	<0.5	<0.2	
538425	Drill Core	3.88	0.046	13	3	0.56	32	0.014	4	0.51	0.073	0.10	0.2	<0.01	2.4	<0.1	0.34	5	0.7	<0.2	
538426	Drill Core	2.57	0.049	12	4	0.70	23	0.004	5	0.29	0.075	0.08	0.2	0.01	2.3	<0.1	0.45	2	0.6	0.2	
538427	Drill Core	2.80	0.056	16	4	0.68	21	0.006	4	0.35	0.066	0.13	0.5	<0.01	2.0	<0.1	0.56	2	1.6	0.2	
538428	Drill Core	2.21	0.058	15	5	0.33	27	0.002	4	0.30	0.079	0.12	<0.1	<0.01	2.0	<0.1	0.53	2	1.3	<0.2	
538429	Drill Core	1.76	0.064	12	4	0.25	49	0.001	8	0.50	0.053	0.30	<0.1	0.02	1.7	<0.1	0.62	2	1.6	<0.2	
538430	Drill Core	1.66	0.052	21	6	0.29	50	0.005	4	0.41	0.066	0.19	<0.1	0.01	1.6	<0.1	0.59	2	1.9	<0.2	
538431	Drill Core	2.47	0.050	13	2	0.42	67	<0.001	10	0.50	0.047	0.24	<0.1	0.03	1.3	<0.1	0.32	2	1.1	<0.2	
538432	Drill Core	1.65	0.056	14	3	0.49	210	0.002	8	0.42	0.054	0.17	0.1	<0.01	1.7	<0.1	0.21	2	1.3	<0.2	
538433	Drill Core	2.29	0.052	12	3	0.87	300	0.003	4	0.33	0.058	0.14	0.1	<0.01	2.1	<0.1	0.31	2	1.2	<0.2	
538434	Drill Core	2.07	0.058	13	4	0.73	367	0.004	3	0.29	0.078	0.13	<0.1	0.02	2.9	<0.1	0.26	2	0.7	<0.2	
538435	Rock Pulp	1.72	0.066	17	63	0.82	77	0.032	5	1.41	0.053	0.53	1.6	0.10	5.1	0.3	1.71	5	2.7	0.4	0.235
538436	Drill Core	3.07	0.056	12	3	1.08	182	0.003	4	0.29	0.076	0.09	0.1	<0.01	3.0	<0.1	0.37	2	<0.5	<0.2	
538437	Drill Core	3.00	0.061	12	4	0.66	789	0.006	2	0.20	0.084	0.08	<0.1	<0.01	3.2	<0.1	0.09	2	<0.5	<0.2	
538438	Drill Core	2.31	0.060	11	4	0.73	527	0.006	1	0.21	0.082	0.10	0.1	0.01	3.0	<0.1	0.30	2	0.6	<0.2	
538439	Drill Core	2.33	0.054	10	6	0.52	577	0.011	2	0.18	0.109	0.05	0.2	0.01	2.6	<0.1	0.26	1	0.6	<0.2	
538440	Drill Core	2.01	0.060	9	6	0.43	320	0.006	1	0.17	0.064	0.10	0.2	0.02	2.2	<0.1	0.48	1	1.2	<0.2	
538441	Drill Core	2.70	0.048	9	7	0.26	231	0.003	<1	0.20	0.059	0.13	0.3	0.01	0.9	<0.1	0.68	1	2.3	<0.2	
538442	Drill Core	5.00	0.039	12	5	0.23	176	0.002	<1	0.15	0.052	0.10	<0.1	0.01	1.5	<0.1	0.11	<1	<0.5	<0.2	
538443	Drill Core	3.54	0.047	8	7	0.55	558	0.004	1	0.21	0.075	0.12	<0.1	<0.01	1.9	<0.1	0.15	1	<0.5	<0.2	
538444	Drill Core	2.40	0.055	11	5	0.56	566	0.004	2	0.20	0.074	0.09	<0.1	<0.01	2.5	<0.1	0.24	2	0.5	<0.2	
538445	Drill Core	2.38	0.059	12	6	0.31	570	0.008	1	0.34	0.114	0.10	<0.1	<0.01	2.0	<0.1	0.16	3	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-153B
 Report Date: August 16, 2010

Page: 3 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI10000313.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V		
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1		
538446	Drill Core		4.80	12.4	1760	12.0	47	1.9	1.9	5.7	527	1.72	6.9	1.2	3.6	4.6	247	0.7	<0.1	0.2	73	
538447	Drill Core		4.59	2.8	680.6	38.8	49	0.8	2.1	3.1	535	1.84	5.2	1.1	2.2	4.8	213	0.2	0.1	0.3	92	
538448	Drill Core		4.37	3.9	828.6	62.1	62	1.2	1.9	4.0	568	2.52	7.1	1.2	5.8	4.5	216	0.3	0.1	0.7	76	
538449	Drill Core		0.206	5.19	13.5	2090	225.9	66	2.9	2.1	9.2	405	3.55	24.7	1.5	11.6	4.9	71	0.8	0.3	2.2	87
538450	Rock Pulp		0.459	0.09	253.3	4593	40.0	146	2.3	23.4	17.5	519	4.31	113.4	0.6	386.4	1.6	33	1.3	6.3	0.6	80
538451	Drill Core		4.54	10.3	196.6	34.7	65	0.4	2.6	2.9	616	1.86	3.7	1.3	<0.5	5.4	142	0.2	<0.1	0.3	79	
538452	Drill Core		4.76	14.5	792.3	90.1	190	1.1	2.2	5.4	703	2.34	6.3	1.4	3.3	5.3	178	1.3	0.2	0.8	70	
538453	Drill Core		4.64	41.4	361.8	44.4	100	0.5	3.0	6.6	797	2.14	4.1	1.4	3.9	5.4	207	0.7	0.1	0.5	87	
538454	Drill Core		4.79	8.1	886.4	26.9	90	1.0	1.6	4.8	672	1.59	6.0	1.0	3.7	5.1	176	0.4	<0.1	0.3	66	
538455	Drill Core		4.47	13.6	1749	112.5	70	2.0	2.6	3.3	653	1.55	32.1	1.2	6.8	5.5	176	0.5	0.3	1.0	64	
538456	Drill Core		4.27	20.6	1508	49.9	104	1.9	2.2	4.2	852	2.13	35.5	1.3	2.4	5.0	113	0.5	0.3	0.4	55	
538457	Drill Core		4.86	12.7	677.2	99.1	87	1.1	3.1	14.2	998	2.85	5.6	1.5	15.4	4.4	131	0.3	0.1	1.0	67	
538458	Drill Core		5.38	14.2	1125	22.1	93	1.2	2.6	43.3	664	4.27	18.2	1.2	10.6	4.3	92	0.5	0.2	0.4	79	
538459	Drill Core		4.40	10.6	729.8	40.4	81	0.8	3.5	41.9	648	4.49	32.0	1.4	5.2	4.6	83	0.4	0.3	0.4	75	
538460	Drill Core		4.52	61.9	273.1	18.5	70	0.4	1.9	8.0	607	2.28	5.8	1.1	2.5	5.3	139	0.3	<0.1	0.3	62	
538461	Drill Core		4.28	46.4	197.1	19.6	89	0.3	3.9	12.9	709	2.23	5.6	1.0	<0.5	5.0	67	0.4	<0.1	0.2	58	
538462	Drill Core		4.03	41.3	373.0	21.0	88	0.5	3.0	10.8	648	1.93	9.9	1.0	1.2	4.7	65	0.6	0.1	0.2	50	
538463	Drill Core		4.87	9.8	329.8	77.3	57	0.6	3.2	24.3	645	2.79	4.0	0.9	0.7	4.7	75	0.2	<0.1	0.7	54	
538464	Drill Core		3.57	35.0	339.3	38.3	55	0.7	2.0	10.5	573	1.84	4.9	0.9	0.9	4.9	101	0.2	<0.1	0.8	60	
538465	Rock		0.33	1.2	20.2	3.9	43	<0.1	25.2	7.7	397	2.14	3.0	0.6	<0.5	2.7	48	0.1	0.4	<0.1	46	
538466	Drill Core		2.53	23.3	561.6	138.8	45	1.3	2.4	9.3	525	1.85	19.8	0.8	3.5	3.9	94	0.3	0.2	1.6	71	
538467	Drill Core		2.13	93.6	241.9	27.6	38	0.4	1.8	17.3	444	1.58	5.3	0.7	<0.5	3.8	92	0.3	<0.1	0.3	62	
538468	Drill Core		3.65	24.0	360.2	38.2	55	0.4	1.7	25.9	464	1.96	7.5	0.8	1.2	4.4	79	0.2	<0.1	0.4	70	
538469	Drill Core		4.43	23.2	327.0	51.7	34	0.4	1.6	6.0	350	1.26	12.8	0.5	5.2	4.4	73	0.1	<0.1	0.5	61	
538470	Drill Core		4.51	38.8	373.6	8.2	23	0.2	2.0	3.1	354	2.23	10.2	1.0	3.8	5.6	74	<0.1	<0.1	<0.1	69	
538471	Drill Core		4.62	23.6	312.1	10.3	31	0.2	1.7	4.5	368	1.57	5.3	1.7	3.1	6.0	90	0.2	<0.1	<0.1	68	
538472	Drill Core		5.06	77.8	992.6	8.3	37	0.7	1.8	4.2	403	1.61	6.9	1.4	15.6	5.4	179	0.1	0.1	0.1	64	
538473	Drill Core		4.84	38.4	374.8	33.4	60	0.4	1.4	4.7	698	1.87	5.0	2.0	<0.5	5.5	264	0.2	0.1	0.2	69	
538474	Drill Core		7.28	56.1	1579	114.3	67	1.7	2.1	5.3	711	2.08	9.9	1.3	6.5	4.5	133	0.2	0.1	0.8	62	
538475	Drill Core		5.10	189.1	1357	25.1	70	1.2	1.8	4.1	736	1.81	23.7	1.1	7.1	4.7	96	0.2	0.2	0.2	60	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-153B
 Report Date: August 16, 2010

Page: 3 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI10000313.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
538446	Drill Core	2.42	0.057	10	6	0.44	367	0.006	2	0.18	0.090	0.06	0.2	0.02	2.6	<0.1	0.41	1	0.7	<0.2	
538447	Drill Core	2.59	0.059	13	6	0.52	584	0.011	1	0.22	0.110	0.06	0.2	<0.01	3.2	<0.1	0.25	2	<0.5	<0.2	
538448	Drill Core	2.92	0.059	13	5	0.35	106	0.013	2	0.19	0.074	0.05	0.4	<0.01	2.4	<0.1	0.79	2	<0.5	0.7	
538449	Drill Core	1.32	0.058	13	7	0.33	59	0.008	3	0.28	0.055	0.15	0.9	0.02	2.2	<0.1	1.65	2	2.1	<0.2	
538450	Rock Pulp	0.47	0.111	9	29	0.63	36	0.053	3	1.04	0.022	0.64	1.1	0.10	5.7	0.4	2.46	4	8.0	0.6	0.396
538451	Drill Core	2.50	0.067	12	6	0.47	455	0.014	1	0.24	0.090	0.08	0.3	0.02	2.9	<0.1	0.34	2	<0.5	<0.2	
538452	Drill Core	2.26	0.058	12	7	0.49	141	0.009	2	0.26	0.080	0.10	0.5	0.02	2.6	<0.1	0.75	2	1.0	0.3	
538453	Drill Core	2.32	0.072	13	5	0.48	299	0.011	2	0.33	0.088	0.12	0.7	0.02	3.2	<0.1	0.44	3	<0.5	<0.2	
538454	Drill Core	2.05	0.063	12	5	0.56	361	0.005	2	0.28	0.071	0.13	0.1	0.01	3.1	<0.1	0.22	2	<0.5	<0.2	
538455	Drill Core	2.67	0.059	13	6	0.54	248	0.003	3	0.28	0.065	0.13	0.2	0.02	2.6	<0.1	0.30	2	0.8	0.3	
538456	Drill Core	1.96	0.076	15	6	0.56	198	0.005	3	0.33	0.076	0.14	0.1	0.03	2.8	<0.1	0.46	3	0.6	<0.2	
538457	Drill Core	1.92	0.083	17	7	0.54	124	0.008	3	0.31	0.077	0.12	0.3	<0.01	3.4	<0.1	0.65	3	0.7	<0.2	
538458	Drill Core	1.66	0.049	13	7	0.67	85	0.005	4	0.27	0.071	0.16	1.0	0.02	2.4	<0.1	1.30	2	1.1	<0.2	
538459	Drill Core	1.53	0.059	13	5	0.74	53	0.004	4	0.30	0.068	0.16	1.0	0.03	2.4	<0.1	1.83	3	1.2	0.2	
538460	Drill Core	2.13	0.061	14	6	0.59	230	0.005	5	0.33	0.073	0.15	0.3	<0.01	2.7	<0.1	0.56	3	<0.5	<0.2	
538461	Drill Core	1.48	0.057	12	7	0.65	158	0.005	4	0.30	0.059	0.20	0.3	<0.01	2.7	<0.1	0.80	3	<0.5	<0.2	
538462	Drill Core	1.39	0.059	16	8	0.55	138	0.006	4	0.31	0.069	0.19	0.2	<0.01	2.8	<0.1	0.61	2	<0.5	0.2	
538463	Drill Core	1.51	0.058	12	4	0.53	83	0.005	4	0.30	0.059	0.17	0.4	0.01	2.4	<0.1	1.38	2	0.7	0.5	
538464	Drill Core	2.32	0.064	12	6	0.59	142	0.004	2	0.27	0.076	0.14	0.2	0.01	2.7	<0.1	0.70	2	0.5	0.2	
538465	Rock	0.57	0.066	11	28	0.61	197	0.091	2	1.07	0.082	0.15	<0.1	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2	
538466	Drill Core	1.98	0.067	10	5	0.58	150	0.004	4	0.29	0.070	0.15	0.1	0.02	3.3	<0.1	0.53	3	1.0	<0.2	
538467	Drill Core	2.24	0.054	9	4	0.84	263	0.003	2	0.25	0.056	0.14	0.1	0.02	2.6	<0.1	0.55	1	<0.5	<0.2	
538468	Drill Core	1.96	0.055	10	4	0.69	194	0.003	3	0.26	0.064	0.15	0.1	<0.01	3.1	<0.1	0.57	2	0.6	0.3	
538469	Drill Core	1.87	0.056	10	2	0.66	205	0.003	3	0.26	0.079	0.13	<0.1	0.02	2.9	<0.1	0.12	2	<0.5	<0.2	
538470	Drill Core	1.26	0.058	13	6	0.65	270	0.005	4	0.30	0.063	0.17	0.2	<0.01	2.9	<0.1	0.14	3	<0.5	<0.2	
538471	Drill Core	1.63	0.061	15	6	0.69	163	0.008	2	0.24	0.070	0.16	0.2	<0.01	3.2	<0.1	0.10	2	<0.5	<0.2	
538472	Drill Core	1.66	0.063	19	6	0.62	115	0.006	2	0.23	0.063	0.14	0.3	<0.01	2.8	<0.1	0.30	2	<0.5	<0.2	
538473	Drill Core	2.21	0.058	15	6	0.59	183	0.010	1	0.29	0.074	0.11	0.3	<0.01	2.5	<0.1	0.30	3	<0.5	<0.2	
538474	Drill Core	1.65	0.068	15	7	0.56	205	0.008	2	0.35	0.093	0.13	0.2	<0.01	2.9	<0.1	0.47	3	0.6	<0.2	
538475	Drill Core	1.71	0.073	12	5	0.66	213	0.003	4	0.29	0.066	0.10	0.1	0.01	3.1	<0.1	0.28	2	0.8	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-153B
 Report Date: August 16, 2010

Page: 4 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI10000313.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538476	Drill Core		4.62	196.6	611.3	20.0	49	0.5	1.2	3.6	746	1.75	71.9	1.0	13.2	2.5	133	0.2	0.7	0.2	63
538477	Drill Core		4.73	63.6	1304	10.7	70	0.8	1.9	12.7	1007	4.69	14.4	1.6	71.6	3.4	250	0.2	<0.1	0.2	92
538478	Drill Core		4.78	9.0	935.6	61.5	68	1.0	3.2	11.3	839	3.34	7.7	1.2	30.8	2.9	327	0.4	<0.1	0.4	91
538479	Drill Core	0.223	4.49	31.1	2257	22.7	93	1.9	7.9	15.1	1161	3.90	8.0	2.8	88.8	2.6	1222	0.4	<0.1	0.2	128
538480	Drill Core		1.60	37.8	1973	7.2	98	1.4	5.3	17.3	1186	5.09	7.5	2.0	104.4	3.4	485	0.4	0.1	0.2	110
538481	Drill Core	0.240	1.66	102.5	2512	9.0	101	1.8	5.5	18.2	1287	5.71	9.8	2.0	141.0	3.2	563	0.4	0.2	0.2	131
538482	Drill Core		5.43	34.2	470.3	6.2	85	0.4	1.2	18.0	1081	5.62	11.2	1.9	19.0	3.2	807	0.2	0.2	0.1	173
538483	Drill Core		4.58	18.7	598.0	8.2	89	0.4	1.5	23.3	1164	6.18	10.9	1.4	3.5	2.3	393	0.2	0.3	0.2	183
538484	Drill Core		2.90	12.9	1230	6.8	73	1.0	2.3	17.1	934	4.27	9.3	1.4	11.6	2.1	324	0.6	0.4	0.2	138
538485	Drill Core		4.81	27.7	591.0	8.0	54	0.5	3.2	10.3	849	3.10	7.8	2.5	14.2	2.8	481	0.2	0.2	0.2	88
538486	Drill Core		5.07	25.8	536.2	8.5	59	0.5	2.8	13.3	1160	4.01	8.9	1.9	5.4	4.2	463	0.2	0.1	0.1	106
538487	Drill Core		4.88	10.6	1110	8.9	50	0.8	3.5	10.9	734	3.08	5.6	2.7	32.1	4.8	324	0.2	0.1	0.1	63
538488	Drill Core		4.72	13.0	1613	18.7	83	1.3	8.3	15.2	992	3.92	6.2	2.2	49.9	4.5	217	0.3	0.2	0.2	84
538489	Drill Core		4.87	16.0	1192	8.6	70	1.0	35.6	16.0	1120	2.98	5.5	1.9	33.1	3.7	230	0.1	0.1	0.1	71
538490	Drill Core		4.99	39.6	1222	12.8	81	1.0	7.8	10.7	936	2.74	5.1	3.0	16.6	5.0	218	0.3	0.2	<0.1	62
538491	Drill Core		4.81	23.5	1051	6.9	67	0.9	4.1	7.9	956	4.44	15.9	3.7	30.1	5.0	186	0.3	0.3	0.1	84
538492	Drill Core		4.65	13.7	762.1	6.5	73	0.6	12.6	14.5	1095	5.19	10.2	1.8	17.4	3.5	542	0.2	0.2	0.2	112
538493	Drill Core		4.86	17.8	260.8	6.1	70	0.2	27.9	15.0	1016	4.52	15.5	1.8	5.6	3.0	343	<0.1	0.3	0.1	100
538494	Drill Core		4.92	8.2	471.1	6.8	65	0.3	6.1	14.5	765	3.58	9.9	2.0	10.8	4.4	282	<0.1	0.2	<0.1	95
538495	Rock Pulp		0.10	155.7	1749	20.4	62	2.1	16.7	16.9	362	3.80	26.5	3.9	174.6	9.0	59	1.0	6.7	2.2	53
538496	Drill Core		4.88	9.7	581.0	6.6	65	0.4	16.9	13.5	894	2.87	8.6	1.7	12.5	4.2	279	<0.1	0.2	<0.1	71
538497	Drill Core		3.19	38.3	609.7	7.0	68	0.4	11.5	15.0	784	3.11	7.5	2.9	15.8	3.9	290	<0.1	0.2	0.1	75
538498	Drill Core		6.52	9.0	386.5	8.6	61	0.3	9.4	9.8	746	2.60	8.2	1.8	8.5	3.2	238	0.1	0.2	<0.1	63
538499	Drill Core		6.72	15.9	703.8	8.3	66	0.5	15.4	14.0	881	3.03	6.8	1.5	29.7	3.3	261	<0.1	0.2	0.2	70
538500	Drill Core		5.69	15.6	452.4	48.1	76	0.4	30.5	25.4	1020	4.83	12.6	1.1	6.0	1.9	221	0.1	0.2	0.4	156
538501	Drill Core		5.35	6.6	669.5	2067	96	4.2	1.4	40.9	917	7.92	5.9	0.6	16.8	1.5	273	1.4	0.3	14.6	325
538502	Drill Core		5.52	6.5	592.9	200.0	88	1.0	2.1	31.9	887	6.52	6.0	0.6	16.3	0.9	261	0.3	0.3	1.6	242
538503	Drill Core		5.58	22.2	613.0	5.4	67	0.4	1.8	27.4	584	5.67	7.3	0.5	18.9	0.8	223	<0.1	0.2	<0.1	191
538504	Drill Core		5.18	6.2	697.5	38.6	72	0.5	1.0	30.8	603	6.73	7.4	0.5	16.9	0.8	303	0.1	0.3	0.3	246
538505	Drill Core		5.69	6.2	555.2	4.4	67	0.3	1.2	29.5	566	6.10	8.1	0.6	12.8	1.0	292	<0.1	0.4	<0.1	225

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-153B
 Report Date: August 16, 2010

Page: 4 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI10000313.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
538476	Drill Core	2.43	0.065	5	4	0.83	89	0.003	6	0.36	0.084	0.10	0.2	0.02	3.4	<0.1	0.20	2	<0.5	<0.2	
538477	Drill Core	1.80	0.168	13	2	0.82	34	0.005	7	0.55	0.075	0.17	0.4	0.01	5.4	<0.1	0.38	4	0.6	0.4	
538478	Drill Core	2.31	0.064	11	6	0.92	53	0.004	4	0.34	0.087	0.10	0.2	<0.01	3.8	<0.1	0.60	2	0.9	<0.2	
538479	Drill Core	6.43	0.073	15	10	2.29	197	0.002	3	0.42	0.134	0.11	0.3	0.01	4.3	<0.1	0.47	3	1.2	<0.2	
538480	Drill Core	2.01	0.147	14	8	1.16	50	0.010	4	0.90	0.173	0.17	0.2	<0.01	5.7	<0.1	0.47	6	1.0	<0.2	0.113
538481	Drill Core	2.25	0.140	18	6	1.28	52	0.010	4	0.88	0.175	0.15	0.3	<0.01	5.5	<0.1	0.48	6	0.9	<0.2	0.154
538482	Drill Core	3.94	0.394	10	2	1.12	171	0.015	5	1.33	0.222	0.14	0.1	<0.01	6.5	<0.1	0.30	7	<0.5	<0.2	
538483	Drill Core	3.95	0.498	11	2	1.19	42	0.080	4	1.36	0.135	0.13	0.4	0.01	5.6	<0.1	1.22	8	0.9	<0.2	
538484	Drill Core	2.36	0.246	9	5	0.78	48	0.011	5	0.90	0.143	0.11	0.4	0.01	6.2	<0.1	0.62	6	<0.5	<0.2	
538485	Drill Core	2.35	0.178	9	6	0.87	50	0.004	4	0.59	0.155	0.14	0.2	<0.01	5.5	<0.1	0.31	4	<0.5	<0.2	
538486	Drill Core	3.90	0.262	14	5	0.80	44	0.014	4	0.70	0.125	0.11	0.4	<0.01	7.2	<0.1	0.58	6	<0.5	<0.2	
538487	Drill Core	2.15	0.112	11	7	0.76	42	0.012	2	0.66	0.102	0.15	0.2	<0.01	3.8	<0.1	0.44	5	0.6	<0.2	
538488	Drill Core	2.08	0.102	11	18	1.08	40	0.029	3	1.04	0.100	0.16	0.3	0.01	3.2	<0.1	0.64	8	0.8	<0.2	
538489	Drill Core	2.01	0.093	9	95	1.27	83	0.034	2	0.97	0.107	0.15	0.2	<0.01	3.8	<0.1	0.46	8	1.1	<0.2	
538490	Drill Core	2.16	0.067	12	17	0.97	77	0.020	2	0.74	0.089	0.13	0.3	<0.01	2.9	<0.1	0.44	6	0.7	<0.2	
538491	Drill Core	2.51	0.121	14	8	0.73	48	0.020	4	0.89	0.083	0.16	0.5	<0.01	3.6	<0.1	0.54	7	0.6	<0.2	
538492	Drill Core	3.63	0.130	10	39	1.31	52	0.037	3	1.05	0.087	0.16	0.4	<0.01	4.5	<0.1	0.59	8	0.5	<0.2	
538493	Drill Core	2.71	0.165	9	83	1.81	42	0.051	2	1.34	0.126	0.15	0.3	0.01	4.9	<0.1	0.58	9	<0.5	<0.2	
538494	Drill Core	2.36	0.174	11	9	1.19	43	0.031	3	1.07	0.128	0.14	0.3	<0.01	4.6	<0.1	0.33	8	<0.5	<0.2	
538495	Rock Pulp	1.73	0.069	17	67	0.81	82	0.034	4	1.49	0.052	0.53	2.2	0.10	5.0	0.3	1.67	5	2.7	0.5	0.166
538496	Drill Core	2.61	0.123	10	45	1.02	57	0.027	3	0.91	0.099	0.13	0.2	<0.01	4.2	<0.1	0.24	7	<0.5	<0.2	
538497	Drill Core	2.50	0.121	10	28	1.03	50	0.032	3	0.96	0.108	0.14	0.2	<0.01	4.2	<0.1	0.37	7	<0.5	<0.2	
538498	Drill Core	2.78	0.094	11	27	0.77	60	0.032	2	0.75	0.113	0.13	0.2	<0.01	2.8	<0.1	0.38	6	<0.5	<0.2	
538499	Drill Core	3.27	0.136	10	35	1.23	73	0.052	2	1.16	0.099	0.13	0.3	<0.01	3.3	<0.1	0.66	7	0.6	<0.2	
538500	Drill Core	3.47	0.282	7	88	2.15	64	0.138	2	1.73	0.120	0.16	0.7	<0.01	5.1	<0.1	0.43	9	<0.5	<0.2	
538501	Drill Core	3.47	0.116	4	2	1.84	276	0.213	2	1.62	0.139	0.15	0.5	<0.01	6.5	<0.1	0.18	9	2.9	0.7	
538502	Drill Core	2.72	0.173	4	3	1.89	71	0.169	2	1.61	0.136	0.14	0.5	<0.01	5.9	<0.1	0.21	8	0.8	<0.2	
538503	Drill Core	2.54	0.314	5	2	1.44	24	0.097	2	1.22	0.120	0.10	7.0	<0.01	4.4	<0.1	0.25	6	<0.5	<0.2	
538504	Drill Core	3.11	0.509	6	2	1.37	28	0.076	3	1.51	0.127	0.13	0.5	<0.01	4.3	<0.1	0.13	7	<0.5	0.3	
538505	Drill Core	3.21	0.497	7	2	1.16	54	0.073	5	1.32	0.115	0.10	0.5	<0.01	4.2	<0.1	0.10	6	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-153B
 Report Date: August 16, 2010

Page: 5 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI10000313.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538506	Drill Core	6.01	7.9	603.3	48.5	66	0.5	1.6	31.0	571	6.24	6.3	0.9	10.8	1.1	381	0.1	0.3	0.4	232	
538507	Drill Core	5.09	8.1	512.4	60.9	80	0.7	2.1	33.5	838	6.62	7.6	1.3	6.6	0.9	343	0.3	0.3	0.8	234	
538508	Drill Core	4.40	10.5	537.5	17.1	48	0.5	3.2	16.6	538	3.37	6.1	1.3	19.1	2.1	334	0.1	0.2	0.2	103	
538509	Drill Core	5.07	19.2	591.5	80.8	50	1.0	14.9	12.8	726	2.71	4.9	1.3	33.0	2.5	331	0.2	<0.1	0.7	62	
538510	Rock Pulp	0.462	0.08	231.2	4583	35.6	142	2.3	24.0	18.5	515	4.39	112.1	0.6	363.5	1.6	31	1.0	6.2	0.6	81
538511	Drill Core	1.73	25.7	999.3	52.7	90	0.9	7.6	15.4	907	3.89	5.0	1.1	38.1	2.1	376	0.3	0.1	0.4	98	



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-153B
 Report Date: August 16, 2010

Page: 5 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI10000313.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	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	0.005	
538506	Drill Core	2.97	0.359	6	3	1.27	34	0.094	3	1.28	0.127	0.13	0.4	<0.01	4.2	<0.1	0.21	6	<0.5	<0.2	
538507	Drill Core	3.91	0.231	5	2	1.54	27	0.146	2	1.30	0.108	0.11	0.7	<0.01	5.9	<0.1	0.82	8	0.6	<0.2	
538508	Drill Core	3.15	0.188	7	7	0.79	26	0.071	2	0.79	0.100	0.09	0.5	<0.01	3.6	<0.1	0.31	4	<0.5	<0.2	
538509	Drill Core	3.48	0.081	7	36	0.86	37	0.023	2	0.67	0.123	0.10	0.1	<0.01	3.4	<0.1	0.53	5	0.6	<0.2	
538510	Rock Pulp	0.45	0.102	10	31	0.65	38	0.054	3	1.07	0.024	0.62	1.1	0.10	5.8	0.4	2.34	4	7.7	0.7	0.437
538511	Drill Core	3.16	0.178	11	14	0.96	52	0.053	3	0.99	0.117	0.12	0.2	<0.01	3.7	<0.1	0.37	6	0.7	<0.2	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-153B
Report Date: August 16, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000313.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
Pulp Duplicates																				
538435	Rock Pulp	0.09	155.4	1761	22.7	65	2.1	16.6	17.6	373	3.85	26.2	4.2	226.1	9.7	72	0.9	4.7	2.6	55
REP 538435	QC																			
538446	Drill Core	4.80	12.4	1760	12.0	47	1.9	1.9	5.7	527	1.72	6.9	1.2	3.6	4.6	247	0.7	<0.1	0.2	73
REP 538446	QC		12.1	1735	12.1	45	1.9	2.2	5.8	522	1.72	7.3	1.2	4.1	4.7	249	0.8	<0.1	0.1	72
538478	Drill Core	4.78	9.0	935.6	61.5	68	1.0	3.2	11.3	839	3.34	7.7	1.2	30.8	2.9	327	0.4	<0.1	0.4	91
REP 538478	QC		9.0	917.6	65.0	68	1.0	3.8	11.1	842	3.35	7.8	1.2	29.5	3.1	321	0.3	<0.1	0.5	91
538496	Drill Core	4.88	9.7	581.0	6.6	65	0.4	16.9	13.5	894	2.87	8.6	1.7	12.5	4.2	279	<0.1	0.2	<0.1	71
REP 538496	QC		9.8	581.0	6.7	65	0.4	17.1	13.6	901	2.92	8.7	1.7	15.2	4.1	279	<0.1	0.2	<0.1	71
Core Reject Duplicates																				
538437	Drill Core	4.60	6.1	613.1	14.9	43	0.5	2.3	3.7	514	1.85	3.1	1.6	3.7	5.2	214	0.2	<0.1	0.2	92
DUP 538437	QC		5.8	640.7	14.3	43	0.4	2.3	3.7	513	1.88	3.2	1.5	6.7	5.2	222	0.3	<0.1	0.2	93
538472	Drill Core	5.06	77.8	992.6	8.3	37	0.7	1.8	4.2	403	1.61	6.9	1.4	15.6	5.4	179	0.1	0.1	0.1	64
DUP 538472	QC		71.6	951.9	8.7	39	0.6	1.6	4.3	429	1.72	6.8	1.5	10.6	5.9	185	0.3	0.1	<0.1	67
538507	Drill Core	5.09	8.1	512.4	60.9	80	0.7	2.1	33.5	838	6.62	7.6	1.3	6.6	0.9	343	0.3	0.3	0.8	234
DUP 538507	QC		8.3	524.3	59.4	78	0.7	2.7	33.7	858	6.82	8.1	1.2	7.8	1.0	346	0.3	0.3	0.8	237
Reference Materials																				
STD DS7	Standard		20.6	112.2	61.9	392	1.0	55.1	9.4	629	2.38	51.2	4.6	56.5	4.4	66	6.1	5.8	4.4	79
STD DS7	Standard		22.1	115.1	64.0	406	1.1	57.4	9.5	645	2.44	54.2	4.8	63.2	4.6	73	6.4	5.9	4.5	82
STD DS7	Standard		22.1	110.0	72.5	419	1.1	58.7	8.8	650	2.49	55.6	4.8	67.3	4.6	79	6.8	6.4	4.8	85
STD DS7	Standard		21.7	111.2	69.8	414	1.0	57.5	9.3	648	2.47	56.6	4.7	61.1	4.6	78	6.7	6.1	4.7	86
STD DS7	Standard		20.7	104.3	71.3	392	1.0	53.8	9.3	628	2.42	48.8	4.9	74.4	4.5	77	5.9	4.2	4.9	83
STD DS7	Standard		21.9	107.2	71.3	411	1.0	55.6	9.0	644	2.47	50.6	5.0	84.9	4.7	84	6.1	5.0	4.9	85
STD OXH66	Standard																			
STD OXH66	Standard																			
STD OXH66	Standard																			
STD OXH66	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-153B
Report Date: August 16, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000313.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
Pulp Duplicates																						
538435	Rock Pulp	1.72	0.066	17	63	0.82	77	0.032	5	1.41	0.053	0.53	1.6	0.10	5.1	0.3	1.71	5	2.7	0.4	0.235	
REP 538435	QC																				0.223	
538446	Drill Core	2.42	0.057	10	6	0.44	367	0.006	2	0.18	0.090	0.06	0.2	0.02	2.6	<0.1	0.41	1	0.7	<0.2		
REP 538446	QC	2.39	0.058	10	6	0.44	391	0.006	2	0.18	0.090	0.06	0.2	<0.01	2.5	<0.1	0.41	1	0.8	<0.2		
538478	Drill Core	2.31	0.064	11	6	0.92	53	0.004	4	0.34	0.087	0.10	0.2	<0.01	3.8	<0.1	0.60	2	0.9	<0.2		
REP 538478	QC	2.31	0.064	11	6	0.91	51	0.004	3	0.34	0.087	0.10	0.2	0.01	3.7	<0.1	0.61	2	0.8	<0.2		
538496	Drill Core	2.61	0.123	10	45	1.02	57	0.027	3	0.91	0.099	0.13	0.2	<0.01	4.2	<0.1	0.24	7	<0.5	<0.2		
REP 538496	QC	2.65	0.119	9	47	1.01	58	0.028	3	0.94	0.102	0.14	0.2	<0.01	4.3	<0.1	0.24	7	<0.5	<0.2		
Core Reject Duplicates																						
538437	Drill Core	3.00	0.061	12	4	0.66	789	0.006	2	0.20	0.084	0.08	<0.1	<0.01	3.2	<0.1	0.09	2	<0.5	<0.2		
DUP 538437	QC	3.08	0.061	12	4	0.65	786	0.006	2	0.22	0.098	0.08	<0.1	<0.01	3.4	<0.1	0.09	2	<0.5	<0.2		
538472	Drill Core	1.66	0.063	19	6	0.62	115	0.006	2	0.23	0.063	0.14	0.3	<0.01	2.8	<0.1	0.30	2	<0.5	<0.2		
DUP 538472	QC	1.75	0.063	21	7	0.67	117	0.007	2	0.26	0.073	0.15	0.3	<0.01	3.0	<0.1	0.32	2	<0.5	<0.2		
538507	Drill Core	3.91	0.231	5	2	1.54	27	0.146	2	1.30	0.108	0.11	0.7	<0.01	5.9	<0.1	0.82	8	0.6	<0.2		
DUP 538507	QC	3.94	0.233	5	2	1.57	31	0.143	3	1.36	0.116	0.13	0.5	<0.01	5.9	<0.1	0.80	8	0.5	0.5		
Reference Materials																						
STD DS7	Standard	0.96	0.077	13	201	1.05	391	0.120	40	1.03	0.095	0.47	3.4	0.23	2.5	3.9	0.19	5	2.8	1.1		
STD DS7	Standard	1.00	0.081	13	206	1.08	422	0.126	41	1.10	0.100	0.49	3.7	0.23	2.6	4.0	0.19	5	3.2	1.4		
STD DS7	Standard	1.00	0.083	13	198	1.10	409	0.119	43	1.07	0.097	0.50	3.6	0.26	2.5	4.1	0.21	5	2.8	1.1		
STD DS7	Standard	1.02	0.085	13	199	1.10	419	0.124	43	1.09	0.099	0.54	3.9	0.23	2.6	4.1	0.21	5	3.5	1.6		
STD DS7	Standard	0.95	0.074	12	203	1.06	401	0.115	39	0.99	0.093	0.48	2.5	0.23	2.4	4.1	0.21	5	2.7	1.0		
STD DS7	Standard	0.98	0.077	14	203	1.05	410	0.123	40	1.05	0.098	0.48	3.0	0.25	2.5	4.1	0.21	5	3.7	0.9		
STD OXH66	Standard																				1.317	
STD OXH66	Standard																					1.219
STD OXH66	Standard																					1.306
STD OXH66	Standard																					1.315
STD OXK79	Standard																					3.608
STD OXK79	Standard																					3.395

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-153B
Report Date: August 16, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000313.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
STD OXK79	Standard																				
STD OXK79	Standard																				
STD R4A	Standard	0.510																			
STD R4A	Standard	0.509																			
STD R4A	Standard	0.507																			
STD R4A	Standard	0.507																			
STD R4A	Standard	0.513																			
STD R4A	Standard	0.512																			
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD R4A Expected		0.502																			
STD OXH66 Expected																					
STD OXK79 Expected																					
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank			0.2	6.7	3.8	46	<0.1	3.4	4.2	554	1.89	0.5	2.0	<0.5	5.3	68	<0.1	<0.1	<0.1	34
G1	Prep Blank			0.4	16.8	4.2	47	<0.1	3.1	4.0	562	1.94	1.2	2.1	<0.5	6.1	68	<0.1	<0.1	<0.1	36

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-153B
 Report Date: August 16, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000313.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6		
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
STD OXK79	Standard																				3.624	
STD OXK79	Standard																					3.570
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08		
STD R4A Expected																						
STD OXH66 Expected																						1.285
STD OXK79 Expected																						3.532
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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																					
BLK	Blank																					<0.005
BLK	Blank																					0.056
BLK	Blank	<0.01	<0.001	<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																					
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
Prep Wash																						
G1	Prep Blank	0.54	0.077	13	11	0.53	173	0.119	1	0.95	0.090	0.50	0.2	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.54	0.075	12	14	0.52	169	0.120	2	0.92	0.090	0.50	0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2		

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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: July 22, 2010
Report Date: August 13, 2010
Page: 1 of 7

CERTIFICATE OF ANALYSIS

SMI10000314.1

CLIENT JOB INFORMATION

Project: Kwanika-154
Shipment ID: 2010-06
P.O. Number
Number of Samples: 162

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
7AR	3	1:1:1 Aqua Regia Digestion ICP-ES Finish	1	Completed	VAN
R200-250	156	Crush split and pulverize 250g drill core to 200 mesh			SMI
1DX2	162	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G601	28	Fire Assay fusion Au by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 2 of 7 Part 1

CERTIFICATE OF ANALYSIS

SMI10000314.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
536575	Drill Core		1.07	2.9	68.3	13.8	78	0.5	4.8	11.2	976	3.33	10.7	3.3	46.6	4.9	146	<0.1	0.1	1.6	65
536576	Drill Core		1.08	2.9	142.1	15.8	73	0.6	4.1	10.6	913	3.26	8.7	3.1	37.1	5.2	127	<0.1	<0.1	1.4	66
536577	Drill Core		4.69	4.2	99.0	10.5	77	0.7	3.0	13.8	1087	4.92	15.6	2.8	54.7	5.3	171	<0.1	0.1	2.3	57
536578	Drill Core		4.94	3.9	226.3	17.0	217	1.3	3.1	11.3	1373	4.48	22.8	2.0	56.6	4.8	221	0.6	<0.1	2.8	45
536579	Drill Core		4.68	2.9	203.9	35.2	192	0.7	3.4	9.2	1615	3.18	10.3	2.0	26.4	4.8	216	0.3	0.1	0.6	72
536580	Drill Core		5.19	4.7	550.1	79.0	1151	1.9	4.0	12.2	1362	3.89	21.8	2.6	64.4	5.3	216	5.1	0.3	1.1	67
536581	Drill Core		5.36	11.8	225.2	9.7	145	0.8	3.4	14.1	827	7.48	29.7	2.9	69.8	5.4	196	0.3	0.2	2.8	55
536582	Drill Core		5.05	17.5	125.1	15.3	104	0.8	4.1	14.8	949	7.26	33.8	2.8	96.3	5.6	194	0.3	0.3	3.4	48
536583	Drill Core		4.51	2.4	254.1	5.0	88	0.6	3.4	10.4	1211	3.45	12.3	1.5	33.2	5.0	211	0.1	0.1	0.8	55
536584	Drill Core		4.93	9.1	98.7	7.3	105	0.4	3.0	10.3	1593	4.45	20.4	4.0	24.2	6.3	193	<0.1	0.2	0.9	72
536585	Drill Core		4.34	2.0	136.1	5.5	36	0.4	2.8	8.3	588	2.63	11.8	2.6	17.5	5.6	171	<0.1	0.1	0.3	68
536586	Drill Core		5.04	2.7	105.5	5.8	37	0.3	3.1	8.4	725	2.87	16.5	2.6	17.5	5.9	163	<0.1	0.1	0.3	68
536587	Drill Core		4.94	1.3	95.5	8.3	36	0.3	3.1	8.3	761	2.33	8.8	2.6	11.2	5.9	206	<0.1	0.2	0.3	63
536588	Drill Core		4.54	1.5	71.2	6.0	42	0.2	2.8	8.4	829	2.48	8.8	2.3	5.6	5.7	199	<0.1	0.2	0.1	66
536589	Drill Core		4.42	10.7	96.0	6.0	51	0.1	3.0	15.1	891	2.76	11.2	2.1	8.1	5.1	258	<0.1	0.1	0.2	68
536590	Rock Pulp		0.10	147.0	1689	23.3	65	2.0	18.0	17.2	355	3.75	27.2	4.4	180.5	9.5	71	0.9	6.7	2.6	52
536591	Drill Core		4.73	3.2	88.0	6.6	44	0.1	2.7	6.9	635	2.36	5.2	2.1	2.5	4.8	162	<0.1	0.2	0.3	58
536592	Drill Core		5.12	8.1	182.0	29.4	56	0.6	2.8	11.8	549	3.69	8.5	2.9	58.8	5.0	94	0.2	0.1	1.4	60
536593	Drill Core		4.84	1.8	51.1	15.2	42	0.2	2.4	7.2	490	2.62	11.9	2.2	3.5	4.7	292	0.1	0.2	0.3	71
536594	Drill Core		4.36	1.5	41.9	5.3	26	<0.1	1.9	7.7	402	2.21	8.1	1.8	0.8	4.7	202	<0.1	<0.1	0.1	62
536595	Drill Core		4.59	1.8	49.6	8.4	36	0.2	2.2	6.0	532	2.59	11.0	2.2	2.4	5.1	231	<0.1	<0.1	0.4	69
536596	Drill Core		4.12	2.8	24.8	5.3	27	<0.1	1.9	5.5	400	2.32	11.3	2.4	0.7	6.1	188	<0.1	0.1	<0.1	65
536597	Drill Core		5.02	0.5	22.9	6.8	26	<0.1	2.1	6.0	402	2.23	10.6	2.3	<0.5	6.2	188	<0.1	0.1	<0.1	67
536598	Drill Core		4.65	0.7	33.6	7.6	22	<0.1	2.1	5.9	327	2.10	13.3	1.9	<0.5	4.7	283	<0.1	<0.1	<0.1	63
536599	Drill Core		4.16	1.1	35.2	4.5	19	<0.1	1.7	5.0	329	2.35	11.8	2.0	0.7	4.7	235	<0.1	0.1	<0.1	68
536600	Drill Core		4.15	0.9	70.5	8.5	25	0.1	1.9	4.6	408	2.43	9.2	2.2	2.6	4.6	181	<0.1	0.1	0.1	64
536601	Drill Core		4.31	3.4	190.6	100.7	41	1.4	11.0	11.9	604	2.93	10.6	2.4	7.9	4.9	222	<0.1	0.2	2.8	73
536602	Drill Core		3.71	4.8	112.2	12.9	39	0.3	2.4	7.8	527	3.11	10.3	2.5	10.6	5.1	168	<0.1	0.1	0.5	75
536603	Drill Core		3.43	4.2	236.6	13.4	64	0.4	2.2	12.6	756	3.02	8.1	3.6	10.5	6.2	137	0.2	0.1	0.4	64
536604	Drill Core		4.04	32.2	363.6	19.1	71	0.7	2.9	16.6	851	4.08	12.6	2.8	46.2	5.7	194	0.1	0.1	1.3	78

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 2 of 7 Part 2

CERTIFICATE OF ANALYSIS

SMI10000314.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
536575	Drill Core	1.21	0.088	6	10	1.52	38	0.131	2	2.02	0.120	0.22	0.3	<0.01	3.6	<0.1	2.02	10	1.6	1.0	
536576	Drill Core	1.00	0.087	7	6	1.43	47	0.129	3	1.72	0.098	0.24	0.4	<0.01	3.7	<0.1	1.98	9	0.9	2.1	
536577	Drill Core	0.99	0.097	8	4	1.27	34	0.063	4	1.64	0.072	0.27	0.3	<0.01	3.4	0.1	3.44	8	3.0	2.3	
536578	Drill Core	2.42	0.088	12	4	0.79	43	0.025	11	1.63	0.059	0.27	0.2	0.01	2.9	0.2	2.77	7	1.3	1.5	
536579	Drill Core	1.28	0.098	8	4	1.35	36	0.144	3	2.16	0.128	0.16	0.4	<0.01	3.9	<0.1	0.87	10	<0.5	0.3	
536580	Drill Core	0.82	0.102	8	5	1.28	35	0.153	4	1.98	0.098	0.26	0.5	0.04	3.6	<0.1	2.16	9	0.8	1.1	
536581	Drill Core	0.56	0.085	6	3	1.34	32	0.122	6	1.88	0.075	0.44	0.3	<0.01	2.9	0.2	6.29	9	3.3	1.7	
536582	Drill Core	0.53	0.084	6	4	1.44	31	0.082	7	1.81	0.043	0.51	0.3	<0.01	2.2	0.3	5.95	8	3.4	4.0	
536583	Drill Core	2.15	0.088	11	3	0.91	85	0.029	10	1.53	0.054	0.24	0.1	<0.01	3.3	<0.1	1.50	8	0.7	0.6	
536584	Drill Core	1.47	0.083	9	4	1.08	100	0.108	7	2.08	0.138	0.21	0.4	0.01	3.7	0.2	1.51	11	0.9	0.4	
536585	Drill Core	1.03	0.085	9	4	0.73	36	0.135	3	1.25	0.118	0.11	0.5	<0.01	2.9	<0.1	0.42	6	<0.5	0.3	
536586	Drill Core	1.10	0.080	9	5	0.86	45	0.148	2	1.34	0.134	0.12	0.4	<0.01	3.2	<0.1	0.69	7	<0.5	<0.2	
536587	Drill Core	1.35	0.081	9	4	0.72	54	0.126	2	1.09	0.109	0.11	0.3	<0.01	3.1	<0.1	0.13	6	<0.5	0.3	
536588	Drill Core	1.24	0.090	10	4	0.71	42	0.131	2	1.27	0.098	0.12	0.2	<0.01	2.6	<0.1	0.16	7	<0.5	<0.2	
536589	Drill Core	1.66	0.091	9	4	0.83	44	0.110	2	1.42	0.110	0.11	0.3	<0.01	2.7	<0.1	0.44	8	0.6	0.3	
536590	Rock Pulp	1.69	0.069	18	62	0.79	72	0.038	4	1.39	0.050	0.52	2.3	0.08	5.3	0.3	1.62	5	2.6	<0.2	0.203
536591	Drill Core	1.55	0.085	10	3	0.64	47	0.114	1	0.80	0.078	0.12	0.3	<0.01	2.4	<0.1	0.22	6	<0.5	<0.2	
536592	Drill Core	1.21	0.073	9	6	0.60	40	0.091	2	0.70	0.074	0.18	0.4	0.02	2.6	<0.1	2.15	5	1.3	0.9	
536593	Drill Core	1.52	0.077	10	4	0.65	47	0.124	3	1.59	0.171	0.11	0.3	<0.01	3.2	<0.1	0.16	7	0.5	<0.2	
536594	Drill Core	1.86	0.074	9	3	0.47	43	0.064	3	1.22	0.254	0.09	0.2	<0.01	2.6	<0.1	0.11	5	<0.5	0.3	
536595	Drill Core	1.51	0.083	9	4	0.55	49	0.091	2	1.65	0.179	0.10	0.2	<0.01	2.3	<0.1	0.12	6	<0.5	0.3	
536596	Drill Core	1.40	0.084	8	4	0.44	46	0.107	3	1.45	0.141	0.11	0.3	<0.01	1.6	<0.1	0.10	6	<0.5	<0.2	
536597	Drill Core	1.48	0.078	10	4	0.44	50	0.105	3	1.31	0.132	0.11	0.2	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2	
536598	Drill Core	1.70	0.078	8	3	0.45	41	0.096	3	1.76	0.178	0.09	0.3	<0.01	1.7	<0.1	0.06	6	0.6	<0.2	
536599	Drill Core	1.77	0.083	8	4	0.42	46	0.114	3	1.63	0.185	0.12	0.3	<0.01	1.6	<0.1	0.06	5	<0.5	<0.2	
536600	Drill Core	1.26	0.087	8	<1	0.54	41	0.124	3	1.30	0.140	0.12	0.4	<0.01	1.9	<0.1	0.07	6	<0.5	0.2	
536601	Drill Core	1.63	0.087	9	20	0.90	46	0.149	2	1.57	0.208	0.11	0.5	<0.01	2.9	<0.1	0.23	8	1.0	1.0	
536602	Drill Core	1.31	0.086	8	4	0.77	43	0.133	4	1.36	0.169	0.11	0.5	<0.01	2.6	<0.1	0.49	7	1.0	0.7	
536603	Drill Core	1.85	0.073	10	4	0.81	38	0.144	4	1.20	0.178	0.14	0.5	<0.01	3.2	<0.1	0.75	7	0.7	0.7	
536604	Drill Core	1.79	0.082	10	4	1.10	34	0.151	3	1.76	0.159	0.15	0.8	<0.01	3.3	<0.1	1.61	10	1.1	2.0	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 3 of 7 Part 1

CERTIFICATE OF ANALYSIS

SMI10000314.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
536605	Rock Pulp	0.462	0.12	250.1	4375	41.3	145	2.2	22.6	17.3	500	4.32	113.1	0.6	436.1	1.8	34	1.0	6.4	0.6	79
536606	Drill Core		4.24	26.4	292.9	14.8	58	0.6	3.9	10.5	858	4.06	14.5	2.8	125.5	6.3	140	<0.1	0.1	1.0	82
536607	Drill Core		3.94	6.7	230.8	47.3	85	0.6	3.6	34.9	1067	5.24	13.3	3.0	32.8	5.5	158	<0.1	0.1	2.0	88
536608	Drill Core		3.97	2.7	65.4	11.8	59	0.2	3.0	10.2	975	4.37	10.5	2.5	15.6	7.3	142	<0.1	0.2	1.3	62
536609	Drill Core		4.44	3.6	106.5	11.3	59	0.2	4.3	14.6	1061	4.21	9.0	1.4	25.0	3.5	150	<0.1	0.1	1.0	65
536610	Drill Core		4.34	1.4	174.7	5.1	54	0.4	3.5	9.7	976	3.41	8.2	1.4	20.2	3.4	196	<0.1	0.2	0.5	66
536611	Drill Core		4.98	5.2	505.4	8.0	88	1.6	3.3	8.9	1422	4.71	22.1	2.6	129.3	6.3	121	0.1	0.4	1.5	67
536612	Drill Core		4.42	2.7	186.3	4.1	76	0.6	3.5	10.4	1563	4.12	5.9	2.3	38.4	5.5	148	<0.1	<0.1	1.9	56
536613	Drill Core		4.68	2.5	124.3	2.8	117	0.8	4.9	8.6	2354	6.19	30.2	1.0	68.0	1.9	84	<0.1	0.6	3.7	37
536614	Drill Core		5.53	3.7	88.9	4.9	83	0.7	5.8	11.5	1388	6.09	59.3	2.0	92.6	1.0	155	<0.1	1.2	3.5	28
536615	Drill Core		4.97	1.8	74.8	6.2	57	0.2	2.6	9.0	1253	2.85	5.6	1.6	3.3	4.7	176	<0.1	0.1	0.3	56
536616	Drill Core		5.70	3.5	149.4	4.4	88	1.9	2.7	9.9	1948	4.84	9.9	3.1	120.2	7.0	115	<0.1	0.1	3.2	41
536617	Drill Core		3.42	3.3	178.6	2.9	129	1.2	3.8	10.5	2159	6.83	13.3	2.5	70.5	5.9	72	<0.1	0.4	3.6	45
536618	Drill Core		5.93	68.2	176.1	170.8	130	2.5	17.7	16.1	1569	5.98	12.3	1.9	74.4	4.4	131	1.4	0.3	7.2	58
536619	Drill Core		2.95	8.6	87.4	4.0	56	0.4	3.9	15.0	1004	3.67	5.7	2.1	16.2	5.9	137	<0.1	<0.1	1.1	56
536620	Rock		0.40	1.0	18.3	4.7	46	<0.1	18.8	7.2	436	2.36	3.7	0.6	0.8	3.5	46	0.1	0.4	0.1	51
536621	Drill Core		4.71	3.2	80.0	3.7	50	0.2	3.4	13.8	1036	3.36	6.7	1.9	6.3	5.1	137	<0.1	0.1	1.0	65
536622	Drill Core		4.88	3.3	106.9	3.4	47	0.2	3.3	8.8	1021	3.04	9.9	1.9	12.2	5.2	149	<0.1	0.2	0.4	67
536623	Drill Core		4.80	2.0	110.7	3.3	40	0.3	3.1	14.2	816	3.61	10.4	2.0	16.2	5.6	171	<0.1	0.1	0.8	68
536624	Drill Core		4.10	14.5	67.1	4.2	59	0.2	3.5	14.6	1123	4.71	10.1	2.1	30.5	6.0	156	<0.1	0.1	1.0	57
536625	Drill Core		4.72	5.3	68.3	4.0	47	0.2	3.2	10.5	651	3.00	9.1	2.2	5.7	6.2	173	<0.1	0.2	0.5	61
536626	Drill Core		4.55	15.2	662.1	3.8	53	2.2	3.4	16.8	783	5.60	15.0	2.9	101.6	6.7	162	<0.1	0.1	13.8	50
536627	Drill Core		4.51	2.1	126.2	3.2	41	0.2	3.1	8.0	789	2.98	11.7	1.7	13.4	4.9	226	<0.1	0.2	0.2	70
536628	Drill Core		4.91	1.7	248.9	3.3	47	0.5	3.4	10.2	965	3.30	15.2	1.8	21.4	4.5	229	<0.1	0.2	1.5	72
536629	Drill Core		4.55	2.0	228.3	4.8	64	0.5	3.6	10.5	1417	4.24	28.6	1.8	32.3	5.2	313	<0.1	0.2	0.7	75
536630	Drill Core		4.11	1.5	44.2	5.5	32	<0.1	3.0	8.5	597	2.83	12.3	1.8	18.4	4.9	186	<0.1	0.2	1.3	63
536631	Drill Core		4.37	2.1	81.3	5.9	42	0.1	2.9	9.1	619	2.80	7.1	1.9	1.8	4.4	149	<0.1	0.2	2.5	62
536632	Drill Core		4.55	2.1	69.8	8.0	52	<0.1	3.2	8.2	673	2.94	9.1	1.8	4.2	4.5	151	<0.1	0.2	0.6	62
536633	Drill Core		7.01	1.9	59.1	5.3	44	0.1	16.6	13.5	680	2.88	12.3	1.8	2.4	4.1	183	<0.1	0.5	0.7	66
536634	Drill Core		2.03	1.2	46.8	2.6	80	<0.1	98.8	17.9	1573	3.88	10.3	0.4	<0.5	0.3	204	<0.1	0.3	2.9	90

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 3 of 7 Part 2

CERTIFICATE OF ANALYSIS

SMI10000314.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
536605	Rock Pulp	0.45	0.098	10	30	0.63	39	0.056	3	1.04	0.023	0.62	1.2	0.10	5.7	0.5	2.28	4	7.2	2.8	0.399
536606	Drill Core	1.16	0.090	9	4	1.31	66	0.175	3	1.83	0.169	0.38	0.7	<0.01	3.9	0.2	1.70	11	0.8	1.0	0.117
536607	Drill Core	1.22	0.089	8	4	1.25	42	0.149	2	1.80	0.152	0.16	0.5	<0.01	3.8	0.1	2.72	10	1.5	0.7	
536608	Drill Core	0.91	0.077	8	6	1.23	42	0.124	3	1.87	0.115	0.20	0.4	<0.01	3.0	0.1	1.79	9	0.8	1.0	
536609	Drill Core	1.01	0.096	7	7	1.35	51	0.138	4	1.88	0.107	0.18	0.4	<0.01	3.4	<0.1	1.98	10	1.1	1.0	
536610	Drill Core	1.29	0.093	8	7	1.15	37	0.140	5	1.92	0.141	0.17	0.5	<0.01	3.3	<0.1	0.88	8	<0.5	0.3	
536611	Drill Core	0.92	0.085	10	5	1.26	31	0.065	5	1.79	0.055	0.32	0.2	<0.01	3.3	0.3	1.72	11	0.9	1.4	0.121
536612	Drill Core	2.15	0.091	14	5	0.98	40	0.033	8	1.47	0.056	0.22	0.2	<0.01	3.8	0.1	1.91	10	1.2	2.1	
536613	Drill Core	1.45	0.098	10	6	1.00	56	0.043	5	1.11	0.034	0.55	0.2	<0.01	2.2	0.4	2.57	6	1.4	3.0	
536614	Drill Core	2.31	0.035	3	5	0.95	24	0.002	14	0.69	0.047	0.31	0.2	0.02	2.4	0.2	4.03	3	3.5	3.1	
536615	Drill Core	2.10	0.091	10	5	0.54	182	0.038	7	0.81	0.095	0.19	0.2	<0.01	4.4	<0.1	0.45	5	<0.5	<0.2	
536616	Drill Core	2.03	0.087	12	5	0.76	48	0.029	5	1.37	0.042	0.36	0.2	<0.01	3.4	0.1	2.87	7	1.5	2.1	0.117
536617	Drill Core	1.05	0.085	12	5	1.15	44	0.053	5	2.18	0.036	0.45	0.3	0.02	2.4	0.3	2.79	9	1.5	2.5	
536618	Drill Core	1.20	0.088	8	37	1.38	41	0.059	5	1.99	0.056	0.35	0.4	0.02	3.1	0.2	3.18	8	2.1	1.7	
536619	Drill Core	1.02	0.092	11	7	1.11	83	0.072	3	1.31	0.094	0.17	0.3	<0.01	3.2	<0.1	1.76	8	1.3	0.5	
536620	Rock	0.53	0.064	12	25	0.52	137	0.103	2	1.10	0.102	0.17	<0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2	
536621	Drill Core	1.05	0.096	9	7	1.08	94	0.127	2	1.54	0.159	0.16	0.3	<0.01	3.5	<0.1	1.17	8	0.6	1.1	
536622	Drill Core	1.14	0.097	9	6	1.09	85	0.149	2	1.61	0.123	0.14	0.5	<0.01	3.3	<0.1	0.63	8	<0.5	0.5	
536623	Drill Core	1.12	0.085	7	3	1.11	38	0.157	3	1.96	0.140	0.19	0.4	<0.01	2.9	<0.1	1.33	9	1.0	0.5	
536624	Drill Core	1.05	0.087	8	5	1.15	67	0.142	4	1.96	0.101	0.58	0.3	0.01	2.3	0.3	2.07	8	0.7	0.3	
536625	Drill Core	1.01	0.093	9	5	0.81	47	0.128	3	1.34	0.112	0.17	0.6	<0.01	3.3	<0.1	1.24	7	<0.5	<0.2	
536626	Drill Core	1.02	0.087	6	6	0.93	41	0.118	2	2.00	0.146	0.32	0.6	0.03	2.3	0.1	3.95	8	3.8	8.9	0.101
536627	Drill Core	1.35	0.087	9	6	1.05	44	0.132	3	2.11	0.154	0.15	0.3	<0.01	2.5	<0.1	0.21	9	<0.5	<0.2	
536628	Drill Core	1.38	0.099	7	5	1.06	38	0.150	3	2.13	0.154	0.13	0.5	<0.01	3.0	<0.1	0.62	9	<0.5	1.3	
536629	Drill Core	1.77	0.089	7	5	1.37	28	0.162	3	3.49	0.261	0.22	0.4	<0.01	3.5	<0.1	0.98	12	<0.5	0.8	
536630	Drill Core	1.18	0.087	7	5	1.03	40	0.154	2	1.64	0.112	0.13	0.5	<0.01	2.5	<0.1	0.55	8	<0.5	0.3	
536631	Drill Core	0.96	0.100	7	6	0.84	67	0.135	3	1.19	0.125	0.17	0.5	<0.01	2.7	<0.1	0.36	7	<0.5	1.5	
536632	Drill Core	1.00	0.098	8	6	1.02	62	0.150	1	1.35	0.114	0.18	0.5	<0.01	2.5	<0.1	0.46	8	<0.5	0.5	
536633	Drill Core	1.23	0.107	6	29	1.31	42	0.150	3	1.53	0.128	0.13	0.7	<0.01	2.7	<0.1	0.57	8	0.5	0.5	
536634	Drill Core	1.49	0.130	2	157	2.67	14	0.212	2	2.73	0.180	0.10	0.5	<0.01	4.1	<0.1	0.06	13	<0.5	1.8	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 4 of 7 Part 1

CERTIFICATE OF ANALYSIS

SMI10000314.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
536635	Drill Core	2.46	2.6	429.4	4.0	50	0.6	4.9	9.7	915	3.59	11.7	1.4	59.5	4.5	180	<0.1	0.2	1.1	63
536636	Drill Core	2.30	1.9	219.4	3.8	40	0.3	3.4	10.1	840	3.32	10.2	1.3	12.9	4.4	176	<0.1	0.2	0.6	65
536637	Drill Core	4.67	11.1	101.5	5.0	40	<0.1	3.5	7.4	963	2.80	14.1	1.8	6.4	4.8	163	<0.1	0.3	0.3	60
536638	Drill Core	4.88	1.3	44.7	4.8	38	<0.1	2.6	8.7	754	2.55	11.2	1.9	3.5	4.5	181	<0.1	0.3	0.5	61
536639	Drill Core	4.71	1.0	80.8	7.8	52	0.1	3.1	10.5	800	2.92	21.7	3.1	0.6	5.1	150	<0.1	0.2	0.4	68
536640	Drill Core	4.71	2.4	320.0	31.7	62	0.8	3.0	16.5	1012	3.88	5.9	1.9	14.8	5.5	112	<0.1	0.1	1.9	62
536641	Drill Core	5.07	2.1	138.2	6.8	63	0.2	3.7	21.7	945	4.60	4.4	2.6	8.6	6.6	86	<0.1	0.1	0.8	68
536642	Drill Core	4.69	1.8	175.2	11.2	52	0.3	2.9	11.0	905	4.04	4.2	2.8	13.3	7.0	96	<0.1	0.1	1.4	60
536643	Drill Core	4.52	2.5	181.0	18.7	53	0.3	2.6	9.6	777	3.22	10.9	2.9	14.3	5.7	85	0.1	0.2	1.5	59
536644	Drill Core	6.40	1.5	42.3	9.7	52	0.1	4.8	9.5	821	2.57	4.1	1.9	5.5	5.6	132	<0.1	0.2	0.4	55
536645	Drill Core	3.32	1.1	31.9	3.9	33	<0.1	2.5	9.2	798	2.49	5.5	0.6	2.5	2.6	140	<0.1	0.1	<0.1	48
536646	Drill Core	4.88	1.3	101.6	4.1	48	0.2	2.6	13.8	808	3.00	11.2	0.6	5.0	1.4	142	0.1	0.1	0.6	51
536647	Drill Core	5.07	1.8	50.3	4.6	39	<0.1	2.4	7.5	810	2.85	5.8	0.7	2.2	1.9	129	<0.1	0.2	<0.1	57
536648	Drill Core	4.72	1.4	135.0	3.8	38	0.2	2.7	10.5	808	2.84	47.9	0.8	6.6	1.5	147	0.1	4.6	1.1	43
536649	Drill Core	4.85	5.7	68.0	4.5	39	0.1	2.5	9.0	908	2.85	11.4	2.1	3.3	2.6	120	<0.1	0.2	0.3	49
536650	Rock Pulp	0.11	153.5	1776	20.9	60	1.8	16.8	17.1	374	3.84	26.5	3.9	168.0	8.7	61	1.0	6.3	2.3	53
536651	Drill Core	4.96	1.3	98.7	11.4	41	0.2	2.7	9.4	1074	2.54	6.2	1.7	10.7	4.5	115	0.1	0.4	1.1	48
536652	Drill Core	4.87	0.9	27.1	9.4	37	<0.1	2.4	5.5	912	2.29	3.7	1.8	2.3	4.5	101	<0.1	<0.1	0.2	49
536653	Drill Core	5.27	2.3	155.4	10.3	205	0.3	2.5	7.8	1646	4.02	44.7	1.9	9.7	4.7	110	1.0	0.6	1.0	46
536654	Drill Core	2.19	17.9	199.9	8.1	219	0.5	4.0	11.7	1741	4.40	102.6	1.9	31.7	1.8	146	1.1	4.0	1.9	40
536655	Drill Core	7.67	6.4	179.9	7.0	116	0.4	3.1	13.0	971	3.87	44.2	1.6	14.1	2.1	125	0.5	1.5	0.9	44
536656	Drill Core	4.68	8.7	153.1	5.8	110	0.4	2.5	10.7	2388	6.44	22.0	1.4	19.3	3.5	112	0.1	0.2	1.5	45
536657	Drill Core	4.08	3.2	129.8	10.8	99	0.3	4.5	9.0	1660	3.35	17.5	1.6	15.0	4.6	128	0.2	0.2	0.8	51
536658	Drill Core	5.41	1.7	47.2	13.1	100	0.2	3.2	9.0	1465	2.77	5.7	9.4	12.9	5.0	153	0.1	0.2	0.5	57
536659	Drill Core	4.91	1.9	72.4	13.5	118	0.3	3.4	9.3	1502	2.99	4.3	1.7	8.2	4.5	132	0.1	0.1	0.4	64
536660	Drill Core	4.71	9.3	463.4	24.3	174	1.4	3.2	15.2	1325	5.59	15.3	2.9	93.5	4.3	87	0.4	0.1	2.7	55
536661	Drill Core	4.80	7.7	665.9	38.7	336	1.7	3.3	14.6	1726	6.13	28.0	3.8	116.5	5.3	103	1.2	0.2	3.9	56
536662	Drill Core	4.50	2.0	236.2	160.2	834	1.1	3.0	9.9	2205	4.36	16.2	1.9	23.3	5.3	83	3.4	0.1	1.8	60
536663	Drill Core	5.21	3.7	137.1	184.5	1861	1.5	3.0	15.5	2331	6.35	29.4	2.8	109.1	4.9	75	6.5	0.2	3.0	47
536664	Drill Core	5.59	5.1	113.3	22.5	231	0.4	3.0	11.3	1616	2.86	8.7	1.5	13.3	5.0	132	0.7	0.2	0.5	60

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 4 of 7 Part 2

CERTIFICATE OF ANALYSIS

SMI10000314.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
536635	Drill Core	1.87	0.092	10	6	1.23	128	0.082	6	1.70	0.102	0.16	0.3	<0.01	3.5	<0.1	0.95	9	<0.5	0.5	
536636	Drill Core	1.72	0.086	9	5	1.11	135	0.088	6	1.60	0.104	0.15	0.3	<0.01	3.5	<0.1	0.77	8	<0.5	<0.2	
536637	Drill Core	2.18	0.089	10	5	0.79	223	0.083	7	1.31	0.093	0.17	0.4	<0.01	3.2	<0.1	0.42	7	<0.5	<0.2	
536638	Drill Core	1.86	0.097	8	6	0.74	38	0.108	3	1.25	0.105	0.16	0.6	<0.01	3.3	<0.1	0.30	6	<0.5	<0.2	
536639	Drill Core	2.07	0.137	12	6	0.62	129	0.053	4	0.96	0.083	0.14	1.0	<0.01	3.9	<0.1	0.16	6	<0.5	0.3	
536640	Drill Core	1.27	0.080	11	6	0.99	86	0.054	2	1.26	0.069	0.13	0.4	<0.01	3.3	<0.1	1.09	9	1.0	1.1	
536641	Drill Core	0.87	0.086	12	6	1.09	86	0.059	<1	1.21	0.074	0.16	0.3	<0.01	3.4	<0.1	1.37	8	0.7	<0.2	
536642	Drill Core	1.52	0.084	13	6	0.93	72	0.032	1	1.13	0.065	0.14	0.3	<0.01	3.2	<0.1	1.81	7	2.0	0.6	
536643	Drill Core	1.84	0.090	13	5	0.79	83	0.015	5	0.81	0.063	0.15	0.3	0.02	3.7	<0.1	1.21	6	0.9	0.7	
536644	Drill Core	1.99	0.083	12	5	0.78	57	0.013	6	0.85	0.063	0.12	0.1	<0.01	3.9	<0.1	0.22	6	<0.5	<0.2	
536645	Drill Core	2.69	0.044	5	3	0.76	465	0.001	11	0.38	0.071	0.20	<0.1	<0.01	4.5	<0.1	0.11	2	<0.5	<0.2	
536646	Drill Core	3.10	0.017	2	3	0.99	326	<0.001	15	0.37	0.069	0.19	<0.1	<0.01	4.7	<0.1	0.48	2	<0.5	0.4	
536647	Drill Core	2.13	0.046	4	3	0.76	483	<0.001	18	0.43	0.078	0.24	<0.1	<0.01	5.2	<0.1	0.13	2	<0.5	<0.2	
536648	Drill Core	2.43	0.027	2	3	0.81	304	<0.001	18	0.42	0.068	0.21	<0.1	<0.01	4.6	<0.1	0.41	1	<0.5	0.8	
536649	Drill Core	1.73	0.043	4	3	0.73	302	<0.001	16	0.41	0.061	0.20	<0.1	<0.01	4.7	<0.1	0.37	2	<0.5	0.2	
536650	Rock Pulp	1.72	0.067	17	61	0.82	68	0.031	5	1.41	0.051	0.48	2.4	0.09	4.7	0.3	1.68	4	2.6	<0.2	0.183
536651	Drill Core	2.04	0.080	13	3	0.75	93	0.003	10	0.60	0.071	0.18	0.1	<0.01	4.4	<0.1	0.30	4	<0.5	0.7	
536652	Drill Core	1.87	0.078	11	4	0.81	92	0.002	7	0.53	0.070	0.19	0.1	<0.01	4.4	<0.1	0.10	4	<0.5	<0.2	
536653	Drill Core	2.23	0.064	9	3	1.01	55	0.001	11	0.52	0.060	0.20	0.1	0.02	3.9	<0.1	1.86	3	0.8	0.4	
536654	Drill Core	1.92	0.023	2	3	0.88	55	<0.001	17	0.47	0.071	0.25	<0.1	0.02	4.3	0.1	1.92	2	0.9	0.6	
536655	Drill Core	1.87	0.034	3	2	0.81	71	<0.001	14	0.44	0.062	0.22	<0.1	0.02	4.0	0.2	1.34	2	0.7	0.4	
536656	Drill Core	2.00	0.045	5	3	1.12	46	<0.001	12	0.53	0.061	0.21	0.1	0.02	3.7	0.2	2.58	3	0.5	0.7	
536657	Drill Core	2.51	0.084	11	5	0.84	173	0.002	8	0.56	0.067	0.21	0.1	<0.01	4.4	<0.1	0.82	3	<0.5	0.5	
536658	Drill Core	2.55	0.090	15	4	0.62	63	0.005	7	0.75	0.067	0.15	<0.1	<0.01	4.7	<0.1	0.53	5	<0.5	0.2	
536659	Drill Core	2.23	0.094	13	4	0.79	45	0.010	6	1.15	0.073	0.16	0.2	<0.01	4.5	<0.1	0.36	7	<0.5	0.3	
536660	Drill Core	1.33	0.078	12	4	1.00	29	0.016	3	1.26	0.050	0.16	0.1	<0.01	2.9	<0.1	3.74	8	3.0	2.5	
536661	Drill Core	1.00	0.086	14	5	1.27	37	0.028	6	1.71	0.058	0.32	0.2	0.03	2.9	0.2	3.57	10	3.0	3.1	0.123
536662	Drill Core	0.99	0.088	13	5	1.18	90	0.027	4	1.65	0.052	0.20	0.2	0.04	3.2	0.2	1.24	10	0.8	0.4	
536663	Drill Core	0.62	0.078	12	5	1.23	56	0.030	3	2.08	0.047	0.44	0.2	0.06	2.4	0.4	2.45	10	0.8	1.9	0.119
536664	Drill Core	2.07	0.086	13	5	0.73	42	0.025	3	0.95	0.079	0.11	0.2	<0.01	3.5	<0.1	0.41	7	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 5 of 7 Part 1

CERTIFICATE OF ANALYSIS

SMI10000314.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
536665	Rock Pulp	0.462	0.09	240.2	4517	34.9	143	2.0	22.6	18.1	523	4.40	112.0	0.5	370.8	1.5	30	1.1	5.6	0.5	78
536666	Drill Core		4.83	1.8	130.1	33.7	202	0.5	8.5	9.7	1378	3.34	8.6	1.6	13.7	4.0	125	0.4	0.1	1.2	66
536667	Drill Core		4.92	10.7	219.0	33.1	1809	0.5	3.5	10.7	1876	4.57	19.1	1.6	57.8	5.0	106	7.2	0.1	1.4	51
536668	Drill Core		4.91	3.8	1414	38.6	1060	2.7	3.1	10.2	2088	7.40	36.0	1.8	247.2	4.4	128	4.1	0.1	2.9	45
536669	Drill Core		4.59	4.6	609.1	19.6	506	1.0	3.2	8.7	2007	4.81	15.1	1.7	295.6	4.6	194	1.7	0.1	1.1	50
536670	Drill Core		4.95	1.0	32.0	9.4	68	<0.1	2.5	5.7	600	2.15	6.3	1.5	2.9	4.8	182	<0.1	0.2	0.2	50
536671	Drill Core		5.07	1.9	30.9	6.9	90	<0.1	2.9	7.5	820	2.50	8.3	2.1	2.3	5.1	141	<0.1	0.1	0.2	54
536672	Drill Core		4.59	1.1	129.8	7.2	126	0.2	3.0	7.4	953	2.66	6.9	2.6	6.7	6.6	157	0.1	0.1	0.6	51
536673	Drill Core		5.04	13.8	325.2	9.4	232	0.6	3.0	14.1	996	4.47	21.9	2.0	39.7	5.1	200	0.7	0.2	3.0	50
536674	Drill Core		4.88	9.1	1256	10.1	181	2.2	3.2	37.5	1496	5.76	23.0	1.9	73.6	4.3	164	0.6	0.2	4.2	48
536675	Drill Core		5.38	3.8	142.1	6.5	87	0.2	3.1	12.8	1185	3.28	11.3	1.6	18.5	4.9	237	<0.1	0.2	0.5	50
536676	Drill Core		5.04	3.2	92.8	6.0	92	0.1	3.3	12.1	1773	4.00	8.7	1.6	8.2	5.4	204	<0.1	0.1	0.2	50
536677	Drill Core		4.70	4.1	102.8	49.1	523	0.2	8.9	11.3	2498	5.51	10.3	2.2	8.4	5.0	158	1.5	0.1	0.5	67
536678	Drill Core		5.31	10.2	111.2	28.2	193	0.2	4.8	10.8	1718	3.40	12.7	2.5	37.5	5.3	199	0.4	0.3	0.5	57
536679	Drill Core		5.00	7.7	128.7	11.0	87	0.2	3.1	7.9	855	2.75	6.1	1.5	34.1	4.6	116	0.1	0.2	0.4	48
536680	Drill Core		5.37	2.9	149.3	16.3	73	0.3	2.5	11.9	574	2.12	4.9	3.0	22.5	7.6	88	0.1	0.2	0.7	40
536681	Rock		0.48	0.9	18.4	3.5	44	<0.1	20.2	7.3	385	2.19	3.5	0.6	9.4	2.9	42	0.1	0.4	<0.1	46
536682	Drill Core		4.86	7.1	188.8	14.7	166	0.3	9.1	10.1	850	3.01	8.8	3.3	19.5	7.9	113	0.3	0.2	0.7	55
536683	Drill Core		4.73	6.8	210.6	5.9	414	0.3	2.6	7.8	903	2.33	6.5	1.6	13.5	5.1	97	1.5	0.2	0.9	36
536684	Drill Core		5.20	8.6	122.1	5.8	76	0.2	2.4	8.9	821	2.08	8.0	1.4	9.5	5.1	112	0.1	0.1	0.5	32
536685	Drill Core		5.08	5.3	470.1	16.5	658	2.9	2.6	6.6	1182	2.62	5.6	1.7	95.8	4.8	157	2.5	0.2	4.8	30
536686	Drill Core		5.36	9.3	1388	12.0	546	3.0	2.4	7.2	1124	3.45	8.2	1.8	99.2	5.3	151	2.0	0.2	4.5	28
536687	Drill Core		6.10	18.7	96.7	4.1	54	0.2	2.6	3.2	846	2.23	7.9	1.9	10.6	5.8	168	<0.1	0.2	0.9	28
536688	Drill Core		4.54	30.5	192.3	3.7	56	0.3	2.6	8.5	882	2.23	4.5	2.1	11.0	5.6	124	<0.1	0.2	0.6	23
536689	Drill Core		5.12	35.2	182.9	3.6	56	0.3	2.5	11.1	881	2.15	2.4	2.1	11.1	5.8	113	<0.1	0.1	0.3	27
536690	Drill Core		3.44	33.4	907.3	11.1	273	2.1	2.5	13.1	1207	6.95	25.6	2.9	226.0	4.2	52	0.8	0.1	13.3	15
536691	Drill Core		4.88	14.5	968.0	10.0	235	1.8	2.9	10.7	1846	6.94	24.4	2.2	206.4	4.4	51	0.6	0.1	4.7	22
536692	Drill Core		5.31	18.3	625.5	10.3	451	1.3	2.2	12.1	1518	6.81	20.4	2.1	171.5	3.9	84	1.9	<0.1	4.5	18
536693	Drill Core		5.24	15.0	615.0	4.8	292	1.3	2.8	9.4	2086	5.59	13.6	2.2	84.7	4.5	101	0.6	<0.1	4.1	21
536694	Drill Core		4.74	19.1	675.5	7.9	345	1.7	2.8	12.2	2083	5.20	16.3	2.0	95.9	4.9	172	1.5	<0.1	5.3	20

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 5 of 7 Part 2

CERTIFICATE OF ANALYSIS

SMI10000314.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
536665	Rock Pulp	0.43	0.101	10	29	0.64	39	0.049	4	1.02	0.023	0.59	1.0	0.10	5.3	0.4	2.34	4	7.7	0.8	0.392
536666	Drill Core	1.23	0.101	8	12	1.20	37	0.079	2	1.39	0.107	0.15	0.3	<0.01	3.3	0.2	0.77	8	0.6	0.8	
536667	Drill Core	0.79	0.092	9	5	1.32	45	0.045	4	1.76	0.078	0.19	0.2	0.02	2.4	0.1	1.96	10	0.6	0.6	
536668	Drill Core	0.78	0.083	8	5	1.20	39	0.060	3	2.16	0.106	0.27	0.3	0.02	2.2	0.2	3.98	10	0.6	1.2	0.348
536669	Drill Core	1.15	0.087	9	5	1.15	34	0.047	4	2.23	0.200	0.19	0.2	<0.01	2.3	0.1	1.39	10	<0.5	<0.2	0.167
536670	Drill Core	1.21	0.091	8	6	0.55	43	0.085	1	0.88	0.066	0.12	0.3	<0.01	1.9	<0.1	0.15	5	<0.5	<0.2	
536671	Drill Core	1.05	0.094	8	6	0.84	37	0.111	3	1.08	0.061	0.12	0.5	<0.01	2.2	<0.1	0.30	6	<0.5	<0.2	
536672	Drill Core	0.89	0.089	9	6	0.98	46	0.120	2	1.26	0.068	0.12	0.6	<0.01	1.8	<0.1	0.39	7	<0.5	<0.2	
536673	Drill Core	0.85	0.092	7	5	0.98	32	0.125	3	1.61	0.101	0.25	0.9	<0.01	2.0	<0.1	2.88	8	2.5	1.7	
536674	Drill Core	0.77	0.081	6	5	1.13	45	0.130	2	2.47	0.202	0.43	0.7	<0.01	1.8	0.2	2.58	9	2.0	1.5	
536675	Drill Core	1.12	0.089	8	6	0.99	45	0.133	4	1.77	0.138	0.19	0.8	<0.01	1.6	<0.1	0.74	7	<0.5	0.7	
536676	Drill Core	0.98	0.088	8	5	1.02	41	0.104	3	1.99	0.170	0.24	0.5	<0.01	1.5	<0.1	0.36	8	<0.5	<0.2	
536677	Drill Core	0.97	0.103	8	17	1.35	44	0.117	3	2.89	0.191	0.42	0.5	0.01	2.6	0.2	0.38	11	<0.5	<0.2	
536678	Drill Core	1.00	0.080	6	9	1.05	37	0.117	2	2.00	0.148	0.18	0.7	0.05	2.0	<0.1	0.50	8	<0.5	0.7	
536679	Drill Core	0.73	0.079	7	6	0.92	55	0.059	2	1.08	0.055	0.10	0.3	0.01	1.9	<0.1	0.64	6	<0.5	0.5	
536680	Drill Core	0.79	0.069	8	6	0.67	101	0.046	1	0.81	0.065	0.10	0.3	<0.01	2.0	<0.1	0.70	5	0.5	0.3	
536681	Rock	0.51	0.063	11	24	0.53	141	0.092	3	0.97	0.083	0.14	0.1	<0.01	2.7	<0.1	<0.05	4	<0.5	<0.2	
536682	Drill Core	0.85	0.076	8	19	1.18	82	0.081	3	1.31	0.069	0.13	0.3	<0.01	2.8	<0.1	0.79	7	<0.5	<0.2	
536683	Drill Core	0.80	0.070	6	5	0.88	58	0.053	2	1.08	0.071	0.13	0.2	<0.01	1.2	<0.1	0.61	5	<0.5	0.3	
536684	Drill Core	1.00	0.073	7	5	0.84	48	0.027	3	1.19	0.091	0.14	0.1	<0.01	1.3	<0.1	0.45	5	<0.5	0.4	
536685	Drill Core	1.14	0.070	7	4	0.82	88	0.049	4	1.48	0.110	0.27	0.2	<0.01	1.5	<0.1	0.62	6	<0.5	3.6	
536686	Drill Core	0.82	0.078	5	4	0.95	71	0.104	2	1.74	0.107	0.29	0.4	<0.01	1.0	<0.1	1.38	5	0.8	3.0	
536687	Drill Core	0.77	0.075	5	5	0.91	99	0.111	2	1.58	0.101	0.25	0.4	<0.01	0.9	<0.1	0.44	5	0.6	0.7	
536688	Drill Core	0.94	0.070	6	5	0.81	132	0.076	3	1.39	0.051	0.36	0.2	<0.01	1.1	0.1	0.53	4	<0.5	0.8	
536689	Drill Core	0.92	0.071	7	6	0.75	144	0.042	2	1.15	0.048	0.17	0.2	<0.01	1.0	<0.1	0.49	4	<0.5	<0.2	
536690	Drill Core	0.63	0.056	8	4	0.73	20	0.004	2	1.30	0.019	0.23	0.2	<0.01	0.7	<0.1	5.34	3	4.1	6.9	0.231
536691	Drill Core	0.69	0.073	11	4	1.13	35	0.005	2	2.00	0.016	0.19	0.1	<0.01	0.9	<0.1	3.72	5	1.4	1.7	0.204
536692	Drill Core	1.25	0.069	8	3	0.69	22	0.002	3	1.63	0.022	0.21	0.1	<0.01	1.3	<0.1	4.35	4	3.3	1.8	0.167
536693	Drill Core	0.58	0.078	11	3	1.15	55	0.003	2	2.05	0.018	0.22	<0.1	<0.01	1.1	<0.1	2.56	5	2.0	1.6	
536694	Drill Core	0.70	0.066	11	4	0.97	58	0.004	1	1.72	0.019	0.21	0.1	<0.01	1.2	<0.1	2.14	4	0.8	3.3	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 6 of 7 Part 1

CERTIFICATE OF ANALYSIS

SMI10000314.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
536695	Drill Core	2.12	18.1	590.1	16.8	528	1.3	2.5	10.6	2486	4.79	25.2	1.8	104.9	4.0	326	2.2	0.2	4.5	24
536696	Drill Core	2.00	16.8	744.1	17.0	528	1.6	2.0	8.5	2426	4.83	22.3	1.8	130.4	4.2	375	2.0	0.2	5.4	22
536697	Drill Core	4.78	7.5	177.5	9.1	134	0.5	2.6	11.7	2189	4.02	15.4	1.9	667.9	4.6	655	0.2	<0.1	1.4	25
536698	Drill Core	5.49	2.1	254.1	6.5	148	0.6	2.4	8.8	2143	5.81	48.2	2.1	33.8	3.7	186	0.1	0.4	2.2	14
536699	Drill Core	5.68	21.5	541.5	4.5	375	1.3	2.7	12.8	2109	5.39	165.9	1.8	79.8	3.4	144	0.9	3.9	7.2	14
536700	Drill Core	4.96	12.4	478.7	8.6	388	1.1	2.2	8.7	1752	4.84	147.5	1.0	69.0	1.7	288	1.4	13.5	7.7	21
536701	Drill Core	4.97	6.7	183.1	7.6	166	0.4	3.5	5.5	1193	2.86	70.2	1.2	11.6	1.8	374	0.6	5.0	1.5	29
536702	Drill Core	4.68	7.5	229.1	11.7	164	0.5	5.2	8.2	1019	2.94	104.8	2.6	10.2	3.4	476	0.3	7.1	1.1	31
536703	Drill Core	5.36	7.2	287.9	15.4	382	0.6	3.8	9.2	1213	3.38	109.7	1.8	15.8	4.2	328	1.3	7.9	1.8	39
536704	Drill Core	3.52	6.2	232.3	5.2	155	0.5	4.0	5.3	1494	3.27	56.0	0.9	38.9	1.8	410	0.2	2.0	2.2	43
536705	Drill Core	4.93	9.6	319.3	9.5	136	0.6	2.9	3.5	1453	3.32	6.2	2.3	25.8	4.8	484	0.2	0.2	1.3	42
536706	Drill Core	5.25	15.1	894.3	7.4	116	1.6	2.9	9.8	1418	4.30	11.2	2.4	57.5	5.3	371	0.2	0.1	6.5	24
536707	Drill Core	5.00	13.5	1170	8.3	91	1.7	2.7	7.4	1393	5.15	27.5	2.2	89.0	4.6	190	0.1	0.3	5.2	14
536708	Drill Core	5.18	7.7	658.9	11.8	186	1.3	2.6	11.6	940	6.25	26.1	1.8	98.4	4.3	110	0.4	0.2	4.4	9
536709	Drill Core	5.12	13.0	837.7	6.1	231	1.1	2.7	8.8	2080	5.19	13.8	2.2	46.5	4.5	418	0.4	0.1	1.8	23
536710	Rock Pulp	0.11	139.1	1614	19.2	57	1.9	16.7	16.4	337	3.62	25.3	4.0	168.6	8.4	58	0.7	6.0	2.1	51
536711	Drill Core	5.15	23.0	985.4	13.5	479	1.9	3.1	11.4	2262	5.69	12.2	2.9	95.8	5.2	159	1.4	<0.1	5.0	22
536712	Drill Core	4.95	16.8	1585	16.1	777	3.3	2.4	15.6	1519	5.91	14.2	2.3	155.5	4.3	253	3.2	<0.1	5.3	15
536713	Drill Core	5.26	30.2	1028	25.3	291	3.1	2.6	17.0	880	7.59	32.2	2.7	212.2	5.6	178	1.2	0.2	17.7	8
536714	Drill Core	5.35	22.1	1700	16.5	516	4.2	2.7	16.2	1644	5.73	15.9	2.8	178.3	6.7	155	1.8	0.2	14.1	16
536715	Drill Core	5.31	32.8	973.2	14.4	577	2.2	2.5	8.8	1652	3.75	4.2	3.1	114.5	6.6	147	2.0	0.1	4.5	23
536716	Drill Core	5.16	29.7	537.1	22.3	431	1.5	2.7	13.0	1155	4.75	15.1	3.4	80.5	6.1	144	1.8	0.2	4.0	19
536717	Drill Core	4.55	11.8	202.3	18.9	219	0.4	2.8	12.3	1035	3.75	8.9	3.0	24.1	7.8	117	0.6	0.1	1.2	54
536718	Drill Core	4.52	12.9	378.4	52.3	1788	2.4	2.8	9.5	962	4.30	15.4	2.9	747.3	5.4	127	6.1	0.1	6.3	40
536719	Drill Core	5.23	31.5	1123	133.8	3031	5.6	2.9	12.2	666	7.48	24.8	2.0	496.6	5.1	87	11.4	0.1	13.1	27
536720	Drill Core	5.12	12.1	564.6	136.7	809	2.0	2.4	9.8	1483	3.74	8.7	2.6	100.6	6.3	140	2.7	0.1	2.8	45
536721	Drill Core	5.00	8.3	185.5	45.1	1198	0.5	2.7	9.3	1642	3.98	10.5	2.8	61.2	7.9	144	4.6	0.2	1.4	57
536722	Drill Core	4.76	19.7	222.8	19.0	590	0.7	3.0	14.7	1083	4.26	9.0	1.9	47.6	7.5	113	2.2	0.2	1.7	50
536723	Drill Core	5.06	12.8	603.0	106.9	2393	2.2	2.8	10.1	1404	4.42	13.9	2.4	159.6	7.2	120	8.9	0.2	4.1	52
536724	Drill Core	4.45	13.4	322.0	57.9	434	1.1	2.9	9.7	1451	3.73	32.9	1.7	42.6	4.8	103	1.5	0.3	3.0	48

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 6 of 7 Part 2

CERTIFICATE OF ANALYSIS

SMI10000314.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
536695	Drill Core	1.43	0.067	8	3	0.84	58	0.003	3	1.05	0.033	0.26	0.1	<0.01	2.1	<0.1	2.11	3	1.2	2.2	0.111
536696	Drill Core	1.40	0.068	8	3	0.83	64	0.004	4	1.00	0.032	0.25	0.1	<0.01	1.9	<0.1	2.21	3	1.4	3.0	0.106
536697	Drill Core	1.66	0.072	7	3	0.90	100	0.001	4	0.63	0.040	0.23	<0.1	<0.01	2.6	<0.1	1.39	2	0.6	1.0	1.413
536698	Drill Core	0.88	0.069	5	3	0.88	44	0.001	3	0.43	0.018	0.22	<0.1	<0.01	1.1	<0.1	3.15	1	4.4	1.2	
536699	Drill Core	0.88	0.058	3	3	0.95	44	<0.001	2	0.41	0.020	0.22	<0.1	<0.01	1.5	<0.1	2.83	<1	2.2	6.0	
536700	Drill Core	2.06	0.023	1	2	0.86	32	<0.001	8	0.41	0.056	0.22	<0.1	<0.01	2.6	<0.1	2.47	1	1.6	4.4	
536701	Drill Core	2.71	0.026	2	2	0.91	105	<0.001	8	0.44	0.067	0.22	<0.1	<0.01	3.3	<0.1	0.82	2	0.8	1.0	
536702	Drill Core	2.28	0.027	2	3	0.76	51	<0.001	10	0.60	0.065	0.21	<0.1	<0.01	3.7	<0.1	1.25	2	1.0	0.6	
536703	Drill Core	1.98	0.060	5	4	0.74	65	0.001	12	0.61	0.076	0.25	<0.1	<0.01	3.8	<0.1	1.45	3	0.9	0.8	
536704	Drill Core	1.68	0.037	2	5	0.74	124	<0.001	12	0.56	0.070	0.29	<0.1	<0.01	4.3	<0.1	0.81	2	0.6	1.3	
536705	Drill Core	2.40	0.076	13	4	0.90	134	0.010	6	1.33	0.078	0.29	<0.1	<0.01	3.7	<0.1	1.07	7	0.6	0.5	
536706	Drill Core	1.99	0.078	12	3	0.84	58	0.007	5	1.00	0.058	0.33	0.1	<0.01	2.6	<0.1	2.22	4	1.5	4.4	
536707	Drill Core	1.18	0.069	8	3	0.70	46	0.002	3	0.78	0.026	0.26	0.1	<0.01	1.4	<0.1	3.00	2	1.1	3.7	
536708	Drill Core	0.76	0.064	4	3	0.48	30	0.001	2	0.40	0.019	0.22	0.2	<0.01	0.9	<0.1	5.07	<1	5.1	2.4	
536709	Drill Core	1.43	0.075	10	3	1.00	62	0.003	2	1.09	0.029	0.25	0.1	<0.01	2.2	<0.1	2.08	3	1.1	1.2	
536710	Rock Pulp	1.58	0.063	15	62	0.75	60	0.030	4	1.32	0.047	0.47	2.0	0.08	4.5	0.2	1.53	4	3.0	<0.2	0.168
536711	Drill Core	0.87	0.082	13	4	1.14	63	0.005	2	1.83	0.022	0.24	0.2	<0.01	1.7	<0.1	2.52	4	0.8	2.8	
536712	Drill Core	1.00	0.068	10	3	0.72	28	0.003	2	1.18	0.027	0.23	0.2	<0.01	1.3	<0.1	4.02	3	2.5	3.0	0.214
536713	Drill Core	0.58	0.057	9	3	0.51	17	0.003	2	0.85	0.019	0.21	0.2	0.03	0.7	<0.1	6.61	2	6.2	10.2	0.173
536714	Drill Core	0.91	0.066	11	3	0.95	41	0.005	3	1.47	0.026	0.26	0.2	<0.01	1.5	<0.1	3.35	4	2.8	7.6	0.152
536715	Drill Core	1.37	0.072	15	4	0.76	95	0.010	4	1.31	0.045	0.35	0.2	<0.01	2.0	0.1	1.59	5	1.7	1.7	0.103
536716	Drill Core	1.52	0.084	12	3	0.53	23	0.005	4	0.95	0.055	0.31	0.2	<0.01	1.6	0.1	3.74	3	5.0	1.9	
536717	Drill Core	1.54	0.072	12	4	1.10	86	0.027	3	1.44	0.058	0.17	0.1	<0.01	2.9	<0.1	1.08	9	<0.5	1.4	
536718	Drill Core	1.15	0.073	12	4	0.85	39	0.012	3	1.27	0.058	0.30	0.1	0.01	2.2	0.2	2.56	6	2.6	6.1	0.773
536719	Drill Core	0.79	0.065	8	3	0.50	12	0.007	3	0.83	0.043	0.24	0.1	0.04	1.5	<0.1	7.05	4	8.0	9.3	0.482
536720	Drill Core	0.98	0.073	12	4	0.95	61	0.016	4	1.34	0.069	0.24	<0.1	<0.01	2.5	<0.1	1.81	7	1.4	0.7	0.092
536721	Drill Core	1.14	0.071	13	5	0.98	102	0.018	3	1.40	0.068	0.19	0.2	<0.01	2.9	0.1	0.92	8	<0.5	0.6	
536722	Drill Core	1.06	0.068	12	4	0.78	34	0.016	2	1.00	0.066	0.17	0.2	<0.01	3.0	<0.1	2.60	6	3.3	1.2	
536723	Drill Core	1.13	0.081	14	4	0.89	52	0.015	3	0.97	0.065	0.22	0.3	0.02	3.3	<0.1	2.28	7	2.5	3.1	0.127
536724	Drill Core	2.45	0.065	9	4	1.09	31	0.001	3	0.40	0.055	0.15	0.2	0.02	3.0	<0.1	1.48	2	1.3	0.3	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 7 of 7 Part 1

CERTIFICATE OF ANALYSIS

SMI10000314.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
536725	Rock Pulp	0.450	0.09	228.5	4252	40.5	146	2.2	23.6	18.8	503	4.25	103.1	0.6	442.0	1.7	32	0.8	5.7	0.6	78
536726	Drill Core		4.88	9.1	222.9	313.1	681	0.7	4.0	9.4	1456	3.52	39.5	3.6	13.2	3.7	120	2.4	0.3	1.4	42
536727	Drill Core		5.37	8.7	221.8	227.5	1059	0.9	2.8	9.0	1259	3.03	20.6	2.7	19.0	4.2	86	3.7	0.2	1.6	52
536728	Drill Core		4.94	6.5	191.0	15.5	107	0.3	2.6	9.9	1165	2.87	7.7	1.6	9.9	6.5	118	0.2	0.1	0.5	56
536729	Drill Core		4.86	7.2	276.3	25.7	286	0.7	2.6	10.2	1310	4.73	11.8	2.0	19.4	6.5	100	0.8	0.1	2.1	48
536730	Drill Core		4.81	13.4	183.3	57.4	161	0.4	2.2	7.4	1204	2.66	4.9	1.5	7.8	5.1	130	0.3	<0.1	0.6	52
536731	Drill Core		4.88	15.6	329.5	16.5	82	0.7	3.2	10.1	962	4.23	12.9	2.8	57.4	5.3	96	0.1	0.2	1.9	36
536732	Drill Core		5.35	8.2	273.9	10.4	71	0.4	2.7	8.2	840	2.87	5.3	1.7	13.4	4.6	95	<0.1	0.1	0.6	47
536733	Drill Core		5.48	8.8	200.9	8.3	75	0.4	2.4	8.1	979	2.97	5.9	0.9	14.8	5.2	129	0.1	<0.1	0.7	41
536734	Drill Core		5.04	8.2	303.3	8.7	78	0.7	2.4	8.6	861	2.64	7.6	0.8	29.7	3.9	125	<0.1	<0.1	1.7	43
536735	Drill Core		4.81	10.7	311.7	8.9	57	0.5	2.5	11.2	840	3.40	10.7	1.8	21.7	5.1	117	<0.1	<0.1	1.1	36
536736	Drill Core		6.22	7.8	355.3	7.2	83	0.4	2.1	8.7	752	2.76	7.6	1.3	24.1	5.6	135	0.2	<0.1	0.9	38



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 7 of 7 Part 2

CERTIFICATE OF ANALYSIS

SMI10000314.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
536725	Rock Pulp	0.42	0.090	9	29	0.61	33	0.057	3	0.99	0.022	0.59	1.0	0.09	5.3	0.5	2.26	4	7.3	0.6	0.413
536726	Drill Core	2.18	0.052	6	4	0.90	26	<0.001	4	0.43	0.062	0.20	0.1	0.03	3.1	<0.1	1.08	2	1.2	0.7	
536727	Drill Core	3.02	0.067	8	3	1.19	23	0.001	3	0.39	0.050	0.15	0.1	0.07	3.2	<0.1	0.82	2	0.9	0.6	
536728	Drill Core	1.90	0.073	12	4	0.83	34	0.002	3	0.42	0.068	0.16	0.2	<0.01	3.4	<0.1	0.47	3	0.7	<0.2	
536729	Drill Core	1.20	0.072	12	4	0.85	31	0.003	3	0.56	0.062	0.20	0.4	0.02	3.0	0.1	2.38	4	2.0	0.5	
536730	Drill Core	2.05	0.073	14	4	0.99	36	0.003	3	0.46	0.068	0.15	0.2	<0.01	3.3	<0.1	0.26	3	<0.5	<0.2	
536731	Drill Core	1.52	0.077	11	3	0.88	28	0.002	3	0.42	0.063	0.20	0.3	0.01	2.6	<0.1	2.47	2	1.3	0.5	
536732	Drill Core	1.65	0.076	13	4	0.67	37	0.002	5	0.50	0.078	0.20	0.4	<0.01	3.1	<0.1	0.67	3	<0.5	<0.2	
536733	Drill Core	1.79	0.073	8	<1	0.65	43	0.002	4	0.51	0.077	0.23	0.4	<0.01	3.1	0.1	0.62	2	<0.5	0.4	
536734	Drill Core	1.94	0.065	7	3	0.76	47	0.001	5	0.61	0.079	0.23	0.2	<0.01	3.5	<0.1	0.47	2	0.5	0.9	
536735	Drill Core	2.50	0.071	10	3	0.81	45	0.001	4	0.53	0.072	0.21	0.2	<0.01	2.9	<0.1	1.92	3	2.4	1.1	
536736	Drill Core	2.07	0.073	11	3	0.63	102	0.001	5	0.62	0.074	0.24	0.1	<0.01	3.1	<0.1	0.96	3	0.9	0.5	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
Report Date: August 13, 2010

Page: 1 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000314.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																				
536596	Drill Core	4.12	2.8	24.8	5.3	27	<0.1	1.9	5.5	400	2.32	11.3	2.4	0.7	6.1	188	<0.1	0.1	<0.1	65
REP 536596	QC		2.9	26.4	5.4	28	<0.1	1.9	5.8	428	2.37	11.5	2.5	<0.5	6.0	194	<0.1	0.1	<0.1	66
536635	Drill Core	2.46	2.6	429.4	4.0	50	0.6	4.9	9.7	915	3.59	11.7	1.4	59.5	4.5	180	<0.1	0.2	1.1	63
REP 536635	QC		2.7	438.3	4.1	50	0.6	5.3	10.0	932	3.63	11.4	1.4	50.3	4.5	179	<0.1	0.2	1.1	65
536646	Drill Core	4.88	1.3	101.6	4.1	48	0.2	2.6	13.8	808	3.00	11.2	0.6	5.0	1.4	142	0.1	0.1	0.6	51
REP 536646	QC		1.5	100.7	3.9	44	0.2	2.8	13.9	789	2.97	10.7	0.6	3.7	1.3	141	<0.1	<0.1	0.5	50
536680	Drill Core	5.37	2.9	149.3	16.3	73	0.3	2.5	11.9	574	2.12	4.9	3.0	22.5	7.6	88	0.1	0.2	0.7	40
REP 536680	QC		2.7	155.0	16.9	72	0.3	2.5	12.0	560	2.16	4.6	3.0	20.4	7.8	88	0.1	0.1	0.7	41
536713	Drill Core	5.26	30.2	1028	25.3	291	3.1	2.6	17.0	880	7.59	32.2	2.7	212.2	5.6	178	1.2	0.2	17.7	8
REP 536713	QC		28.6	1011	25.5	295	2.8	2.4	16.5	873	7.39	31.0	2.6	184.8	5.7	175	1.0	0.1	17.3	8
Core Reject Duplicates																				
536586	Drill Core	5.04	2.7	105.5	5.8	37	0.3	3.1	8.4	725	2.87	16.5	2.6	17.5	5.9	163	<0.1	0.1	0.3	68
DUP 536586	QC		2.5	102.5	5.8	39	0.2	2.5	8.4	714	2.87	16.0	2.5	21.9	5.8	160	<0.1	0.1	0.3	68
536621	Drill Core	4.71	3.2	80.0	3.7	50	0.2	3.4	13.8	1036	3.36	6.7	1.9	6.3	5.1	137	<0.1	0.1	1.0	65
DUP 536621	QC		2.9	82.5	3.5	51	0.2	3.3	13.3	1022	3.36	6.8	1.8	6.3	5.1	138	<0.1	0.1	1.0	65
536656	Drill Core	4.68	8.7	153.1	5.8	110	0.4	2.5	10.7	2388	6.44	22.0	1.4	19.3	3.5	112	0.1	0.2	1.5	45
DUP 536656	QC		8.6	156.6	5.8	110	0.4	2.9	10.3	2407	6.30	22.4	1.4	17.4	3.5	112	<0.1	0.2	1.4	45
536691	Drill Core	4.88	14.5	968.0	10.0	235	1.8	2.9	10.7	1846	6.94	24.4	2.2	206.4	4.4	51	0.6	0.1	4.7	22
DUP 536691	QC		16.7	1024	10.8	245	1.9	3.2	11.4	1925	7.29	25.5	2.4	176.4	4.5	55	0.6	<0.1	4.9	23
536726	Drill Core	4.88	9.1	222.9	313.1	681	0.7	4.0	9.4	1456	3.52	39.5	3.6	13.2	3.7	120	2.4	0.3	1.4	42
DUP 536726	QC		9.6	220.2	311.4	759	0.7	3.5	8.6	1427	3.49	41.1	3.7	11.4	3.6	122	2.6	0.4	1.5	41
Reference Materials																				
STD DS7	Standard		21.6	105.5	71.3	406	1.0	52.7	9.2	613	2.36	54.0	4.9	64.3	4.4	83	6.5	6.4	4.9	80
STD DS7	Standard		21.7	111.7	73.6	414	1.0	54.0	8.8	655	2.42	55.1	5.0	72.2	4.8	86	6.5	6.4	5.0	82
STD DS7	Standard		21.5	111.8	73.1	432	1.1	53.7	9.7	652	2.45	55.7	5.2	156.9	4.8	86	6.3	6.5	5.0	80
STD DS7	Standard		21.7	113.3	77.3	425	1.0	56.8	9.8	661	2.54	56.7	5.4	66.6	5.0	85	6.4	6.9	5.2	84
STD DS7	Standard		21.0	105.8	64.6	388	0.9	56.9	9.1	634	2.41	54.8	4.6	66.3	4.4	69	6.5	6.0	4.5	81
STD DS7	Standard		21.8	106.3	64.0	404	0.9	56.2	9.4	659	2.45	56.8	4.6	68.9	4.3	76	6.5	5.9	4.5	81



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
Report Date: August 13, 2010

Page: 1 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000314.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
MDL		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
Pulp Duplicates																					
536596	Drill Core	1.40	0.084	8	4	0.44	46	0.107	3	1.45	0.141	0.11	0.3	<0.01	1.6	<0.1	0.10	6	<0.5	<0.2	
REP 536596	QC	1.44	0.080	9	4	0.45	49	0.111	3	1.51	0.145	0.11	0.3	<0.01	1.7	<0.1	0.10	6	<0.5	<0.2	
536635	Drill Core	1.87	0.092	10	6	1.23	128	0.082	6	1.70	0.102	0.16	0.3	<0.01	3.5	<0.1	0.95	9	<0.5	0.5	
REP 536635	QC	1.89	0.094	10	8	1.23	125	0.082	6	1.69	0.104	0.16	0.3	<0.01	3.5	<0.1	0.97	9	<0.5	<0.2	
536646	Drill Core	3.10	0.017	2	3	0.99	326	<0.001	15	0.37	0.069	0.19	<0.1	<0.01	4.7	<0.1	0.48	2	<0.5	0.4	
REP 536646	QC	3.06	0.017	2	3	0.97	315	<0.001	14	0.36	0.068	0.19	<0.1	<0.01	4.6	<0.1	0.48	1	<0.5	0.4	
536680	Drill Core	0.79	0.069	8	6	0.67	101	0.046	1	0.81	0.065	0.10	0.3	<0.01	2.0	<0.1	0.70	5	0.5	0.3	
REP 536680	QC	0.80	0.067	8	5	0.69	98	0.046	2	0.81	0.066	0.11	0.3	<0.01	2.0	<0.1	0.72	5	0.6	0.6	
536713	Drill Core	0.58	0.057	9	3	0.51	17	0.003	2	0.85	0.019	0.21	0.2	0.03	0.7	<0.1	6.61	2	6.2	10.2	0.173
REP 536713	QC	0.57	0.055	8	3	0.50	16	0.003	2	0.84	0.019	0.21	0.2	<0.01	0.7	<0.1	6.64	2	5.5	8.8	
Core Reject Duplicates																					
536586	Drill Core	1.10	0.080	9	5	0.86	45	0.148	2	1.34	0.134	0.12	0.4	<0.01	3.2	<0.1	0.69	7	<0.5	<0.2	
DUP 536586	QC	1.12	0.082	9	4	0.86	42	0.144	2	1.31	0.135	0.11	0.4	<0.01	3.1	<0.1	0.67	7	0.7	0.6	
536621	Drill Core	1.05	0.096	9	7	1.08	94	0.127	2	1.54	0.159	0.16	0.3	<0.01	3.5	<0.1	1.17	8	0.6	1.1	
DUP 536621	QC	1.05	0.091	9	7	1.08	88	0.125	3	1.54	0.152	0.16	0.3	<0.01	3.4	<0.1	1.17	8	0.6	0.3	
536656	Drill Core	2.00	0.045	5	3	1.12	46	<0.001	12	0.53	0.061	0.21	0.1	0.02	3.7	0.2	2.58	3	0.5	0.7	
DUP 536656	QC	2.00	0.048	5	3	1.12	47	<0.001	12	0.53	0.060	0.20	0.1	0.02	3.7	0.1	2.51	3	<0.5	0.7	
536691	Drill Core	0.69	0.073	11	4	1.13	35	0.005	2	2.00	0.016	0.19	0.1	<0.01	0.9	<0.1	3.72	5	1.4	1.7	0.204
DUP 536691	QC	0.71	0.070	11	5	1.17	34	0.005	2	2.09	0.017	0.24	0.1	<0.01	1.1	<0.1	3.87	5	1.8	2.7	
536726	Drill Core	2.18	0.052	6	4	0.90	26	<0.001	4	0.43	0.062	0.20	0.1	0.03	3.1	<0.1	1.08	2	1.2	0.7	
DUP 536726	QC	2.18	0.052	6	3	0.89	30	<0.001	5	0.46	0.062	0.21	0.2	0.04	3.1	0.1	1.05	2	1.4	0.4	
Reference Materials																					
STD DS7	Standard	0.95	0.077	13	198	1.04	419	0.139	35	1.02	0.094	0.48	3.8	0.20	2.5	4.1	0.19	5	3.9	1.8	
STD DS7	Standard	0.99	0.079	14	209	1.08	428	0.136	39	1.07	0.099	0.49	4.0	0.26	2.5	4.1	0.19	5	3.5	1.6	
STD DS7	Standard	0.98	0.081	14	203	1.07	427	0.137	38	1.05	0.098	0.45	4.1	0.23	2.5	4.1	0.20	5	3.3	0.6	
STD DS7	Standard	1.03	0.085	14	199	1.10	431	0.143	39	1.10	0.103	0.50	4.1	0.25	2.6	4.2	0.20	5	2.8	1.1	
STD DS7	Standard	0.96	0.079	13	192	1.06	413	0.113	42	1.04	0.094	0.46	3.9	0.24	2.3	4.4	0.20	5	3.1	1.0	
STD DS7	Standard	0.99	0.079	14	205	1.09	410	0.113	41	1.07	0.098	0.46	4.0	0.23	2.3	4.2	0.20	5	3.4	1.4	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000314.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
STD DS7	Standard			19.3	102.4	67.4	378	0.9	54.8	8.8	627	2.38	50.5	4.9	66.6	4.4	73	6.1	5.2	4.3	82
STD DS7	Standard			18.7	94.6	60.8	351	0.8	50.5	8.1	594	2.23	47.1	4.8	59.5	4.2	69	5.8	5.2	4.1	77
STD DS7	Standard			23.3	116.6	74.7	408	1.0	59.1	10.2	664	2.49	50.6	5.4	69.3	5.2	85	6.0	6.0	5.0	86
STD DS7	Standard			20.9	111.3	71.7	391	1.0	55.0	9.4	625	2.39	48.7	5.2	71.9	5.1	80	5.8	5.7	4.7	83
STD DS7	Standard			21.1	105.7	64.0	400	1.0	55.3	9.5	645	2.46	54.9	4.6	67.2	4.6	79	6.4	6.1	4.7	87
STD DS7	Standard			22.2	103.7	61.8	395	1.0	57.0	9.8	672	2.50	54.4	4.4	60.6	4.5	82	6.5	6.3	4.4	85
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD R4A	Standard	0.519																			
STD R4A	Standard	0.517																			
STD R4A	Standard	0.511																			
STD R4A	Standard	0.513																			
STD R4A Expected		0.502																			
STD OXH66 Expected																					
STD OXK79 Expected																					
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	4.0	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	0.4	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000314.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
STD DS7	Standard	0.96	0.073	12	193	1.04	383	0.111	41	1.02	0.096	0.45	3.5	0.20	2.2	4.0	0.19	5	2.9	1.4		
STD DS7	Standard	0.91	0.069	12	193	0.99	370	0.110	32	0.97	0.092	0.41	3.1	0.18	2.1	3.6	0.18	4	2.9	1.2		
STD DS7	Standard	1.03	0.075	14	220	1.10	397	0.152	42	1.09	0.102	0.49	3.9	0.22	2.6	4.3	0.20	5	3.1	1.1		
STD DS7	Standard	0.98	0.073	13	201	1.05	382	0.137	42	1.05	0.096	0.47	3.4	0.24	2.4	3.8	0.19	5	3.4	0.7		
STD DS7	Standard	1.02	0.079	14	227	1.10	407	0.126	41	1.10	0.103	0.50	4.0	0.26	2.3	4.1	0.21	5	3.8	0.9		
STD DS7	Standard	1.02	0.082	13	235	1.09	415	0.128	36	1.05	0.103	0.51	3.8	0.21	2.3	4.0	0.20	5	3.4	1.2		
STD OXH66	Standard																				1.219	
STD OXH66	Standard																					1.306
STD OXK79	Standard																					3.395
STD OXK79	Standard																					3.624
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A Expected																						
STD OXH66 Expected																						1.285
STD OXK79 Expected																						3.532
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08		
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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																					
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-154
 Report Date: August 13, 2010

Page: 3 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000314.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
Prep Wash																					
G1	Prep Blank			0.1	3.1	3.5	46	<0.1	3.1	4.2	546	1.90	<0.5	2.0	<0.5	6.0	61	<0.1	<0.1	<0.1	36
G1	Prep Blank			0.3	3.9	3.5	47	<0.1	4.0	4.6	548	1.98	<0.5	2.0	1.8	6.6	67	<0.1	<0.1	<0.1	37



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-154

Report Date: August 13, 2010

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000314.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<1	<0.5	<0.2		
Prep Wash																					
G1	Prep Blank	0.56	0.085	13	12	0.57	180	0.147	<1	0.98	0.097	0.56	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.59	0.087	14	11	0.57	179	0.150	2	1.01	0.109	0.56	<0.1	<0.01	2.2	0.3	<0.05	4	<0.5	<0.2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: July 26, 2010
Report Date: August 11, 2010
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI10000322.1

CLIENT JOB INFORMATION

Project: Kwanika-156
Shipment ID: 2010-07
P.O. Number
Number of Samples: 149

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
7AR	19	1:1:1 Aqua Regia Digestion ICP-ES Finish	1	Completed	VAN
R200-250	145	Crush split and pulverize 250g drill core to 200 mesh			SMI
1DX2	149	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G601	14	Fire Assay fusion Au by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-156
 Report Date: August 11, 2010

Page: 2 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000322.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
536737	Drill Core		5.54	12.0	494.8	161.2	247	0.7	8.0	5.2	724	1.48	47.8	1.5	13.7	3.5	139	1.4	0.3	0.8	55
536738	Drill Core		2.78	2.9	152.1	35.9	148	0.3	69.0	26.7	1590	3.88	5.9	0.8	8.8	1.6	631	0.1	0.1	0.5	122
536739	Drill Core		4.85	8.7	772.6	22.8	115	0.9	6.6	7.1	1151	2.86	3.8	1.5	26.8	4.9	225	0.4	0.2	0.7	84
536740	Rock		0.23	1.0	33.3	6.6	49	<0.1	24.3	7.4	422	2.34	5.7	0.7	2.6	3.5	45	0.2	0.5	<0.1	47
536741	Drill Core		4.30	17.3	1169	24.4	161	1.4	2.4	6.8	1515	4.02	2.9	1.5	54.3	4.9	126	0.7	<0.1	0.9	93
536742	Drill Core		4.69	31.7	993.6	15.5	74	1.1	2.0	4.2	737	1.85	2.7	1.3	13.7	5.3	101	0.4	<0.1	1.5	80
536743	Drill Core		4.24	8.1	1213	14.6	117	1.3	2.8	4.1	1109	2.58	2.2	1.3	21.4	5.6	81	0.3	<0.1	0.6	103
536744	Drill Core		4.61	17.7	1991	21.6	138	2.0	2.7	5.9	1467	3.51	3.6	1.4	129.3	5.4	79	0.3	<0.1	0.8	111
536745	Drill Core	0.233	3.76	68.5	2309	23.9	114	2.5	2.4	5.2	1287	3.06	2.5	1.4	355.8	5.3	75	0.5	<0.1	1.2	92
536746	Drill Core		3.79	6.3	1272	4.1	181	1.2	3.0	8.5	1208	4.69	2.0	1.1	122.6	4.5	42	0.6	<0.1	0.6	102
536747	Drill Core		5.11	14.7	1199	1.4	97	1.1	2.8	12.0	1212	5.46	2.2	1.1	106.7	4.2	39	0.1	<0.1	0.5	89
536748	Drill Core		3.08	9.6	1172	2.3	75	1.1	2.4	12.6	1111	5.61	3.5	1.5	54.1	4.2	98	0.1	<0.1	0.4	109
536749	Drill Core		3.94	31.2	236.4	6.6	55	0.3	2.1	2.9	858	1.44	2.7	0.9	6.0	4.0	112	0.1	<0.1	0.3	83
536750	Drill Core		4.61	20.9	516.4	52.3	117	0.7	2.8	4.1	972	1.54	4.8	1.1	8.7	5.9	169	0.3	<0.1	0.8	104
536751	Drill Core		4.03	21.7	773.5	27.2	145	0.8	2.2	4.4	1396	2.35	3.5	1.1	12.7	4.6	172	0.5	<0.1	0.6	94
536752	Drill Core		4.05	3.7	654.8	7.2	68	0.6	2.3	3.8	822	2.09	3.1	1.2	15.0	5.5	113	0.1	<0.1	0.4	83
536753	Drill Core		4.40	2.7	219.8	7.9	117	0.2	2.6	3.8	1588	2.31	3.8	1.2	5.1	6.6	198	0.2	<0.1	0.3	94
536754	Drill Core		5.02	29.2	1403	6.8	87	1.3	2.2	8.5	1109	3.58	3.6	1.1	26.1	6.3	97	0.2	<0.1	0.5	83
536755	Drill Core		1.93	116.4	950.6	6.6	50	0.9	1.3	3.4	635	2.57	2.6	1.0	18.0	6.7	98	0.1	<0.1	0.5	78
536756	Drill Core		2.32	130.7	836.7	5.9	44	0.8	1.2	3.0	584	2.22	2.6	1.0	17.0	6.1	102	0.1	<0.1	0.5	72
536757	Drill Core	0.212	4.40	413.6	2086	4.0	34	1.8	1.5	7.4	387	3.71	4.7	1.1	231.9	5.6	73	0.3	<0.1	1.3	78
536758	Drill Core		3.79	22.8	1361	10.7	62	1.3	26.9	10.0	724	4.44	6.6	1.6	75.4	4.3	205	0.1	<0.1	2.1	88
536759	Drill Core		3.97	30.8	1562	9.8	64	1.4	2.0	5.2	662	4.00	3.7	1.5	20.8	4.3	109	0.4	<0.1	0.7	82
536760	Drill Core	0.225	4.34	59.8	2227	51.8	66	2.1	2.4	10.2	638	4.16	6.0	1.9	30.0	5.2	202	0.8	0.1	1.2	77
536761	Drill Core		4.92	14.7	1448	4.8	49	1.5	2.1	7.3	501	3.97	2.5	1.6	53.0	5.6	64	0.1	<0.1	1.0	71
536762	Drill Core		4.58	25.3	1849	4.8	53	1.8	2.0	7.5	577	3.78	3.4	1.3	62.1	4.9	82	0.2	<0.1	1.0	68
536763	Drill Core		4.45	99.6	945.6	3.7	62	0.9	1.9	6.1	771	3.40	2.7	1.1	31.0	4.4	77	0.1	<0.1	0.7	69
536764	Drill Core		4.57	37.1	1608	4.5	85	1.6	2.4	11.2	924	4.72	3.3	1.0	53.7	4.7	80	<0.1	<0.1	0.9	85
536765	Drill Core		4.89	20.3	788.7	10.3	74	0.9	2.1	10.1	912	3.39	3.9	0.9	26.7	4.2	94	0.1	<0.1	0.7	82
536766	Drill Core		4.24	53.9	1865	10.0	76	2.0	2.0	5.1	960	3.15	10.9	1.0	30.4	4.9	90	0.3	<0.1	1.1	75

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-156
 Report Date: August 11, 2010

Page: 2 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000322.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
536737	Drill Core	1.94	0.045	3	22	0.75	187	0.006	4	0.38	0.028	0.18	0.4	0.04	3.6	<0.1	0.21	2	0.6	<0.2	
536738	Drill Core	4.00	0.128	5	157	2.86	50	0.098	4	1.97	0.039	0.12	0.2	<0.01	10.4	<0.1	0.10	10	<0.5	<0.2	
536739	Drill Core	1.52	0.060	5	17	1.02	65	0.026	2	0.70	0.031	0.28	0.5	<0.01	2.5	<0.1	0.53	5	0.7	<0.2	
536740	Rock	0.52	0.085	11	29	0.56	155	0.095	2	1.05	0.093	0.15	0.1	0.01	3.0	0.1	<0.05	4	<0.5	<0.2	
536741	Drill Core	0.97	0.063	7	6	1.01	73	0.046	2	1.16	0.027	0.57	0.5	<0.01	2.4	0.2	1.00	7	1.0	0.4	
536742	Drill Core	1.37	0.067	7	8	0.43	97	0.021	2	0.43	0.060	0.17	0.4	<0.01	2.6	<0.1	0.58	3	0.8	<0.2	
536743	Drill Core	0.90	0.070	9	6	0.74	92	0.044	2	0.92	0.041	0.49	0.4	<0.01	2.5	0.1	0.31	7	0.8	<0.2	
536744	Drill Core	0.70	0.071	10	6	0.88	106	0.058	4	1.27	0.041	0.69	0.5	0.01	2.4	0.3	0.80	8	1.2	<0.2	0.146
536745	Drill Core	0.71	0.067	6	6	0.80	111	0.053	2	1.05	0.035	0.58	0.5	<0.01	2.5	0.2	0.72	7	0.9	0.2	0.354
536746	Drill Core	0.39	0.072	6	6	0.89	77	0.075	2	1.49	0.033	0.90	0.4	0.01	2.2	0.4	1.07	8	1.0	<0.2	0.132
536747	Drill Core	0.37	0.065	6	6	0.91	64	0.060	2	1.48	0.025	0.77	0.4	<0.01	1.9	0.4	0.73	9	0.9	<0.2	0.111
536748	Drill Core	0.56	0.044	8	6	0.84	66	0.042	2	1.12	0.031	0.49	0.3	<0.01	1.8	0.2	0.82	8	0.7	0.3	
536749	Drill Core	1.09	0.087	7	7	0.55	110	0.020	2	0.49	0.036	0.27	0.2	<0.01	2.5	<0.1	0.14	4	<0.5	<0.2	
536750	Drill Core	1.15	0.068	11	7	0.64	144	0.021	2	0.46	0.049	0.27	0.3	<0.01	3.6	<0.1	0.16	4	0.6	<0.2	
536751	Drill Core	1.28	0.071	9	5	0.88	134	0.036	3	0.74	0.035	0.43	0.4	0.01	3.0	0.2	0.42	5	0.7	<0.2	
536752	Drill Core	0.74	0.059	7	9	0.56	100	0.028	2	0.58	0.042	0.36	0.6	<0.01	2.2	0.1	0.26	4	<0.5	<0.2	
536753	Drill Core	1.71	0.080	9	5	0.83	154	0.026	3	0.70	0.051	0.34	0.3	<0.01	3.4	<0.1	0.32	4	0.5	<0.2	
536754	Drill Core	0.73	0.061	13	7	0.63	89	0.029	3	0.75	0.044	0.42	0.5	<0.01	2.0	0.1	0.49	5	0.9	<0.2	
536755	Drill Core	0.87	0.049	17	6	0.44	77	0.014	2	0.42	0.030	0.23	0.4	<0.01	1.6	<0.1	0.39	3	1.1	<0.2	
536756	Drill Core	0.99	0.045	15	7	0.40	78	0.012	2	0.36	0.033	0.20	0.4	<0.01	1.5	<0.1	0.34	2	1.0	<0.2	
536757	Drill Core	0.54	0.041	16	6	0.35	51	0.011	2	0.42	0.024	0.27	0.7	0.01	1.2	<0.1	0.88	3	1.7	<0.2	0.258
536758	Drill Core	1.51	0.062	10	66	0.82	69	0.018	2	0.83	0.031	0.35	0.6	0.02	4.2	0.1	0.67	5	1.0	0.3	
536759	Drill Core	0.86	0.046	8	7	0.56	46	0.023	1	0.52	0.036	0.30	0.9	<0.01	1.9	<0.1	0.46	4	0.9	<0.2	
536760	Drill Core	1.57	0.036	7	8	0.61	84	0.019	2	0.68	0.032	0.29	1.2	<0.01	1.4	0.1	1.02	4	1.6	<0.2	
536761	Drill Core	0.42	0.050	8	7	0.41	96	0.022	1	0.56	0.025	0.33	0.6	<0.01	1.2	0.1	0.57	4	0.7	0.3	
536762	Drill Core	0.55	0.046	10	5	0.48	133	0.018	2	0.59	0.026	0.36	0.4	<0.01	1.3	0.1	0.79	4	1.0	<0.2	
536763	Drill Core	0.62	0.061	13	6	0.59	99	0.021	2	0.55	0.019	0.33	0.5	<0.01	1.4	0.1	0.42	3	0.8	0.3	
536764	Drill Core	0.57	0.059	11	6	0.73	97	0.051	2	1.12	0.033	0.70	0.5	<0.01	1.9	0.3	0.83	7	1.1	0.3	
536765	Drill Core	1.00	0.051	12	7	0.68	126	0.018	2	0.55	0.037	0.33	0.4	<0.01	1.8	0.1	0.66	4	0.8	<0.2	
536766	Drill Core	1.01	0.048	11	6	0.65	88	0.019	3	0.55	0.033	0.36	0.4	0.01	1.9	0.1	0.70	4	1.3	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-156
 Report Date: August 11, 2010

Page: 3 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000322.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
536767	Drill Core	0.314	3.71	72.6	3215	6.8	60	2.6	2.0	8.3	785	2.92	6.3	2.2	46.7	4.4	250	0.4	<0.1	0.7	66
536768	Drill Core	0.246	3.57	21.6	2388	13.1	46	1.9	1.9	4.5	562	1.80	6.2	1.2	37.4	4.7	128	0.3	<0.1	0.7	68
536769	Drill Core	0.218	4.79	30.3	2126	12.1	53	1.8	1.9	4.8	591	1.98	4.6	1.4	28.3	5.6	86	0.3	<0.1	0.8	63
536770	Rock Pulp		0.09	145.8	1704	23.4	63	2.0	15.6	17.2	364	3.80	26.2	4.4	210.7	9.4	68	0.9	7.4	2.6	51
536771	Drill Core		4.77	9.0	1840	7.9	84	1.7	2.3	10.1	975	3.98	4.2	1.2	26.0	4.8	110	0.2	<0.1	0.9	69
536772	Drill Core	0.223	4.84	23.0	2071	13.3	68	1.9	2.2	13.9	730	3.89	3.4	1.2	25.8	5.1	91	0.2	<0.1	1.9	61
536773	Drill Core		5.64	101.5	814.2	5.5	38	0.7	1.4	2.3	682	1.87	19.5	2.2	10.7	3.6	136	<0.1	0.1	0.5	59
536774	Drill Core		5.68	19.1	805.2	51.5	45	0.8	1.6	2.7	620	2.18	6.4	1.1	11.3	4.1	70	0.1	<0.1	0.7	61
536775	Drill Core		3.27	12.4	1040	8.0	48	0.8	2.2	2.6	644	2.89	3.3	1.5	14.0	5.1	51	<0.1	<0.1	0.5	68
536776	Drill Core		4.63	12.2	1036	37.8	39	1.0	1.7	3.2	525	3.09	9.0	1.5	17.6	5.4	78	0.1	<0.1	0.8	67
536777	Drill Core		3.73	27.3	1243	15.4	52	1.0	1.9	4.0	570	2.98	4.7	1.7	20.5	4.5	78	<0.1	<0.1	0.6	67
536778	Drill Core		4.50	46.4	1449	7.2	35	1.1	1.7	3.8	399	2.12	3.2	3.8	15.1	4.1	103	0.3	<0.1	0.4	63
536779	Drill Core		4.56	65.3	1301	12.4	37	1.0	1.8	2.1	515	2.51	2.4	1.4	17.8	3.2	138	0.3	<0.1	0.5	78
536780	Drill Core		4.95	19.5	1558	5.0	44	1.1	2.6	16.3	457	5.52	3.3	1.5	138.6	3.9	39	0.2	<0.1	0.9	78
536781	Drill Core		5.16	11.4	1288	3.8	45	1.0	2.2	3.1	555	3.55	7.7	1.4	32.4	4.1	58	0.2	<0.1	0.5	73
536782	Drill Core		5.37	10.5	1546	7.6	42	1.3	1.7	2.3	447	3.23	33.6	1.9	65.4	4.5	92	0.5	0.1	0.6	61
536783	Drill Core	0.220	4.18	7.8	2090	6.0	45	1.9	1.5	1.8	477	2.67	13.9	1.5	62.8	6.4	92	0.2	<0.1	1.1	52
536784	Drill Core		5.03	20.6	1681	11.6	70	1.7	10.0	5.9	652	3.60	51.5	3.9	15.5	4.2	277	0.5	0.2	0.5	80
536785	Rock Pulp	0.471	0.10	245.1	4450	43.2	153	2.4	22.4	18.4	493	4.32	114.2	0.7	457.0	1.8	35	1.1	6.7	0.6	78
536786	Drill Core		3.79	52.2	1588	7.8	58	1.5	7.9	7.4	628	3.90	17.8	1.2	21.6	3.7	139	0.5	0.1	0.4	84
536787	Drill Core		4.05	11.4	1396	7.9	74	1.3	23.4	10.5	740	4.85	30.4	4.0	290.4	5.6	149	0.3	0.1	0.4	97
536788	Drill Core	0.253	6.88	23.1	2349	6.6	49	2.1	2.1	2.7	467	4.36	23.6	2.4	166.9	5.6	88	0.6	0.1	0.5	70
536789	Drill Core		4.10	0.9	224.0	5.5	66	0.3	22.6	21.5	922	4.15	3.7	1.3	8.9	2.1	219	<0.1	0.2	1.0	132
536790	Drill Core		4.22	1.9	526.6	11.1	65	0.7	16.3	14.3	558	3.36	3.1	1.4	21.7	2.2	146	0.3	0.3	0.7	98
536791	Drill Core	0.254	4.90	14.7	2363	32.1	57	2.2	3.0	2.3	457	4.34	3.0	2.2	432.2	4.6	68	0.3	<0.1	1.0	81
536792	Drill Core		4.33	4.1	1061	9.0	49	1.0	8.8	7.3	505	3.50	3.0	3.6	66.5	4.1	115	0.4	0.1	0.7	84
536793	Drill Core		4.10	13.1	1247	11.3	40	1.1	2.6	1.5	344	3.24	2.5	2.9	94.3	5.6	83	0.2	<0.1	0.8	68
536794	Drill Core	0.256	2.82	18.3	2404	15.9	71	2.1	37.5	7.9	522	4.42	14.8	3.2	119.0	4.7	150	0.4	0.2	1.3	71
536795	Drill Core		1.62	6.1	256.5	9.7	95	0.2	330.2	30.2	1461	5.05	8.2	1.7	5.2	1.0	883	0.2	<0.1	0.2	123
536796	Drill Core		3.87	40.4	1782	10.4	43	1.6	27.7	5.5	608	3.23	12.5	2.2	78.8	3.9	190	0.6	0.1	0.4	91

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-156
 Report Date: August 11, 2010

Page: 3 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000322.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
536767	Drill Core	1.35	0.055	12	5	0.67	77	0.014	1	0.45	0.041	0.28	0.4	<0.01	1.5	<0.1	0.98	3	1.8	0.4	
536768	Drill Core	0.86	0.049	8	6	0.46	84	0.010	2	0.34	0.045	0.21	0.3	<0.01	1.7	<0.1	0.47	2	1.3	<0.2	
536769	Drill Core	0.77	0.057	12	9	0.40	79	0.016	2	0.48	0.057	0.28	0.4	<0.01	1.9	<0.1	0.51	3	1.2	<0.2	
536770	Rock Pulp	1.72	0.068	17	60	0.81	63	0.033	5	1.34	0.049	0.49	1.9	0.10	4.9	0.3	1.68	4	2.7	<0.2	0.218
536771	Drill Core	0.69	0.049	9	4	0.74	62	0.037	3	0.76	0.035	0.50	0.4	0.02	2.0	0.2	1.16	5	1.2	0.3	
536772	Drill Core	0.64	0.047	9	7	0.54	68	0.028	2	0.72	0.038	0.42	0.4	0.02	1.8	0.1	1.42	4	2.1	1.0	
536773	Drill Core	1.79	0.057	10	6	0.62	126	0.013	4	0.38	0.037	0.26	0.3	0.02	1.8	<0.1	0.25	2	0.8	<0.2	
536774	Drill Core	1.27	0.058	8	7	0.57	125	0.016	3	0.40	0.048	0.25	0.4	<0.01	1.8	<0.1	0.41	3	0.5	<0.2	
536775	Drill Core	0.71	0.050	10	6	0.50	94	0.023	2	0.54	0.029	0.33	0.4	0.01	1.8	<0.1	0.45	4	0.6	<0.2	
536776	Drill Core	0.88	0.044	7	4	0.48	93	0.010	1	0.36	0.038	0.22	0.4	0.01	1.7	<0.1	0.55	3	0.5	<0.2	
536777	Drill Core	0.80	0.046	9	6	0.54	70	0.018	<1	0.52	0.040	0.26	0.7	0.01	1.6	<0.1	0.32	4	<0.5	<0.2	
536778	Drill Core	1.56	0.041	8	7	0.35	93	0.015	<1	0.29	0.051	0.15	0.6	0.01	1.6	<0.1	0.64	2	0.9	0.3	
536779	Drill Core	1.67	0.064	11	6	0.59	88	0.029	2	0.59	0.039	0.22	0.8	0.01	1.7	<0.1	0.50	5	<0.5	0.3	
536780	Drill Core	0.62	0.048	6	8	0.57	63	0.026	<1	0.73	0.037	0.24	1.8	0.02	2.0	<0.1	2.00	8	1.6	0.4	0.170
536781	Drill Core	0.96	0.049	7	6	0.57	124	0.029	2	0.59	0.037	0.28	1.0	0.02	2.2	<0.1	0.99	5	1.1	0.4	
536782	Drill Core	1.33	0.043	4	6	0.67	138	0.010	3	0.27	0.036	0.21	0.6	0.03	1.9	<0.1	1.05	2	1.4	<0.2	
536783	Drill Core	0.83	0.046	11	6	0.61	167	0.013	2	0.41	0.031	0.34	0.5	0.02	1.7	0.1	0.41	3	1.3	0.4	
536784	Drill Core	3.33	0.050	6	11	1.48	105	0.007	4	0.30	0.049	0.19	0.2	0.03	3.6	<0.1	1.07	3	1.0	<0.2	
536785	Rock Pulp	0.47	0.103	10	29	0.63	37	0.057	2	1.01	0.022	0.64	1.2	0.11	5.6	0.4	2.28	4	8.3	0.8	0.395
536786	Drill Core	2.08	0.064	7	15	1.02	137	0.021	4	0.37	0.041	0.29	0.5	0.01	3.8	<0.1	0.79	3	0.8	<0.2	
536787	Drill Core	1.93	0.068	7	63	1.20	111	0.033	3	0.64	0.061	0.45	0.5	0.02	9.5	0.1	0.53	6	<0.5	<0.2	0.326
536788	Drill Core	1.21	0.043	10	6	0.64	90	0.016	4	0.33	0.044	0.19	0.7	0.01	2.8	<0.1	1.17	4	1.2	0.2	0.172
536789	Drill Core	3.97	0.120	6	68	1.89	86	0.136	3	1.43	0.099	0.42	0.8	0.02	8.3	0.1	0.25	8	<0.5	<0.2	
536790	Drill Core	1.99	0.106	6	59	1.37	53	0.132	1	1.16	0.096	0.37	0.4	<0.01	4.6	<0.1	0.43	7	0.6	0.4	
536791	Drill Core	0.96	0.051	19	6	0.76	105	0.036	<1	0.96	0.040	0.38	1.3	0.01	2.1	0.1	0.88	8	1.7	0.2	0.404
536792	Drill Core	1.58	0.072	9	30	0.98	71	0.049	1	0.80	0.069	0.23	0.9	<0.01	4.0	<0.1	0.48	7	1.0	0.2	
536793	Drill Core	1.03	0.051	11	7	0.76	157	0.015	1	0.59	0.046	0.22	1.0	0.02	2.1	<0.1	0.51	6	1.0	1.1	
536794	Drill Core	1.69	0.051	6	21	1.07	81	0.012	5	0.54	0.046	0.27	0.6	0.01	3.7	<0.1	1.64	4	2.0	0.8	0.124
536795	Drill Core	8.07	0.094	5	462	4.13	79	0.002	4	0.86	0.225	0.12	0.3	0.01	17.8	<0.1	0.19	5	<0.5	0.4	
536796	Drill Core	2.94	0.047	8	2	1.34	56	0.007	2	0.21	0.057	0.12	0.7	0.02	2.7	<0.1	1.00	2	1.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-156
 Report Date: August 11, 2010

Page: 4 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000322.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
536797	Drill Core	0.251	4.31	78.5	2355	22.2	45	2.4	11.1	2.6	345	3.24	22.2	1.5	54.6	3.8	132	0.5	0.2	1.2	83
536798	Drill Core		4.61	40.2	1822	9.2	51	1.6	5.0	3.0	376	4.07	10.2	1.7	85.4	3.5	79	0.3	0.1	0.7	71
536799	Drill Core		2.46	146.2	572.3	4.3	25	0.5	1.1	0.7	422	1.01	5.0	1.0	6.0	5.6	101	0.2	<0.1	0.2	59
536800	Rock		0.25	0.9	25.1	3.0	53	<0.1	39.8	8.8	393	2.32	2.6	0.6	0.9	2.9	59	0.1	0.3	<0.1	50
536801	Drill Core		3.69	57.6	1265	7.0	50	1.6	2.1	1.4	529	3.48	3.9	1.6	49.4	4.3	129	0.2	<0.1	0.6	79
536802	Drill Core	0.270	4.10	104.2	2490	14.6	57	2.9	3.6	2.3	502	3.73	23.2	6.4	38.3	2.4	370	0.4	0.7	0.7	74
536803	Drill Core		2.60	2.5	102.2	7.0	74	0.2	54.5	23.5	1048	4.18	8.1	0.9	9.1	1.3	652	0.1	0.2	0.2	110
536804	Drill Core	0.250	4.43	31.8	2402	45.9	57	2.6	3.0	5.4	464	3.14	14.7	1.9	31.8	3.7	175	0.8	0.3	1.0	52
536805	Drill Core	0.210	3.02	107.7	2029	17.4	50	1.8	2.5	5.0	434	2.58	5.8	2.1	51.2	5.9	130	0.9	0.2	0.5	63
536806	Drill Core		5.34	1.0	76.0	9.4	48	0.1	16.1	15.5	642	2.86	5.2	4.3	5.6	4.7	155	<0.1	0.3	0.4	86
536807	Drill Core		4.17	1.6	115.8	119.9	66	0.4	22.9	20.6	1043	3.66	5.5	2.1	6.7	2.4	389	0.2	0.2	1.4	107
536808	Drill Core		4.87	19.8	1301	10.0	65	1.2	2.6	6.5	589	2.92	3.4	2.1	26.5	5.1	147	0.3	<0.1	0.5	62
536809	Drill Core	0.232	4.38	20.4	2291	13.4	53	2.3	2.4	1.5	552	2.14	4.6	2.0	37.3	4.9	74	0.4	<0.1	0.6	57
536810	Drill Core	0.290	4.27	49.6	2924	37.2	73	2.9	6.2	6.7	606	3.06	111.4	2.7	64.7	4.7	82	0.4	0.9	0.6	42
536811	Drill Core		4.41	4.5	127.3	13.5	67	0.1	30.2	21.8	926	3.76	6.8	0.7	4.5	1.5	289	0.1	0.2	0.3	113
536812	Drill Core		4.24	4.9	165.3	75.5	67	0.4	52.4	21.8	855	3.58	5.9	0.9	5.3	1.4	392	0.2	0.2	1.0	100
536813	Drill Core		3.07	3.8	248.2	21.9	84	0.3	25.5	22.1	981	3.90	7.5	0.8	11.5	1.5	461	0.2	0.2	0.4	110
536814	Drill Core		3.97	88.6	15.1	6.3	30	<0.1	3.4	2.7	370	0.66	4.5	1.6	1.1	7.1	121	<0.1	0.1	0.1	25
536815	Drill Core		2.20	99.3	11.9	4.4	32	<0.1	1.5	2.0	331	0.53	3.0	1.3	2.1	9.2	52	0.1	<0.1	<0.1	22
536816	Drill Core		2.32	76.5	12.2	3.3	27	<0.1	1.0	1.6	280	0.47	3.0	1.2	2.3	8.3	43	<0.1	<0.1	<0.1	18
536817	Drill Core		4.57	70.8	61.0	3.4	53	<0.1	1.7	5.5	407	0.80	20.1	2.6	5.0	7.2	74	<0.1	0.1	0.1	37
536818	Drill Core		4.64	50.4	58.4	11.2	120	<0.1	2.6	3.4	591	0.90	15.5	1.7	3.2	4.0	99	0.9	0.1	0.1	65
536819	Drill Core		4.35	20.4	93.4	19.9	97	0.2	2.8	3.0	477	0.83	14.8	1.4	4.3	4.4	96	0.3	<0.1	0.2	62
536820	Drill Core		3.94	53.2	65.4	7.8	152	<0.1	2.2	3.5	444	0.76	21.9	2.8	2.8	5.2	87	0.7	0.1	<0.1	56
536821	Drill Core		4.31	39.7	50.4	11.6	63	<0.1	1.7	2.6	408	0.84	8.0	1.7	3.0	3.9	98	0.2	<0.1	0.2	53
536822	Drill Core		4.33	73.0	42.5	8.3	55	<0.1	1.4	1.7	407	0.70	8.1	1.4	2.1	5.6	92	0.1	<0.1	<0.1	55
536823	Drill Core		4.84	102.9	46.0	11.0	67	<0.1	1.9	1.9	398	0.72	5.9	1.0	2.7	4.8	129	0.2	<0.1	<0.1	60
536824	Drill Core		4.77	32.6	125.1	25.5	57	0.2	2.0	10.6	396	1.23	6.7	1.3	2.6	6.0	89	0.1	<0.1	0.3	67
536825	Drill Core		3.58	7.7	103.7	17.3	63	0.1	1.7	5.6	473	1.03	8.6	0.9	2.3	2.9	91	0.3	<0.1	0.1	72
536826	Drill Core		3.94	51.1	301.7	14.7	72	0.3	2.0	35.7	340	3.13	11.5	1.0	7.3	4.4	52	0.4	<0.1	0.4	62

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-156
 Report Date: August 11, 2010

Page: 4 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000322.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
536797	Drill Core	1.56	0.042	9	9	0.84	138	0.005	2	0.29	0.042	0.20	0.5	0.02	2.0	<0.1	1.04	3	1.8	<0.2
536798	Drill Core	0.75	0.043	8	6	0.61	119	0.006	5	0.31	0.033	0.17	0.7	0.03	2.1	<0.1	1.25	3	1.4	0.7
536799	Drill Core	1.56	0.049	19	7	0.62	183	0.005	<1	0.17	0.036	0.16	0.2	<0.01	1.9	<0.1	0.16	1	<0.5	0.2
536800	Rock	0.65	0.095	12	32	0.85	94	0.111	1	1.09	0.103	0.16	<0.1	0.19	4.3	<0.1	<0.05	4	<0.5	<0.2
536801	Drill Core	1.03	0.067	18	5	0.69	204	0.009	1	0.32	0.041	0.20	0.6	<0.01	2.4	<0.1	0.68	3	0.9	0.2
536802	Drill Core	3.17	0.060	10	5	1.51	42	0.005	2	0.21	0.042	0.14	0.6	0.03	2.1	<0.1	1.36	2	1.8	0.2
536803	Drill Core	3.03	0.128	7	175	2.27	42	0.016	3	1.16	0.298	0.12	0.1	<0.01	18.8	<0.1	0.15	6	<0.5	<0.2
536804	Drill Core	1.33	0.054	10	3	0.78	89	0.017	1	0.38	0.084	0.21	0.4	0.02	2.0	<0.1	1.49	3	1.6	<0.2
536805	Drill Core	2.03	0.043	9	6	0.54	109	0.019	1	0.36	0.066	0.15	0.8	0.05	1.7	<0.1	0.96	3	1.3	<0.2
536806	Drill Core	2.23	0.097	5	46	1.29	107	0.102	2	0.94	0.101	0.11	0.4	0.01	4.0	<0.1	0.11	6	<0.5	<0.2
536807	Drill Core	3.85	0.117	7	59	1.83	40	0.055	2	1.11	0.135	0.12	0.2	0.01	7.2	<0.1	0.15	8	<0.5	<0.2
536808	Drill Core	1.18	0.053	11	6	0.74	65	0.013	2	0.45	0.053	0.20	0.6	0.01	2.1	<0.1	1.02	4	0.8	0.3
536809	Drill Core	1.55	0.058	11	6	0.54	124	0.013	1	0.43	0.047	0.17	0.4	<0.01	1.8	<0.1	0.75	3	0.5	<0.2
536810	Drill Core	1.35	0.050	9	4	0.63	72	0.004	6	0.45	0.040	0.27	0.3	0.05	1.7	<0.1	1.36	3	2.4	<0.2
536811	Drill Core	3.80	0.130	6	74	1.46	38	0.031	3	1.09	0.153	0.15	0.3	<0.01	11.0	<0.1	0.21	6	<0.5	0.2
536812	Drill Core	3.61	0.128	5	100	1.80	32	0.039	2	1.04	0.190	0.11	0.1	0.01	9.9	<0.1	0.38	6	<0.5	<0.2
536813	Drill Core	3.79	0.134	6	48	1.56	34	0.012	3	0.98	0.199	0.11	0.2	0.02	11.7	<0.1	0.26	5	<0.5	<0.2
536814	Drill Core	1.84	0.043	4	6	0.73	38	0.002	2	0.24	0.071	0.12	0.1	0.01	1.5	<0.1	<0.05	1	<0.5	<0.2
536815	Drill Core	1.22	0.033	3	7	0.49	113	0.002	2	0.22	0.072	0.11	<0.1	0.01	1.5	<0.1	0.06	1	<0.5	<0.2
536816	Drill Core	1.08	0.026	3	5	0.43	96	0.001	2	0.19	0.066	0.09	<0.1	0.01	1.1	<0.1	0.06	<1	<0.5	<0.2
536817	Drill Core	1.34	0.033	3	7	0.53	239	0.002	3	0.26	0.055	0.12	0.1	0.02	1.7	<0.1	0.26	2	<0.5	<0.2
536818	Drill Core	1.98	0.083	5	7	0.79	151	0.002	3	0.34	0.072	0.15	<0.1	0.02	3.8	<0.1	0.10	2	<0.5	<0.2
536819	Drill Core	1.67	0.058	5	4	0.66	170	0.002	2	0.27	0.060	0.13	<0.1	0.01	3.5	<0.1	0.09	2	<0.5	<0.2
536820	Drill Core	1.14	0.056	6	6	0.50	77	0.002	3	0.40	0.074	0.16	0.1	0.02	3.2	<0.1	0.14	2	<0.5	<0.2
536821	Drill Core	1.54	0.054	8	5	0.71	37	0.002	1	0.20	0.063	0.08	0.1	<0.01	2.6	<0.1	0.25	1	<0.5	<0.2
536822	Drill Core	1.48	0.058	7	8	0.68	43	0.003	2	0.28	0.088	0.12	0.1	<0.01	2.3	<0.1	0.09	2	<0.5	<0.2
536823	Drill Core	1.61	0.059	6	6	0.75	32	0.003	2	0.27	0.081	0.10	0.2	0.02	2.8	<0.1	0.13	2	<0.5	<0.2
536824	Drill Core	1.16	0.067	6	9	0.61	51	0.009	2	0.32	0.093	0.13	0.2	<0.01	2.8	<0.1	0.18	2	<0.5	<0.2
536825	Drill Core	1.83	0.065	5	6	0.78	60	0.005	2	0.22	0.074	0.10	0.2	0.01	2.7	<0.1	0.19	1	<0.5	<0.2
536826	Drill Core	1.32	0.044	7	9	0.60	138	0.003	2	0.25	0.055	0.12	0.3	0.01	1.6	<0.1	0.75	2	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-156
 Report Date: August 11, 2010

Page: 5 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000322.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
536827	Drill Core		3.78	138.9	250.0	8.3	63	0.2	1.7	38.0	371	1.88	11.1	1.2	4.2	3.8	50	0.2	<0.1	0.2	53
536828	Drill Core		4.25	37.4	458.8	11.3	116	0.5	3.1	49.9	496	3.62	20.8	1.2	8.5	4.3	61	0.3	<0.1	0.2	80
536829	Drill Core		4.58	26.7	298.9	12.8	103	0.4	2.6	61.2	442	3.93	14.4	1.3	6.6	4.3	58	0.4	<0.1	0.3	80
536830	Rock Pulp		0.10	145.0	1659	23.5	62	2.0	16.4	16.7	346	3.70	25.4	4.1	318.4	9.9	64	0.9	6.5	2.5	52
536831	Drill Core		4.53	20.9	97.7	5.6	88	0.1	2.0	14.4	441	2.23	15.5	2.8	1.7	3.9	69	0.2	<0.1	0.1	72
536832	Drill Core		4.12	18.3	170.7	7.1	46	0.3	2.5	38.1	365	2.96	12.8	2.7	3.4	4.2	45	0.1	<0.1	0.4	49
536833	Drill Core		5.31	59.8	155.9	10.6	54	0.3	1.8	18.0	372	2.34	33.3	1.2	3.5	4.2	55	<0.1	0.1	0.5	54
536834	Drill Core		4.74	17.6	63.3	3.2	39	0.1	1.5	8.5	328	1.09	22.1	2.5	2.4	6.6	66	0.1	<0.1	0.1	45
536835	Drill Core		2.07	10.1	308.4	4.5	82	0.4	1.7	14.7	330	2.13	63.3	1.4	4.2	4.4	58	0.4	0.2	0.3	44
536836	Drill Core		5.12	24.3	989.8	6.9	71	1.0	3.7	124.3	279	7.11	103.2	0.7	19.2	6.3	40	0.5	0.3	0.5	48
536837	Drill Core		4.65	74.3	463.7	5.1	53	0.5	1.6	39.0	337	4.82	29.4	0.8	10.2	7.4	44	0.2	<0.1	0.1	64
536838	Drill Core		3.49	24.8	394.2	5.6	50	0.4	1.8	24.7	355	2.58	31.7	1.5	8.7	5.1	61	0.2	<0.1	0.3	45
536839	Drill Core		3.75	15.2	288.5	4.5	57	0.3	1.2	21.1	163	2.21	26.7	0.8	4.9	12.0	30	0.9	<0.1	0.1	23
536840	Drill Core		3.74	8.1	188.0	4.5	29	0.3	1.2	13.6	209	1.45	19.9	1.9	33.3	5.1	59	0.3	0.2	0.2	28
536841	Drill Core		4.87	16.6	149.4	6.7	30	0.2	1.5	16.7	282	2.07	13.3	3.2	11.6	6.0	72	0.2	0.1	0.2	28
536842	Drill Core		5.14	101.9	170.8	6.5	37	0.2	3.9	14.5	401	1.88	8.8	1.4	12.9	4.8	75	0.3	0.1	0.2	37
536843	Drill Core		3.92	30.8	297.2	5.3	35	0.3	1.2	10.9	289	1.90	23.4	1.6	8.3	4.0	52	0.3	0.2	0.2	32
536844	Drill Core		5.47	151.1	299.4	21.1	112	0.4	1.1	10.9	310	1.82	44.8	1.9	10.6	3.7	45	1.0	0.5	0.3	34
536845	Rock Pulp	0.461	0.07	217.3	4123	35.6	129	2.1	20.1	16.4	461	3.99	102.3	0.6	400.5	1.5	27	1.0	5.4	0.6	73
536846	Drill Core		4.31	138.9	233.0	18.8	39	0.4	1.5	29.5	345	3.18	24.2	1.5	7.6	3.5	57	0.2	<0.1	0.5	28
536847	Drill Core		4.25	168.5	324.5	5.7	33	0.5	2.3	57.7	367	4.73	16.6	1.1	15.1	3.8	48	0.3	<0.1	0.4	37
536848	Drill Core		3.93	50.2	203.7	35.1	20	0.4	1.8	49.9	312	2.96	8.3	2.3	5.6	4.5	91	0.2	<0.1	0.8	38
536849	Drill Core		3.75	50.7	115.8	4.0	15	0.2	1.6	35.6	311	2.39	16.0	2.9	3.7	4.1	84	<0.1	<0.1	0.2	19
536850	Drill Core		4.85	46.5	146.8	6.9	38	0.2	1.2	13.9	520	1.78	18.8	2.8	3.5	4.7	82	<0.1	0.1	0.4	41
536851	Drill Core		6.59	21.6	275.6	13.0	53	0.2	2.2	18.6	374	2.33	15.6	1.1	3.0	7.5	54	0.3	<0.1	0.2	35
536852	Drill Core		5.55	20.1	84.2	11.1	45	0.1	5.9	9.9	467	1.67	8.9	1.4	1.5	6.9	70	0.2	<0.1	0.2	38
536853	Drill Core		4.74	29.5	301.7	24.6	43	0.4	2.5	33.7	350	2.40	31.4	2.3	4.3	5.8	85	0.2	0.2	0.3	39
536854	Drill Core		5.17	163.4	136.8	11.5	33	0.1	0.6	2.0	263	0.52	50.3	2.2	2.1	3.8	64	0.1	0.1	0.2	25
536855	Drill Core		4.74	51.0	304.9	21.5	47	0.2	1.0	2.8	301	0.65	50.1	9.7	3.2	3.7	58	0.4	<0.1	0.2	24
536856	Drill Core		4.64	151.2	102.8	22.7	37	0.2	1.0	3.3	333	0.57	36.2	3.7	<0.5	3.8	64	0.4	<0.1	0.2	18

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-156
 Report Date: August 11, 2010

Page: 5 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000322.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
536827	Drill Core	1.23	0.048	6	7	0.51	121	0.004	1	0.19	0.044	0.12	0.3	0.02	2.8	<0.1	0.56	1	<0.5	<0.2	
536828	Drill Core	1.26	0.060	8	7	0.61	86	0.006	3	0.27	0.064	0.13	0.5	<0.01	2.7	<0.1	0.50	2	<0.5	<0.2	
536829	Drill Core	1.05	0.049	10	6	0.56	70	0.005	2	0.34	0.052	0.15	0.3	<0.01	2.9	<0.1	1.27	2	0.5	<0.2	
536830	Rock Pulp	1.62	0.062	17	63	0.78	82	0.031	4	1.35	0.051	0.47	2.0	0.09	4.7	0.3	1.58	4	2.0	0.2	0.216
536831	Drill Core	1.13	0.059	7	7	0.52	59	0.003	2	0.31	0.065	0.13	0.2	<0.01	3.3	<0.1	0.48	3	<0.5	<0.2	
536832	Drill Core	1.03	0.048	4	5	0.50	56	0.003	3	0.27	0.063	0.12	0.2	<0.01	2.2	<0.1	1.97	2	<0.5	<0.2	
536833	Drill Core	1.15	0.051	4	5	0.51	69	0.004	4	0.31	0.065	0.16	0.2	<0.01	2.4	<0.1	1.73	2	0.6	<0.2	
536834	Drill Core	1.33	0.022	2	6	0.56	141	0.002	3	0.24	0.054	0.12	<0.1	0.01	2.6	<0.1	0.49	2	<0.5	<0.2	
536835	Drill Core	1.10	0.036	4	4	0.53	91	0.002	4	0.27	0.053	0.16	<0.1	0.02	2.6	<0.1	1.28	2	<0.5	<0.2	
536836	Drill Core	0.69	0.013	3	5	0.44	16	0.002	3	0.27	0.027	0.14	0.3	0.05	1.0	<0.1	5.18	2	<0.5	<0.2	
536837	Drill Core	0.87	0.016	6	9	0.48	93	0.002	3	0.22	0.042	0.14	0.5	0.02	1.0	<0.1	0.87	2	<0.5	<0.2	
536838	Drill Core	1.14	0.048	4	6	0.48	79	0.002	3	0.25	0.058	0.14	0.2	0.01	1.6	<0.1	0.98	2	<0.5	<0.2	
536839	Drill Core	0.59	0.003	<1	9	0.25	94	<0.001	2	0.21	0.047	0.14	0.4	0.01	0.5	<0.1	0.93	<1	<0.5	<0.2	
536840	Drill Core	0.93	0.019	1	4	0.37	113	<0.001	4	0.22	0.044	0.12	0.2	0.08	1.1	<0.1	0.54	1	<0.5	<0.2	
536841	Drill Core	1.34	0.025	2	6	0.56	140	<0.001	5	0.21	0.047	0.12	0.3	0.04	1.2	<0.1	0.73	1	<0.5	<0.2	
536842	Drill Core	1.91	0.048	3	9	0.50	117	0.002	3	0.22	0.050	0.15	0.4	0.04	4.0	<0.1	0.80	1	0.5	<0.2	
536843	Drill Core	1.42	0.042	3	4	0.33	168	<0.001	3	0.19	0.046	0.14	0.2	0.03	2.0	<0.1	0.65	<1	<0.5	<0.2	
536844	Drill Core	1.32	0.039	3	5	0.42	148	<0.001	4	0.21	0.044	0.15	0.5	0.04	2.1	<0.1	0.81	<1	0.6	<0.2	
536845	Rock Pulp	0.40	0.094	8	27	0.59	31	0.045	4	0.89	0.022	0.54	1.0	0.11	5.3	0.4	2.14	4	6.2	0.9	0.403
536846	Drill Core	1.72	0.036	3	5	0.39	36	<0.001	3	0.19	0.041	0.14	0.5	0.03	1.7	<0.1	2.45	<1	0.5	<0.2	
536847	Drill Core	1.09	0.038	7	4	0.34	20	0.002	4	0.23	0.032	0.18	0.7	0.04	1.7	<0.1	3.65	2	1.5	<0.2	
536848	Drill Core	2.24	0.043	7	6	0.27	53	0.003	3	0.24	0.047	0.13	0.7	0.02	1.3	<0.1	2.07	1	0.9	0.3	
536849	Drill Core	2.28	0.043	4	4	0.40	41	<0.001	3	0.20	0.033	0.13	0.4	0.01	1.3	<0.1	1.90	<1	0.7	<0.2	
536850	Drill Core	1.78	0.054	8	6	0.42	119	0.001	5	0.34	0.062	0.16	0.3	0.01	2.0	<0.1	0.92	2	<0.5	<0.2	
536851	Drill Core	1.39	0.035	4	6	0.54	89	0.002	2	0.21	0.057	0.10	0.2	0.01	1.3	<0.1	1.34	1	<0.5	<0.2	
536852	Drill Core	1.61	0.043	3	12	0.58	119	0.002	2	0.26	0.052	0.12	0.1	<0.01	2.8	<0.1	0.78	2	<0.5	<0.2	
536853	Drill Core	1.23	0.023	3	3	0.42	78	0.001	4	0.30	0.043	0.11	0.1	0.03	1.5	<0.1	1.51	2	0.8	<0.2	
536854	Drill Core	1.20	0.037	3	4	0.44	161	<0.001	3	0.24	0.062	0.09	<0.1	0.01	1.1	<0.1	0.13	<1	<0.5	<0.2	
536855	Drill Core	1.37	0.038	4	5	0.32	107	<0.001	3	0.22	0.068	0.09	0.1	<0.01	1.5	<0.1	0.18	1	<0.5	<0.2	
536856	Drill Core	1.63	0.036	4	7	0.23	264	<0.001	3	0.20	0.062	0.11	<0.1	0.01	1.3	<0.1	0.15	<1	0.6	<0.2	

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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-156
 Report Date: August 11, 2010

Page: 6 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000322.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
536857	Drill Core	4.65	74.5	166.9	111.1	67	0.8	1.2	4.3	443	0.71	55.3	3.0	4.5	4.2	66	0.4	<0.1	1.3	36
536858	Drill Core	4.32	31.9	334.7	11.6	83	0.4	1.6	4.6	518	0.81	76.9	9.8	12.4	4.1	76	0.3	0.1	0.2	49
536859	Drill Core	4.12	331.3	971.6	17.3	99	1.0	1.5	4.4	539	0.75	96.1	39.7	29.2	4.2	86	0.5	0.2	0.4	49
536860	Rock	0.38	1.2	14.7	2.9	48	<0.1	14.1	6.1	404	2.31	3.5	0.7	<0.5	2.9	40	<0.1	0.2	<0.1	49
536861	Drill Core	3.95	40.1	46.2	11.6	68	0.1	1.4	3.4	518	0.55	14.8	25.9	4.8	3.7	93	0.2	<0.1	0.2	45
536862	Drill Core	4.15	39.4	43.1	18.6	81	0.1	1.7	9.4	738	0.99	16.5	8.5	2.3	3.9	84	0.2	0.1	0.4	56
536863	Drill Core	4.60	22.2	76.1	26.9	122	0.1	1.7	7.5	752	0.93	29.7	8.9	1.7	4.9	78	0.3	0.5	0.2	57
536864	Drill Core	4.92	25.0	38.3	77.9	278	0.1	2.1	9.5	923	1.20	13.0	18.4	0.8	3.8	96	1.9	0.6	0.3	65
536865	Drill Core	5.02	63.8	104.2	19.2	89	0.2	1.5	24.4	841	1.63	42.2	19.3	1.0	3.2	97	0.4	5.0	0.4	49
536866	Drill Core	4.09	85.8	93.5	6.5	61	0.2	1.6	11.5	771	1.41	58.3	6.9	1.5	1.7	131	0.2	4.8	0.3	29
536867	Drill Core	4.99	11.6	1301	23.9	113	1.5	1.8	6.6	1110	1.48	485.4	0.7	8.6	1.1	169	1.2	53.0	0.2	11
536868	Drill Core	3.23	34.9	310.9	3.0	50	0.6	2.0	4.0	675	1.36	132.8	0.7	4.2	0.8	157	0.3	10.8	0.2	10
536869	Drill Core	3.74	2.5	80.0	5.7	76	0.1	16.3	13.4	2074	3.21	16.0	1.0	<0.5	1.5	148	0.1	1.2	<0.1	41
536870	Drill Core	5.03	2.7	72.2	3.0	39	<0.1	1.6	4.9	929	1.80	12.6	1.2	0.6	1.2	67	<0.1	0.4	<0.1	18
536871	Drill Core	5.01	3.4	53.0	4.6	44	<0.1	1.1	4.5	852	1.65	3.8	0.5	1.0	2.0	57	0.1	0.2	<0.1	24
536872	Drill Core	4.92	96.3	182.0	5.6	56	0.2	1.6	5.6	1031	1.67	10.4	0.5	3.0	2.9	70	0.1	0.4	<0.1	28
536873	Drill Core	4.28	438.9	257.1	13.1	55	0.3	3.2	10.0	1586	2.61	7.9	0.8	8.3	3.9	193	0.2	0.3	0.2	51
536874	Drill Core	4.73	5.2	146.7	8.7	59	0.1	2.4	4.9	1297	1.95	5.7	0.8	0.6	4.6	78	0.1	0.3	<0.1	47
536875	Drill Core	2.66	24.5	435.2	13.0	73	0.6	1.8	13.8	1629	2.40	30.3	1.2	11.2	4.4	80	0.2	1.0	0.2	48
536876	Drill Core	2.76	22.9	827.5	15.2	80	0.9	2.3	22.9	1615	2.77	91.2	1.2	13.6	4.3	80	0.2	3.6	0.2	50
536877	Drill Core	5.21	39.1	599.3	13.2	100	0.7	1.8	10.5	1481	2.26	60.4	0.8	12.5	4.2	67	0.2	2.6	0.1	38
536878	Drill Core	4.61	49.7	333.2	9.4	75	0.3	1.9	4.3	1177	1.76	47.4	2.8	8.2	3.1	110	<0.1	3.6	<0.1	28
536879	Drill Core	4.40	51.9	396.8	13.4	62	0.4	2.1	5.9	1091	2.06	21.0	0.6	6.3	4.1	104	0.2	0.5	0.1	42
536880	Drill Core	4.31	66.1	587.2	22.4	97	0.6	2.2	6.4	1253	1.88	65.1	0.6	10.1	4.4	98	0.3	1.1	<0.1	35
536881	Drill Core	5.08	4.6	441.2	33.4	110	0.5	2.0	6.7	1467	1.98	30.3	0.6	17.1	3.6	92	0.5	0.6	0.2	33
536882	Drill Core	4.62	39.8	1104	36.4	150	1.1	2.4	8.6	1305	2.28	50.3	0.8	48.2	4.3	89	0.8	0.6	0.2	41
536883	Drill Core	6.55	5.5	125.5	63.8	261	0.2	2.2	4.8	1681	2.03	9.5	0.8	43.8	4.8	121	1.8	0.4	0.1	42
536884	Drill Core	4.52	22.7	343.7	37.6	93	0.4	2.0	7.5	1423	2.32	15.2	2.5	27.4	4.5	103	0.2	0.3	0.3	35
536885	Drill Core	3.58	495.2	129.8	25.8	134	0.2	2.5	4.0	2027	2.64	3.7	3.5	10.3	5.5	94	<0.1	<0.1	0.1	43



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-156
 Report Date: August 11, 2010

Page: 6 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000322.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
536857	Drill Core	1.68	0.044	5	5	0.39	224	0.001	3	0.24	0.062	0.11	<0.1	0.02	2.0	<0.1	0.17	1	0.6	<0.2	
536858	Drill Core	1.40	0.039	8	6	0.57	207	0.002	4	0.29	0.065	0.13	<0.1	0.01	2.4	<0.1	0.12	2	<0.5	<0.2	
536859	Drill Core	1.40	0.054	8	4	0.62	66	0.001	7	0.35	0.069	0.16	0.4	0.03	2.6	<0.1	0.16	2	1.4	<0.2	
536860	Rock	0.47	0.060	9	22	0.49	84	0.081	<1	0.91	0.074	0.10	0.1	<0.01	2.8	<0.1	<0.05	4	<0.5	<0.2	
536861	Drill Core	1.63	0.039	7	4	0.75	208	0.002	6	0.33	0.065	0.15	0.3	0.02	2.2	<0.1	<0.05	2	<0.5	<0.2	
536862	Drill Core	1.72	0.043	6	6	1.01	193	0.003	5	0.32	0.066	0.13	<0.1	0.01	2.2	<0.1	0.26	3	<0.5	<0.2	
536863	Drill Core	1.11	0.055	8	4	0.67	139	0.004	6	0.36	0.067	0.19	<0.1	0.02	2.7	<0.1	0.10	3	<0.5	<0.2	
536864	Drill Core	1.49	0.070	7	5	0.79	107	0.004	12	0.46	0.074	0.27	0.2	0.03	3.8	<0.1	0.12	4	0.5	<0.2	
536865	Drill Core	2.01	0.046	3	4	0.65	200	0.001	13	0.34	0.065	0.20	0.3	0.02	3.1	<0.1	0.55	2	0.5	<0.2	
536866	Drill Core	1.68	0.051	2	3	0.49	588	<0.001	15	0.37	0.069	0.21	<0.1	0.02	2.9	<0.1	0.22	1	<0.5	<0.2	
536867	Drill Core	1.49	0.024	1	2	0.44	538	<0.001	15	0.42	0.082	0.25	0.1	0.28	2.8	<0.1	0.19	<1	0.7	<0.2	
536868	Drill Core	1.36	0.009	<1	2	0.41	758	<0.001	14	0.39	0.074	0.26	<0.1	0.04	2.0	<0.1	0.17	<1	0.6	<0.2	
536869	Drill Core	3.03	0.054	2	27	0.98	698	<0.001	16	0.41	0.052	0.30	<0.1	0.01	12.8	<0.1	0.09	1	<0.5	<0.2	
536870	Drill Core	1.37	0.048	3	4	0.44	445	<0.001	9	0.32	0.061	0.21	<0.1	<0.01	1.9	<0.1	0.11	<1	<0.5	<0.2	
536871	Drill Core	1.42	0.047	6	5	0.47	408	0.001	7	0.28	0.066	0.17	0.1	<0.01	1.6	<0.1	0.11	1	<0.5	<0.2	
536872	Drill Core	1.63	0.054	9	7	0.62	374	0.002	6	0.28	0.073	0.15	0.2	<0.01	1.8	<0.1	0.09	1	<0.5	<0.2	
536873	Drill Core	2.49	0.049	9	6	1.03	104	0.003	5	0.32	0.068	0.14	0.5	0.01	2.1	<0.1	0.42	2	0.6	<0.2	
536874	Drill Core	1.88	0.048	7	5	0.69	422	0.002	6	0.23	0.077	0.13	0.2	<0.01	2.8	<0.1	0.05	1	<0.5	<0.2	
536875	Drill Core	1.77	0.054	7	5	0.70	328	0.004	7	0.28	0.073	0.15	0.2	0.02	3.2	<0.1	0.34	2	0.7	<0.2	
536876	Drill Core	1.79	0.051	8	5	0.71	183	0.004	8	0.29	0.076	0.16	0.5	<0.01	3.3	<0.1	0.64	2	1.1	<0.2	
536877	Drill Core	1.37	0.050	6	4	0.57	338	0.002	8	0.33	0.057	0.20	0.2	0.02	2.8	<0.1	0.20	2	0.6	<0.2	
536878	Drill Core	1.47	0.045	4	4	0.51	485	<0.001	11	0.40	0.075	0.26	0.1	<0.01	3.3	<0.1	0.09	2	<0.5	<0.2	
536879	Drill Core	1.87	0.056	10	4	0.67	291	0.002	7	0.33	0.061	0.16	0.1	0.01	3.6	<0.1	0.15	2	<0.5	<0.2	
536880	Drill Core	1.98	0.050	10	5	0.62	179	0.002	5	0.36	0.069	0.16	0.2	0.02	2.9	<0.1	0.14	2	0.7	<0.2	
536881	Drill Core	2.20	0.055	8	4	0.60	426	0.002	5	0.32	0.063	0.15	0.1	0.01	2.6	<0.1	0.24	1	0.6	<0.2	
536882	Drill Core	2.06	0.058	9	6	0.56	295	0.002	3	0.33	0.073	0.12	0.2	0.01	2.4	<0.1	0.41	1	1.2	<0.2	
536883	Drill Core	2.20	0.056	11	5	0.79	70	0.002	5	0.35	0.062	0.16	0.2	0.02	2.6	<0.1	0.13	2	0.7	<0.2	
536884	Drill Core	1.71	0.048	10	6	0.64	201	0.005	5	0.51	0.063	0.19	0.3	<0.01	1.6	<0.1	0.53	3	0.6	<0.2	
536885	Drill Core	1.48	0.055	20	6	0.83	101	0.018	3	0.83	0.072	0.14	0.2	<0.01	2.6	<0.1	0.22	6	<0.5	0.2	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-156
 Report Date: August 11, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000322.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	
Pulp Duplicates																					
536754	Drill Core	5.02	29.2	1403	6.8	87	1.3	2.2	8.5	1109	3.58	3.6	1.1	26.1	6.3	97	0.2	<0.1	0.5	83	
REP 536754	QC		28.7	1353	6.9	87	1.2	2.4	8.2	1087	3.51	3.6	1.1	26.7	6.1	96	0.2	<0.1	0.5	83	
536777	Drill Core	3.73	27.3	1243	15.4	52	1.0	1.9	4.0	570	2.98	4.7	1.7	20.5	4.5	78	<0.1	<0.1	0.6	67	
REP 536777	QC		26.4	1234	15.0	55	1.0	2.0	3.8	574	2.96	4.5	1.7	18.8	4.6	77	<0.1	<0.1	0.6	69	
536787	Drill Core	4.05	11.4	1396	7.9	74	1.3	23.4	10.5	740	4.85	30.4	4.0	290.4	5.6	149	0.3	0.1	0.4	97	
REP 536787	QC																				
536805	Drill Core	0.210	3.02	107.7	2029	17.4	50	1.8	2.5	5.0	434	2.58	5.8	2.1	51.2	5.9	130	0.9	0.2	0.5	63
REP 536805	QC			109.5	2077	18.1	48	1.9	2.5	4.8	434	2.63	5.6	2.2	35.0	5.9	137	0.8	0.1	0.5	65
536856	Drill Core	4.64	151.2	102.8	22.7	37	0.2	1.0	3.3	333	0.57	36.2	3.7	<0.5	3.8	64	0.4	<0.1	0.2	18	
REP 536856	QC		157.4	106.7	23.8	39	0.2	1.0	3.6	348	0.60	37.7	3.9	1.0	4.0	65	0.3	<0.1	0.2	18	
536877	Drill Core	5.21	39.1	599.3	13.2	100	0.7	1.8	10.5	1481	2.26	60.4	0.8	12.5	4.2	67	0.2	2.6	0.1	38	
REP 536877	QC		38.4	600.0	13.1	99	0.6	1.5	9.9	1459	2.26	61.1	0.8	8.1	4.0	66	0.2	2.7	0.1	38	
Core Reject Duplicates																					
536768	Drill Core	0.246	3.57	21.6	2388	13.1	46	1.9	1.9	4.5	562	1.80	6.2	1.2	37.4	4.7	128	0.3	<0.1	0.7	68
DUP 536768	QC			21.1	2217	12.7	46	1.8	2.1	4.4	555	1.68	5.7	1.2	35.7	4.5	134	0.2	<0.1	0.7	68
536803	Drill Core	2.60	2.5	102.2	7.0	74	0.2	54.5	23.5	1048	4.18	8.1	0.9	9.1	1.3	652	0.1	0.2	0.2	110	
DUP 536803	QC		2.4	100.0	6.7	73	0.1	54.9	22.1	1008	4.02	7.7	0.9	8.2	1.3	627	0.1	0.1	0.2	104	
536838	Drill Core	3.49	24.8	394.2	5.6	50	0.4	1.8	24.7	355	2.58	31.7	1.5	8.7	5.1	61	0.2	<0.1	0.3	45	
DUP 536838	QC		26.0	386.6	5.5	48	0.4	2.1	24.7	329	2.45	29.4	1.5	7.8	4.7	58	0.1	<0.1	0.2	45	
536873	Drill Core	4.28	438.9	257.1	13.1	55	0.3	3.2	10.0	1586	2.61	7.9	0.8	8.3	3.9	193	0.2	0.3	0.2	51	
DUP 536873	QC		485.5	277.3	13.7	60	0.4	3.4	10.3	1631	2.73	8.8	0.8	8.0	4.2	196	0.4	0.4	0.2	52	
Reference Materials																					
STD DS7	Standard		19.9	110.8	73.1	402	1.0	52.5	9.0	625	2.41	53.0	5.0	59.6	4.7	81	6.4	6.6	4.9	80	
STD DS7	Standard		21.0	108.8	70.7	411	1.0	52.4	9.2	640	2.41	52.2	5.0	65.7	4.7	84	6.3	6.2	4.8	79	
STD DS7	Standard		22.4	117.6	75.0	399	0.8	55.5	10.0	617	2.37	53.9	5.2	67.7	5.1	77	6.2	6.1	5.3	80	
STD DS7	Standard		21.0	111.6	72.7	389	0.9	54.5	9.2	610	2.38	53.0	5.0	63.7	5.1	76	6.4	6.1	5.0	82	
STD DS7	Standard		19.8	103.8	61.2	382	1.0	50.8	8.7	596	2.27	50.4	4.5	69.5	4.2	67	6.1	5.4	4.2	79	
STD DS7	Standard		21.8	109.6	64.5	401	1.0	54.0	8.9	631	2.42	54.3	4.7	68.3	4.5	72	6.3	5.6	4.5	83	

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-156
Report Date: August 11, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000322.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
Pulp Duplicates																					
536754	Drill Core	0.73	0.061	13	7	0.63	89	0.029	3	0.75	0.044	0.42	0.5	<0.01	2.0	0.1	0.49	5	0.9	<0.2	
REP 536754	QC	0.72	0.057	13	7	0.62	88	0.028	2	0.73	0.044	0.42	0.5	<0.01	1.9	0.1	0.48	5	0.9	<0.2	
536777	Drill Core	0.80	0.046	9	6	0.54	70	0.018	<1	0.52	0.040	0.26	0.7	0.01	1.6	<0.1	0.32	4	<0.5	<0.2	
REP 536777	QC	0.79	0.049	9	6	0.54	71	0.019	3	0.52	0.041	0.28	0.7	<0.01	1.7	<0.1	0.33	4	0.5	<0.2	
536787	Drill Core	1.93	0.068	7	63	1.20	111	0.033	3	0.64	0.061	0.45	0.5	0.02	9.5	0.1	0.53	6	<0.5	<0.2	0.326
REP 536787	QC																				0.334
536805	Drill Core	2.03	0.043	9	6	0.54	109	0.019	1	0.36	0.066	0.15	0.8	0.05	1.7	<0.1	0.96	3	1.3	<0.2	
REP 536805	QC	2.05	0.046	9	6	0.55	110	0.019	1	0.38	0.067	0.16	0.9	0.03	1.7	<0.1	0.97	3	0.8	<0.2	
536856	Drill Core	1.63	0.036	4	7	0.23	264	<0.001	3	0.20	0.062	0.11	<0.1	0.01	1.3	<0.1	0.15	<1	0.6	<0.2	
REP 536856	QC	1.70	0.037	4	7	0.24	274	<0.001	3	0.20	0.064	0.12	<0.1	0.02	1.3	<0.1	0.16	<1	<0.5	<0.2	
536877	Drill Core	1.37	0.050	6	4	0.57	338	0.002	8	0.33	0.057	0.20	0.2	0.02	2.8	<0.1	0.20	2	0.6	<0.2	
REP 536877	QC	1.37	0.050	6	4	0.57	328	0.002	7	0.33	0.057	0.20	0.2	<0.01	2.8	<0.1	0.20	2	0.7	<0.2	
Core Reject Duplicates																					
536768	Drill Core	0.86	0.049	8	6	0.46	84	0.010	2	0.34	0.045	0.21	0.3	<0.01	1.7	<0.1	0.47	2	1.3	<0.2	
DUP 536768	QC	0.89	0.049	8	6	0.47	84	0.010	1	0.35	0.044	0.21	0.3	<0.01	1.8	<0.1	0.45	2	1.1	<0.2	
536803	Drill Core	3.03	0.128	7	175	2.27	42	0.016	3	1.16	0.298	0.12	0.1	<0.01	18.8	<0.1	0.15	6	<0.5	<0.2	
DUP 536803	QC	2.83	0.131	7	164	2.23	43	0.014	2	1.15	0.300	0.12	0.1	<0.01	18.0	<0.1	0.14	6	<0.5	<0.2	
536838	Drill Core	1.14	0.048	4	6	0.48	79	0.002	3	0.25	0.058	0.14	0.2	0.01	1.6	<0.1	0.98	2	<0.5	<0.2	
DUP 536838	QC	1.10	0.046	4	6	0.46	77	0.002	4	0.28	0.058	0.14	0.3	0.01	1.7	<0.1	0.97	2	<0.5	<0.2	
536873	Drill Core	2.49	0.049	9	6	1.03	104	0.003	5	0.32	0.068	0.14	0.5	0.01	2.1	<0.1	0.42	2	0.6	<0.2	
DUP 536873	QC	2.57	0.053	9	6	1.06	104	0.003	5	0.33	0.068	0.14	0.6	0.02	2.3	<0.1	0.44	2	0.5	<0.2	
Reference Materials																					
STD DS7	Standard	0.98	0.075	12	186	1.07	403	0.134	39	1.01	0.092	0.47	3.8	0.22	2.4	4.0	0.19	5	3.7	1.3	
STD DS7	Standard	0.98	0.075	13	195	1.06	410	0.136	36	1.06	0.095	0.47	3.5	0.25	2.4	4.1	0.19	5	3.3	1.1	
STD DS7	Standard	0.93	0.081	13	207	1.00	398	0.115	44	1.00	0.092	0.45	3.6	0.23	2.3	4.3	0.20	5	3.0	0.7	
STD DS7	Standard	0.95	0.073	13	199	1.02	394	0.119	38	1.03	0.094	0.45	3.5	0.24	2.4	4.1	0.19	5	3.1	1.7	
STD DS7	Standard	0.91	0.076	12	183	0.99	389	0.111	40	0.99	0.092	0.46	3.5	0.22	2.3	3.8	0.19	4	3.6	1.6	
STD DS7	Standard	0.97	0.080	13	193	1.04	408	0.118	39	1.06	0.097	0.49	3.6	0.24	2.5	4.0	0.20	5	3.1	0.9	

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-156
 Report Date: August 11, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000322.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
STD DS7	Standard			20.8	112.4	66.5	396	1.0	54.1	9.4	629	2.38	52.9	4.9	71.1	4.9	77	6.7	6.0	4.8	84
STD DS7	Standard			20.8	109.5	67.7	388	0.9	53.7	9.1	636	2.40	52.6	5.0	101.5	4.9	77	6.5	5.9	4.8	84
STD DS7	Standard			22.3	108.5	76.0	409	1.0	57.2	9.7	642	2.47	51.4	5.2	67.0	4.9	80	6.0	6.0	5.0	81
STD DS7	Standard			21.7	111.2	75.2	396	1.0	54.0	9.3	626	2.44	49.0	5.2	76.5	4.9	81	6.1	5.6	4.9	82
STD OXH66	Standard																				
STD OXK79	Standard																				
STD R4A	Standard	0.519																			
STD R4A	Standard	0.517																			
STD R4A	Standard	0.507																			
STD R4A	Standard	0.507																			
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD R4A Expected		0.502																			
STD OXH66 Expected																					
STD OXK79 Expected																					
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank			<0.1	15.5	3.2	47	<0.1	3.4	4.4	570	1.91	0.5	2.0	2.5	6.2	59	<0.1	<0.1	0.2	37
G1	Prep Blank			0.2	17.2	3.3	44	<0.1	3.1	4.0	547	1.89	<0.5	2.6	2.0	6.5	61	<0.1	<0.1	0.1	37

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-156
Report Date: August 11, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000322.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Au
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
STD DS7	Standard	0.98	0.082	13	192	1.06	408	0.127	39	1.06	0.100	0.47	3.7	0.21	2.4	4.2	0.20	5	3.3	1.2	
STD DS7	Standard	1.00	0.081	13	193	1.06	402	0.127	42	1.07	0.101	0.46	3.8	0.21	2.3	4.1	0.20	5	3.3	0.7	
STD DS7	Standard	0.98	0.077	14	211	1.07	404	0.140	42	1.05	0.098	0.48	3.8	0.24	2.5	4.2	0.20	5	3.6	1.4	
STD DS7	Standard	0.98	0.076	13	208	1.06	397	0.141	38	1.04	0.097	0.46	3.6	0.23	2.5	4.1	0.20	5	3.2	1.0	
STD OXH66	Standard																				1.280
STD OXK79	Standard																				3.578
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08	
STD R4A Expected																					
STD OXH66 Expected																					1.285
STD OXK79 Expected																					3.532
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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																				
BLK	Blank																				
BLK	Blank																				<0.005
BLK	Blank																				<0.005
Prep Wash																					
G1	Prep Blank	0.58	0.089	11	10	0.56	176	0.128	2	0.96	0.076	0.49	0.1	<0.01	1.8	0.4	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.60	0.087	12	11	0.55	170	0.124	2	0.94	0.080	0.48	<0.1	<0.01	1.8	0.3	<0.05	4	<0.5	<0.2	

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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: July 26, 2010
Report Date: August 20, 2010
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI10000323.1

CLIENT JOB INFORMATION

Project: Kwanika-157
Shipment ID: 2010-07
P.O. Number
Number of Samples: 149

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include 7AR, R200-250, 1DX2, and G601.

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-157
 Report Date: August 20, 2010

Page: 2 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000323.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
538693	Drill Core	3.49	14.7	33.2	1.9	18	<0.1	3.1	5.6	479	1.79	9.1	1.0	12.1	4.4	150	<0.1	<0.1	<0.1	52
538694	Drill Core	2.74	1.7	22.6	1.9	15	<0.1	2.2	4.1	522	1.44	5.2	0.6	2.0	3.2	142	<0.1	<0.1	<0.1	27
538695	Drill Core	4.74	2.0	54.0	2.1	18	<0.1	3.6	6.5	587	1.73	13.6	0.6	1.4	3.9	171	<0.1	<0.1	<0.1	35
538696	Drill Core	3.76	9.5	244.6	1.5	18	<0.1	6.7	8.6	514	1.88	8.9	0.7	9.9	1.9	203	<0.1	<0.1	<0.1	58
538697	Drill Core	4.05	1.1	25.0	2.0	24	<0.1	5.8	9.9	540	2.85	14.1	0.7	11.4	3.8	273	<0.1	<0.1	<0.1	74
538698	Drill Core	4.38	51.0	35.2	4.1	36	0.2	6.3	11.9	645	3.61	15.7	1.3	8.2	2.6	432	0.1	<0.1	0.2	102
538699	Drill Core	4.86	25.3	264.2	4.2	24	0.3	4.4	9.5	695	2.64	55.8	2.0	23.3	5.6	274	0.1	0.2	0.1	59
538700	Drill Core	4.92	4.2	177.3	1.9	5	<0.1	0.6	1.8	145	0.63	71.9	1.4	4.9	5.8	71	<0.1	<0.1	<0.1	6
538701	Drill Core	4.27	25.2	275.6	3.3	8	0.1	0.6	1.4	95	0.53	107.4	1.8	8.1	8.8	47	<0.1	<0.1	<0.1	3
538702	Drill Core	4.22	6.5	1503	6.5	12	0.5	3.2	4.9	91	0.79	226.0	3.5	60.7	11.9	39	0.1	0.2	<0.1	4
538703	Drill Core	4.35	2.3	452.7	4.1	10	0.2	0.7	2.2	109	0.61	112.0	5.6	20.0	10.1	45	0.1	<0.1	<0.1	3
538704	Drill Core	3.83	4.2	138.4	4.3	7	<0.1	0.5	2.1	125	0.64	47.5	2.4	6.9	7.9	66	<0.1	<0.1	<0.1	5
538705	Rock	0.26	0.9	46.7	4.3	55	<0.1	14.9	8.7	384	2.62	6.4	0.5	1.4	2.2	40	0.2	0.3	<0.1	71
538706	Drill Core	4.53	2.3	33.6	2.5	5	<0.1	0.5	0.8	117	0.53	8.4	0.8	2.1	7.9	69	<0.1	<0.1	<0.1	3
538707	Drill Core	4.01	0.6	45.3	3.4	4	<0.1	0.5	0.8	102	0.52	10.0	0.7	1.6	10.4	62	<0.1	<0.1	<0.1	2
538708	Drill Core	3.81	1.3	42.3	2.4	6	<0.1	0.6	1.2	85	0.58	9.4	0.8	<0.5	10.4	51	<0.1	<0.1	<0.1	4
538709	Drill Core	4.05	6.3	45.7	4.0	4	<0.1	0.5	0.8	120	0.54	4.4	0.7	0.8	7.8	83	<0.1	<0.1	<0.1	5
538710	Drill Core	4.20	7.0	49.1	1.8	4	<0.1	0.3	0.6	84	0.39	6.8	1.0	1.7	10.4	53	<0.1	<0.1	<0.1	2
538711	Drill Core	4.01	14.5	138.7	2.1	4	<0.1	0.5	1.1	104	0.50	7.4	1.1	3.7	7.9	62	<0.1	<0.1	<0.1	3
538712	Drill Core	4.91	8.0	141.6	2.9	12	<0.1	1.1	2.9	197	1.30	10.1	0.7	3.6	5.8	87	<0.1	<0.1	<0.1	23
538713	Drill Core	4.23	5.3	44.7	2.1	4	<0.1	0.5	0.8	115	0.49	9.1	1.1	0.9	9.0	91	<0.1	<0.1	<0.1	5
538714	Drill Core	4.37	4.1	67.3	1.8	4	<0.1	0.3	0.5	64	0.39	19.5	0.7	2.0	7.9	44	<0.1	<0.1	<0.1	2
538715	Drill Core	3.93	2.9	184.3	2.3	5	<0.1	0.5	0.7	75	0.35	64.4	2.8	11.1	13.7	47	<0.1	<0.1	<0.1	3
538716	Drill Core	4.73	3.6	304.2	3.2	9	0.1	0.9	2.0	172	0.80	110.3	1.7	16.7	9.7	109	<0.1	<0.1	<0.1	14
538717	Drill Core	4.43	14.2	556.5	3.1	5	0.2	0.5	2.1	108	0.49	202.0	1.0	32.6	7.8	65	<0.1	<0.1	<0.1	4
538718	Drill Core	2.99	2.9	79.4	2.4	6	<0.1	0.5	1.0	136	0.58	8.9	0.6	3.2	7.3	74	<0.1	<0.1	<0.1	6
538719	Drill Core	4.38	12.1	80.0	2.9	6	<0.1	0.9	0.9	118	0.66	12.0	0.7	2.7	8.7	73	<0.1	<0.1	<0.1	5
538720	Drill Core	1.97	2.7	116.9	3.4	8	<0.1	0.6	1.4	142	0.60	24.7	0.8	6.7	7.2	71	<0.1	<0.1	<0.1	6
538721	Drill Core	2.10	2.2	132.9	3.5	7	<0.1	0.5	1.5	125	0.56	27.8	0.7	5.2	7.4	69	<0.1	<0.1	<0.1	5
538722	Drill Core	3.53	1.0	61.5	1.7	6	<0.1	0.9	1.8	171	0.60	7.5	1.0	2.2	8.4	114	<0.1	<0.1	<0.1	6

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-157
 Report Date: August 20, 2010

Page: 2 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000323.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
538693	Drill Core	2.97	0.091	10	6	0.96	243	0.003	5	0.47	0.045	0.18	<0.1	<0.01	5.4	<0.1	0.06	2	<0.5	0.3	
538694	Drill Core	2.78	0.030	6	9	0.82	451	0.001	3	0.30	0.034	0.12	<0.1	<0.01	1.8	<0.1	<0.05	1	<0.5	<0.2	
538695	Drill Core	3.12	0.049	8	7	0.97	150	0.003	5	0.40	0.043	0.17	<0.1	0.03	3.8	<0.1	<0.05	1	<0.5	<0.2	
538696	Drill Core	2.43	0.198	10	18	0.81	50	0.002	11	0.92	0.049	0.33	<0.1	<0.01	16.6	0.1	<0.05	2	<0.5	<0.2	
538697	Drill Core	3.01	0.071	8	19	0.87	293	0.002	11	0.66	0.045	0.26	<0.1	0.02	10.8	<0.1	<0.05	2	<0.5	<0.2	
538698	Drill Core	4.50	0.059	5	23	1.48	782	0.001	11	0.66	0.040	0.28	0.2	<0.01	15.1	<0.1	0.09	2	<0.5	0.2	
538699	Drill Core	5.30	0.015	5	13	1.59	656	0.001	6	0.37	0.032	0.17	<0.1	0.02	5.9	<0.1	0.20	2	<0.5	<0.2	
538700	Drill Core	0.97	0.001	3	7	0.31	220	<0.001	4	0.24	0.037	0.11	<0.1	<0.01	0.4	<0.1	0.09	<1	<0.5	<0.2	
538701	Drill Core	0.45	0.001	4	4	0.15	151	<0.001	4	0.26	0.037	0.12	<0.1	<0.01	0.4	<0.1	0.11	<1	<0.5	<0.2	
538702	Drill Core	0.37	0.002	4	7	0.13	80	<0.001	5	0.26	0.039	0.13	<0.1	0.02	0.4	<0.1	0.21	<1	1.4	<0.2	
538703	Drill Core	0.54	<0.001	3	4	0.12	121	<0.001	4	0.27	0.036	0.13	<0.1	<0.01	0.3	<0.1	0.09	<1	<0.5	<0.2	
538704	Drill Core	1.15	0.002	3	5	0.14	74	<0.001	5	0.28	0.034	0.14	<0.1	<0.01	0.5	<0.1	0.10	<1	<0.5	<0.2	
538705	Rock	0.68	0.074	8	20	0.51	100	0.101	1	1.12	0.114	0.12	0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2	
538706	Drill Core	0.64	0.002	3	6	0.13	56	<0.001	5	0.26	0.041	0.14	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2	
538707	Drill Core	0.60	0.001	4	7	0.10	99	<0.001	5	0.29	0.042	0.14	<0.1	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2	
538708	Drill Core	0.32	0.001	4	6	0.10	97	<0.001	6	0.25	0.046	0.15	<0.1	<0.01	0.6	<0.1	0.06	<1	<0.5	<0.2	
538709	Drill Core	0.84	<0.001	3	7	0.11	115	<0.001	8	0.34	0.041	0.15	<0.1	<0.01	0.5	<0.1	<0.05	1	<0.5	<0.2	
538710	Drill Core	0.37	0.001	3	4	0.10	101	<0.001	6	0.31	0.040	0.13	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
538711	Drill Core	0.57	0.001	3	7	0.13	214	<0.001	5	0.33	0.041	0.14	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
538712	Drill Core	0.98	0.023	5	4	0.28	177	0.001	4	0.43	0.045	0.15	0.1	<0.01	2.1	<0.1	0.07	2	<0.5	<0.2	
538713	Drill Core	0.75	0.002	4	6	0.14	101	<0.001	5	0.29	0.038	0.12	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2	
538714	Drill Core	0.31	0.002	4	3	0.08	89	<0.001	5	0.26	0.033	0.11	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
538715	Drill Core	0.47	0.002	5	3	0.13	219	<0.001	2	0.30	0.030	0.12	<0.1	0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
538716	Drill Core	1.16	0.008	5	4	0.34	122	<0.001	5	0.34	0.033	0.11	<0.1	<0.01	1.1	<0.1	<0.05	1	<0.5	<0.2	
538717	Drill Core	0.82	0.002	5	5	0.24	180	<0.001	2	0.29	0.039	0.10	<0.1	<0.01	0.2	<0.1	0.07	<1	<0.5	0.2	
538718	Drill Core	1.05	0.002	5	1	0.31	164	<0.001	3	0.31	0.029	0.10	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2	
538719	Drill Core	1.03	0.002	6	5	0.28	83	<0.001	3	0.27	0.035	0.09	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
538720	Drill Core	1.29	0.002	6	4	0.41	15	<0.001	3	0.31	0.032	0.09	<0.1	0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2	
538721	Drill Core	1.22	0.002	6	5	0.38	15	<0.001	2	0.29	0.031	0.09	<0.1	0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
538722	Drill Core	1.46	0.005	6	4	0.50	23	<0.001	5	0.35	0.036	0.09	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-157
 Report Date: August 20, 2010

Page: 3 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000323.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538723	Drill Core		3.94	4.5	114.5	1.7	27	<0.1	7.4	12.4	740	3.60	12.5	0.7	12.6	1.2	394	<0.1	<0.1	<0.1	122
538724	Drill Core		4.48	1.9	206.5	1.3	16	<0.1	2.5	5.6	496	1.68	35.8	1.5	9.1	1.9	277	<0.1	<0.1	<0.1	29
538725	Rock		3.64	1.2	64.6	1.6	5	<0.1	0.5	1.4	167	0.49	4.4	0.6	2.2	4.1	97	<0.1	<0.1	<0.1	6
538726	Drill Core		5.35	1.8	216.6	1.9	8	<0.1	1.1	2.8	361	0.71	55.5	0.9	8.1	2.3	189	<0.1	<0.1	<0.1	10
538727	Drill Core		4.17	6.1	512.4	1.9	16	0.1	2.8	6.5	435	1.97	85.6	2.0	16.8	1.7	189	<0.1	<0.1	<0.1	60
538728	Drill Core		4.61	5.3	820.5	2.5	29	0.3	4.6	12.7	706	2.85	170.1	0.8	21.1	1.8	213	<0.1	0.1	<0.1	83
538729	Drill Core		5.37	1.8	281.5	1.6	30	0.1	4.4	10.7	708	2.88	25.2	0.5	10.2	1.5	222	<0.1	<0.1	<0.1	89
538730	Drill Core		5.17	5.3	306.7	2.0	30	0.2	3.7	11.6	744	3.00	24.9	0.7	19.8	1.8	241	<0.1	0.2	<0.1	83
538731	Drill Core		4.79	23.5	1742	10.6	37	1.2	2.3	9.7	531	4.23	89.7	2.0	31.9	4.4	87	0.2	3.8	3.0	32
538732	Drill Core	0.235	4.41	15.5	2236	8.2	42	1.5	2.2	11.2	628	5.19	43.3	2.0	74.3	4.5	96	0.2	2.4	3.9	35
538733	Drill Core		4.73	128.5	1220	14.5	50	1.0	1.7	16.5	472	5.29	41.7	2.9	29.9	4.2	128	0.5	3.1	3.1	27
538734	Drill Core	0.259	6.45	37.9	2490	7.3	36	1.6	1.8	10.2	569	4.41	27.2	1.6	67.5	4.1	98	0.1	1.1	2.7	33
538735	Rock Pulp		0.07	144.1	1655	21.6	62	1.9	15.2	16.1	338	3.63	25.3	4.0	198.0	9.1	60	1.0	6.8	2.5	50
538736	Drill Core	0.307	2.96	28.8	2838	6.7	29	1.7	2.0	9.0	351	4.70	35.8	2.3	119.5	4.6	73	0.2	1.0	4.6	22
538737	Drill Core	0.216	4.55	40.6	2015	3.3	21	1.2	2.2	15.6	219	6.96	32.8	2.6	96.3	4.6	57	0.1	0.6	8.8	22
538738	Drill Core	0.268	4.50	9.3	2500	3.2	28	1.3	2.5	12.6	330	5.42	28.8	2.0	61.0	4.8	62	<0.1	0.7	4.4	23
538739	Drill Core	0.275	4.58	35.0	2684	2.9	28	1.5	2.6	14.0	358	5.14	14.2	2.3	111.1	5.7	79	<0.1	0.5	5.3	27
538740	Drill Core	0.255	4.31	22.8	2329	4.7	25	1.4	2.3	11.4	390	4.89	12.4	2.2	81.6	5.2	58	<0.1	0.5	3.4	28
538741	Drill Core	0.372	4.64	45.4	3471	31.8	26	2.2	1.8	8.3	393	4.18	14.2	2.5	66.0	4.6	57	0.3	0.7	3.3	22
538742	Drill Core	0.302	3.47	39.0	2801	40.0	31	1.9	2.3	10.1	401	3.88	5.3	1.7	98.9	5.3	53	0.1	0.5	3.7	35
538743	Drill Core		3.17	6.7	513.1	6.8	37	0.4	7.0	8.3	461	2.18	4.7	1.7	10.1	5.8	86	0.1	0.3	0.3	62
538744	Drill Core		4.17	9.9	1360	43.3	36	1.1	9.9	7.9	388	2.22	4.1	1.8	25.0	5.9	126	<0.1	0.2	0.7	57
538745	Drill Core		4.11	18.1	1005	10.8	38	0.6	15.7	14.1	387	2.64	8.0	1.9	17.8	5.5	94	0.2	2.1	0.4	49
538746	Drill Core		3.95	22.0	1821	7.9	49	1.1	14.2	14.9	475	2.74	5.6	1.8	26.1	4.6	173	0.4	1.3	0.6	54
538747	Drill Core	0.278	4.36	318.9	2641	3.3	32	1.5	3.2	7.0	392	3.10	2.8	1.7	100.7	6.7	92	0.4	0.6	0.7	46
538748	Drill Core		3.95	33.8	1484	3.7	41	0.8	2.8	6.7	438	3.40	2.0	1.8	53.1	5.7	54	0.2	0.4	0.5	59
538749	Drill Core	0.207	4.11	48.2	2058	4.7	71	1.1	95.5	16.2	808	3.95	3.2	1.6	102.1	4.1	106	0.2	1.1	0.4	72
538750	Rock Pulp	0.448	0.07	167.4	4286	44.5	145	2.2	19.9	16.7	485	4.10	105.1	0.7	420.5	1.8	31	1.2	6.6	0.6	76
538751	Drill Core	0.210	4.32	16.6	2083	4.1	41	1.2	2.9	7.2	449	3.61	1.8	2.0	52.7	5.3	68	0.3	0.5	0.5	75
538752	Drill Core		4.44	69.3	1388	3.3	42	0.8	3.6	6.2	479	3.70	2.9	2.1	44.4	4.8	46	0.2	0.5	0.5	76

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-157
 Report Date: August 20, 2010

Page: 3 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000323.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
538723	Drill Core	4.76	0.121	8	27	1.35	52	0.005	15	0.87	0.099	0.41	<0.1	<0.01	14.6	<0.1	<0.05	4	<0.5	<0.2	
538724	Drill Core	2.84	0.020	4	10	0.91	726	0.002	6	0.42	0.044	0.14	<0.1	0.01	2.3	<0.1	<0.05	1	0.6	<0.2	
538725	Rock	1.49	0.003	4	3	0.47	337	<0.001	4	0.32	0.032	0.10	<0.1	0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
538726	Drill Core	2.74	0.008	3	4	0.64	1114	<0.001	5	0.38	0.040	0.11	<0.1	<0.01	0.4	<0.1	0.08	1	0.7	<0.2	
538727	Drill Core	2.98	0.074	7	5	0.90	355	<0.001	10	0.62	0.075	0.18	<0.1	<0.01	4.1	<0.1	0.10	2	0.8	<0.2	
538728	Drill Core	3.61	0.112	13	4	1.05	159	0.002	15	0.72	0.092	0.25	<0.1	0.02	7.2	<0.1	0.21	3	1.0	<0.2	
538729	Drill Core	3.52	0.121	10	5	0.97	163	0.002	16	0.66	0.095	0.22	<0.1	<0.01	7.3	<0.1	0.08	3	0.5	<0.2	
538730	Drill Core	3.40	0.121	11	4	1.15	303	0.001	11	0.71	0.114	0.25	<0.1	<0.01	6.8	<0.1	0.21	3	0.9	<0.2	
538731	Drill Core	1.44	0.054	7	2	0.61	45	0.001	15	0.63	0.065	0.26	0.1	<0.01	1.8	0.1	2.89	2	2.2	2.1	
538732	Drill Core	1.17	0.053	8	2	0.81	34	0.003	12	0.64	0.056	0.26	0.1	0.01	1.8	0.1	3.46	3	2.2	2.3	
538733	Drill Core	1.52	0.046	4	4	0.79	28	0.002	8	0.53	0.043	0.24	0.2	0.01	1.1	0.1	4.67	2	3.2	2.2	
538734	Drill Core	1.51	0.053	8	3	0.82	51	0.003	7	0.58	0.051	0.25	0.2	0.01	1.6	0.1	3.13	3	2.8	2.2	
538735	Rock Pulp	1.61	0.069	16	58	0.73	60	0.031	5	1.34	0.049	0.51	2.2	0.12	4.5	0.3	1.53	4	1.6	0.6	0.175
538736	Drill Core	1.01	0.049	7	3	0.52	26	0.002	5	0.34	0.038	0.20	0.2	0.01	0.9	0.1	4.29	1	2.5	3.0	0.108
538737	Drill Core	0.88	0.051	4	3	0.45	14	0.001	6	0.35	0.032	0.21	0.2	0.01	0.8	0.1	6.45	<1	4.1	5.0	
538738	Drill Core	0.90	0.063	8	3	0.49	23	0.002	6	0.36	0.046	0.19	0.2	<0.01	1.4	0.1	4.40	2	2.9	4.4	
538739	Drill Core	1.08	0.066	12	3	0.45	32	0.005	5	0.53	0.074	0.20	0.3	0.01	1.6	0.1	4.16	2	2.6	5.9	0.090
538740	Drill Core	0.91	0.062	9	4	0.50	30	0.009	5	0.62	0.050	0.24	0.4	<0.01	1.3	0.1	3.90	3	2.4	2.8	
538741	Drill Core	2.29	0.054	6	3	0.38	31	0.005	5	0.45	0.041	0.22	0.4	<0.01	0.9	0.1	3.21	2	2.1	1.5	
538742	Drill Core	1.53	0.054	10	5	0.52	34	0.016	3	0.70	0.055	0.20	0.2	0.01	1.2	<0.1	2.91	4	2.9	2.0	
538743	Drill Core	1.95	0.073	12	17	0.75	97	0.012	3	0.61	0.082	0.12	0.2	<0.01	3.6	<0.1	1.01	5	0.6	<0.2	
538744	Drill Core	2.10	0.076	14	7	0.86	83	0.009	3	0.72	0.098	0.12	0.1	<0.01	4.0	<0.1	1.27	5	1.8	<0.2	
538745	Drill Core	1.67	0.072	11	24	0.95	59	0.013	6	1.03	0.091	0.20	0.1	0.02	2.9	<0.1	1.72	5	2.9	<0.2	
538746	Drill Core	1.68	0.076	10	23	0.97	59	0.019	8	1.06	0.130	0.17	0.1	0.02	3.5	<0.1	1.56	5	2.1	<0.2	
538747	Drill Core	0.93	0.058	14	4	0.66	42	0.034	4	0.78	0.063	0.24	0.4	0.03	1.9	0.1	1.72	5	2.6	0.6	0.109
538748	Drill Core	0.61	0.066	15	6	0.86	52	0.041	3	0.96	0.074	0.23	0.3	<0.01	2.4	<0.1	1.35	7	1.6	0.3	
538749	Drill Core	3.14	0.078	13	88	1.33	44	0.033	5	1.25	0.078	0.24	0.3	0.02	4.6	<0.1	1.39	7	1.9	<0.2	0.070
538750	Rock Pulp	0.44	0.097	10	28	0.61	38	0.055	5	0.94	0.023	0.53	1.1	0.11	4.9	0.4	2.26	4	6.6	1.3	0.230
538751	Drill Core	0.97	0.083	21	3	0.86	41	0.033	3	0.91	0.062	0.19	0.4	<0.01	2.7	0.2	0.96	6	1.6	<0.2	
538752	Drill Core	0.55	0.068	15	5	0.93	45	0.029	4	0.98	0.061	0.16	0.4	<0.01	2.5	<0.1	0.92	8	1.0	0.3	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-157
 Report Date: August 20, 2010

Page: 4 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000323.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538753	Drill Core		4.56	18.4	972.8	3.1	35	0.6	3.4	4.3	518	3.38	3.2	1.9	56.3	5.7	62	0.1	0.4	0.5	62
538754	Drill Core	0.236	5.35	26.2	2242	3.0	44	1.5	6.6	6.5	433	3.33	2.5	1.3	54.7	5.3	48	0.1	0.2	0.7	53
538755	Drill Core		4.92	38.3	1614	4.0	47	1.0	2.4	4.1	578	3.03	3.0	1.5	39.7	5.9	74	0.1	0.2	0.4	53
538756	Drill Core		4.05	170.1	1187	3.8	31	0.7	3.3	5.1	460	2.62	4.0	1.5	46.4	5.5	66	<0.1	0.2	0.4	43
538757	Drill Core		4.17	26.9	1203	3.8	49	0.8	2.2	6.8	497	3.67	3.5	1.4	36.4	5.5	63	0.1	0.2	0.4	55
538758	Drill Core		4.27	63.9	1724	3.7	40	1.1	2.2	8.1	453	3.31	3.9	1.8	47.0	6.0	55	<0.1	0.3	0.4	52
538759	Drill Core		3.86	88.7	1775	3.3	26	0.8	1.7	3.5	303	1.99	3.2	1.3	57.8	6.0	57	<0.1	0.2	0.2	47
538760	Drill Core		2.99	42.5	1307	3.7	30	0.7	2.3	4.4	335	2.19	2.7	1.3	63.0	6.9	79	<0.1	0.1	0.2	55
538761	Drill Core		4.26	63.9	1479	6.5	37	0.8	2.3	4.6	516	2.32	8.4	1.4	64.3	5.9	96	<0.1	0.2	0.3	55
538762	Drill Core		4.78	116.6	869.1	8.3	30	0.5	2.2	3.2	363	1.76	3.7	1.1	32.6	5.8	74	0.1	0.1	0.2	57
538763	Drill Core		4.41	40.5	906.4	5.2	23	0.5	2.9	2.3	274	1.25	7.8	1.1	24.7	4.7	63	<0.1	0.2	<0.1	51
538764	Drill Core		4.19	12.2	1005	6.7	45	0.7	4.3	4.9	499	2.51	7.6	1.6	31.2	5.3	74	0.2	0.3	0.3	47
538765	Rock		0.29	1.2	19.7	4.2	48	<0.1	23.5	7.6	395	2.28	3.2	0.6	0.6	3.4	48	<0.1	0.3	0.1	43
538766	Drill Core		4.01	115.3	838.9	15.8	38	0.7	2.6	7.1	385	2.31	6.0	1.3	24.8	4.6	71	0.1	0.1	0.6	44
538767	Drill Core		3.54	427.8	843.8	46.7	47	1.0	2.8	8.1	417	2.62	6.2	1.0	16.1	3.8	80	0.2	0.1	1.2	48
538768	Drill Core	0.277	5.09	43.3	2644	6.2	69	1.9	2.5	9.2	433	2.37	6.4	1.0	55.5	4.3	75	0.3	0.2	0.3	41
538769	Drill Core		4.28	222.7	1827	4.6	47	1.2	1.7	10.2	335	2.21	10.9	1.0	49.2	4.6	54	<0.1	0.2	0.2	36
538770	Drill Core	0.228	4.29	14.6	2040	7.3	83	1.4	2.5	11.7	344	3.30	51.2	1.6	67.0	4.8	53	0.4	0.2	0.4	33
538771	Drill Core		3.53	44.4	1033	14.4	195	0.7	1.8	6.1	292	1.85	100.6	3.2	25.3	4.7	54	1.1	0.2	0.3	41
538772	Drill Core		4.33	43.7	729.2	9.8	49	0.6	1.5	3.0	284	1.18	70.7	3.2	14.3	4.9	41	0.3	0.1	0.1	40
538773	Drill Core		4.30	318.6	537.2	24.5	75	0.5	1.5	2.8	239	1.36	81.7	2.1	8.1	5.9	28	0.4	0.2	0.4	37
538774	Drill Core		3.98	237.7	1033	43.0	100	1.1	1.5	6.9	224	5.09	121.7	1.9	44.4	4.3	38	1.0	0.3	0.8	42
538775	Drill Core		3.91	43.1	1014	24.6	43	0.7	1.4	2.7	212	1.33	10.7	1.2	28.4	5.2	42	0.3	0.1	0.2	40
538776	Drill Core		4.64	54.7	1771	11.3	43	1.2	2.4	10.2	213	4.10	7.5	2.2	76.4	5.0	26	0.4	0.1	0.4	40
538777	Drill Core		4.08	53.2	1226	5.9	38	1.0	2.2	6.0	252	2.27	5.9	1.9	27.5	6.6	39	0.2	<0.1	0.2	41
538778	Drill Core		4.89	284.0	862.2	103.3	32	1.0	1.9	11.6	157	8.59	43.0	2.5	29.9	4.2	22	0.2	0.3	1.3	51
538779	Drill Core		4.29	185.8	481.7	28.0	34	0.4	1.8	16.6	183	5.94	34.6	1.7	36.9	3.9	24	0.1	0.1	0.7	33
538780	Drill Core		1.73	27.5	642.6	25.6	50	0.6	1.7	6.0	236	2.89	131.2	2.4	74.4	4.8	30	0.3	0.2	0.5	35
538781	Drill Core		2.14	33.1	595.2	22.5	46	0.6	2.2	5.8	236	2.98	96.6	2.3	96.8	5.0	29	0.4	0.3	0.6	36
538782	Drill Core		3.48	96.6	1684	191.0	84	2.3	1.8	42.6	302	12.52	36.0	3.1	61.3	1.6	123	1.2	0.2	2.6	63

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-157
 Report Date: August 20, 2010

Page: 4 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000323.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
538753	Drill Core	0.74	0.060	16	6	0.84	49	0.027	3	0.80	0.061	0.19	0.4	0.02	2.4	<0.1	0.66	6	<0.5	0.3
538754	Drill Core	0.80	0.060	12	4	0.68	49	0.028	2	0.82	0.061	0.23	0.3	<0.01	1.7	<0.1	1.47	6	1.2	0.7
538755	Drill Core	0.99	0.055	14	5	0.63	46	0.019	3	0.74	0.075	0.18	0.3	<0.01	2.0	<0.1	0.92	5	<0.5	0.4
538756	Drill Core	1.16	0.058	15	4	0.48	44	0.008	3	0.45	0.060	0.20	0.3	0.01	1.7	<0.1	1.16	3	1.8	0.6
538757	Drill Core	0.94	0.055	15	5	0.57	44	0.012	3	0.54	0.062	0.27	0.4	<0.01	1.9	0.1	1.32	4	1.2	0.2
538758	Drill Core	0.93	0.060	16	4	0.53	48	0.005	3	0.41	0.065	0.19	0.4	<0.01	2.0	<0.1	0.95	3	1.1	<0.2
538759	Drill Core	0.81	0.057	15	7	0.37	51	0.005	3	0.40	0.077	0.17	0.2	<0.01	2.2	<0.1	0.53	3	0.7	<0.2
538760	Drill Core	0.81	0.063	16	5	0.51	52	0.006	2	0.49	0.084	0.16	0.2	<0.01	2.8	<0.1	0.48	3	0.9	<0.2
538761	Drill Core	1.68	0.053	15	3	0.87	54	0.003	3	0.46	0.087	0.14	0.1	0.01	2.8	<0.1	0.64	3	1.7	0.2
538762	Drill Core	1.30	0.054	13	3	0.64	80	0.002	2	0.36	0.066	0.14	0.2	0.01	2.7	<0.1	0.54	2	<0.5	<0.2
538763	Drill Core	1.07	0.056	13	3	0.53	58	0.002	3	0.37	0.077	0.16	<0.1	<0.01	2.7	<0.1	0.39	2	<0.5	<0.2
538764	Drill Core	1.39	0.058	12	3	0.67	54	0.005	3	0.41	0.063	0.20	0.2	<0.01	2.2	<0.1	1.22	3	<0.5	<0.2
538765	Rock	0.44	0.075	14	20	0.56	147	0.113	1	0.89	0.128	0.18	<0.1	<0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
538766	Drill Core	1.06	0.058	12	2	0.55	48	0.005	2	0.36	0.053	0.19	0.3	0.01	1.9	<0.1	1.39	2	1.4	<0.2
538767	Drill Core	1.02	0.051	14	4	0.56	54	0.004	2	0.33	0.056	0.15	0.3	0.01	1.9	<0.1	1.52	2	1.9	<0.2
538768	Drill Core	0.93	0.050	15	3	0.54	41	0.005	3	0.37	0.073	0.14	0.2	<0.01	2.4	<0.1	1.23	3	1.7	<0.2
538769	Drill Core	0.80	0.048	12	3	0.49	33	0.006	2	0.38	0.069	0.16	0.2	<0.01	2.0	<0.1	1.29	3	1.9	<0.2
538770	Drill Core	0.68	0.050	13	3	0.49	36	0.006	2	0.31	0.055	0.17	0.2	0.02	1.6	<0.1	2.30	3	2.5	0.2
538771	Drill Core	1.10	0.052	9	3	0.53	46	0.003	2	0.21	0.052	0.11	0.1	0.02	2.0	<0.1	1.05	1	1.3	<0.2
538772	Drill Core	0.98	0.054	10	3	0.39	121	0.003	2	0.21	0.062	0.11	<0.1	0.01	2.0	<0.1	0.47	1	0.8	<0.2
538773	Drill Core	0.73	0.061	8	3	0.35	38	0.002	2	0.22	0.059	0.11	0.1	0.02	1.6	<0.1	0.78	1	1.2	<0.2
538774	Drill Core	0.91	0.042	6	4	0.45	26	0.002	1	0.22	0.036	0.14	0.5	0.04	1.2	<0.1	4.12	1	2.7	0.6
538775	Drill Core	0.81	0.057	10	4	0.34	49	0.006	1	0.28	0.065	0.15	0.2	<0.01	2.1	<0.1	0.61	2	1.0	<0.2
538776	Drill Core	0.62	0.052	7	4	0.40	36	0.006	2	0.32	0.040	0.21	1.5	0.03	1.2	<0.1	2.91	2	2.9	0.5
538777	Drill Core	0.91	0.059	11	4	0.36	53	0.008	2	0.29	0.063	0.17	0.4	0.01	2.0	<0.1	1.39	2	2.2	<0.2
538778	Drill Core	0.46	0.034	7	4	0.28	17	0.004	2	0.21	0.030	0.14	4.2	0.03	0.9	<0.1	5.53	2	4.0	<0.2
538779	Drill Core	0.63	0.042	6	4	0.31	19	0.003	2	0.25	0.029	0.15	1.3	0.03	0.8	<0.1	4.51	1	1.9	<0.2
538780	Drill Core	0.92	0.054	7	3	0.40	49	0.003	2	0.26	0.031	0.17	0.5	0.04	1.3	<0.1	2.16	2	0.8	0.3
538781	Drill Core	0.91	0.054	8	4	0.41	41	0.003	2	0.27	0.034	0.19	0.5	0.12	1.4	<0.1	2.21	1	0.8	<0.2
538782	Drill Core	1.80	0.010	5	5	0.26	13	0.004	2	0.13	0.022	0.07	5.1	0.03	0.5	<0.1	7.86	1	7.0	0.5

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-157
 Report Date: August 20, 2010

Page: 5 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000323.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538783	Drill Core		4.43	217.7	1757	32.4	90	1.7	2.1	12.1	261	4.00	45.6	3.1	84.4	4.4	32	1.4	0.2	0.5	31
538784	Drill Core		4.45	112.6	869.7	215.5	604	1.2	1.6	10.8	221	2.62	18.8	1.8	35.1	4.6	23	3.6	0.1	0.9	35
538785	Drill Core	0.302	4.12	440.3	2852	70.5	238	1.8	3.7	60.3	231	8.82	57.1	1.7	53.5	3.6	26	1.5	0.5	0.7	49
538786	Drill Core		3.60	215.0	537.1	62.2	140	0.6	2.2	4.7	463	1.97	22.0	1.4	9.2	4.5	46	0.9	0.1	0.5	49
538787	Drill Core		4.63	119.4	284.9	98.9	262	0.6	2.1	53.4	294	10.57	13.5	0.8	17.5	4.1	33	1.7	0.1	2.1	40
538788	Drill Core		3.51	1385	520.2	112.3	452	0.6	1.4	47.5	264	4.30	18.6	1.4	11.3	3.3	34	3.0	0.2	1.2	46
538789	Drill Core		3.93	440.3	1666	98.5	592	2.3	2.7	20.7	345	2.91	65.0	1.7	30.2	5.1	46	4.4	0.2	1.0	41
538790	Drill Core		4.23	90.8	1772	34.2	171	1.5	2.3	3.3	374	1.60	55.7	2.9	17.0	5.9	58	1.3	0.2	0.4	46
538791	Drill Core		4.05	81.1	1476	17.5	60	1.0	1.9	3.5	418	1.58	128.0	3.3	13.2	5.8	37	0.3	0.2	0.2	56
538792	Drill Core		3.04	57.0	1309	65.2	118	1.3	1.7	3.6	450	1.45	284.0	4.9	17.3	5.4	34	0.7	0.7	0.3	49
538793	Drill Core		5.04	21.1	672.1	31.2	94	0.6	1.8	5.2	569	1.90	32.1	2.1	10.1	7.3	74	0.5	0.1	0.1	46
538794	Drill Core		4.40	28.6	387.6	37.3	90	0.4	2.1	4.6	507	1.72	6.2	1.8	5.8	6.9	86	0.4	<0.1	0.2	48
538795	Rock Pulp		0.10	148.6	1667	22.4	62	1.9	16.5	16.3	338	3.79	24.8	4.3	225.9	9.5	59	1.1	6.3	2.3	52
538796	Drill Core		4.58	282.0	758.4	22.5	65	0.6	2.3	8.0	436	1.85	8.7	1.6	11.3	6.8	66	0.3	0.1	0.1	51
538797	Drill Core		4.88	51.5	804.9	58.9	140	0.8	1.8	7.2	517	2.40	14.5	2.1	13.3	5.3	75	0.7	<0.1	0.4	52
538798	Drill Core		5.18	34.5	904.7	74.8	160	1.1	1.9	6.7	528	1.90	54.6	2.2	14.0	5.6	69	1.0	0.2	0.6	55
538799	Drill Core		3.91	45.3	622.1	142.9	175	0.9	3.0	6.1	505	1.81	162.8	3.8	6.3	3.0	61	1.3	0.6	0.7	32
538800	Drill Core		3.83	25.5	686.8	35.9	141	0.7	1.6	5.9	601	1.89	210.8	2.1	9.3	3.6	49	0.8	0.3	0.3	44
538801	Drill Core		3.94	57.5	1425	87.4	140	1.2	1.6	5.6	586	1.84	382.0	4.1	9.8	4.2	55	1.1	0.7	0.4	55
538802	Drill Core	0.322	4.51	190.4	3319	54.3	100	2.8	2.5	8.6	510	2.23	329.9	4.7	19.4	4.8	54	0.8	0.5	0.6	46
538803	Drill Core		4.34	8.6	683.0	25.2	102	0.7	1.8	3.9	733	2.04	67.9	1.5	9.1	6.5	54	0.4	<0.1	0.2	52
538804	Drill Core		4.49	99.7	786.4	166.2	79	1.2	2.6	40.2	517	2.94	76.9	1.7	4.7	5.6	58	0.6	0.2	1.5	48
538805	Drill Core		3.95	105.3	678.7	21.4	67	0.5	2.6	7.0	526	1.44	55.4	2.4	12.1	5.0	63	0.4	0.3	0.2	50
538806	Drill Core		4.41	51.0	776.5	22.0	62	0.7	1.9	13.7	395	2.09	209.3	1.7	8.0	2.2	51	0.5	1.5	0.3	29
538807	Drill Core		3.45	130.4	712.4	79.6	80	1.2	2.5	22.9	374	2.58	159.4	1.4	10.3	2.3	36	0.8	0.9	1.1	20
538808	Drill Core	0.358	4.41	115.3	2887	50.5	1061	2.7	4.4	51.3	337	3.59	414.6	1.0	9.9	2.2	36	8.5	0.9	0.8	32
538809	Drill Core		4.13	134.6	1584	21.7	58	1.4	5.5	58.6	220	6.41	289.9	0.7	7.6	1.7	32	0.7	0.4	0.8	19
538810	Rock Pulp	0.455	0.11	191.8	3601	35.7	122	2.0	17.7	17.1	443	3.95	98.8	0.6	344.5	1.5	27	1.1	5.2	0.6	66
538811	Drill Core		2.92	151.0	303.7	32.1	120	0.5	5.0	112.3	307	5.88	96.3	1.5	3.0	1.6	35	0.5	0.3	1.0	46
538812	Drill Core		3.87	353.2	872.2	18.8	85	0.9	3.8	64.3	380	2.87	250.8	1.7	4.7	2.6	40	0.7	0.6	0.5	25



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-157
 Report Date: August 20, 2010

Page: 5 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000323.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
538783	Drill Core	0.68	0.054	10	4	0.39	25	0.005	2	0.32	0.030	0.21	0.8	0.03	0.9	<0.1	3.29	2	2.7	0.5	
538784	Drill Core	0.57	0.053	10	5	0.32	48	0.004	1	0.27	0.040	0.19	0.5	0.07	1.2	<0.1	2.07	2	1.8	0.7	
538785	Drill Core	0.42	0.036	7	3	0.37	16	0.002	3	0.27	0.031	0.13	1.0	0.09	1.1	<0.1	6.21	2	3.9	0.8	
538786	Drill Core	0.94	0.050	13	5	0.46	50	0.003	2	0.24	0.050	0.13	0.4	0.02	1.4	<0.1	0.80	1	0.7	<0.2	
538787	Drill Core	0.70	0.034	9	3	0.39	14	0.004	1	0.27	0.035	0.16	0.6	0.06	1.3	<0.1	9.14	2	3.0	0.4	
538788	Drill Core	0.75	0.033	9	5	0.39	32	0.005	2	0.25	0.042	0.15	2.2	0.10	0.9	<0.1	2.80	1	2.0	<0.2	
538789	Drill Core	0.89	0.047	9	4	0.47	41	0.004	2	0.28	0.050	0.14	0.3	0.13	1.4	<0.1	2.40	1	2.4	0.2	
538790	Drill Core	1.03	0.055	12	4	0.53	64	0.004	2	0.26	0.069	0.12	0.1	0.04	2.1	<0.1	0.82	2	1.5	<0.2	
538791	Drill Core	1.02	0.056	12	4	0.47	51	0.005	1	0.26	0.066	0.12	0.1	0.02	2.6	<0.1	0.56	2	0.9	<0.2	
538792	Drill Core	1.11	0.046	11	4	0.49	51	0.004	3	0.26	0.060	0.13	<0.1	0.02	2.4	<0.1	0.51	2	1.0	<0.2	
538793	Drill Core	1.48	0.052	14	4	0.61	144	0.004	3	0.32	0.083	0.13	0.2	0.01	2.7	<0.1	0.54	2	1.0	<0.2	
538794	Drill Core	1.29	0.057	14	4	0.52	91	0.007	4	0.41	0.101	0.13	0.2	<0.01	2.8	<0.1	0.42	3	0.9	0.2	
538795	Rock Pulp	1.68	0.062	17	62	0.79	55	0.032	4	1.32	0.050	0.49	2.1	0.10	4.6	0.3	1.62	4	2.2	0.3	0.222
538796	Drill Core	1.11	0.054	12	5	0.42	142	0.006	3	0.35	0.079	0.13	0.3	0.02	2.6	<0.1	0.71	3	0.7	0.3	
538797	Drill Core	0.87	0.056	14	6	0.47	63	0.005	3	0.34	0.082	0.13	0.3	<0.01	3.1	<0.1	0.86	3	<0.5	<0.2	
538798	Drill Core	1.15	0.068	15	6	0.50	62	0.003	3	0.33	0.076	0.12	0.2	0.01	2.9	<0.1	0.43	2	0.9	0.3	
538799	Drill Core	1.48	0.049	6	3	0.53	151	<0.001	5	0.38	0.055	0.18	0.1	0.03	1.9	<0.1	0.68	2	0.8	<0.2	
538800	Drill Core	1.80	0.044	8	4	0.68	150	0.001	3	0.27	0.055	0.12	0.1	0.02	2.0	<0.1	0.69	1	<0.5	<0.2	
538801	Drill Core	2.03	0.047	9	4	0.84	134	0.001	2	0.26	0.055	0.11	0.1	0.03	2.3	<0.1	0.66	1	0.8	<0.2	
538802	Drill Core	1.61	0.059	10	5	0.66	111	0.002	2	0.30	0.053	0.15	0.3	0.04	2.4	<0.1	1.24	2	1.4	<0.2	
538803	Drill Core	1.14	0.054	14	5	0.53	100	0.003	2	0.32	0.065	0.14	0.2	0.02	2.8	<0.1	0.42	2	0.6	<0.2	
538804	Drill Core	1.44	0.042	13	5	0.66	54	0.004	2	0.21	0.054	0.12	0.2	0.02	1.7	<0.1	1.73	1	3.0	<0.2	
538805	Drill Core	1.42	0.053	11	5	0.58	57	0.002	2	0.21	0.057	0.12	<0.1	0.02	2.7	<0.1	0.51	1	0.8	<0.2	
538806	Drill Core	1.47	0.031	4	2	0.48	110	<0.001	4	0.21	0.040	0.11	0.1	0.04	1.8	<0.1	1.12	<1	0.8	<0.2	
538807	Drill Core	1.21	0.037	3	3	0.41	61	<0.001	2	0.21	0.040	0.12	<0.1	0.06	1.8	<0.1	1.91	<1	1.1	0.4	
538808	Drill Core	1.14	0.034	5	3	0.42	41	<0.001	1	0.14	0.023	0.11	0.2	0.39	1.7	<0.1	2.71	<1	2.4	<0.2	
538809	Drill Core	1.12	0.023	3	5	0.39	17	<0.001	1	0.14	0.021	0.13	0.2	0.11	0.7	0.1	6.00	<1	6.0	<0.2	
538810	Rock Pulp	0.39	0.085	8	22	0.56	33	0.046	1	0.80	0.021	0.52	0.8	0.11	5.0	0.4	2.04	3	6.3	1.0	0.448
538811	Drill Core	1.30	0.022	4	4	0.54	30	<0.001	<1	0.11	0.019	0.11	0.3	0.08	0.7	<0.1	3.46	<1	2.8	0.2	
538812	Drill Core	1.51	0.037	7	5	0.53	64	<0.001	2	0.17	0.032	0.11	0.3	0.10	1.4	<0.1	2.17	<1	1.7	0.4	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-157
 Report Date: August 20, 2010

Page: 6 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000323.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538813	Drill Core		4.34	331.9	318.5	6.1	63	0.4	2.3	1.6	481	1.31	91.5	3.0	2.9	4.2	79	0.4	0.2	0.1	56
538814	Drill Core		4.37	18.3	280.7	10.8	72	0.3	8.0	8.0	621	2.10	62.7	3.6	2.2	3.6	115	0.2	0.3	0.2	70
538815	Drill Core		4.24	75.6	359.4	10.9	107	0.3	28.8	16.4	1259	3.13	42.3	1.4	3.0	2.9	252	0.3	4.0	0.2	73
538816	Drill Core		3.68	112.6	1392	8.4	71	1.2	3.2	7.1	648	1.88	16.9	1.3	29.9	4.9	103	0.3	0.2	0.3	51
538817	Drill Core		3.90	78.5	1943	11.5	58	2.2	9.6	4.9	683	1.69	10.2	1.5	30.9	4.0	123	0.4	<0.1	0.5	44
538818	Drill Core	0.395	2.20	82.4	3365	10.1	54	4.1	7.6	8.2	612	1.69	26.8	1.7	53.6	5.0	98	0.4	0.3	0.6	43
538819	Drill Core		4.97	13.6	304.5	6.3	68	0.2	91.9	24.2	1097	3.81	4.4	0.7	12.3	1.3	312	<0.1	0.2	0.2	96
538820	Drill Core		4.52	40.9	364.6	7.9	66	0.4	39.4	19.4	1018	2.81	4.1	0.9	5.5	2.9	234	0.2	0.2	0.3	56
538821	Drill Core		3.80	13.8	346.2	12.7	71	0.4	17.4	13.0	782	2.34	8.2	0.9	5.7	2.3	229	0.6	0.3	0.2	46
538822	Drill Core		2.65	7.2	181.7	6.4	59	0.2	30.0	18.1	780	2.66	4.1	0.4	4.2	0.8	273	<0.1	0.2	0.2	64
538823	Drill Core		4.68	38.3	889.1	6.7	43	0.6	31.0	45.4	923	3.24	14.9	0.9	69.4	3.0	248	0.1	0.4	0.5	44
538824	Drill Core		4.49	16.4	416.6	7.1	56	0.3	41.8	17.8	1166	2.54	54.6	1.4	5.2	2.2	243	0.2	4.4	0.1	52
538825	Drill Core		0.48	0.8	29.7	3.0	47	<0.1	19.9	9.0	422	2.20	3.0	0.5	<0.5	3.0	27	0.1	0.3	<0.1	40
538826	Drill Core		5.96	17.9	195.1	9.6	73	0.2	41.4	11.4	1047	2.30	6.2	1.6	2.5	3.6	207	0.1	0.3	0.1	45
538827	Drill Core		4.95	39.9	293.3	6.4	77	0.3	51.9	10.2	987	2.93	12.0	3.5	5.1	3.7	126	0.1	0.2	<0.1	39
538828	Drill Core		3.71	65.3	204.9	9.2	46	0.1	4.8	3.5	832	1.87	15.2	2.7	3.7	4.5	111	0.1	0.2	<0.1	32
538829	Drill Core		3.33	18.0	173.0	9.3	43	0.1	2.7	5.0	1179	2.08	19.4	2.6	2.2	4.7	170	0.1	0.2	<0.1	32
538830	Drill Core		4.41	3.6	200.6	5.8	33	0.1	9.4	5.3	693	1.90	12.8	1.7	6.0	4.3	136	<0.1	0.2	<0.1	40
538831	Drill Core		4.92	10.2	134.6	3.1	131	<0.1	304.9	37.6	1394	4.22	3.9	0.3	1.3	0.8	135	<0.1	<0.1	<0.1	132
538832	Drill Core		5.33	23.0	264.0	3.0	150	0.2	268.3	32.6	1733	4.05	5.1	0.6	1.4	1.4	158	0.1	<0.1	<0.1	113
538833	Drill Core		4.44	8.6	259.5	20.9	60	0.2	27.7	19.5	810	2.71	3.9	1.4	4.1	3.2	95	<0.1	<0.1	0.3	64
538834	Drill Core		6.88	21.8	331.1	16.5	81	0.5	32.2	14.2	835	2.72	20.0	1.2	6.1	3.0	132	0.2	0.4	0.2	50
538835	Drill Core		5.41	12.6	170.3	11.8	59	0.1	5.2	6.7	699	1.85	3.8	1.6	2.7	3.9	167	<0.1	0.1	<0.1	32
538836	Drill Core		4.61	47.9	192.7	9.9	62	0.1	3.0	6.7	707	1.83	4.0	1.8	3.0	4.0	161	<0.1	0.1	<0.1	29
538837	Drill Core		4.68	6.5	191.3	9.3	54	0.1	9.8	5.8	590	2.04	3.3	2.0	3.6	5.1	156	<0.1	<0.1	<0.1	40
538838	Drill Core		4.76	3.9	159.2	7.9	41	0.1	3.5	4.5	560	1.90	4.1	1.9	4.1	4.7	136	<0.1	0.1	<0.1	42
538839	Drill Core		4.06	3.6	141.4	7.2	37	0.1	2.2	4.2	551	1.89	3.2	1.8	3.9	4.5	116	<0.1	<0.1	<0.1	40
538840	Drill Core		1.35	3.7	210.8	7.7	37	0.2	2.3	4.6	548	2.19	3.1	1.4	17.9	4.2	123	0.1	0.1	<0.1	47
538841	Drill Core		1.59	2.6	216.1	9.2	34	0.2	2.1	4.7	539	2.02	2.8	1.4	5.5	3.9	108	<0.1	<0.1	<0.1	44



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-157
 Report Date: August 20, 2010

Page: 6 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000323.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.05	1	0.5	0.2	0.005		
538813	Drill Core	1.96	0.050	7	4	0.83	187	0.002	1	0.19	0.056	0.09	0.2	0.05	2.7	<0.1	0.28	1	<0.5	<0.2	
538814	Drill Core	2.99	0.057	6	10	1.25	194	0.002	1	0.19	0.059	0.10	0.1	0.05	3.9	<0.1	0.78	1	0.6	<0.2	
538815	Drill Core	3.49	0.068	6	90	1.36	76	0.003	4	0.43	0.147	0.15	0.1	0.10	18.3	<0.1	0.55	2	0.6	<0.2	
538816	Drill Core	1.76	0.050	10	4	0.86	79	0.001	6	0.39	0.076	0.13	0.1	0.02	2.8	<0.1	0.50	2	0.7	<0.2	
538817	Drill Core	2.49	0.051	10	13	1.07	310	<0.001	5	0.34	0.072	0.12	<0.1	0.02	3.0	<0.1	0.37	2	1.3	<0.2	
538818	Drill Core	1.96	0.059	11	5	0.88	159	0.002	5	0.31	0.080	0.12	<0.1	0.02	2.8	<0.1	0.55	2	1.7	<0.2	
538819	Drill Core	5.75	0.112	7	134	1.55	48	0.020	7	0.82	0.151	0.14	0.1	0.02	12.0	<0.1	0.34	4	<0.5	0.2	
538820	Drill Core	3.38	0.102	8	56	1.13	73	0.016	6	0.82	0.128	0.19	0.1	0.02	8.2	<0.1	0.39	4	<0.5	<0.2	
538821	Drill Core	2.60	0.081	7	26	0.88	48	0.027	4	0.58	0.124	0.11	0.1	0.02	5.1	<0.1	0.54	2	<0.5	<0.2	
538822	Drill Core	3.74	0.115	5	42	0.93	48	0.047	3	0.79	0.168	0.11	0.1	0.01	8.6	<0.1	0.22	4	<0.5	<0.2	
538823	Drill Core	3.72	0.060	6	28	0.73	86	0.003	6	0.44	0.084	0.21	0.2	0.02	4.4	<0.1	1.09	2	1.2	<0.2	
538824	Drill Core	5.52	0.081	4	57	0.96	88	0.004	8	0.72	0.084	0.25	0.2	0.02	7.4	<0.1	0.27	3	<0.5	0.2	
538825	Drill Core	0.40	0.070	11	22	0.51	98	0.086	2	0.87	0.057	0.14	<0.1	0.02	2.8	<0.1	<0.05	3	<0.5	<0.2	
538826	Drill Core	2.92	0.064	10	59	1.11	48	0.015	3	0.69	0.084	0.11	0.2	0.02	4.1	<0.1	0.52	4	<0.5	<0.2	
538827	Drill Core	1.32	0.054	21	60	1.35	58	0.012	4	0.78	0.107	0.09	0.1	0.01	2.8	<0.1	0.52	6	0.7	<0.2	
538828	Drill Core	1.56	0.054	16	6	0.79	22	0.004	2	0.31	0.101	0.07	<0.1	<0.01	2.4	<0.1	0.35	2	<0.5	<0.2	
538829	Drill Core	3.23	0.051	16	3	1.26	27	0.002	4	0.34	0.118	0.07	<0.1	0.01	2.6	<0.1	0.32	2	0.5	<0.2	
538830	Drill Core	1.92	0.052	13	12	0.97	39	0.004	4	0.51	0.106	0.09	<0.1	<0.01	3.2	<0.1	0.35	4	<0.5	<0.2	
538831	Drill Core	3.16	0.106	5	553	5.33	102	0.126	3	2.62	0.089	0.38	<0.1	0.01	5.5	<0.1	0.64	12	1.1	<0.2	
538832	Drill Core	4.68	0.094	6	472	3.73	223	0.089	5	2.15	0.083	0.33	0.1	<0.01	7.8	<0.1	0.61	11	0.9	<0.2	
538833	Drill Core	2.07	0.072	6	41	1.18	83	0.067	3	1.05	0.088	0.13	0.1	0.01	4.5	<0.1	1.10	6	1.8	<0.2	
538834	Drill Core	1.50	0.075	8	51	1.17	83	0.031	5	1.21	0.099	0.12	<0.1	0.01	2.8	<0.1	0.99	7	1.1	<0.2	
538835	Drill Core	1.22	0.054	6	9	0.69	179	0.016	4	1.20	0.147	0.13	<0.1	<0.01	1.9	<0.1	0.48	5	0.8	<0.2	
538836	Drill Core	1.20	0.054	6	6	0.59	142	0.010	5	1.03	0.124	0.09	<0.1	<0.01	1.6	<0.1	0.53	5	0.6	<0.2	
538837	Drill Core	1.26	0.057	7	18	0.67	97	0.031	6	1.12	0.149	0.11	<0.1	<0.01	2.4	<0.1	0.47	6	0.7	<0.2	
538838	Drill Core	1.39	0.058	8	6	0.55	195	0.040	5	0.90	0.122	0.08	<0.1	<0.01	2.2	<0.1	0.31	5	0.5	<0.2	
538839	Drill Core	1.58	0.055	10	4	0.48	169	0.023	4	0.78	0.104	0.09	<0.1	<0.01	2.2	<0.1	0.31	5	0.6	<0.2	
538840	Drill Core	1.59	0.057	10	3	0.51	47	0.017	6	0.80	0.107	0.09	0.2	0.03	2.1	<0.1	0.48	5	0.6	<0.2	
538841	Drill Core	1.84	0.055	10	3	0.43	47	0.014	4	0.70	0.098	0.09	0.1	0.02	2.1	<0.1	0.46	4	0.6	<0.2	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-157
Report Date: August 20, 2010

Page: 1 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000323.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	
Pulp Duplicates																					
538726	Drill Core	5.35	1.8	216.6	1.9	8	<0.1	1.1	2.8	361	0.71	55.5	0.9	8.1	2.3	189	<0.1	<0.1	<0.1	10	
REP 538726	QC		1.9	212.9	1.9	7	<0.1	0.8	2.8	361	0.70	55.8	0.9	10.6	2.2	184	<0.1	<0.1	<0.1	10	
538742	Drill Core	0.302	3.47	39.0	2801	40.0	31	1.9	2.3	10.1	401	3.88	5.3	1.7	98.9	5.3	53	0.1	0.5	3.7	35
REP 538742	QC			40.6	2790	39.9	32	2.0	2.5	10.6	412	3.99	5.4	1.7	135.4	5.3	54	0.2	0.4	3.7	36
538783	Drill Core	4.43	217.7	1757	32.4	90	1.7	2.1	12.1	261	4.00	45.6	3.1	84.4	4.4	32	1.4	0.2	0.5	31	
REP 538783	QC		215.3	1755	32.6	91	1.7	1.9	11.2	260	3.99	42.9	3.0	90.7	4.6	32	1.0	0.3	0.5	31	
538808	Drill Core	0.358	4.41	115.3	2887	50.5	1061	2.7	4.4	51.3	337	3.59	414.6	1.0	9.9	2.2	36	8.5	0.9	0.8	32
REP 538808	QC	0.361																			
538819	Drill Core	4.97	13.6	304.5	6.3	68	0.2	91.9	24.2	1097	3.81	4.4	0.7	12.3	1.3	312	<0.1	0.2	0.2	96	
REP 538819	QC		12.8	288.6	6.1	62	0.2	85.6	23.4	1050	3.58	4.1	0.7	12.5	1.2	288	<0.1	0.2	0.2	89	
Core Reject Duplicates																					
538718	Drill Core	2.99	2.9	79.4	2.4	6	<0.1	0.5	1.0	136	0.58	8.9	0.6	3.2	7.3	74	<0.1	<0.1	<0.1	6	
DUP 538718	QC		3.0	78.6	2.2	6	<0.1	0.6	1.2	122	0.58	10.6	0.5	3.2	6.5	72	<0.1	<0.1	<0.1	7	
538753	Drill Core	4.56	18.4	972.8	3.1	35	0.6	3.4	4.3	518	3.38	3.2	1.9	56.3	5.7	62	0.1	0.4	0.5	62	
DUP 538753	QC		19.8	982.1	3.3	35	0.6	3.3	4.6	525	3.42	3.4	2.0	44.4	5.6	63	<0.1	0.4	0.5	62	
538788	Drill Core	3.51	1385	520.2	112.3	452	0.6	1.4	47.5	264	4.30	18.6	1.4	11.3	3.3	34	3.0	0.2	1.2	46	
DUP 538788	QC		1421	532.4	117.6	482	0.7	1.4	46.7	258	4.45	19.3	1.4	9.6	3.7	33	3.1	0.2	1.2	47	
538823	Drill Core	4.68	38.3	889.1	6.7	43	0.6	31.0	45.4	923	3.24	14.9	0.9	69.4	3.0	248	0.1	0.4	0.5	44	
DUP 538823	QC		37.8	849.6	6.2	39	0.5	29.2	41.5	960	3.14	12.6	0.9	21.4	2.7	251	0.2	0.4	0.4	43	
Reference Materials																					
STD DS7	Standard		21.8	105.2	69.4	404	1.0	54.9	8.9	638	2.43	51.5	5.0	67.2	4.6	82	6.0	6.4	4.9	85	
STD DS7	Standard		20.9	108.4	71.3	396	1.0	55.4	9.5	621	2.37	48.9	4.9	76.2	4.7	80	5.6	5.9	4.9	82	
STD DS7	Standard		20.7	107.4	69.3	385	1.0	53.6	8.7	612	2.34	48.1	4.7	68.1	4.7	73	6.6	6.3	4.7	81	
STD DS7	Standard		21.8	114.7	73.6	398	0.9	56.0	9.8	635	2.47	51.5	5.2	87.3	5.1	73	6.6	5.8	5.0	82	
STD DS7	Standard		22.9	113.2	72.0	398	1.0	58.6	9.8	662	2.49	52.8	5.3	80.9	5.1	77	6.6	6.0	4.8	83	
STD DS7	Standard		20.1	102.5	62.0	372	0.9	51.6	9.0	610	2.33	49.5	4.8	63.1	4.2	66	6.3	5.4	4.5	77	
STD DS7	Standard		19.4	102.2	63.1	375	0.9	52.2	9.1	596	2.36	48.2	5.0	63.9	4.2	63	6.3	5.6	4.6	78	
STD DS7	Standard		21.6	112.8	65.4	412	0.9	55.8	9.3	631	2.43	50.6	5.2	69.4	4.4	70	6.2	5.5	4.6	83	

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-157
Report Date: August 20, 2010

Page: 1 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000323.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
MDL		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
Pulp Duplicates																					
538726	Drill Core	2.74	0.008	3	4	0.64	1114	<0.001	5	0.38	0.040	0.11	<0.1	<0.01	0.4	<0.1	0.08	1	0.7	<0.2	
REP 538726	QC	2.75	0.008	3	4	0.63	1137	<0.001	5	0.38	0.039	0.11	<0.1	<0.01	0.5	<0.1	0.07	1	0.5	<0.2	
538742	Drill Core	1.53	0.054	10	5	0.52	34	0.016	3	0.70	0.055	0.20	0.2	0.01	1.2	<0.1	2.91	4	2.9	2.0	
REP 538742	QC	1.56	0.055	10	5	0.50	35	0.017	4	0.71	0.055	0.20	0.2	<0.01	1.3	<0.1	3.06	4	2.3	2.4	
538783	Drill Core	0.68	0.054	10	4	0.39	25	0.005	2	0.32	0.030	0.21	0.8	0.03	0.9	<0.1	3.29	2	2.7	0.5	
REP 538783	QC	0.69	0.051	10	4	0.39	27	0.004	2	0.32	0.030	0.22	0.8	0.04	1.0	<0.1	3.22	2	2.6	0.5	
538808	Drill Core	1.14	0.034	5	3	0.42	41	<0.001	1	0.14	0.023	0.11	0.2	0.39	1.7	<0.1	2.71	<1	2.4	<0.2	
REP 538808	QC																				
538819	Drill Core	5.75	0.112	7	134	1.55	48	0.020	7	0.82	0.151	0.14	0.1	0.02	12.0	<0.1	0.34	4	<0.5	0.2	
REP 538819	QC	5.45	0.106	7	125	1.47	48	0.018	6	0.73	0.143	0.13	0.1	0.01	11.4	<0.1	0.33	4	0.6	<0.2	
Core Reject Duplicates																					
538718	Drill Core	1.05	0.002	5	1	0.31	164	<0.001	3	0.31	0.029	0.10	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2	
DUP 538718	QC	0.90	0.003	5	4	0.28	153	<0.001	3	0.37	0.032	0.11	<0.1	<0.01	0.6	<0.1	<0.05	1	<0.5	<0.2	
538753	Drill Core	0.74	0.060	16	6	0.84	49	0.027	3	0.80	0.061	0.19	0.4	0.02	2.4	<0.1	0.66	6	<0.5	0.3	
DUP 538753	QC	0.76	0.061	16	6	0.83	56	0.026	3	0.84	0.065	0.20	0.4	<0.01	2.4	<0.1	0.67	6	<0.5	0.4	
538788	Drill Core	0.75	0.033	9	5	0.39	32	0.005	2	0.25	0.042	0.15	2.2	0.10	0.9	<0.1	2.80	1	2.0	<0.2	
DUP 538788	QC	0.76	0.033	10	6	0.40	32	0.005	2	0.25	0.039	0.14	2.3	0.10	0.9	<0.1	3.00	1	2.4	0.2	
538823	Drill Core	3.72	0.060	6	28	0.73	86	0.003	6	0.44	0.084	0.21	0.2	0.02	4.4	<0.1	1.09	2	1.2	<0.2	
DUP 538823	QC	3.93	0.057	5	28	0.74	92	0.003	7	0.44	0.080	0.21	0.1	0.02	4.1	<0.1	1.01	2	1.0	<0.2	
Reference Materials																					
STD DS7	Standard	0.98	0.079	13	212	1.05	433	0.126	43	1.04	0.100	0.49	4.1	0.23	2.3	4.3	0.20	5	2.9	1.1	
STD DS7	Standard	0.97	0.072	13	214	1.03	407	0.130	39	1.03	0.098	0.46	3.8	0.24	2.4	4.3	0.19	5	3.0	1.5	
STD DS7	Standard	0.97	0.072	13	187	1.03	387	0.122	36	1.01	0.095	0.46	3.5	0.23	2.4	3.9	0.19	5	2.3	1.8	
STD DS7	Standard	0.99	0.079	13	200	1.08	384	0.135	39	1.07	0.100	0.46	3.6	0.22	2.6	3.9	0.19	5	3.3	1.4	
STD DS7	Standard	1.02	0.077	13	213	1.10	409	0.141	40	1.11	0.105	0.49	3.6	0.23	2.7	4.0	0.20	5	3.2	1.7	
STD DS7	Standard	0.90	0.070	11	192	0.98	386	0.113	39	0.96	0.092	0.43	3.0	0.21	2.1	3.7	0.19	4	2.9	0.9	
STD DS7	Standard	0.90	0.075	11	192	0.99	381	0.109	39	0.96	0.091	0.44	3.0	0.21	2.0	4.0	0.19	4	2.8	1.0	
STD DS7	Standard	0.96	0.073	13	204	1.04	409	0.116	40	1.01	0.099	0.43	3.9	0.22	2.2	3.9	0.20	5	3.0	1.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-157
 Report Date: August 20, 2010

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000323.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
STD DS7	Standard			21.1	109.0	67.5	394	1.0	58.2	9.2	662	2.49	52.4	5.3	65.7	5.0	75	6.5	5.7	4.6	85
STD DS7	Standard			20.4	105.3	64.7	393	1.0	53.4	8.9	621	2.36	52.2	4.8	63.1	5.0	77	6.2	6.1	4.3	84
STD DS7	Standard			19.7	109.6	65.4	397	1.0	50.0	8.8	614	2.39	52.8	4.9	58.7	4.9	75	6.4	5.7	4.5	84
STD DS7	Standard			22.4	127.0	88.7	406	1.0	56.7	9.5	624	2.44	54.3	5.4	129.9	5.3	73	6.6	7.4	5.4	85
STD DS7	Standard			19.6	110.2	75.3	392	1.0	51.2	9.0	589	2.33	48.1	4.9	62.8	4.5	68	6.3	6.2	4.5	80
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD R4A	Standard	0.514																			
STD R4A	Standard	0.516																			
STD R4A	Standard	0.505																			
STD R4A	Standard	0.503																			
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD R4A Expected		0.502																			
STD OXH66 Expected																					
STD OXK79 Expected																					
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-157
 Report Date: August 20, 2010

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000323.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
STD DS7	Standard	0.98	0.072	13	215	1.07	398	0.119	41	1.05	0.103	0.46	3.8	0.23	2.2	4.2	0.21	4	2.9	1.1		
STD DS7	Standard	0.99	0.080	14	200	1.03	411	0.120	41	1.06	0.100	0.48	3.8	0.21	2.7	3.9	0.19	5	3.6	1.5		
STD DS7	Standard	1.00	0.084	14	197	1.05	410	0.117	40	1.06	0.101	0.49	3.8	0.22	2.7	4.0	0.20	5	3.9	1.4		
STD DS7	Standard	0.99	0.084	14	216	1.06	431	0.153	41	1.07	0.097	0.46	3.7	0.25	2.8	4.0	0.20	4	3.3	1.2		
STD DS7	Standard	0.94	0.074	13	194	1.01	386	0.141	36	1.01	0.094	0.45	3.5	0.22	2.7	3.9	0.19	4	2.9	0.6		
STD OXH66	Standard																				1.245	
STD OXH66	Standard																					1.371
STD OXH66	Standard																					1.290
STD OXK79	Standard																					3.475
STD OXK79	Standard																					3.544
STD OXK79	Standard																					3.587
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08		
STD R4A Expected																						
STD OXH66 Expected																						1.285
STD OXK79 Expected																						3.532
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-157

Report Date: August 20, 2010

Page: 3 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000323.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
BLK	Blank																				
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank			0.4	3.1	3.9	60	<0.1	2.8	4.1	584	1.81	1.3	1.9	<0.5	6.4	63	<0.1	<0.1	0.1	34
G1	Prep Blank			0.3	3.4	4.3	71	<0.1	3.5	4.5	597	2.00	1.1	2.1	<0.5	6.3	62	0.1	<0.1	<0.1	37



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-157

Report Date: August 20, 2010

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000323.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005
BLK	Blank																				<0.005
BLK	Blank	<0.01	<0.001	<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																				<0.005
BLK	Blank																				<0.005
Prep Wash																					
G1	Prep Blank	0.54	0.075	13	9	0.52	166	0.143	1	1.06	0.120	0.50	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.72	0.078	14	13	0.66	176	0.145	<1	0.98	0.096	0.53	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: July 26, 2010
Report Date: August 11, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI10000324.1

CLIENT JOB INFORMATION

Project: Kwanika-158
Shipment ID: 2010-07
P.O. Number
Number of Samples: 24

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	22	Crush split and pulverize 250g drill core to 200 mesh			SMI
1DX2	24	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7AR	4	1:1:1 Aqua Regia Digestion ICP-ES Finish	1	Completed	VAN
G601	3	Fire Assay fusion Au by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-158
 Report Date: August 11, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

SMI10000324.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
536886	Drill Core	2.26	35.8	1711	4.5	41	1.6	1.0	2.8	213	0.67	26.6	4.5	18.7	10.7	67	0.2	0.2	0.2	10	0.51
536887	Drill Core	4.61	787.2	>10000	155.9	437	7.6	2.4	9.4	458	2.11	32.1	2.5	64.8	7.3	173	2.7	<0.1	1.5	28	1.28
536888	Drill Core	1.75	31.3	1454	10.7	157	1.2	85.9	51.1	1358	4.65	9.5	0.5	14.4	0.7	273	0.4	0.1	0.7	98	2.12
536889	Drill Core	3.67	51.6	4906	75.0	235	4.4	22.0	13.9	1122	2.82	54.9	1.8	147.1	4.5	309	1.4	0.5	1.6	61	2.09
536890	Rock Pulp	0.11	159.5	1823	22.3	63	2.1	18.6	17.5	379	3.95	26.3	4.5	196.6	9.5	62	0.9	6.8	2.7	59	1.79
536891	Drill Core	3.87	3.1	370.5	5.0	143	0.3	60.1	25.0	1488	3.94	10.7	0.1	4.9	0.3	309	0.1	0.1	0.4	121	2.08
536892	Drill Core	4.95	2.6	266.6	6.1	120	0.2	78.6	23.5	1400	3.34	8.6	0.3	5.8	0.5	262	<0.1	0.1	0.5	81	2.39
536893	Drill Core	3.15	150.6	1702	19.2	159	1.2	30.9	17.6	1366	3.09	12.0	1.2	26.8	3.0	320	0.6	0.1	1.6	62	1.79
536894	Drill Core	2.32	2.9	1929	20.4	144	1.2	40.2	12.1	1301	2.25	9.2	0.9	11.0	0.4	120	0.8	<0.1	1.7	56	2.25
536895	Drill Core	4.17	11.2	3317	7.6	105	1.9	9.2	8.6	578	1.71	5.4	0.7	26.4	3.1	107	0.5	<0.1	0.7	35	1.63
536896	Drill Core	4.34	34.2	1276	5.3	68	0.7	6.3	3.9	465	1.09	8.6	0.7	5.2	2.8	120	0.2	0.2	0.6	25	1.20
536897	Drill Core	4.46	6.0	555.3	6.5	117	0.4	15.0	9.3	1273	1.87	6.6	0.7	4.0	2.1	148	0.2	0.1	0.5	45	2.65
536898	Drill Core	3.68	18.0	1579	8.5	73	1.1	5.8	6.8	517	1.31	10.3	0.6	10.3	1.0	98	0.3	<0.1	0.4	20	1.73
536899	Drill Core	4.71	18.7	575.9	7.6	29	0.3	2.5	2.5	255	0.56	10.9	0.6	0.9	1.8	60	0.1	<0.1	<0.1	13	1.30
536900	Drill Core	3.42	15.8	192.0	22.2	34	0.2	1.7	2.5	373	0.60	26.0	0.4	2.2	1.7	62	<0.1	0.1	0.3	18	1.84
536901	Drill Core	3.16	11.4	169.6	9.8	30	0.1	1.1	1.9	367	0.57	28.8	0.4	1.7	1.8	80	<0.1	0.2	0.1	16	1.73
536902	Drill Core	3.59	3.5	37.7	4.9	42	<0.1	1.6	3.3	421	0.68	3.5	0.4	<0.5	1.9	71	<0.1	<0.1	0.1	17	1.19
536903	Drill Core	4.22	0.5	23.7	4.5	29	<0.1	0.9	2.5	397	0.55	1.8	0.3	<0.5	1.3	66	<0.1	<0.1	<0.1	17	1.22
536904	Drill Core	4.11	1.8	149.6	8.3	32	0.1	2.2	2.0	446	0.60	3.1	0.3	<0.5	1.3	83	<0.1	<0.1	0.2	19	1.64
536905	Rock Pulp	0.10	261.7	4538	38.2	145	2.3	22.2	17.9	502	4.24	108.3	0.6	435.4	1.7	31	1.0	6.0	0.6	85	0.45
536906	Drill Core	3.52	0.8	32.2	12.4	19	<0.1	0.7	1.1	383	0.47	5.6	0.3	0.7	1.3	76	0.1	<0.1	0.2	15	1.60
536907	Drill Core	0.77	0.9	51.7	7.7	29	<0.1	1.2	1.6	427	0.56	12.1	0.3	1.1	1.2	76	<0.1	<0.1	<0.1	17	1.57
536908	Drill Core	1.65	15.5	400.8	20.2	66	0.4	2.7	3.6	769	0.89	62.7	1.3	4.3	1.6	144	0.3	0.5	0.5	24	2.72
536909	Drill Core	2.72	9.9	1573	14.9	83	1.1	31.2	8.9	1164	1.54	59.7	0.7	8.0	1.5	176	0.6	0.5	0.4	37	3.25



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-158
 Report Date: August 11, 2010

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

SMI10000324.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7AR	G6
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Cu	Au	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	gm/mt	
MDL	0.001	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	0.005	
536886	Drill Core	0.010	9	7	0.10	25	0.002	3	0.25	0.061	0.13	0.9	0.01	0.5	<0.1	0.39	2	1.3	<0.2		
536887	Drill Core	0.027	15	6	0.24	80	0.001	5	0.48	0.087	0.14	0.3	0.02	0.7	<0.1	1.88	2	5.7	0.6	1.169	
536888	Drill Core	0.137	4	160	2.13	50	0.103	7	2.16	0.297	0.15	0.3	0.01	5.4	<0.1	2.22	10	2.7	0.4		
536889	Drill Core	0.069	8	33	1.02	83	0.042	8	1.33	0.217	0.17	0.3	0.01	2.6	<0.1	1.69	5	4.9	<0.2	0.492	0.061
536890	Rock Pulp	0.070	17	67	0.87	67	0.033	6	1.47	0.054	0.51	2.2	0.09	4.7	0.3	1.77	5	2.6	<0.2		0.202
536891	Drill Core	0.149	2	81	2.35	146	0.175	4	3.03	0.328	0.39	0.3	<0.01	3.3	0.1	0.92	10	1.0	0.3		
536892	Drill Core	0.138	3	151	2.36	80	0.132	5	2.37	0.205	0.18	0.3	<0.01	3.1	<0.1	0.99	11	0.7	<0.2		
536893	Drill Core	0.075	6	44	1.49	59	0.050	7	1.72	0.276	0.17	0.3	0.02	3.1	<0.1	1.75	7	2.7	0.7		
536894	Drill Core	0.062	4	111	1.06	25	0.043	2	0.80	0.076	0.08	0.3	<0.01	3.3	<0.1	0.44	6	0.8	0.7		
536895	Drill Core	0.044	9	11	0.68	34	0.013	2	0.65	0.086	0.14	0.2	0.01	1.5	<0.1	1.00	5	1.6	<0.2	0.339	
536896	Drill Core	0.048	8	12	0.59	52	0.008	3	0.66	0.064	0.15	<0.1	<0.01	1.4	<0.1	0.44	5	1.0	<0.2		
536897	Drill Core	0.062	6	29	0.97	40	0.030	2	0.78	0.066	0.10	0.2	0.01	3.3	<0.1	0.33	6	0.5	<0.2		
536898	Drill Core	0.028	6	15	0.42	33	0.008	2	0.31	0.042	0.08	0.1	0.02	1.1	<0.1	0.62	2	0.9	0.2		
536899	Drill Core	0.028	7	13	0.20	38	0.004	1	0.19	0.033	0.11	0.1	<0.01	0.9	<0.1	0.11	<1	<0.5	<0.2		
536900	Drill Core	0.038	9	9	0.31	35	0.002	1	0.20	0.039	0.12	0.2	0.02	1.1	<0.1	0.05	1	<0.5	<0.2		
536901	Drill Core	0.038	10	10	0.31	41	0.002	1	0.20	0.039	0.13	0.1	0.02	1.1	<0.1	<0.05	1	<0.5	<0.2		
536902	Drill Core	0.036	10	9	0.29	40	0.003	2	0.21	0.037	0.13	0.1	<0.01	1.3	<0.1	0.06	1	<0.5	<0.2		
536903	Drill Core	0.033	6	7	0.30	36	0.002	1	0.18	0.035	0.12	<0.1	0.01	1.4	<0.1	<0.05	<1	<0.5	<0.2		
536904	Drill Core	0.036	6	9	0.25	34	0.006	1	0.23	0.041	0.13	<0.1	<0.01	1.6	<0.1	<0.05	1	<0.5	<0.2		
536905	Rock Pulp	0.102	10	30	0.62	39	0.053	3	1.08	0.026	0.59	1.0	0.08	5.6	0.4	2.43	4	7.1	1.0	0.462	0.420
536906	Drill Core	0.030	7	7	0.25	30	0.002	<1	0.14	0.033	0.11	<0.1	<0.01	1.4	<0.1	<0.05	<1	<0.5	<0.2		
536907	Drill Core	0.028	6	6	0.33	37	0.002	1	0.17	0.032	0.11	<0.1	0.01	1.4	<0.1	<0.05	<1	<0.5	<0.2		
536908	Drill Core	0.031	5	5	0.70	26	0.001	2	0.22	0.040	0.09	<0.1	0.02	1.5	<0.1	0.21	1	<0.5	<0.2		
536909	Drill Core	0.044	7	52	1.09	45	0.021	2	0.59	0.035	0.10	0.2	0.02	3.1	<0.1	0.34	4	<0.5	<0.2		



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-158
 Report Date: August 11, 2010

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

SMI10000324.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
536901	Drill Core	3.16	11.4	169.6	9.8	30	0.1	1.1	1.9	367	0.57	28.8	0.4	1.7	1.8	80	<0.1	0.2	0.1	16	1.73
REP 536901	QC		11.0	172.9	9.9	31	0.1	0.8	1.9	355	0.56	29.7	0.4	1.3	1.8	83	<0.1	0.2	0.1	15	1.68
Core Reject Duplicates																					
536893	Drill Core	3.15	150.6	1702	19.2	159	1.2	30.9	17.6	1366	3.09	12.0	1.2	26.8	3.0	320	0.6	0.1	1.6	62	1.79
DUP 536893	QC		158.7	1768	18.5	162	1.2	29.7	16.4	1326	2.96	12.1	1.1	22.5	2.9	331	0.6	0.1	1.7	60	1.79
Reference Materials																					
STD DS7	Standard		22.5	109.8	67.1	421	1.1	60.7	10.2	665	2.55	54.3	5.1	81.0	4.6	80	6.8	6.1	4.9	89	1.05
STD DS7	Standard		21.9	113.6	67.3	416	1.0	57.4	9.5	655	2.47	53.0	5.4	67.8	4.6	77	6.6	5.9	4.7	87	1.02
STD OXH66	Standard																				
STD OXK79	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
STD R4A Expected																					
STD OXH66 Expected																					
STD OXK79 Expected																					
BLK	Blank		<0.1	0.3	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.1	3.3	3.1	46	<0.1	3.0	4.3	557	1.91	<0.5	2.0	2.5	5.5	55	<0.1	<0.1	0.1	40	0.52
G1	Prep Blank		0.6	2.6	2.9	45	<0.1	3.1	4.4	562	1.92	<0.5	2.3	1.4	5.9	56	<0.1	<0.1	0.1	39	0.52



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-158
 Report Date: August 11, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

SMI10000324.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7AR	G6
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Au
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	gm/mt
MDL	0.001	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	0.005
Pulp Duplicates																				
536901	Drill Core	0.038	10	10	0.31	41	0.002	1	0.20	0.039	0.13	0.1	0.02	1.1	<0.1	<0.05	1	<0.5	<0.2	
REP 536901	QC	0.038	10	9	0.31	41	0.002	1	0.18	0.037	0.12	<0.1	0.02	1.1	<0.1	<0.05	<1	<0.5	<0.2	
Core Reject Duplicates																				
536893	Drill Core	0.075	6	44	1.49	59	0.050	7	1.72	0.276	0.17	0.3	0.02	3.1	<0.1	1.75	7	2.7	0.7	
DUP 536893	QC	0.072	5	46	1.46	60	0.048	5	1.70	0.276	0.16	0.2	0.01	2.9	<0.1	1.73	7	2.9	0.6	
Reference Materials																				
STD DS7	Standard	0.083	14	217	1.10	426	0.127	44	1.10	0.107	0.51	3.6	0.23	2.6	4.0	0.21	5	3.3	1.1	
STD DS7	Standard	0.076	14	215	1.09	407	0.126	42	1.09	0.103	0.48	3.6	0.23	2.5	4.1	0.21	5	3.8	1.1	
STD OXH66	Standard																			1.280
STD OXK79	Standard																			3.578
STD R4A	Standard																			0.511
STD R4A	Standard																			0.513
STD DS7 Expected		0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08	
STD R4A Expected																				0.502
STD OXH66 Expected																				1.285
STD OXK79 Expected																				3.532
BLK	Blank	<0.001	<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																			<0.005
BLK	Blank																			<0.005
Prep Wash																				
G1	Prep Blank	0.078	13	8	0.54	175	0.125	1	0.94	0.085	0.49	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.077	12	8	0.54	170	0.113	1	0.95	0.080	0.49	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: July 28, 2010
Report Date: August 17, 2010
Page: 1 of 4

CERTIFICATE OF ANALYSIS

SMI10000343.1

CLIENT JOB INFORMATION

Project: Kwanika-159
Shipment ID: 2010-08
P.O. Number
Number of Samples: 83

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
7AR	2	1:1:1 Aqua Regia Digestion ICP-ES Finish	1	Completed	VAN
R200-250	80	Crush split and pulverize 250g drill core to 200 mesh			SMI
1DX2	83	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G601	3	Fire Assay fusion Au by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-159
 Report Date: August 17, 2010

Page: 2 of 4 Part 1

CERTIFICATE OF ANALYSIS

SMI10000343.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538842	Drill Core		4.03	39.4	197.5	68.1	53	0.4	1.8	5.7	614	1.53	33.6	1.4	10.9	1.6	47	0.2	0.2	0.8	33
538843	Drill Core		3.46	12.9	127.0	58.4	32	0.5	1.5	1.7	586	1.08	29.8	1.1	8.1	2.9	43	0.1	0.2	0.8	25
538844	Drill Core		4.26	12.6	81.8	25.1	41	0.3	1.8	2.1	651	1.30	4.9	1.4	4.2	1.6	71	0.1	<0.1	0.6	43
538845	Drill Core		3.49	3.0	95.5	80.7	41	0.3	3.5	2.6	640	1.41	10.5	1.4	2.4	1.7	118	0.1	<0.1	0.7	45
538846	Drill Core		6.08	1.9	96.5	75.3	88	0.4	76.5	24.3	1223	3.69	6.2	1.8	2.6	4.2	364	0.1	0.1	0.7	95
538847	Drill Core		5.23	1.3	102.5	19.9	66	0.2	81.6	24.1	744	3.39	4.0	1.1	3.2	1.9	275	<0.1	0.1	0.2	86
538848	Drill Core		6.99	1.0	116.2	127.3	75	0.5	103.8	32.0	1151	4.51	5.9	1.0	4.8	1.6	224	0.1	0.1	1.1	114
538849	Drill Core		4.29	1.0	103.9	261.2	94	0.7	104.6	33.2	1602	4.74	6.2	1.1	2.1	1.9	319	0.3	<0.1	2.2	127
538850	Drill Core		2.94	1.0	136.5	1004	51	2.8	35.3	12.7	877	2.50	9.7	0.8	3.6	1.4	175	0.8	0.1	8.4	84
538851	Drill Core		4.67	8.3	303.4	14.9	52	0.4	8.3	4.9	926	2.18	17.1	2.1	17.3	2.4	242	0.1	<0.1	0.2	65
538852	Drill Core		4.54	14.3	288.6	26.0	85	0.4	34.7	12.2	1584	3.38	10.0	2.0	11.9	2.4	296	0.2	0.1	0.4	106
538853	Drill Core		3.73	29.8	729.5	46.3	99	1.0	7.9	5.1	901	2.47	64.3	2.7	27.0	4.0	167	0.5	0.4	0.4	91
538854	Drill Core		4.04	23.3	174.4	46.8	99	0.3	16.7	7.6	1001	2.29	16.7	1.8	8.0	6.1	164	0.2	0.2	0.3	77
538855	Rock Pulp	0.457	0.10	255.8	4599	39.7	151	2.3	23.7	19.1	535	4.47	112.8	0.6	450.2	1.7	31	1.2	6.4	0.6	82
538856	Drill Core		5.20	2.5	244.1	35.4	120	0.3	59.6	22.4	1634	3.42	5.9	1.3	22.0	5.3	311	0.2	0.1	0.3	96
538857	Drill Core		4.74	1.0	509.0	162.9	105	0.8	71.4	29.6	1640	3.86	8.9	1.8	13.6	4.5	266	0.3	0.1	1.5	109
538858	Drill Core		4.36	1.7	77.4	20.3	78	0.1	76.3	23.1	1854	3.31	5.2	1.7	4.1	4.6	186	<0.1	0.1	0.3	88
538859	Drill Core		4.35	5.0	179.7	74.1	82	0.5	76.1	24.6	1411	3.58	6.5	1.6	9.5	3.1	153	0.2	0.2	0.8	105
538860	Drill Core		3.75	6.5	307.3	50.0	91	0.4	60.9	21.2	1341	3.51	5.7	2.6	7.6	5.0	193	0.2	0.4	0.4	100
538861	Drill Core		3.20	7.9	162.8	75.8	49	0.5	2.4	4.3	557	1.50	3.7	0.6	7.3	1.5	193	0.2	0.1	0.7	59
538862	Drill Core		3.63	5.0	761.2	11.7	36	0.7	4.2	5.8	619	1.58	7.8	0.6	22.8	1.3	174	0.3	0.2	0.2	46
538863	Drill Core		2.51	10.7	463.3	10.9	112	0.4	17.8	16.2	1258	3.75	4.7	0.8	18.9	2.1	241	0.2	<0.1	0.2	96
538864	Drill Core		7.35	13.2	501.2	13.0	84	0.4	11.4	13.3	1091	3.15	4.9	0.7	19.4	1.8	317	0.2	0.1	0.2	83
538865	Drill Core		4.62	31.6	1113	7.8	74	1.1	15.9	17.1	1018	3.68	6.2	1.2	37.6	2.7	262	0.2	0.2	0.2	114
538866	Drill Core		4.85	21.5	964.4	10.7	94	0.9	32.4	19.8	1034	3.65	6.8	0.7	30.4	2.1	352	0.2	0.2	0.2	96
538867	Drill Core		5.00	8.9	474.4	12.4	87	0.5	23.1	19.3	1742	3.94	6.3	4.1	20.5	1.7	903	0.2	<0.1	0.2	98
538868	Drill Core		4.89	17.5	389.3	24.6	58	0.4	5.0	7.1	826	2.38	29.3	2.5	25.1	1.6	274	0.2	0.2	0.3	75
538869	Drill Core		4.41	27.4	231.2	94.2	77	0.4	1.7	2.8	643	1.58	23.3	0.9	19.2	1.5	135	0.3	0.1	0.6	43
538870	Rock Pulp	0.434	0.13	250.0	4486	35.5	139	2.3	21.1	17.8	508	4.30	107.3	0.5	426.5	1.5	27	1.0	5.7	0.5	80
538871	Drill Core		5.14	6.7	422.6	25.5	100	0.5	17.5	10.8	1270	3.09	5.7	0.9	16.0	3.6	225	0.1	0.1	0.3	94

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-159
 Report Date: August 17, 2010

Page: 2 of 4 Part 2

CERTIFICATE OF ANALYSIS

SMI10000343.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
538842	Drill Core	1.12	0.016	1	16	0.54	46	0.020	2	0.28	0.031	0.16	0.3	0.01	0.8	<0.1	0.34	2	0.6	0.3	
538843	Drill Core	1.06	0.017	2	17	0.42	37	0.002	1	0.16	0.025	0.13	0.5	0.01	0.7	<0.1	0.22	<1	<0.5	<0.2	
538844	Drill Core	1.39	0.015	<1	11	0.56	39	0.004	2	0.25	0.032	0.14	0.3	<0.01	0.8	<0.1	0.16	1	<0.5	<0.2	
538845	Drill Core	1.71	0.011	1	11	0.74	74	0.006	2	0.20	0.025	0.13	0.2	0.01	0.9	<0.1	0.15	1	<0.5	<0.2	
538846	Drill Core	3.51	0.149	6	165	2.39	153	0.059	5	1.23	0.039	0.51	0.2	<0.01	9.0	0.1	0.15	6	<0.5	<0.2	
538847	Drill Core	2.64	0.174	5	188	2.44	42	0.115	4	1.31	0.036	0.53	0.1	<0.01	3.9	<0.1	0.08	6	<0.5	<0.2	
538848	Drill Core	2.99	0.182	6	225	3.09	88	0.136	4	2.00	0.037	0.65	0.1	<0.01	6.5	0.1	<0.05	8	<0.5	<0.2	
538849	Drill Core	3.67	0.172	7	236	2.74	164	0.079	4	1.90	0.029	0.68	<0.1	<0.01	12.2	0.1	0.11	8	0.5	<0.2	
538850	Drill Core	2.36	0.074	4	91	1.19	85	0.034	2	0.65	0.047	0.30	0.2	<0.01	4.5	0.1	0.33	4	1.9	0.3	
538851	Drill Core	3.00	0.023	2	11	1.29	115	0.008	1	0.22	0.025	0.14	0.2	0.01	1.3	0.1	0.39	2	<0.5	<0.2	
538852	Drill Core	3.48	0.099	5	80	1.79	131	0.032	3	0.81	0.040	0.41	0.2	<0.01	7.1	<0.1	0.53	5	<0.5	<0.2	
538853	Drill Core	2.35	0.056	5	10	1.16	56	0.009	2	0.30	0.031	0.20	0.2	0.03	2.6	0.2	0.53	3	<0.5	0.3	
538854	Drill Core	2.27	0.076	4	40	1.09	55	0.018	2	0.40	0.046	0.25	0.2	0.01	3.8	0.1	0.32	3	<0.5	0.2	
538855	Rock Pulp	0.45	0.103	10	30	0.66	41	0.053	4	1.09	0.024	0.60	1.4	0.10	5.7	0.4	2.41	4	7.7	0.9	0.433
538856	Drill Core	3.14	0.117	6	139	1.87	139	0.041	3	0.93	0.040	0.52	0.3	<0.01	9.4	0.1	0.13	4	<0.5	<0.2	
538857	Drill Core	2.78	0.144	6	170	1.97	180	0.058	4	1.26	0.050	0.36	<0.1	0.04	8.7	<0.1	0.49	7	<0.5	<0.2	
538858	Drill Core	2.63	0.146	6	184	2.45	55	0.117	3	1.59	0.038	0.22	0.2	<0.01	3.9	<0.1	0.08	10	<0.5	<0.2	
538859	Drill Core	2.92	0.151	5	220	3.03	53	0.165	2	1.95	0.042	0.31	0.3	<0.01	3.5	<0.1	0.21	9	<0.5	<0.2	
538860	Drill Core	2.74	0.124	6	147	2.36	62	0.104	4	1.50	0.034	0.24	0.3	<0.01	5.4	<0.1	0.30	8	<0.5	<0.2	
538861	Drill Core	2.09	0.029	2	9	0.95	296	0.014	2	0.33	0.043	0.17	0.3	<0.01	1.5	<0.1	0.31	2	<0.5	<0.2	
538862	Drill Core	1.79	0.015	1	14	0.73	38	0.008	2	0.16	0.026	0.07	0.6	<0.01	1.6	<0.1	0.36	1	<0.5	<0.2	
538863	Drill Core	1.59	0.104	6	42	1.05	68	0.012	3	0.78	0.056	0.26	0.1	<0.01	9.1	<0.1	0.38	5	<0.5	<0.2	
538864	Drill Core	2.38	0.094	6	18	1.12	81	0.016	4	0.65	0.042	0.20	<0.1	<0.01	6.2	<0.1	0.44	4	0.6	<0.2	
538865	Drill Core	3.00	0.140	9	28	1.09	55	0.037	4	0.86	0.056	0.18	0.1	0.01	4.4	<0.1	0.80	6	1.0	<0.2	
538866	Drill Core	2.14	0.112	8	35	1.39	47	0.024	4	0.77	0.054	0.21	0.1	0.01	6.1	<0.1	0.83	5	0.9	<0.2	
538867	Drill Core	8.44	0.077	6	18	3.45	106	0.007	4	0.46	0.049	0.14	<0.1	0.01	10.8	<0.1	0.52	3	0.6	<0.2	
538868	Drill Core	2.83	0.052	5	9	1.20	51	0.005	2	0.24	0.043	0.10	0.2	0.02	3.0	0.1	0.63	2	0.6	<0.2	
538869	Drill Core	1.43	0.022	2	11	0.67	173	0.007	2	0.29	0.033	0.16	0.2	<0.01	0.9	<0.1	0.39	2	<0.5	<0.2	
538870	Rock Pulp	0.42	0.100	9	30	0.63	35	0.046	4	1.04	0.024	0.59	1.1	0.12	4.9	0.5	2.30	4	7.3	1.1	0.405
538871	Drill Core	1.90	0.100	7	13	1.05	107	0.022	4	0.73	0.043	0.34	0.2	<0.01	5.7	0.1	0.28	5	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-159
 Report Date: August 17, 2010

Page: 3 of 4 Part 1

CERTIFICATE OF ANALYSIS

SMI10000343.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
538872	Drill Core	4.27	2.5	719.8	71.2	94	1.0	17.3	18.6	1403	4.33	8.6	0.7	37.7	2.0	448	0.4	0.1	0.6	120
538873	Drill Core	5.59	10.6	829.3	20.3	150	0.8	21.3	25.5	1183	3.91	6.5	0.7	48.9	2.6	396	0.3	0.1	0.3	98
538874	Drill Core	6.01	8.4	646.9	23.9	90	0.7	40.1	18.9	1100	3.89	8.2	1.2	23.8	3.3	324	0.3	<0.1	0.2	121
538875	Drill Core	5.38	45.3	555.2	25.3	95	0.6	3.2	5.1	825	2.41	94.4	1.0	35.8	2.9	122	0.2	0.2	0.4	62
538876	Drill Core	4.54	18.7	519.7	46.2	107	0.7	2.9	4.8	879	3.30	48.5	0.9	21.3	3.9	119	0.3	0.2	0.6	76
538877	Drill Core	4.35	5.1	265.1	88.9	95	0.6	16.9	13.3	942	2.83	9.0	0.7	14.9	1.9	216	0.4	0.2	1.1	87
538878	Drill Core	5.06	31.2	254.0	6.1	80	0.3	17.2	12.9	1044	3.34	17.6	0.9	20.7	2.9	197	0.1	0.3	0.3	96
538879	Drill Core	4.96	6.1	371.2	22.2	77	0.5	12.3	11.0	804	2.60	23.3	0.9	35.8	3.6	242	0.2	0.2	0.4	95
538880	Drill Core	4.97	8.3	1089	11.1	79	1.3	2.6	6.9	753	2.73	148.5	0.9	80.6	3.2	107	0.3	0.1	0.7	64
538881	Drill Core	4.61	27.7	513.0	20.6	90	0.6	2.3	4.8	717	2.63	45.3	0.6	31.1	3.2	96	0.4	<0.1	0.5	67
538882	Drill Core	4.33	2.7	122.9	64.4	33	0.4	1.1	3.1	482	1.22	17.5	0.7	9.2	4.2	51	0.1	<0.1	0.8	52
538883	Drill Core	4.99	1.8	94.2	14.0	34	0.1	1.4	2.5	532	1.29	4.4	0.7	3.9	4.8	102	0.1	<0.1	0.2	54
538884	Drill Core	4.72	25.7	369.0	50.2	36	0.4	1.2	2.7	687	1.31	81.5	0.3	14.6	3.1	112	0.3	0.1	0.3	48
538885	Rock	0.32	0.8	28.1	3.5	47	<0.1	62.8	10.5	476	2.56	3.3	0.4	1.6	1.9	38	0.1	0.2	<0.1	62
538886	Drill Core	4.97	61.3	166.9	21.3	36	0.2	0.5	2.6	594	1.37	33.1	0.5	3.3	3.6	83	<0.1	<0.1	0.2	46
538887	Drill Core	4.75	73.2	117.6	91.1	29	0.6	1.4	2.5	552	1.03	19.2	0.9	7.1	3.9	216	0.2	<0.1	1.3	48
538888	Drill Core	4.22	43.9	168.7	16.3	49	0.3	2.8	4.6	640	1.94	22.4	0.7	10.2	3.6	68	0.2	<0.1	0.3	64
538889	Drill Core	4.14	66.8	327.3	52.4	54	0.5	7.4	6.2	695	2.22	47.6	0.6	8.7	3.6	86	0.1	<0.1	0.8	72
538890	Drill Core	3.86	60.8	479.5	34.3	51	0.7	8.8	6.3	543	3.24	39.5	0.5	6.3	2.9	106	0.3	<0.1	0.8	79
538891	Drill Core	5.12	14.2	331.6	26.5	51	0.4	9.8	5.6	525	3.71	43.9	0.7	10.1	3.4	67	0.3	<0.1	0.3	82
538892	Drill Core	5.00	28.9	408.8	22.3	40	0.6	1.4	4.5	428	3.02	50.0	0.5	10.0	3.1	65	0.3	<0.1	0.5	80
538893	Drill Core	5.05	10.8	328.8	29.5	26	0.4	1.9	2.3	368	1.16	73.5	0.6	16.1	3.6	54	0.2	<0.1	0.5	46
538894	Drill Core	5.46	40.7	290.5	14.2	33	0.3	1.9	1.2	471	2.11	55.6	0.3	11.6	2.7	51	0.2	<0.1	0.5	65
538895	Drill Core	4.52	9.0	652.8	140.6	62	1.0	2.3	6.1	681	3.78	115.9	0.5	21.6	3.1	39	0.2	<0.1	3.0	67
538896	Drill Core	5.25	23.6	699.2	34.4	61	0.9	2.7	2.7	587	2.65	155.6	0.6	33.3	3.7	53	0.2	0.1	0.7	75
538897	Drill Core	5.10	211.7	987.7	57.7	68	0.9	3.8	2.4	678	2.30	266.4	0.8	49.0	3.1	63	0.6	0.1	0.4	66
538898	Drill Core	4.97	142.8	1390	40.1	108	1.3	12.4	6.1	871	2.60	233.1	1.0	54.4	3.9	82	0.7	0.1	0.5	73
538899	Drill Core	4.33	25.1	376.8	19.6	39	0.8	2.2	2.3	397	3.57	74.4	0.7	9.2	3.6	63	0.2	<0.1	0.4	72
538900	Drill Core	2.33	13.8	934.1	12.5	46	1.0	2.3	2.6	605	2.77	153.5	1.2	40.3	2.6	57	0.2	0.1	0.7	50
538901	Drill Core	2.20	12.1	1089	13.4	48	1.1	2.4	2.5	576	2.97	136.0	1.1	38.2	2.9	55	0.2	<0.1	0.8	53

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-159
 Report Date: August 17, 2010

Page: 3 of 4 Part 2

CERTIFICATE OF ANALYSIS

SMI10000343.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
538872	Drill Core	2.67	0.099	7	34	1.35	69	0.008	5	0.85	0.059	0.20	<0.1	0.01	16.0	<0.1	0.28	5	0.6	<0.2	
538873	Drill Core	3.35	0.099	6	35	1.44	65	0.043	4	1.03	0.051	0.23	<0.1	0.02	7.2	<0.1	0.64	6	0.8	<0.2	
538874	Drill Core	3.59	0.090	7	63	1.43	346	0.065	5	0.89	0.056	0.16	0.1	<0.01	7.3	<0.1	0.33	6	0.5	<0.2	
538875	Drill Core	1.34	0.050	5	4	0.70	59	0.008	5	0.51	0.036	0.24	0.1	0.02	1.9	<0.1	0.39	3	0.5	0.2	
538876	Drill Core	1.65	0.049	7	6	0.92	40	0.008	3	0.39	0.036	0.17	0.2	0.01	1.9	<0.1	0.48	3	0.7	<0.2	
538877	Drill Core	2.95	0.096	7	44	1.28	87	0.060	5	0.97	0.060	0.22	0.2	<0.01	5.5	<0.1	0.15	6	<0.5	<0.2	
538878	Drill Core	2.78	0.078	8	38	1.45	324	0.023	7	0.74	0.052	0.23	0.2	<0.01	7.5	<0.1	0.24	5	<0.5	<0.2	
538879	Drill Core	2.55	0.087	8	27	1.10	88	0.016	6	0.72	0.067	0.23	0.1	0.01	6.5	<0.1	0.24	4	<0.5	<0.2	
538880	Drill Core	1.82	0.047	7	4	0.84	171	0.008	4	0.38	0.030	0.23	0.2	0.03	1.7	<0.1	0.64	3	0.9	0.8	
538881	Drill Core	1.76	0.039	5	5	0.72	95	0.008	6	0.51	0.037	0.23	0.2	0.03	1.7	<0.1	0.54	3	<0.5	<0.2	
538882	Drill Core	1.68	0.049	6	5	0.53	281	0.003	3	0.24	0.040	0.12	0.2	0.01	1.9	<0.1	0.33	1	0.5	<0.2	
538883	Drill Core	2.30	0.058	8	5	0.51	568	0.006	3	0.30	0.060	0.16	<0.1	<0.01	2.3	<0.1	0.25	2	<0.5	<0.2	
538884	Drill Core	2.45	0.041	5	4	0.39	600	0.002	4	0.19	0.035	0.10	0.2	0.02	2.0	<0.1	0.26	1	<0.5	<0.2	
538885	Rock	0.73	0.065	8	105	1.00	136	0.116	3	1.15	0.086	0.16	<0.1	<0.01	3.6	<0.1	<0.05	5	<0.5	<0.2	
538886	Drill Core	1.80	0.046	6	2	0.40	518	0.004	3	0.27	0.039	0.17	<0.1	0.02	1.7	<0.1	0.23	2	<0.5	<0.2	
538887	Drill Core	3.23	0.050	9	5	0.41	662	0.004	3	0.25	0.056	0.11	<0.1	0.02	2.2	<0.1	0.25	2	<0.5	<0.2	
538888	Drill Core	1.63	0.070	7	5	0.68	371	0.004	4	0.35	0.033	0.20	0.2	0.01	2.5	<0.1	0.28	2	<0.5	<0.2	
538889	Drill Core	1.99	0.058	9	16	0.84	345	0.006	5	0.39	0.044	0.21	0.2	0.01	2.9	<0.1	0.36	3	0.6	<0.2	
538890	Drill Core	2.20	0.047	4	4	0.87	166	0.003	4	0.28	0.039	0.13	0.6	0.02	2.5	<0.1	0.71	2	0.6	<0.2	
538891	Drill Core	1.45	0.049	5	15	0.71	190	0.004	5	0.33	0.045	0.18	0.7	0.02	2.7	<0.1	0.57	3	0.6	<0.2	
538892	Drill Core	1.39	0.047	4	4	0.54	391	0.004	3	0.24	0.037	0.14	0.6	<0.01	2.2	<0.1	0.33	2	0.5	<0.2	
538893	Drill Core	1.49	0.055	5	4	0.49	235	0.001	4	0.24	0.051	0.16	<0.1	<0.01	2.9	<0.1	0.16	1	<0.5	<0.2	
538894	Drill Core	1.45	0.048	4	6	0.58	395	0.003	4	0.23	0.045	0.16	<0.1	<0.01	2.4	<0.1	0.22	2	0.5	<0.2	
538895	Drill Core	0.93	0.036	5	5	0.59	137	0.003	5	0.32	0.039	0.23	0.2	0.02	1.9	<0.1	1.25	3	1.6	0.9	
538896	Drill Core	1.16	0.048	6	4	0.56	145	0.004	5	0.26	0.038	0.18	0.1	0.02	2.1	<0.1	0.88	2	1.2	0.5	
538897	Drill Core	1.81	0.052	7	5	0.77	278	0.002	6	0.31	0.046	0.21	<0.1	0.03	2.4	<0.1	0.60	2	1.2	<0.2	
538898	Drill Core	1.75	0.057	7	18	0.84	170	0.003	5	0.29	0.039	0.19	0.2	0.02	3.5	<0.1	0.58	2	1.4	<0.2	
538899	Drill Core	1.07	0.043	3	4	0.50	160	0.001	4	0.22	0.043	0.15	0.5	<0.01	2.0	<0.1	0.97	2	1.1	<0.2	
538900	Drill Core	1.34	0.045	4	4	0.58	199	0.002	6	0.25	0.033	0.20	0.1	0.03	2.2	<0.1	0.72	2	1.6	0.9	
538901	Drill Core	1.19	0.046	5	5	0.56	205	0.002	8	0.30	0.038	0.25	0.1	0.03	2.2	<0.1	0.78	2	1.6	0.9	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-159
 Report Date: August 17, 2010

Page: 4 of 4 Part 1

CERTIFICATE OF ANALYSIS

SMI10000343.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
538902	Drill Core	4.50	15.3	1047	6.7	44	1.0	2.2	3.3	609	3.98	31.8	1.3	69.4	3.4	51	<0.1	<0.1	0.5	66
538903	Drill Core	4.05	41.4	1425	13.9	45	1.6	2.7	2.0	582	2.38	203.1	1.2	38.9	3.5	63	0.4	0.2	0.4	67
538904	Drill Core	4.26	2.0	173.1	7.2	66	0.2	15.2	12.9	982	3.04	9.0	1.0	5.2	3.2	285	0.1	<0.1	0.2	98
538905	Drill Core	4.69	33.2	817.4	12.0	46	0.7	3.7	3.7	497	1.61	151.4	1.4	10.8	2.7	86	0.3	0.1	0.2	67
538906	Drill Core	4.13	48.2	549.3	32.5	57	0.6	1.7	1.9	403	1.17	196.4	5.8	15.1	2.5	68	0.3	0.6	0.3	38
538907	Drill Core	3.02	138.8	638.1	41.8	70	0.6	2.5	2.1	328	1.14	220.1	22.3	17.7	2.2	56	0.3	0.6	0.2	34
538908	Drill Core	4.14	54.5	648.0	20.2	67	0.7	2.0	2.0	404	1.34	222.4	6.5	14.3	1.9	65	0.3	0.3	0.4	44
538909	Drill Core	5.21	24.3	353.5	18.9	66	0.4	5.0	6.8	646	2.08	82.6	1.7	6.1	2.8	95	0.2	0.1	0.4	70
538910	Drill Core	4.47	25.2	261.5	9.7	52	0.2	2.1	2.7	525	1.52	50.2	0.5	6.3	4.6	75	0.2	<0.1	0.2	66
538911	Drill Core	4.74	18.2	602.5	20.5	50	0.8	2.8	3.4	433	1.50	183.4	1.2	9.2	3.7	74	0.2	0.2	0.3	60
538912	Drill Core	3.85	33.4	434.0	622.8	24	2.6	1.1	2.0	296	0.76	149.9	1.2	4.2	2.1	65	0.4	0.3	7.8	31
538913	Drill Core	4.12	64.9	153.6	9.0	30	0.4	1.4	2.4	389	0.85	31.8	0.5	2.0	4.0	95	0.2	0.1	0.5	40
538914	Drill Core	4.45	24.9	522.1	9.1	53	0.4	2.9	3.9	665	2.33	77.1	0.7	10.7	4.2	93	0.1	0.1	0.4	74
538915	Rock Pulp	0.03	156.1	1764	22.3	62	2.0	16.2	16.4	378	3.91	27.1	4.1	243.5	9.8	63	1.1	6.2	2.5	55
538916	Drill Core	4.49	13.6	575.5	7.8	83	0.4	9.2	4.2	1199	3.84	16.0	0.6	4.8	2.8	195	0.2	0.1	0.2	103
538917	Drill Core	4.92	1.4	173.4	13.3	157	0.1	40.7	24.1	1669	4.47	9.9	1.1	0.9	2.2	457	0.2	0.1	0.1	151
538918	Drill Core	5.64	62.8	302.5	31.5	47	0.4	5.4	4.7	546	1.62	45.5	0.8	3.3	2.1	124	0.3	0.2	0.4	60
538919	Drill Core	3.31	11.0	350.2	9.5	31	0.4	2.4	3.0	390	1.35	20.5	0.6	3.6	2.9	75	0.3	<0.1	0.1	58
538920	Drill Core	3.90	36.4	1483	21.6	55	1.4	3.8	5.4	375	1.98	445.1	0.9	5.6	2.6	78	0.4	0.4	0.3	65
538921	Drill Core	4.33	65.4	880.0	26.3	63	0.9	3.5	3.5	495	1.56	109.2	0.9	11.0	3.1	104	0.6	0.1	0.5	86
538922	Drill Core	4.67	9.9	330.1	12.8	111	0.3	367.6	35.5	1852	3.89	21.4	0.7	2.1	1.3	1176	0.2	<0.1	0.1	95
538923	Drill Core	4.63	47.0	313.9	27.0	58	0.3	76.7	10.3	863	1.70	26.7	1.1	2.4	3.0	280	0.3	0.1	0.4	74
538924	Drill Core	5.74	35.8	336.7	21.8	136	0.3	447.8	38.1	1329	3.64	12.9	0.8	3.0	2.0	483	0.3	<0.1	0.4	89



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-159
 Report Date: August 17, 2010

Page: 4 of 4 Part 2

CERTIFICATE OF ANALYSIS

SMI10000343.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
538902	Drill Core	1.44	0.041	3	4	0.72	150	<0.001	7	0.22	0.033	0.18	0.1	<0.01	2.1	<0.1	1.08	2	1.7	0.7	
538903	Drill Core	1.86	0.059	5	5	0.72	260	0.002	5	0.24	0.060	0.18	0.1	<0.01	3.0	<0.1	0.59	2	1.3	0.3	
538904	Drill Core	3.39	0.086	5	36	1.49	218	0.003	4	0.30	0.076	0.12	0.1	<0.01	11.3	<0.1	0.29	3	<0.5	<0.2	
538905	Drill Core	1.96	0.036	4	9	0.75	595	0.001	4	0.21	0.062	0.12	<0.1	<0.01	3.8	<0.1	0.22	1	0.9	<0.2	
538906	Drill Core	1.94	0.032	3	4	0.66	415	<0.001	4	0.14	0.037	0.10	<0.1	0.01	2.4	<0.1	0.28	<1	0.8	<0.2	
538907	Drill Core	1.27	0.038	4	4	0.42	349	<0.001	6	0.24	0.044	0.17	<0.1	0.01	2.1	<0.1	0.32	1	0.7	0.2	
538908	Drill Core	1.70	0.035	3	4	0.56	438	<0.001	6	0.17	0.038	0.11	<0.1	0.02	2.4	<0.1	0.28	<1	<0.5	<0.2	
538909	Drill Core	2.03	0.068	5	3	0.89	467	0.003	11	0.41	0.067	0.25	<0.1	<0.01	4.6	0.1	0.24	3	<0.5	0.2	
538910	Drill Core	1.71	0.055	8	3	0.69	456	0.005	5	0.38	0.052	0.23	<0.1	<0.01	2.8	<0.1	0.18	3	<0.5	0.2	
538911	Drill Core	1.57	0.052	5	5	0.59	389	0.004	5	0.31	0.044	0.18	<0.1	<0.01	2.8	<0.1	0.28	2	<0.5	<0.2	
538912	Drill Core	1.31	0.023	3	5	0.38	877	<0.001	2	0.12	0.054	0.05	<0.1	<0.01	1.3	<0.1	0.19	<1	2.1	0.2	
538913	Drill Core	2.18	0.052	6	2	0.29	835	0.002	3	0.18	0.061	0.11	<0.1	<0.01	2.5	<0.1	0.18	<1	0.7	<0.2	
538914	Drill Core	1.69	0.051	9	5	0.79	235	0.009	6	0.41	0.045	0.31	0.1	<0.01	2.6	<0.1	0.56	3	0.8	<0.2	
538915	Rock Pulp	1.76	0.070	18	61	0.84	98	0.029	6	1.53	0.053	0.53	1.7	0.09	5.4	0.3	1.75	5	2.7	0.3	0.194
538916	Drill Core	2.82	0.056	7	19	1.37	367	0.013	7	0.50	0.078	0.25	0.4	<0.01	5.5	<0.1	0.37	4	0.5	<0.2	
538917	Drill Core	4.79	0.122	7	83	2.04	328	0.012	11	0.88	0.147	0.19	0.1	<0.01	20.8	<0.1	<0.05	7	<0.5	<0.2	
538918	Drill Core	2.46	0.049	6	12	0.98	669	0.003	5	0.19	0.072	0.08	0.2	<0.01	3.9	<0.1	0.25	1	0.6	<0.2	
538919	Drill Core	1.71	0.049	6	6	0.66	740	0.003	3	0.16	0.082	0.08	0.2	<0.01	2.4	<0.1	0.23	1	0.5	<0.2	
538920	Drill Core	1.40	0.046	4	5	0.59	290	0.002	6	0.26	0.065	0.17	0.2	0.02	2.4	<0.1	0.53	2	0.9	<0.2	
538921	Drill Core	2.35	0.055	10	4	0.96	743	0.007	3	0.21	0.078	0.12	0.2	<0.01	3.2	<0.1	0.25	2	0.8	0.2	
538922	Drill Core	7.80	0.064	5	365	4.18	162	0.002	7	0.83	0.225	0.16	0.2	<0.01	12.3	<0.1	0.16	3	0.6	0.2	
538923	Drill Core	4.32	0.049	8	65	1.97	826	0.003	5	0.25	0.081	0.10	0.2	<0.01	4.1	<0.1	0.11	2	<0.5	<0.2	
538924	Drill Core	5.82	0.079	5	549	5.20	565	0.028	6	1.77	0.130	0.14	0.1	0.01	8.8	<0.1	0.37	8	<0.5	0.2	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-159
 Report Date: August 17, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000343.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																				
REP 538886	QC		61.3	164.8	22.7	36	0.2	1.5	2.6	600	1.39	33.7	0.6	3.4	3.9	89	<0.1	0.1	0.2	47
538893	Drill Core	5.05	10.8	328.8	29.5	26	0.4	1.9	2.3	368	1.16	73.5	0.6	16.1	3.6	54	0.2	<0.1	0.5	46
REP 538893	QC		10.2	325.5	29.7	26	0.4	1.7	2.4	377	1.15	73.3	0.5	13.0	3.8	56	0.1	<0.1	0.5	46
Core Reject Duplicates																				
538851	Drill Core	4.67	8.3	303.4	14.9	52	0.4	8.3	4.9	926	2.18	17.1	2.1	17.3	2.4	242	0.1	<0.1	0.2	65
DUP 538851	QC		7.3	293.8	14.9	48	0.4	8.8	5.0	871	2.09	15.7	2.0	11.4	2.2	231	<0.1	<0.1	0.1	63
538886	Drill Core	4.97	61.3	166.9	21.3	36	0.2	0.5	2.6	594	1.37	33.1	0.5	3.3	3.6	83	<0.1	<0.1	0.2	46
DUP 538886	QC		59.3	175.2	21.9	46	0.2	1.7	2.8	596	1.41	33.7	0.6	4.0	3.6	86	<0.1	0.5	0.2	47
538921	Drill Core	4.33	65.4	880.0	26.3	63	0.9	3.5	3.5	495	1.56	109.2	0.9	11.0	3.1	104	0.6	0.1	0.5	86
DUP 538921	QC		79.7	941.9	29.7	64	1.0	3.3	3.7	504	1.64	125.3	0.9	13.4	3.2	112	0.6	0.2	0.6	89
Reference Materials																				
STD DS7	Standard		19.8	101.6	67.1	398	1.0	54.6	9.0	612	2.33	51.2	5.3	67.6	4.3	65	6.2	5.0	4.8	77
STD DS7	Standard		22.5	107.4	66.5	393	1.0	55.4	9.6	619	2.43	51.7	5.2	79.4	4.3	68	6.4	5.4	4.6	81
STD DS7	Standard		19.3	104.9	62.9	394	1.0	51.1	8.9	602	2.31	49.7	4.5	57.6	4.3	66	6.0	4.9	4.2	78
STD DS7	Standard		20.2	103.6	62.0	379	1.0	52.0	8.6	606	2.34	50.5	4.5	64.1	4.5	68	6.4	5.5	4.4	79
STD DS7	Standard		20.1	97.2	61.4	376	1.0	49.2	9.1	634	2.37	50.4	4.6	70.5	4.6	67	5.6	5.2	4.2	82
STD DS7	Standard		22.3	109.2	65.9	423	1.2	59.7	9.9	678	2.52	56.6	5.0	113.0	5.0	81	6.4	5.8	4.7	87
STD OXH66	Standard																			
STD OXH66	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD R4A	Standard	0.514																		
STD R4A	Standard	0.516																		
STD R4A	Standard	0.509																		
STD R4A	Standard	0.505																		
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD R4A Expected	0.502																			
STD OXH66 Expected																				

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-159
 Report Date: August 17, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000343.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
Pulp Duplicates																					
REP 538886	QC	1.83	0.050	6	5	0.40	574	0.004	3	0.29	0.032	0.17	<0.1	0.02	1.9	<0.1	0.23	2	<0.5	<0.2	
538893	Drill Core	1.49	0.055	5	4	0.49	235	0.001	4	0.24	0.051	0.16	<0.1	<0.01	2.9	<0.1	0.16	1	<0.5	<0.2	
REP 538893	QC	1.47	0.053	4	4	0.49	235	0.001	4	0.24	0.051	0.16	<0.1	<0.01	2.9	<0.1	0.16	1	0.7	<0.2	
Core Reject Duplicates																					
538851	Drill Core	3.00	0.023	2	11	1.29	115	0.008	1	0.22	0.025	0.14	0.2	0.01	1.3	0.1	0.39	2	<0.5	<0.2	
DUP 538851	QC	2.92	0.022	2	10	1.27	110	0.008	1	0.21	0.024	0.14	0.1	<0.01	1.3	<0.1	0.38	2	<0.5	<0.2	
538886	Drill Core	1.80	0.046	6	2	0.40	518	0.004	3	0.27	0.039	0.17	<0.1	0.02	1.7	<0.1	0.23	2	<0.5	<0.2	
DUP 538886	QC	1.85	0.047	6	5	0.41	584	0.004	4	0.27	0.038	0.16	<0.1	0.02	1.7	<0.1	0.25	2	<0.5	<0.2	
538921	Drill Core	2.35	0.055	10	4	0.96	743	0.007	3	0.21	0.078	0.12	0.2	<0.01	3.2	<0.1	0.25	2	0.8	0.2	
DUP 538921	QC	2.38	0.058	11	5	0.96	695	0.007	4	0.23	0.084	0.13	0.2	<0.01	3.3	<0.1	0.27	2	1.0	0.2	
Reference Materials																					
STD DS7	Standard	0.92	0.077	12	210	1.01	382	0.109	38	0.97	0.092	0.47	2.1	0.22	2.2	4.0	0.19	5	3.1	0.8	
STD DS7	Standard	0.98	0.079	13	213	1.07	410	0.112	41	1.05	0.100	0.47	2.8	0.21	2.4	3.8	0.20	5	2.8	1.1	
STD DS7	Standard	0.92	0.079	12	194	1.01	378	0.100	45	0.99	0.091	0.46	2.4	0.21	2.4	4.1	0.18	5	3.4	1.3	
STD DS7	Standard	0.94	0.078	12	194	1.04	387	0.101	43	1.00	0.093	0.47	2.6	0.20	2.5	4.1	0.18	5	3.6	1.5	
STD DS7	Standard	0.96	0.075	12	228	1.02	397	0.109	39	1.04	0.093	0.46	3.7	0.24	2.3	4.1	0.19	5	3.3	1.7	
STD DS7	Standard	1.04	0.080	15	236	1.09	452	0.123	46	1.13	0.098	0.54	4.1	0.26	2.4	4.6	0.20	6	4.3	0.7	
STD OXH66	Standard																				1.371
STD OXH66	Standard																				1.304
STD OXK79	Standard																				3.544
STD OXK79	Standard																				3.501
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08	
STD R4A Expected																					
STD OXH66 Expected																					1.285

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-159

Report Date: August 17, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000343.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
STD OXK79 Expected																					
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank			<0.1	1.0	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank			0.3	4.8	3.4	50	<0.1	3.1	4.3	575	1.89	<0.5	2.2	<0.5	5.6	50	<0.1	<0.1	0.2	35
G1	Prep Blank			0.2	4.8	3.1	48	<0.1	3.3	4.2	548	1.84	<0.5	2.3	<0.5	5.6	49	<0.1	<0.1	0.2	34



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-159

Report Date: August 17, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000343.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
		0.01	0.001	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	0.005
STD OXK79 Expected																					3.532
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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																				
BLK	Blank	<0.01	<0.001	<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																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
Prep Wash																					
G1	Prep Blank	0.52	0.082	11	13	0.57	181	0.109	<1	0.87	0.061	0.51	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.52	0.088	11	13	0.55	180	0.106	<1	0.85	0.062	0.52	<0.1	<0.01	1.8	0.4	<0.05	5	<0.5	<0.2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: July 28, 2010
Report Date: August 13, 2010
Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI10000344.1

CLIENT JOB INFORMATION

Project: Kwanika-160
Shipment ID: 2010-08
P.O. Number
Number of Samples: 60

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
7AR	18	1:1:1 Aqua Regia Digestion ICP-ES Finish	1	Completed	VAN
R200-250	58	Crush split and pulverize 250g drill core to 200 mesh			SMI
1DX2	60	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G601	9	Fire Assay fusion Au by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-160
 Report Date: August 13, 2010

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

SMI10000344.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
536910	Drill Core		2.98	102.2	905.9	159.7	426	1.1	0.7	2.9	532	0.85	21.2	4.3	25.5	7.9	86	2.3	0.3	0.6	12
536911	Drill Core	0.261	5.01	108.9	2630	17.3	119	1.9	2.2	6.6	718	2.17	11.9	2.2	57.7	5.3	191	0.7	0.1	0.3	48
536912	Drill Core		4.85	57.8	1442	7.1	128	0.8	2.3	5.7	684	2.23	4.5	1.6	19.4	4.4	206	0.5	<0.1	0.2	52
536913	Drill Core	0.221	4.01	447.5	2242	7.7	111	1.3	2.5	6.1	725	2.52	6.8	1.9	39.5	5.5	188	0.7	0.1	0.2	57
536914	Drill Core		7.24	160.9	1947	72.7	92	1.6	2.0	4.2	803	1.75	6.6	1.6	32.7	5.5	189	0.5	<0.1	1.5	43
536915	Drill Core	1.076	4.28	1122	>10000	28.6	141	7.9	2.4	6.2	807	2.17	61.2	1.7	381.2	4.9	210	1.1	0.5	2.5	54
536916	Drill Core		2.94	164.3	1380	17.2	205	1.3	2.1	5.5	1002	2.23	7.2	1.7	25.5	5.3	177	0.9	<0.1	0.4	54
536917	Drill Core		5.08	252.1	1503	5.7	226	1.3	2.1	5.3	826	2.00	7.4	1.9	40.3	5.3	161	1.1	0.1	0.3	50
536918	Drill Core		4.39	378.3	1089	8.7	1112	0.9	1.8	5.1	851	2.27	5.7	1.7	15.4	5.2	200	8.1	0.1	0.4	49
536919	Drill Core	0.291	4.43	243.8	2800	9.3	869	2.1	1.8	4.5	750	1.69	11.7	1.8	36.4	5.5	159	4.5	0.2	0.5	40
536920	Rock		0.35	1.9	22.1	2.3	57	<0.1	39.7	8.3	464	2.30	3.1	0.5	2.0	2.7	37	0.1	0.3	<0.1	51
536921	Drill Core	0.354	4.46	926.9	3591	31.7	177	2.2	2.2	7.6	766	2.31	20.9	1.8	82.0	5.3	191	1.1	0.3	1.1	43
536922	Drill Core		4.22	191.1	1128	8.4	104	0.7	2.4	5.5	882	2.42	6.9	1.6	13.6	4.2	158	0.3	<0.1	0.2	58
536923	Drill Core	0.718	4.96	351.2	7118	22.9	153	3.5	2.8	6.8	676	2.14	14.5	1.3	57.0	4.3	156	0.9	0.1	0.8	50
536924	Drill Core	0.280	4.71	70.4	2834	14.2	133	1.5	2.3	5.3	799	1.99	6.2	1.7	39.0	4.4	702	0.7	0.1	0.4	45
536925	Drill Core	0.759	5.05	565.7	7685	10.1	56	3.6	1.7	3.0	381	1.18	75.0	1.3	267.6	4.6	1432	1.0	0.2	2.2	36
536926	Drill Core	0.579	4.12	282.8	5917	7.1	90	1.9	2.0	3.6	431	1.31	54.9	1.8	136.5	5.9	229	0.8	0.3	0.7	37
536927	Drill Core		3.20	90.1	847.0	4.7	51	0.4	0.9	2.2	421	0.82	14.9	2.0	14.5	6.2	116	0.2	0.2	0.2	17
536928	Drill Core		2.14	31.8	316.1	20.4	30	0.3	0.8	1.6	412	0.93	17.3	2.9	6.4	7.1	140	0.2	0.2	0.3	18
536929	Drill Core		3.54	103.1	975.6	11.1	99	0.6	2.1	4.6	630	1.84	11.5	2.1	27.4	5.8	175	0.5	0.2	0.3	47
536930	Drill Core		4.74	67.9	1568	7.4	122	0.9	1.8	5.1	575	1.60	6.6	1.6	30.0	3.9	161	0.6	<0.1	0.3	45
536931	Drill Core		3.92	113.4	1705	45.6	83	1.1	1.3	3.2	577	1.13	22.2	1.6	39.5	5.0	290	0.5	0.1	0.9	35
536932	Drill Core	0.213	3.40	81.9	2055	169.2	123	1.5	2.9	6.3	892	1.92	14.7	2.1	32.7	4.5	221	0.4	0.1	2.2	46
536933	Drill Core	0.376	5.17	53.8	3719	9.4	108	1.9	2.7	5.6	799	1.75	7.8	1.8	36.5	5.4	152	0.3	<0.1	0.5	43
536934	Drill Core	0.883	6.26	1070	8687	27.6	72	4.1	1.7	3.2	581	1.48	118.4	1.5	205.0	4.5	1009	0.9	0.3	2.8	35
536935	Drill Core	0.987	1.91	341.8	9527	63.5	77	6.9	2.2	4.1	539	1.61	189.0	1.0	783.2	4.5	136	0.7	0.6	4.1	50
536936	Drill Core	1.160	1.87	210.3	>10000	209.9	81	9.8	2.4	4.3	580	1.74	209.3	1.0	693.3	4.8	144	0.8	0.5	6.3	47
536937	Drill Core	0.258	4.32	173.3	2564	9.8	103	1.4	2.3	4.4	940	1.56	27.3	1.3	74.1	5.3	152	0.4	0.2	0.5	53
536938	Drill Core		6.87	279.1	1604	10.4	219	0.8	4.4	5.9	1184	1.69	15.8	1.7	7.0	6.0	756	1.1	0.3	0.4	34
536939	Drill Core		1.27	3.8	849.7	30.5	1564	1.2	76.1	23.3	2704	4.06	11.6	0.6	147.9	0.7	407	6.8	0.2	3.0	97

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-160
 Report Date: August 13, 2010

Page: 2 of 3 Part 2

CERTIFICATE OF ANALYSIS

SMI10000344.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.001	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
536910	Drill Core	1.21	0.024	7	5	0.42	27	0.002	5	0.33	0.041	0.13	<0.1	0.10	0.7	<0.1	0.29	2	1.0	0.2	
536911	Drill Core	1.60	0.071	14	3	0.71	35	0.010	4	0.83	0.085	0.13	0.1	0.01	2.6	<0.1	0.53	6	1.7	<0.2	
536912	Drill Core	1.46	0.071	11	4	0.79	40	0.025	2	0.80	0.102	0.10	0.1	<0.01	2.3	<0.1	0.27	6	1.2	<0.2	
536913	Drill Core	1.01	0.070	11	4	0.97	58	0.032	3	1.21	0.151	0.13	<0.1	<0.01	2.4	<0.1	0.37	8	1.8	0.4	
536914	Drill Core	1.26	0.052	11	3	0.74	43	0.014	3	0.78	0.087	0.13	<0.1	0.01	2.0	<0.1	0.32	6	1.7	0.2	
536915	Drill Core	1.13	0.059	13	4	1.09	54	0.015	2	1.04	0.098	0.21	0.1	0.10	1.8	<0.1	1.24	7	9.4	1.0	0.390
536916	Drill Core	1.85	0.070	12	3	0.95	40	0.015	2	1.02	0.088	0.10	0.2	0.02	2.0	<0.1	0.27	7	1.3	<0.2	
536917	Drill Core	1.07	0.067	11	4	0.81	46	0.029	3	0.97	0.105	0.11	0.1	0.02	2.0	<0.1	0.40	7	1.3	0.2	
536918	Drill Core	1.54	0.063	12	4	0.82	43	0.011	3	0.95	0.102	0.11	0.1	0.08	1.9	<0.1	0.49	7	1.3	<0.2	
536919	Drill Core	1.03	0.055	15	3	0.95	41	0.011	4	0.99	0.096	0.17	0.1	0.07	1.7	<0.1	0.54	7	2.8	<0.2	
536920	Rock	0.55	0.060	9	32	0.94	113	0.089	2	1.23	0.085	0.14	<0.1	0.01	2.9	0.1	<0.05	5	<0.5	<0.2	
536921	Drill Core	2.00	0.066	19	3	0.78	42	0.008	4	0.99	0.086	0.19	0.3	0.03	1.8	<0.1	0.81	6	4.1	0.3	
536922	Drill Core	1.78	0.070	14	3	0.86	64	0.017	2	0.98	0.104	0.13	0.2	0.01	2.8	<0.1	0.28	7	0.9	<0.2	
536923	Drill Core	1.46	0.064	12	3	0.80	108	0.013	2	0.97	0.109	0.21	0.2	0.02	1.8	<0.1	0.94	6	5.1	0.3	
536924	Drill Core	1.94	0.071	9	4	0.76	55	0.019	2	1.01	0.113	0.12	0.1	0.01	1.9	<0.1	0.47	6	1.8	<0.2	
536925	Drill Core	2.70	0.049	17	4	0.45	42	0.006	<1	0.55	0.056	0.18	0.3	0.07	1.3	<0.1	0.72	4	7.6	<0.2	0.264
536926	Drill Core	0.78	0.058	10	3	0.64	37	0.006	2	0.87	0.133	0.18	<0.1	0.05	1.3	<0.1	0.65	5	5.0	0.2	0.137
536927	Drill Core	1.03	0.028	9	5	0.24	37	0.004	2	0.38	0.076	0.12	<0.1	<0.01	0.7	<0.1	0.16	3	<0.5	<0.2	
536928	Drill Core	1.22	0.027	8	4	0.31	41	0.002	2	0.31	0.086	0.11	0.1	0.01	0.9	<0.1	0.06	2	0.6	<0.2	
536929	Drill Core	1.92	0.066	15	4	0.50	56	0.008	3	0.69	0.103	0.12	<0.1	0.03	2.5	<0.1	0.20	5	0.9	<0.2	
536930	Drill Core	1.39	0.060	12	4	0.50	54	0.008	2	0.54	0.097	0.12	<0.1	<0.01	2.4	<0.1	0.28	4	1.3	<0.2	
536931	Drill Core	1.82	0.051	12	3	0.45	49	0.003	2	0.34	0.085	0.11	<0.1	0.02	2.1	<0.1	0.27	2	1.9	0.2	
536932	Drill Core	2.20	0.068	11	4	0.71	46	0.006	3	0.89	0.156	0.12	<0.1	0.04	2.6	<0.1	0.41	5	2.0	<0.2	
536933	Drill Core	1.28	0.066	11	4	0.74	42	0.013	1	0.78	0.122	0.14	<0.1	0.02	2.5	<0.1	0.54	6	2.7	<0.2	
536934	Drill Core	2.55	0.060	17	3	0.55	42	0.005	1	0.56	0.074	0.21	0.3	0.14	1.7	<0.1	0.98	3	8.0	0.4	0.221
536935	Drill Core	1.46	0.064	16	3	0.62	48	0.007	2	0.66	0.063	0.18	0.2	0.20	2.1	<0.1	0.77	5	11.1	0.2	0.610
536936	Drill Core	1.51	0.067	16	3	0.62	48	0.006	2	0.65	0.068	0.18	0.2	0.16	2.1	<0.1	0.91	5	11.6	1.3	0.761
536937	Drill Core	1.36	0.067	12	3	0.89	49	0.010	3	0.92	0.076	0.15	0.2	0.06	2.4	<0.1	0.33	6	2.9	<0.2	
536938	Drill Core	2.26	0.048	10	6	0.83	245	0.004	4	0.95	0.088	0.18	0.1	0.04	1.7	<0.1	0.46	5	1.2	0.2	
536939	Drill Core	3.41	0.125	6	158	2.34	213	0.026	7	1.79	0.106	0.17	<0.1	0.26	8.6	<0.1	0.86	9	2.1	1.4	0.128

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-160
 Report Date: August 13, 2010

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

SMI10000344.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
536940	Drill Core		5.08	6.0	250.7	8.3	15	0.2	0.7	1.0	182	0.45	7.3	0.6	0.6	0.5	52	0.2	0.2	0.2	4
536941	Drill Core		3.97	6.5	622.9	17.4	68	0.4	0.7	1.0	340	0.53	3.3	0.4	1.0	0.8	89	0.4	<0.1	0.3	9
536942	Drill Core		3.91	15.3	409.9	27.1	525	0.5	0.5	1.0	274	0.46	3.2	0.2	4.6	0.5	103	3.6	<0.1	0.4	7
536943	Drill Core		5.67	22.3	369.2	4.9	40	0.2	1.0	1.4	430	0.65	6.5	0.3	5.5	1.0	84	0.1	<0.1	0.2	11
536944	Drill Core		4.90	15.2	1071	7.4	37	0.4	0.7	1.3	408	0.72	6.0	0.4	2.9	1.0	130	0.4	0.2	0.4	12
536945	Drill Core		4.48	2.1	177.3	1.9	19	<0.1	0.6	1.0	370	0.51	6.4	0.4	1.9	1.4	108	<0.1	0.1	0.1	11
536946	Drill Core		2.40	20.4	743.6	3.2	24	0.3	0.7	1.7	382	0.68	23.3	0.4	6.4	1.5	160	0.1	0.2	0.2	11
536947	Drill Core		4.29	3.3	133.0	9.8	29	0.1	3.4	6.9	546	1.04	13.4	0.9	3.5	2.7	311	<0.1	0.1	0.2	15
536948	Drill Core		2.63	10.7	99.9	705.7	26	1.2	3.2	3.2	719	0.89	20.3	3.5	3.3	0.7	1579	0.3	0.1	6.6	21
536949	Drill Core		4.40	24.6	244.6	13.2	42	0.2	0.8	3.0	666	1.16	8.9	1.1	5.0	2.0	355	0.2	0.3	0.8	29
536950	Rock Pulp		0.11	144.6	1713	20.0	59	1.9	16.5	17.1	353	3.77	25.9	3.6	197.8	8.4	53	0.9	6.1	2.3	50
536951	Drill Core		4.93	83.4	41.0	3.4	36	<0.1	0.8	3.4	676	1.17	4.6	0.7	3.0	2.2	248	0.1	0.1	0.4	19
536952	Drill Core		4.74	19.0	386.7	2.7	47	0.4	0.7	3.2	541	1.35	7.3	0.8	14.3	2.4	184	0.1	0.2	0.3	20
536953	Drill Core		5.08	10.3	998.1	9.0	76	1.1	0.7	5.0	649	1.46	9.4	0.9	15.6	2.2	154	0.4	0.2	0.3	20
536954	Drill Core		4.40	2.5	98.4	3.9	53	0.1	0.7	4.0	573	1.42	6.5	0.8	2.4	2.3	223	<0.1	0.2	0.1	25
536955	Drill Core		4.12	52.4	338.7	14.2	37	0.4	0.9	6.5	526	1.79	7.4	0.8	10.7	2.0	167	0.2	0.2	0.5	21
536956	Drill Core		3.54	5.3	48.9	3.9	28	<0.1	0.6	2.5	432	1.33	5.8	0.9	2.4	2.1	200	<0.1	0.2	0.3	25
536957	Drill Core		3.91	51.2	244.6	13.1	104	0.4	0.9	3.6	756	1.86	5.9	0.8	6.4	2.3	211	0.3	0.2	1.0	24
536958	Drill Core	0.389	5.51	155.2	3801	18.2	266	5.2	1.0	12.2	690	3.39	12.4	0.9	60.5	2.2	124	1.6	0.2	5.3	18
536959	Drill Core		2.58	25.8	179.5	2.9	41	0.3	0.8	2.6	392	1.28	7.4	0.9	14.1	2.4	155	<0.1	0.1	0.5	22
536960	Drill Core		4.64	68.1	759.7	7.5	53	1.2	0.8	4.4	510	1.77	7.8	0.8	21.7	2.3	197	0.2	<0.1	0.7	22
536961	Drill Core		5.05	2.1	46.6	16.4	22	0.1	0.7	2.4	561	1.31	11.0	0.9	1.9	2.1	1463	<0.1	0.1	0.2	27
536962	Drill Core		4.79	14.1	542.0	8.8	532	0.8	1.4	9.4	863	2.75	15.2	1.7	6.5	2.3	462	3.1	0.2	0.8	24
536963	Drill Core		4.24	3.0	90.7	3.6	33	0.1	0.9	3.8	567	1.47	7.7	0.7	5.7	2.2	261	<0.1	0.2	0.1	30
536964	Drill Core		4.41	28.7	1656	4.3	47	1.3	0.7	3.9	487	1.45	21.0	0.7	9.9	2.0	272	0.4	0.4	0.2	19
536965	Rock Pulp	0.452	0.10	218.0	4250	33.7	130	2.2	22.6	17.9	484	4.26	107.4	0.5	356.3	1.5	27	1.1	5.6	0.5	77
536966	Drill Core		4.26	3.8	131.3	14.2	41	0.2	1.0	4.8	493	1.52	8.6	0.9	5.2	2.3	131	0.2	0.1	0.3	27
536967	Drill Core	0.225	4.73	104.2	2099	18.0	97	2.7	1.3	22.4	683	6.03	24.4	0.9	42.5	2.2	167	1.0	0.3	3.4	15
536968	Drill Core		4.40	3.2	40.7	18.0	29	0.2	0.8	3.2	673	1.42	6.7	1.1	1.7	2.2	232	<0.1	<0.1	0.3	26
536969	Drill Core		5.42	11.3	117.2	16.6	30	0.3	0.6	3.5	663	1.45	5.7	0.9	4.0	2.2	414	<0.1	0.1	0.3	26

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-160
 Report Date: August 13, 2010

Page: 3 of 3 Part 2

CERTIFICATE OF ANALYSIS

SMI10000344.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
536940	Drill Core	0.76	0.011	3	11	0.26	421	<0.001	2	0.17	0.013	0.09	<0.1	0.03	0.2	<0.1	0.10	<1	<0.5	0.3	
536941	Drill Core	1.91	0.023	6	9	0.33	88	0.001	<1	0.17	0.020	0.08	<0.1	0.03	0.4	<0.1	0.09	<1	<0.5	<0.2	
536942	Drill Core	1.63	0.016	5	10	0.15	25	<0.001	<1	0.13	0.012	0.07	<0.1	0.31	0.2	<0.1	0.11	<1	<0.5	<0.2	
536943	Drill Core	1.41	0.020	6	12	0.44	40	0.002	1	0.27	0.029	0.10	0.1	0.03	0.5	<0.1	0.08	2	<0.5	<0.2	
536944	Drill Core	1.39	0.025	7	10	0.33	114	0.001	2	0.29	0.044	0.10	0.2	0.05	0.5	<0.1	0.15	2	<0.5	<0.2	
536945	Drill Core	1.02	0.032	8	11	0.27	50	0.001	2	0.27	0.046	0.11	<0.1	0.04	0.9	<0.1	0.05	2	<0.5	<0.2	
536946	Drill Core	1.07	0.027	7	8	0.37	50	<0.001	2	0.32	0.067	0.11	<0.1	0.05	0.5	<0.1	0.14	2	<0.5	0.2	
536947	Drill Core	1.89	0.032	7	4	0.41	64	0.002	3	0.60	0.081	0.13	<0.1	0.06	0.8	<0.1	0.35	4	<0.5	<0.2	
536948	Drill Core	2.51	0.009	4	13	0.44	33	0.001	2	0.14	0.031	0.04	0.1	0.03	1.0	<0.1	0.12	1	1.4	0.2	
536949	Drill Core	1.95	0.035	10	4	0.31	75	0.002	3	0.64	0.090	0.12	0.2	0.02	0.9	<0.1	0.14	5	<0.5	<0.2	
536950	Rock Pulp	1.64	0.066	15	60	0.78	61	0.028	4	1.28	0.049	0.46	2.1	0.09	4.2	0.3	1.58	4	2.9	0.5	0.227
536951	Drill Core	1.58	0.038	9	5	0.32	115	0.003	2	0.52	0.105	0.09	<0.1	0.02	0.9	<0.1	0.10	4	<0.5	<0.2	
536952	Drill Core	1.23	0.041	9	4	0.33	194	0.003	3	0.57	0.102	0.10	<0.1	0.01	1.0	<0.1	0.18	4	<0.5	<0.2	
536953	Drill Core	1.33	0.041	10	4	0.40	117	0.004	3	0.53	0.095	0.12	<0.1	0.04	1.1	<0.1	0.30	4	0.5	<0.2	
536954	Drill Core	1.56	0.043	10	3	0.34	129	0.003	3	0.54	0.094	0.09	<0.1	0.02	1.1	<0.1	0.12	5	<0.5	<0.2	
536955	Drill Core	1.49	0.036	10	3	0.30	108	0.003	3	0.48	0.086	0.12	0.2	0.08	0.9	<0.1	0.84	4	0.7	<0.2	
536956	Drill Core	1.19	0.040	9	4	0.25	83	0.007	4	0.56	0.100	0.09	<0.1	0.02	1.0	<0.1	0.09	4	<0.5	<0.2	
536957	Drill Core	1.15	0.041	8	4	0.44	95	0.005	3	0.87	0.099	0.16	<0.1	0.06	0.8	<0.1	0.15	6	<0.5	<0.2	
536958	Drill Core	0.78	0.040	9	4	0.35	58	0.004	3	0.69	0.064	0.21	0.1	0.32	0.7	<0.1	2.12	5	2.5	1.8	
536959	Drill Core	1.14	0.042	9	4	0.23	83	0.004	4	0.53	0.104	0.12	<0.1	0.06	1.0	<0.1	0.17	4	<0.5	<0.2	
536960	Drill Core	1.28	0.041	10	3	0.31	204	0.003	3	0.47	0.093	0.13	<0.1	0.04	1.1	<0.1	0.60	4	0.6	0.3	
536961	Drill Core	2.22	0.041	11	3	0.23	202	0.002	5	0.34	0.104	0.09	<0.1	<0.01	1.4	<0.1	0.09	3	<0.5	<0.2	
536962	Drill Core	3.14	0.041	10	2	0.95	69	0.002	3	0.42	0.084	0.13	0.1	0.32	1.3	<0.1	1.26	4	0.5	0.3	
536963	Drill Core	1.65	0.048	10	3	0.32	110	0.002	5	0.50	0.128	0.11	<0.1	0.02	2.1	<0.1	0.12	4	<0.5	<0.2	
536964	Drill Core	1.74	0.039	10	4	0.24	66	0.002	3	0.42	0.096	0.10	<0.1	0.03	1.1	<0.1	0.48	3	<0.5	<0.2	
536965	Rock Pulp	0.42	0.101	9	29	0.61	34	0.046	3	0.98	0.026	0.57	1.0	0.10	5.0	0.4	2.18	4	6.7	1.1	0.464
536966	Drill Core	1.30	0.043	10	4	0.25	93	0.003	2	0.37	0.103	0.11	0.1	0.03	1.3	<0.1	0.32	3	<0.5	<0.2	
536967	Drill Core	1.54	0.040	10	1	0.36	31	0.002	2	0.43	0.063	0.20	0.2	0.15	0.8	<0.1	5.25	3	4.2	1.6	
536968	Drill Core	1.97	0.042	11	3	0.41	47	0.002	3	0.31	0.099	0.10	<0.1	0.02	1.7	<0.1	0.11	2	<0.5	<0.2	
536969	Drill Core	2.01	0.040	11	3	0.47	50	0.002	2	0.32	0.089	0.09	<0.1	<0.01	1.6	<0.1	0.16	2	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-160
Report Date: August 13, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000344.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
Pulp Duplicates																					
536937	Drill Core	0.258	4.32	173.3	2564	9.8	103	1.4	2.3	4.4	940	1.56	27.3	1.3	74.1	5.3	152	0.4	0.2	0.5	53
REP 536937	QC			178.8	2644	10.8	110	1.5	2.9	4.7	967	1.60	28.5	1.3	78.3	5.0	154	0.3	0.2	0.5	55
536962	Drill Core		4.79	14.1	542.0	8.8	532	0.8	1.4	9.4	863	2.75	15.2	1.7	6.5	2.3	462	3.1	0.2	0.8	24
REP 536962	QC			13.5	519.9	8.5	500	0.7	1.3	8.6	815	2.58	14.2	1.5	5.6	2.2	433	3.0	0.2	0.8	23
536965	Rock Pulp	0.452	0.10	218.0	4250	33.7	130	2.2	22.6	17.9	484	4.26	107.4	0.5	356.3	1.5	27	1.1	5.6	0.5	77
REP 536965	QC	0.452																			
Core Reject Duplicates																					
536934	Drill Core	0.883	6.26	1070	8687	27.6	72	4.1	1.7	3.2	581	1.48	118.4	1.5	205.0	4.5	1009	0.9	0.3	2.8	35
DUP 536934	QC			1069	8970	21.1	69	4.3	1.7	3.2	607	1.50	114.5	1.5	206.6	4.9	843	0.9	0.3	2.6	35
536969	Drill Core		5.42	11.3	117.2	16.6	30	0.3	0.6	3.5	663	1.45	5.7	0.9	4.0	2.2	414	<0.1	0.1	0.3	26
DUP 536969	QC			10.0	111.0	17.1	30	0.5	0.9	3.5	663	1.46	5.7	0.9	4.4	2.2	404	<0.1	0.1	0.2	26
Reference Materials																					
STD DS7	Standard			19.3	104.9	62.9	394	1.0	51.1	8.9	602	2.31	49.7	4.5	57.6	4.3	66	6.0	4.9	4.2	78
STD DS7	Standard			20.2	103.6	62.0	379	1.0	52.0	8.6	606	2.34	50.5	4.5	64.1	4.5	68	6.4	5.5	4.4	79
STD DS7	Standard			20.6	103.9	68.9	396	0.9	57.4	9.6	635	2.45	53.3	4.6	70.7	4.4	67	5.9	5.5	4.5	82
STD DS7	Standard			20.5	99.7	65.7	386	1.0	56.6	9.5	624	2.38	53.6	4.3	66.9	4.1	64	6.1	5.4	4.3	80
STD DS7	Standard			21.7	101.2	63.8	406	0.9	57.2	9.7	642	2.47	56.5	4.7	87.3	4.4	75	6.8	6.3	5.0	85
STD DS7	Standard			20.3	98.5	63.4	409	1.0	55.0	9.6	644	2.48	55.2	4.7	89.8	4.4	72	6.2	6.2	4.8	85
STD OXH66	Standard																				
STD OXK79	Standard																				
STD R4A	Standard	0.504																			
STD R4A	Standard	0.506																			
STD R4A	Standard	0.505																			
STD R4A	Standard	0.508																			
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD OXH66 Expected																					
STD OXK79 Expected																					
STD R4A Expected		0.502																			



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-160
Report Date: August 13, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000344.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
Pulp Duplicates																					
536937	Drill Core	1.36	0.067	12	3	0.89	49	0.010	3	0.92	0.076	0.15	0.2	0.06	2.4	<0.1	0.33	6	2.9	<0.2	
REP 536937	QC	1.39	0.067	13	3	0.92	50	0.010	3	0.94	0.079	0.15	0.2	0.07	2.5	<0.1	0.34	7	2.7	0.3	
536962	Drill Core	3.14	0.041	10	2	0.95	69	0.002	3	0.42	0.084	0.13	0.1	0.32	1.3	<0.1	1.26	4	0.5	0.3	
REP 536962	QC	2.92	0.039	10	2	0.90	82	0.003	4	0.42	0.082	0.12	0.1	0.29	1.3	<0.1	1.21	4	0.6	0.3	
536965	Rock Pulp	0.42	0.101	9	29	0.61	34	0.046	3	0.98	0.026	0.57	1.0	0.10	5.0	0.4	2.18	4	6.7	1.1	0.464
REP 536965	QC																				
Core Reject Duplicates																					
536934	Drill Core	2.55	0.060	17	3	0.55	42	0.005	1	0.56	0.074	0.21	0.3	0.14	1.7	<0.1	0.98	3	8.0	0.4	0.221
DUP 536934	QC	2.59	0.060	17	3	0.56	46	0.005	1	0.58	0.076	0.21	0.3	0.12	1.7	<0.1	0.96	3	7.9	0.3	
536969	Drill Core	2.01	0.040	11	3	0.47	50	0.002	2	0.32	0.089	0.09	<0.1	<0.01	1.6	<0.1	0.16	2	<0.5	<0.2	
DUP 536969	QC	2.02	0.040	11	2	0.46	52	0.002	2	0.32	0.090	0.09	<0.1	<0.01	1.6	<0.1	0.15	3	<0.5	<0.2	
Reference Materials																					
STD DS7	Standard	0.92	0.079	12	194	1.01	378	0.100	45	0.99	0.091	0.46	2.4	0.21	2.4	4.1	0.18	5	3.4	1.3	
STD DS7	Standard	0.94	0.078	12	194	1.04	387	0.101	43	1.00	0.093	0.47	2.6	0.20	2.5	4.1	0.18	5	3.6	1.5	
STD DS7	Standard	0.94	0.080	12	233	1.02	401	0.109	41	1.01	0.097	0.48	3.8	0.21	2.2	4.2	0.20	5	3.1	1.5	
STD DS7	Standard	0.90	0.079	12	225	1.01	382	0.104	40	0.99	0.095	0.47	3.6	0.22	2.1	4.1	0.19	5	3.3	1.7	
STD DS7	Standard	0.98	0.083	12	200	1.08	433	0.115	43	1.04	0.097	0.49	4.3	0.21	2.1	4.6	0.20	5	3.5	1.7	
STD DS7	Standard	0.99	0.084	12	216	1.08	439	0.115	43	1.06	0.099	0.48	4.0	0.24	2.1	4.3	0.20	5	3.5	2.1	
STD OXH66	Standard																			1.248	
STD OXK79	Standard																			3.515	
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08	
STD OXH66 Expected																				1.285	
STD OXK79 Expected																				3.532	
STD R4A Expected																					

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-160

Report Date: August 13, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000344.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	0.9	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001																			
Prep Wash																					
G1	Prep Blank			0.2	3.7	3.1	46	<0.1	2.8	3.9	575	1.86	0.6	2.0	<0.5	5.6	55	<0.1	<0.1	<0.1	35
G1	Prep Blank			0.3	6.4	3.3	47	<0.1	2.6	3.9	542	1.91	0.6	1.9	<0.5	5.3	56	<0.1	<0.1	<0.1	35



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-160

Report Date: August 13, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000344.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
		0.01	0.001	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	0.005
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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																				
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.52	0.087	12	1	0.53	179	0.109	1	0.96	0.078	0.52	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.51	0.078	10	7	0.52	176	0.104	2	0.95	0.079	0.49	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: July 28, 2010
Report Date: August 13, 2010
Page: 1 of 4

CERTIFICATE OF ANALYSIS

SMI10000345.1

CLIENT JOB INFORMATION

Project: Kwanika-161
Shipment ID: 2010-08
P.O. Number
Number of Samples: 71

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
7AR	9	1:1:1 Aqua Regia Digestion ICP-ES Finish	1	Completed	VAN
R200-250	68	Crush split and pulverize 250g drill core to 200 mesh			SMI
1DX2	71	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G601	3	Fire Assay fusion Au by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-161
 Report Date: August 13, 2010

Page: 2 of 4 Part 1

CERTIFICATE OF ANALYSIS

SMI10000345.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538925	Rock Pulp	0.456	0.10	227.9	4230	32.5	129	2.1	21.8	17.6	484	4.21	105.4	0.5	371.7	1.5	27	1.0	5.5	0.5	77
538926	Drill Core		4.66	1.6	88.0	202.7	81	0.3	75.5	32.3	1316	4.77	10.3	0.5	1.1	0.7	387	0.2	0.2	1.7	136
538927	Drill Core		5.93	7.1	62.7	47.6	77	0.1	46.5	21.0	1350	3.77	8.0	0.7	1.3	1.1	405	<0.1	0.1	0.4	95
538928	Drill Core		4.57	2.8	35.3	23.5	30	<0.1	4.7	4.9	769	1.48	3.2	0.8	4.4	2.1	151	<0.1	<0.1	0.2	25
538929	Drill Core		6.20	6.6	76.2	107.8	54	0.4	12.8	11.1	1311	2.46	3.9	1.6	2.3	1.4	230	0.2	<0.1	1.3	43
538930	Drill Core		2.72	10.6	31.0	20.1	27	<0.1	3.6	4.2	717	1.41	2.2	1.0	2.4	1.1	203	0.1	<0.1	0.3	28
538931	Drill Core		4.06	6.8	313.0	46.1	32	0.3	1.8	4.1	717	1.56	6.6	5.2	2.5	2.4	200	0.2	<0.1	0.4	38
538932	Drill Core		4.40	4.0	75.8	51.5	27	0.2	0.9	2.9	603	1.24	2.1	0.4	1.6	2.3	105	<0.1	<0.1	0.5	20
538933	Drill Core		3.15	8.3	136.6	16.9	24	0.3	1.0	2.8	490	1.16	1.5	0.6	1.9	2.4	129	<0.1	<0.1	0.2	24
538934	Drill Core		6.06	29.7	212.8	8.9	35	0.2	1.3	2.5	415	1.00	0.8	0.6	3.5	4.4	110	0.1	<0.1	0.2	39
538935	Drill Core		4.74	9.8	342.2	26.5	44	0.4	1.0	2.2	443	0.79	82.2	3.4	3.0	3.0	102	0.1	0.1	0.7	27
538936	Drill Core		5.87	10.1	504.9	17.8	43	0.3	1.1	3.7	437	0.97	61.8	2.4	6.5	3.3	106	0.1	0.2	0.2	27
538937	Drill Core	0.288	3.29	38.2	2784	4.3	42	1.3	2.0	10.5	395	1.93	1.8	0.8	28.2	2.8	135	0.1	0.1	0.2	40
538938	Drill Core		4.52	63.3	1179	2.9	46	0.5	1.5	6.3	453	2.17	3.1	0.9	13.9	2.5	117	0.2	0.1	0.2	51
538939	Drill Core	0.253	4.85	143.1	2544	3.6	67	1.2	1.9	6.2	482	1.78	3.4	1.2	21.0	2.7	102	0.3	0.3	0.2	48
538940	Rock		0.75	1.8	38.4	3.4	47	<0.1	33.7	8.5	448	2.37	2.6	0.6	1.1	2.9	36	0.1	0.4	0.1	48
538941	Drill Core		5.18	267.5	1105	2.1	65	0.7	1.7	6.5	625	2.02	3.0	0.8	10.6	2.6	137	0.2	0.2	0.3	48
538942	Drill Core		4.51	104.3	1778	5.3	89	1.4	3.0	6.2	573	2.01	3.7	1.1	13.0	2.3	161	0.4	0.2	0.4	66
538943	Drill Core		5.72	5.1	132.2	2.7	86	<0.1	21.7	17.5	1285	4.24	7.3	0.4	2.4	0.7	178	<0.1	0.2	<0.1	153
538944	Drill Core		6.17	11.6	437.5	2.4	61	0.3	19.1	19.7	947	3.67	9.8	0.5	8.2	1.0	223	<0.1	0.3	0.1	120
538945	Drill Core		4.23	158.3	807.0	2.4	59	0.6	2.8	5.9	533	1.83	4.6	1.1	7.1	2.6	141	0.3	0.2	0.2	50
538946	Drill Core		4.96	60.0	436.0	2.0	52	0.3	1.8	5.5	572	1.97	7.5	1.5	4.8	4.2	162	0.1	0.1	0.1	50
538947	Drill Core		4.55	351.6	828.2	2.7	46	0.5	1.5	4.2	390	1.16	9.2	2.6	11.1	6.6	114	0.2	0.1	0.1	44
538948	Drill Core		4.62	587.1	1921	13.4	59	1.6	1.7	4.5	419	1.44	2.1	1.8	20.2	4.7	69	0.4	<0.1	0.3	45
538949	Drill Core	0.371	4.84	500.3	3564	4.2	51	1.9	1.8	5.5	361	1.52	7.1	1.9	32.6	4.7	97	0.3	0.2	0.3	39
538950	Drill Core	0.278	4.95	238.5	2670	2.0	57	1.3	1.8	5.4	494	1.53	2.3	1.3	25.1	4.0	87	0.3	<0.1	0.2	40
538951	Drill Core		5.06	328.1	1755	2.9	41	0.8	1.2	5.0	366	1.57	2.9	0.9	17.3	2.5	106	0.1	0.2	0.2	37
538952	Drill Core	0.215	4.90	311.8	2102	3.8	41	0.8	1.7	6.7	354	1.40	1.9	0.9	19.1	2.8	90	0.2	<0.1	0.2	43
538953	Drill Core		4.72	248.8	1317	5.7	75	1.0	1.3	7.0	491	1.66	2.0	1.0	17.1	2.7	92	0.4	<0.1	0.2	48
538954	Drill Core		4.85	126.9	1474	7.9	93	1.4	1.4	6.5	486	1.76	1.9	1.0	18.8	2.7	86	0.3	<0.1	0.2	44

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-161
 Report Date: August 13, 2010

Page: 2 of 4 Part 2

CERTIFICATE OF ANALYSIS

SMI10000345.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
538925	Rock Pulp	0.41	0.099	9	28	0.60	34	0.045	3	0.97	0.026	0.58	1.0	0.09	4.9	0.4	2.17	4	6.6	1.0	0.402
538926	Drill Core	7.44	0.120	5	168	3.20	526	0.070	5	1.83	0.049	0.10	0.2	<0.01	17.0	<0.1	0.15	11	<0.5	<0.2	
538927	Drill Core	7.16	0.094	6	97	2.21	206	0.018	8	0.94	0.044	0.16	0.1	<0.01	13.3	<0.1	0.12	7	<0.5	0.2	
538928	Drill Core	3.15	0.039	8	8	1.08	436	0.001	5	0.24	0.052	0.13	<0.1	<0.01	2.1	<0.1	0.12	1	<0.5	<0.2	
538929	Drill Core	5.33	0.065	6	26	1.56	250	0.001	8	0.34	0.044	0.20	<0.1	<0.01	8.3	<0.1	0.13	2	<0.5	<0.2	
538930	Drill Core	4.10	0.029	3	8	0.98	711	<0.001	5	0.23	0.058	0.10	<0.1	<0.01	2.0	<0.1	0.09	1	<0.5	<0.2	
538931	Drill Core	3.38	0.038	9	4	0.48	259	0.002	5	0.26	0.042	0.14	<0.1	<0.01	1.4	<0.1	0.12	1	<0.5	<0.2	
538932	Drill Core	2.54	0.035	8	3	0.41	389	0.002	4	0.26	0.061	0.15	<0.1	<0.01	1.1	<0.1	0.11	1	<0.5	<0.2	
538933	Drill Core	2.10	0.038	6	2	0.46	480	<0.001	4	0.29	0.058	0.14	<0.1	<0.01	1.2	<0.1	0.08	1	<0.5	<0.2	
538934	Drill Core	1.63	0.056	9	2	0.47	227	0.001	6	0.32	0.040	0.15	<0.1	<0.01	1.9	<0.1	0.08	2	<0.5	<0.2	
538935	Drill Core	1.73	0.056	4	2	0.59	432	<0.001	8	0.34	0.041	0.19	<0.1	<0.01	2.5	<0.1	0.07	2	<0.5	<0.2	
538936	Drill Core	1.92	0.058	5	2	0.45	335	<0.001	8	0.36	0.048	0.15	<0.1	<0.01	2.2	<0.1	0.20	2	<0.5	<0.2	
538937	Drill Core	1.52	0.084	12	3	0.62	102	0.007	5	0.77	0.109	0.12	<0.1	0.02	2.5	<0.1	0.61	5	1.4	<0.2	
538938	Drill Core	1.44	0.086	11	3	0.81	87	0.021	5	0.92	0.101	0.11	0.1	0.01	2.4	<0.1	0.36	7	0.6	<0.2	
538939	Drill Core	1.25	0.094	11	3	0.77	98	0.035	5	0.98	0.167	0.12	0.2	<0.01	2.1	<0.1	0.39	6	1.5	<0.2	
538940	Rock	0.63	0.081	12	37	0.74	124	0.083	2	1.09	0.069	0.16	<0.1	0.02	3.0	0.1	<0.05	4	<0.5	<0.2	
538941	Drill Core	1.19	0.092	9	3	0.85	262	0.050	4	1.06	0.139	0.11	0.2	0.01	1.9	<0.1	0.32	7	0.8	<0.2	
538942	Drill Core	1.67	0.102	9	3	0.78	248	0.081	3	0.95	0.152	0.12	0.4	<0.01	3.0	<0.1	0.35	6	1.5	<0.2	
538943	Drill Core	2.34	0.143	5	47	1.92	56	0.171	6	1.86	0.195	0.13	0.4	<0.01	8.9	<0.1	0.25	9	<0.5	<0.2	
538944	Drill Core	2.01	0.132	6	33	1.41	49	0.159	5	1.50	0.207	0.12	0.4	0.02	8.0	<0.1	0.76	7	1.5	<0.2	
538945	Drill Core	1.48	0.088	10	5	0.69	56	0.080	5	0.99	0.152	0.12	0.2	<0.01	2.2	<0.1	0.22	6	0.7	<0.2	
538946	Drill Core	1.46	0.077	9	3	0.78	101	0.089	4	1.21	0.145	0.12	0.3	<0.01	2.3	<0.1	0.26	7	0.5	<0.2	
538947	Drill Core	1.01	0.055	8	4	0.66	67	0.071	4	1.09	0.199	0.15	0.3	0.01	2.5	<0.1	0.20	6	0.6	<0.2	
538948	Drill Core	1.13	0.056	10	4	0.60	108	0.045	2	0.70	0.101	0.14	0.3	0.01	1.9	<0.1	0.35	6	1.6	0.4	
538949	Drill Core	0.95	0.050	7	5	0.56	104	0.071	3	0.92	0.165	0.21	0.5	0.01	2.5	<0.1	0.66	5	2.6	0.2	
538950	Drill Core	0.89	0.055	8	4	0.68	112	0.050	3	0.85	0.103	0.17	0.2	<0.01	1.7	<0.1	0.42	7	2.0	<0.2	
538951	Drill Core	0.95	0.056	9	4	0.54	154	0.039	3	0.71	0.082	0.11	0.2	0.01	1.4	<0.1	0.44	5	1.5	<0.2	
538952	Drill Core	1.26	0.055	11	4	0.44	205	0.051	3	0.61	0.098	0.12	0.2	0.02	1.7	<0.1	0.51	5	1.0	<0.2	
538953	Drill Core	1.32	0.062	12	4	0.48	148	0.049	3	0.63	0.096	0.12	0.2	0.01	1.7	<0.1	0.31	5	1.5	0.3	
538954	Drill Core	1.16	0.062	9	3	0.50	160	0.048	2	0.69	0.095	0.15	0.3	<0.01	1.7	<0.1	0.40	5	0.9	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-161
 Report Date: August 13, 2010

Page: 3 of 4 Part 1

CERTIFICATE OF ANALYSIS

SMI10000345.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538955	Drill Core	2.48	94.9	1628	7.9	95	1.0	1.4	6.2	461	1.57	2.0	1.8	23.9	5.6	98	0.6	<0.1	0.2	45	
538956	Drill Core	2.07	78.0	1526	10.7	98	0.9	1.6	5.6	437	1.48	1.9	1.7	22.0	5.3	94	0.5	<0.1	0.3	42	
538957	Drill Core	5.02	172.3	271.7	23.6	50	0.3	1.4	4.1	595	1.32	3.5	1.8	6.8	4.4	158	0.2	<0.1	0.4	40	
538958	Drill Core	0.236	4.94	27.7	2366	35.0	76	1.8	2.6	10.0	670	2.58	3.0	1.7	30.5	5.1	198	0.3	<0.1	0.5	73
538959	Drill Core	5.20	63.1	430.9	58.7	59	0.5	1.7	3.9	566	1.50	2.3	1.5	6.0	3.4	143	0.1	<0.1	0.7	55	
538960	Drill Core	4.71	15.2	240.4	5.2	64	0.3	1.8	4.3	633	1.78	3.8	2.0	3.9	5.4	109	<0.1	<0.1	0.2	62	
538961	Drill Core	4.78	123.4	1322	26.0	113	1.1	1.8	4.8	636	1.50	3.5	1.7	12.3	5.0	114	0.5	<0.1	0.5	43	
538962	Drill Core	5.19	68.1	1114	29.3	192	1.2	1.7	5.2	723	1.53	4.1	1.7	14.3	5.0	116	0.8	0.1	0.4	38	
538963	Drill Core	0.237	4.95	50.7	2419	10.5	159	2.4	2.2	7.0	731	1.55	4.4	1.7	34.5	5.5	131	0.9	0.2	0.3	46
538964	Drill Core	4.97	56.1	1678	15.6	122	1.5	2.5	5.3	593	1.44	1.1	1.5	31.5	5.4	85	0.6	<0.1	0.3	51	
538965	Drill Core	4.71	70.5	607.5	25.5	117	0.6	1.7	3.6	580	1.35	1.0	1.2	9.8	4.7	100	0.3	<0.1	0.3	59	
538966	Drill Core	5.07	19.3	744.3	13.1	75	0.5	1.9	4.7	671	1.55	2.7	1.5	11.1	5.3	124	0.2	0.1	0.2	58	
538967	Drill Core	4.92	108.5	401.4	8.8	76	0.3	1.9	3.5	615	1.45	2.1	1.5	4.5	5.1	73	0.2	<0.1	0.2	64	
538968	Drill Core	5.08	51.2	604.7	13.0	42	0.3	2.0	2.6	477	0.93	17.0	1.5	4.0	5.3	78	<0.1	0.3	0.2	50	
538969	Drill Core	4.29	62.5	797.9	21.1	52	0.5	1.2	3.3	483	1.16	3.4	1.7	9.4	5.3	120	0.2	<0.1	0.6	39	
538970	Rock Pulp	0.12	149.8	1733	21.2	61	1.9	16.6	15.4	364	3.77	25.8	3.8	168.0	9.5	59	1.2	6.5	2.4	52	
538971	Drill Core	4.92	7.6	237.1	2.7	52	0.1	1.8	3.0	551	1.21	2.3	1.9	7.9	7.3	65	<0.1	<0.1	0.1	48	
538972	Drill Core	5.59	106.1	1239	15.8	61	0.7	1.7	3.8	480	1.18	4.8	1.7	12.5	5.2	56	0.2	0.1	0.4	47	
538973	Drill Core	3.31	25.5	542.6	7.2	115	0.4	1.9	4.1	756	1.13	5.0	1.5	9.6	4.5	83	0.6	0.2	0.3	37	
538974	Drill Core	4.44	38.7	275.8	3.8	42	0.2	1.9	3.4	533	1.17	4.6	1.5	5.2	6.0	55	0.1	0.1	0.1	50	
538975	Drill Core	4.89	177.7	880.7	19.5	50	0.6	2.2	4.7	616	1.45	6.9	1.7	11.1	4.9	87	0.2	0.3	0.3	45	
538976	Drill Core	4.98	125.7	211.0	6.3	30	0.2	1.4	2.2	521	0.85	2.7	1.6	3.5	5.1	83	0.2	0.1	0.2	26	
538977	Drill Core	4.53	21.6	61.4	7.8	30	<0.1	1.7	3.0	534	1.16	2.8	1.5	1.9	5.6	78	<0.1	<0.1	0.1	41	
538978	Drill Core	4.75	31.3	48.1	5.7	20	<0.1	1.7	2.1	420	0.89	2.0	1.5	1.9	4.2	82	<0.1	0.1	0.1	29	
538979	Drill Core	4.74	11.4	150.7	11.7	51	0.2	1.2	4.1	658	1.62	2.7	1.5	3.3	4.0	79	<0.1	<0.1	0.4	33	
538980	Drill Core	4.96	6.4	770.1	4.0	53	0.4	1.5	4.6	736	1.82	2.8	2.4	11.6	4.8	92	<0.1	<0.1	0.3	30	
538981	Drill Core	4.03	17.4	209.8	2.3	50	0.1	1.4	3.9	601	1.86	2.8	5.8	6.1	5.8	65	<0.1	<0.1	0.1	36	
538982	Drill Core	5.00	6.0	201.5	7.3	46	0.1	1.5	3.8	614	1.53	7.8	3.6	4.7	5.3	80	<0.1	0.2	0.2	33	
538983	Drill Core	4.75	5.2	197.9	13.3	51	0.2	1.3	4.8	724	1.99	7.7	2.1	5.0	3.9	87	<0.1	<0.1	0.4	32	
538984	Drill Core	4.70	6.5	459.1	13.9	35	0.3	1.3	3.7	498	1.47	24.4	3.0	4.9	5.9	71	<0.1	0.2	0.2	23	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-161
 Report Date: August 13, 2010

Page: 3 of 4 Part 2

CERTIFICATE OF ANALYSIS

SMI10000345.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
538955	Drill Core	1.12	0.056	8	4	0.64	115	0.056	3	0.78	0.090	0.13	0.2	0.02	2.1	<0.1	0.36	5	0.8	<0.2	
538956	Drill Core	1.10	0.055	8	4	0.62	123	0.054	2	0.73	0.084	0.12	0.2	<0.01	1.8	<0.1	0.32	5	<0.5	<0.2	
538957	Drill Core	1.60	0.048	7	4	0.69	174	0.029	4	1.20	0.179	0.18	0.2	<0.01	1.8	<0.1	0.20	6	0.6	<0.2	
538958	Drill Core	2.07	0.052	8	5	0.71	92	0.061	4	1.04	0.167	0.13	0.3	<0.01	2.1	<0.1	0.42	7	1.1	<0.2	
538959	Drill Core	1.41	0.052	7	4	0.68	88	0.072	3	1.16	0.187	0.19	0.5	<0.01	2.3	<0.1	0.22	7	<0.5	<0.2	
538960	Drill Core	1.11	0.053	7	5	0.77	140	0.085	3	1.26	0.155	0.18	0.4	<0.01	2.3	<0.1	0.28	8	<0.5	<0.2	
538961	Drill Core	2.07	0.053	7	4	0.69	136	0.058	2	0.93	0.073	0.16	0.3	0.01	1.6	<0.1	0.42	6	0.9	<0.2	
538962	Drill Core	1.36	0.054	7	4	0.78	64	0.048	4	1.12	0.098	0.17	0.2	0.02	1.5	<0.1	0.39	6	0.9	0.2	
538963	Drill Core	1.77	0.050	8	4	0.70	86	0.041	4	0.99	0.080	0.16	0.2	0.02	1.6	<0.1	0.45	6	1.1	<0.2	
538964	Drill Core	1.06	0.052	8	5	0.69	111	0.037	2	0.87	0.093	0.15	0.1	0.02	2.0	<0.1	0.28	6	1.5	<0.2	
538965	Drill Core	1.27	0.051	6	5	0.61	83	0.046	2	0.77	0.072	0.16	0.2	0.01	2.1	<0.1	0.14	5	0.6	<0.2	
538966	Drill Core	1.53	0.054	6	5	0.79	74	0.058	4	1.20	0.135	0.20	0.2	<0.01	2.2	<0.1	0.34	7	0.6	0.2	
538967	Drill Core	1.28	0.048	7	5	0.70	90	0.056	2	0.90	0.105	0.19	0.2	0.01	2.0	<0.1	0.11	6	<0.5	0.2	
538968	Drill Core	1.80	0.054	5	5	0.68	56	0.044	2	0.86	0.070	0.21	0.2	<0.01	1.7	<0.1	0.11	6	0.5	<0.2	
538969	Drill Core	2.01	0.042	7	5	0.50	134	0.018	1	0.62	0.053	0.14	0.1	<0.01	1.6	<0.1	0.18	4	0.9	<0.2	
538970	Rock Pulp	1.74	0.066	17	60	0.81	70	0.028	5	1.37	0.050	0.50	2.2	0.09	5.1	0.3	1.62	4	2.6	<0.2	0.203
538971	Drill Core	1.19	0.053	7	3	0.64	155	0.035	2	0.74	0.049	0.16	0.1	<0.01	1.8	<0.1	0.11	5	0.6	<0.2	
538972	Drill Core	1.27	0.051	10	5	0.51	186	0.014	3	0.66	0.061	0.17	0.2	0.01	1.8	<0.1	0.21	5	1.1	<0.2	
538973	Drill Core	2.43	0.049	10	5	0.46	321	0.008	3	0.63	0.042	0.19	0.1	0.01	1.5	<0.1	0.17	5	<0.5	<0.2	
538974	Drill Core	1.50	0.052	9	4	0.50	192	0.008	1	0.68	0.060	0.19	0.1	<0.01	1.9	<0.1	0.14	5	<0.5	<0.2	
538975	Drill Core	1.53	0.053	8	4	0.82	44	0.019	3	0.89	0.058	0.20	0.1	0.01	1.6	<0.1	0.35	6	0.8	<0.2	
538976	Drill Core	2.11	0.038	6	5	0.51	124	0.008	3	0.65	0.041	0.21	0.1	<0.01	1.2	<0.1	0.13	4	<0.5	<0.2	
538977	Drill Core	1.59	0.053	7	4	0.71	251	0.012	2	0.82	0.043	0.22	<0.1	0.01	1.7	<0.1	0.22	5	<0.5	<0.2	
538978	Drill Core	1.71	0.033	6	7	0.54	91	0.007	4	0.66	0.034	0.19	0.1	<0.01	1.3	<0.1	0.06	3	<0.5	<0.2	
538979	Drill Core	1.71	0.050	11	4	0.59	127	0.007	4	0.80	0.067	0.15	0.1	<0.01	1.8	<0.1	0.13	5	<0.5	<0.2	
538980	Drill Core	1.77	0.049	12	4	0.60	156	0.008	7	0.85	0.066	0.17	<0.1	<0.01	2.0	<0.1	0.22	6	0.7	<0.2	
538981	Drill Core	1.70	0.052	15	3	0.56	175	0.010	3	0.71	0.069	0.15	<0.1	<0.01	2.0	<0.1	0.10	6	<0.5	<0.2	
538982	Drill Core	1.98	0.051	12	3	0.65	261	0.005	4	0.59	0.058	0.14	<0.1	<0.01	2.2	<0.1	0.11	5	<0.5	<0.2	
538983	Drill Core	2.05	0.063	14	2	0.78	261	0.008	5	0.71	0.057	0.22	0.1	<0.01	2.6	<0.1	0.12	5	<0.5	<0.2	
538984	Drill Core	1.68	0.047	9	3	0.54	290	0.002	3	0.31	0.051	0.16	<0.1	<0.01	2.2	<0.1	0.15	2	0.8	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-161
 Report Date: August 13, 2010

Page: 4 of 4 Part 1

CERTIFICATE OF ANALYSIS

SMI10000345.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
538985	Rock Pulp	0.451	0.09	236.6	4368	40.2	143	2.3	22.1	17.7	505	4.25	109.7	0.6	479.4	1.8	31	1.2	5.9	0.6	79
538986	Drill Core		4.44	6.8	352.9	3.7	29	0.2	1.2	4.1	547	1.70	7.1	2.6	3.8	4.9	87	<0.1	<0.1	0.1	29
538987	Drill Core		3.65	4.1	230.6	8.7	31	0.1	1.3	3.5	580	1.58	5.4	1.9	3.5	5.0	76	<0.1	<0.1	0.2	32
538988	Drill Core		4.74	6.4	538.6	34.4	36	0.3	1.2	3.9	562	1.71	13.2	1.8	12.9	4.4	74	0.1	0.1	0.4	31
538989	Drill Core		3.48	1.7	233.5	50.5	27	0.2	0.9	3.4	540	1.57	6.3	1.7	2.2	4.1	78	0.1	<0.1	0.5	30
538990	Drill Core		1.04	3.5	204.7	27.2	32	0.2	1.1	4.2	583	1.62	6.6	2.5	2.7	4.7	88	<0.1	<0.1	0.3	26
538991	Drill Core		3.19	4.9	272.0	18.0	39	0.2	0.9	3.8	690	1.65	9.7	2.5	3.0	4.0	93	0.1	<0.1	0.2	27
538992	Drill Core		3.34	6.4	475.3	35.1	49	0.4	1.1	5.0	652	1.84	18.7	2.9	4.7	4.8	87	0.3	0.2	0.4	31
538993	Drill Core		4.90	5.1	134.4	10.0	37	0.1	1.2	3.7	584	1.69	5.0	2.8	3.0	5.4	80	<0.1	<0.1	0.2	26
538994	Drill Core		4.33	6.5	188.0	11.5	36	0.2	1.5	3.7	581	1.60	7.4	1.7	1.4	4.7	78	<0.1	<0.1	0.2	21
538995	Drill Core		5.71	19.7	67.5	7.1	34	<0.1	1.2	3.9	609	1.72	3.5	1.7	0.8	4.5	79	<0.1	<0.1	0.4	24



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-161
 Report Date: August 13, 2010

Page: 4 of 4 Part 2

CERTIFICATE OF ANALYSIS

SMI10000345.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	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	0.005	
538985	Rock Pulp	0.45	0.102	10	29	0.63	38	0.047	3	1.01	0.025	0.59	1.2	0.10	6.3	0.4	2.27	4	7.5	0.8	0.417
538986	Drill Core	2.04	0.047	12	3	0.68	445	0.003	3	0.35	0.060	0.14	<0.1	<0.01	2.6	<0.1	0.13	2	<0.5	<0.2	
538987	Drill Core	2.06	0.046	11	4	0.56	238	0.004	3	0.29	0.063	0.16	0.1	<0.01	2.5	<0.1	0.11	2	0.7	<0.2	
538988	Drill Core	1.96	0.049	10	4	0.55	179	0.003	3	0.31	0.061	0.18	0.1	<0.01	2.4	<0.1	0.14	2	0.6	<0.2	
538989	Drill Core	2.09	0.042	10	2	0.53	234	0.003	3	0.27	0.067	0.15	0.1	<0.01	2.3	<0.1	0.09	1	<0.5	<0.2	
538990	Drill Core	2.02	0.045	8	4	0.62	317	0.003	3	0.34	0.053	0.20	0.1	<0.01	2.1	<0.1	0.11	2	<0.5	0.3	
538991	Drill Core	2.30	0.046	8	3	0.70	431	0.002	3	0.29	0.060	0.16	0.1	<0.01	2.3	<0.1	0.12	1	<0.5	<0.2	
538992	Drill Core	2.00	0.053	9	4	0.71	356	0.003	3	0.36	0.080	0.20	<0.1	<0.01	2.7	<0.1	0.17	2	<0.5	<0.2	
538993	Drill Core	1.83	0.049	9	3	0.46	254	0.002	3	0.34	0.064	0.20	<0.1	<0.01	2.5	<0.1	0.12	2	<0.5	<0.2	
538994	Drill Core	1.52	0.041	8	4	0.44	307	0.002	5	0.36	0.065	0.17	<0.1	<0.01	2.1	<0.1	0.10	2	<0.5	<0.2	
538995	Drill Core	1.64	0.045	9	4	0.44	176	0.003	5	0.40	0.067	0.20	0.1	<0.01	2.1	<0.1	0.09	3	<0.5	<0.2	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-161
Report Date: August 13, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000345.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
Pulp Duplicates																				
538968	Drill Core	5.08	51.2	604.7	13.0	42	0.3	2.0	2.6	477	0.93	17.0	1.5	4.0	5.3	78	<0.1	0.3	0.2	50
REP 538968	QC		50.9	596.4	12.8	44	0.3	2.1	2.5	472	0.92	16.5	1.5	5.8	5.5	75	0.1	0.3	0.2	49
538986	Drill Core	4.44	6.8	352.9	3.7	29	0.2	1.2	4.1	547	1.70	7.1	2.6	3.8	4.9	87	<0.1	<0.1	0.1	29
REP 538986	QC		6.7	350.0	3.8	28	0.2	1.1	3.9	541	1.73	6.9	2.5	3.3	5.1	85	<0.1	<0.1	0.1	30
Core Reject Duplicates																				
538941	Drill Core	5.18	267.5	1105	2.1	65	0.7	1.7	6.5	625	2.02	3.0	0.8	10.6	2.6	137	0.2	0.2	0.3	48
DUP 538941	QC		251.3	1061	1.9	63	0.7	1.6	6.0	621	2.01	3.2	0.8	9.0	2.6	132	0.3	0.2	0.3	47
538976	Drill Core	4.98	125.7	211.0	6.3	30	0.2	1.4	2.2	521	0.85	2.7	1.6	3.5	5.1	83	0.2	0.1	0.2	26
DUP 538976	QC		128.3	219.6	6.8	29	0.2	1.3	2.1	523	0.85	3.1	1.6	4.8	5.4	85	0.1	0.1	0.2	25
Reference Materials																				
STD DS7	Standard		20.7	103.8	64.9	385	1.0	51.6	9.1	647	2.44	50.3	4.7	84.9	4.6	73	6.3	5.7	4.6	84
STD DS7	Standard		21.7	107.2	68.2	404	1.0	55.5	9.3	679	2.49	53.3	4.9	69.3	4.8	78	6.3	5.8	4.6	87
STD DS7	Standard		20.2	104.6	67.0	395	1.0	53.2	8.9	655	2.43	51.7	4.8	71.9	4.6	67	6.0	5.4	4.4	84
STD DS7	Standard		21.3	108.1	66.2	396	1.0	53.8	8.8	651	2.45	53.6	4.8	64.8	4.6	71	6.4	5.6	4.4	84
STD DS7	Standard		20.6	103.9	68.9	396	0.9	57.4	9.6	635	2.45	53.3	4.6	70.7	4.4	67	5.9	5.5	4.5	82
STD DS7	Standard		20.5	99.7	65.7	386	1.0	56.6	9.5	624	2.38	53.6	4.3	66.9	4.1	64	6.1	5.4	4.3	80
STD OXH66	Standard																			
STD OXH66	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD R4A	Standard	0.514																		
STD R4A	Standard	0.516																		
STD R4A	Standard	0.518																		
STD R4A	Standard	0.521																		
STD R4A	Standard	0.504																		
STD R4A	Standard	0.506																		
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD R4A Expected		0.502																		



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-161
 Report Date: August 13, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000345.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
Pulp Duplicates																					
538968	Drill Core	1.80	0.054	5	5	0.68	56	0.044	2	0.86	0.070	0.21	0.2	<0.01	1.7	<0.1	0.11	6	0.5	<0.2	
REP 538968	QC	1.77	0.053	5	5	0.67	58	0.044	2	0.85	0.068	0.22	0.2	<0.01	1.8	<0.1	0.11	6	0.5	<0.2	
538986	Drill Core	2.04	0.047	12	3	0.68	445	0.003	3	0.35	0.060	0.14	<0.1	<0.01	2.6	<0.1	0.13	2	<0.5	<0.2	
REP 538986	QC	2.04	0.049	12	3	0.67	437	0.003	3	0.37	0.060	0.15	<0.1	<0.01	2.4	<0.1	0.13	2	<0.5	<0.2	
Core Reject Duplicates																					
538941	Drill Core	1.19	0.092	9	3	0.85	262	0.050	4	1.06	0.139	0.11	0.2	0.01	1.9	<0.1	0.32	7	0.8	<0.2	
DUP 538941	QC	1.18	0.088	9	3	0.83	236	0.051	5	1.05	0.140	0.11	0.2	<0.01	1.9	<0.1	0.30	7	0.5	<0.2	
538976	Drill Core	2.11	0.038	6	5	0.51	124	0.008	3	0.65	0.041	0.21	0.1	<0.01	1.2	<0.1	0.13	4	<0.5	<0.2	
DUP 538976	QC	2.00	0.035	6	3	0.49	120	0.008	4	0.63	0.039	0.20	0.1	<0.01	1.1	<0.1	0.12	4	0.6	<0.2	
Reference Materials																					
STD DS7	Standard	0.98	0.084	13	201	1.06	419	0.115	39	1.04	0.092	0.48	3.6	0.21	2.6	4.1	0.20	5	2.7	2.0	
STD DS7	Standard	1.02	0.083	14	208	1.08	420	0.125	36	1.12	0.103	0.48	3.7	0.23	2.6	4.1	0.20	6	3.6	2.1	
STD DS7	Standard	0.97	0.079	13	204	1.05	388	0.110	36	1.03	0.092	0.46	3.5	0.23	2.7	4.0	0.20	5	3.3	0.8	
STD DS7	Standard	0.99	0.078	14	209	1.06	415	0.117	40	1.07	0.095	0.48	3.7	0.23	2.9	3.9	0.20	5	3.7	1.5	
STD DS7	Standard	0.94	0.080	12	233	1.02	401	0.109	41	1.01	0.097	0.48	3.8	0.21	2.2	4.2	0.20	5	3.1	1.5	
STD DS7	Standard	0.90	0.079	12	225	1.01	382	0.104	40	0.99	0.095	0.47	3.6	0.22	2.1	4.1	0.19	5	3.3	1.7	
STD OXH66	Standard																				1.374
STD OXH66	Standard																				1.371
STD OXK79	Standard																				3.786
STD OXK79	Standard																				3.544
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08	
STD R4A Expected																					

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-161

Report Date: August 13, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000345.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	
STD OXH66 Expected																						
STD OXK79 Expected																						
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	
BLK	Blank	<0.001																				
BLK	Blank	<0.001																				
BLK	Blank	<0.001																				
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1	Prep Blank			0.1	3.4	2.7	44	<0.1	2.5	4.1	552	1.81	<0.5	1.9	<0.5	4.8	47	<0.1	<0.1	<0.1	35	
G1	Prep Blank			0.2	4.8	2.9	47	<0.1	3.3	4.6	589	2.01	0.6	1.8	<0.5	6.3	56	<0.1	<0.1	<0.1	41	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-161

Report Date: August 13, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000345.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
STD OXH66	Expected																				1.285
STD OXK79	Expected																				3.532
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
Prep Wash																					
G1	Prep Blank	0.46	0.080	9	8	0.53	156	0.109	<1	0.90	0.075	0.51	<0.1	<0.01	1.6	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.60	0.090	14	12	0.58	168	0.130	2	1.09	0.124	0.58	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: July 28, 2010
Report Date: August 16, 2010
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI10000346.1

CLIENT JOB INFORMATION

Project: Kwanika-162A
Shipment ID: 2010-08
P.O. Number
Number of Samples: 91

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include 7AR, R200-250, 1DX2, and G601.

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162A
 Report Date: August 16, 2010

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI10000346.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
536970	Drill Core	2.45	42.9	160.4	12.7	48	0.2	1.8	2.1	448	1.03	47.0	1.6	7.1	5.4	97	0.2	<0.1	0.2	56
536971	Drill Core	4.98	19.3	51.5	9.4	36	<0.1	1.4	1.1	409	0.86	9.3	0.7	3.7	4.8	58	<0.1	<0.1	0.1	54
536972	Drill Core	4.88	19.0	507.7	33.3	88	0.6	1.9	2.1	517	1.03	174.6	1.5	11.0	4.6	77	0.4	0.3	0.5	68
536973	Drill Core	4.81	11.0	65.0	20.0	71	<0.1	3.7	2.6	474	0.99	22.5	2.9	5.5	5.4	118	0.2	<0.1	0.1	71
536974	Drill Core	4.67	5.2	44.8	23.8	84	<0.1	4.2	3.6	528	1.07	23.9	3.5	1.8	5.0	94	0.2	<0.1	<0.1	64
536975	Drill Core	5.02	4.0	177.1	20.9	229	0.3	52.7	26.0	1646	4.82	13.8	0.9	8.6	1.6	649	0.4	<0.1	0.5	149
536976	Drill Core	4.85	9.0	218.6	184.6	293	0.6	14.8	10.7	851	2.76	33.6	0.9	19.5	2.9	417	1.7	0.2	0.8	80
536977	Drill Core	4.96	125.5	70.0	93.0	277	0.3	2.5	1.4	533	1.38	17.7	0.8	8.8	4.0	100	2.8	0.2	0.4	77
536978	Drill Core	4.53	66.1	63.3	18.8	73	0.1	3.6	2.9	517	1.28	18.8	1.0	3.0	4.1	166	0.2	0.1	0.2	86
536979	Drill Core	3.91	7.0	121.3	19.5	114	0.2	24.2	9.3	891	2.18	29.3	2.0	3.0	3.4	370	0.3	0.1	0.2	84
536980	Rock	0.54	1.1	22.1	3.8	53	<0.1	19.4	8.9	424	2.46	16.9	0.7	1.5	3.9	42	<0.1	0.3	<0.1	61
536981	Drill Core	3.75	55.5	151.3	22.4	127	0.2	3.0	2.3	403	1.35	58.4	0.8	6.0	4.0	100	0.7	0.1	0.3	55
536982	Drill Core	4.21	9.2	55.6	12.7	60	<0.1	2.0	1.8	390	0.84	14.4	1.2	1.2	5.3	120	0.1	0.1	0.1	61
536983	Drill Core	3.23	3.9	32.6	7.8	45	<0.1	6.3	3.2	398	0.94	17.1	2.6	1.6	4.7	141	<0.1	<0.1	<0.1	66
536984	Drill Core	4.37	39.5	84.8	7.7	42	<0.1	5.4	2.9	369	0.89	17.0	1.9	7.0	5.0	174	<0.1	0.1	<0.1	75
536985	Drill Core	4.30	8.2	106.5	12.5	81	<0.1	1.9	2.5	407	0.89	10.9	1.5	2.5	5.8	171	0.3	<0.1	<0.1	64
536986	Drill Core	5.06	8.2	127.0	62.2	277	0.2	2.1	2.5	508	0.95	21.0	1.6	4.0	6.6	138	2.0	0.2	0.3	69
536987	Drill Core	4.23	25.6	194.4	37.0	82	0.2	2.4	3.2	414	1.25	31.9	2.4	3.8	6.1	163	0.3	0.2	0.2	69
536988	Drill Core	4.32	262.4	283.9	12.1	84	0.3	3.8	4.3	606	1.49	21.8	1.7	4.3	5.6	232	0.4	0.2	0.2	76
536989	Drill Core	4.07	7.8	153.3	18.8	84	0.2	1.8	1.8	551	1.03	11.5	1.3	4.7	4.9	163	0.2	<0.1	0.1	72
536990	Drill Core	4.08	85.5	74.6	11.9	56	0.2	1.7	2.0	509	0.87	13.4	1.7	3.1	4.6	170	0.2	<0.1	<0.1	102
536991	Drill Core	5.09	64.4	251.5	13.4	57	0.3	2.0	3.1	560	1.25	28.8	1.2	5.9	4.4	162	0.1	0.2	0.2	64
536992	Drill Core	4.30	204.9	124.9	15.5	45	0.1	1.8	2.7	431	1.01	18.7	1.7	1.8	4.9	153	0.1	0.1	0.2	56
536993	Drill Core	5.16	112.0	87.2	11.2	55	<0.1	13.2	6.2	524	1.56	6.3	1.2	2.6	4.4	219	0.1	<0.1	0.1	62
536994	Drill Core	5.70	18.4	133.9	14.7	45	0.1	2.4	2.9	424	1.19	10.5	1.1	4.0	4.7	163	<0.1	0.2	0.1	51
536995	Drill Core	2.18	16.8	1354	13.2	75	0.9	2.4	4.0	607	1.77	63.4	1.3	6.8	5.7	168	0.5	0.2	0.2	50
536996	Drill Core	1.89	16.4	1324	10.9	83	1.1	2.4	4.7	643	1.82	78.3	1.5	7.2	5.8	183	0.4	0.3	0.2	47
536997	Drill Core	4.94	20.9	135.3	7.7	52	0.1	2.0	2.3	536	1.25	4.0	1.0	5.7	7.9	209	<0.1	0.2	0.1	63
536998	Drill Core	5.31	8.9	427.5	9.7	47	0.3	1.9	3.8	577	1.66	13.8	1.3	20.0	5.2	256	0.1	0.3	0.2	63
536999	Drill Core	5.20	10.5	112.6	5.9	38	0.1	2.0	3.1	408	1.70	7.1	1.8	9.5	5.0	240	<0.1	<0.1	<0.1	68

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162A
 Report Date: August 16, 2010

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI10000346.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.05	1	0.5	0.2	0.005	
536970	Drill Core	1.52	0.045	6	3	0.62	37	0.002	4	0.32	0.037	0.15	0.1	<0.01	2.9	<0.1	0.16	2	<0.5	0.3
536971	Drill Core	1.24	0.048	5	5	0.50	164	0.003	2	0.28	0.033	0.16	<0.1	<0.01	2.6	<0.1	0.11	2	<0.5	<0.2
536972	Drill Core	1.87	0.037	5	5	0.72	143	0.001	2	0.31	0.031	0.14	<0.1	0.03	2.4	<0.1	0.16	2	<0.5	0.3
536973	Drill Core	2.04	0.054	6	12	0.81	125	0.001	2	0.28	0.035	0.11	<0.1	0.01	3.8	<0.1	0.11	2	<0.5	<0.2
536974	Drill Core	2.17	0.060	7	7	0.86	55	0.001	2	0.34	0.054	0.14	<0.1	0.01	4.3	<0.1	0.12	2	<0.5	<0.2
536975	Drill Core	3.35	0.148	7	191	1.66	135	0.004	3	1.58	0.041	0.10	<0.1	0.04	26.3	<0.1	0.41	7	0.7	0.5
536976	Drill Core	2.67	0.103	6	38	1.28	81	0.010	3	0.75	0.046	0.18	0.1	0.02	6.1	<0.1	0.71	4	0.5	0.5
536977	Drill Core	1.46	0.045	9	4	0.73	54	0.003	1	0.27	0.041	0.15	0.2	0.03	1.8	<0.1	0.27	2	0.6	<0.2
536978	Drill Core	1.76	0.064	6	10	0.80	43	0.002	3	0.26	0.044	0.12	<0.1	0.01	4.2	<0.1	0.20	2	<0.5	0.3
536979	Drill Core	2.42	0.072	6	38	1.24	69	0.002	2	0.53	0.046	0.13	0.1	<0.01	6.4	<0.1	0.32	3	<0.5	<0.2
536980	Rock	0.73	0.087	11	24	0.68	111	0.130	3	1.11	0.054	0.16	0.1	<0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
536981	Drill Core	1.12	0.048	4	5	0.60	63	0.002	3	0.27	0.038	0.16	<0.1	0.02	1.9	<0.1	0.50	2	<0.5	0.2
536982	Drill Core	1.45	0.060	6	4	0.69	55	0.002	2	0.24	0.047	0.12	<0.1	<0.01	2.9	<0.1	0.06	2	<0.5	<0.2
536983	Drill Core	1.58	0.064	6	10	0.75	43	0.001	3	0.26	0.051	0.10	<0.1	<0.01	3.9	<0.1	0.09	2	<0.5	<0.2
536984	Drill Core	1.72	0.063	7	5	0.80	219	0.002	1	0.30	0.060	0.09	<0.1	<0.01	3.6	<0.1	0.06	2	<0.5	<0.2
536985	Drill Core	1.40	0.069	10	4	0.62	54	0.002	1	0.30	0.066	0.10	<0.1	<0.01	3.5	<0.1	0.13	3	<0.5	<0.2
536986	Drill Core	1.45	0.070	9	2	0.66	57	0.002	1	0.24	0.057	0.10	<0.1	0.03	3.6	<0.1	0.18	2	<0.5	<0.2
536987	Drill Core	1.68	0.056	8	2	0.73	63	0.002	1	0.28	0.064	0.12	<0.1	0.01	3.2	<0.1	0.48	2	<0.5	<0.2
536988	Drill Core	1.75	0.061	11	5	0.77	64	0.002	2	0.37	0.065	0.11	0.1	0.02	3.4	<0.1	0.53	3	<0.5	<0.2
536989	Drill Core	1.32	0.059	9	4	0.60	62	0.002	3	0.36	0.071	0.10	0.1	<0.01	3.2	<0.1	0.16	3	<0.5	<0.2
536990	Drill Core	1.77	0.074	9	4	0.77	59	0.002	2	0.28	0.060	0.10	0.6	<0.01	4.3	<0.1	0.07	2	<0.5	<0.2
536991	Drill Core	1.25	0.057	8	4	0.54	59	0.002	2	0.34	0.067	0.10	0.3	<0.01	3.0	<0.1	0.53	3	<0.5	<0.2
536992	Drill Core	1.44	0.051	9	6	0.62	37	0.003	2	0.22	0.055	0.10	0.1	<0.01	2.6	<0.1	0.21	2	<0.5	<0.2
536993	Drill Core	1.44	0.074	8	24	0.76	41	0.012	3	0.55	0.089	0.13	0.1	<0.01	4.0	<0.1	0.18	4	<0.5	<0.2
536994	Drill Core	0.95	0.067	11	4	0.46	47	0.002	4	0.40	0.090	0.13	<0.1	<0.01	3.0	<0.1	0.15	3	<0.5	<0.2
536995	Drill Core	1.42	0.055	10	4	0.64	57	0.004	5	0.36	0.084	0.14	0.1	<0.01	2.6	<0.1	0.46	3	<0.5	<0.2
536996	Drill Core	1.59	0.058	11	5	0.69	49	0.003	5	0.37	0.091	0.14	0.1	<0.01	2.7	<0.1	0.49	2	0.6	<0.2
536997	Drill Core	1.43	0.072	13	5	0.54	38	0.005	2	0.35	0.096	0.10	0.1	<0.01	3.3	<0.1	0.16	3	<0.5	<0.2
536998	Drill Core	1.83	0.061	12	3	0.71	54	0.002	2	0.35	0.092	0.11	0.1	<0.01	3.3	<0.1	0.52	3	<0.5	<0.2
536999	Drill Core	1.41	0.058	12	4	0.64	52	0.006	2	0.38	0.088	0.13	<0.1	<0.01	3.2	<0.1	0.32	3	<0.5	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162A
 Report Date: August 16, 2010

Page: 3 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI10000346.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
537000	Drill Core		4.81	13.5	98.6	6.3	48	<0.1	2.2	3.3	488	1.94	5.2	1.5	7.1	5.8	247	<0.1	0.1	<0.1	67
537001	Drill Core		5.35	14.1	87.8	8.0	43	<0.1	1.7	4.3	508	1.84	5.0	1.1	8.6	3.5	217	<0.1	0.3	0.2	52
537002	Drill Core		4.58	36.4	25.2	7.8	32	<0.1	1.2	1.2	523	1.30	9.4	1.3	3.5	6.4	294	<0.1	0.5	0.2	70
537003	Drill Core		5.11	18.1	88.1	7.4	42	0.1	1.3	2.5	428	1.20	5.9	1.2	4.5	4.4	152	0.1	0.1	<0.1	46
537004	Drill Core		4.69	19.0	126.0	9.6	75	0.1	1.9	2.7	535	1.33	6.2	1.4	4.7	5.5	141	0.3	<0.1	<0.1	57
537005	Drill Core		5.05	11.1	105.8	6.6	60	0.1	1.6	3.1	561	1.44	7.5	1.6	2.4	7.4	120	<0.1	0.1	<0.1	53
537006	Drill Core		4.59	17.9	664.5	17.0	82	0.5	2.8	68.4	704	3.34	48.5	1.9	7.9	7.0	207	0.3	0.2	0.2	58
537007	Drill Core		5.50	9.3	612.8	13.6	73	0.5	2.6	43.9	760	3.61	49.4	2.8	2.1	6.1	172	0.3	0.2	0.2	72
537008	Drill Core		5.09	6.0	138.8	13.9	66	0.1	1.5	6.0	642	1.90	4.8	2.4	1.9	5.4	268	0.2	<0.1	0.1	77
537009	Drill Core		4.71	4.6	157.3	14.3	66	0.2	2.1	6.3	642	1.74	8.0	1.5	9.7	5.6	153	0.1	0.1	0.1	58
537010	Rock Pulp		0.12	157.8	1768	22.7	65	2.1	17.5	16.9	365	4.00	27.5	4.2	160.3	10.0	64	1.1	6.7	2.4	58
537011	Drill Core		5.23	172.8	53.3	8.1	51	<0.1	1.6	2.3	505	0.98	4.7	1.3	2.0	4.9	117	<0.1	<0.1	0.1	59
537012	Drill Core		4.77	45.6	53.4	8.9	36	<0.1	1.6	7.1	451	1.00	4.8	1.8	2.3	4.6	160	<0.1	<0.1	<0.1	49
537013	Drill Core		5.34	6.3	87.1	15.2	35	<0.1	1.6	6.0	412	1.02	4.9	1.5	0.9	6.8	147	<0.1	<0.1	0.1	45
537014	Drill Core		5.11	6.5	57.8	11.9	36	<0.1	1.6	2.1	331	0.68	13.2	0.9	1.1	7.3	91	<0.1	0.1	<0.1	46
537015	Drill Core		4.75	42.7	20.7	7.4	31	<0.1	1.6	1.8	312	0.57	8.2	6.1	1.7	6.5	109	<0.1	<0.1	<0.1	44
537016	Drill Core		4.72	17.2	149.8	50.3	39	0.6	1.6	3.4	456	1.08	20.2	3.7	2.9	4.2	137	<0.1	<0.1	1.1	61
537017	Drill Core		4.70	21.8	108.0	11.8	38	<0.1	2.5	3.1	538	1.08	11.3	2.5	4.3	4.3	135	<0.1	<0.1	0.1	58
537018	Drill Core		4.59	2.5	169.7	10.2	47	0.1	2.4	3.5	673	1.73	16.6	0.9	5.2	4.6	203	<0.1	0.2	<0.1	43
537019	Drill Core		3.93	10.9	134.3	7.8	28	0.1	1.0	2.2	336	0.86	10.3	1.5	3.9	4.8	190	<0.1	0.2	<0.1	26
537020	Drill Core		3.51	25.7	129.6	4.9	25	0.1	1.9	4.2	439	1.60	5.5	1.7	1.3	4.8	220	<0.1	0.2	<0.1	35
537021	Drill Core		4.39	13.1	174.4	5.6	34	0.2	1.7	3.9	415	1.43	4.1	1.4	2.9	4.8	180	<0.1	0.2	<0.1	37
537022	Drill Core		4.61	12.0	531.0	8.8	58	0.5	1.8	7.5	635	1.37	4.2	2.0	37.7	5.3	197	0.1	0.2	0.1	35
537023	Drill Core		5.37	15.1	424.6	6.9	46	0.5	2.0	4.2	625	1.20	4.5	1.6	21.3	4.0	207	<0.1	0.2	<0.1	36
537024	Drill Core		4.88	24.8	219.2	8.6	55	0.2	2.0	5.2	815	1.65	4.4	1.6	10.9	4.6	173	<0.1	0.2	<0.1	46
537025	Rock Pulp	0.456	0.12	236.4	4502	39.8	145	2.3	23.2	18.4	540	4.37	107.8	0.6	403.1	1.7	30	1.0	6.4	0.6	80
537026	Drill Core		3.76	9.0	643.8	10.4	48	0.5	1.8	4.5	638	1.49	3.9	2.0	11.3	4.5	162	<0.1	0.2	<0.1	43
537027	Drill Core		3.87	18.7	82.0	2.5	22	<0.1	1.7	5.4	593	1.27	3.6	0.9	1.5	2.0	180	<0.1	0.2	<0.1	28
537028	Drill Core		3.60	7.6	614.3	12.1	58	0.5	1.7	4.1	659	2.32	7.1	1.6	19.1	3.3	139	0.1	0.2	<0.1	52
537029	Drill Core		4.04	2.7	399.7	8.3	59	0.3	1.7	4.2	714	2.79	3.4	3.8	11.2	4.6	159	0.1	0.1	<0.1	60

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162A
 Report Date: August 16, 2010

Page: 3 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI10000346.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
537000	Drill Core	1.31	0.065	12	5	0.60	54	0.003	3	0.37	0.095	0.11	0.1	<0.01	3.6	<0.1	0.39	3	<0.5	<0.2	
537001	Drill Core	1.23	0.067	12	4	0.53	69	0.003	4	0.51	0.088	0.18	0.2	<0.01	3.0	<0.1	0.75	3	<0.5	<0.2	
537002	Drill Core	1.77	0.058	9	5	0.66	55	0.002	4	0.51	0.095	0.13	0.3	<0.01	3.1	<0.1	0.13	3	<0.5	0.2	
537003	Drill Core	1.44	0.056	9	7	0.57	53	0.003	1	0.28	0.086	0.11	0.1	<0.01	2.6	<0.1	0.31	2	<0.5	<0.2	
537004	Drill Core	1.29	0.062	12	6	0.52	57	0.008	2	0.36	0.102	0.12	<0.1	0.02	3.0	<0.1	0.20	4	<0.5	<0.2	
537005	Drill Core	1.38	0.059	11	7	0.51	74	0.007	2	0.36	0.097	0.10	0.1	<0.01	3.1	<0.1	0.23	3	<0.5	<0.2	
537006	Drill Core	1.80	0.055	12	4	0.77	42	0.003	2	0.28	0.100	0.09	0.2	0.01	3.2	<0.1	1.89	3	1.9	<0.2	
537007	Drill Core	1.92	0.053	11	6	0.86	53	0.004	2	0.25	0.093	0.08	0.3	0.02	3.0	<0.1	2.05	3	0.7	<0.2	
537008	Drill Core	2.05	0.052	11	5	0.81	52	0.005	<1	0.23	0.092	0.09	0.2	<0.01	3.3	<0.1	0.62	2	0.6	<0.2	
537009	Drill Core	1.17	0.065	14	5	0.52	56	0.004	2	0.36	0.108	0.10	0.1	<0.01	3.4	<0.1	0.58	3	<0.5	<0.2	
537010	Rock Pulp	1.74	0.071	18	65	0.84	83	0.033	4	1.54	0.056	0.55	2.2	0.11	5.4	0.3	1.70	5	2.8	0.9	0.218
537011	Drill Core	1.30	0.061	9	4	0.42	58	0.005	2	0.36	0.110	0.11	0.2	<0.01	3.1	<0.1	0.11	2	<0.5	<0.2	
537012	Drill Core	1.37	0.045	8	6	0.50	47	0.002	2	0.24	0.071	0.09	0.2	<0.01	2.1	<0.1	0.24	2	<0.5	<0.2	
537013	Drill Core	1.33	0.047	8	5	0.31	48	0.004	3	0.31	0.085	0.10	0.2	<0.01	2.3	<0.1	0.26	2	<0.5	<0.2	
537014	Drill Core	1.02	0.049	8	6	0.33	49	0.002	3	0.25	0.066	0.11	<0.1	<0.01	2.5	<0.1	0.07	2	<0.5	<0.2	
537015	Drill Core	1.61	0.039	6	7	0.59	52	0.002	2	0.21	0.047	0.11	<0.1	<0.01	1.8	<0.1	0.08	<1	<0.5	<0.2	
537016	Drill Core	2.06	0.043	8	5	0.76	31	0.002	2	0.25	0.060	0.09	0.1	<0.01	2.1	<0.1	0.20	1	<0.5	<0.2	
537017	Drill Core	2.39	0.045	6	4	0.87	41	0.001	3	0.32	0.077	0.08	<0.1	<0.01	2.6	<0.1	0.08	1	<0.5	<0.2	
537018	Drill Core	1.85	0.057	10	3	0.49	45	0.002	5	0.49	0.121	0.07	0.1	<0.01	2.7	<0.1	<0.05	3	<0.5	<0.2	
537019	Drill Core	1.42	0.055	8	4	0.30	95	0.005	4	0.69	0.191	0.10	<0.1	<0.01	2.2	<0.1	0.06	3	<0.5	<0.2	
537020	Drill Core	1.65	0.055	8	4	0.59	150	0.009	4	1.06	0.202	0.11	<0.1	<0.01	1.9	<0.1	0.07	5	<0.5	<0.2	
537021	Drill Core	1.15	0.060	8	5	0.58	58	0.011	4	1.02	0.210	0.09	<0.1	<0.01	1.9	<0.1	0.06	5	<0.5	<0.2	
537022	Drill Core	1.20	0.062	10	5	0.62	39	0.011	5	0.97	0.150	0.08	<0.1	<0.01	1.8	<0.1	0.09	5	0.5	<0.2	
537023	Drill Core	1.33	0.059	8	3	0.64	36	0.016	5	0.99	0.157	0.07	<0.1	<0.01	1.9	<0.1	0.07	6	<0.5	<0.2	
537024	Drill Core	1.15	0.052	5	5	0.78	78	0.047	4	1.35	0.240	0.09	0.1	<0.01	1.9	<0.1	0.07	7	<0.5	<0.2	
537025	Rock Pulp	0.44	0.099	10	31	0.61	39	0.052	5	1.00	0.025	0.61	1.1	0.11	5.1	0.5	2.24	4	7.0	1.0	0.402
537026	Drill Core	1.53	0.053	6	4	0.75	58	0.066	4	1.10	0.202	0.10	0.3	<0.01	1.7	<0.1	0.20	6	<0.5	<0.2	
537027	Drill Core	1.36	0.053	4	9	0.70	112	0.044	3	1.26	0.254	0.10	0.2	<0.01	1.2	<0.1	0.06	5	<0.5	<0.2	
537028	Drill Core	1.10	0.081	6	4	0.80	148	0.107	2	1.37	0.202	0.15	0.4	<0.01	1.5	<0.1	0.31	8	<0.5	<0.2	
537029	Drill Core	1.47	0.061	14	6	0.83	40	0.058	2	1.04	0.224	0.08	0.2	<0.01	2.2	<0.1	0.27	8	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162A
 Report Date: August 16, 2010

Page: 4 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI10000346.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
537030	Drill Core		4.87	12.1	938.4	8.8	66	0.8	1.8	6.9	638	1.76	3.3	4.4	25.8	5.4	127	0.2	0.2	<0.1	40
537031	Drill Core		5.18	9.5	345.8	21.5	85	0.4	1.5	5.0	947	1.52	3.7	1.9	14.9	3.6	199	0.2	0.2	<0.1	37
537032	Drill Core		4.89	13.7	409.9	11.0	65	0.4	1.7	4.4	791	1.59	3.1	1.6	18.4	3.0	165	0.2	0.2	<0.1	39
537033	Drill Core		4.92	5.2	195.2	14.5	46	0.2	1.6	5.2	651	1.96	4.6	2.3	6.0	4.8	217	<0.1	0.2	<0.1	44
537034	Drill Core		5.26	5.6	566.1	10.4	50	0.4	1.6	5.1	577	1.57	4.8	2.4	13.2	6.2	170	0.1	0.2	<0.1	41
537035	Drill Core		5.04	32.4	1941	8.7	105	1.7	1.7	7.8	762	1.85	3.8	1.9	46.7	4.1	189	0.3	1.6	<0.1	50
537036	Drill Core		5.19	9.7	611.7	8.7	53	0.4	1.4	4.6	579	1.91	4.1	1.7	17.2	4.7	200	0.1	0.1	<0.1	47
537037	Drill Core		4.47	7.3	514.0	33.8	70	0.4	1.6	4.3	700	1.82	4.4	1.8	19.0	4.7	141	<0.1	0.1	<0.1	47
537038	Drill Core		5.88	3.9	421.8	48.9	110	0.5	1.6	4.8	991	2.37	7.2	1.6	7.2	4.1	182	0.2	1.4	<0.1	50
537039	Drill Core		4.90	8.7	500.7	36.2	106	0.4	1.9	5.2	1065	2.42	8.2	2.3	16.6	4.7	194	0.2	0.3	<0.1	50
537040	Rock		0.75	0.5	22.3	5.0	46	<0.1	22.7	8.0	422	2.38	3.8	0.6	1.7	3.1	40	0.1	0.9	<0.1	44
537041	Drill Core		4.96	2.7	564.6	31.4	78	0.4	1.3	3.8	620	1.85	7.6	1.6	12.4	4.1	130	0.3	0.3	<0.1	45
537042	Drill Core		4.93	39.1	413.7	33.3	67	0.4	1.6	3.3	507	1.58	5.7	1.5	10.6	4.1	98	0.2	0.7	<0.1	45
537043	Drill Core		5.68	4.5	290.6	183.4	195	0.4	1.5	3.8	750	1.67	4.4	1.6	15.0	3.7	190	0.9	0.1	0.6	38
537044	Drill Core		4.98	5.8	318.9	113.0	202	0.4	1.3	3.9	783	1.69	4.0	1.6	32.4	3.8	216	1.1	0.1	<0.1	37
537045	Drill Core		4.77	10.0	258.8	35.3	85	0.3	1.6	3.7	662	1.96	6.2	1.5	4.6	4.1	173	0.2	0.1	<0.1	44
537046	Drill Core		4.97	10.9	364.5	29.6	92	0.4	1.2	5.4	747	1.99	5.2	1.5	38.7	2.9	145	0.3	0.1	0.1	46
537047	Drill Core		5.45	12.6	1160	32.7	335	1.2	2.0	6.9	1026	1.73	6.2	1.9	28.7	4.1	237	2.0	0.2	0.1	37
537048	Drill Core		4.06	5.5	628.1	22.4	69	0.6	1.6	5.9	927	1.79	5.5	2.2	16.7	4.6	207	0.2	0.1	0.1	34
537049	Drill Core		5.38	14.1	1091	30.3	76	1.1	1.7	11.7	1075	1.75	6.3	3.5	28.4	4.8	309	0.4	0.2	0.4	31
537050	Drill Core	0.260	5.28	36.4	2519	33.7	115	2.2	1.5	11.3	1341	2.06	4.7	2.4	58.3	4.8	357	0.7	0.1	0.4	33
537051	Drill Core		4.87	21.5	1812	43.9	145	1.6	1.8	9.1	813	1.77	4.1	1.7	42.5	4.2	189	0.7	0.1	0.3	35
537052	Drill Core		5.04	24.6	837.9	56.0	138	0.9	1.5	6.7	1120	1.76	3.8	1.6	23.3	3.6	244	0.5	0.1	0.3	35
537053	Drill Core	0.211	5.47	13.0	2063	26.5	137	1.8	2.0	10.9	967	1.82	4.7	3.8	44.5	4.6	274	0.8	0.2	0.2	37
537054	Drill Core		5.01	13.8	850.2	48.2	116	0.9	1.9	9.3	1121	1.73	4.0	2.2	17.3	4.7	195	0.4	0.2	0.3	36
537055	Drill Core		2.19	29.9	1631	17.1	100	1.4	1.7	8.3	780	1.74	4.4	1.8	23.4	4.4	174	0.5	0.1	<0.1	34
537056	Drill Core		2.25	74.2	1593	18.3	97	1.4	2.5	8.2	760	1.70	4.3	1.9	24.2	3.9	186	0.6	0.2	0.1	32
537057	Drill Core		4.15	6.4	1012	14.3	59	0.7	1.4	7.8	595	1.84	4.1	1.8	14.0	4.1	172	0.2	0.1	<0.1	37
537058	Drill Core	0.265	6.08	15.0	2646	16.2	79	2.1	2.3	9.6	579	1.95	5.6	2.0	50.7	4.4	180	0.4	0.1	0.1	39
537059	Drill Core		5.01	10.0	1524	19.2	83	1.2	2.0	8.0	780	2.35	5.9	2.5	43.9	4.0	161	0.2	0.2	<0.1	47

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162A
 Report Date: August 16, 2010

Page: 4 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI10000346.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.05	1	0.5	0.2	0.005	
537030	Drill Core	1.22	0.058	7	5	0.47	43	0.027	3	0.74	0.130	0.08	0.1	<0.01	1.4	<0.1	0.29	6	0.6	<0.2
537031	Drill Core	1.69	0.067	7	5	0.55	49	0.043	3	0.93	0.188	0.09	0.2	<0.01	1.5	<0.1	0.16	6	<0.5	<0.2
537032	Drill Core	2.00	0.070	8	4	0.40	48	0.028	3	0.77	0.162	0.08	0.1	<0.01	1.6	<0.1	0.26	5	0.6	<0.2
537033	Drill Core	1.40	0.061	10	4	0.57	68	0.016	5	1.01	0.282	0.07	0.1	<0.01	1.9	<0.1	0.13	6	<0.5	<0.2
537034	Drill Core	1.34	0.054	10	5	0.52	65	0.057	3	0.96	0.217	0.11	0.2	<0.01	2.0	<0.1	0.15	5	<0.5	<0.2
537035	Drill Core	1.33	0.045	11	6	0.62	65	0.021	4	0.92	0.154	0.10	0.2	<0.01	1.8	<0.1	0.32	6	1.0	<0.2
537036	Drill Core	1.23	0.052	12	5	0.60	51	0.029	3	1.17	0.469	0.09	<0.1	<0.01	1.5	<0.1	0.19	6	<0.5	<0.2
537037	Drill Core	1.01	0.062	8	6	0.68	93	0.066	2	1.18	0.302	0.12	0.1	<0.01	2.1	<0.1	0.17	6	0.5	<0.2
537038	Drill Core	1.39	0.067	8	4	0.99	99	0.071	2	1.46	0.237	0.13	0.2	<0.01	2.3	<0.1	0.22	8	0.6	<0.2
537039	Drill Core	1.37	0.053	7	5	1.00	183	0.061	3	1.62	0.272	0.14	0.1	<0.01	2.1	<0.1	0.36	8	<0.5	<0.2
537040	Rock	0.63	0.076	11	26	0.53	98	0.110	1	0.88	0.089	0.12	0.1	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
537041	Drill Core	1.17	0.048	7	4	0.75	159	0.086	2	1.23	0.224	0.16	0.2	<0.01	1.7	<0.1	0.32	7	<0.5	<0.2
537042	Drill Core	0.95	0.053	8	6	0.64	150	0.109	1	0.97	0.186	0.16	0.3	<0.01	2.0	<0.1	0.20	6	<0.5	<0.2
537043	Drill Core	1.53	0.063	8	4	0.48	135	0.048	3	1.12	0.239	0.12	<0.1	0.02	1.8	<0.1	0.20	5	0.8	<0.2
537044	Drill Core	1.69	0.062	9	4	0.46	82	0.027	3	1.03	0.254	0.11	<0.1	0.01	1.8	<0.1	0.15	5	0.5	<0.2
537045	Drill Core	1.29	0.065	8	4	0.51	176	0.062	2	1.12	0.214	0.14	0.1	<0.01	1.4	<0.1	0.20	6	<0.5	<0.2
537046	Drill Core	1.42	0.069	8	4	0.55	140	0.040	3	0.96	0.216	0.11	0.2	<0.01	1.5	<0.1	0.35	5	0.6	<0.2
537047	Drill Core	1.55	0.056	8	5	0.61	157	0.031	4	1.13	0.217	0.13	0.3	0.02	1.7	<0.1	0.23	6	<0.5	<0.2
537048	Drill Core	1.44	0.057	9	3	0.50	132	0.015	3	1.05	0.229	0.11	<0.1	0.01	1.7	<0.1	0.17	5	<0.5	<0.2
537049	Drill Core	2.30	0.052	9	3	0.45	153	0.007	4	0.88	0.185	0.10	<0.1	<0.01	1.8	<0.1	0.37	5	0.8	<0.2
537050	Drill Core	2.72	0.053	11	2	0.60	134	0.004	4	1.02	0.213	0.09	<0.1	0.01	1.6	<0.1	0.52	6	1.2	<0.2
537051	Drill Core	1.31	0.052	8	5	0.54	159	0.007	3	0.90	0.141	0.12	0.1	0.01	1.5	<0.1	0.34	5	1.7	<0.2
537052	Drill Core	1.76	0.053	10	3	0.53	88	0.005	4	0.93	0.150	0.11	<0.1	<0.01	1.7	<0.1	0.22	6	0.9	<0.2
537053	Drill Core	1.84	0.054	9	4	0.52	65	0.004	4	0.88	0.141	0.12	<0.1	0.01	2.0	<0.1	0.45	5	1.5	<0.2
537054	Drill Core	1.99	0.058	9	4	0.55	49	0.006	3	0.83	0.119	0.10	0.1	<0.01	1.9	<0.1	0.28	5	1.2	<0.2
537055	Drill Core	1.41	0.054	9	4	0.53	67	0.008	3	0.79	0.149	0.11	0.1	<0.01	1.8	<0.1	0.42	5	1.5	<0.2
537056	Drill Core	1.37	0.052	9	4	0.53	72	0.008	4	0.80	0.141	0.10	0.1	0.01	1.6	<0.1	0.42	5	1.3	<0.2
537057	Drill Core	1.35	0.052	9	4	0.46	78	0.009	2	0.77	0.145	0.11	<0.1	<0.01	1.5	<0.1	0.32	5	1.2	<0.2
537058	Drill Core	1.28	0.053	9	5	0.49	75	0.012	2	0.82	0.157	0.10	0.1	0.01	1.5	<0.1	0.45	5	1.6	<0.2
537059	Drill Core	1.14	0.050	8	4	0.59	79	0.025	3	0.97	0.174	0.10	0.1	<0.01	1.6	<0.1	0.38	7	1.1	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Serengeti Resources
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162A
Report Date: August 16, 2010

Page: 5 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI10000346.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	
537060	Drill Core	0.282	4.76	18.1	2817	25.0	65	2.6	2.2	9.4	692	2.07	9.8	2.6	131.4	4.8	136	0.3	0.2	0.3	47



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-162A
Report Date: August 16, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000346.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
Pulp Duplicates																				
536983	Drill Core	3.23	3.9	32.6	7.8	45	<0.1	6.3	3.2	398	0.94	17.1	2.6	1.6	4.7	141	<0.1	<0.1	<0.1	66
REP 536983	QC		3.9	34.0	7.8	46	<0.1	7.3	3.4	387	0.94	17.6	2.7	1.1	4.9	143	<0.1	<0.1	<0.1	66
537012	Drill Core	4.77	45.6	53.4	8.9	36	<0.1	1.6	7.1	451	1.00	4.8	1.8	2.3	4.6	160	<0.1	<0.1	<0.1	49
REP 537012	QC		44.5	52.1	8.8	36	<0.1	1.6	6.4	447	1.00	4.8	1.7	1.1	4.6	162	<0.1	<0.1	<0.1	49
Core Reject Duplicates																				
536996	Drill Core	1.89	16.4	1324	10.9	83	1.1	2.4	4.7	643	1.82	78.3	1.5	7.2	5.8	183	0.4	0.3	0.2	47
DUP 536996	QC		15.3	1250	10.1	80	1.0	2.6	4.6	645	1.79	72.2	1.5	10.2	6.0	180	0.4	0.3	0.2	46
537031	Drill Core	5.18	9.5	345.8	21.5	85	0.4	1.5	5.0	947	1.52	3.7	1.9	14.9	3.6	199	0.2	0.2	<0.1	37
DUP 537031	QC		9.4	340.2	20.6	80	0.6	1.6	4.6	940	1.49	3.1	1.8	14.2	3.5	194	0.2	0.2	<0.1	37
Reference Materials																				
STD DS7	Standard		20.2	104.6	67.0	395	1.0	53.2	8.9	655	2.43	51.7	4.8	71.9	4.6	67	6.0	5.4	4.4	84
STD DS7	Standard		21.3	108.1	66.2	396	1.0	53.8	8.8	651	2.45	53.6	4.8	64.8	4.6	71	6.4	5.6	4.4	84
STD DS7	Standard		21.5	108.3	65.5	408	1.0	54.2	9.0	664	2.49	54.6	4.9	65.0	4.8	74	6.4	6.0	4.7	85
STD DS7	Standard		21.4	108.4	65.4	400	0.9	56.2	9.5	654	2.47	54.3	4.9	61.0	4.7	72	6.4	5.7	4.6	85
STD DS7	Standard		20.5	101.7	65.6	390	1.0	52.7	9.4	647	2.38	50.4	4.9	71.5	4.4	70	6.2	5.8	4.6	81
STD DS7	Standard		21.2	110.2	65.7	385	1.0	54.7	9.4	661	2.42	51.1	4.7	83.6	4.3	70	5.9	5.7	4.5	83
STD DS7	Standard		21.5	99.1	57.7	370	1.0	54.2	9.4	592	2.26	52.2	4.0	66.8	3.9	64	5.8	5.7	4.2	81
STD DS7	Standard		22.7	106.2	57.7	388	0.9	57.4	9.5	613	2.37	54.1	4.1	65.5	4.3	69	6.1	5.6	4.1	83
STD DS7	Standard		21.5	99.1	57.7	370	1.0	54.2	9.4	592	2.26	52.2	4.0	66.8	3.9	64	5.8	5.7	4.2	81
STD DS7	Standard		22.7	106.2	57.7	388	0.9	57.4	9.5	613	2.37	54.1	4.1	65.5	4.3	69	6.1	5.6	4.1	83
STD OXH66	Standard																			
STD OXH66	Standard																			
STD OXH66	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD R4A	Standard	0.504																		
STD R4A	Standard	0.503																		

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-162A
Report Date: August 16, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000346.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au		
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005			
Pulp Duplicates																						
536983	Drill Core	1.58	0.064	6	10	0.75	43	0.001	3	0.26	0.051	0.10	<0.1	<0.01	3.9	<0.1	0.09	2	<0.5	<0.2		
REP 536983	QC	1.59	0.066	6	10	0.75	43	0.001	3	0.25	0.051	0.10	<0.1	<0.01	4.0	<0.1	0.10	2	<0.5	<0.2		
537012	Drill Core	1.37	0.045	8	6	0.50	47	0.002	2	0.24	0.071	0.09	0.2	<0.01	2.1	<0.1	0.24	2	<0.5	<0.2		
REP 537012	QC	1.37	0.046	8	5	0.50	49	0.003	2	0.24	0.072	0.09	0.2	<0.01	2.1	<0.1	0.25	2	<0.5	<0.2		
Core Reject Duplicates																						
536996	Drill Core	1.59	0.058	11	5	0.69	49	0.003	5	0.37	0.091	0.14	0.1	<0.01	2.7	<0.1	0.49	2	0.6	<0.2		
DUP 536996	QC	1.57	0.053	10	4	0.69	46	0.002	4	0.32	0.088	0.13	0.1	<0.01	2.6	<0.1	0.48	2	0.7	<0.2		
537031	Drill Core	1.69	0.067	7	5	0.55	49	0.043	3	0.93	0.188	0.09	0.2	<0.01	1.5	<0.1	0.16	6	<0.5	<0.2		
DUP 537031	QC	1.67	0.064	7	5	0.54	50	0.041	3	0.91	0.189	0.09	0.1	<0.01	1.5	<0.1	0.15	6	<0.5	<0.2		
Reference Materials																						
STD DS7	Standard	0.97	0.079	13	204	1.05	388	0.110	36	1.03	0.092	0.46	3.5	0.23	2.7	4.0	0.20	5	3.3	0.8		
STD DS7	Standard	0.99	0.078	14	209	1.06	415	0.117	40	1.07	0.095	0.48	3.7	0.23	2.9	3.9	0.20	5	3.7	1.5		
STD DS7	Standard	0.99	0.083	13	207	1.08	420	0.118	42	1.07	0.104	0.50	3.6	0.24	2.6	4.0	0.21	5	2.7	1.1		
STD DS7	Standard	0.99	0.081	13	209	1.07	407	0.119	44	1.07	0.104	0.49	3.9	0.22	2.6	4.4	0.20	5	3.1	1.9		
STD DS7	Standard	0.94	0.075	12	209	1.03	381	0.113	42	1.01	0.097	0.47	3.6	0.21	2.2	4.0	0.20	5	3.3	1.3		
STD DS7	Standard	0.96	0.078	12	205	1.05	382	0.111	41	1.03	0.097	0.48	3.6	0.21	2.1	4.1	0.20	4	3.5	1.3		
STD DS7	Standard	0.92	0.070	13	201	0.99	397	0.117	37	0.99	0.097	0.46	3.7	0.21	2.0	3.7	0.19	5	3.0	0.8		
STD DS7	Standard	0.96	0.079	13	234	1.03	386	0.123	37	1.02	0.099	0.47	3.5	0.21	2.4	3.8	0.20	5	3.2	1.0		
STD DS7	Standard	0.92	0.070	13	201	0.99	397	0.117	37	0.99	0.097	0.46	3.7	0.21	2.0	3.7	0.19	5	3.0	0.8		
STD DS7	Standard	0.96	0.079	13	234	1.03	386	0.123	37	1.02	0.099	0.47	3.5	0.21	2.4	3.8	0.20	5	3.2	1.0		
STD OXH66	Standard																				1.374	
STD OXH66	Standard																					1.371
STD OXH66	Standard																					1.303
STD OXK79	Standard																					3.786
STD OXK79	Standard																					3.544
STD OXK79	Standard																					3.558
STD R4A	Standard																					
STD R4A	Standard																					



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162A
 Report Date: August 16, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000346.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
STD R4A	Standard	0.501																			
STD R4A	Standard	0.506																			
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD OXH66 Expected																					
STD OXK79 Expected																					
STD R4A Expected		0.502																			
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001																			
Prep Wash																					
G1	Prep Blank			0.2	5.1	4.1	49	<0.1	2.5	3.8	584	1.82	0.7	1.9	<0.5	7.1	52	<0.1	<0.1	<0.1	36
G1	Prep Blank			0.3	4.4	3.8	54	<0.1	3.6	4.3	617	2.06	1.0	2.1	<0.5	6.8	62	<0.1	0.3	<0.1	41



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162A
 Report Date: August 16, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000346.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
STD R4A	Standard																				
STD R4A	Standard																				
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08	
STD OXH66 Expected																					1.285
STD OXK79 Expected																					3.532
STD R4A Expected																					
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
Prep Wash																					
G1	Prep Blank	0.48	0.077	14	9	0.52	164	0.112	1	0.85	0.062	0.50	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.69	0.081	16	12	0.57	183	0.137	<1	1.02	0.096	0.55	<0.1	<0.01	2.7	0.3	<0.05	5	<0.5	<0.2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: August 09, 2010
Report Date: August 30, 2010
Page: 1 of 4

CERTIFICATE OF ANALYSIS

SMI10000380.1

CLIENT JOB INFORMATION

Project: Kwanika-163
Shipment ID: 2010-09
P.O. Number
Number of Samples: 69

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-250, 1DX2, G601, and 7AR.

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-163
Report Date: August 30, 2010

Page: 2 of 4 Part 1

CERTIFICATE OF ANALYSIS

SMI10000380.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
538996	Drill Core	4.61	1.8	89.6	72.7	23	0.3	0.7	3.4	556	1.42	9.5	0.8	2.1	2.4	256	<0.1	0.2	0.9	18	2.24
538997	Drill Core	0.58	3.1	132.3	6.1	26	0.2	0.9	20.8	457	1.80	8.1	1.0	3.1	2.6	111	<0.1	0.2	0.3	16	1.99
538998	Drill Core	2.79	7.1	151.9	4.5	26	0.2	1.1	10.4	442	1.59	6.7	0.9	3.7	2.5	123	<0.1	0.2	0.4	19	1.59
538999	Drill Core	3.34	2.8	95.7	3.4	83	0.1	1.6	8.6	485	1.62	5.0	1.1	2.1	3.9	103	0.4	<0.1	0.3	26	1.44
539000	Rock	0.49	0.4	21.2	3.5	52	<0.1	17.3	9.1	504	2.60	4.3	0.5	<0.5	3.0	80	0.1	0.4	<0.1	56	0.80
539001	Drill Core	4.97	3.6	160.5	5.4	186	0.1	2.1	4.0	568	1.57	6.5	1.6	1.9	5.5	86	0.7	<0.1	0.4	63	1.83
539002	Drill Core	4.69	34.7	334.0	5.0	54	0.3	1.9	3.2	485	1.11	4.7	1.1	2.8	4.7	87	0.1	<0.1	0.4	47	1.78
539003	Drill Core	3.49	56.3	204.2	3.8	40	0.2	1.7	3.8	469	1.00	4.1	0.7	2.1	4.1	91	<0.1	<0.1	0.3	56	1.68
539004	Drill Core	2.68	13.9	636.9	3.4	60	0.6	2.2	7.7	539	1.48	5.7	1.3	11.6	5.0	155	0.1	<0.1	0.2	59	1.52
539005	Drill Core	4.40	34.0	216.2	3.0	69	0.2	12.3	14.9	937	3.17	7.6	0.7	6.0	1.6	623	0.2	0.2	0.2	121	3.15
539006	Drill Core	4.97	5.7	246.9	2.5	94	0.3	20.4	17.9	892	3.33	7.1	0.3	6.3	0.6	215	0.2	0.2	0.1	123	2.02
539007	Drill Core	6.20	9.7	204.5	2.6	63	0.2	9.3	17.3	732	2.89	6.9	0.5	3.8	1.9	197	<0.1	0.1	0.2	106	1.73
539008	Drill Core	5.09	10.4	70.0	1.7	52	<0.1	5.1	8.6	679	2.70	6.3	0.5	0.6	1.8	134	<0.1	0.2	<0.1	98	1.83
539009	Drill Core	6.60	1.9	292.6	1.7	84	0.2	33.0	26.0	1093	3.40	8.9	0.3	5.0	0.8	460	<0.1	0.2	0.2	109	2.61
539010	Drill Core	4.64	187.8	165.8	2.6	41	0.2	2.5	5.7	668	1.36	5.9	1.2	3.1	4.5	323	0.2	0.1	0.1	57	2.41
539011	Drill Core	5.46	46.2	95.3	1.9	39	<0.1	3.0	4.8	576	1.48	5.2	1.1	1.4	4.8	213	<0.1	0.1	<0.1	59	1.76
539012	Drill Core	4.48	26.2	233.8	2.0	42	0.2	2.8	4.9	504	1.45	4.4	0.9	5.6	4.7	176	<0.1	<0.1	<0.1	54	1.09
539013	Drill Core	4.64	146.4	305.0	3.8	51	0.4	2.0	3.9	514	1.31	5.0	0.9	2.4	4.5	207	0.2	<0.1	0.2	51	1.70
539014	Drill Core	3.00	85.5	145.4	2.6	54	0.2	2.4	4.0	424	1.26	6.5	1.2	2.0	6.0	80	<0.1	<0.1	0.2	53	0.88
539015	Drill Core	2.18	86.5	243.5	2.4	46	0.3	2.3	3.8	421	1.05	11.2	0.9	2.5	5.0	93	0.1	0.1	0.2	45	1.14
539016	Drill Core	2.27	91.4	223.5	2.1	47	0.3	2.8	4.3	463	1.11	11.2	1.0	1.1	5.3	97	<0.1	0.1	0.2	48	1.11
539017	Drill Core	5.43	154.0	376.9	3.3	96	0.5	13.2	22.4	891	3.16	16.7	0.6	4.8	2.6	311	0.2	0.1	0.3	87	2.39
539018	Drill Core	5.79	43.2	278.1	2.6	35	0.3	1.8	2.0	306	0.56	19.5	0.7	11.6	5.7	72	0.1	0.2	0.3	27	1.09
539019	Drill Core	5.54	62.5	839.0	3.7	254	0.9	12.8	5.8	711	1.29	13.0	0.5	6.0	3.9	291	1.1	0.1	0.4	35	1.50
539020	Drill Core	3.75	4.6	598.3	6.0	167	0.7	1.5	2.0	684	0.90	10.7	0.5	2.6	2.6	65	0.5	0.1	0.3	26	0.93
539021	Drill Core	3.55	8.4	608.4	7.5	380	0.9	1.6	3.3	829	1.30	10.2	0.8	7.9	2.7	74	1.5	0.1	0.5	43	0.98
539022	Drill Core	6.13	10.0	261.1	7.0	215	0.4	1.2	3.5	680	1.45	3.9	0.6	6.2	2.7	60	1.3	<0.1	0.6	50	1.49
539023	Drill Core	4.40	17.1	737.3	5.1	148	1.0	1.5	2.4	540	0.93	15.2	0.8	12.7	3.7	82	0.6	0.1	0.5	27	0.94
539024	Drill Core	7.54	7.0	411.2	4.6	198	0.6	7.5	11.0	848	1.94	4.8	0.9	3.2	3.6	377	0.7	0.1	0.3	68	2.42
539025	Drill Core	5.30	2.4	159.5	5.8	150	0.2	31.1	23.7	1819	4.82	5.3	0.2	0.5	0.8	282	<0.1	0.1	0.2	165	3.44



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-163
 Report Date: August 30, 2010

Page: 2 of 4 Part 2

CERTIFICATE OF ANALYSIS

SMI10000380.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	7AR
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	%	
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005	0.001	
538996	Drill Core	0.041	9	3	0.40	287	0.002	3	0.27	0.059	0.12	0.2	<0.01	1.2	<0.1	0.40	1	<0.5	<0.2		
538997	Drill Core	0.039	14	2	0.35	118	<0.001	4	0.30	0.046	0.14	0.2	0.01	1.2	<0.1	0.97	2	1.0	<0.2		
538998	Drill Core	0.037	9	3	0.33	128	0.002	5	0.39	0.063	0.18	0.2	<0.01	1.3	<0.1	0.54	2	0.6	<0.2		
538999	Drill Core	0.039	11	2	0.42	91	0.002	3	0.27	0.054	0.13	0.2	0.01	1.5	<0.1	0.41	1	<0.5	<0.2		
539000	Rock	0.078	11	21	0.66	165	0.146	1	1.25	0.108	0.14	<0.1	0.01	3.7	<0.1	<0.05	5	<0.5	<0.2		
539001	Drill Core	0.060	11	3	0.71	77	0.005	2	0.23	0.054	0.10	0.3	0.01	3.2	<0.1	0.10	2	<0.5	<0.2		
539002	Drill Core	0.059	11	5	0.64	136	0.007	2	0.37	0.052	0.15	0.2	<0.01	3.1	<0.1	0.12	3	<0.5	<0.2		
539003	Drill Core	0.052	9	6	0.70	206	0.008	2	0.50	0.050	0.13	0.2	<0.01	2.8	<0.1	0.08	5	<0.5	0.3		
539004	Drill Core	0.064	11	3	0.87	224	0.013	2	0.77	0.065	0.12	0.2	<0.01	3.1	<0.1	0.17	7	0.6	<0.2		
539005	Drill Core	0.120	7	30	1.22	307	0.137	3	1.41	0.256	0.14	0.2	<0.01	7.7	<0.1	0.38	6	1.0	<0.2		
539006	Drill Core	0.121	4	59	1.49	77	0.174	3	1.76	0.287	0.14	0.3	<0.01	7.7	<0.1	0.33	7	0.7	<0.2		
539007	Drill Core	0.125	7	9	1.14	207	0.106	3	1.28	0.234	0.13	0.2	<0.01	5.3	<0.1	0.54	7	0.9	<0.2		
539008	Drill Core	0.119	6	6	1.01	45	0.093	4	1.05	0.205	0.09	0.1	<0.01	4.8	<0.1	0.16	6	<0.5	<0.2		
539009	Drill Core	0.134	4	38	1.65	93	0.119	4	2.00	0.371	0.15	0.2	<0.01	6.1	<0.1	0.69	8	1.3	<0.2		
539010	Drill Core	0.058	10	3	0.79	171	0.010	3	0.99	0.174	0.10	0.2	<0.01	2.5	<0.1	0.16	6	<0.5	<0.2		
539011	Drill Core	0.064	11	6	0.74	64	0.016	2	0.94	0.114	0.11	0.2	<0.01	2.5	<0.1	0.12	6	<0.5	<0.2		
539012	Drill Core	0.071	10	5	0.87	52	0.018	2	1.01	0.089	0.13	0.1	<0.01	2.5	<0.1	0.12	6	<0.5	<0.2		
539013	Drill Core	0.056	11	2	0.79	39	0.010	3	0.75	0.062	0.12	0.2	<0.01	2.8	<0.1	0.20	5	<0.5	<0.2		
539014	Drill Core	0.060	12	4	0.79	49	0.014	3	0.87	0.060	0.19	0.2	<0.01	2.8	<0.1	0.14	7	<0.5	<0.2		
539015	Drill Core	0.061	9	4	0.69	37	0.013	4	0.76	0.052	0.17	0.2	<0.01	2.6	<0.1	0.11	6	<0.5	<0.2		
539016	Drill Core	0.064	9	4	0.77	46	0.013	4	0.91	0.057	0.19	0.2	<0.01	2.7	<0.1	0.11	7	<0.5	<0.2		
539017	Drill Core	0.118	7	14	1.03	168	0.021	4	1.31	0.098	0.17	0.2	<0.01	9.1	<0.1	0.72	8	1.0	<0.2		
539018	Drill Core	0.050	6	6	0.47	67	0.003	2	0.35	0.046	0.14	<0.1	<0.01	2.1	<0.1	0.06	3	<0.5	<0.2		
539019	Drill Core	0.066	5	27	0.79	76	0.006	3	0.53	0.063	0.15	0.2	0.01	3.4	<0.1	0.36	3	0.6	<0.2		
539020	Drill Core	0.083	7	4	0.54	142	0.010	3	0.61	0.039	0.20	0.2	<0.01	1.6	<0.1	0.19	5	<0.5	0.3		
539021	Drill Core	0.079	11	5	0.69	128	0.012	3	0.86	0.052	0.20	0.2	0.03	2.1	<0.1	0.23	7	<0.5	<0.2		
539022	Drill Core	0.076	12	3	0.63	205	0.007	2	0.72	0.044	0.12	0.1	<0.01	1.9	<0.1	0.18	6	<0.5	<0.2		
539023	Drill Core	0.078	9	5	0.69	40	0.008	4	0.78	0.046	0.29	0.2	<0.01	1.4	<0.1	0.17	5	<0.5	<0.2		
539024	Drill Core	0.096	8	14	1.11	136	0.030	1	1.01	0.062	0.14	0.1	<0.01	5.7	<0.1	0.37	7	0.9	<0.2		
539025	Drill Core	0.134	6	65	3.07	32	0.134	2	2.39	0.094	0.14	0.2	<0.01	13.6	<0.1	0.80	14	1.0	<0.2		

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-163
 Report Date: August 30, 2010

Page: 3 of 4 Part 1

CERTIFICATE OF ANALYSIS

SMI10000380.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
539026	Drill Core	6.47	4.0	196.0	11.1	109	1.0	24.4	20.7	1182	4.04	6.0	0.3	<0.5	0.8	344	0.4	0.1	0.2	132	2.66
539027	Drill Core	2.44	2.0	163.9	6.3	91	1.2	27.6	16.1	882	3.89	8.5	0.4	<0.5	0.8	409	<0.1	0.2	0.1	142	2.25
539028	Drill Core	5.37	7.9	211.2	5.0	98	0.3	2.0	3.6	606	1.03	6.3	1.3	4.4	5.5	248	0.2	<0.1	0.2	40	1.79
539029	Drill Core	4.83	3.0	252.3	4.5	192	0.3	2.2	3.0	486	0.80	13.9	0.9	8.3	5.6	61	1.2	0.2	0.2	34	1.07
539030	Rock Pulp	0.10	146.6	1714	21.9	62	2.0	16.4	17.6	350	3.71	26.6	3.9	191.2	8.7	59	1.0	7.0	2.4	52	1.69
539031	Drill Core	4.88	7.7	117.5	3.4	65	0.1	2.4	3.5	452	0.93	7.1	1.2	4.3	5.4	75	<0.1	0.1	0.2	39	1.13
539032	Drill Core	4.59	6.0	55.6	3.6	47	0.6	2.9	2.9	381	0.71	3.4	0.6	4.9	4.4	62	<0.1	<0.1	<0.1	33	1.17
539033	Drill Core	4.74	4.0	177.1	9.7	236	0.2	2.3	2.9	403	0.76	8.1	0.6	2.0	4.7	54	0.9	<0.1	0.2	29	0.93
539034	Drill Core	4.49	2.6	192.6	11.1	357	0.2	1.8	2.0	343	0.58	5.4	0.7	2.6	4.2	42	1.8	<0.1	0.2	25	0.61
539035	Drill Core	6.32	2.4	218.4	2.8	37	0.2	1.9	2.7	301	0.70	4.5	0.6	4.0	4.4	55	<0.1	<0.1	<0.1	33	0.87
539036	Drill Core	5.66	2.2	509.1	83.9	101	0.6	15.0	22.6	1121	3.55	6.4	0.2	6.7	0.8	208	0.2	0.1	1.2	109	2.29
539037	Drill Core	3.53	0.9	273.6	16.3	105	0.2	24.7	23.6	1121	3.28	7.3	0.2	3.5	0.5	212	0.1	0.2	0.3	111	2.11
539038	Drill Core	6.67	2.3	252.5	5.0	88	0.4	23.1	18.5	948	3.22	6.1	0.2	9.9	0.6	189	0.1	0.2	0.2	104	2.17
539039	Drill Core	5.72	1.9	187.2	6.2	93	0.4	15.0	15.0	1027	3.19	5.1	0.4	2.9	1.8	178	0.2	0.1	0.2	108	1.89
539040	Drill Core	4.39	11.6	666.3	5.1	29	0.7	1.6	1.9	329	0.58	6.8	0.4	5.7	4.3	206	<0.1	<0.1	0.2	20	0.97
539041	Drill Core	4.77	6.6	193.9	2.6	36	0.1	2.4	2.5	460	0.65	11.0	0.5	2.3	4.0	88	<0.1	<0.1	<0.1	24	1.00
539042	Drill Core	5.04	19.0	231.5	17.5	48	0.2	2.8	2.8	527	0.80	11.9	0.6	1.7	2.4	125	0.2	0.2	0.3	13	1.96
539043	Drill Core	4.53	5.9	61.1	1.8	58	<0.1	1.8	3.7	583	1.08	3.0	0.7	2.7	2.2	104	<0.1	0.1	0.2	18	1.49
539044	Drill Core	4.21	4.8	118.5	2.1	82	0.1	19.9	10.1	1366	2.16	4.0	0.6	1.8	1.8	174	<0.1	0.1	0.3	45	2.80
539045	Rock Pulp	0.10	225.6	4186	38.8	139	2.2	22.2	17.8	476	3.98	108.9	0.6	377.1	1.6	29	1.1	6.3	0.6	75	0.42
539046	Drill Core	4.07	21.5	229.5	1.4	69	0.2	9.6	7.1	905	1.76	3.7	0.8	2.2	2.0	110	<0.1	0.1	0.4	31	1.99
539047	Drill Core	4.56	15.2	225.4	2.6	93	0.2	16.3	10.1	1585	2.26	3.4	0.8	1.3	1.7	597	0.1	0.1	0.4	45	3.24
539048	Drill Core	5.20	1.2	140.9	2.0	50	0.1	4.5	4.3	744	1.45	3.1	0.8	0.8	2.2	128	<0.1	0.4	0.2	23	1.81
539049	Drill Core	5.19	2.6	294.9	1.9	104	0.3	39.7	15.6	1808	2.88	5.0	0.6	4.6	1.2	280	<0.1	0.2	0.1	65	2.52
539050	Drill Core	5.42	1.7	355.3	1.8	47	0.2	3.4	4.5	857	1.25	2.7	0.7	4.9	2.3	153	<0.1	0.1	0.2	21	2.13
539051	Drill Core	5.29	2.1	212.6	1.8	68	0.2	7.9	7.9	885	1.72	2.5	0.9	4.0	2.2	130	<0.1	0.1	0.2	29	2.00
539052	Drill Core	4.05	18.7	391.3	1.9	38	0.3	0.9	6.8	500	1.40	2.3	0.9	4.7	2.4	260	<0.1	0.1	0.2	18	1.18
539053	Drill Core	5.84	2.8	1049	3.5	141	0.8	69.8	29.3	1942	4.42	8.5	0.3	22.1	0.7	235	0.2	0.3	0.4	86	2.74
539054	Drill Core	5.10	8.4	110.4	3.2	120	0.1	54.5	18.0	2092	3.52	7.3	0.3	1.6	0.7	608	<0.1	0.1	0.1	85	4.40
539055	Drill Core	4.97	17.7	93.3	3.0	32	0.1	2.3	4.0	672	1.24	4.0	1.0	4.1	2.4	203	<0.1	0.1	0.1	19	2.56

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-163
 Report Date: August 30, 2010

Page: 3 of 4 Part 2

CERTIFICATE OF ANALYSIS

SMI10000380.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	7AR
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	%	
MDL	0.001	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	0.005	0.001	
539026	Drill Core	0.140	6	50	1.76	37	0.068	2	1.55	0.122	0.10	0.1	<0.01	11.9	<0.1	0.59	8	1.5	<0.2		
539027	Drill Core	0.133	5	63	1.58	40	0.030	2	1.66	0.157	0.11	0.2	<0.01	12.6	<0.1	0.38	8	0.8	<0.2		
539028	Drill Core	0.065	10	3	0.68	107	0.006	2	0.36	0.047	0.13	0.2	<0.01	2.8	<0.1	0.13	3	<0.5	<0.2		
539029	Drill Core	0.062	9	5	0.61	45	0.014	2	0.54	0.038	0.14	<0.1	0.02	2.0	<0.1	0.09	5	0.5	<0.2		
539030	Rock Pulp	0.069	16	60	0.79	98	0.031	6	1.30	0.050	0.47	2.2	0.09	5.0	0.3	1.63	4	3.1	<0.2	0.250	
539031	Drill Core	0.067	11	6	0.62	46	0.009	3	0.61	0.046	0.14	0.1	<0.01	2.0	<0.1	0.07	5	<0.5	<0.2		
539032	Drill Core	0.061	8	7	0.60	56	0.009	1	0.46	0.036	0.10	2.3	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2		
539033	Drill Core	0.067	7	6	0.64	56	0.009	2	0.54	0.043	0.14	0.1	0.02	2.0	<0.1	0.09	5	<0.5	<0.2		
539034	Drill Core	0.054	6	6	0.57	72	0.009	<1	0.49	0.040	0.14	<0.1	0.02	1.7	<0.1	0.07	5	0.5	<0.2		
539035	Drill Core	0.065	8	6	0.64	81	0.012	1	0.55	0.040	0.13	<0.1	<0.01	2.3	<0.1	0.07	5	<0.5	0.2		
539036	Drill Core	0.141	5	24	1.83	54	0.102	3	1.62	0.124	0.10	0.2	0.01	7.7	<0.1	1.00	10	1.2	<0.2		
539037	Drill Core	0.126	4	48	1.91	90	0.132	2	1.66	0.152	0.12	0.2	<0.01	7.5	<0.1	0.77	8	1.3	<0.2		
539038	Drill Core	0.120	4	49	1.69	54	0.131	2	1.42	0.120	0.11	0.2	<0.01	6.5	<0.1	0.64	7	1.0	<0.2		
539039	Drill Core	0.120	6	29	1.82	47	0.083	2	1.43	0.089	0.12	0.2	<0.01	7.4	<0.1	0.47	10	0.7	<0.2		
539040	Drill Core	0.054	7	5	0.56	46	0.007	1	0.40	0.040	0.15	0.1	<0.01	1.5	<0.1	0.09	3	<0.5	<0.2		
539041	Drill Core	0.048	6	5	0.71	46	0.006	3	0.61	0.043	0.17	<0.1	<0.01	1.6	<0.1	<0.05	5	<0.5	<0.2		
539042	Drill Core	0.041	9	6	0.52	57	0.003	4	0.58	0.049	0.20	<0.1	<0.01	0.9	<0.1	0.12	4	<0.5	<0.2		
539043	Drill Core	0.036	8	4	0.52	42	0.006	3	0.60	0.060	0.16	0.1	<0.01	0.9	<0.1	0.11	4	<0.5	<0.2		
539044	Drill Core	0.067	8	51	1.07	52	0.022	3	1.02	0.075	0.13	<0.1	<0.01	4.1	<0.1	0.34	6	<0.5	<0.2		
539045	Rock Pulp	0.104	9	28	0.60	37	0.051	5	0.95	0.022	0.57	1.1	0.10	5.4	0.4	2.16	4	7.2	1.1	0.442	0.458
539046	Drill Core	0.049	9	30	0.65	120	0.013	3	0.71	0.059	0.12	0.1	<0.01	2.6	<0.1	0.48	5	<0.5	<0.2		
539047	Drill Core	0.056	8	44	1.28	123	0.021	2	0.84	0.056	0.09	0.1	<0.01	4.5	<0.1	0.51	6	0.6	<0.2		
539048	Drill Core	0.044	10	10	0.55	107	0.005	3	0.56	0.071	0.10	<0.1	<0.01	1.7	<0.1	0.20	4	<0.5	<0.2		
539049	Drill Core	0.098	5	92	1.67	51	0.051	3	1.56	0.098	0.14	0.1	<0.01	6.6	<0.1	0.22	8	<0.5	<0.2		
539050	Drill Core	0.038	9	5	0.47	80	0.008	2	0.51	0.054	0.09	<0.1	<0.01	1.2	<0.1	0.23	4	<0.5	<0.2		
539051	Drill Core	0.046	7	23	0.71	44	0.013	2	0.78	0.056	0.14	<0.1	<0.01	1.9	<0.1	0.29	6	0.5	<0.2		
539052	Drill Core	0.037	7	4	0.37	86	0.005	2	0.51	0.055	0.10	<0.1	<0.01	0.9	<0.1	0.55	3	0.9	<0.2		
539053	Drill Core	0.147	5	139	1.69	81	0.075	4	2.03	0.128	0.24	0.2	0.02	8.2	<0.1	1.24	10	2.1	<0.2		
539054	Drill Core	0.120	5	111	1.60	395	0.058	7	1.91	0.127	0.22	0.2	<0.01	9.9	<0.1	0.29	9	<0.5	0.3		
539055	Drill Core	0.038	11	4	0.21	480	0.003	4	0.51	0.055	0.13	0.2	<0.01	1.1	<0.1	0.14	3	<0.5	<0.2		

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-163
 Report Date: August 30, 2010

Page: 4 of 4 Part 1

CERTIFICATE OF ANALYSIS

SMI10000380.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
539056	Drill Core	4.76	4.6	121.5	4.4	34	0.1	0.9	3.2	688	1.22	4.2	0.7	5.6	2.4	262	<0.1	<0.1	0.1	18	2.32
539057	Drill Core	3.78	1.6	1089	2.9	44	0.8	1.4	4.9	596	1.14	11.8	0.9	34.7	2.4	174	0.3	0.3	0.1	18	2.11
539058	Drill Core	5.31	3.6	127.8	2.2	34	0.1	1.5	3.2	478	1.15	4.1	0.8	3.2	2.4	131	<0.1	0.1	<0.1	22	1.41
539059	Drill Core	5.62	3.0	163.4	5.4	44	0.1	0.7	3.5	693	1.06	4.9	1.0	6.4	2.2	1608	<0.1	0.9	0.1	17	2.15
539060	Rock	0.57	0.9	26.3	3.6	51	<0.1	27.0	9.4	434	2.41	8.0	0.4	<0.5	2.3	54	0.1	0.7	<0.1	47	0.76
539061	Drill Core	7.62	11.2	120.2	2.1	28	0.2	1.5	3.0	790	1.01	4.1	0.9	1.9	1.9	245	<0.1	0.2	0.2	15	2.15
539062	Drill Core	2.19	10.9	41.3	1.3	24	<0.1	0.7	2.8	541	0.92	2.7	0.7	0.8	2.2	135	<0.1	0.2	0.1	14	1.35
539063	Drill Core	4.69	1.3	89.6	1.6	27	<0.1	1.1	2.5	486	0.94	3.9	0.7	1.0	2.0	122	<0.1	0.3	<0.1	15	1.41
539064	Drill Core	0.67	19.6	184.7	3.7	31	0.5	1.5	3.6	569	1.20	4.3	0.9	5.0	2.3	137	<0.1	0.2	0.1	20	1.83



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-163
 Report Date: August 30, 2010

Page: 4 of 4 Part 2

CERTIFICATE OF ANALYSIS

SMI10000380.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	7AR
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	%	
MDL	0.001	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	0.005	0.001	
539056	Drill Core	0.041	10	3	0.27	711	0.004	4	0.58	0.055	0.15	<0.1	<0.01	1.1	<0.1	0.14	3	<0.5	<0.2		
539057	Drill Core	0.039	11	4	0.26	403	0.003	4	0.50	0.054	0.13	<0.1	<0.01	0.9	<0.1	0.21	4	<0.5	<0.2		
539058	Drill Core	0.043	10	4	0.29	356	0.004	4	0.52	0.057	0.12	<0.1	<0.01	1.2	<0.1	0.10	4	<0.5	<0.2		
539059	Drill Core	0.040	10	3	0.26	393	0.003	4	0.55	0.066	0.14	0.1	<0.01	0.9	<0.1	0.11	3	<0.5	0.3		
539060	Rock	0.075	10	24	0.72	149	0.109	2	1.27	0.081	0.13	0.1	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2		
539061	Drill Core	0.041	9	4	0.45	209	0.004	3	0.62	0.061	0.12	<0.1	<0.01	0.9	<0.1	0.08	4	<0.5	<0.2		
539062	Drill Core	0.041	8	4	0.36	100	0.005	3	0.60	0.061	0.13	<0.1	<0.01	0.8	<0.1	0.07	4	<0.5	<0.2		
539063	Drill Core	0.039	8	4	0.24	247	0.003	3	0.52	0.051	0.11	<0.1	<0.01	0.8	<0.1	0.08	3	<0.5	<0.2		
539064	Drill Core	0.037	9	4	0.28	328	0.004	5	0.55	0.074	0.12	0.1	<0.01	1.0	<0.1	0.11	3	<0.5	<0.2		



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-163
Report Date: August 30, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000380.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
539010	Drill Core	4.64	187.8	165.8	2.6	41	0.2	2.5	5.7	668	1.36	5.9	1.2	3.1	4.5	323	0.2	0.1	0.1	57	2.41
REP 539010	QC		185.7	165.2	2.7	44	0.2	3.1	5.7	682	1.39	6.3	1.2	2.6	4.5	333	0.1	0.1	0.1	57	2.45
539057	Drill Core	3.78	1.6	1089	2.9	44	0.8	1.4	4.9	596	1.14	11.8	0.9	34.7	2.4	174	0.3	0.3	0.1	18	2.11
REP 539057	QC		1.6	1068	2.7	43	0.9	1.4	4.5	577	1.14	12.3	0.9	25.9	2.3	179	0.2	0.3	0.1	18	2.10
Core Reject Duplicates																					
538998	Drill Core	2.79	7.1	151.9	4.5	26	0.2	1.1	10.4	442	1.59	6.7	0.9	3.7	2.5	123	<0.1	0.2	0.4	19	1.59
DUP 538998	QC		7.6	162.1	4.3	27	0.3	1.2	11.5	458	1.64	6.9	1.0	4.2	2.7	129	<0.1	0.1	0.4	19	1.65
539033	Drill Core	4.74	4.0	177.1	9.7	236	0.2	2.3	2.9	403	0.76	8.1	0.6	2.0	4.7	54	0.9	<0.1	0.2	29	0.93
DUP 539033	QC		4.4	177.7	9.8	238	0.2	2.3	2.8	389	0.77	8.4	0.6	2.2	4.3	54	1.0	<0.1	0.2	29	0.88
Reference Materials																					
STD DS7	Standard		19.8	103.4	63.6	393	1.0	57.5	9.5	605	2.31	54.3	4.3	64.9	4.1	67	6.8	6.2	4.5	80	0.92
STD DS7	Standard		23.0	109.7	73.4	425	1.2	59.3	9.9	652	2.46	58.8	5.1	181.2	4.8	77	7.4	6.6	4.8	86	1.00
STD DS7	Standard		19.4	105.1	64.8	401	1.0	51.2	8.9	607	2.35	53.5	4.5	64.0	4.3	70	6.0	5.7	4.5	78	0.95
STD DS7	Standard		20.1	101.6	64.4	383	1.0	51.8	9.1	611	2.36	52.9	4.4	68.9	4.4	73	6.2	6.1	4.5	78	0.97
STD DS7	Standard		21.2	115.0	70.3	404	1.0	60.5	10.2	629	2.38	51.8	4.9	71.5	4.7	67	6.5	6.1	4.8	84	0.95
STD DS7	Standard		21.0	109.0	62.5	399	1.0	56.9	10.3	623	2.35	53.3	4.7	71.4	4.5	72	6.5	5.9	4.5	83	0.97
STD OXH66	Standard																				
STD OXK79	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD OXH66 Expected																					
STD OXK79 Expected																					
STD R4A Expected																					
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank																				
BLK	Blank																				

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-163
Report Date: August 30, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000380.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	7AR	
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu	
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	%	
MDL		0.001	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	0.005	0.001	
Pulp Duplicates																						
539010	Drill Core	0.058	10	3	0.79	171	0.010	3	0.99	0.174	0.10	0.2	<0.01	2.5	<0.1	0.16	6	<0.5	<0.2			
REP 539010	QC	0.060	10	3	0.81	178	0.010	3	0.99	0.175	0.11	0.2	<0.01	2.6	<0.1	0.16	7	0.5	<0.2			
539057	Drill Core	0.039	11	4	0.26	403	0.003	4	0.50	0.054	0.13	<0.1	<0.01	0.9	<0.1	0.21	4	<0.5	<0.2			
REP 539057	QC	0.043	10	4	0.25	391	0.003	4	0.49	0.054	0.13	<0.1	<0.01	1.0	<0.1	0.21	3	<0.5	<0.2			
Core Reject Duplicates																						
538998	Drill Core	0.037	9	3	0.33	128	0.002	5	0.39	0.063	0.18	0.2	<0.01	1.3	<0.1	0.54	2	0.6	<0.2			
DUP 538998	QC	0.039	9	3	0.36	122	0.002	5	0.43	0.063	0.18	0.2	<0.01	1.3	<0.1	0.58	2	0.9	<0.2			
539033	Drill Core	0.067	7	6	0.64	56	0.009	2	0.54	0.043	0.14	0.1	0.02	2.0	<0.1	0.09	5	<0.5	<0.2			
DUP 539033	QC	0.061	7	6	0.60	61	0.009	1	0.53	0.046	0.15	0.1	0.01	1.9	<0.1	0.09	4	<0.5	<0.2			
Reference Materials																						
STD DS7	Standard	0.077	12	180	1.02	399	0.116	38	0.98	0.088	0.47	3.9	0.21	2.3	4.1	0.19	5	3.6	1.3			
STD DS7	Standard	0.088	14	195	1.12	446	0.132	42	1.07	0.098	0.51	4.0	0.23	2.6	4.7	0.20	5	3.9	1.4			
STD DS7	Standard	0.075	12	177	1.02	400	0.121	41	1.03	0.094	0.45	3.7	0.21	2.5	4.1	0.20	5	3.2	1.0			
STD DS7	Standard	0.080	13	181	1.09	410	0.124	40	1.07	0.100	0.49	3.9	0.23	2.7	4.2	0.19	5	3.1	1.1			
STD DS7	Standard	0.076	12	189	1.05	369	0.122	42	1.02	0.093	0.46	3.7	0.23	2.3	4.4	0.20	5	3.1	1.2			
STD DS7	Standard	0.078	12	194	1.05	392	0.126	39	1.04	0.098	0.45	3.5	0.23	2.4	3.9	0.19	5	2.9	1.3			
STD OXH66	Standard																				1.301	
STD OXK79	Standard																					3.589
STD R4A	Standard																					0.514
STD R4A	Standard																					0.513
STD OXH66 Expected																						1.285
STD OXK79 Expected																						3.532
STD R4A Expected																						0.502
STD DS7 Expected		0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08			
BLK	Blank	<0.001	<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	<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																					<0.005
BLK	Blank																					<0.005

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-163

Report Date: August 30, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000380.1

		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
BLK	Blank																					
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																						
G1	Prep Blank		<0.1	3.3	3.1	42	<0.1	2.9	4.0	528	1.97	<0.5	1.8	3.8	5.5	54	<0.1	<0.1	<0.1	36	0.53	
G1	Prep Blank		<0.1	2.9	3.9	42	<0.1	2.8	3.6	515	1.84	<0.5	2.4	1.2	6.7	55	<0.1	<0.1	0.1	34	0.53	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-163

Report Date: August 30, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000380.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	7AR
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	%
		0.001	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	0.005	0.001
BLK	Blank																				<0.001
BLK	Blank	<0.001	<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	Prep Blank	0.086	11	12	0.51	167	0.124	2	0.89	0.075	0.50	<0.1	0.02	2.0	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.082	13	10	0.51	166	0.134	2	0.91	0.085	0.49	0.1	<0.01	2.1	0.3	<0.05	4	<0.5	<0.2		



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: August 09, 2010
Report Date: September 02, 2010
Page: 1 of 4

CERTIFICATE OF ANALYSIS

SMI10000381.2

CLIENT JOB INFORMATION

Project: Kwanika-162B
Shipment ID: 2010-09
P.O. Number
Number of Samples: 80

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include 7AR, R200-250, 1DX2, and G601.

ADDITIONAL COMMENTS

Version 2: 1DX15 analysis included



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162B
 Report Date: September 02, 2010

Page: 2 of 4 Part 1

CERTIFICATE OF ANALYSIS

SMI10000381.2

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
537061	Drill Core	0.238	5.00	7.6	2246	15.0	62	1.8	1.6	8.8	529	1.83	2.8	2.2	58.2	5.1	111	0.3	0.2	0.2	40
537062	Drill Core		5.04	4.3	1071	23.8	67	0.9	1.4	6.9	711	2.17	3.4	1.4	15.9	3.1	154	0.2	0.2	0.1	45
537063	Drill Core	0.313	4.65	9.1	3052	29.6	73	2.4	1.7	8.9	726	2.01	8.9	2.5	233.8	5.1	180	0.2	0.2	0.4	42
537064	Drill Core	0.250	4.54	34.8	2359	24.9	62	2.4	0.7	6.7	618	1.71	5.4	3.1	172.5	5.9	168	0.3	0.2	0.4	37
537065	Drill Core		5.15	9.5	1900	21.9	76	1.5	1.7	8.1	776	1.96	4.6	3.1	51.5	6.3	117	0.1	0.1	0.1	45
537066	Drill Core	0.276	5.09	9.1	2731	35.4	51	2.1	1.1	6.6	546	1.59	1.7	2.5	66.1	5.1	99	0.4	0.1	0.4	38
537067	Drill Core	0.421	4.98	25.9	4056	31.5	74	3.3	1.6	9.0	625	1.84	5.2	3.1	77.0	6.4	132	0.4	0.2	0.3	39
537068	Drill Core		3.12	34.8	1134	28.5	52	1.0	0.8	4.6	880	1.33	3.6	4.4	15.5	7.9	181	0.3	0.2	0.1	30
537069	Drill Core	0.266	4.10	34.6	2484	35.7	54	2.0	0.9	5.7	596	1.34	8.3	4.8	28.3	9.8	153	0.3	0.3	0.1	29
537070	Rock Pulp		0.11	152.9	1726	23.3	66	2.1	17.5	17.2	370	3.87	24.6	4.5	200.3	10.0	67	1.0	7.0	2.6	56
537071	Drill Core	0.916	5.37	39.2	8779	43.3	135	5.5	0.8	18.7	689	2.42	3.1	3.4	44.0	6.0	135	1.6	0.2	0.3	34
537072	Drill Core	0.709	2.37	50.8	6856	45.5	162	5.9	1.8	24.1	1434	2.79	3.7	3.8	51.7	4.9	179	0.4	0.3	0.4	35
537073	Drill Core	0.550	5.69	52.1	5123	73.1	117	6.7	1.5	10.9	1244	2.06	5.5	2.0	279.6	3.8	207	0.4	0.3	0.5	34
537074	Drill Core	0.302	5.48	36.8	2983	118.3	100	2.9	1.3	9.7	1293	2.26	2.1	1.9	40.7	4.3	194	0.3	0.2	0.8	38
537075	Drill Core		4.63	6.0	1736	59.0	82	1.7	1.3	9.1	893	1.77	5.0	3.5	18.8	6.8	284	0.4	0.3	0.1	28
537076	Drill Core		5.78	5.5	1179	113.6	110	1.0	1.9	6.6	869	1.93	5.7	2.1	11.4	4.7	133	0.5	0.1	0.4	40
537077	Drill Core	0.599	3.28	301.8	5816	60.3	129	6.0	4.2	7.3	1314	2.43	51.1	3.3	49.7	5.6	281	0.9	0.6	0.5	36
537078	Drill Core	0.394	4.91	129.9	3775	15.7	83	2.9	1.6	9.2	1059	2.18	39.9	3.1	17.5	4.5	150	0.6	0.9	0.3	29
537079	Drill Core		5.22	14.4	1350	16.6	63	1.1	1.5	5.5	1030	1.94	24.8	3.0	7.7	4.7	176	0.4	0.2	0.2	36
537080	Drill Core		4.89	19.7	470.7	13.7	49	0.3	1.6	5.7	783	1.76	1.5	1.5	6.8	5.3	122	0.1	<0.1	<0.1	37
537081	Drill Core		4.63	29.4	1354	13.3	52	0.9	1.4	8.3	710	1.75	2.5	1.6	16.8	5.7	115	<0.1	<0.1	<0.1	35
537082	Drill Core		4.72	29.9	906.5	21.4	64	0.7	1.2	5.6	894	1.82	2.7	1.4	9.6	4.3	138	0.2	0.1	0.1	42
537083	Drill Core		4.92	25.9	1015	39.9	76	0.9	1.0	6.0	1003	1.99	10.2	2.1	10.6	3.2	171	0.3	0.3	0.2	48
537084	Drill Core		4.49	24.6	297.6	25.5	57	0.4	1.1	6.2	744	1.99	3.1	1.0	27.1	3.3	107	0.2	<0.1	0.4	34
537085	Rock Pulp	0.452	0.11	244.0	4427	42.5	140	2.2	22.0	18.4	488	4.21	102.1	0.6	419.2	1.9	31	1.0	6.3	0.7	80
537086	Drill Core		4.82	177.0	1835	49.6	87	1.8	1.6	6.4	945	2.16	24.3	3.6	19.8	4.0	183	0.9	0.5	0.5	41
537087	Drill Core		5.29	18.9	825.6	16.4	46	0.7	1.4	5.7	531	1.74	13.8	1.2	8.6	5.0	106	0.3	0.1	0.1	29
537088	Drill Core		5.21	43.8	1741	29.9	54	1.4	1.3	8.6	611	1.99	44.4	1.1	9.6	5.5	130	0.6	0.5	0.3	31
537089	Drill Core		5.20	10.1	385.5	29.5	45	0.4	1.5	5.4	556	1.74	85.3	1.9	5.0	3.7	112	0.2	0.4	0.3	18
537090	Drill Core		5.18	10.1	432.1	28.9	47	0.4	1.4	5.9	496	1.89	37.6	1.1	2.6	4.6	84	0.3	0.2	0.3	28

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162B
 Report Date: September 02, 2010

Page: 2 of 4 Part 2

CERTIFICATE OF ANALYSIS

SMI10000381.2

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
537061	Drill Core	0.98	0.055	8	7	0.51	117	0.084	1	0.74	0.122	0.11	0.4	<0.01	1.5	<0.1	0.37	5	1.7	<0.2	
537062	Drill Core	1.77	0.081	9	4	0.64	83	0.065	2	0.86	0.127	0.08	0.2	<0.01	1.8	<0.1	0.27	6	1.1	<0.2	
537063	Drill Core	1.45	0.059	9	5	0.58	198	0.080	2	1.29	0.222	0.15	0.2	<0.01	1.7	<0.1	0.36	6	2.1	<0.2	0.262
537064	Drill Core	1.33	0.051	9	<1	0.54	89	0.040	2	0.88	0.166	0.10	0.2	<0.01	1.8	<0.1	0.26	5	1.4	<0.2	0.163
537065	Drill Core	1.28	0.054	8	5	0.70	118	0.105	1	1.06	0.172	0.13	0.4	<0.01	1.9	<0.1	0.33	6	1.1	<0.2	
537066	Drill Core	1.41	0.050	7	5	0.51	174	0.061	<1	0.55	0.089	0.09	0.3	<0.01	1.2	<0.1	0.37	4	1.9	<0.2	
537067	Drill Core	1.08	0.048	7	6	0.54	124	0.076	2	0.85	0.142	0.14	0.4	<0.01	1.7	<0.1	0.60	5	2.5	0.5	
537068	Drill Core	1.77	0.028	6	5	0.49	91	0.037	2	0.90	0.232	0.08	0.3	<0.01	1.1	<0.1	0.30	5	1.0	<0.2	
537069	Drill Core	1.36	0.027	7	6	0.42	178	0.044	3	0.90	0.189	0.13	0.3	<0.01	1.3	<0.1	0.47	4	1.5	<0.2	
537070	Rock Pulp	1.76	0.067	17	64	0.80	62	0.032	5	1.44	0.053	0.50	2.2	0.09	4.9	0.3	1.72	5	2.9	1.0	0.226
537071	Drill Core	1.15	0.040	7	1	0.48	133	0.040	<1	0.73	0.123	0.11	0.4	0.02	1.2	<0.1	0.98	4	2.9	<0.2	
537072	Drill Core	1.29	0.051	8	7	0.77	123	0.044	4	1.34	0.155	0.14	0.2	0.02	1.4	<0.1	1.03	8	2.0	<0.2	
537073	Drill Core	1.31	0.046	6	5	0.57	64	0.019	5	1.13	0.134	0.12	0.1	<0.01	1.2	<0.1	0.78	6	2.8	0.5	0.214
537074	Drill Core	1.65	0.057	10	6	0.67	86	0.020	3	0.98	0.121	0.15	0.2	0.01	2.0	<0.1	0.58	6	1.4	<0.2	
537075	Drill Core	2.04	0.042	11	4	0.50	46	0.006	3	0.59	0.101	0.11	0.1	<0.01	1.6	<0.1	0.46	4	1.1	<0.2	
537076	Drill Core	2.25	0.052	11	5	0.33	87	0.004	2	0.30	0.069	0.14	0.3	0.02	1.9	<0.1	0.38	2	1.4	0.5	
537077	Drill Core	3.35	0.031	8	10	0.57	31	<0.001	6	0.47	0.059	0.16	0.1	0.09	1.8	<0.1	0.93	2	2.6	0.5	
537078	Drill Core	3.14	0.048	7	3	0.52	210	<0.001	7	0.46	0.059	0.18	0.1	0.06	2.1	<0.1	0.69	2	2.1	<0.2	
537079	Drill Core	3.29	0.052	9	4	0.49	83	0.002	4	0.38	0.065	0.14	0.2	0.02	2.3	<0.1	0.39	2	1.0	<0.2	
537080	Drill Core	1.82	0.054	10	6	0.34	64	0.004	2	0.34	0.072	0.14	0.1	<0.01	2.2	<0.1	0.36	2	1.0	<0.2	
537081	Drill Core	1.28	0.055	11	4	0.37	60	0.002	2	0.34	0.086	0.13	<0.1	0.01	2.2	<0.1	0.39	2	0.8	<0.2	
537082	Drill Core	1.36	0.056	10	4	0.52	98	0.003	3	0.43	0.103	0.12	<0.1	<0.01	2.3	<0.1	0.20	3	0.8	<0.2	
537083	Drill Core	2.23	0.053	10	4	0.76	247	0.004	<1	0.28	0.084	0.10	0.1	0.02	2.0	<0.1	0.35	2	1.1	<0.2	
537084	Drill Core	2.12	0.055	11	5	0.43	162	0.003	1	0.26	0.083	0.08	<0.1	0.01	1.7	<0.1	0.88	1	1.0	0.2	
537085	Rock Pulp	0.43	0.098	10	29	0.62	38	0.054	5	1.02	0.025	0.58	1.1	0.09	5.3	0.4	2.29	4	7.1	1.0	0.404
537086	Drill Core	3.18	0.042	9	5	0.66	274	0.002	3	0.30	0.056	0.12	0.1	0.01	1.3	<0.1	0.59	1	1.3	0.8	
537087	Drill Core	2.19	0.055	11	4	0.21	267	0.002	6	0.38	0.064	0.17	0.1	<0.01	1.7	<0.1	0.53	2	1.5	<0.2	
537088	Drill Core	2.66	0.051	7	4	0.27	152	0.002	4	0.31	0.065	0.13	0.1	<0.01	1.8	<0.1	0.87	2	2.2	<0.2	
537089	Drill Core	2.36	0.047	4	3	0.23	182	<0.001	5	0.32	0.053	0.18	0.1	<0.01	1.6	<0.1	0.66	1	1.1	<0.2	
537090	Drill Core	2.03	0.052	7	5	0.29	177	0.003	4	0.31	0.073	0.17	<0.1	<0.01	2.0	<0.1	0.65	2	1.6	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162B
 Report Date: September 02, 2010

Page: 3 of 4 Part 1

CERTIFICATE OF ANALYSIS

SMI10000381.2

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
537091	Drill Core		4.17	8.8	586.5	15.3	40	0.4	2.2	8.3	539	2.20	9.6	1.3	4.2	5.2	115	0.2	0.1	0.1	38
537092	Drill Core		2.63	10.3	498.1	11.3	30	0.4	1.9	7.4	453	1.78	3.7	1.2	4.4	5.8	150	0.3	<0.1	0.1	36
537093	Drill Core		4.81	31.4	1209	18.3	40	1.1	1.6	6.3	462	1.64	19.6	1.1	11.6	5.3	130	0.6	0.2	0.2	38
537094	Drill Core		4.80	10.0	648.2	14.0	37	0.6	1.3	5.0	474	1.49	14.9	1.1	11.3	6.0	151	0.2	0.2	0.1	38
537095	Drill Core		4.88	8.5	485.2	21.9	50	0.4	1.4	4.8	716	1.64	5.0	1.4	6.4	5.5	208	0.2	<0.1	0.2	43
537096	Drill Core	0.257	4.53	67.4	2390	24.0	64	2.3	1.2	8.5	735	1.93	12.2	1.3	8.7	2.9	233	1.3	0.1	0.2	43
537097	Drill Core		4.12	21.5	610.6	21.6	57	0.6	1.5	5.4	669	1.91	4.5	1.3	4.0	4.0	139	0.2	<0.1	0.2	40
537098	Drill Core		5.23	14.3	1111	16.5	65	1.0	1.8	6.1	702	1.72	21.9	0.8	12.8	4.3	170	0.4	0.3	<0.1	38
537099	Drill Core		4.73	5.2	535.4	13.9	60	0.4	1.7	5.3	728	1.66	9.7	1.4	8.3	4.4	321	0.2	0.1	<0.1	42
537100	Rock		0.66	1.5	32.6	4.3	50	<0.1	19.8	7.3	402	2.24	4.6	0.7	1.2	3.3	38	0.1	0.4	<0.1	46
537101	Drill Core		4.29	2.2	363.8	10.6	52	0.4	1.6	5.5	622	1.93	3.9	1.0	6.0	5.0	95	0.2	<0.1	<0.1	44
537102	Drill Core		4.73	4.3	1076	8.8	63	1.1	1.6	5.6	592	1.72	6.8	1.6	18.0	4.3	95	0.4	<0.1	<0.1	36
537103	Drill Core		4.23	5.3	1135	10.5	59	1.3	1.7	5.2	759	1.68	7.9	1.4	6.1	4.4	91	0.4	<0.1	0.1	30
537104	Drill Core		4.02	13.6	1353	10.3	65	1.4	1.6	5.3	721	1.72	19.5	1.1	11.7	3.8	63	0.7	0.1	0.1	32
537105	Drill Core		3.40	5.8	1042	13.1	39	1.0	1.4	4.1	483	1.57	33.3	1.1	10.4	4.9	57	0.7	0.2	0.1	31
537106	Drill Core		4.86	18.5	662.8	8.5	38	0.7	1.3	4.0	605	1.58	73.6	1.0	8.1	3.5	64	0.4	0.5	0.1	25
537107	Drill Core		4.63	22.4	598.6	26.0	35	0.7	1.3	4.1	553	1.60	90.7	1.6	8.7	3.9	84	0.4	1.8	0.4	21
537108	Drill Core		5.55	92.4	602.5	10.3	66	1.0	6.8	5.9	651	1.85	227.7	2.5	59.6	1.9	98	0.4	40.2	0.2	16
537109	Drill Core		4.73	7.6	668.1	5.1	30	0.4	1.7	3.8	401	1.79	241.0	1.1	24.4	2.7	149	<0.1	8.5	<0.1	20
537110	Drill Core		6.19	5.3	448.3	5.3	25	0.3	1.6	2.6	429	1.78	162.8	1.7	14.0	1.5	184	<0.1	13.0	<0.1	18
537111	Drill Core		4.69	29.3	994.7	8.2	27	0.6	1.5	3.8	390	1.99	19.7	1.2	22.4	4.3	146	0.1	0.6	<0.1	37
537112	Drill Core		5.02	3.6	528.5	5.3	18	0.3	1.2	3.1	237	1.69	12.2	1.3	21.7	5.1	75	0.1	0.1	<0.1	25
537113	Drill Core		4.78	43.0	697.5	4.3	22	0.5	1.6	5.3	283	1.91	13.9	1.3	25.2	4.1	81	<0.1	0.2	<0.1	27
537114	Drill Core		4.20	4.0	325.5	88.0	29	0.9	5.6	6.1	441	2.13	21.0	0.9	8.4	2.4	89	0.1	1.5	1.4	39
537115	Drill Core		0.89	2.9	296.3	9.6	64	0.3	36.7	28.9	1473	4.57	95.6	0.5	5.7	0.5	183	0.2	14.1	0.2	94
537116	Drill Core		0.72	2.3	275.4	8.6	65	0.3	37.7	27.3	1457	4.49	96.0	0.4	5.6	0.4	190	0.2	14.2	0.2	92
537117	Drill Core		3.56	69.7	362.0	4.6	27	0.3	2.7	7.0	373	2.10	121.0	0.9	5.2	2.5	96	0.2	13.8	<0.1	30
537118	Drill Core		3.78	4.9	276.3	5.4	58	0.2	49.9	27.3	1326	4.61	12.7	0.4	3.1	0.6	213	0.1	1.6	<0.1	95
537119	Drill Core		1.87	17.0	209.5	4.7	37	0.2	11.1	12.4	611	2.36	89.1	0.5	5.5	1.6	156	0.2	19.9	<0.1	29
537120	Drill Core		5.06	5.0	206.3	3.3	54	0.1	46.9	20.5	1435	4.00	9.3	0.4	2.7	0.7	231	<0.1	2.0	<0.1	91

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162B
 Report Date: September 02, 2010

Page: 3 of 4 Part 2

CERTIFICATE OF ANALYSIS

SMI10000381.2

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
537091	Drill Core	2.09	0.052	11	6	0.50	153	0.003	3	0.33	0.085	0.15	0.1	<0.01	2.3	<0.1	0.82	2	1.7	<0.2	
537092	Drill Core	1.93	0.053	11	5	0.58	167	0.004	2	0.24	0.072	0.13	0.1	<0.01	2.5	<0.1	0.73	1	1.2	<0.2	
537093	Drill Core	1.87	0.051	9	9	0.58	292	0.006	2	0.33	0.115	0.15	0.1	<0.01	2.1	<0.1	0.47	2	0.8	<0.2	
537094	Drill Core	1.50	0.049	11	6	0.55	248	0.003	2	0.26	0.080	0.13	0.2	0.01	2.1	<0.1	0.34	2	0.7	<0.2	
537095	Drill Core	1.89	0.058	12	5	0.67	314	0.007	2	0.28	0.078	0.09	0.2	<0.01	2.2	<0.1	0.24	2	0.5	<0.2	
537096	Drill Core	2.21	0.053	10	7	0.72	159	0.006	1	0.22	0.073	0.09	0.3	0.01	1.9	<0.1	0.62	1	1.5	<0.2	
537097	Drill Core	1.73	0.062	10	5	0.36	172	0.007	2	0.29	0.095	0.12	0.2	<0.01	2.1	<0.1	0.46	2	0.7	<0.2	
537098	Drill Core	1.61	0.052	10	5	0.63	123	0.004	1	0.27	0.075	0.14	0.1	<0.01	2.4	<0.1	0.50	1	1.1	<0.2	
537099	Drill Core	2.50	0.057	11	4	0.98	192	0.003	<1	0.24	0.061	0.11	<0.1	<0.01	2.2	<0.1	0.32	1	1.0	<0.2	
537100	Rock	0.50	0.074	11	23	0.50	134	0.103	2	0.98	0.077	0.12	0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2	
537101	Drill Core	1.55	0.060	12	5	0.34	235	0.007	1	0.30	0.095	0.13	0.2	<0.01	2.6	<0.1	0.37	2	0.6	<0.2	
537102	Drill Core	1.60	0.058	12	5	0.34	214	0.011	1	0.32	0.077	0.16	0.2	<0.01	2.0	<0.1	0.49	2	1.3	<0.2	
537103	Drill Core	1.73	0.043	9	5	0.37	189	0.009	1	0.27	0.069	0.11	0.2	<0.01	1.6	<0.1	0.59	2	1.4	<0.2	0.012
537104	Drill Core	1.71	0.048	8	4	0.61	222	0.004	<1	0.20	0.068	0.12	0.1	<0.01	2.1	<0.1	0.63	1	1.5	<0.2	
537105	Drill Core	1.57	0.037	6	6	0.45	188	0.003	2	0.17	0.071	0.08	0.2	0.02	1.7	<0.1	0.61	<1	0.8	<0.2	
537106	Drill Core	1.79	0.051	3	4	0.59	244	0.002	5	0.24	0.068	0.12	<0.1	0.03	1.9	<0.1	0.52	2	1.0	<0.2	
537107	Drill Core	1.69	0.033	3	2	0.56	217	0.001	3	0.23	0.073	0.08	<0.1	0.03	1.8	<0.1	0.65	1	1.4	<0.2	
537108	Drill Core	1.84	0.022	2	6	0.52	241	<0.001	10	0.30	0.063	0.16	<0.1	0.05	1.9	<0.1	0.62	<1	1.1	0.3	
537109	Drill Core	1.68	0.038	2	3	0.56	343	<0.001	10	0.44	0.063	0.23	<0.1	0.03	2.4	<0.1	0.37	2	0.7	<0.2	
537110	Drill Core	2.32	0.023	2	2	0.70	469	<0.001	13	0.44	0.079	0.26	<0.1	0.02	2.1	<0.1	0.30	2	<0.5	<0.2	
537111	Drill Core	1.71	0.075	9	4	0.70	243	0.003	5	0.46	0.079	0.18	<0.1	0.01	3.2	<0.1	0.24	3	1.0	<0.2	
537112	Drill Core	1.12	0.051	11	5	0.41	88	0.002	5	0.34	0.073	0.16	<0.1	<0.01	1.9	<0.1	0.13	2	0.5	<0.2	
537113	Drill Core	1.42	0.057	11	5	0.48	140	0.003	5	0.37	0.077	0.16	<0.1	<0.01	2.0	<0.1	0.30	3	0.7	0.2	
537114	Drill Core	2.03	0.051	6	12	0.72	243	0.002	6	0.30	0.064	0.17	<0.1	0.01	4.2	<0.1	0.37	2	0.9	<0.2	
537115	Drill Core	5.23	0.074	2	62	1.70	129	0.001	18	0.58	0.083	0.36	<0.1	0.04	22.0	<0.1	1.11	3	1.2	<0.2	
537116	Drill Core	4.96	0.067	2	64	1.60	158	<0.001	17	0.64	0.087	0.38	<0.1	0.03	22.9	<0.1	0.99	3	1.5	<0.2	
537117	Drill Core	2.16	0.026	2	5	0.67	238	<0.001	10	0.39	0.080	0.21	<0.1	0.02	3.0	<0.1	0.73	2	0.6	<0.2	
537118	Drill Core	3.67	0.125	4	108	1.85	121	0.033	12	1.22	0.116	0.28	<0.1	0.02	15.6	<0.1	0.81	6	0.9	<0.2	
537119	Drill Core	2.49	0.020	1	11	0.80	215	<0.001	15	0.46	0.072	0.28	<0.1	0.03	5.2	<0.1	0.63	1	0.6	<0.2	
537120	Drill Core	4.82	0.121	5	102	2.09	215	0.030	10	1.16	0.113	0.24	<0.1	0.02	13.8	<0.1	0.69	6	0.6	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162B
 Report Date: September 02, 2010

Page: 4 of 4 Part 1

CERTIFICATE OF ANALYSIS

SMI10000381.2

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
537121	Drill Core	5.76	18.3	355.5	5.1	42	0.3	8.0	6.7	709	2.45	93.2	0.4	4.9	1.6	184	0.1	19.8	<0.1	41
537122	Drill Core	3.83	5.2	137.8	2.9	28	<0.1	4.6	3.1	475	2.04	7.2	1.0	6.0	4.0	123	<0.1	0.4	<0.1	66
537123	Drill Core	4.74	7.7	594.0	2.6	26	0.3	3.8	2.0	341	1.72	9.5	1.0	37.0	4.2	103	<0.1	0.4	<0.1	50
537124	Drill Core	4.82	5.2	84.0	2.1	21	<0.1	3.4	1.5	266	1.40	2.5	0.9	3.9	3.5	101	<0.1	<0.1	<0.1	45
537125	Drill Core	5.09	4.9	241.0	2.9	21	0.2	2.8	2.8	295	1.42	3.4	1.4	8.1	5.0	139	<0.1	<0.1	<0.1	48
537126	Drill Core	5.18	80.5	193.8	3.3	16	0.1	2.9	2.9	211	1.15	5.3	1.1	6.6	5.5	112	<0.1	0.2	<0.1	36
537127	Drill Core	5.22	5.1	650.2	4.2	21	0.3	2.4	2.2	211	1.39	7.6	1.4	28.2	12.5	145	<0.1	0.1	<0.1	44
537128	Drill Core	5.53	6.8	157.4	3.8	26	0.2	2.3	3.2	336	1.58	8.4	1.0	4.8	3.1	127	<0.1	0.2	<0.1	58
537129	Drill Core	4.86	27.1	1029	4.1	28	0.6	4.8	2.9	296	1.76	9.3	1.4	73.9	4.0	128	0.1	<0.1	0.1	60
537130	Rock Pulp	0.10	157.6	1794	23.2	64	2.1	18.1	18.2	378	3.93	27.6	4.5	286.6	10.4	67	0.9	7.4	2.6	59
537131	Drill Core	5.56	19.3	421.6	4.4	35	0.3	4.8	1.8	382	2.19	9.7	1.1	11.0	3.6	129	<0.1	0.1	<0.1	96
537132	Drill Core	7.00	0.7	815.6	1.9	49	0.5	7.5	3.1	563	4.18	13.0	0.6	24.4	1.1	175	0.1	0.2	<0.1	158
537133	Drill Core	2.96	3.6	387.2	3.8	30	0.2	2.4	10.1	336	2.77	16.9	1.3	11.9	4.6	246	<0.1	0.2	<0.1	75
537134	Drill Core	5.22	10.5	749.2	4.4	24	0.4	2.6	7.4	275	2.04	13.2	1.3	22.5	4.3	188	<0.1	<0.1	<0.1	47
537135	Drill Core	4.57	14.8	879.4	4.1	17	0.6	1.4	5.7	176	1.13	6.4	1.9	29.1	5.8	95	0.1	<0.1	<0.1	24
537136	Drill Core	2.96	13.4	598.7	3.2	34	0.3	6.9	13.6	408	2.38	9.1	0.9	24.3	3.9	112	<0.1	0.1	<0.1	66
537137	Drill Core	4.88	3.3	276.8	8.2	35	0.2	4.0	16.6	571	3.75	10.4	0.3	10.9	0.8	306	<0.1	0.2	0.1	125
537138	Drill Core	6.23	2.5	173.7	3.2	28	0.2	3.5	14.4	519	3.58	8.2	0.2	7.4	0.6	294	<0.1	0.3	<0.1	122
537139	Drill Core	5.54	6.0	509.5	2.0	31	0.3	5.2	20.6	558	3.72	6.1	0.3	15.4	0.7	252	<0.1	0.2	<0.1	118
537140	Drill Core	7.42	1.9	458.5	1.7	33	0.2	5.2	17.5	574	3.23	4.7	0.3	13.3	1.0	273	<0.1	0.3	<0.1	103



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162B
 Report Date: September 02, 2010

Page: 4 of 4 Part 2

CERTIFICATE OF ANALYSIS

SMI10000381.2

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
537121	Drill Core	3.33	0.029	3	12	0.98	430	0.001	19	0.62	0.082	0.26	<0.1	0.03	7.4	<0.1	0.34	3	0.8	<0.2	
537122	Drill Core	2.47	0.085	20	30	1.27	114	0.023	9	1.25	0.079	0.19	<0.1	<0.01	6.6	<0.1	0.07	11	<0.5	<0.2	
537123	Drill Core	1.80	0.074	22	14	0.94	97	0.022	9	1.06	0.083	0.20	<0.1	0.01	4.9	<0.1	0.15	9	0.6	<0.2	
537124	Drill Core	1.34	0.074	12	8	0.88	42	0.078	6	1.08	0.102	0.14	0.1	<0.01	3.3	<0.1	0.09	8	<0.5	<0.2	
537125	Drill Core	1.29	0.074	13	29	1.08	33	0.099	4	1.10	0.119	0.13	0.2	<0.01	3.5	<0.1	0.18	8	<0.5	<0.2	
537126	Drill Core	1.00	0.068	19	8	0.74	60	0.073	4	1.07	0.168	0.14	0.2	<0.01	3.1	<0.1	0.13	6	<0.5	<0.2	
537127	Drill Core	1.27	0.075	68	8	0.72	109	0.101	4	1.40	0.176	0.11	0.2	<0.01	3.4	<0.1	0.19	7	0.7	<0.2	
537128	Drill Core	1.98	0.079	13	6	0.98	33	0.128	3	1.36	0.138	0.12	0.3	<0.01	4.3	<0.1	0.14	9	<0.5	<0.2	
537129	Drill Core	1.37	0.058	10	17	0.97	33	0.116	3	1.41	0.145	0.16	<0.1	<0.01	3.6	<0.1	0.34	9	<0.5	<0.2	
537130	Rock Pulp	1.74	0.068	19	71	0.85	100	0.039	7	1.56	0.056	0.54	2.2	0.09	5.3	0.3	1.71	5	1.6	0.4	0.189
537131	Drill Core	1.49	0.076	10	44	1.37	77	0.179	5	1.71	0.169	0.24	0.3	0.01	4.9	<0.1	0.23	12	<0.5	<0.2	
537132	Drill Core	1.61	0.133	5	9	1.66	45	0.246	5	2.37	0.182	0.20	0.3	<0.01	8.0	<0.1	0.34	14	0.6	0.4	
537133	Drill Core	2.04	0.075	9	4	0.90	40	0.115	5	2.36	0.279	0.14	0.1	0.01	3.5	<0.1	0.98	10	1.2	<0.2	
537134	Drill Core	1.59	0.053	8	5	0.64	230	0.054	5	1.53	0.195	0.12	0.3	0.03	2.5	<0.1	0.65	7	<0.5	<0.2	
537135	Drill Core	0.96	0.031	7	6	0.39	216	0.026	5	0.71	0.114	0.10	<0.1	0.01	1.6	<0.1	0.36	4	<0.5	<0.2	
537136	Drill Core	1.29	0.063	8	44	1.05	75	0.126	4	1.41	0.109	0.12	0.2	<0.01	4.7	<0.1	0.38	9	<0.5	<0.2	
537137	Drill Core	2.62	0.141	5	2	1.14	37	0.160	4	2.27	0.198	0.15	0.4	<0.01	5.0	<0.1	0.24	9	<0.5	<0.2	
537138	Drill Core	2.01	0.135	4	2	0.98	31	0.129	8	1.84	0.139	0.13	0.4	<0.01	4.6	<0.1	0.17	7	<0.5	<0.2	
537139	Drill Core	1.92	0.107	3	2	1.11	27	0.139	4	1.80	0.126	0.12	0.4	0.02	4.4	<0.1	0.57	7	0.7	<0.2	
537140	Drill Core	1.69	0.098	3	3	1.31	34	0.142	5	1.88	0.127	0.14	0.4	<0.01	3.4	<0.1	0.30	8	<0.5	<0.2	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162B
 Report Date: September 02, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000381.2

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
Pulp Duplicates																					
537073	Drill Core	0.550	5.69	52.1	5123	73.1	117	6.7	1.5	10.9	1244	2.06	5.5	2.0	279.6	3.8	207	0.4	0.3	0.5	34
REP 537073	QC	0.554																			
537084	Drill Core		4.49	24.6	297.6	25.5	57	0.4	1.1	6.2	744	1.99	3.1	1.0	27.1	3.3	107	0.2	<0.1	0.4	34
REP 537084	QC			25.0	299.7	26.3	58	0.4	1.4	6.5	794	2.03	3.2	1.0	14.5	3.3	106	0.2	<0.1	0.4	34
537096	Drill Core	0.257	4.53	67.4	2390	24.0	64	2.3	1.2	8.5	735	1.93	12.2	1.3	8.7	2.9	233	1.3	0.1	0.2	43
REP 537096	QC	0.257																			
537111	Drill Core		4.69	29.3	994.7	8.2	27	0.6	1.5	3.8	390	1.99	19.7	1.2	22.4	4.3	146	0.1	0.6	<0.1	37
REP 537111	QC			29.8	984.9	8.1	26	0.6	1.4	3.4	393	1.95	19.7	1.1	21.1	4.3	144	0.1	0.6	<0.1	36
Core Reject Duplicates																					
537090	Drill Core		5.18	10.1	432.1	28.9	47	0.4	1.4	5.9	496	1.89	37.6	1.1	2.6	4.6	84	0.3	0.2	0.3	28
DUP 537090	QC			8.7	421.5	30.3	43	0.4	1.5	5.9	488	1.80	34.9	1.0	3.9	4.4	82	0.2	0.2	0.3	28
537125	Drill Core		5.09	4.9	241.0	2.9	21	0.2	2.8	2.8	295	1.42	3.4	1.4	8.1	5.0	139	<0.1	<0.1	<0.1	48
DUP 537125	QC			4.3	219.4	2.6	19	0.1	2.7	2.3	270	1.28	3.2	1.3	5.4	4.2	122	<0.1	<0.1	<0.1	44
Reference Materials																					
STD DS7	Standard			20.3	107.9	71.3	395	1.0	56.4	9.0	640	2.39	53.7	5.3	69.1	5.1	79	6.2	6.5	5.1	84
STD DS7	Standard			19.2	104.6	62.7	361	0.9	48.5	8.4	571	2.17	47.7	4.4	66.5	4.4	71	5.7	5.7	4.4	76
STD DS7	Standard			21.7	115.6	66.9	415	1.2	55.4	10.0	636	2.49	56.5	4.8	75.4	4.7	75	6.8	6.3	4.6	85
STD DS7	Standard			22.7	120.8	68.8	428	1.0	56.6	10.2	654	2.48	57.9	5.1	68.9	4.9	79	6.9	6.5	4.8	84
STD DS7	Standard			20.3	110.0	69.9	401	1.0	55.3	9.2	626	2.39	50.1	4.9	69.3	4.8	69	6.1	6.3	5.0	80
STD DS7	Standard			20.1	104.9	70.7	395	1.0	52.1	9.0	601	2.34	48.9	5.2	69.7	4.5	70	5.9	6.1	4.7	80
STD DS7	Standard			19.8	97.4	70.8	391	1.0	57.4	10.0	657	2.42	54.3	4.3	65.2	4.2	73	5.8	5.5	4.2	84
STD DS7	Standard			21.7	101.3	72.5	399	1.0	59.1	10.4	663	2.47	56.7	4.6	66.1	4.6	76	6.0	5.7	4.3	86
STD DS7	Standard			21.7	105.0	67.7	386	0.9	56.6	9.4	628	2.34	51.9	4.8	70.2	4.7	75	6.0	5.8	4.5	82
STD DS7	Standard			21.5	108.0	69.9	406	1.0	56.0	9.5	662	2.42	52.6	4.7	62.9	4.9	75	6.1	6.1	4.4	85
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXK79	Standard																				

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-162B
Report Date: September 02, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000381.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
Pulp Duplicates																						
537073	Drill Core	1.31	0.046	6	5	0.57	64	0.019	5	1.13	0.134	0.12	0.1	<0.01	1.2	<0.1	0.78	6	2.8	0.5	0.214	
REP 537073	QC																					
537084	Drill Core	2.12	0.055	11	5	0.43	162	0.003	1	0.26	0.083	0.08	<0.1	0.01	1.7	<0.1	0.88	1	1.0	0.2		
REP 537084	QC	2.12	0.055	11	5	0.46	151	0.003	<1	0.26	0.084	0.08	0.1	0.01	1.6	<0.1	0.87	2	1.0	0.3		
537096	Drill Core	2.21	0.053	10	7	0.72	159	0.006	1	0.22	0.073	0.09	0.3	0.01	1.9	<0.1	0.62	1	1.5	<0.2		
REP 537096	QC																					
537111	Drill Core	1.71	0.075	9	4	0.70	243	0.003	5	0.46	0.079	0.18	<0.1	0.01	3.2	<0.1	0.24	3	1.0	<0.2		
REP 537111	QC	1.71	0.074	9	4	0.66	240	0.003	5	0.43	0.078	0.18	<0.1	0.01	3.2	<0.1	0.24	3	0.6	<0.2		
Core Reject Duplicates																						
537090	Drill Core	2.03	0.052	7	5	0.29	177	0.003	4	0.31	0.073	0.17	<0.1	<0.01	2.0	<0.1	0.65	2	1.6	<0.2		
DUP 537090	QC	2.00	0.049	7	4	0.29	211	0.003	4	0.28	0.067	0.15	<0.1	<0.01	1.9	<0.1	0.65	2	1.3	<0.2		
537125	Drill Core	1.29	0.074	13	29	1.08	33	0.099	4	1.10	0.119	0.13	0.2	<0.01	3.5	<0.1	0.18	8	<0.5	<0.2		
DUP 537125	QC	1.09	0.062	12	26	0.96	30	0.090	4	1.03	0.108	0.13	0.2	<0.01	3.1	<0.1	0.15	7	<0.5	<0.2		
Reference Materials																						
STD DS7	Standard	0.96	0.076	13	206	1.07	408	0.129	38	1.08	0.098	0.48	3.6	0.21	2.3	4.1	0.21	5	3.2	1.5		
STD DS7	Standard	0.90	0.069	12	188	0.96	371	0.119	33	0.96	0.091	0.41	3.4	0.20	2.2	3.8	0.19	4	2.5	1.2		
STD DS7	Standard	1.00	0.083	13	208	1.10	406	0.133	39	1.14	0.106	0.46	3.6	0.22	2.6	4.1	0.21	5	2.9	0.9		
STD DS7	Standard	1.01	0.089	14	215	1.09	422	0.135	43	1.15	0.105	0.48	3.7	0.23	2.7	4.0	0.20	5	3.2	1.3		
STD DS7	Standard	0.93	0.074	12	183	1.05	410	0.122	39	1.04	0.092	0.45	3.8	0.20	2.2	4.0	0.20	5	3.5	1.6		
STD DS7	Standard	0.93	0.075	12	175	1.02	379	0.121	39	0.98	0.090	0.45	3.7	0.22	2.1	3.8	0.19	4	2.9	1.3		
STD DS7	Standard	0.98	0.075	13	223	1.07	397	0.111	43	1.06	0.095	0.48	3.8	0.22	2.5	4.3	0.20	5	3.3	1.1		
STD DS7	Standard	1.02	0.077	13	231	1.09	424	0.118	39	1.09	0.100	0.50	3.8	0.22	2.5	4.2	0.20	5	3.2	1.1		
STD DS7	Standard	0.96	0.077	13	186	1.03	393	0.129	37	1.05	0.097	0.45	3.5	0.22	2.5	3.9	0.19	5	3.6	0.6		
STD DS7	Standard	1.01	0.077	14	201	1.05	402	0.133	37	1.10	0.100	0.48	3.5	0.20	2.5	4.2	0.20	5	3.3	2.7		
STD OXH66	Standard																				1.218	
STD OXH66	Standard																					1.301
STD OXH66	Standard																					1.209
STD OXK79	Standard																					3.425

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162B

Report Date: September 02, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000381.2

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
STD OXK79	Standard																				
STD OXK79	Standard																				
STD R4A	Standard	0.516																			
STD R4A	Standard	0.516																			
STD R4A	Standard	0.514																			
STD R4A	Standard	0.515																			
STD R4A Expected		0.502																			
STD OXH66 Expected																					
STD OXK79 Expected																					
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
Prep Wash																					
G1	Prep Blank			0.2	3.2	3.6	49	<0.1	2.7	4.1	557	1.92	<0.5	1.8	3.0	6.4	56	<0.1	<0.1	<0.1	37
G1	Prep Blank			0.7	12.0	3.3	49	<0.1	3.1	4.0	562	2.03	<0.5	2.2	<0.5	5.6	65	<0.1	<0.1	0.1	37



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-162B

Report Date: September 02, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000381.2

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6		
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
STD OXK79	Standard																				3.589	
STD OXK79	Standard																					3.575
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A Expected																						
STD OXH66 Expected																						1.285
STD OXK79 Expected																						3.532
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08		
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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	Prep Blank	0.48	0.074	13	9	0.52	177	0.122	1	0.94	0.088	0.49	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.61	0.075	11	8	0.57	176	0.123	<1	0.96	0.089	0.51	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	0.3		

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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: August 09, 2010
Report Date: August 30, 2010
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI10000382.1

CLIENT JOB INFORMATION

Project: Kwanika-164
Shipment ID: 2010-09
P.O. Number
Number of Samples: 148

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include 7AR, R200-250, 1DX2, and G601.

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-164
 Report Date: August 30, 2010

Page: 2 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000382.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
539065	Drill Core	4.19	3.4	7.7	1.5	11	<0.1	3.0	3.4	255	1.29	5.2	0.8	3.0	1.2	68	<0.1	<0.1	<0.1	28
539066	Drill Core	4.41	18.1	4.9	1.7	13	<0.1	2.3	3.3	281	1.27	3.9	0.7	1.0	1.3	68	<0.1	<0.1	<0.1	27
539067	Drill Core	5.75	15.3	8.0	1.7	13	<0.1	1.5	3.0	255	1.23	5.9	0.4	5.0	1.2	68	<0.1	<0.1	<0.1	27
539068	Drill Core	5.52	16.9	9.0	1.7	18	<0.1	4.9	5.7	375	1.64	20.8	0.5	7.8	1.1	60	<0.1	<0.1	<0.1	47
539069	Drill Core	4.85	12.1	53.0	3.2	20	<0.1	9.1	9.5	522	2.22	64.3	1.2	5.8	2.0	169	<0.1	<0.1	<0.1	57
539070	Drill Core	4.95	4.3	55.9	2.5	21	<0.1	4.3	8.6	601	2.63	16.3	0.7	2.6	1.9	154	<0.1	<0.1	<0.1	69
539071	Drill Core	5.82	31.4	167.3	3.8	23	0.1	2.8	7.6	689	2.43	14.7	0.8	2.9	1.8	188	0.2	<0.1	<0.1	79
539072	Drill Core	4.65	6.6	113.3	4.2	27	<0.1	3.5	9.1	530	2.83	5.2	0.6	3.1	2.6	143	<0.1	<0.1	<0.1	88
539073	Drill Core	4.19	2.4	49.7	6.4	31	<0.1	2.9	8.9	599	2.75	7.0	0.5	1.1	2.1	276	<0.1	<0.1	<0.1	86
539074	Drill Core	4.77	117.0	51.2	19.4	29	0.3	4.6	9.4	704	2.96	13.8	1.0	1.0	1.9	165	0.2	<0.1	0.5	72
539075	Drill Core	1.87	152.6	79.8	26.8	25	0.3	3.4	8.0	689	2.54	6.9	1.0	<0.5	1.7	173	0.2	<0.1	1.2	64
539076	Drill Core	2.15	228.2	67.1	30.9	25	0.5	3.5	9.0	710	2.49	5.8	1.5	1.3	1.6	179	0.4	<0.1	2.0	59
539077	Drill Core	3.87	7.5	172.8	9.0	29	<0.1	3.3	8.9	697	2.77	6.2	0.7	4.5	2.6	203	<0.1	<0.1	<0.1	85
539078	Drill Core	5.05	29.5	52.8	5.2	25	<0.1	3.5	7.9	542	2.69	8.6	0.8	0.7	1.9	144	<0.1	<0.1	<0.1	81
539079	Drill Core	5.16	11.0	20.8	12.2	24	<0.1	3.4	8.2	580	2.82	6.8	0.5	1.3	1.6	83	<0.1	<0.1	<0.1	95
539080	Drill Core	4.42	2.9	28.5	3.4	27	<0.1	3.6	10.7	599	3.12	10.8	0.5	3.5	1.8	108	<0.1	<0.1	<0.1	113
539081	Drill Core	4.34	11.8	65.5	2.6	23	<0.1	3.9	10.5	585	3.07	24.3	0.9	2.2	2.2	123	<0.1	0.2	<0.1	116
539082	Drill Core	4.61	4.3	69.3	1.6	22	<0.1	3.5	10.9	571	3.11	12.9	0.7	1.8	2.5	163	<0.1	0.2	<0.1	100
539083	Drill Core	4.21	2.8	88.8	1.5	26	<0.1	3.8	11.3	639	3.10	7.3	0.8	1.6	1.9	146	<0.1	<0.1	<0.1	108
539084	Drill Core	4.44	6.5	45.6	1.7	23	<0.1	3.5	9.5	739	2.88	7.6	0.9	3.7	2.0	221	<0.1	<0.1	<0.1	100
539085	Drill Core	4.93	12.4	139.0	1.2	17	<0.1	2.7	6.5	738	2.08	6.4	1.2	3.6	1.6	264	<0.1	<0.1	<0.1	78
539086	Drill Core	3.26	1.5	103.5	1.2	31	<0.1	4.2	11.1	582	3.36	9.4	0.6	3.3	2.0	184	<0.1	<0.1	<0.1	114
539087	Drill Core	5.22	3.8	162.8	1.1	24	0.2	4.4	9.4	679	2.73	6.0	0.7	4.3	1.6	216	<0.1	<0.1	<0.1	84
539088	Drill Core	3.60	2.4	252.1	1.0	26	<0.1	3.7	9.4	491	2.93	9.2	0.5	7.7	1.9	158	<0.1	<0.1	<0.1	101
539089	Drill Core	4.61	0.7	728.0	1.5	23	0.2	3.7	7.8	571	2.22	70.7	0.6	20.6	2.0	206	<0.1	<0.1	<0.1	90
539090	Rock Pulp	0.11	147.4	1607	19.8	63	2.0	15.5	16.2	351	3.66	25.5	3.7	170.5	8.7	60	1.0	6.5	2.2	51
539091	Drill Core	4.63	5.3	243.5	1.7	25	0.2	3.4	8.5	652	2.53	15.9	0.6	14.0	2.7	224	<0.1	<0.1	<0.1	80
539092	Drill Core	5.79	8.3	382.7	2.0	27	0.2	3.6	10.2	504	2.72	65.4	0.8	20.3	2.8	147	<0.1	<0.1	<0.1	84
539093	Drill Core	6.24	2.7	443.7	1.2	24	0.2	3.1	7.8	664	2.48	87.8	0.8	23.6	2.4	204	<0.1	<0.1	<0.1	73
539094	Drill Core	5.92	2.5	905.6	1.0	26	0.4	3.8	9.2	611	3.15	84.5	0.9	10.8	2.7	171	<0.1	<0.1	<0.1	115

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-164
 Report Date: August 30, 2010

Page: 2 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000382.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
539065	Drill Core	1.63	0.028	5	4	0.65	37	<0.001	2	0.19	0.070	0.06	0.1	0.01	1.5	<0.1	<0.05	1	<0.5	<0.2	
539066	Drill Core	1.78	0.030	5	5	0.74	31	0.001	2	0.20	0.076	0.06	0.2	<0.01	1.5	<0.1	<0.05	1	<0.5	<0.2	
539067	Drill Core	1.31	0.034	5	2	0.56	37	0.001	2	0.21	0.066	0.06	0.1	<0.01	1.6	<0.1	<0.05	1	<0.5	<0.2	
539068	Drill Core	1.94	0.039	5	10	0.79	68	0.002	3	0.26	0.066	0.07	0.2	0.03	3.9	<0.1	0.09	2	<0.5	<0.2	
539069	Drill Core	2.30	0.049	5	14	1.01	254	<0.001	7	0.41	0.066	0.12	0.1	0.03	6.4	<0.1	0.26	2	<0.5	<0.2	
539070	Drill Core	2.78	0.102	10	3	1.01	86	<0.001	7	0.42	0.071	0.17	0.3	<0.01	6.0	<0.1	0.18	2	<0.5	<0.2	
539071	Drill Core	3.65	0.096	9	2	1.08	41	0.001	4	0.34	0.059	0.13	0.3	0.01	6.3	<0.1	0.06	2	<0.5	<0.2	
539072	Drill Core	2.41	0.111	8	3	1.13	35	<0.001	4	0.51	0.063	0.09	0.2	<0.01	7.4	<0.1	<0.05	2	<0.5	<0.2	
539073	Drill Core	4.85	0.072	8	3	2.05	146	<0.001	3	0.40	0.059	0.06	0.2	<0.01	6.2	<0.1	0.11	2	<0.5	<0.2	
539074	Drill Core	3.41	0.092	14	3	1.43	78	<0.001	7	0.44	0.093	0.15	0.2	0.04	5.7	0.1	0.76	2	1.1	<0.2	
539075	Drill Core	3.13	0.094	15	2	1.31	49	<0.001	6	0.43	0.086	0.13	0.2	0.02	5.5	<0.1	0.79	2	1.3	<0.2	
539076	Drill Core	3.31	0.074	18	3	1.40	48	<0.001	6	0.45	0.092	0.15	0.1	0.03	4.9	<0.1	0.88	2	1.5	<0.2	
539077	Drill Core	3.49	0.100	11	4	1.44	50	0.001	4	0.54	0.081	0.10	0.1	0.01	6.4	<0.1	0.08	2	<0.5	<0.2	
539078	Drill Core	2.66	0.101	8	3	1.12	31	0.001	4	0.37	0.063	0.07	0.1	<0.01	6.7	<0.1	<0.05	2	<0.5	<0.2	
539079	Drill Core	2.14	0.104	8	3	0.96	80	0.002	6	0.45	0.082	0.11	0.1	<0.01	6.6	<0.1	0.08	2	<0.5	<0.2	
539080	Drill Core	2.30	0.105	7	2	1.21	122	0.002	8	0.51	0.080	0.10	<0.1	<0.01	7.4	<0.1	0.17	2	<0.5	<0.2	
539081	Drill Core	2.28	0.132	9	3	1.23	105	0.002	6	0.54	0.080	0.09	<0.1	<0.01	8.3	<0.1	<0.05	3	<0.5	<0.2	
539082	Drill Core	2.05	0.135	12	3	1.23	142	0.004	5	0.62	0.145	0.11	<0.1	<0.01	7.6	<0.1	<0.05	3	<0.5	<0.2	
539083	Drill Core	2.54	0.123	10	2	1.26	157	0.002	6	0.52	0.079	0.10	<0.1	<0.01	7.5	<0.1	<0.05	3	<0.5	<0.2	
539084	Drill Core	3.80	0.109	11	2	1.41	456	0.002	6	0.45	0.078	0.12	<0.1	<0.01	7.2	<0.1	<0.05	3	<0.5	<0.2	
539085	Drill Core	3.52	0.078	9	5	1.13	509	0.001	8	0.51	0.069	0.14	<0.1	<0.01	5.9	<0.1	<0.05	2	<0.5	<0.2	
539086	Drill Core	2.85	0.124	10	2	0.78	48	0.002	8	0.61	0.085	0.11	<0.1	<0.01	8.5	<0.1	<0.05	3	<0.5	<0.2	
539087	Drill Core	3.39	0.110	10	3	1.15	78	0.002	7	0.62	0.096	0.15	0.2	<0.01	7.2	<0.1	<0.05	2	<0.5	<0.2	
539088	Drill Core	2.37	0.115	10	3	0.81	69	0.002	5	0.43	0.073	0.08	<0.1	<0.01	8.1	<0.1	<0.05	2	<0.5	<0.2	
539089	Drill Core	3.42	0.104	9	3	0.92	134	0.002	8	0.55	0.086	0.14	<0.1	<0.01	6.9	<0.1	0.07	2	0.7	<0.2	
539090	Rock Pulp	1.63	0.066	17	67	0.78	67	0.035	5	1.53	0.049	0.54	2.0	0.08	5.3	0.3	1.57	5	2.9	<0.2	0.205
539091	Drill Core	3.68	0.109	11	3	1.11	187	0.002	7	0.59	0.086	0.16	<0.1	<0.01	6.7	<0.1	0.07	2	0.5	<0.2	
539092	Drill Core	2.66	0.100	11	4	1.15	180	0.002	6	0.43	0.074	0.09	<0.1	<0.01	5.8	<0.1	0.21	2	0.7	<0.2	
539093	Drill Core	3.64	0.103	11	3	1.46	140	0.002	6	0.38	0.066	0.08	<0.1	<0.01	5.5	<0.1	0.06	2	0.5	<0.2	
539094	Drill Core	2.42	0.115	12	4	1.22	183	0.002	8	0.53	0.091	0.09	<0.1	<0.01	6.3	<0.1	0.13	3	1.0	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-164
 Report Date: August 30, 2010

Page: 3 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000382.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
539095	Drill Core		4.56	3.7	817.3	1.3	23	0.3	4.2	11.5	566	2.85	179.1	1.4	29.5	3.0	169	<0.1	0.1	<0.1	91
539096	Drill Core		4.53	3.1	375.4	1.1	19	0.1	4.2	6.8	562	2.39	90.0	1.2	11.5	3.6	178	<0.1	<0.1	<0.1	90
539097	Drill Core		4.61	1.5	264.4	1.1	20	0.1	3.1	8.0	452	2.57	9.2	0.8	12.0	3.0	132	<0.1	<0.1	<0.1	82
539098	Drill Core		5.15	4.0	520.1	1.1	19	0.2	3.2	7.0	499	2.20	49.6	0.6	22.0	2.9	118	<0.1	<0.1	<0.1	83
539099	Drill Core		5.98	2.8	116.4	1.1	29	<0.1	2.9	9.6	641	2.87	5.8	0.9	3.8	3.1	176	<0.1	<0.1	<0.1	82
539100	Drill Core		2.68	8.6	193.3	1.1	24	<0.1	2.9	9.3	653	2.71	5.5	0.8	5.1	3.1	149	<0.1	<0.1	<0.1	77
539101	Drill Core		3.45	4.7	307.4	1.4	23	0.2	3.0	8.9	663	2.71	28.3	1.1	10.4	3.1	173	<0.1	<0.1	<0.1	77
539102	Drill Core		6.10	5.1	1052	1.3	24	0.4	3.7	8.7	450	2.77	238.2	0.8	19.7	4.0	126	<0.1	<0.1	<0.1	71
539103	Drill Core		4.75	2.3	101.4	1.3	22	<0.1	2.7	6.7	591	2.33	4.2	0.7	3.1	1.8	149	<0.1	<0.1	<0.1	54
539104	Drill Core		4.73	2.6	416.6	1.5	24	0.2	3.6	11.6	481	3.05	8.7	0.8	7.0	2.9	131	<0.1	<0.1	<0.1	86
539105	Rock Pulp	0.454	0.02	255.8	4260	37.8	141	2.3	21.6	18.4	521	4.28	111.5	0.6	380.6	1.6	31	1.2	6.1	0.6	75
539106	Drill Core		4.52	6.8	363.1	1.2	22	0.1	3.4	9.9	518	2.72	4.2	0.8	11.3	2.6	143	<0.1	<0.1	<0.1	79
539107	Drill Core		4.79	6.7	266.2	1.4	22	0.1	3.0	8.6	937	2.57	19.4	0.8	7.7	2.6	187	<0.1	<0.1	<0.1	67
539108	Drill Core		4.17	5.3	172.9	1.0	24	<0.1	3.0	9.4	581	2.87	8.4	0.7	7.1	3.0	151	<0.1	<0.1	<0.1	84
539109	Drill Core		5.08	12.2	1068	1.2	23	0.5	3.2	8.9	536	2.56	139.8	0.8	55.3	3.0	146	<0.1	<0.1	<0.1	79
539110	Drill Core		4.59	7.6	1068	1.5	21	0.5	3.2	7.5	528	2.67	127.9	0.8	70.4	2.7	150	<0.1	<0.1	<0.1	96
539111	Drill Core		5.01	1.9	223.0	1.0	23	<0.1	3.2	8.1	454	2.96	6.7	0.7	16.8	2.6	151	<0.1	<0.1	<0.1	88
539112	Drill Core		5.04	6.1	260.4	1.6	24	<0.1	3.8	9.3	527	3.02	34.9	1.2	9.4	3.3	202	<0.1	<0.1	<0.1	81
539113	Drill Core		4.13	2.1	211.6	1.4	22	<0.1	3.1	8.8	518	2.91	25.0	1.3	8.1	3.1	223	<0.1	<0.1	<0.1	78
539114	Drill Core		4.58	4.9	225.5	1.4	25	<0.1	3.1	8.7	539	2.75	26.7	1.4	8.4	4.1	195	<0.1	<0.1	<0.1	71
539115	Drill Core		5.96	3.6	274.7	1.3	24	<0.1	3.1	9.7	447	2.69	35.3	2.7	25.1	3.9	209	<0.1	<0.1	<0.1	68
539116	Drill Core		3.70	10.0	240.0	1.1	13	0.1	2.1	5.0	431	1.96	32.4	1.3	31.3	5.2	182	<0.1	<0.1	<0.1	59
539117	Drill Core		4.89	17.2	74.6	1.1	22	<0.1	4.0	12.3	620	3.10	5.4	1.1	5.2	4.2	284	<0.1	<0.1	<0.1	91
539118	Drill Core		4.93	15.0	376.5	1.2	26	0.1	12.1	12.7	634	3.00	48.7	1.3	35.8	5.4	237	<0.1	<0.1	<0.1	71
539119	Drill Core		5.24	4.0	535.6	1.2	18	0.2	2.9	6.9	589	2.57	66.4	0.9	6.3	3.8	166	<0.1	<0.1	<0.1	77
539120	Rock		0.59	0.6	45.8	2.1	50	<0.1	60.8	12.5	466	2.92	10.6	0.4	1.0	2.3	48	0.1	0.3	<0.1	51
539121	Drill Core		5.20	6.9	1412	1.9	22	0.3	3.9	10.1	570	2.98	445.5	1.1	10.9	5.0	159	<0.1	<0.1	<0.1	75
539122	Drill Core		4.53	14.1	202.7	5.2	24	0.2	2.8	9.2	658	2.70	18.3	1.0	14.9	4.2	153	0.2	<0.1	<0.1	73
539123	Drill Core		5.12	91.7	146.4	4.4	18	0.2	2.6	6.4	567	2.35	8.4	1.0	6.0	3.0	164	<0.1	<0.1	0.2	51
539124	Drill Core		4.00	3.4	121.3	1.4	24	<0.1	7.7	13.8	559	3.57	6.8	1.0	5.1	3.5	138	<0.1	<0.1	<0.1	85

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-164
 Report Date: August 30, 2010

Page: 3 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000382.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
539095	Drill Core	2.76	0.095	10	3	1.38	203	0.002	6	0.36	0.065	0.08	<0.1	0.03	5.4	<0.1	0.55	2	1.2	<0.2	
539096	Drill Core	2.80	0.099	13	4	1.31	207	0.004	6	0.42	0.075	0.10	<0.1	<0.01	6.7	<0.1	0.50	2	0.6	<0.2	
539097	Drill Core	2.06	0.094	11	3	1.05	108	0.002	6	0.38	0.065	0.08	<0.1	<0.01	5.5	<0.1	0.14	2	0.6	<0.2	
539098	Drill Core	2.37	0.098	9	5	1.06	96	0.001	5	0.33	0.064	0.09	0.1	0.01	5.7	<0.1	0.07	1	0.5	<0.2	
539099	Drill Core	2.89	0.106	10	3	1.14	42	0.002	5	0.37	0.073	0.06	<0.1	<0.01	6.6	<0.1	<0.05	2	<0.5	<0.2	
539100	Drill Core	2.96	0.105	10	3	1.15	68	0.005	5	0.37	0.073	0.08	0.1	<0.01	6.5	<0.1	0.15	2	<0.5	<0.2	
539101	Drill Core	3.37	0.091	10	2	1.27	90	0.001	5	0.40	0.069	0.08	<0.1	<0.01	6.0	<0.1	0.12	2	0.6	<0.2	
539102	Drill Core	2.15	0.103	10	3	0.73	55	0.001	5	0.37	0.069	0.09	0.1	0.02	5.8	<0.1	0.39	2	1.1	<0.2	
539103	Drill Core	2.86	0.078	9	3	1.05	68	0.002	4	0.30	0.066	0.08	0.1	<0.01	4.4	<0.1	0.11	1	<0.5	<0.2	
539104	Drill Core	2.37	0.104	9	3	0.96	46	0.002	6	0.39	0.073	0.08	0.1	<0.01	6.3	<0.1	0.60	2	0.9	<0.2	
539105	Rock Pulp	0.42	0.101	9	29	0.62	36	0.051	2	1.00	0.022	0.57	1.3	0.10	5.4	0.5	2.35	4	6.9	0.7	0.423
539106	Drill Core	2.50	0.092	8	3	1.13	38	0.001	5	0.34	0.071	0.07	0.1	<0.01	5.7	<0.1	0.46	1	<0.5	<0.2	
539107	Drill Core	5.52	0.078	9	2	1.97	74	0.001	4	0.31	0.068	0.09	0.1	<0.01	5.2	<0.1	0.18	1	0.5	<0.2	
539108	Drill Core	2.95	0.103	10	2	1.23	51	0.002	5	0.40	0.076	0.08	0.2	<0.01	6.3	<0.1	0.11	2	<0.5	<0.2	
539109	Drill Core	2.66	0.100	10	3	1.18	55	0.002	5	0.38	0.077	0.10	0.1	0.02	5.9	<0.1	0.23	2	0.5	0.5	
539110	Drill Core	2.97	0.109	11	3	1.15	58	0.001	5	0.38	0.071	0.09	0.1	0.02	6.3	<0.1	0.27	1	0.9	<0.2	
539111	Drill Core	2.49	0.110	10	4	1.12	46	0.002	5	0.43	0.076	0.08	0.1	<0.01	7.0	<0.1	0.30	2	<0.5	<0.2	
539112	Drill Core	2.56	0.115	11	<1	1.25	183	0.002	8	0.40	0.075	0.09	0.3	<0.01	6.4	<0.1	0.29	2	<0.5	<0.2	
539113	Drill Core	2.65	0.095	10	4	1.27	367	0.004	8	0.41	0.085	0.10	0.1	<0.01	5.5	<0.1	0.16	2	<0.5	<0.2	
539114	Drill Core	2.63	0.108	12	2	0.95	115	0.002	7	0.35	0.068	0.09	0.2	<0.01	6.1	<0.1	0.09	2	<0.5	<0.2	
539115	Drill Core	2.35	0.096	10	3	0.89	237	0.001	6	0.41	0.083	0.11	<0.1	0.01	5.1	<0.1	0.29	2	<0.5	<0.2	
539116	Drill Core	2.19	0.092	12	2	0.75	205	0.001	8	0.49	0.087	0.15	<0.1	<0.01	5.4	<0.1	0.09	2	<0.5	<0.2	
539117	Drill Core	3.25	0.111	11	2	1.18	107	0.004	8	0.61	0.090	0.20	<0.1	<0.01	7.8	<0.1	<0.05	3	<0.5	0.3	
539118	Drill Core	3.58	0.096	10	25	1.13	374	0.003	9	0.53	0.073	0.18	<0.1	<0.01	6.9	<0.1	0.05	2	<0.5	<0.2	
539119	Drill Core	2.56	0.105	12	3	0.87	132	0.004	8	0.37	0.071	0.11	<0.1	<0.01	6.5	<0.1	0.06	2	<0.5	<0.2	
539120	Rock	0.68	0.085	11	35	1.06	128	0.113	2	1.09	0.091	0.12	<0.1	0.07	2.9	<0.1	<0.05	4	<0.5	<0.2	
539121	Drill Core	2.66	0.091	12	3	0.89	176	0.002	9	0.58	0.088	0.16	<0.1	<0.01	5.5	<0.1	0.17	2	1.1	<0.2	
539122	Drill Core	3.36	0.081	10	2	1.12	503	0.002	6	0.41	0.062	0.15	0.1	<0.01	4.9	<0.1	0.22	1	0.6	0.4	
539123	Drill Core	3.95	0.063	10	3	1.14	654	0.001	6	0.45	0.061	0.13	<0.1	<0.01	3.7	<0.1	0.13	2	<0.5	<0.2	
539124	Drill Core	2.68	0.113	10	15	1.11	183	0.010	10	0.78	0.086	0.28	<0.1	<0.01	7.8	<0.1	0.09	4	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-164
 Report Date: August 30, 2010

Page: 4 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000382.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
539125	Drill Core		5.37	9.4	125.4	2.5	34	0.1	17.0	22.0	722	5.24	8.3	1.2	21.1	1.9	209	<0.1	<0.1	0.1	108
539126	Drill Core		4.73	1.1	104.0	1.8	25	<0.1	15.3	11.9	669	3.07	8.3	1.5	4.4	5.3	198	<0.1	<0.1	<0.1	79
539127	Drill Core		5.07	1.9	87.5	29.3	28	<0.1	6.5	12.5	753	3.24	7.7	0.9	3.1	3.1	261	<0.1	<0.1	0.3	91
539128	Drill Core		2.91	4.9	111.2	8.7	31	<0.1	9.0	15.7	901	3.69	7.8	0.7	3.4	1.9	326	<0.1	<0.1	<0.1	99
539129	Drill Core		5.51	8.9	286.8	3.1	32	0.1	5.0	14.4	835	3.69	5.8	0.5	10.0	2.4	203	<0.1	0.1	<0.1	97
539130	Drill Core		3.48	6.6	265.8	9.3	52	0.1	13.5	21.7	1043	4.20	8.7	1.0	6.6	1.8	300	<0.1	0.2	0.1	111
539131	Drill Core		4.12	3.5	109.1	4.1	32	<0.1	10.4	10.0	837	2.33	9.4	0.8	4.3	1.6	208	<0.1	0.3	<0.1	41
539132	Drill Core		3.03	3.0	28.2	4.7	32	<0.1	11.1	9.6	698	2.23	6.3	1.6	1.2	1.7	194	<0.1	0.3	<0.1	37
539133	Drill Core		3.21	4.1	65.6	6.1	35	<0.1	12.8	12.9	846	2.79	5.2	0.7	5.7	1.4	276	<0.1	0.2	<0.1	65
539134	Drill Core		3.84	1.5	60.4	6.8	43	<0.1	10.6	17.0	892	3.77	5.6	0.6	5.7	1.5	282	<0.1	0.2	<0.1	89
539135	Drill Core		1.29	2.0	82.1	4.1	38	<0.1	9.5	15.0	982	3.12	5.2	0.7	3.9	1.5	269	<0.1	0.2	<0.1	87
539136	Drill Core		0.88	1.8	94.4	4.0	40	<0.1	8.4	14.5	928	2.93	5.9	0.7	4.4	1.5	254	0.1	0.2	<0.1	83
539137	Drill Core		4.14	15.3	100.8	12.3	39	0.1	11.7	14.3	927	2.91	6.5	0.7	3.6	1.5	262	0.1	0.2	0.2	66
539138	Drill Core		2.74	4.0	93.8	28.9	47	0.1	16.1	18.7	1006	3.60	6.1	0.6	2.7	1.3	276	<0.1	0.2	0.3	95
539139	Drill Core		3.50	1.3	90.8	21.6	50	<0.1	14.9	19.2	1013	3.81	5.9	0.5	2.1	1.1	243	<0.1	0.1	0.1	114
539140	Drill Core		2.43	6.9	298.8	23.6	58	0.4	13.8	22.6	1046	4.94	81.2	0.8	5.9	1.6	208	0.2	0.7	0.6	111
539141	Drill Core		3.54	9.5	574.9	10.2	63	0.5	9.9	18.7	842	5.39	88.7	0.6	7.0	1.9	64	0.1	0.4	0.4	173
539142	Drill Core		3.60	4.8	528.5	11.7	66	0.5	10.3	16.8	1007	5.54	101.7	1.5	13.2	1.1	113	0.1	0.5	0.4	212
539143	Drill Core		3.56	19.8	1082	7.7	52	0.9	13.0	22.2	661	6.38	326.0	0.8	36.3	1.2	88	0.1	2.2	0.6	161
539144	Drill Core		3.51	4.7	631.4	36.3	49	0.7	12.8	18.6	897	5.45	162.0	0.7	19.4	1.2	185	0.2	1.6	0.8	123
539145	Drill Core		3.61	4.2	268.7	32.2	47	0.4	9.9	13.9	873	5.42	29.1	0.5	4.0	1.2	177	<0.1	0.6	0.9	110
539146	Drill Core		2.10	21.3	826.2	13.2	46	0.7	10.4	18.7	854	5.94	160.5	0.6	16.5	1.3	169	0.2	1.3	0.9	122
539147	Drill Core		4.61	13.1	579.3	7.9	43	0.5	7.3	17.4	625	3.41	207.3	2.9	11.8	4.4	79	0.1	2.3	0.2	70
539148	Drill Core		3.98	10.6	1110	12.1	54	0.8	18.9	23.2	564	4.79	397.9	3.2	18.3	3.7	87	0.2	4.1	0.2	73
539149	Drill Core		4.63	32.5	1234	6.5	41	0.8	10.9	16.8	490	3.27	449.4	3.4	28.6	5.4	68	0.2	3.0	0.3	63
539150	Rock Pulp		0.08	156.5	1703	21.3	63	2.1	17.4	17.1	362	3.86	26.4	4.1	174.1	9.4	65	1.0	7.4	2.4	55
539151	Drill Core	0.301	1.89	46.8	2956	11.0	49	2.0	20.3	24.0	419	4.57	1071	3.5	49.3	4.8	71	0.3	6.7	0.4	67
539152	Drill Core		3.50	9.5	613.4	5.7	41	0.5	8.0	12.2	569	3.15	191.2	2.1	21.3	4.3	75	<0.1	1.2	0.2	84
539153	Drill Core		6.24	5.3	311.8	6.1	54	0.3	11.0	25.2	1132	5.13	16.2	0.6	7.3	1.5	113	<0.1	0.5	0.2	173
539154	Drill Core		5.02	54.5	630.5	7.8	54	0.6	15.4	16.5	862	3.49	162.1	1.7	22.8	3.8	92	0.1	1.3	0.1	121

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-164
 Report Date: August 30, 2010

Page: 4 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000382.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
539125	Drill Core	4.23	0.136	9	47	1.37	105	0.008	14	0.95	0.111	0.33	<0.1	<0.01	9.0	<0.1	0.14	4	<0.5	0.3	
539126	Drill Core	3.77	0.099	10	36	1.03	184	0.004	10	0.53	0.085	0.15	<0.1	<0.01	7.5	<0.1	<0.05	2	<0.5	<0.2	
539127	Drill Core	4.00	0.107	11	8	0.99	357	0.004	11	0.71	0.102	0.22	<0.1	<0.01	6.9	<0.1	<0.05	3	<0.5	<0.2	
539128	Drill Core	5.49	0.123	9	14	1.43	469	0.005	11	0.72	0.086	0.22	<0.1	<0.01	9.1	<0.1	<0.05	2	<0.5	<0.2	
539129	Drill Core	4.88	0.142	8	3	1.43	598	0.002	10	0.85	0.086	0.22	<0.1	<0.01	8.2	<0.1	<0.05	2	<0.5	<0.2	
539130	Drill Core	6.58	0.100	6	8	1.89	1326	0.002	12	0.84	0.076	0.16	<0.1	<0.01	8.4	<0.1	0.07	2	<0.5	<0.2	
539131	Drill Core	3.86	0.063	7	8	1.16	1048	<0.001	13	0.82	0.110	0.29	0.2	0.02	3.8	<0.1	0.06	2	<0.5	<0.2	
539132	Drill Core	3.72	0.060	9	7	0.84	1140	<0.001	15	0.75	0.111	0.27	0.6	0.02	3.4	<0.1	0.06	2	<0.5	<0.2	
539133	Drill Core	5.18	0.085	7	12	0.75	613	<0.001	16	0.67	0.121	0.22	0.3	0.02	6.1	<0.1	0.07	2	<0.5	<0.2	
539134	Drill Core	5.47	0.113	7	11	0.91	456	0.002	16	0.72	0.133	0.26	<0.1	0.02	7.5	<0.1	0.06	2	<0.5	<0.2	
539135	Drill Core	6.61	0.116	8	7	0.95	197	0.004	12	0.64	0.111	0.27	<0.1	<0.01	7.3	<0.1	0.05	3	<0.5	<0.2	
539136	Drill Core	6.55	0.113	8	7	0.94	265	0.003	12	0.60	0.105	0.26	<0.1	<0.01	7.0	<0.1	0.07	2	<0.5	<0.2	
539137	Drill Core	5.95	0.090	7	19	0.86	430	0.001	15	0.55	0.094	0.20	0.1	0.02	6.1	<0.1	0.15	2	<0.5	<0.2	
539138	Drill Core	6.05	0.110	6	33	1.11	568	0.001	16	0.65	0.089	0.22	<0.1	0.01	9.4	<0.1	0.07	2	<0.5	<0.2	
539139	Drill Core	5.65	0.115	7	32	1.78	342	0.002	15	0.62	0.087	0.19	0.1	<0.01	9.8	<0.1	<0.05	2	<0.5	<0.2	
539140	Drill Core	5.30	0.101	7	23	1.74	51	0.002	12	0.62	0.087	0.19	0.2	0.11	9.9	<0.1	1.78	3	1.4	<0.2	
539141	Drill Core	1.88	0.124	4	5	0.97	45	0.008	7	0.48	0.069	0.14	0.1	0.22	16.8	<0.1	2.39	4	1.4	<0.2	
539142	Drill Core	3.34	0.124	4	7	1.42	46	0.003	6	0.58	0.066	0.10	<0.1	0.06	17.7	<0.1	2.55	3	2.0	<0.2	
539143	Drill Core	2.03	0.137	5	4	1.05	27	0.004	5	0.52	0.093	0.15	0.1	0.03	18.8	0.2	4.31	4	3.7	0.5	
539144	Drill Core	4.83	0.126	6	5	1.32	39	0.006	5	0.70	0.167	0.14	0.2	0.05	14.6	0.1	3.18	4	2.8	<0.2	
539145	Drill Core	3.19	0.124	7	5	1.02	39	0.006	7	0.70	0.202	0.17	<0.1	0.02	13.7	0.1	2.50	4	0.7	<0.2	
539146	Drill Core	1.94	0.134	7	5	1.02	34	0.006	6	0.73	0.231	0.13	0.1	0.04	16.2	<0.1	3.36	5	2.3	<0.2	
539147	Drill Core	1.81	0.076	9	5	0.88	67	0.003	4	0.43	0.079	0.12	0.1	0.07	5.8	<0.1	1.93	2	1.9	<0.2	
539148	Drill Core	1.99	0.076	7	8	0.98	32	0.002	5	0.38	0.063	0.12	0.1	0.15	4.9	0.3	3.66	2	4.6	<0.2	
539149	Drill Core	1.86	0.071	9	9	0.96	30	0.002	4	0.38	0.056	0.10	0.1	0.05	4.2	<0.1	2.19	2	3.3	<0.2	
539150	Rock Pulp	1.72	0.074	17	66	0.81	87	0.037	7	1.50	0.054	0.59	2.1	0.08	5.1	0.3	1.65	5	2.9	0.2	0.215
539151	Drill Core	2.24	0.065	5	9	0.98	43	0.001	5	0.40	0.056	0.15	0.1	0.16	4.3	0.3	3.76	2	5.1	<0.2	
539152	Drill Core	2.00	0.089	8	8	1.02	35	0.004	5	0.38	0.062	0.11	<0.1	0.11	6.3	<0.1	1.09	2	1.5	<0.2	
539153	Drill Core	2.27	0.145	6	5	1.31	42	0.004	5	0.67	0.141	0.13	0.1	0.02	18.0	<0.1	0.75	4	0.7	<0.2	
539154	Drill Core	2.46	0.108	9	10	1.40	48	0.005	5	0.48	0.080	0.12	0.1	0.02	12.1	<0.1	0.52	3	0.8	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-164
 Report Date: August 30, 2010

Page: 5 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000382.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
539155	Drill Core		5.24	42.8	563.4	6.2	42	0.4	30.6	8.9	610	2.20	145.9	1.8	17.4	5.5	84	0.1	0.6	<0.1	62
539156	Drill Core		5.02	29.6	972.6	8.8	62	0.9	26.1	16.7	779	3.12	343.1	2.6	28.9	4.7	85	0.1	1.0	0.2	81
539157	Drill Core		4.45	33.8	1585	6.7	54	1.9	11.6	10.3	595	3.13	351.3	1.9	116.6	6.0	55	0.2	0.8	0.3	65
539158	Drill Core		4.93	98.8	636.9	4.9	55	0.6	12.1	6.2	656	2.19	244.5	2.6	24.8	4.5	65	0.2	0.7	0.1	80
539159	Drill Core		5.17	104.8	974.7	6.5	61	0.8	22.6	16.0	687	2.41	345.5	4.0	33.3	3.7	76	0.2	0.9	<0.1	74
539160	Drill Core		4.88	60.9	1270	4.9	43	0.9	9.4	8.1	543	2.55	386.6	4.4	60.4	4.4	75	0.2	1.5	0.2	67
539161	Drill Core		5.64	20.6	1602	2.5	35	1.1	3.3	10.3	449	4.21	386.4	2.0	55.4	4.0	47	0.1	1.6	0.3	38
539162	Drill Core		4.79	31.0	1155	5.2	44	0.9	12.2	9.7	632	3.01	363.3	1.9	44.0	4.6	73	<0.1	3.4	0.3	51
539163	Drill Core	0.949	5.35	58.4	9374	8.1	121	7.1	10.8	14.6	607	4.80	766.1	1.6	176.4	4.2	59	0.9	10.3	0.6	39
539164	Drill Core		4.97	28.9	1148	8.4	67	1.0	9.0	11.9	844	3.55	356.9	2.5	45.2	2.7	107	0.3	27.4	0.6	44
539165	Rock Pulp	0.460	0.10	246.8	4320	41.1	141	2.3	22.4	18.6	492	4.25	110.0	0.6	370.6	1.8	34	1.2	6.8	0.6	80
539166	Drill Core	0.252	5.13	16.2	2405	5.4	72	1.9	5.4	16.1	814	5.19	396.7	2.0	88.3	3.9	84	0.2	3.6	0.4	90
539167	Drill Core	0.229	5.30	16.0	2114	7.7	88	2.1	12.9	19.3	1002	4.26	569.3	2.3	62.2	2.7	95	0.3	3.6	0.3	87
539168	Drill Core	0.220	5.24	30.4	2056	13.4	90	1.8	8.7	16.5	739	4.55	583.3	1.6	33.5	3.2	68	0.9	7.9	0.4	84
539169	Drill Core	0.262	5.11	26.7	2398	6.6	67	1.6	3.7	10.9	586	3.42	695.9	3.2	62.3	3.5	48	0.3	2.5	0.2	94
539170	Drill Core		5.66	9.8	838.6	5.2	66	0.6	12.9	13.9	734	3.69	297.0	3.7	33.5	2.1	94	<0.1	1.3	0.2	91
539171	Drill Core		3.19	16.5	986.6	7.6	44	0.8	11.9	16.2	548	3.42	350.8	2.5	21.9	3.1	118	0.1	1.4	0.2	75
539172	Drill Core		3.93	11.6	719.8	5.3	51	0.5	11.6	13.3	760	2.98	249.8	1.9	28.0	3.1	132	0.1	0.7	0.2	70
539173	Drill Core		4.50	16.4	1071	6.1	36	0.7	8.2	14.2	373	2.66	409.3	2.3	26.1	3.2	127	0.1	0.9	0.1	58
539174	Drill Core	0.221	5.11	31.3	2048	10.6	51	1.5	22.8	20.2	665	3.62	690.3	2.5	71.6	3.4	154	0.3	1.3	0.3	94
539175	Drill Core		5.27	17.8	1262	7.8	44	0.9	10.6	15.9	536	3.10	394.0	1.7	28.1	4.3	146	0.1	0.8	0.2	66
539176	Drill Core		4.39	3.5	732.1	130.4	39	0.7	5.7	14.6	378	2.79	122.6	1.7	20.3	6.3	128	0.1	0.4	1.5	59
539177	Drill Core	0.220	3.93	9.9	2034	5.7	36	1.3	15.9	19.0	366	2.96	302.0	1.9	43.3	5.9	128	0.2	0.8	0.1	54
539178	Drill Core		4.98	10.7	700.8	5.2	39	0.4	11.5	9.3	484	2.70	179.6	1.7	22.7	4.6	149	<0.1	0.5	0.1	66
539179	Drill Core		4.47	6.3	726.3	5.8	38	0.5	6.8	12.1	470	2.92	204.3	2.1	28.5	4.6	185	<0.1	0.7	0.1	74
539180	Rock		0.61	0.8	33.2	3.1	34	<0.1	55.6	7.8	257	1.92	4.6	0.7	1.1	3.2	47	0.1	0.3	<0.1	42
539181	Drill Core		4.06	10.9	783.6	6.2	40	0.5	7.0	12.2	459	2.88	274.0	2.4	25.8	4.1	127	0.1	0.8	<0.1	67
539182	Drill Core		5.92	8.2	1265	10.3	37	1.0	7.5	10.8	429	2.71	355.6	2.5	55.7	4.6	147	0.1	1.0	<0.1	63
539183	Drill Core		4.47	12.4	698.9	10.3	45	0.5	21.0	13.6	553	2.73	200.3	2.2	15.3	4.9	193	0.1	0.6	0.2	73
539184	Drill Core		2.58	9.3	1076	8.0	64	0.8	16.4	13.3	602	2.86	402.5	3.3	24.5	4.0	185	0.2	1.0	0.2	89

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-164
 Report Date: August 30, 2010

Page: 5 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000382.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
539155	Drill Core	1.86	0.078	11	28	1.08	97	0.003	13	0.42	0.090	0.12	0.1	0.02	5.4	<0.1	0.42	3	0.6	<0.2
539156	Drill Core	2.47	0.070	10	32	1.42	55	0.002	4	0.41	0.057	0.10	<0.1	0.09	5.6	<0.1	1.07	2	1.9	<0.2
539157	Drill Core	1.37	0.075	11	6	0.89	65	0.004	4	0.38	0.057	0.15	0.1	0.03	4.2	<0.1	1.27	3	2.3	0.4 0.114
539158	Drill Core	1.98	0.068	8	14	1.06	40	0.002	4	0.39	0.064	0.11	<0.1	0.09	5.0	<0.1	0.41	2	1.0	<0.2
539159	Drill Core	2.47	0.073	7	17	1.29	40	0.001	3	0.34	0.054	0.10	<0.1	0.10	5.2	0.1	0.65	2	1.1	<0.2
539160	Drill Core	2.62	0.063	7	6	1.29	50	0.002	4	0.46	0.059	0.15	<0.1	0.04	4.3	0.2	1.02	2	2.0	<0.2
539161	Drill Core	1.33	0.052	8	2	0.76	29	0.003	6	0.43	0.046	0.19	0.2	0.03	1.9	0.1	2.88	3	2.5	<0.2
539162	Drill Core	1.68	0.078	8	13	0.92	73	0.003	10	0.64	0.077	0.28	0.1	0.03	4.2	0.1	1.45	4	2.0	<0.2
539163	Drill Core	1.92	0.061	7	8	0.68	38	0.001	7	0.44	0.058	0.23	0.2	0.07	2.9	0.2	3.17	2	3.5	<0.2 0.218
539164	Drill Core	4.05	0.063	6	5	1.00	52	0.002	12	0.60	0.072	0.28	<0.1	0.09	4.8	0.1	2.11	2	2.1	<0.2
539165	Rock Pulp	0.44	0.106	10	32	0.61	40	0.057	4	1.09	0.027	0.63	1.1	0.10	5.7	0.4	2.22	4	7.7	1.0 0.468
539166	Drill Core	1.40	0.090	12	3	0.80	48	0.013	9	0.80	0.092	0.35	0.2	0.04	7.9	0.2	2.89	5	2.9	0.8
539167	Drill Core	2.29	0.092	8	41	1.26	30	0.002	7	0.46	0.061	0.16	0.1	0.11	10.7	0.1	1.80	2	2.8	<0.2
539168	Drill Core	1.36	0.080	7	7	0.93	22	0.001	8	0.43	0.058	0.16	0.2	0.07	6.2	0.1	1.91	2	3.2	<0.2
539169	Drill Core	1.77	0.084	7	3	0.97	35	0.002	4	0.32	0.060	0.11	0.1	0.03	6.4	<0.1	1.54	2	2.2	0.3
539170	Drill Core	1.94	0.090	5	13	1.15	27	0.001	5	0.43	0.061	0.12	0.1	0.02	7.8	<0.1	1.53	2	3.0	<0.2
539171	Drill Core	2.20	0.059	5	7	1.08	26	0.002	4	0.33	0.058	0.11	<0.1	0.04	4.8	<0.1	1.93	2	3.3	<0.2
539172	Drill Core	1.99	0.078	6	19	1.00	30	0.002	6	0.41	0.067	0.12	<0.1	0.04	6.7	<0.1	1.23	2	2.4	<0.2
539173	Drill Core	1.80	0.073	6	8	0.82	68	0.002	3	0.39	0.063	0.13	<0.1	0.04	4.5	<0.1	1.38	2	2.6	0.3
539174	Drill Core	2.62	0.077	7	45	1.19	48	0.002	5	0.42	0.063	0.12	0.1	0.05	8.1	<0.1	1.81	2	3.4	<0.2
539175	Drill Core	1.99	0.075	9	18	1.02	35	0.003	4	0.38	0.072	0.15	0.1	0.08	5.4	<0.1	1.42	2	2.5	<0.2
539176	Drill Core	1.58	0.082	11	5	0.79	40	0.003	3	0.46	0.122	0.16	<0.1	0.05	4.6	<0.1	1.22	3	2.6	<0.2
539177	Drill Core	1.48	0.069	14	4	0.85	49	0.002	2	0.34	0.100	0.12	0.1	0.05	4.4	0.1	1.63	2	3.1	<0.2
539178	Drill Core	1.85	0.077	10	8	1.05	56	0.002	4	0.43	0.092	0.13	<0.1	0.04	4.9	<0.1	1.09	3	1.9	<0.2
539179	Drill Core	2.15	0.065	11	4	1.23	34	0.002	4	0.36	0.063	0.09	<0.1	0.03	4.2	<0.1	1.21	2	2.3	<0.2
539180	Rock	0.64	0.063	10	55	0.90	90	0.085	2	0.93	0.064	0.11	<0.1	<0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
539181	Drill Core	1.46	0.062	8	5	1.08	32	0.001	4	0.35	0.059	0.10	<0.1	0.15	4.7	<0.1	1.21	2	2.6	<0.2
539182	Drill Core	1.48	0.066	8	6	0.98	43	0.002	2	0.46	0.071	0.13	<0.1	0.22	3.9	<0.1	1.23	2	2.0	<0.2
539183	Drill Core	1.96	0.072	9	37	1.15	33	0.002	4	0.36	0.071	0.10	<0.1	0.14	4.7	<0.1	1.07	2	2.0	<0.2
539184	Drill Core	2.24	0.070	7	22	1.24	47	0.001	3	0.41	0.067	0.12	<0.1	0.27	5.5	<0.1	1.10	2	1.6	<0.2

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-164
 Report Date: August 30, 2010

Page: 6 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000382.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
539185	Drill Core	4.02	21.3	1904	5.7	62	1.6	8.7	11.6	498	3.14	717.3	3.3	64.8	3.5	135	0.2	1.7	0.4	66	
539186	Drill Core	6.57	13.7	1155	5.4	49	0.8	12.1	13.9	525	3.33	437.4	3.8	41.0	2.9	150	0.1	1.0	0.2	78	
539187	Drill Core	6.03	37.5	1035	3.2	37	0.8	26.3	15.4	329	3.71	352.8	2.5	25.6	2.2	108	0.1	1.7	0.3	47	
539188	Drill Core	0.316	4.53	52.4	2974	4.9	59	2.6	4.0	3.9	361	2.41	1173	1.7	70.7	1.4	76	0.3	1.6	0.2	50
539189	Drill Core	4.86	100.1	1305	3.1	50	0.9	2.3	3.1	398	2.07	501.3	1.7	27.3	1.3	63	0.2	0.9	0.2	57	
539190	Drill Core	4.86	24.6	915.0	5.1	54	0.7	2.3	2.4	303	1.93	382.3	2.3	14.9	1.4	55	0.4	1.2	0.2	43	
539191	Drill Core	4.70	37.3	769.6	3.3	44	0.6	2.7	2.9	390	2.25	299.1	1.5	9.1	2.9	68	0.1	0.8	0.2	36	
539192	Drill Core	4.84	28.4	1129	3.7	65	0.9	42.1	11.7	619	3.57	399.8	1.6	22.0	2.9	78	0.2	0.9	0.2	58	
539193	Drill Core	4.10	10.7	573.2	3.0	38	0.4	14.8	8.3	494	2.95	187.3	1.1	13.0	3.3	87	0.1	0.4	0.1	60	
539194	Drill Core	3.49	121.7	1733	6.3	47	1.2	28.1	11.2	497	3.37	631.2	3.2	67.1	3.3	93	0.2	1.1	0.2	60	
539195	Drill Core	2.70	21.5	614.6	6.0	35	0.4	12.3	9.2	645	2.67	181.7	1.2	14.2	5.7	136	0.1	0.6	0.2	52	
539196	Drill Core	2.17	23.1	822.4	5.9	36	0.5	11.9	9.6	610	2.64	250.9	1.2	15.1	5.8	136	0.1	0.8	0.2	50	
539197	Drill Core	3.46	10.2	85.3	1.5	31	0.1	9.6	10.6	576	2.68	8.9	0.2	2.4	0.7	183	<0.1	0.1	<0.1	77	
539198	Drill Core	5.37	7.9	361.2	1.4	20	0.2	3.0	7.5	500	2.24	5.4	0.4	1.9	1.5	200	<0.1	<0.1	<0.1	70	
539199	Drill Core	4.09	7.4	131.8	2.3	18	0.1	2.7	6.2	447	2.01	11.3	0.5	8.7	1.2	159	<0.1	<0.1	<0.1	52	
539200	Drill Core	4.60	1.3	67.5	2.0	12	<0.1	1.1	3.4	285	1.28	2.7	0.3	1.2	0.9	104	<0.1	<0.1	<0.1	25	
539201	Drill Core	5.90	44.3	982.5	2.1	29	0.5	4.3	12.7	741	2.83	78.7	1.1	21.9	1.7	216	0.1	0.4	<0.1	89	
539202	Drill Core	6.65	1.2	112.2	1.2	44	<0.1	26.1	24.8	1164	5.57	18.2	0.5	4.8	0.6	384	<0.1	0.6	<0.1	168	
539203	Drill Core	5.47	7.2	191.6	1.2	24	<0.1	4.7	10.1	804	2.72	8.6	0.6	21.7	2.1	230	<0.1	0.2	<0.1	82	
539204	Drill Core	5.08	2.8	30.7	1.6	25	<0.1	3.7	9.4	817	2.72	9.5	0.8	8.2	2.8	216	<0.1	0.2	<0.1	84	
539205	Drill Core	4.39	23.1	97.1	6.0	24	0.1	3.6	9.1	724	2.66	7.3	1.0	10.9	1.5	151	<0.1	<0.1	0.3	65	
539206	Drill Core	4.81	3.8	24.6	2.0	24	<0.1	3.5	9.4	704	2.58	5.0	0.6	1.5	2.2	177	<0.1	<0.1	<0.1	66	
539207	Drill Core	5.19	4.0	6.7	1.0	19	<0.1	2.5	7.4	687	2.28	5.5	0.7	<0.5	2.2	178	<0.1	0.1	<0.1	59	
539208	Drill Core	5.01	2.2	19.9	1.2	26	<0.1	3.6	10.0	791	2.78	9.3	0.7	<0.5	2.6	184	<0.1	0.1	<0.1	65	
539209	Drill Core	4.78	4.7	19.7	1.5	21	<0.1	3.7	8.8	843	2.53	6.7	0.8	2.5	2.5	214	<0.1	0.1	<0.1	73	
539210	Rock Pulp	0.10	137.4	1727	22.5	64	1.8	16.4	16.2	352	3.74	26.3	4.1	205.5	9.7	64	0.9	6.2	2.6	46	
539211	Drill Core	5.93	3.0	14.8	1.1	25	<0.1	3.2	9.3	670	2.50	6.6	0.8	<0.5	3.2	189	<0.1	<0.1	<0.1	60	
539212	Drill Core	2.78	4.2	63.3	1.0	23	<0.1	2.5	7.5	650	2.37	8.3	0.6	1.5	3.0	161	<0.1	<0.1	<0.1	64	



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-164
 Report Date: August 30, 2010

Page: 6 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000382.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
539185	Drill Core	1.87	0.063	5	8	1.08	60	0.001	3	0.42	0.066	0.12	<0.1	0.31	3.7	0.1	1.75	2	3.0	<0.2	
539186	Drill Core	2.21	0.056	5	13	1.33	49	0.001	3	0.54	0.066	0.14	<0.1	0.25	5.1	0.2	1.64	2	3.0	<0.2	
539187	Drill Core	1.52	0.051	4	16	0.91	40	0.001	3	0.42	0.046	0.16	0.2	0.08	3.1	0.1	2.80	2	3.3	0.3	
539188	Drill Core	1.41	0.047	4	4	0.71	35	<0.001	4	0.39	0.052	0.12	<0.1	0.03	2.5	0.3	0.75	2	4.0	<0.2	
539189	Drill Core	1.71	0.064	4	5	0.77	40	0.001	2	0.34	0.060	0.12	<0.1	<0.01	2.6	0.1	0.53	1	1.0	0.2	
539190	Drill Core	1.26	0.051	4	3	0.59	47	0.002	3	0.36	0.067	0.15	0.1	<0.01	1.9	0.1	0.57	1	0.8	<0.2	
539191	Drill Core	1.46	0.057	4	3	0.71	29	0.001	3	0.38	0.057	0.13	0.1	0.01	1.8	<0.1	1.08	2	1.1	<0.2	
539192	Drill Core	1.84	0.069	6	32	1.35	53	0.002	6	0.55	0.070	0.19	0.1	0.04	4.3	0.2	1.79	3	3.0	0.3	
539193	Drill Core	1.84	0.057	6	8	1.26	49	0.001	4	0.38	0.058	0.10	<0.1	0.02	3.5	<0.1	1.48	2	1.7	<0.2	
539194	Drill Core	1.88	0.054	7	19	1.15	43	0.001	5	0.44	0.055	0.13	<0.1	0.08	3.6	0.2	2.09	2	2.9	0.3	
539195	Drill Core	2.16	0.056	7	14	0.93	163	<0.001	9	0.55	0.076	0.19	0.1	0.04	3.8	<0.1	0.89	2	1.4	<0.2	
539196	Drill Core	2.13	0.055	7	15	0.92	137	<0.001	11	0.57	0.076	0.18	<0.1	0.04	3.7	<0.1	0.89	2	1.4	<0.2	
539197	Drill Core	1.95	0.016	1	15	0.86	689	<0.001	10	0.64	0.060	0.15	<0.1	0.04	6.8	<0.1	0.10	2	<0.5	<0.2	
539198	Drill Core	2.94	0.053	5	2	1.03	850	<0.001	4	0.70	0.031	0.15	<0.1	0.05	4.9	<0.1	0.12	2	0.6	<0.2	
539199	Drill Core	3.29	0.030	4	2	1.17	503	<0.001	4	0.60	0.031	0.12	<0.1	0.07	3.2	<0.1	0.30	2	<0.5	<0.2	
539200	Drill Core	2.38	0.016	4	2	0.87	604	<0.001	4	0.57	0.029	0.14	<0.1	0.02	1.3	<0.1	0.21	1	<0.5	<0.2	
539201	Drill Core	4.81	0.059	6	3	1.61	346	<0.001	6	0.60	0.033	0.13	<0.1	0.09	5.8	<0.1	0.40	2	1.0	0.4	
539202	Drill Core	6.18	0.101	4	66	2.25	726	0.005	9	0.87	0.064	0.29	<0.1	0.01	25.6	<0.1	0.07	3	<0.5	<0.2	
539203	Drill Core	4.48	0.098	9	3	1.16	851	0.002	7	0.58	0.070	0.13	<0.1	0.04	8.1	<0.1	0.07	2	<0.5	<0.2	
539204	Drill Core	4.93	0.088	10	3	1.42	434	0.004	8	0.66	0.074	0.11	<0.1	0.04	6.6	<0.1	0.06	2	<0.5	<0.2	
539205	Drill Core	4.55	0.108	12	6	1.01	94	0.001	7	0.43	0.078	0.14	<0.1	0.04	6.9	<0.1	0.93	2	1.1	<0.2	
539206	Drill Core	4.47	0.107	9	2	0.93	255	0.002	9	0.55	0.085	0.14	<0.1	<0.01	7.0	<0.1	<0.05	2	<0.5	<0.2	
539207	Drill Core	4.40	0.088	9	2	1.06	721	0.002	7	0.44	0.082	0.12	<0.1	<0.01	5.7	<0.1	<0.05	2	<0.5	<0.2	
539208	Drill Core	4.45	0.097	10	3	0.95	375	0.002	7	0.47	0.074	0.10	<0.1	0.01	6.5	<0.1	<0.05	2	<0.5	<0.2	
539209	Drill Core	4.91	0.099	11	3	1.16	333	0.002	9	0.60	0.083	0.13	<0.1	0.01	6.5	<0.1	<0.05	2	<0.5	<0.2	
539210	Rock Pulp	1.60	0.068	17	62	0.77	54	0.033	4	1.41	0.048	0.49	2.2	0.10	4.9	0.3	1.52	4	2.8	0.4	0.184
539211	Drill Core	3.61	0.082	9	2	0.98	95	0.001	9	0.58	0.087	0.15	<0.1	<0.01	4.7	<0.1	<0.05	2	<0.5	<0.2	
539212	Drill Core	3.38	0.082	9	2	0.77	50	0.001	8	0.54	0.075	0.13	<0.1	0.01	4.9	<0.1	<0.05	2	<0.5	<0.2	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-164
Report Date: August 30, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000382.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																				
539065	Drill Core	4.19	3.4	7.7	1.5	11	<0.1	3.0	3.4	255	1.29	5.2	0.8	3.0	1.2	68	<0.1	<0.1	<0.1	28
REP 539065	QC		3.4	7.9	1.7	11	<0.1	2.9	3.5	261	1.28	5.3	0.8	0.8	1.1	71	<0.1	<0.1	<0.1	28
539126	Drill Core	4.73	1.1	104.0	1.8	25	<0.1	15.3	11.9	669	3.07	8.3	1.5	4.4	5.3	198	<0.1	<0.1	<0.1	79
REP 539126	QC		1.4	106.8	1.9	25	<0.1	14.8	11.7	680	3.06	8.7	1.6	2.7	5.6	204	<0.1	<0.1	<0.1	78
539149	Drill Core	4.63	32.5	1234	6.5	41	0.8	10.9	16.8	490	3.27	449.4	3.4	28.6	5.4	68	0.2	3.0	0.3	63
REP 539149	QC		32.8	1244	6.3	43	0.8	11.5	16.9	532	3.38	453.5	3.3	37.3	5.2	71	<0.1	3.2	0.3	64
539187	Drill Core	6.03	37.5	1035	3.2	37	0.8	26.3	15.4	329	3.71	352.8	2.5	25.6	2.2	108	0.1	1.7	0.3	47
REP 539187	QC		41.2	1050	3.4	38	0.8	27.6	15.8	333	3.80	358.7	2.7	25.7	2.3	116	0.1	1.8	0.3	47
Core Reject Duplicates																				
539071	Drill Core	5.82	31.4	167.3	3.8	23	0.1	2.8	7.6	689	2.43	14.7	0.8	2.9	1.8	188	0.2	<0.1	<0.1	79
DUP 539071	QC		31.6	175.0	4.2	24	0.1	3.3	7.5	666	2.47	14.7	0.7	1.3	1.8	195	<0.1	<0.1	<0.1	81
539106	Drill Core	4.52	6.8	363.1	1.2	22	0.1	3.4	9.9	518	2.72	4.2	0.8	11.3	2.6	143	<0.1	<0.1	<0.1	79
DUP 539106	QC		7.8	367.0	1.2	23	0.2	3.4	10.3	516	2.75	3.9	0.8	10.2	2.7	156	<0.1	<0.1	<0.1	80
539141	Drill Core	3.54	9.5	574.9	10.2	63	0.5	9.9	18.7	842	5.39	88.7	0.6	7.0	1.9	64	0.1	0.4	0.4	173
DUP 539141	QC		10.1	565.6	10.7	64	0.5	9.8	18.1	827	5.24	93.0	0.6	4.8	1.9	65	0.1	0.4	0.4	166
539176	Drill Core	4.39	3.5	732.1	130.4	39	0.7	5.7	14.6	378	2.79	122.6	1.7	20.3	6.3	128	0.1	0.4	1.5	59
DUP 539176	QC		3.6	734.7	169.2	39	0.8	5.5	14.2	380	2.85	122.7	1.7	29.4	6.4	130	0.2	0.4	1.8	61
539211	Drill Core	5.93	3.0	14.8	1.1	25	<0.1	3.2	9.3	670	2.50	6.6	0.8	<0.5	3.2	189	<0.1	<0.1	<0.1	60
DUP 539211	QC		3.2	15.1	1.1	25	<0.1	3.0	8.8	624	2.49	6.3	0.7	<0.5	3.2	184	<0.1	<0.1	<0.1	59
Reference Materials																				
STD DS7	Standard		17.6	98.9	61.6	392	1.0	52.4	8.7	591	2.29	52.1	4.3	62.3	4.2	68	6.0	5.7	4.4	75
STD DS7	Standard		19.2	105.7	63.9	393	0.9	50.2	9.1	639	2.40	51.8	4.6	66.6	4.6	74	6.1	5.9	4.3	79
STD DS7	Standard		20.2	110.2	67.9	402	1.0	55.9	9.9	636	2.43	54.0	4.6	68.2	4.7	73	6.3	5.9	4.7	79
STD DS7	Standard		19.4	107.4	64.3	372	0.9	52.8	8.9	631	2.42	51.4	4.4	63.8	4.3	70	6.4	5.6	4.4	78
STD DS7	Standard		20.2	109.0	68.1	398	1.0	52.0	9.2	629	2.40	52.5	5.0	70.8	4.7	80	6.8	6.2	4.8	83
STD DS7	Standard		19.5	109.8	66.9	403	1.0	51.5	8.8	626	2.38	50.6	5.0	65.5	4.7	78	6.4	6.0	4.6	82
STD DS7	Standard		19.7	105.4	67.9	379	0.9	52.7	9.1	637	2.32	51.5	4.8	63.2	4.7	69	6.2	6.2	5.1	75
STD DS7	Standard		19.9	111.0	67.1	389	1.0	52.0	9.3	623	2.42	50.6	4.7	71.2	4.6	73	6.3	6.2	4.6	82

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-164
Report Date: August 30, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000382.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
MDL		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
Pulp Duplicates																					
539065	Drill Core	1.63	0.028	5	4	0.65	37	<0.001	2	0.19	0.070	0.06	0.1	0.01	1.5	<0.1	<0.05	1	<0.5	<0.2	
REP 539065	QC	1.62	0.028	5	4	0.65	40	0.001	2	0.20	0.072	0.06	<0.1	0.01	1.7	<0.1	<0.05	1	<0.5	<0.2	
539126	Drill Core	3.77	0.099	10	36	1.03	184	0.004	10	0.53	0.085	0.15	<0.1	<0.01	7.5	<0.1	<0.05	2	<0.5	<0.2	
REP 539126	QC	3.64	0.100	10	38	1.05	189	0.006	10	0.55	0.086	0.16	<0.1	<0.01	7.9	<0.1	<0.05	2	<0.5	<0.2	
539149	Drill Core	1.86	0.071	9	9	0.96	30	0.002	4	0.38	0.056	0.10	0.1	0.05	4.2	<0.1	2.19	2	3.3	<0.2	
REP 539149	QC	1.91	0.068	9	9	0.97	31	0.002	3	0.37	0.058	0.10	<0.1	0.04	4.4	0.1	2.25	2	2.9	<0.2	
539187	Drill Core	1.52	0.051	4	16	0.91	40	0.001	3	0.42	0.046	0.16	0.2	0.08	3.1	0.1	2.80	2	3.3	0.3	
REP 539187	QC	1.55	0.054	4	16	0.93	40	0.001	4	0.44	0.047	0.17	0.1	0.08	3.2	0.1	2.79	2	3.8	0.3	
Core Reject Duplicates																					
539071	Drill Core	3.65	0.096	9	2	1.08	41	0.001	4	0.34	0.059	0.13	0.3	0.01	6.3	<0.1	0.06	2	<0.5	<0.2	
DUP 539071	QC	3.61	0.101	9	2	1.00	41	0.001	6	0.36	0.062	0.14	0.2	<0.01	6.3	<0.1	0.07	2	<0.5	<0.2	
539106	Drill Core	2.50	0.092	8	3	1.13	38	0.001	5	0.34	0.071	0.07	0.1	<0.01	5.7	<0.1	0.46	1	<0.5	<0.2	
DUP 539106	QC	2.47	0.094	8	3	1.16	40	0.001	4	0.37	0.075	0.07	<0.1	<0.01	6.3	<0.1	0.44	1	0.5	<0.2	
539141	Drill Core	1.88	0.124	4	5	0.97	45	0.008	7	0.48	0.069	0.14	0.1	0.22	16.8	<0.1	2.39	4	1.4	<0.2	
DUP 539141	QC	1.88	0.119	5	5	0.97	45	0.006	6	0.45	0.068	0.14	<0.1	0.21	16.1	<0.1	2.29	4	1.5	<0.2	
539176	Drill Core	1.58	0.082	11	5	0.79	40	0.003	3	0.46	0.122	0.16	<0.1	0.05	4.6	<0.1	1.22	3	2.6	<0.2	
DUP 539176	QC	1.58	0.087	12	4	0.81	40	0.003	5	0.48	0.122	0.16	0.1	0.05	4.6	<0.1	1.29	3	3.4	0.2	
539211	Drill Core	3.61	0.082	9	2	0.98	95	0.001	9	0.58	0.087	0.15	<0.1	<0.01	4.7	<0.1	<0.05	2	<0.5	<0.2	
DUP 539211	QC	3.49	0.088	9	2	0.98	96	0.001	6	0.51	0.091	0.15	<0.1	0.01	4.6	<0.1	<0.05	2	<0.5	<0.2	
Reference Materials																					
STD DS7	Standard	0.93	0.076	12	190	0.97	366	0.115	35	0.96	0.092	0.43	3.4	0.20	2.4	3.8	0.19	5	2.8	1.3	
STD DS7	Standard	1.01	0.077	14	201	1.04	407	0.126	39	1.08	0.103	0.47	3.6	0.21	2.5	4.0	0.19	5	3.2	1.5	
STD DS7	Standard	0.99	0.078	13	185	1.07	417	0.124	40	1.10	0.098	0.49	3.7	0.22	2.4	4.1	0.19	5	3.0	1.3	
STD DS7	Standard	0.99	0.076	12	170	1.04	407	0.119	38	1.06	0.095	0.49	3.4	0.21	2.4	3.9	0.19	4	3.1	1.2	
STD DS7	Standard	0.98	0.086	13	187	1.07	436	0.127	42	1.07	0.098	0.47	3.7	0.23	2.4	4.3	0.19	5	3.4	1.7	
STD DS7	Standard	1.00	0.083	13	197	1.04	404	0.133	39	1.05	0.099	0.48	3.5	0.22	2.5	4.1	0.19	5	3.5	1.2	
STD DS7	Standard	0.93	0.072	12	178	1.04	399	0.124	40	0.99	0.087	0.47	3.6	0.23	2.1	4.1	0.19	5	3.3	1.6	
STD DS7	Standard	0.97	0.082	13	187	1.04	399	0.126	40	1.04	0.096	0.48	3.7	0.22	2.2	4.2	0.15	5	3.1	1.3	

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-164

Report Date: August 30, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000382.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
STD DS7	Standard			19.1	104.7	64.9	374	1.0	51.4	9.1	627	2.40	50.9	4.8	68.9	4.6	75	6.0	6.2	4.6	82
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD R4A	Standard	0.514																			
STD R4A	Standard	0.515																			
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD R4A Expected		0.502																			
STD OXH66 Expected																					
STD OXK79 Expected																					
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	1.6	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank			<0.1	2.9	3.1	44	<0.1	2.7	3.8	534	1.91	1.2	1.8	4.0	5.2	55	<0.1	<0.1	<0.1	36
G1	Prep Blank			0.1	2.8	3.1	45	<0.1	2.8	4.0	557	1.91	1.4	1.8	1.8	5.1	53	<0.1	<0.1	<0.1	36



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-164
 Report Date: August 30, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000382.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
STD DS7	Standard	0.99	0.078	13	192	1.04	407	0.130	40	1.03	0.095	0.48	3.5	0.23	2.4	4.0	0.17	5	3.3	0.6	
STD OXH66	Standard																				1.301
STD OXH66	Standard																				1.259
STD OXK79	Standard																				3.589
STD OXK79	Standard																				3.527
STD R4A	Standard																				
STD R4A	Standard																				
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08	
STD R4A Expected																					
STD OXH66 Expected																					1.285
STD OXK79 Expected																					3.532
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
Prep Wash																					
G1	Prep Blank	0.63	0.081	11	8	0.61	175	0.112	2	0.90	0.089	0.52	0.4	0.01	2.0	0.3	<0.05	4	<0.5	<0.2	
G1	Prep Blank	0.60	0.086	11	9	0.59	183	0.112	<1	0.86	0.066	0.50	0.4	<0.01	1.9	0.3	<0.05	4	<0.5	<0.2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: August 09, 2010
Report Date: September 06, 2010
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI10000383.1

CLIENT JOB INFORMATION

Project: Kwanika-165
Shipment ID: 2010-09
P.O. Number
Number of Samples: 124

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include 7AR, R200-250, 1DX2, and G601.

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-165
 Report Date: September 06, 2010

Page: 2 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000383.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
537141	Drill Core		2.55	14.4	1238	9.7	76	0.9	3.1	25.3	472	3.80	405.7	11.9	48.5	2.4	95	0.8	0.6	0.1	60
537142	Drill Core		5.17	7.5	159.8	7.6	44	0.2	2.9	10.4	547	2.74	49.1	12.9	5.0	3.3	120	0.1	0.2	0.1	61
537143	Drill Core		5.81	2.4	166.4	10.6	38	0.1	7.5	12.8	560	3.13	21.0	3.2	7.9	5.3	136	<0.1	<0.1	0.2	58
537144	Drill Core		3.97	2.8	107.1	10.6	42	0.1	3.9	9.1	566	2.59	15.9	4.7	3.5	5.2	113	<0.1	0.1	0.1	56
537145	Rock Pulp	0.463	0.24	247.2	4426	43.6	143	2.3	24.7	18.1	491	4.21	105.6	0.7	369.7	1.8	34	1.0	7.1	0.6	78
537146	Drill Core		4.77	11.5	174.2	20.0	29	0.2	4.8	13.0	401	3.54	22.4	8.5	7.4	6.8	67	<0.1	0.1	0.3	59
537147	Drill Core		4.56	15.2	359.3	38.8	47	0.4	4.7	19.2	540	4.10	50.5	4.6	5.8	5.4	77	0.1	0.2	0.6	82
537148	Drill Core		4.19	8.5	266.3	55.3	71	0.4	4.5	8.5	686	2.50	47.8	13.2	6.1	5.9	187	0.3	0.3	0.6	78
537149	Drill Core		6.40	9.8	238.0	24.5	76	0.3	5.4	8.4	745	2.44	57.3	16.8	9.8	5.4	203	0.4	0.2	0.2	69
537150	Drill Core		4.01	2.0	67.9	23.8	113	<0.1	49.6	13.9	1301	3.57	15.2	5.9	8.9	3.0	211	0.3	0.1	0.1	104
537151	Drill Core		5.84	13.9	424.5	48.4	60	0.6	9.0	15.6	735	2.98	88.6	1.9	362.7	4.0	159	0.2	0.2	0.9	69
537152	Drill Core		5.05	17.1	351.6	9.7	56	0.5	4.4	11.1	573	2.72	73.5	1.0	27.4	3.7	97	0.1	0.1	0.2	56
537153	Drill Core		4.45	1.0	229.2	17.2	63	0.2	4.2	8.3	590	2.92	29.2	1.5	2.0	6.0	79	0.2	0.3	0.3	85
537154	Drill Core		4.38	1.2	354.1	15.6	53	0.6	3.1	11.3	472	3.44	56.6	1.7	39.8	6.9	76	0.2	0.2	0.7	61
537155	Drill Core		4.37	1.4	302.7	6.4	61	0.3	3.4	10.8	597	3.55	27.3	1.2	30.9	6.3	75	<0.1	<0.1	0.1	64
537156	Drill Core		4.57	2.6	321.2	15.2	58	0.4	3.6	13.8	584	3.03	63.9	1.9	38.5	8.2	87	0.1	0.4	0.2	69
537157	Drill Core		4.89	5.8	156.8	12.6	47	0.2	3.4	11.9	549	2.96	19.1	1.0	6.4	5.0	98	0.1	<0.1	0.3	56
537158	Drill Core		5.31	1.3	91.4	6.6	46	0.1	2.5	6.9	530	2.49	6.7	1.1	4.8	4.7	120	<0.1	<0.1	<0.1	54
537159	Drill Core		2.95	2.6	152.7	8.1	53	0.2	2.6	8.9	534	2.80	8.5	0.9	8.0	5.3	71	<0.1	<0.1	0.1	54
537160	Rock		0.58	0.9	29.4	3.0	47	<0.1	29.5	8.6	355	2.10	5.8	0.5	<0.5	2.8	37	0.1	0.4	<0.1	40
537161	Drill Core		4.60	2.0	161.6	8.9	47	0.2	2.7	7.6	542	2.71	16.4	0.9	4.5	4.5	78	<0.1	0.2	0.1	53
537162	Drill Core		4.58	2.7	355.9	8.5	58	0.2	2.9	7.6	478	2.40	87.0	1.9	8.7	5.1	103	0.2	0.5	0.1	46
537163	Drill Core		4.92	25.2	1021	10.1	87	0.7	2.6	13.3	688	2.69	158.4	1.8	15.0	6.0	128	0.4	0.2	0.1	58
537164	Drill Core		4.24	11.3	934.5	10.0	100	0.6	3.3	19.9	739	3.35	211.7	2.1	23.6	4.8	119	0.2	0.1	0.2	52
537165	Drill Core		3.21	31.6	1619	17.1	210	1.1	4.2	31.2	774	4.29	286.1	4.4	33.9	5.3	137	1.0	<0.1	0.4	58
537166	Drill Core		3.87	28.5	1528	13.6	169	1.1	3.6	25.7	636	3.63	212.5	3.1	42.4	4.7	117	0.6	0.1	0.4	54
537167	Drill Core		4.97	15.8	939.3	26.6	168	0.8	3.8	17.6	532	2.85	144.9	3.0	24.6	5.4	131	0.9	<0.1	0.3	44
537168	Drill Core		5.15	15.6	868.2	36.4	652	0.9	3.2	13.6	536	2.52	131.4	2.1	24.9	5.0	93	4.0	0.1	0.2	42
537169	Drill Core		4.03	27.0	1056	133.0	926	1.4	3.9	33.1	748	3.86	198.3	1.9	37.4	4.8	97	5.0	<0.1	0.8	55
537170	Drill Core		5.47	14.4	415.5	18.0	153	0.4	3.1	11.8	794	3.28	111.5	1.8	17.6	5.3	120	0.3	<0.1	0.2	55

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-165
 Report Date: September 06, 2010

Page: 2 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000383.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
537141	Drill Core	2.16	0.091	6	2	0.94	43	0.002	5	0.29	0.031	0.12	0.2	0.04	4.3	0.3	0.83	2	1.0	<0.2	
537142	Drill Core	3.16	0.048	7	2	1.22	37	0.003	2	0.27	0.041	0.11	<0.1	0.01	4.6	0.1	0.98	2	0.9	<0.2	
537143	Drill Core	2.24	0.085	11	8	0.91	46	0.005	2	0.30	0.045	0.14	<0.1	0.03	6.0	<0.1	1.67	2	1.3	<0.2	
537144	Drill Core	1.81	0.090	13	2	0.77	33	0.003	3	0.28	0.049	0.11	<0.1	<0.01	5.6	<0.1	1.05	2	<0.5	<0.2	
537145	Rock Pulp	0.43	0.099	10	30	0.61	38	0.053	4	1.04	0.027	0.60	1.1	0.11	5.7	0.4	2.32	4	6.8	0.9	0.460
537146	Drill Core	1.38	0.083	11	5	0.60	31	0.003	2	0.27	0.050	0.13	<0.1	0.02	4.9	<0.1	2.40	2	1.7	<0.2	
537147	Drill Core	1.51	0.078	11	4	0.66	25	0.004	1	0.23	0.053	0.08	0.1	0.02	5.0	<0.1	2.70	2	2.1	<0.2	
537148	Drill Core	4.40	0.061	10	3	1.57	22	0.003	1	0.16	0.064	0.04	<0.1	0.01	4.0	0.3	0.76	1	0.9	<0.2	
537149	Drill Core	4.70	0.063	10	4	1.59	36	0.003	1	0.19	0.057	0.07	<0.1	<0.01	4.6	<0.1	0.89	1	1.5	<0.2	
537150	Drill Core	4.53	0.094	9	104	1.96	125	0.024	2	0.86	0.050	0.46	<0.1	0.01	9.8	0.2	0.42	4	0.6	<0.2	
537151	Drill Core	2.68	0.098	11	4	0.99	31	0.004	2	0.24	0.047	0.09	<0.1	<0.01	4.9	<0.1	1.20	1	1.5	<0.2	0.136
537152	Drill Core	1.90	0.078	10	4	0.68	40	0.005	3	0.30	0.049	0.12	<0.1	<0.01	4.9	<0.1	1.13	2	0.9	<0.2	
537153	Drill Core	1.82	0.070	10	3	0.70	25	0.004	2	0.20	0.066	0.05	<0.1	<0.01	4.6	<0.1	0.47	1	<0.5	<0.2	
537154	Drill Core	1.47	0.068	11	3	0.61	29	0.004	2	0.23	0.051	0.09	<0.1	<0.01	4.5	<0.1	1.47	2	1.3	<0.2	
537155	Drill Core	1.43	0.095	11	3	0.47	41	0.004	3	0.46	0.037	0.13	<0.1	0.01	6.5	<0.1	1.04	3	0.8	0.3	
537156	Drill Core	1.94	0.073	13	2	0.63	28	0.003	3	0.28	0.052	0.10	<0.1	<0.01	4.8	<0.1	1.25	2	1.2	<0.2	
537157	Drill Core	1.68	0.080	11	2	0.59	36	0.003	4	0.42	0.043	0.12	<0.1	<0.01	5.5	<0.1	0.78	3	0.9	0.3	
537158	Drill Core	1.93	0.071	10	2	0.77	30	0.003	3	0.34	0.038	0.09	<0.1	<0.01	5.0	<0.1	0.35	2	<0.5	<0.2	
537159	Drill Core	1.55	0.078	11	3	0.54	26	0.003	4	0.32	0.043	0.11	<0.1	<0.01	5.0	<0.1	0.97	3	0.8	<0.2	
537160	Rock	0.52	0.060	11	27	0.62	106	0.114	1	0.93	0.079	0.14	0.1	0.04	2.8	<0.1	<0.05	4	<0.5	<0.2	
537161	Drill Core	1.94	0.073	10	2	0.76	31	0.003	3	0.34	0.041	0.13	<0.1	0.02	4.9	<0.1	0.94	3	1.2	<0.2	
537162	Drill Core	1.93	0.052	4	2	0.72	97	0.002	5	0.35	0.029	0.15	<0.1	0.02	3.7	<0.1	0.96	2	1.2	<0.2	
537163	Drill Core	2.02	0.082	11	3	0.87	28	0.005	3	0.41	0.046	0.15	<0.1	<0.01	5.3	<0.1	1.19	3	1.7	<0.2	
537164	Drill Core	1.90	0.073	11	3	0.95	43	0.005	4	0.42	0.047	0.15	<0.1	0.01	4.7	0.1	1.71	4	1.3	<0.2	
537165	Drill Core	2.26	0.067	11	3	0.94	29	0.003	3	0.33	0.046	0.14	0.1	<0.01	4.2	0.1	2.99	2	3.9	<0.2	
537166	Drill Core	1.72	0.069	9	3	0.80	50	0.006	3	0.44	0.043	0.18	0.2	<0.01	3.4	0.1	2.81	3	4.9	<0.2	
537167	Drill Core	1.90	0.078	9	4	0.95	58	0.010	3	0.54	0.048	0.28	<0.1	<0.01	3.1	0.1	2.11	3	2.7	<0.2	
537168	Drill Core	0.88	0.082	9	4	1.09	68	0.035	4	0.99	0.042	0.68	<0.1	<0.01	2.7	0.3	1.86	4	2.2	0.4	
537169	Drill Core	1.00	0.078	9	3	1.18	41	0.026	3	0.82	0.059	0.51	0.1	0.01	3.4	0.2	3.06	4	4.6	<0.2	
537170	Drill Core	1.18	0.065	9	4	1.22	62	0.010	6	0.54	0.071	0.22	<0.1	<0.01	4.3	<0.1	1.93	3	2.3	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-165
 Report Date: September 06, 2010

Page: 3 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000383.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
537171	Drill Core	4.99	6.2	351.9	12.5	114	0.3	3.2	11.1	771	2.81	99.1	2.2	12.3	3.9	143	0.4	<0.1	0.2	56
537172	Drill Core	4.81	12.2	574.9	15.3	98	0.5	3.9	19.2	578	2.84	186.3	2.2	10.6	4.1	92	0.3	0.1	0.2	56
537173	Drill Core	5.28	9.6	524.1	19.2	105	0.5	4.2	18.7	613	2.99	134.3	1.9	15.7	4.8	89	0.4	<0.1	0.2	49
537174	Drill Core	4.67	8.4	525.3	27.3	163	0.7	5.1	18.8	735	3.15	128.8	2.8	27.0	5.7	70	0.8	0.2	0.4	54
537175	Drill Core	2.47	10.7	552.2	24.2	197	0.8	7.9	19.5	801	3.77	156.7	2.4	23.8	5.4	76	0.8	0.2	0.4	65
537176	Drill Core	2.02	7.1	544.6	24.3	201	0.8	6.9	18.2	788	3.61	157.4	2.6	22.9	5.4	82	1.1	0.2	0.3	66
537177	Drill Core	4.74	52.3	1423	32.5	161	1.3	15.8	28.4	852	4.23	403.5	6.8	33.3	3.5	115	1.0	5.2	0.5	60
537178	Drill Core	4.47	72.4	1637	22.4	97	2.4	12.3	20.5	788	3.62	450.7	5.3	39.4	3.7	148	0.7	5.3	0.4	73
537179	Drill Core	4.44	28.1	111.8	7.4	49	0.1	3.5	11.5	602	2.92	29.2	1.6	14.5	7.1	109	0.2	0.4	0.5	61
537180	Drill Core	4.97	4.0	135.0	8.3	106	0.2	3.4	12.2	577	3.20	30.3	2.1	9.9	5.5	90	0.6	1.9	0.4	51
537181	Drill Core	4.97	4.6	138.2	5.4	66	0.2	4.2	15.9	685	3.25	50.9	2.3	21.7	5.2	130	0.1	0.6	0.6	51
537182	Drill Core	3.14	5.1	44.2	6.0	60	<0.1	8.2	15.3	637	3.49	12.4	1.4	7.7	6.8	124	<0.1	<0.1	0.4	66
537183	Drill Core	4.64	2.6	106.7	3.6	88	0.1	78.6	21.8	1235	3.88	13.8	1.7	3.6	2.2	223	<0.1	0.2	0.1	97
537184	Drill Core	5.09	14.7	132.2	4.8	88	0.2	46.1	20.1	1366	3.44	12.3	1.0	4.1	2.7	220	0.1	0.6	0.2	82
537185	Drill Core	3.24	5.3	94.7	6.9	87	0.1	61.7	22.6	1148	3.96	7.3	0.5	1.4	2.0	226	<0.1	0.3	0.1	112
537186	Drill Core	4.01	5.0	110.2	8.1	815	0.4	7.4	14.0	576	3.73	39.2	2.0	30.3	4.5	101	4.0	0.6	0.9	41
537187	Drill Core	3.65	9.9	234.6	6.1	77	0.3	7.0	11.6	929	2.71	14.3	1.1	9.2	5.2	141	0.3	0.2	0.1	78
537188	Drill Core	3.04	22.0	256.6	8.2	151	0.3	39.1	20.7	1598	4.19	9.0	0.9	10.9	3.1	229	0.5	0.2	0.2	106
537189	Drill Core	4.38	10.3	101.7	34.9	91	0.3	6.5	11.1	698	2.91	4.1	0.9	5.2	5.1	141	0.3	0.3	1.0	72
537190	Rock Pulp	0.10	158.0	1774	24.9	66	2.1	17.2	17.7	368	3.86	26.0	4.6	231.2	10.7	71	1.0	7.5	2.8	54
537191	Drill Core	4.66	1.5	103.8	50.1	49	0.2	13.0	14.2	732	3.20	6.0	0.5	5.7	1.4	239	0.1	0.3	0.7	76
537192	Drill Core	3.48	3.6	139.0	18.0	51	0.2	39.8	17.4	808	3.64	5.0	0.6	7.5	2.8	168	<0.1	0.2	0.2	84
537193	Drill Core	3.84	43.8	454.6	3.9	27	0.2	16.8	8.4	457	2.13	71.6	0.7	7.4	4.0	133	<0.1	0.1	<0.1	51
537194	Drill Core	4.12	33.0	692.4	6.6	38	0.3	41.5	14.7	617	3.05	60.3	1.2	13.8	4.0	194	<0.1	0.2	<0.1	76
537195	Drill Core	4.49	13.8	227.3	5.1	24	0.2	7.8	5.7	401	1.70	41.9	0.9	10.4	3.4	139	0.2	<0.1	<0.1	42
537196	Drill Core	2.92	12.9	193.9	4.2	23	0.1	6.2	6.9	423	1.93	27.7	1.1	3.7	3.1	203	0.2	<0.1	<0.1	43
537197	Drill Core	6.35	2.1	187.5	2.5	20	<0.1	5.7	11.7	462	2.28	8.1	0.7	2.4	3.3	172	<0.1	<0.1	<0.1	52
537198	Drill Core	4.70	2.2	63.0	1.6	13	<0.1	1.4	5.4	330	1.76	2.5	0.6	1.9	3.9	108	<0.1	<0.1	<0.1	37
537199	Drill Core	4.92	8.0	234.5	1.2	12	<0.1	2.3	5.6	329	1.75	7.1	0.7	2.9	4.0	106	<0.1	<0.1	<0.1	38
537200	Drill Core	4.55	2.6	134.4	1.8	29	<0.1	5.1	15.4	586	3.44	10.2	0.9	1.1	2.6	193	<0.1	<0.1	<0.1	95

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-165
 Report Date: September 06, 2010

Page: 3 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000383.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
537171	Drill Core	1.77	0.074	7	3	1.19	36	0.003	4	0.41	0.069	0.12	<0.1	0.01	4.3	<0.1	1.49	3	2.2	<0.2	
537172	Drill Core	1.67	0.066	6	3	0.90	29	0.002	5	0.37	0.061	0.10	<0.1	0.01	4.0	<0.1	1.91	2	2.3	0.5	
537173	Drill Core	1.71	0.076	8	3	0.78	29	0.003	4	0.44	0.060	0.14	<0.1	<0.01	3.6	<0.1	2.14	3	2.8	<0.2	
537174	Drill Core	1.55	0.077	8	5	0.67	26	0.002	4	0.40	0.058	0.12	<0.1	0.02	3.7	<0.1	2.25	2	2.9	<0.2	
537175	Drill Core	1.26	0.077	7	3	0.61	26	0.002	4	0.38	0.066	0.11	<0.1	0.02	4.3	<0.1	2.79	2	3.4	0.2	
537176	Drill Core	1.30	0.077	7	3	0.62	28	0.002	4	0.42	0.068	0.11	<0.1	0.02	4.5	<0.1	2.62	2	3.2	0.2	
537177	Drill Core	2.65	0.055	4	5	1.14	43	0.002	8	0.39	0.049	0.15	<0.1	0.05	3.7	0.1	3.08	2	4.6	0.2	
537178	Drill Core	3.66	0.035	5	3	1.38	32	0.002	5	0.34	0.053	0.11	<0.1	0.06	4.2	0.1	2.15	2	3.1	<0.2	
537179	Drill Core	1.77	0.078	9	2	0.85	31	0.001	4	0.42	0.094	0.12	<0.1	0.02	4.5	<0.1	1.95	2	2.5	1.1	
537180	Drill Core	1.74	0.075	10	2	0.79	38	0.002	4	0.37	0.082	0.18	<0.1	0.02	3.7	<0.1	1.96	2	1.8	0.2	
537181	Drill Core	2.21	0.074	8	3	1.22	34	0.004	3	0.50	0.089	0.20	<0.1	0.03	3.8	<0.1	2.48	2	3.1	0.4	
537182	Drill Core	2.07	0.082	9	11	1.31	38	0.005	6	0.51	0.101	0.18	<0.1	0.01	6.0	<0.1	1.90	3	1.3	0.3	
537183	Drill Core	4.66	0.125	6	115	2.46	175	0.010	7	0.78	0.233	0.22	<0.1	0.02	12.1	<0.1	0.24	3	<0.5	<0.2	
537184	Drill Core	4.77	0.122	7	70	2.33	102	0.008	7	0.52	0.187	0.17	<0.1	0.02	9.9	<0.1	0.26	2	<0.5	<0.2	
537185	Drill Core	3.65	0.186	7	128	2.07	81	0.008	7	0.82	0.284	0.20	<0.1	0.02	15.2	<0.1	0.16	4	<0.5	<0.2	
537186	Drill Core	1.86	0.059	7	4	1.02	35	0.002	5	0.40	0.053	0.18	<0.1	0.12	3.4	<0.1	2.97	2	1.5	1.1	
537187	Drill Core	3.26	0.070	8	4	1.53	58	0.002	4	0.36	0.060	0.17	<0.1	0.02	4.9	<0.1	0.72	1	0.7	<0.2	
537188	Drill Core	3.06	0.143	8	97	2.22	120	0.007	7	0.72	0.095	0.26	<0.1	0.06	11.8	0.1	0.49	4	<0.5	<0.2	
537189	Drill Core	2.11	0.086	10	7	1.43	53	0.002	6	0.36	0.055	0.14	<0.1	0.02	5.4	<0.1	0.44	2	0.5	<0.2	
537190	Rock Pulp	1.74	0.065	19	66	0.81	90	0.036	7	1.45	0.052	0.53	2.4	0.10	4.9	0.3	1.70	4	3.0	0.2	0.182
537191	Drill Core	2.72	0.088	6	26	0.97	87	0.001	14	0.59	0.087	0.25	<0.1	<0.01	7.2	<0.1	0.06	2	<0.5	<0.2	
537192	Drill Core	3.73	0.085	8	72	0.92	54	0.005	9	0.53	0.078	0.20	<0.1	0.01	10.3	<0.1	0.08	2	<0.5	<0.2	
537193	Drill Core	2.70	0.059	9	19	1.10	42	0.005	4	0.34	0.068	0.14	<0.1	0.02	3.7	<0.1	<0.05	2	<0.5	<0.2	
537194	Drill Core	3.28	0.083	10	80	1.41	86	0.007	5	0.42	0.067	0.12	<0.1	0.02	8.9	<0.1	0.10	2	0.8	<0.2	
537195	Drill Core	2.60	0.047	10	8	1.08	135	0.001	3	0.28	0.054	0.09	<0.1	0.01	2.2	<0.1	0.13	1	<0.5	0.3	
537196	Drill Core	3.03	0.029	8	6	1.20	333	0.002	5	0.36	0.058	0.11	<0.1	0.01	2.7	<0.1	0.09	2	<0.5	<0.2	
537197	Drill Core	2.77	0.056	9	15	0.99	301	0.003	5	0.45	0.073	0.12	<0.1	0.02	4.3	<0.1	0.16	2	<0.5	<0.2	
537198	Drill Core	1.90	0.052	10	3	0.51	171	0.002	14	0.33	0.067	0.08	<0.1	<0.01	2.5	<0.1	0.09	1	<0.5	0.3	
537199	Drill Core	1.72	0.065	11	5	0.43	242	0.002	5	0.31	0.071	0.08	<0.1	0.02	2.5	<0.1	0.10	1	<0.5	<0.2	
537200	Drill Core	2.68	0.127	14	5	0.93	105	0.004	6	0.56	0.115	0.10	<0.1	<0.01	8.2	<0.1	0.06	3	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-165
 Report Date: September 06, 2010

Page: 4 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000383.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
537201	Drill Core		4.62	2.8	92.5	1.6	27	<0.1	4.7	14.2	590	3.19	11.4	1.3	1.3	3.1	201	<0.1	<0.1	<0.1	89
537202	Drill Core		2.51	2.3	343.3	2.0	26	<0.1	4.4	13.5	473	3.20	77.4	1.0	0.7	3.6	141	<0.1	0.1	<0.1	82
537203	Drill Core		4.32	0.5	128.5	1.5	18	<0.1	1.3	8.0	296	1.82	13.2	0.6	0.6	2.4	61	<0.1	0.1	<0.1	29
537204	Drill Core		5.98	0.6	46.7	1.5	15	<0.1	0.7	9.8	219	1.80	3.8	0.5	<0.5	2.5	49	<0.1	<0.1	<0.1	28
537205	Rock Pulp	0.466	0.10	253.6	4378	42.9	155	2.4	23.2	19.0	494	4.31	110.0	0.6	447.0	1.8	32	1.1	6.8	0.7	79
537206	Drill Core		3.65	2.0	316.1	2.5	33	<0.1	3.8	16.9	515	3.76	30.0	0.7	3.6	3.2	98	<0.1	<0.1	<0.1	102
537207	Drill Core	0.329	5.03	3.6	3007	3.3	44	0.8	5.6	20.4	657	4.29	277.2	1.3	10.9	2.8	221	0.2	0.2	<0.1	125
537208	Drill Core		5.10	3.5	1187	2.3	37	0.3	3.5	12.6	636	3.62	276.7	1.2	9.1	2.2	178	0.2	0.1	<0.1	103
537209	Drill Core		4.57	4.5	1474	2.6	39	0.5	4.3	21.2	682	3.29	334.1	1.5	45.5	2.7	123	0.2	0.2	<0.1	101
537210	Drill Core		4.67	2.4	287.3	2.2	40	0.1	4.2	14.6	767	3.91	19.7	1.4	5.6	3.2	140	<0.1	<0.1	<0.1	128
537211	Drill Core		4.01	4.0	492.8	1.8	30	0.1	4.0	12.6	770	3.85	90.7	0.9	6.6	2.5	166	<0.1	0.1	<0.1	127
537212	Drill Core		2.60	1.5	232.0	1.8	30	<0.1	4.7	13.0	835	3.97	11.1	0.7	20.5	1.3	218	<0.1	0.1	<0.1	117
537213	Drill Core		4.15	0.5	59.1	1.5	16	<0.1	1.6	4.3	381	1.81	4.7	0.4	2.8	2.3	89	<0.1	<0.1	<0.1	34
537214	Drill Core		4.88	0.4	149.5	1.3	15	<0.1	1.3	6.6	399	1.87	13.5	0.4	1.4	2.4	63	<0.1	<0.1	<0.1	32
537215	Drill Core		4.55	4.6	689.7	2.2	23	0.2	2.1	9.5	668	2.87	99.2	0.7	3.9	2.4	137	<0.1	<0.1	<0.1	68
537216	Drill Core		4.56	0.7	38.9	1.9	16	<0.1	1.4	7.8	334	2.03	4.1	1.3	3.0	2.2	104	<0.1	<0.1	<0.1	45
537217	Drill Core		4.41	0.5	48.0	2.2	14	<0.1	0.9	4.6	283	1.66	4.2	0.5	0.6	2.3	59	<0.1	<0.1	<0.1	33
537218	Drill Core		2.44	0.6	72.3	2.8	18	<0.1	1.0	4.8	408	1.74	5.9	0.6	0.5	2.3	139	<0.1	<0.1	<0.1	41
537219	Drill Core		3.87	6.5	656.5	1.6	27	0.2	4.7	12.0	605	3.22	124.5	1.2	14.9	2.7	169	<0.1	<0.1	<0.1	99
537220	Rock		0.49	0.6	21.8	4.1	44	<0.1	35.6	8.4	408	2.07	3.0	0.8	<0.5	4.5	39	0.2	0.3	<0.1	49
537221	Drill Core		4.93	1.0	377.1	1.3	21	0.2	3.2	10.2	428	3.57	18.3	0.8	6.8	2.8	107	<0.1	<0.1	<0.1	124
537222	Drill Core		4.72	5.9	713.5	1.7	24	0.3	4.3	19.1	626	3.46	58.3	1.4	9.2	3.0	126	<0.1	0.1	<0.1	111
537223	Drill Core		4.75	28.5	252.0	1.3	23	<0.1	3.7	12.6	692	3.70	3.7	0.7	4.5	3.2	140	0.1	<0.1	<0.1	120
537224	Drill Core		4.52	11.8	335.9	1.6	25	0.1	3.3	12.3	664	3.75	10.2	0.6	3.8	3.1	126	<0.1	<0.1	<0.1	131
537225	Drill Core		4.87	18.0	750.4	1.7	26	0.2	4.1	11.7	712	3.62	9.3	1.0	5.8	2.6	223	<0.1	<0.1	<0.1	123
537226	Drill Core		4.61	11.9	418.1	1.4	21	0.2	4.3	9.7	621	3.05	4.9	0.7	6.4	2.4	244	<0.1	<0.1	<0.1	103
537227	Drill Core		4.88	22.3	347.9	1.8	20	0.1	5.2	8.1	558	2.53	30.9	0.8	4.3	2.0	217	<0.1	<0.1	<0.1	71
537228	Drill Core		4.78	15.3	452.8	1.8	12	0.3	3.7	5.8	312	1.63	29.2	1.2	8.2	2.4	128	<0.1	<0.1	<0.1	48
537229	Drill Core		4.76	5.9	385.9	1.5	13	0.2	4.9	6.3	380	2.15	37.2	1.5	13.1	2.7	144	<0.1	<0.1	<0.1	79
537230	Drill Core		7.13	3.0	723.3	2.1	22	0.4	6.0	9.7	477	2.29	192.7	2.1	27.8	2.7	203	<0.1	0.2	<0.1	71

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-165
 Report Date: September 06, 2010

Page: 4 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000383.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
537201	Drill Core	2.65	0.121	13	4	1.33	107	0.003	4	0.47	0.129	0.08	<0.1	<0.01	7.2	<0.1	<0.05	3	<0.5	<0.2	
537202	Drill Core	1.68	0.121	13	4	0.92	77	0.002	8	0.62	0.138	0.18	<0.1	<0.01	7.4	<0.1	<0.05	3	<0.5	<0.2	
537203	Drill Core	0.91	0.037	9	4	0.48	47	0.005	3	0.29	0.070	0.11	<0.1	<0.01	1.5	<0.1	<0.05	2	<0.5	<0.2	
537204	Drill Core	0.56	0.038	9	5	0.40	65	0.011	3	0.34	0.078	0.14	<0.1	<0.01	1.5	<0.1	0.17	3	<0.5	<0.2	
537205	Rock Pulp	0.44	0.100	10	28	0.63	40	0.054	4	1.03	0.024	0.60	1.1	0.10	5.2	0.5	2.31	4	7.7	1.2	0.387
537206	Drill Core	1.33	0.118	13	3	0.89	57	0.005	4	0.43	0.093	0.10	<0.1	<0.01	7.6	<0.1	0.17	3	<0.5	0.2	
537207	Drill Core	2.06	0.128	12	8	1.32	112	0.017	3	0.53	0.099	0.17	0.1	0.01	8.1	<0.1	0.28	4	1.3	0.3	
537208	Drill Core	2.26	0.100	9	4	1.19	63	0.004	5	0.40	0.077	0.10	<0.1	0.01	6.7	<0.1	0.11	3	0.9	0.2	
537209	Drill Core	2.87	0.090	9	5	1.45	75	0.003	4	0.36	0.078	0.08	<0.1	0.03	5.7	0.2	0.23	3	0.7	<0.2	
537210	Drill Core	2.84	0.092	9	5	1.60	312	0.024	5	0.58	0.079	0.16	<0.1	0.01	7.1	<0.1	0.08	3	<0.5	<0.2	
537211	Drill Core	3.00	0.127	12	3	1.44	101	0.002	4	0.48	0.128	0.09	0.1	0.02	8.0	<0.1	0.12	3	<0.5	<0.2	
537212	Drill Core	5.40	0.172	7	3	1.97	61	0.005	6	0.68	0.165	0.23	0.2	<0.01	8.1	<0.1	<0.05	3	<0.5	<0.2	
537213	Drill Core	2.18	0.041	9	2	0.75	34	0.003	4	0.30	0.073	0.09	0.1	<0.01	1.8	<0.1	<0.05	1	<0.5	<0.2	
537214	Drill Core	1.90	0.044	9	3	0.72	40	0.004	2	0.33	0.074	0.09	0.1	<0.01	1.7	<0.1	0.10	2	<0.5	<0.2	
537215	Drill Core	3.69	0.072	10	<1	1.29	88	0.002	4	0.41	0.081	0.10	<0.1	<0.01	4.6	<0.1	0.08	2	<0.5	<0.2	
537216	Drill Core	1.91	0.039	6	3	0.79	50	0.002	4	0.29	0.086	0.09	<0.1	<0.01	1.8	<0.1	0.21	2	<0.5	<0.2	
537217	Drill Core	1.03	0.037	7	2	0.45	45	0.001	3	0.22	0.080	0.07	<0.1	<0.01	1.6	<0.1	<0.05	1	<0.5	<0.2	
537218	Drill Core	2.16	0.037	7	3	0.82	44	0.001	3	0.25	0.079	0.06	<0.1	<0.01	1.9	<0.1	<0.05	1	<0.5	<0.2	
537219	Drill Core	2.49	0.125	10	2	1.29	53	0.002	4	0.50	0.165	0.08	0.1	<0.01	8.2	<0.1	0.11	3	<0.5	<0.2	
537220	Rock	0.66	0.073	13	37	0.69	125	0.106	2	1.06	0.096	0.13	<0.1	0.02	3.3	<0.1	<0.05	3	<0.5	0.3	
537221	Drill Core	1.46	0.141	15	2	0.97	90	0.004	4	0.47	0.188	0.08	<0.1	<0.01	9.1	<0.1	0.09	3	<0.5	<0.2	
537222	Drill Core	2.74	0.138	13	4	1.38	193	0.003	4	0.47	0.164	0.08	<0.1	0.02	8.3	<0.1	0.33	3	<0.5	0.2	
537223	Drill Core	2.54	0.134	13	2	1.31	133	0.003	3	0.50	0.195	0.07	<0.1	<0.01	8.1	<0.1	0.09	2	<0.5	<0.2	
537224	Drill Core	2.10	0.139	14	3	1.08	127	0.003	4	0.50	0.194	0.07	<0.1	<0.01	9.1	<0.1	<0.05	3	<0.5	<0.2	
537225	Drill Core	2.84	0.132	14	2	1.57	254	0.003	4	0.53	0.194	0.08	<0.1	<0.01	8.7	<0.1	0.08	3	<0.5	<0.2	
537226	Drill Core	5.19	0.119	11	2	2.27	205	0.003	4	0.55	0.177	0.07	<0.1	<0.01	7.5	<0.1	0.07	2	<0.5	<0.2	
537227	Drill Core	6.88	0.065	8	5	2.87	51	0.001	3	0.34	0.120	0.07	<0.1	<0.01	4.8	<0.1	<0.05	1	<0.5	<0.2	
537228	Drill Core	2.89	0.061	8	6	1.27	51	0.002	3	0.32	0.112	0.07	<0.1	0.01	3.3	<0.1	0.07	2	<0.5	<0.2	
537229	Drill Core	4.04	0.082	9	5	1.69	51	0.002	2	0.36	0.124	0.07	<0.1	<0.01	5.9	<0.1	0.06	2	<0.5	<0.2	
537230	Drill Core	5.25	0.068	9	3	2.12	67	0.001	3	0.37	0.118	0.08	<0.1	<0.01	5.0	<0.1	0.13	2	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-165
 Report Date: September 06, 2010

Page: 5 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000383.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
537231	Drill Core	5.21	1.2	146.5	2.0	20	<0.1	5.7	15.7	690	3.06	11.0	1.9	2.9	2.6	143	<0.1	<0.1	<0.1	87
537232	Drill Core	4.26	1.9	161.8	1.9	20	<0.1	4.4	11.5	621	3.06	15.6	1.3	1.3	2.4	126	<0.1	0.1	<0.1	80
537233	Drill Core	4.45	1.3	396.2	2.3	21	0.1	4.3	9.0	583	2.59	16.4	1.2	5.4	2.5	113	<0.1	0.3	<0.1	63
537234	Drill Core	4.17	2.8	225.8	2.1	19	<0.1	4.5	7.8	463	1.87	35.6	1.7	3.5	2.7	96	<0.1	0.3	<0.1	39
537235	Drill Core	2.52	1.0	58.8	2.8	22	<0.1	3.3	6.1	462	2.26	5.2	0.8	1.8	2.5	78	<0.1	0.2	<0.1	41
537236	Drill Core	2.20	0.6	57.5	2.7	21	<0.1	3.5	7.1	461	2.40	5.4	0.9	1.4	2.6	78	<0.1	0.2	<0.1	43
537237	Drill Core	7.28	3.2	472.8	2.9	27	0.2	7.0	12.6	465	2.38	56.1	2.0	11.2	3.3	105	<0.1	0.5	<0.1	55
537238	Drill Core	5.09	22.4	191.1	6.7	54	0.2	51.7	25.7	885	4.13	8.1	0.8	22.2	1.6	173	<0.1	0.2	0.4	120
537239	Drill Core	4.71	1.4	163.5	1.5	53	<0.1	55.7	25.1	1044	4.16	5.5	0.7	2.7	1.7	229	<0.1	0.2	<0.1	121
537240	Drill Core	4.66	0.4	140.0	3.2	51	<0.1	49.5	21.6	1058	4.24	8.9	0.6	2.1	1.7	244	<0.1	0.2	<0.1	114
537241	Drill Core	5.45	1.8	171.4	1.2	47	<0.1	47.4	20.2	608	3.24	6.8	0.6	3.5	1.6	141	<0.1	0.1	<0.1	87
537242	Drill Core	5.01	1.7	409.8	5.3	44	0.3	31.4	17.9	684	3.52	17.0	1.0	9.5	2.0	152	<0.1	0.2	<0.1	88
537243	Drill Core	5.41	2.0	176.5	10.4	57	0.2	58.2	25.7	937	4.14	9.3	1.1	13.6	1.7	216	<0.1	0.1	0.2	112
537244	Drill Core	4.08	1.2	172.8	2.7	44	<0.1	49.2	20.7	699	3.64	4.9	0.7	2.3	1.6	145	<0.1	0.1	<0.1	91
537245	Drill Core	4.89	1.4	183.5	1.0	54	<0.1	61.3	26.1	1003	4.48	15.0	1.0	0.9	1.7	254	<0.1	0.1	<0.1	94
537246	Drill Core	2.72	6.5	240.6	1.9	22	0.3	18.1	10.9	620	2.28	46.6	2.6	3.5	3.2	252	<0.1	0.3	<0.1	40
537247	Drill Core	3.82	1.2	148.9	0.7	50	0.1	61.7	26.3	1036	4.59	5.0	0.7	1.7	2.0	234	<0.1	<0.1	<0.1	94
537248	Drill Core	4.17	1.1	154.9	0.6	41	<0.1	48.6	20.4	690	3.60	4.7	0.6	1.3	1.6	173	<0.1	0.1	<0.1	76
537249	Drill Core	4.81	0.9	145.1	0.6	42	<0.1	49.4	23.1	854	3.71	17.1	1.4	1.7	1.6	232	<0.1	0.1	<0.1	83
537250	Rock Pulp	0.12	142.1	1701	21.8	62	1.8	16.0	16.1	358	3.80	26.7	4.1	186.2	9.6	62	0.8	6.0	2.6	49
537251	Drill Core	4.18	1.0	158.1	0.4	43	<0.1	58.1	25.0	734	3.90	21.8	2.0	3.1	1.6	166	<0.1	0.2	<0.1	92
537252	Drill Core	7.30	1.7	171.4	0.6	34	0.1	47.0	19.0	595	3.71	11.8	0.8	47.5	1.5	129	<0.1	0.1	<0.1	89
537253	Drill Core	5.75	8.4	51.2	1.6	11	<0.1	3.9	4.4	261	1.40	3.6	0.9	2.3	3.4	94	<0.1	0.3	<0.1	31
537254	Drill Core	4.69	11.5	38.9	1.9	13	<0.1	3.4	5.7	311	1.58	4.7	0.8	<0.5	3.9	84	<0.1	0.2	<0.1	33
537255	Drill Core	4.19	8.9	554.6	1.7	13	0.2	4.0	6.2	305	1.54	30.3	1.7	10.7	4.4	77	<0.1	0.2	<0.1	31
537256	Drill Core	4.61	4.7	334.7	2.2	20	0.2	6.7	6.8	404	2.11	37.2	2.0	13.8	5.7	84	<0.1	0.3	<0.1	39
537257	Drill Core	4.78	6.7	320.5	2.6	16	0.2	4.2	5.2	313	1.59	50.6	2.9	26.9	4.9	85	<0.1	0.2	<0.1	28
537258	Drill Core	4.65	4.5	328.8	2.0	17	0.1	4.7	5.5	367	1.88	42.9	1.7	3.2	4.1	83	<0.1	0.2	<0.1	42
537259	Drill Core	5.41	9.6	589.2	2.2	15	0.2	5.2	5.5	376	1.74	54.1	1.6	8.5	3.8	87	<0.1	0.1	<0.1	33
537260	Drill Core	5.07	20.1	910.2	2.7	15	0.3	4.9	6.3	345	1.78	57.9	1.9	12.1	3.7	77	0.1	0.2	<0.1	43

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-165
 Report Date: September 06, 2010

Page: 5 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000383.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
537231	Drill Core	2.68	0.115	12	6	1.18	340	0.004	4	0.44	0.192	0.08	<0.1	0.01	7.1	<0.1	0.28	3	<0.5	<0.2	
537232	Drill Core	2.24	0.112	11	7	1.13	257	0.005	5	0.41	0.196	0.08	<0.1	0.01	6.0	<0.1	0.17	3	<0.5	<0.2	
537233	Drill Core	2.26	0.087	10	5	1.10	94	0.003	4	0.33	0.126	0.09	<0.1	0.02	4.3	<0.1	0.16	2	<0.5	<0.2	
537234	Drill Core	2.18	0.056	9	6	1.00	50	0.002	4	0.29	0.099	0.10	<0.1	0.01	2.4	<0.1	0.14	2	<0.5	<0.2	
537235	Drill Core	1.74	0.065	10	2	0.83	33	0.002	3	0.25	0.093	0.09	0.2	<0.01	2.2	<0.1	0.06	2	<0.5	<0.2	
537236	Drill Core	1.72	0.066	11	3	0.82	40	0.003	4	0.30	0.100	0.11	0.2	<0.01	2.3	<0.1	0.07	2	<0.5	0.2	
537237	Drill Core	1.84	0.074	12	7	0.95	50	0.003	3	0.31	0.109	0.10	0.2	0.02	3.9	<0.1	0.25	2	<0.5	<0.2	
537238	Drill Core	2.68	0.165	7	124	1.85	106	0.092	6	0.98	0.247	0.49	<0.1	0.01	8.7	<0.1	0.18	4	<0.5	<0.2	
537239	Drill Core	3.60	0.175	6	123	2.03	130	0.065	6	0.93	0.361	0.34	<0.1	<0.01	12.0	<0.1	<0.05	4	<0.5	<0.2	
537240	Drill Core	3.51	0.161	6	131	2.03	99	0.029	5	0.79	0.381	0.21	0.1	0.02	12.0	<0.1	<0.05	3	<0.5	<0.2	
537241	Drill Core	1.71	0.167	6	111	1.46	476	0.072	6	1.04	0.275	0.39	<0.1	<0.01	5.9	<0.1	0.05	4	<0.5	<0.2	
537242	Drill Core	1.97	0.110	8	85	1.51	616	0.037	4	0.67	0.217	0.28	<0.1	0.01	8.6	<0.1	0.20	3	<0.5	<0.2	
537243	Drill Core	2.67	0.162	6	126	2.21	309	0.098	6	1.20	0.256	0.68	0.1	0.01	8.3	<0.1	0.16	5	<0.5	<0.2	
537244	Drill Core	1.93	0.163	6	113	1.63	144	0.091	5	1.10	0.245	0.59	<0.1	<0.01	7.0	<0.1	<0.05	4	<0.5	<0.2	
537245	Drill Core	2.90	0.161	7	124	2.09	142	0.038	8	1.02	0.343	0.33	<0.1	<0.01	12.0	<0.1	0.08	4	<0.5	<0.2	
537246	Drill Core	4.73	0.041	7	8	2.09	108	0.002	3	0.22	0.101	0.06	0.1	<0.01	3.1	<0.1	0.13	1	<0.5	<0.2	
537247	Drill Core	2.36	0.183	7	130	1.74	116	0.021	4	0.91	0.411	0.27	<0.1	<0.01	14.8	<0.1	<0.05	3	<0.5	<0.2	
537248	Drill Core	2.10	0.159	6	101	1.44	237	0.075	3	0.81	0.257	0.27	<0.1	<0.01	6.7	<0.1	<0.05	3	<0.5	<0.2	
537249	Drill Core	2.72	0.152	6	107	1.95	1035	0.039	6	0.89	0.400	0.21	<0.1	<0.01	9.8	<0.1	0.12	3	<0.5	<0.2	
537250	Rock Pulp	1.67	0.064	17	64	0.79	59	0.034	6	1.40	0.049	0.51	2.1	0.09	4.7	0.3	1.62	5	2.9	0.9	0.198
537251	Drill Core	2.02	0.171	6	119	1.77	195	0.088	5	1.16	0.352	0.59	<0.1	<0.01	7.0	<0.1	0.12	5	<0.5	<0.2	
537252	Drill Core	1.70	0.163	5	120	1.46	215	0.080	4	1.00	0.265	0.44	0.1	0.07	6.1	<0.1	0.07	4	<0.5	<0.2	
537253	Drill Core	1.38	0.053	9	6	0.63	69	0.004	3	0.30	0.098	0.10	<0.1	<0.01	2.6	<0.1	<0.05	2	<0.5	<0.2	
537254	Drill Core	1.34	0.054	9	7	0.71	50	0.004	3	0.29	0.109	0.10	<0.1	<0.01	2.8	<0.1	<0.05	2	<0.5	<0.2	
537255	Drill Core	1.28	0.052	9	5	0.68	44	0.002	2	0.23	0.097	0.09	<0.1	<0.01	2.6	<0.1	0.09	2	0.7	<0.2	
537256	Drill Core	1.41	0.054	10	8	0.81	48	0.004	3	0.29	0.106	0.10	<0.1	<0.01	3.4	<0.1	0.13	2	<0.5	0.3	
537257	Drill Core	1.56	0.040	9	7	0.82	40	0.002	2	0.19	0.082	0.07	<0.1	0.01	2.2	<0.1	0.24	1	0.5	<0.2	
537258	Drill Core	1.44	0.057	8	7	0.78	48	0.003	3	0.30	0.121	0.10	<0.1	<0.01	3.6	<0.1	0.09	2	<0.5	<0.2	
537259	Drill Core	1.74	0.050	9	6	0.85	47	0.002	2	0.20	0.085	0.08	<0.1	<0.01	2.6	<0.1	0.22	2	0.6	<0.2	
537260	Drill Core	1.62	0.056	9	8	0.80	40	0.002	3	0.22	0.087	0.09	<0.1	<0.01	2.8	<0.1	0.17	2	0.8	<0.2	<0.005

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-165
 Report Date: September 06, 2010

Page: 6 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000383.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
537261	Drill Core	4.72	6.2	132.8	2.2	13	<0.1	6.9	6.5	448	1.92	36.2	4.1	1.4	4.3	148	<0.1	0.2	<0.1	40
537262	Drill Core	4.75	3.1	356.6	2.4	14	0.1	6.2	7.1	366	1.85	49.5	1.8	2.4	3.7	133	<0.1	0.3	<0.1	36
537263	Drill Core	5.82	19.0	388.2	2.0	14	0.1	5.9	6.7	363	1.64	42.6	0.9	3.2	3.5	124	<0.1	0.2	<0.1	36
537264	Drill Core	6.56	1.6	135.8	1.0	36	<0.1	53.1	22.8	794	3.87	10.1	0.9	1.8	1.5	181	<0.1	0.1	<0.1	99



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-165
 Report Date: September 06, 2010

Page: 6 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000383.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	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	0.005	
537261	Drill Core	3.03	0.047	9	5	1.47	35	0.001	3	0.21	0.105	0.06	<0.1	<0.01	3.3	<0.1	0.10	1	<0.5	<0.2	
537262	Drill Core	2.62	0.048	9	6	1.26	39	0.001	3	0.27	0.123	0.08	<0.1	<0.01	2.8	<0.1	0.07	2	<0.5	<0.2	
537263	Drill Core	2.15	0.049	9	5	1.03	40	0.002	4	0.26	0.131	0.08	<0.1	<0.01	2.8	<0.1	0.08	2	<0.5	<0.2	
537264	Drill Core	2.59	0.161	6	114	1.95	328	0.043	6	1.00	0.314	0.29	<0.1	<0.01	8.8	<0.1	0.05	4	<0.5	<0.2	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-165
 Report Date: September 06, 2010

Page: 1 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000383.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																				
537168	Drill Core	5.15	15.6	868.2	36.4	652	0.9	3.2	13.6	536	2.52	131.4	2.1	24.9	5.0	93	4.0	0.1	0.2	42
REP 537168	QC		15.6	892.4	37.6	658	0.9	3.2	14.0	569	2.56	131.7	2.2	29.2	5.4	95	3.7	<0.1	0.3	43
537204	Drill Core	5.98	0.6	46.7	1.5	15	<0.1	0.7	9.8	219	1.80	3.8	0.5	<0.5	2.5	49	<0.1	<0.1	<0.1	28
REP 537204	QC		0.6	47.0	2.2	14	<0.1	1.0	9.8	229	1.81	3.9	0.5	<0.5	2.3	49	<0.1	<0.1	<0.1	29
537233	Drill Core	4.45	1.3	396.2	2.3	21	0.1	4.3	9.0	583	2.59	16.4	1.2	5.4	2.5	113	<0.1	0.3	<0.1	63
REP 537233	QC		1.2	386.6	2.2	22	0.1	3.9	8.9	572	2.52	16.4	1.3	7.0	2.5	111	<0.1	0.3	<0.1	62
537254	Drill Core	4.69	11.5	38.9	1.9	13	<0.1	3.4	5.7	311	1.58	4.7	0.8	<0.5	3.9	84	<0.1	0.2	<0.1	33
REP 537254	QC		12.1	36.0	1.7	13	<0.1	3.5	5.1	305	1.51	4.5	0.8	<0.5	3.9	85	<0.1	0.2	<0.1	32
Core Reject Duplicates																				
537148	Drill Core	4.19	8.5	266.3	55.3	71	0.4	4.5	8.5	686	2.50	47.8	13.2	6.1	5.9	187	0.3	0.3	0.6	78
DUP 537148	QC		9.2	285.6	57.5	71	0.4	4.5	9.5	680	2.58	50.6	15.1	5.2	6.5	185	0.4	0.4	0.7	81
537183	Drill Core	4.64	2.6	106.7	3.6	88	0.1	78.6	21.8	1235	3.88	13.8	1.7	3.6	2.2	223	<0.1	0.2	0.1	97
DUP 537183	QC		2.5	107.4	3.8	88	0.1	76.2	21.7	1224	3.93	14.5	1.8	4.4	2.2	231	0.1	0.2	<0.1	100
537218	Drill Core	2.44	0.6	72.3	2.8	18	<0.1	1.0	4.8	408	1.74	5.9	0.6	0.5	2.3	139	<0.1	<0.1	<0.1	41
DUP 537218	QC		0.7	72.9	2.5	18	<0.1	1.3	4.6	414	1.76	5.3	0.6	1.0	2.3	141	<0.1	<0.1	<0.1	40
537253	Drill Core	5.75	8.4	51.2	1.6	11	<0.1	3.9	4.4	261	1.40	3.6	0.9	2.3	3.4	94	<0.1	0.3	<0.1	31
DUP 537253	QC		10.5	41.7	1.7	12	<0.1	4.4	4.5	271	1.47	5.8	1.0	6.2	3.7	99	<0.1	0.3	<0.1	32
Reference Materials																				
STD DS7	Standard		21.8	107.9	75.2	405	1.1	56.7	9.5	627	2.47	53.5	5.1	93.6	4.9	74	6.0	6.1	5.1	87
STD DS7	Standard		22.0	108.4	68.5	402	1.0	54.7	9.3	630	2.44	53.9	5.1	73.9	5.0	79	6.7	6.2	5.0	86
STD DS7	Standard		20.6	103.1	74.1	391	1.0	53.3	9.5	614	2.39	50.7	5.0	92.0	4.9	77	6.4	6.3	5.0	80
STD DS7	Standard		21.0	104.6	72.3	411	1.0	57.0	9.8	646	2.46	51.5	5.3	68.0	5.3	81	6.4	6.4	5.1	83
STD DS7	Standard		19.9	99.1	65.5	366	1.0	52.0	8.7	579	2.24	47.8	4.7	85.6	4.6	71	6.1	6.1	4.6	70
STD DS7	Standard		20.4	101.8	67.9	385	1.0	52.9	9.0	608	2.34	51.3	4.8	67.4	4.8	75	6.3	5.5	4.7	76
STD DS7	Standard		19.7	105.4	67.9	379	0.9	52.7	9.1	637	2.32	51.5	4.8	63.2	4.7	69	6.2	6.2	5.1	75
STD DS7	Standard		19.8	97.4	70.8	391	1.0	57.4	10.0	657	2.42	54.3	4.3	65.2	4.2	73	5.8	5.5	4.2	84
STD DS7	Standard		21.7	101.3	72.5	399	1.0	59.1	10.4	663	2.47	56.7	4.6	66.1	4.6	76	6.0	5.7	4.3	86
STD DS7	Standard		20.3	100.4	69.2	368	1.0	50.9	9.4	605	2.31	47.4	5.4	67.8	4.9	79	5.8	6.3	4.9	78

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-165
 Report Date: September 06, 2010

Page: 1 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000383.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
MDL		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
Pulp Duplicates																					
537168	Drill Core	0.88	0.082	9	4	1.09	68	0.035	4	0.99	0.042	0.68	<0.1	<0.01	2.7	0.3	1.86	4	2.2	0.4	
REP 537168	QC	0.89	0.080	9	4	1.15	71	0.036	4	1.03	0.043	0.70	<0.1	<0.01	2.9	0.3	1.88	3	2.6	<0.2	
537204	Drill Core	0.56	0.038	9	5	0.40	65	0.011	3	0.34	0.078	0.14	<0.1	<0.01	1.5	<0.1	0.17	3	<0.5	<0.2	
REP 537204	QC	0.56	0.038	9	5	0.40	69	0.011	2	0.33	0.079	0.14	<0.1	<0.01	1.3	<0.1	0.17	3	<0.5	<0.2	
537233	Drill Core	2.26	0.087	10	5	1.10	94	0.003	4	0.33	0.126	0.09	<0.1	0.02	4.3	<0.1	0.16	2	<0.5	<0.2	
REP 537233	QC	2.25	0.087	10	5	1.11	93	0.003	3	0.33	0.123	0.08	<0.1	0.02	4.2	<0.1	0.16	2	<0.5	<0.2	
537254	Drill Core	1.34	0.054	9	7	0.71	50	0.004	3	0.29	0.109	0.10	<0.1	<0.01	2.8	<0.1	<0.05	2	<0.5	<0.2	
REP 537254	QC	1.32	0.056	9	7	0.68	50	0.003	2	0.29	0.103	0.09	<0.1	<0.01	2.7	<0.1	<0.05	2	<0.5	<0.2	
Core Reject Duplicates																					
537148	Drill Core	4.40	0.061	10	3	1.57	22	0.003	1	0.16	0.064	0.04	<0.1	0.01	4.0	0.3	0.76	1	0.9	<0.2	
DUP 537148	QC	4.30	0.062	10	3	1.55	22	0.003	<1	0.17	0.065	0.04	<0.1	<0.01	4.2	0.3	0.80	1	0.8	<0.2	
537183	Drill Core	4.66	0.125	6	115	2.46	175	0.010	7	0.78	0.233	0.22	<0.1	0.02	12.1	<0.1	0.24	3	<0.5	<0.2	
DUP 537183	QC	4.67	0.130	6	116	2.43	199	0.010	10	0.85	0.234	0.23	<0.1	0.02	11.7	<0.1	0.26	3	<0.5	<0.2	
537218	Drill Core	2.16	0.037	7	3	0.82	44	0.001	3	0.25	0.079	0.06	<0.1	<0.01	1.9	<0.1	<0.05	1	<0.5	<0.2	
DUP 537218	QC	2.13	0.039	7	3	0.81	48	0.001	3	0.27	0.085	0.07	<0.1	0.01	1.9	<0.1	<0.05	1	<0.5	<0.2	
537253	Drill Core	1.38	0.053	9	6	0.63	69	0.004	3	0.30	0.098	0.10	<0.1	<0.01	2.6	<0.1	<0.05	2	<0.5	<0.2	
DUP 537253	QC	1.40	0.057	10	7	0.64	76	0.004	2	0.31	0.102	0.09	0.1	<0.01	2.7	<0.1	<0.05	2	<0.5	<0.2	
Reference Materials																					
STD DS7	Standard	0.96	0.082	12	206	1.05	394	0.128	42	1.03	0.096	0.48	3.9	0.23	2.4	4.1	0.20	5	2.4	0.8	
STD DS7	Standard	0.97	0.077	13	210	1.06	411	0.132	39	1.04	0.099	0.49	3.6	0.24	2.4	3.8	0.20	5	2.6	1.2	
STD DS7	Standard	0.96	0.074	13	210	1.04	421	0.127	37	1.02	0.097	0.47	3.9	0.22	2.2	4.4	0.20	4	2.7	1.4	
STD DS7	Standard	0.99	0.080	14	205	1.07	419	0.132	43	1.07	0.101	0.48	3.8	0.23	2.3	4.1	0.20	5	3.2	0.7	
STD DS7	Standard	0.89	0.070	12	199	0.95	395	0.115	34	0.94	0.089	0.44	3.5	0.22	2.1	4.0	0.19	4	2.7	1.5	
STD DS7	Standard	0.95	0.074	14	212	1.02	415	0.123	38	1.03	0.096	0.46	3.4	0.25	2.5	3.8	0.19	5	2.6	0.7	
STD DS7	Standard	0.93	0.072	12	178	1.04	399	0.124	40	0.99	0.087	0.47	3.6	0.23	2.1	4.1	0.19	5	3.3	1.6	
STD DS7	Standard	0.98	0.075	13	223	1.07	397	0.111	43	1.06	0.095	0.48	3.8	0.22	2.5	4.3	0.20	5	3.3	1.1	
STD DS7	Standard	1.02	0.077	13	231	1.09	424	0.118	39	1.09	0.100	0.50	3.8	0.22	2.5	4.2	0.20	5	3.2	1.1	
STD DS7	Standard	0.96	0.073	13	184	1.01	368	0.123	41	1.04	0.098	0.45	3.5	0.21	2.4	3.9	0.19	5	3.3	2.0	

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-165

Report Date: September 06, 2010

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000383.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
STD DS7	Standard			20.7	105.7	70.3	386	1.0	53.1	9.1	621	2.32	51.8	5.2	73.5	4.7	77	5.7	6.4	4.9	82
STD DS7	Standard			19.9	98.8	61.3	372	0.9	49.1	8.7	594	2.23	47.6	4.0	63.2	4.1	69	5.9	5.5	4.1	77
STD DS7	Standard			19.5	104.5	58.6	378	0.9	52.2	9.2	582	2.27	49.4	4.3	64.7	4.2	69	5.7	5.5	4.2	77
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD R4A	Standard	0.513																			
STD R4A	Standard	0.519																			
STD R4A	Standard	0.507																			
STD R4A	Standard	0.519																			
STD R4A Expected		0.502																			
STD OXH66 Expected																					
STD OXK79 Expected																					
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001																			

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-165
 Report Date: September 06, 2010

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000383.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
STD DS7	Standard	0.94	0.075	13	183	1.03	363	0.118	39	1.04	0.094	0.47	3.6	0.22	2.3	4.0	0.19	5	2.3	0.9		
STD DS7	Standard	0.88	0.078	12	178	0.98	395	0.109	37	0.98	0.092	0.45	3.5	0.20	2.1	3.7	0.18	5	3.2	1.6		
STD DS7	Standard	0.89	0.075	12	179	0.99	369	0.111	39	0.98	0.092	0.45	3.4	0.20	2.1	3.9	0.19	5	2.9	1.1		
STD OXH66	Standard																				1.301	
STD OXH66	Standard																					1.292
STD OXH66	Standard																					1.259
STD OXH66	Standard																					1.307
STD OXK79	Standard																					3.589
STD OXK79	Standard																					3.586
STD OXK79	Standard																					3.527
STD OXK79	Standard																					3.495
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A	Standard																					
STD R4A Expected																						
STD OXH66 Expected																						1.285
STD OXK79 Expected																						3.532
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08		
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-165

Report Date: September 06, 2010

Page: 3 of 3 Part 1

QUALITY CONTROL REPORT

SMI10000383.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
BLK	Blank																				
BLK	Blank																				
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank																				
BLK	Blank																				
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
Prep Wash																					
G1	Prep Blank			0.2	7.7	2.8	44	<0.1	2.7	3.9	505	1.73	0.9	1.7	15.8	6.1	46	<0.1	<0.1	<0.1	32
G1	Prep Blank			0.2	3.5	2.6	42	<0.1	3.0	3.8	463	1.62	1.0	2.1	9.8	6.2	44	<0.1	<0.1	<0.1	29



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-165

Report Date: September 06, 2010

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI10000383.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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																				<0.005
BLK	Blank																				<0.005
BLK	Blank	<0.01	<0.001	<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	Prep Blank	0.42	0.079	10	8	0.51	165	0.109	<1	0.78	0.050	0.46	0.1	0.02	1.6	0.3	<0.05	4	<0.5	<0.2	
G1	Prep Blank	0.51	0.074	9	10	0.54	168	0.105	<1	0.78	0.055	0.45	0.1	0.02	1.5	0.3	<0.05	4	<0.5	<0.2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: August 09, 2010
Report Date: August 30, 2010
Page: 1 of 10

CERTIFICATE OF ANALYSIS

SMI10000384.1

CLIENT JOB INFORMATION

Project: Kwanika-166
Shipment ID: 2010-09
P.O. Number
Number of Samples: 249

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
7AR	9	1:1:1 Aqua Regia Digestion ICP-ES Finish	1	Completed	VAN
R200-250	241	Crush split and pulverize 250g drill core to 200 mesh			SMI
1DX2	249	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G601	24	Fire Assay fusion Au by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 2 of 10 Part 1

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
539213	Drill Core		5.76	1.5	272.9	2.4	59	0.7	3.3	10.8	898	4.52	3.8	0.4	85.4	1.2	81	0.2	0.2	0.1	143
539214	Drill Core		5.20	0.7	286.7	1.9	62	0.4	2.8	9.7	1030	3.89	4.1	0.3	44.3	1.3	85	0.2	0.2	0.1	146
539215	Drill Core		4.39	1.6	935.7	2.1	84	0.6	3.1	14.7	1156	4.54	6.1	0.8	48.7	1.0	119	0.3	0.2	0.1	144
539216	Drill Core		4.62	6.0	638.0	3.2	81	0.8	3.1	27.1	1102	4.68	34.1	0.9	115.6	0.7	77	0.3	0.4	0.2	86
539217	Drill Core		5.35	3.3	652.6	2.2	83	0.7	3.1	27.3	1279	6.11	16.9	0.6	111.3	0.8	31	<0.1	0.5	0.3	79
539218	Drill Core		6.21	3.8	315.1	1.7	86	0.2	2.3	22.3	1420	5.19	4.8	0.6	42.8	0.8	50	<0.1	<0.1	0.2	126
539219	Drill Core		4.04	0.8	376.3	1.8	151	0.3	17.4	26.9	3872	5.86	3.0	0.3	21.3	0.7	47	<0.1	0.2	0.2	219
539220	Drill Core		5.56	4.8	382.2	2.8	139	0.4	26.6	31.2	3093	6.66	2.0	0.3	41.4	0.7	42	0.1	0.1	0.3	240
539221	Drill Core		5.52	1.9	253.9	2.3	200	0.3	84.9	21.5	3053	5.44	1.2	0.5	25.8	1.2	32	<0.1	<0.1	0.2	192
539222	Drill Core		2.61	0.9	271.7	2.3	169	0.2	106.4	23.8	2429	4.42	1.1	0.6	20.1	1.4	28	<0.1	<0.1	0.2	150
539223	Drill Core		3.78	4.1	696.9	4.3	134	0.4	66.0	29.9	3074	7.05	3.8	0.6	57.7	0.9	72	<0.1	0.2	0.4	166
539224	Drill Core		5.34	1.8	277.8	3.3	131	0.3	33.6	28.8	3923	5.51	4.2	0.3	23.9	0.8	105	0.1	0.2	0.2	219
539225	Rock Pulp	0.467	0.11	237.1	4373	39.8	146	2.1	23.0	18.0	493	4.15	106.9	0.6	455.9	1.8	33	1.1	6.7	0.6	74
539226	Drill Core		4.26	0.7	127.5	2.2	113	0.1	28.1	20.5	2470	4.06	6.1	0.3	11.5	0.8	87	0.1	0.4	0.2	172
539227	Drill Core		5.55	0.6	199.7	3.1	127	0.2	29.1	36.8	2527	4.70	6.7	0.3	27.3	0.7	129	0.1	0.5	0.2	156
539228	Drill Core		6.11	0.5	132.3	2.3	114	0.1	27.2	18.9	3302	4.17	6.9	0.3	14.2	0.7	143	0.3	0.4	0.2	170
539229	Drill Core		4.12	0.7	200.7	2.7	170	0.3	37.0	31.7	4611	6.84	3.7	0.3	28.8	0.8	104	0.1	0.2	0.4	251
539230	Drill Core		4.37	0.3	65.9	1.8	139	0.1	36.9	23.4	4309	5.79	3.9	0.3	11.7	0.8	106	0.1	0.2	0.2	261
539231	Drill Core		5.62	0.7	411.6	3.0	155	0.4	42.3	36.7	3446	7.80	4.1	0.3	36.9	0.7	58	<0.1	0.1	0.5	221
539232	Drill Core		4.50	1.4	650.0	3.3	144	0.6	46.1	37.0	3065	8.11	4.1	0.3	49.1	0.7	92	<0.1	0.1	0.5	219
539233	Drill Core		5.75	1.2	318.7	3.2	138	0.4	36.0	31.9	3622	7.37	5.2	0.3	45.1	0.7	85	0.1	0.1	0.3	198
539234	Drill Core		5.16	0.8	121.1	2.4	103	0.1	30.0	18.8	3990	6.17	2.7	0.3	22.3	0.7	91	0.1	<0.1	0.2	219
539235	Drill Core		5.61	0.5	122.8	2.3	142	0.2	37.2	33.9	3327	6.42	2.3	0.3	32.9	0.6	48	<0.1	<0.1	0.3	284
539236	Drill Core		5.45	0.5	100.6	1.9	176	0.3	37.3	29.1	4168	6.65	3.1	0.3	26.8	0.8	58	<0.1	<0.1	0.3	280
539237	Drill Core		5.28	0.8	188.6	2.5	150	0.3	39.8	40.7	2876	7.28	3.2	0.4	41.4	0.6	48	<0.1	0.1	0.6	284
539238	Drill Core		4.94	0.5	108.6	1.6	139	0.2	36.8	27.1	4075	6.59	3.4	0.2	17.5	0.8	138	0.1	0.1	0.3	323
539239	Drill Core		5.70	0.9	182.4	2.1	121	0.2	35.9	33.3	2985	6.88	3.8	0.3	35.6	0.7	116	<0.1	0.1	0.4	267
539240	Rock		0.55	0.9	20.3	4.2	53	<0.1	20.6	7.7	529	2.30	3.7	0.7	0.8	3.8	69	<0.1	0.4	0.1	48
539241	Drill Core		5.49	0.5	119.9	2.1	124	0.2	34.4	20.0	3851	5.88	5.0	0.2	18.5	0.7	108	<0.1	0.2	0.2	278
539242	Drill Core		5.53	0.4	139.7	1.3	123	0.2	35.8	21.8	3677	6.56	3.9	0.3	19.4	0.8	143	0.1	0.1	0.2	272

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 2 of 10 Part 2

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.05	1	0.5	0.2	0.005		
539213	Drill Core	1.22	0.227	6	2	0.77	531	0.038	9	1.10	0.139	0.77	0.2	<0.01	10.1	0.4	0.08	3	1.2	0.4	
539214	Drill Core	1.33	0.234	5	1	0.93	745	0.046	12	1.32	0.176	0.93	<0.1	<0.01	12.4	0.5	<0.05	4	1.6	<0.2	
539215	Drill Core	1.96	0.200	5	1	1.45	365	0.038	10	1.23	0.150	0.81	<0.1	0.04	11.9	0.4	0.37	4	3.9	<0.2	
539216	Drill Core	2.19	0.151	3	1	1.49	44	0.002	9	0.83	0.113	0.44	<0.1	0.05	8.4	0.3	2.20	2	7.6	0.6	0.103
539217	Drill Core	1.95	0.190	3	1	1.83	25	0.004	6	0.93	0.066	0.51	<0.1	0.03	7.2	0.2	3.25	3	2.3	0.3	0.092
539218	Drill Core	2.22	0.177	4	1	1.88	95	0.005	6	0.88	0.094	0.40	<0.1	0.02	10.2	0.1	1.11	3	1.4	0.3	
539219	Drill Core	2.32	0.204	6	9	2.28	95	0.125	5	1.34	0.097	0.78	<0.1	0.01	17.3	0.3	1.36	6	0.9	<0.2	
539220	Drill Core	1.66	0.202	7	29	2.57	40	0.193	4	1.91	0.108	1.11	0.1	0.01	18.0	0.5	2.83	8	2.1	0.3	
539221	Drill Core	1.17	0.166	7	135	2.73	79	0.187	3	2.29	0.087	1.28	<0.1	0.01	13.4	0.6	1.88	9	1.8	<0.2	
539222	Drill Core	0.87	0.137	7	230	2.44	79	0.152	2	2.16	0.079	1.02	<0.1	<0.01	9.6	0.4	1.75	8	1.4	0.4	
539223	Drill Core	2.26	0.165	6	106	3.11	31	0.089	2	2.43	0.069	0.64	0.1	0.03	12.9	0.3	4.02	8	3.1	<0.2	
539224	Drill Core	3.71	0.201	8	44	2.41	98	0.034	4	2.29	0.143	0.20	<0.1	0.02	16.3	<0.1	1.56	9	2.3	0.3	
539225	Rock Pulp	0.44	0.098	10	27	0.62	36	0.055	3	0.97	0.022	0.58	1.1	0.11	5.2	0.4	2.30	3	8.1	0.7	0.385
539226	Drill Core	2.28	0.217	6	34	2.15	152	0.045	3	1.82	0.158	0.13	<0.1	<0.01	8.5	<0.1	0.73	8	<0.5	<0.2	
539227	Drill Core	2.64	0.207	6	32	2.06	93	0.048	3	1.82	0.150	0.14	<0.1	<0.01	8.9	<0.1	1.62	7	1.5	0.6	
539228	Drill Core	3.19	0.206	7	34	2.29	147	0.041	3	1.85	0.146	0.13	<0.1	<0.01	11.5	<0.1	0.70	7	0.6	<0.2	
539229	Drill Core	3.04	0.217	8	53	3.82	49	0.044	3	3.21	0.086	0.19	<0.1	<0.01	19.2	<0.1	2.12	12	1.3	0.7	
539230	Drill Core	2.90	0.213	7	56	2.69	150	0.098	4	2.52	0.170	0.38	<0.1	<0.01	22.3	0.1	1.06	9	0.9	<0.2	
539231	Drill Core	1.89	0.226	6	57	2.99	25	0.125	5	3.01	0.110	0.65	<0.1	0.01	19.0	0.3	3.97	11	2.1	0.4	
539232	Drill Core	2.04	0.203	6	60	2.78	23	0.108	3	2.66	0.081	0.52	<0.1	0.02	18.3	0.2	5.00	10	3.4	0.7	
539233	Drill Core	2.46	0.224	6	54	3.05	29	0.139	6	3.28	0.094	0.72	<0.1	<0.01	17.5	0.3	3.12	11	1.9	0.2	
539234	Drill Core	3.17	0.205	7	41	2.97	79	0.152	3	2.86	0.090	0.77	0.1	<0.01	17.0	0.3	1.67	9	1.4	<0.2	
539235	Drill Core	1.46	0.216	6	54	3.74	46	0.231	3	3.52	0.089	1.06	<0.1	0.01	22.0	0.5	2.70	11	3.7	<0.2	
539236	Drill Core	1.86	0.220	8	56	2.86	70	0.159	5	2.89	0.097	0.73	<0.1	0.01	21.9	0.3	2.14	10	1.8	0.2	
539237	Drill Core	1.28	0.221	6	60	3.70	29	0.231	3	3.28	0.088	0.95	<0.1	0.01	23.4	0.4	3.72	11	2.6	0.5	
539238	Drill Core	2.33	0.226	7	59	2.56	118	0.149	3	2.34	0.121	0.60	<0.1	<0.01	22.8	0.2	1.49	9	1.6	0.3	
539239	Drill Core	2.10	0.218	7	54	3.05	49	0.183	5	2.92	0.089	0.77	<0.1	0.02	22.1	0.3	2.60	11	2.7	0.4	
539240	Rock	0.67	0.070	12	21	0.63	153	0.117	2	1.01	0.071	0.12	0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2	
539241	Drill Core	3.31	0.213	8	52	2.42	130	0.134	4	2.53	0.123	0.60	<0.1	<0.01	20.4	0.2	1.29	9	1.4	<0.2	
539242	Drill Core	3.67	0.199	7	54	2.20	173	0.073	4	2.23	0.102	0.31	<0.1	<0.01	21.4	<0.1	1.02	9	1.4	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 3 of 10 Part 1

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
539243	Drill Core		5.34	0.4	235.5	2.7	116	0.3	33.2	28.3	4243	5.84	4.2	0.3	26.1	0.7	158	0.1	0.2	0.2	221
539244	Drill Core		5.11	0.6	234.3	2.4	166	0.3	35.6	31.7	2444	6.55	2.7	0.3	25.2	0.6	44	<0.1	<0.1	0.4	270
539245	Drill Core	0.227	4.87	0.6	2148	2.4	166	1.5	34.9	26.1	3090	5.99	3.3	0.3	150.1	0.7	83	0.1	0.1	0.4	276
539246	Drill Core		5.67	0.3	499.6	2.0	152	0.4	35.0	22.3	4027	6.30	3.7	0.3	39.9	0.8	80	<0.1	<0.1	0.2	272
539247	Drill Core		5.83	0.3	158.8	2.2	196	0.2	35.1	25.2	3755	6.49	3.9	0.4	23.7	0.7	81	<0.1	<0.1	0.3	251
539248	Drill Core		5.65	2.5	289.8	3.0	216	0.6	47.1	28.1	3742	7.16	3.4	0.3	34.3	0.5	56	<0.1	<0.1	0.5	226
539249	Drill Core		5.66	0.7	222.5	2.0	196	0.4	46.3	27.2	3210	6.80	3.5	0.3	29.8	0.7	52	<0.1	<0.1	0.3	279
539250	Drill Core		5.66	0.6	175.7	3.4	228	0.4	40.4	32.6	3576	6.34	3.1	0.3	25.4	0.7	49	<0.1	<0.1	0.4	235
539251	Drill Core		4.36	1.9	213.5	3.5	105	0.3	60.5	37.3	1977	6.92	5.3	0.5	49.2	0.6	40	<0.1	0.1	0.5	201
539252	Drill Core		5.39	1.6	300.4	2.7	116	0.3	70.1	36.7	2234	7.50	4.3	0.3	60.3	0.5	44	<0.1	<0.1	0.4	269
539253	Drill Core		5.38	5.0	359.3	2.6	64	0.3	51.3	32.3	1778	5.79	5.1	0.4	43.0	1.0	76	0.1	0.1	0.3	200
539254	Drill Core		4.45	1.5	1015	2.0	38	0.3	24.8	25.6	1089	3.85	2.6	0.3	117.6	1.3	84	<0.1	0.1	0.1	118
539255	Drill Core	0.477	2.18	3.7	4422	2.5	49	1.1	76.7	66.5	1425	6.55	3.7	0.4	484.1	1.1	82	<0.1	0.1	0.4	198
539256	Drill Core	0.504	2.42	3.5	4702	2.5	48	1.2	68.5	62.1	1498	6.43	3.4	0.4	475.1	1.0	91	<0.1	<0.1	0.4	196
539257	Drill Core	0.425	4.88	6.1	4069	2.4	52	1.2	81.0	65.8	1289	7.72	5.1	0.4	292.6	0.9	80	<0.1	0.1	0.5	208
539258	Drill Core	0.398	4.41	2.9	3763	1.9	48	1.0	56.5	54.0	1185	6.64	4.0	0.3	223.9	0.8	70	<0.1	0.2	0.4	184
539259	Drill Core		5.34	7.0	310.4	2.2	44	0.2	7.2	15.4	880	2.90	2.8	0.3	20.4	1.2	95	<0.1	0.2	<0.1	88
539260	Drill Core		5.16	36.7	302.9	3.8	33	0.2	6.0	9.0	743	2.25	3.6	0.5	16.5	1.5	83	0.1	0.2	<0.1	64
539261	Drill Core		5.18	5.3	265.7	2.7	26	0.1	7.7	10.8	596	3.25	3.4	0.5	14.9	1.4	38	0.1	0.1	<0.1	58
539262	Drill Core		5.27	3.1	303.5	1.5	84	0.1	59.1	19.1	1943	5.76	3.1	0.5	29.1	0.8	55	<0.1	<0.1	0.2	314
539263	Drill Core		5.76	1.6	526.2	2.6	65	0.2	50.4	37.3	1558	6.13	4.6	0.5	38.3	1.6	56	<0.1	0.1	0.2	230
539264	Drill Core		3.71	10.3	390.1	3.1	38	0.2	13.1	17.4	1028	3.43	3.4	0.6	33.1	1.8	102	0.1	0.1	<0.1	92
539265	Drill Core		4.92	11.3	220.5	2.2	34	0.2	1.7	6.9	757	2.87	3.1	0.2	30.8	1.0	177	<0.1	0.1	<0.1	85
539266	Drill Core		5.03	0.3	32.4	2.6	31	<0.1	1.2	7.7	768	3.10	2.3	0.3	1.8	1.0	254	0.1	0.1	<0.1	108
539267	Drill Core		5.94	7.7	410.6	3.3	40	0.2	7.0	14.7	787	3.22	4.2	0.3	39.7	1.0	175	<0.1	0.2	0.1	104
539268	Drill Core		5.44	1.6	447.8	2.7	35	0.3	4.6	16.4	728	3.21	3.4	0.3	47.1	1.1	220	<0.1	0.1	0.2	90
539269	Drill Core		3.76	6.1	653.9	3.1	29	0.3	5.9	15.0	562	3.07	3.7	0.3	24.3	1.5	258	<0.1	0.1	0.2	80
539270	Rock Pulp		0.10	150.2	1811	24.9	69	2.2	18.4	18.2	385	3.84	27.4	4.5	220.3	10.6	70	1.0	7.4	2.7	54
539271	Drill Core		4.55	4.9	159.2	3.8	33	0.1	4.8	10.8	569	3.00	3.6	0.5	31.6	1.7	161	<0.1	<0.1	<0.1	82
539272	Drill Core		4.47	1.3	202.3	2.7	36	<0.1	4.1	12.2	602	3.17	4.3	0.5	12.9	1.6	410	0.1	0.2	0.1	87

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 3 of 10 Part 2

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.05	1	0.5	0.2	0.005		
539243	Drill Core	3.92	0.206	8	49	2.36	90	0.081	3	2.40	0.088	0.35	<0.1	0.02	19.2	0.1	1.46	9	2.0	1.1	
539244	Drill Core	1.16	0.217	7	57	3.72	45	0.229	5	3.43	0.079	1.10	<0.1	<0.01	22.0	0.4	2.47	12	2.9	0.3	
539245	Drill Core	2.15	0.208	8	56	2.92	60	0.116	4	2.88	0.082	0.54	<0.1	<0.01	21.8	0.2	1.89	11	4.6	0.2	0.142
539246	Drill Core	2.49	0.219	7	57	2.57	97	0.088	4	2.61	0.099	0.47	<0.1	<0.01	21.2	0.1	1.34	10	1.9	<0.2	
539247	Drill Core	1.94	0.209	7	55	3.35	87	0.233	5	3.57	0.112	1.26	<0.1	<0.01	22.6	0.5	1.72	11	1.4	<0.2	
539248	Drill Core	1.56	0.216	6	72	3.48	81	0.194	4	3.48	0.094	0.99	<0.1	<0.01	22.8	0.3	3.08	10	2.6	0.6	
539249	Drill Core	1.39	0.228	7	73	3.28	65	0.176	5	3.33	0.093	0.87	<0.1	<0.01	22.2	0.3	2.09	11	1.8	0.3	
539250	Drill Core	1.59	0.219	6	71	3.67	69	0.222	6	3.57	0.093	1.12	<0.1	<0.01	21.1	0.4	2.39	11	2.1	0.5	
539251	Drill Core	1.43	0.201	6	117	3.70	35	0.141	5	3.53	0.067	0.88	<0.1	0.01	18.4	0.3	4.29	9	4.6	<0.2	
539252	Drill Core	1.36	0.207	5	136	3.81	32	0.191	6	3.62	0.086	1.02	<0.1	0.01	22.0	0.4	3.86	11	5.0	0.3	
539253	Drill Core	2.26	0.163	9	93	2.67	43	0.134	4	2.64	0.095	0.71	<0.1	<0.01	16.4	0.2	2.94	9	3.6	0.7	
539254	Drill Core	2.82	0.139	14	46	1.19	226	0.058	5	1.54	0.093	0.38	<0.1	<0.01	9.3	<0.1	0.60	7	1.4	<0.2	0.134
539255	Drill Core	3.59	0.180	13	123	2.62	90	0.209	4	2.75	0.075	0.93	<0.1	0.01	18.4	0.1	2.07	12	5.2	<0.2	0.379
539256	Drill Core	3.89	0.173	14	122	2.63	77	0.199	4	2.82	0.077	0.89	<0.1	0.01	18.8	0.1	1.94	13	5.1	<0.2	0.516
539257	Drill Core	3.15	0.216	12	122	2.68	62	0.180	6	2.88	0.088	0.83	<0.1	0.02	19.8	0.1	3.48	11	6.9	<0.2	0.281
539258	Drill Core	2.75	0.213	12	100	2.17	50	0.157	4	2.37	0.087	0.66	<0.1	0.01	18.2	0.1	2.85	11	6.6	<0.2	0.162
539259	Drill Core	2.21	0.101	12	11	1.07	371	0.018	2	1.31	0.076	0.19	<0.1	<0.01	4.2	<0.1	0.28	7	<0.5	<0.2	
539260	Drill Core	1.48	0.089	10	12	1.31	131	0.013	2	1.50	0.061	0.30	<0.1	<0.01	4.6	<0.1	0.95	7	1.0	<0.2	
539261	Drill Core	0.64	0.107	7	11	1.37	46	0.006	3	1.78	0.062	0.49	<0.1	<0.01	3.3	<0.1	2.37	5	2.2	<0.2	
539262	Drill Core	2.07	0.206	8	139	3.20	62	0.156	3	2.61	0.099	0.52	<0.1	0.02	22.8	0.2	2.02	11	1.7	0.3	
539263	Drill Core	1.97	0.156	9	96	2.85	50	0.084	3	2.43	0.081	0.26	<0.1	0.05	15.1	<0.1	2.59	10	2.1	0.4	
539264	Drill Core	3.25	0.097	12	22	1.10	271	0.011	4	1.50	0.067	0.22	0.1	<0.01	7.2	<0.1	0.63	6	<0.5	<0.2	
539265	Drill Core	2.59	0.098	11	6	0.73	831	0.013	4	1.06	0.087	0.20	0.1	<0.01	3.2	<0.1	0.09	5	<0.5	<0.2	
539266	Drill Core	2.59	0.103	13	3	0.85	1081	0.025	3	1.03	0.133	0.15	<0.1	<0.01	3.7	<0.1	<0.05	6	<0.5	<0.2	
539267	Drill Core	2.66	0.125	11	13	1.10	242	0.021	5	1.37	0.081	0.20	<0.1	<0.01	5.8	<0.1	0.58	6	0.7	<0.2	
539268	Drill Core	2.42	0.120	11	8	1.15	146	0.017	4	1.27	0.078	0.19	0.1	0.01	4.4	<0.1	0.91	6	1.1	<0.2	
539269	Drill Core	2.03	0.114	10	9	0.96	77	0.031	2	1.15	0.077	0.21	0.1	0.02	4.5	<0.1	1.66	5	2.1	<0.2	
539270	Rock Pulp	1.75	0.069	19	70	0.84	95	0.038	6	1.58	0.053	0.57	2.1	0.10	5.1	0.3	1.71	5	2.6	0.4	0.197
539271	Drill Core	1.45	0.112	8	8	0.98	76	0.042	3	1.14	0.097	0.30	0.1	0.03	4.7	<0.1	1.60	5	0.9	<0.2	
539272	Drill Core	1.66	0.104	9	8	1.01	89	0.034	3	1.11	0.082	0.20	0.2	0.02	4.4	<0.1	1.48	6	0.9	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 4 of 10 Part 1

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
539273	Drill Core		5.20	7.0	1717	2.9	40	0.5	6.0	27.1	685	2.96	5.0	0.3	263.2	1.4	832	0.2	0.1	0.2	75
539274	Drill Core		5.00	6.6	183.6	1.8	22	<0.1	2.9	8.2	527	2.88	3.8	0.3	20.7	1.2	371	<0.1	<0.1	<0.1	77
539275	Drill Core		4.87	12.5	1291	2.1	29	0.5	6.9	18.4	648	3.18	5.5	0.3	167.2	1.1	286	<0.1	0.1	<0.1	83
539276	Drill Core		4.73	2.5	296.0	1.5	21	<0.1	2.6	6.2	581	2.69	7.0	0.3	22.4	1.1	437	0.1	0.2	<0.1	61
539277	Drill Core		4.88	2.2	166.0	1.1	18	<0.1	3.2	5.4	499	3.09	3.5	0.3	12.7	1.4	277	<0.1	0.1	<0.1	92
539278	Drill Core		5.63	2.1	80.2	1.5	23	<0.1	2.7	5.2	598	3.10	4.3	0.3	18.7	1.5	330	<0.1	<0.1	<0.1	93
539279	Drill Core		6.20	2.8	202.8	1.7	23	<0.1	4.2	9.0	593	2.76	2.7	0.3	17.2	1.3	404	<0.1	0.1	<0.1	78
539280	Drill Core		4.19	1.8	489.0	1.3	30	0.2	8.2	19.4	835	3.77	3.0	0.4	48.6	1.1	217	<0.1	0.2	<0.1	134
539281	Drill Core		4.81	3.2	298.2	1.8	29	0.1	8.9	13.2	678	3.37	3.3	0.6	9.3	2.1	359	<0.1	0.1	<0.1	100
539282	Drill Core		3.27	0.8	238.7	2.2	29	<0.1	7.5	10.6	599	2.81	2.9	0.5	12.5	1.9	523	<0.1	0.2	<0.1	72
539283	Drill Core		4.23	1.9	112.1	2.1	24	<0.1	1.3	6.4	418	2.17	3.5	0.3	12.5	1.7	304	<0.1	0.2	<0.1	46
539284	Drill Core		5.15	0.7	13.6	1.8	24	<0.1	1.7	5.7	510	2.56	1.6	0.3	1.6	1.7	256	<0.1	0.1	<0.1	65
539285	Rock Pulp	0.464	0.10	220.9	3985	37.9	134	2.1	20.1	16.0	459	3.83	94.8	0.6	362.3	1.7	29	1.2	6.1	0.6	70
539286	Drill Core		5.56	2.1	63.2	2.0	25	<0.1	1.1	5.4	545	2.32	5.9	0.3	14.3	1.5	215	<0.1	0.2	<0.1	53
539287	Drill Core		4.74	0.6	39.0	2.1	26	<0.1	1.5	4.9	673	2.42	2.7	0.3	21.9	1.3	195	<0.1	0.1	<0.1	52
539288	Drill Core		5.15	0.3	16.1	1.8	24	<0.1	1.9	5.9	631	2.63	2.2	0.3	4.9	1.5	171	<0.1	0.1	<0.1	75
539289	Drill Core		4.04	1.0	19.6	2.2	26	<0.1	1.7	5.6	503	1.92	1.6	0.3	<0.5	1.6	199	<0.1	0.1	<0.1	41
539290	Drill Core		5.13	0.4	138.1	2.6	24	<0.1	1.0	4.2	463	1.72	5.4	0.3	15.4	1.5	167	<0.1	0.1	<0.1	28
539291	Drill Core		5.55	1.0	33.1	2.5	29	<0.1	1.0	4.1	468	2.02	2.6	0.3	8.2	1.6	171	<0.1	0.1	<0.1	41
539292	Drill Core		4.38	1.6	43.9	3.7	32	<0.1	1.2	3.8	491	1.89	4.4	0.2	3.0	1.4	242	0.1	<0.1	<0.1	35
539293	Drill Core		4.78	2.1	96.9	3.1	32	0.2	1.3	4.9	470	2.04	2.1	0.2	1.4	1.6	148	0.1	0.1	<0.1	40
539294	Drill Core		4.35	1.9	52.7	3.5	34	0.1	0.9	4.9	469	2.03	1.5	0.2	0.8	1.2	98	0.1	0.1	<0.1	34
539295	Drill Core		4.33	11.7	205.4	3.2	34	0.1	0.7	6.2	471	2.14	3.1	0.2	3.6	0.9	115	0.2	0.1	<0.1	33
539296	Drill Core		4.09	8.8	370.5	3.0	30	0.2	0.5	5.5	399	2.04	2.4	0.1	6.8	0.7	96	0.1	<0.1	<0.1	39
539297	Drill Core		5.58	2.5	247.6	2.8	42	0.1	0.6	2.7	434	2.08	2.5	0.1	4.3	0.6	92	0.2	0.2	<0.1	43
539298	Drill Core		3.41	3.0	58.1	1.8	21	<0.1	0.7	2.3	333	1.43	11.9	0.2	0.8	0.6	107	0.2	<0.1	<0.1	25
539299	Drill Core		5.17	59.7	1120	1.3	17	0.4	0.9	6.0	260	1.44	15.5	0.3	13.8	0.6	72	0.2	0.2	<0.1	20
539300	Rock		0.55	0.7	16.6	3.4	40	<0.1	18.7	7.8	388	2.14	2.7	0.5	<0.5	2.5	36	0.1	0.3	<0.1	43
539301	Drill Core		5.41	17.2	289.4	0.6	11	0.4	0.6	2.3	254	1.47	2.0	0.2	12.1	0.6	78	<0.1	<0.1	<0.1	28
539302	Drill Core		5.07	6.7	85.6	0.7	11	<0.1	0.3	1.6	255	1.42	1.9	0.1	8.9	0.6	124	<0.1	<0.1	<0.1	22

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 4 of 10 Part 2

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.05	1	0.5	0.2	0.005		
539273	Drill Core	2.53	0.112	9	9	1.08	136	0.018	2	1.26	0.068	0.14	0.1	0.01	4.1	<0.1	1.09	8	1.4	<0.2	0.226
539274	Drill Core	2.35	0.091	14	4	0.57	586	0.006	3	0.95	0.071	0.20	<0.1	<0.01	1.9	<0.1	0.24	5	<0.5	<0.2	
539275	Drill Core	2.70	0.110	13	17	0.70	418	0.006	4	1.09	0.071	0.22	<0.1	<0.01	3.1	<0.1	0.30	5	<0.5	<0.2	0.197
539276	Drill Core	3.22	0.102	14	2	0.50	709	0.003	4	0.97	0.059	0.27	<0.1	<0.01	1.6	<0.1	0.19	4	<0.5	<0.2	
539277	Drill Core	2.30	0.097	14	2	0.53	512	0.003	2	0.80	0.067	0.18	<0.1	<0.01	2.2	<0.1	0.08	4	<0.5	<0.2	
539278	Drill Core	2.97	0.099	16	5	0.56	623	0.004	4	0.85	0.074	0.19	<0.1	<0.01	2.6	<0.1	0.11	5	<0.5	<0.2	
539279	Drill Core	2.71	0.098	12	9	0.68	765	0.005	3	0.90	0.066	0.18	<0.1	<0.01	3.0	<0.1	0.18	4	<0.5	<0.2	
539280	Drill Core	3.82	0.154	11	36	1.38	253	0.014	3	1.55	0.101	0.17	<0.1	<0.01	8.0	<0.1	0.28	7	<0.5	<0.2	
539281	Drill Core	2.54	0.092	11	23	1.33	144	0.013	2	1.36	0.082	0.11	<0.1	0.02	6.6	<0.1	0.90	6	1.4	<0.2	
539282	Drill Core	1.76	0.081	7	13	1.02	163	0.014	4	1.16	0.069	0.17	<0.1	0.02	5.2	<0.1	0.65	5	1.2	<0.2	
539283	Drill Core	1.95	0.085	10	<1	0.53	439	0.002	3	0.74	0.075	0.19	<0.1	<0.01	1.7	<0.1	0.11	4	<0.5	<0.2	
539284	Drill Core	2.27	0.094	11	2	0.55	438	0.003	3	0.82	0.081	0.18	<0.1	<0.01	2.2	<0.1	<0.05	4	<0.5	<0.2	
539285	Rock Pulp	0.39	0.084	9	27	0.57	35	0.052	4	0.95	0.024	0.54	1.0	0.10	5.6	0.4	2.10	4	6.4	0.6	0.347
539286	Drill Core	2.84	0.102	12	1	0.48	534	0.002	3	0.76	0.071	0.19	<0.1	<0.01	2.1	<0.1	0.07	4	<0.5	<0.2	
539287	Drill Core	3.46	0.099	11	2	0.56	409	0.002	5	0.72	0.081	0.25	<0.1	<0.01	2.0	<0.1	<0.05	3	<0.5	<0.2	
539288	Drill Core	3.38	0.105	12	1	0.51	490	0.002	3	0.73	0.085	0.20	<0.1	<0.01	2.8	<0.1	<0.05	3	<0.5	<0.2	
539289	Drill Core	2.79	0.084	10	2	0.39	667	0.002	3	0.51	0.080	0.23	<0.1	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2	
539290	Drill Core	2.46	0.063	10	1	0.37	500	0.001	3	0.36	0.071	0.22	<0.1	<0.01	1.0	<0.1	0.07	1	<0.5	<0.2	
539291	Drill Core	2.07	0.068	10	2	0.35	462	0.002	3	0.41	0.090	0.20	<0.1	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2	
539292	Drill Core	2.31	0.059	8	1	0.45	674	0.001	3	0.34	0.083	0.18	<0.1	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2	
539293	Drill Core	1.96	0.061	9	2	0.40	473	0.002	2	0.41	0.086	0.20	<0.1	<0.01	1.6	<0.1	0.07	2	<0.5	<0.2	
539294	Drill Core	2.06	0.059	7	1	0.49	511	0.001	2	0.34	0.078	0.19	<0.1	<0.01	1.4	<0.1	0.08	2	<0.5	<0.2	
539295	Drill Core	2.15	0.056	7	1	0.49	669	<0.001	2	0.33	0.080	0.21	0.1	<0.01	1.2	<0.1	0.11	1	<0.5	<0.2	
539296	Drill Core	1.65	0.054	6	1	0.40	411	0.001	2	0.30	0.079	0.17	<0.1	<0.01	1.3	<0.1	0.09	1	<0.5	<0.2	
539297	Drill Core	1.91	0.059	6	1	0.43	448	0.001	3	0.36	0.084	0.20	<0.1	<0.01	1.3	<0.1	<0.05	2	<0.5	<0.2	
539298	Drill Core	2.09	0.042	6	1	0.38	444	<0.001	3	0.33	0.074	0.23	<0.1	<0.01	1.1	<0.1	0.06	1	<0.5	<0.2	
539299	Drill Core	1.62	0.035	6	2	0.35	400	<0.001	2	0.32	0.079	0.21	<0.1	0.01	1.0	<0.1	0.22	1	<0.5	<0.2	
539300	Rock	0.55	0.062	10	19	0.62	161	0.114	2	0.97	0.074	0.11	<0.1	0.02	3.0	<0.1	<0.05	3	<0.5	<0.2	
539301	Drill Core	1.59	0.037	6	3	0.35	506	0.001	2	0.34	0.086	0.21	<0.1	<0.01	1.0	<0.1	0.06	1	<0.5	<0.2	
539302	Drill Core	1.62	0.036	5	1	0.33	597	<0.001	2	0.33	0.076	0.23	0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 5 of 10 Part 1

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
539303	Drill Core		4.39	3.3	53.8	0.4	10	<0.1	0.2	1.4	260	1.32	1.0	0.1	0.6	0.5	80	<0.1	<0.1	<0.1	21
539304	Drill Core		4.94	4.8	132.1	0.4	9	<0.1	0.2	1.6	251	1.34	1.4	0.2	1.4	0.5	79	<0.1	<0.1	<0.1	22
539305	Drill Core		6.33	1.6	3.7	0.5	9	<0.1	0.3	1.9	224	1.27	1.8	0.2	2.7	0.5	77	<0.1	<0.1	<0.1	24
539306	Drill Core		3.78	5.0	1.6	0.4	8	<0.1	0.3	1.4	339	1.36	1.0	0.1	<0.5	0.5	91	<0.1	0.1	<0.1	22
539307	Drill Core		5.68	1.5	4.7	0.7	11	<0.1	0.7	2.0	488	1.60	1.4	0.1	<0.5	0.9	141	<0.1	0.2	<0.1	24
539308	Drill Core		4.52	0.9	59.5	0.8	16	<0.1	1.8	4.4	726	2.22	2.4	0.3	2.1	1.3	305	0.2	0.3	<0.1	32
539309	Drill Core		5.36	5.8	168.4	1.5	37	0.2	10.7	14.8	962	3.87	47.1	0.6	42.6	0.7	127	<0.1	1.0	<0.1	35
539310	Drill Core		5.11	4.4	129.5	1.5	33	0.2	10.6	15.0	924	3.66	16.9	0.4	68.3	0.7	133	<0.1	0.4	<0.1	41
539311	Drill Core		4.76	1.7	191.6	1.9	33	0.2	12.2	12.9	1002	3.25	13.9	0.3	25.9	0.5	127	<0.1	0.2	0.2	45
539312	Drill Core		6.36	7.5	551.7	2.2	36	0.5	12.7	23.5	805	4.80	35.0	0.4	112.2	0.5	84	0.1	0.4	0.3	37
539313	Drill Core		4.39	3.1	606.4	1.7	37	0.4	6.0	27.0	664	5.26	93.7	0.3	96.6	0.7	43	<0.1	0.9	0.2	48
539314	Drill Core		5.59	1.3	215.4	1.3	32	0.2	5.2	17.1	692	4.33	32.2	0.2	69.2	0.7	63	<0.1	0.7	0.1	51
539315	Drill Core		2.40	0.7	271.2	1.3	28	0.2	4.7	16.1	911	4.01	13.6	0.3	29.1	0.8	85	<0.1	0.3	<0.1	58
539316	Drill Core		2.02	0.9	289.6	1.5	30	0.2	5.7	19.9	1072	4.21	18.6	0.3	58.6	0.7	110	<0.1	0.3	0.1	57
539317	Drill Core		3.22	0.8	269.7	2.2	39	0.3	5.2	19.1	884	4.15	12.5	0.3	16.7	0.9	87	<0.1	0.1	0.2	65
539318	Drill Core		4.81	5.9	337.5	10.8	55	0.4	9.5	18.2	1114	4.15	43.3	0.7	109.8	0.9	88	0.3	0.7	0.5	46
539319	Drill Core		4.50	3.6	302.1	3.1	42	0.1	12.7	28.5	827	4.34	3.7	0.4	24.2	0.9	94	0.1	<0.1	0.2	72
539320	Drill Core		4.84	2.2	224.7	1.9	46	0.1	15.0	21.1	858	4.90	2.0	0.4	12.2	1.1	154	<0.1	<0.1	0.2	96
539321	Drill Core		4.86	2.9	314.1	2.9	44	0.1	14.6	25.0	806	5.21	4.4	0.4	35.0	1.1	210	<0.1	0.1	0.2	108
539322	Drill Core		4.22	4.4	451.0	2.8	46	0.2	16.0	30.3	788	5.32	3.5	0.4	21.3	1.2	232	<0.1	0.1	0.3	111
539323	Drill Core		4.78	5.7	305.3	2.5	34	0.1	14.2	21.7	672	3.44	5.2	0.5	10.4	1.3	319	<0.1	0.3	0.2	74
539324	Drill Core		5.00	5.2	355.5	3.2	43	0.2	12.9	18.5	902	3.87	3.4	0.5	14.8	1.4	445	0.1	0.1	0.2	75
539325	Drill Core		4.95	1.5	304.1	3.0	42	0.1	14.5	17.5	933	3.56	3.7	0.5	9.1	1.6	350	<0.1	0.2	<0.1	121
539326	Drill Core		4.36	1.5	312.6	2.8	36	0.1	12.8	16.3	746	3.73	3.6	0.6	18.4	1.6	414	<0.1	0.2	<0.1	111
539327	Drill Core		4.78	1.3	228.7	4.9	42	0.2	11.2	14.4	796	3.47	4.0	0.6	22.4	2.1	181	0.1	0.2	0.1	93
539328	Drill Core		5.08	1.1	273.6	6.1	46	0.2	11.5	21.6	901	3.96	4.9	0.6	8.2	2.2	73	0.2	0.3	0.1	102
539329	Drill Core		4.97	0.7	141.1	3.1	44	<0.1	8.4	16.6	768	3.78	4.2	0.8	5.0	2.6	188	0.1	0.2	<0.1	120
539330	Rock Pulp		0.11	156.0	1776	22.0	65	2.0	17.3	18.5	382	3.88	28.3	4.3	191.9	9.3	65	1.1	7.4	2.5	55
539331	Drill Core		6.62	1.2	288.6	2.7	46	0.1	13.0	16.8	781	3.91	4.8	0.7	18.2	1.8	408	<0.1	0.3	<0.1	118
539332	Drill Core		6.54	2.6	225.5	1.2	42	0.2	7.4	13.4	915	3.99	3.1	0.7	12.3	2.9	213	<0.1	0.1	<0.1	81

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 5 of 10 Part 2

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
539303	Drill Core	1.56	0.032	4	2	0.33	449	<0.001	3	0.35	0.080	0.23	0.2	<0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2	
539304	Drill Core	1.59	0.035	5	1	0.33	400	<0.001	<1	0.26	0.073	0.20	0.2	<0.01	0.8	<0.1	0.06	<1	<0.5	<0.2	
539305	Drill Core	1.56	0.035	4	2	0.32	412	<0.001	3	0.33	0.085	0.21	0.2	<0.01	0.9	<0.1	0.05	1	<0.5	<0.2	
539306	Drill Core	2.01	0.034	5	1	0.49	562	<0.001	2	0.29	0.078	0.19	0.2	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2	
539307	Drill Core	2.93	0.051	5	2	0.49	603	<0.001	3	0.35	0.077	0.24	0.4	<0.01	1.1	<0.1	<0.05	1	<0.5	<0.2	
539308	Drill Core	3.75	0.074	6	3	0.69	1156	<0.001	5	0.38	0.078	0.25	0.5	<0.01	1.9	<0.1	0.05	1	<0.5	<0.2	
539309	Drill Core	2.82	0.081	4	11	1.24	44	<0.001	4	0.53	0.078	0.26	0.1	0.03	5.7	<0.1	1.63	2	0.9	<0.2	
539310	Drill Core	2.95	0.077	3	10	1.22	47	<0.001	6	0.59	0.084	0.26	<0.1	0.02	6.4	<0.1	1.68	2	1.0	<0.2	
539311	Drill Core	3.81	0.058	2	14	1.53	66	0.001	4	0.57	0.084	0.22	<0.1	0.05	8.6	0.1	1.42	2	0.7	<0.2	
539312	Drill Core	3.58	0.066	2	10	1.38	22	<0.001	5	0.57	0.082	0.25	<0.1	0.06	7.8	0.2	3.33	1	1.8	0.5	0.131
539313	Drill Core	2.45	0.113	3	5	1.22	35	0.002	5	0.63	0.085	0.32	<0.1	0.04	6.1	<0.1	2.89	2	2.7	0.5	
539314	Drill Core	2.67	0.116	4	3	1.10	63	0.002	6	0.70	0.106	0.35	<0.1	0.03	6.2	0.1	1.59	2	1.1	0.3	
539315	Drill Core	3.52	0.116	6	3	1.24	136	0.002	6	0.63	0.084	0.32	<0.1	0.02	7.1	<0.1	0.97	2	0.7	<0.2	
539316	Drill Core	4.74	0.111	6	3	1.45	73	0.001	4	0.38	0.076	0.27	<0.1	0.02	7.2	<0.1	1.17	1	1.1	<0.2	
539317	Drill Core	4.09	0.139	6	4	1.28	58	0.002	5	0.52	0.088	0.28	0.1	0.02	6.9	<0.1	1.57	2	1.3	<0.2	
539318	Drill Core	4.37	0.078	4	14	1.50	61	0.002	6	0.54	0.109	0.36	0.1	0.06	8.6	<0.1	1.50	2	1.1	<0.2	0.114
539319	Drill Core	2.79	0.095	4	31	1.54	96	0.008	6	0.79	0.094	0.46	0.2	0.02	12.6	0.2	1.35	3	1.4	<0.2	
539320	Drill Core	2.48	0.093	3	46	2.06	124	0.049	4	1.27	0.086	0.83	0.2	0.03	14.4	0.3	1.11	5	1.0	<0.2	
539321	Drill Core	2.11	0.105	4	55	2.00	70	0.085	3	1.72	0.069	1.02	0.3	0.03	14.2	0.3	1.68	7	1.7	0.3	
539322	Drill Core	2.10	0.116	5	51	2.01	61	0.084	3	1.82	0.090	0.97	0.2	0.04	14.9	0.3	1.98	7	3.0	0.3	
539323	Drill Core	2.42	0.118	4	37	1.24	70	0.019	4	1.06	0.096	0.50	0.1	0.03	13.4	0.1	1.45	4	1.4	<0.2	
539324	Drill Core	3.54	0.111	7	29	1.39	74	0.015	3	1.05	0.088	0.37	0.1	0.02	11.1	<0.1	1.56	4	0.9	<0.2	
539325	Drill Core	3.96	0.114	8	55	1.64	106	0.055	3	1.59	0.079	0.40	0.1	0.02	13.5	0.1	1.37	7	0.5	<0.2	
539326	Drill Core	3.35	0.108	8	46	1.72	95	0.037	2	1.74	0.073	0.33	0.1	0.03	10.2	<0.1	1.50	7	0.8	<0.2	
539327	Drill Core	2.92	0.095	9	30	1.11	201	0.006	2	1.33	0.073	0.19	<0.1	0.01	9.3	<0.1	0.79	6	<0.5	<0.2	
539328	Drill Core	2.85	0.093	10	27	1.14	99	0.013	2	1.42	0.072	0.16	<0.1	0.04	9.4	<0.1	0.73	6	<0.5	<0.2	
539329	Drill Core	3.01	0.107	10	20	1.41	204	0.026	2	1.54	0.067	0.20	<0.1	<0.01	10.4	<0.1	0.82	7	0.5	<0.2	
539330	Rock Pulp	1.74	0.071	18	63	0.81	82	0.035	5	1.47	0.052	0.50	2.2	0.10	5.1	0.3	1.68	5	2.6	0.3	0.295
539331	Drill Core	3.27	0.115	8	37	1.64	109	0.043	3	1.61	0.069	0.33	0.1	0.02	11.7	<0.1	1.40	7	0.8	<0.2	
539332	Drill Core	3.13	0.121	7	7	1.01	681	0.001	5	0.60	0.114	0.33	0.1	0.01	8.6	<0.1	0.26	2	0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 6 of 10 Part 1

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
539333	Drill Core		5.35	2.8	168.9	1.8	39	0.1	7.7	14.5	1047	3.69	4.5	1.3	10.3	3.9	152	<0.1	0.2	<0.1	75
539334	Drill Core		5.09	2.3	244.4	2.1	30	0.2	6.1	13.3	804	3.42	3.5	1.6	10.1	5.2	116	<0.1	0.1	0.1	64
539335	Drill Core		4.94	1.8	266.4	2.1	44	0.1	5.4	19.8	1295	4.15	5.0	1.2	15.5	3.2	188	<0.1	0.1	<0.1	92
539336	Drill Core		5.26	1.8	180.5	1.9	60	<0.1	6.3	19.4	1313	4.54	3.4	1.6	6.7	4.3	146	<0.1	0.2	<0.1	130
539337	Drill Core		5.34	1.2	314.9	1.6	41	<0.1	6.6	16.8	1031	4.29	3.0	1.6	11.0	5.3	104	<0.1	0.4	0.1	122
539338	Drill Core		4.91	0.4	344.1	1.5	47	0.1	12.4	17.6	1379	5.25	5.0	0.6	8.7	1.7	218	<0.1	0.7	0.1	142
539339	Drill Core		4.48	0.5	164.2	1.6	38	<0.1	7.4	16.9	1718	4.27	5.1	0.4	6.2	1.0	166	<0.1	0.4	<0.1	106
539340	Drill Core		4.88	0.9	305.4	1.5	43	0.1	8.3	13.8	1443	4.55	4.1	0.4	6.8	1.7	92	<0.1	0.6	0.1	126
539341	Drill Core		5.48	1.9	323.0	1.3	43	0.1	10.5	24.0	1327	5.78	4.6	0.4	13.3	0.9	140	<0.1	0.5	0.2	107
539342	Drill Core		5.28	1.8	242.9	1.3	48	<0.1	8.5	19.3	1112	5.01	3.2	0.4	5.3	1.4	128	<0.1	0.2	<0.1	100
539343	Drill Core		5.61	0.8	299.4	1.3	55	0.1	7.8	20.5	1423	4.27	5.4	0.3	14.8	0.9	165	<0.1	0.3	<0.1	106
539344	Drill Core		5.42	0.4	88.2	1.9	59	<0.1	7.0	16.0	1930	4.25	3.6	0.2	<0.5	0.7	302	<0.1	0.2	<0.1	103
539345	Rock Pulp	0.464	0.10	247.5	4487	39.8	151	2.4	22.4	19.0	522	4.43	117.8	0.6	416.5	1.7	34	1.4	6.8	0.6	80
539346	Drill Core		4.37	0.7	154.3	1.5	46	<0.1	7.8	14.2	1451	3.89	3.9	0.2	5.1	0.7	115	<0.1	0.3	<0.1	108
539347	Drill Core		5.41	0.6	1010	1.5	44	0.3	10.5	17.0	1296	4.71	4.1	0.3	23.6	0.7	118	<0.1	0.5	0.2	142
539348	Drill Core		5.73	0.6	647.0	1.4	43	0.2	9.2	15.2	1246	4.62	3.6	0.2	18.2	0.7	145	<0.1	0.4	0.1	116
539349	Drill Core		5.08	0.5	242.1	1.3	47	0.1	8.5	16.8	1263	4.54	4.1	0.1	7.5	0.4	139	<0.1	0.2	<0.1	130
539350	Drill Core		5.11	0.6	616.5	1.3	43	0.2	8.4	19.7	1243	4.53	4.7	0.2	17.6	0.6	126	<0.1	0.5	0.1	130
539351	Drill Core		5.97	0.2	150.7	1.4	41	<0.1	7.1	16.5	1199	3.66	4.8	0.2	9.7	0.6	137	<0.1	0.3	<0.1	103
539352	Drill Core		5.02	0.2	144.9	1.2	47	<0.1	7.6	19.1	1490	4.17	4.4	0.1	7.6	0.5	106	<0.1	0.3	<0.1	126
539353	Drill Core		2.53	0.3	497.2	1.4	37	0.2	7.6	16.4	1073	3.66	3.8	0.2	12.2	1.5	80	<0.1	0.4	<0.1	101
539354	Drill Core		5.37	0.8	298.0	1.3	35	0.2	9.6	13.9	1069	3.34	6.7	0.4	68.7	0.9	86	<0.1	0.4	0.1	90
539355	Drill Core		5.62	0.9	148.7	1.0	34	0.1	9.6	12.9	1040	3.39	3.1	0.3	6.7	1.0	99	<0.1	<0.1	<0.1	85
539356	Drill Core		4.99	2.6	239.4	1.9	49	0.2	8.8	17.2	1082	4.10	6.7	0.7	14.6	2.0	107	<0.1	0.2	0.2	86
539357	Drill Core		5.04	3.8	176.1	1.2	34	0.1	8.0	12.2	846	3.06	7.2	0.5	26.2	0.9	90	<0.1	0.3	0.2	59
539358	Drill Core		5.32	2.1	188.4	1.9	53	0.2	9.7	16.7	1264	4.58	4.8	0.5	22.4	1.1	94	<0.1	0.2	0.4	74
539359	Drill Core		5.85	2.9	189.5	1.4	48	0.2	8.6	15.0	1038	4.02	4.5	0.5	71.9	1.0	86	<0.1	0.2	0.3	54
539360	Rock		0.25	0.4	26.1	4.1	38	<0.1	27.2	9.3	383	2.28	9.2	0.5	<0.5	3.4	49	<0.1	0.3	<0.1	52
539361	Drill Core		4.89	1.6	142.5	1.0	44	0.1	8.4	14.4	1035	4.06	3.3	0.4	8.1	1.0	77	<0.1	<0.1	0.3	69
539362	Drill Core		4.96	1.5	82.2	1.8	44	<0.1	9.7	17.1	962	3.99	5.2	0.6	5.3	1.3	83	<0.1	0.4	0.3	72

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 6 of 10 Part 2

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
539333	Drill Core	4.07	0.133	9	6	1.22	575	0.002	6	0.52	0.093	0.29	0.1	0.01	8.1	<0.1	0.30	2	<0.5	<0.2	
539334	Drill Core	3.12	0.128	9	5	0.93	327	0.002	5	0.56	0.085	0.29	0.1	0.01	6.5	<0.1	0.48	2	<0.5	<0.2	
539335	Drill Core	5.61	0.155	10	2	1.27	351	0.001	6	0.59	0.095	0.29	0.3	0.02	9.8	<0.1	0.48	2	0.6	0.3	
539336	Drill Core	4.26	0.195	15	3	1.46	265	0.004	5	0.77	0.110	0.23	0.4	0.01	13.5	<0.1	0.17	4	<0.5	<0.2	
539337	Drill Core	3.32	0.195	15	3	1.07	206	0.004	3	0.62	0.088	0.21	0.1	0.02	11.3	<0.1	0.27	4	<0.5	<0.2	
539338	Drill Core	3.73	0.171	11	3	1.80	295	0.005	7	1.29	0.158	0.30	0.1	0.05	14.0	<0.1	0.36	7	<0.5	<0.2	
539339	Drill Core	5.22	0.148	8	1	1.84	327	0.002	5	0.73	0.115	0.28	0.2	0.03	11.1	<0.1	0.36	3	<0.5	<0.2	
539340	Drill Core	3.26	0.165	9	1	1.84	148	0.003	5	1.02	0.137	0.29	0.2	0.02	13.0	<0.1	0.19	5	<0.5	<0.2	
539341	Drill Core	4.10	0.165	8	<1	1.39	210	0.003	7	0.82	0.131	0.40	0.3	0.04	9.5	<0.1	0.74	3	1.0	<0.2	
539342	Drill Core	2.80	0.126	6	3	1.23	302	0.003	6	0.69	0.106	0.28	0.1	0.03	9.7	<0.1	0.53	3	<0.5	<0.2	
539343	Drill Core	4.89	0.174	6	<1	1.37	569	0.002	6	0.70	0.138	0.37	<0.1	0.01	11.4	<0.1	0.31	2	0.5	<0.2	
539344	Drill Core	7.74	0.142	6	<1	1.30	1062	0.002	4	0.60	0.109	0.29	<0.1	<0.01	11.0	<0.1	0.10	2	<0.5	<0.2	
539345	Rock Pulp	0.44	0.107	10	30	0.63	39	0.055	3	1.02	0.024	0.58	1.1	0.11	5.8	0.4	2.31	4	7.8	0.7	0.401
539346	Drill Core	4.41	0.177	7	<1	1.20	234	0.002	4	0.79	0.129	0.31	0.2	0.02	11.5	<0.1	0.32	3	<0.5	<0.2	
539347	Drill Core	3.93	0.174	8	2	1.73	208	0.004	4	1.32	0.128	0.22	0.4	0.06	12.4	<0.1	0.52	7	0.7	0.2	
539348	Drill Core	3.71	0.152	7	2	1.93	338	0.003	3	1.33	0.145	0.24	<0.1	0.03	11.1	<0.1	0.31	6	<0.5	<0.2	
539349	Drill Core	4.15	0.163	4	<1	1.66	360	<0.001	7	0.66	0.128	0.38	<0.1	0.02	12.1	<0.1	0.39	2	<0.5	<0.2	
539350	Drill Core	3.66	0.172	5	1	1.44	445	0.001	5	0.69	0.132	0.36	0.1	0.02	13.3	<0.1	0.28	3	<0.5	<0.2	
539351	Drill Core	3.83	0.148	6	1	1.56	582	0.002	5	0.59	0.118	0.27	0.1	0.01	11.7	<0.1	0.11	2	0.5	<0.2	
539352	Drill Core	4.28	0.146	5	2	2.01	513	0.002	5	0.61	0.127	0.30	0.2	0.01	14.3	<0.1	0.07	2	<0.5	<0.2	
539353	Drill Core	3.85	0.097	4	2	1.79	387	0.002	4	0.50	0.107	0.22	0.6	0.02	11.2	<0.1	0.29	2	<0.5	<0.2	
539354	Drill Core	4.36	0.082	3	8	1.41	229	0.001	4	0.41	0.096	0.23	0.1	0.02	9.3	<0.1	0.43	1	<0.5	<0.2	
539355	Drill Core	4.41	0.083	4	10	1.46	633	<0.001	5	0.37	0.094	0.24	<0.1	<0.01	8.4	<0.1	0.19	<1	<0.5	<0.2	
539356	Drill Core	4.30	0.083	5	5	1.55	322	<0.001	5	0.52	0.107	0.26	<0.1	0.03	9.5	<0.1	0.36	1	<0.5	<0.2	
539357	Drill Core	3.37	0.070	3	3	1.06	225	<0.001	5	0.41	0.101	0.24	0.1	0.04	6.2	<0.1	0.45	1	<0.5	<0.2	
539358	Drill Core	3.70	0.093	6	12	1.78	167	0.003	5	0.57	0.111	0.31	<0.1	0.08	9.8	<0.1	0.67	1	<0.5	<0.2	
539359	Drill Core	3.70	0.056	5	9	1.64	182	<0.001	5	0.40	0.102	0.26	<0.1	0.08	7.1	<0.1	0.65	<1	<0.5	<0.2	
539360	Rock	0.71	0.059	9	31	0.74	147	0.119	1	1.26	0.090	0.15	<0.1	<0.01	3.8	<0.1	<0.05	4	<0.5	<0.2	
539361	Drill Core	3.06	0.073	5	15	1.50	188	<0.001	5	0.53	0.109	0.27	<0.1	0.06	9.9	<0.1	0.56	1	0.7	<0.2	
539362	Drill Core	3.45	0.080	6	17	1.61	156	0.005	4	0.51	0.109	0.24	<0.1	0.05	10.2	<0.1	0.75	1	0.8	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 7 of 10 Part 1

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
539363	Drill Core	4.54	2.1	104.1	1.6	46	<0.1	9.4	17.1	1027	4.07	4.8	0.7	4.2	1.4	95	<0.1	0.4	0.3	73
539364	Drill Core	5.70	2.1	162.1	1.7	40	<0.1	6.9	12.5	1043	3.64	3.1	0.3	4.9	1.5	103	<0.1	<0.1	0.2	55
539365	Drill Core	4.86	0.9	161.8	1.8	55	<0.1	10.7	16.5	891	3.97	3.4	0.5	14.0	1.1	107	<0.1	0.1	0.2	78
539366	Drill Core	5.07	2.5	453.5	3.2	56	0.2	11.5	20.4	927	5.14	3.5	0.5	13.4	1.5	102	<0.1	0.2	0.3	73
539367	Drill Core	5.53	9.9	1665	3.2	50	0.5	18.9	25.8	1055	5.11	4.1	0.5	66.1	1.2	106	0.1	0.2	0.3	72
539368	Drill Core	4.78	32.5	229.2	1.9	50	0.1	10.2	16.9	1185	4.03	2.3	0.4	9.8	0.7	102	<0.1	<0.1	0.1	78
539369	Drill Core	5.91	0.7	136.5	1.3	55	0.1	12.9	20.2	1171	4.48	2.6	0.2	3.6	0.5	95	<0.1	<0.1	<0.1	114
539370	Drill Core	5.43	1.6	296.6	2.0	51	0.2	10.0	16.9	1260	4.70	4.0	0.4	15.7	0.7	72	0.2	0.3	0.2	97
539371	Drill Core	6.44	0.5	277.3	2.0	52	0.1	10.2	18.4	1349	4.69	4.7	0.3	20.4	0.8	83	0.1	0.1	0.2	94
539372	Drill Core	4.70	1.6	1196	2.1	48	0.4	10.6	22.7	928	6.04	4.3	0.4	52.7	1.4	63	<0.1	0.3	0.3	101
539373	Drill Core	7.62	5.4	438.0	2.1	54	0.3	12.0	20.1	1315	4.99	3.7	0.3	37.5	0.6	101	0.1	0.2	0.2	110
539374	Drill Core	5.71	3.9	1340	2.9	42	1.1	7.8	19.4	1048	4.47	5.6	0.5	135.4	2.0	102	0.2	0.5	0.3	63
539375	Drill Core	2.46	7.3	1208	2.8	37	0.8	6.7	12.2	816	3.89	8.7	0.4	153.7	1.5	138	0.1	0.7	0.2	50
539376	Drill Core	2.17	5.5	1136	3.3	41	0.8	6.6	13.2	809	4.02	8.0	0.5	217.9	1.9	143	0.1	0.6	0.2	53
539377	Drill Core	5.32	7.8	269.0	4.9	41	0.1	10.5	22.5	922	4.92	5.4	0.6	17.6	1.9	144	0.2	0.2	0.2	94
539378	Drill Core	4.94	48.3	1161	72.2	125	1.1	9.7	38.1	1108	4.56	141.5	2.9	68.8	1.6	163	3.8	25.5	0.2	59
539379	Drill Core	4.82	1.5	91.2	3.7	50	<0.1	6.0	16.3	1094	3.58	6.5	0.8	5.6	1.2	197	0.2	0.4	<0.1	67
539380	Drill Core	5.47	3.1	96.9	1.7	18	<0.1	3.6	10.2	611	2.84	6.1	0.4	6.3	2.0	296	<0.1	0.1	0.8	32
539381	Drill Core	5.22	2.9	119.3	3.0	16	0.1	2.6	11.4	592	2.43	10.5	0.5	12.3	2.2	403	<0.1	<0.1	0.3	23
539382	Drill Core	5.15	5.3	149.0	4.7	14	0.2	3.6	14.4	653	2.71	14.2	0.6	18.2	2.3	336	<0.1	0.1	0.3	17
539383	Drill Core	6.45	5.0	78.9	2.7	16	<0.1	2.4	9.0	646	2.73	9.9	0.4	19.8	2.5	371	<0.1	<0.1	<0.1	31
539384	Drill Core	5.70	3.8	60.7	1.3	17	<0.1	1.8	11.4	608	2.70	2.0	0.4	0.8	2.5	566	<0.1	<0.1	<0.1	40
539385	Drill Core	4.91	3.5	60.8	1.6	17	0.2	2.1	7.3	571	2.43	1.7	0.6	26.8	4.0	497	<0.1	<0.1	<0.1	39
539386	Drill Core	4.88	4.1	40.5	1.8	16	<0.1	1.9	8.5	557	2.42	2.1	0.5	10.4	3.6	379	<0.1	<0.1	<0.1	42
539387	Drill Core	5.42	4.3	40.8	1.9	18	<0.1	2.2	9.3	642	2.57	2.0	0.7	5.8	2.7	627	<0.1	<0.1	<0.1	43
539388	Drill Core	5.09	7.7	35.6	2.0	19	0.2	2.3	9.1	628	2.48	1.9	0.6	25.7	3.6	442	<0.1	<0.1	<0.1	41
539389	Drill Core	5.95	19.1	73.7	2.4	20	1.0	2.6	9.7	680	2.68	2.3	1.1	144.4	4.4	382	<0.1	<0.1	<0.1	44
539390	Rock Pulp	0.11	144.6	1711	22.2	60	1.9	16.7	16.5	358	3.69	26.8	4.1	183.9	9.3	60	1.1	6.7	2.5	53
539391	Drill Core	5.36	5.6	74.4	1.9	19	<0.1	2.7	8.9	622	2.64	1.7	0.8	12.8	3.5	375	<0.1	<0.1	<0.1	42
539392	Drill Core	5.30	7.7	112.4	1.8	18	<0.1	2.3	9.6	526	2.57	2.0	0.7	7.0	3.0	315	<0.1	<0.1	<0.1	38

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 7 of 10 Part 2

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
539363	Drill Core	3.40	0.077	5	19	1.64	121	0.004	5	0.50	0.096	0.24	<0.1	0.05	10.2	<0.1	0.79	1	<0.5	<0.2	
539364	Drill Core	3.64	0.080	6	9	1.53	201	<0.001	4	0.55	0.114	0.29	<0.1	0.09	6.9	<0.1	0.60	1	0.6	<0.2	
539365	Drill Core	2.69	0.079	6	20	2.05	262	0.001	3	0.52	0.094	0.24	<0.1	0.04	10.7	<0.1	0.43	1	<0.5	<0.2	
539366	Drill Core	2.58	0.085	7	21	2.11	89	0.002	4	0.57	0.094	0.27	<0.1	0.17	10.8	<0.1	1.17	2	0.7	<0.2	
539367	Drill Core	3.78	0.087	6	21	2.03	100	0.001	4	0.55	0.092	0.26	0.2	0.13	10.1	<0.1	1.15	1	1.3	<0.2	
539368	Drill Core	4.32	0.110	6	3	1.73	398	0.002	5	0.58	0.111	0.32	<0.1	0.04	9.7	<0.1	0.32	1	<0.5	<0.2	
539369	Drill Core	4.32	0.130	7	3	2.03	401	0.001	4	0.61	0.119	0.31	<0.1	0.02	11.7	<0.1	0.15	2	<0.5	<0.2	
539370	Drill Core	4.07	0.124	6	2	1.74	274	0.002	5	0.66	0.107	0.35	0.2	0.06	10.2	<0.1	0.59	2	<0.5	<0.2	
539371	Drill Core	5.04	0.138	5	2	1.88	246	0.002	5	0.64	0.110	0.34	0.2	0.09	10.1	<0.1	0.64	1	0.9	<0.2	
539372	Drill Core	2.97	0.142	8	3	1.39	95	0.002	4	0.68	0.104	0.39	0.2	0.14	10.5	<0.1	1.26	2	1.5	<0.2	
539373	Drill Core	4.34	0.133	6	4	1.65	273	0.002	6	0.76	0.113	0.40	0.3	0.05	11.4	<0.1	0.48	2	<0.5	<0.2	
539374	Drill Core	4.27	0.086	6	8	1.51	80	0.002	4	0.60	0.104	0.31	<0.1	0.18	8.0	<0.1	1.32	2	<0.5	<0.2	0.146
539375	Drill Core	3.71	0.063	4	4	1.04	90	<0.001	4	0.43	0.093	0.27	<0.1	0.15	5.0	<0.1	0.98	1	<0.5	<0.2	0.158
539376	Drill Core	3.65	0.071	4	5	1.08	122	0.001	4	0.52	0.100	0.30	<0.1	0.15	5.7	<0.1	0.95	1	<0.5	<0.2	0.201
539377	Drill Core	4.51	0.085	5	10	1.19	106	<0.001	5	0.58	0.095	0.32	0.1	0.08	9.5	<0.1	0.88	1	0.9	<0.2	
539378	Drill Core	5.95	0.070	3	7	0.99	57	<0.001	4	0.40	0.083	0.26	0.1	0.42	8.0	<0.1	1.34	<1	2.2	0.3	
539379	Drill Core	5.58	0.112	4	1	0.82	615	0.001	4	0.64	0.104	0.36	0.1	0.03	8.6	<0.1	0.24	1	<0.5	<0.2	
539380	Drill Core	3.63	0.073	4	1	0.91	415	<0.001	4	0.55	0.113	0.29	<0.1	0.09	5.0	<0.1	0.33	1	<0.5	<0.2	
539381	Drill Core	3.73	0.065	3	1	0.72	359	<0.001	3	0.68	0.114	0.34	0.2	0.12	4.4	<0.1	0.35	1	<0.5	<0.2	
539382	Drill Core	4.17	0.076	3	1	0.81	234	0.002	6	0.63	0.123	0.35	<0.1	0.12	3.8	<0.1	0.58	1	<0.5	0.2	
539383	Drill Core	4.45	0.090	4	2	0.82	757	<0.001	5	0.67	0.113	0.33	0.2	0.06	4.2	<0.1	0.22	1	<0.5	<0.2	
539384	Drill Core	4.26	0.106	7	2	0.80	716	0.001	4	0.56	0.098	0.26	0.3	<0.01	4.4	<0.1	0.23	2	<0.5	<0.2	
539385	Drill Core	4.04	0.094	7	3	0.75	1110	0.001	4	0.58	0.092	0.24	0.3	<0.01	4.5	<0.1	0.14	2	<0.5	<0.2	
539386	Drill Core	3.81	0.107	7	2	0.81	976	0.001	4	0.42	0.098	0.21	0.2	<0.01	4.2	<0.1	0.11	2	<0.5	<0.2	
539387	Drill Core	4.31	0.116	7	3	0.92	986	0.001	3	0.43	0.101	0.20	0.2	<0.01	4.3	<0.1	0.13	2	<0.5	<0.2	
539388	Drill Core	3.94	0.105	8	2	0.86	881	0.002	3	0.38	0.088	0.19	<0.1	<0.01	3.9	<0.1	0.16	1	<0.5	0.2	
539389	Drill Core	3.78	0.109	9	2	1.01	799	0.001	4	0.43	0.105	0.21	<0.1	<0.01	4.1	<0.1	0.19	1	<0.5	0.7	0.183
539390	Rock Pulp	1.65	0.077	17	62	0.80	78	0.033	6	1.42	0.051	0.53	2.1	0.09	4.8	0.2	1.61	4	2.4	0.2	0.191
539391	Drill Core	3.90	0.106	7	2	0.98	1053	0.001	3	0.46	0.113	0.22	<0.1	<0.01	4.1	<0.1	0.14	1	<0.5	<0.2	
539392	Drill Core	3.87	0.103	7	2	0.76	742	0.001	3	0.48	0.100	0.24	<0.1	<0.01	4.2	<0.1	0.19	1	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 8 of 10 Part 1

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
539393	Drill Core		5.29	50.7	148.5	2.0	19	<0.1	2.4	9.6	503	2.55	1.7	0.9	6.1	3.4	307	<0.1	<0.1	<0.1	39
539394	Drill Core		3.85	29.4	63.5	1.8	17	<0.1	2.1	8.7	487	2.48	1.8	1.3	4.9	2.7	408	<0.1	<0.1	<0.1	38
539395	Drill Core		6.17	10.8	66.5	1.6	19	<0.1	2.0	8.8	634	2.62	1.7	0.5	2.7	2.5	419	<0.1	<0.1	<0.1	43
539396	Drill Core		5.21	8.1	87.9	1.5	17	<0.1	2.0	8.6	573	2.59	1.5	0.5	3.0	2.1	475	<0.1	<0.1	<0.1	38
539397	Drill Core		5.07	4.3	234.5	2.1	23	0.2	3.4	16.9	548	2.97	4.7	0.5	12.5	1.9	323	<0.1	<0.1	0.2	34
539398	Drill Core		5.38	7.0	299.7	1.9	46	0.2	4.4	16.6	673	3.88	6.4	0.6	13.3	1.9	299	<0.1	<0.1	0.4	52
539399	Drill Core		5.67	12.5	797.3	3.7	48	0.6	4.6	53.7	741	3.73	69.9	1.9	33.7	2.0	295	0.1	1.9	1.3	37
539400	Drill Core		7.85	6.0	329.8	2.5	52	0.3	6.6	20.5	865	4.13	14.4	0.6	28.9	1.4	231	<0.1	0.2	0.4	64
539401	Drill Core		4.80	3.7	98.4	1.6	37	<0.1	3.1	8.4	657	3.05	2.7	0.5	4.6	2.5	283	<0.1	<0.1	<0.1	48
539402	Drill Core		6.77	2.0	171.9	1.6	46	0.1	2.6	14.0	653	2.83	2.5	0.8	4.3	3.4	286	0.2	<0.1	0.1	42
539403	Drill Core		4.05	0.3	208.0	1.8	60	0.1	1.5	8.5	768	3.74	3.4	0.4	2.0	0.9	266	0.1	0.1	<0.1	68
539404	Drill Core		5.61	0.3	249.4	1.4	58	0.2	1.0	10.5	683	3.70	2.9	0.4	2.6	0.7	223	0.2	0.1	<0.1	69
539405	Rock Pulp	0.464	0.12	231.8	4107	38.5	134	2.0	20.7	17.7	453	4.06	107.7	0.6	342.3	1.6	31	1.1	5.9	0.6	76
539406	Drill Core		2.91	1.4	337.6	1.7	48	0.2	1.6	12.2	678	3.75	3.8	0.3	2.0	0.7	244	<0.1	0.1	<0.1	72
539407	Drill Core		4.74	0.8	52.8	1.7	22	<0.1	1.8	14.3	613	2.08	2.6	0.8	1.0	3.3	247	<0.1	<0.1	<0.1	35
539408	Drill Core		4.85	5.4	387.9	6.4	28	0.3	4.3	50.0	619	2.76	10.3	1.3	3.8	3.5	175	<0.1	0.1	0.3	37
539409	Drill Core		4.92	55.3	327.6	7.7	26	0.3	4.1	16.1	557	2.41	3.4	2.0	15.2	4.5	137	<0.1	<0.1	0.9	36
539410	Drill Core		4.74	17.3	85.0	10.5	28	<0.1	4.3	8.1	541	2.26	3.2	1.5	2.2	4.9	114	<0.1	<0.1	0.4	42
539411	Drill Core		3.87	70.0	116.0	9.2	28	0.1	4.3	9.0	480	2.36	2.8	2.5	10.5	5.7	109	0.1	<0.1	0.4	47
539412	Drill Core		5.03	1.6	36.5	3.2	26	<0.1	4.4	8.0	530	2.15	2.8	2.2	1.7	5.5	146	<0.1	<0.1	<0.1	48
539413	Drill Core		4.35	15.5	104.9	4.7	37	<0.1	4.3	12.8	603	2.91	2.7	1.7	1.6	4.2	115	<0.1	<0.1	0.2	70
539414	Drill Core		4.54	23.9	195.1	10.1	44	0.1	3.3	13.1	668	3.44	3.6	2.2	3.3	3.8	117	<0.1	0.1	0.6	78
539415	Drill Core		4.61	0.7	48.8	3.6	29	<0.1	4.4	10.9	453	2.31	3.2	1.7	1.0	5.5	96	<0.1	0.2	0.1	59
539416	Drill Core		5.25	0.6	22.9	2.4	30	<0.1	4.5	8.8	553	2.43	2.6	2.0	<0.5	5.0	54	<0.1	0.1	<0.1	64
539417	Drill Core		4.55	3.0	51.2	4.3	24	<0.1	4.3	7.9	460	2.46	3.4	1.6	0.6	5.5	49	<0.1	0.1	0.1	62
539418	Drill Core		4.56	7.0	78.8	3.1	24	<0.1	4.8	11.2	512	2.56	3.8	1.2	0.7	5.4	55	<0.1	0.1	<0.1	70
539419	Drill Core		4.46	18.5	35.3	10.0	24	<0.1	4.4	8.4	469	2.41	3.2	1.6	2.2	5.9	96	<0.1	0.1	0.3	67
539420	Drill Core		0.73	1.1	53.2	3.8	61	<0.1	23.7	9.3	653	2.74	3.9	0.6	1.1	3.0	52	0.2	0.4	0.1	60
539421	Drill Core		4.06	1.1	34.5	3.3	25	<0.1	5.1	8.4	504	2.45	4.4	1.4	5.3	4.8	105	<0.1	0.1	<0.1	66
539422	Drill Core		4.29	1.1	29.9	4.3	30	<0.1	4.6	8.1	491	2.63	4.9	1.6	1.8	5.4	99	<0.1	0.2	<0.1	76

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 8 of 10 Part 2

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
539393	Drill Core	4.49	0.103	8	2	0.59	1056	<0.001	4	0.42	0.102	0.23	<0.1	<0.01	4.4	<0.1	0.11	1	<0.5	<0.2	
539394	Drill Core	4.10	0.094	9	2	0.53	1016	<0.001	3	0.45	0.092	0.22	<0.1	<0.01	4.2	<0.1	0.13	1	<0.5	<0.2	
539395	Drill Core	4.37	0.098	8	2	0.98	981	<0.001	3	0.53	0.076	0.21	0.1	<0.01	4.6	<0.1	0.13	1	<0.5	<0.2	
539396	Drill Core	4.07	0.096	7	2	0.86	1003	<0.001	4	0.46	0.097	0.24	0.2	<0.01	4.3	<0.1	0.16	1	<0.5	<0.2	
539397	Drill Core	4.05	0.090	5	2	0.69	344	0.001	4	0.53	0.107	0.28	0.5	<0.01	4.9	<0.1	0.40	1	0.5	<0.2	
539398	Drill Core	4.57	0.105	5	4	0.90	453	<0.001	4	0.56	0.102	0.30	0.6	<0.01	6.8	<0.1	0.34	1	<0.5	<0.2	
539399	Drill Core	4.67	0.095	5	2	1.07	77	<0.001	4	0.52	0.085	0.27	0.4	0.06	4.8	<0.1	1.18	1	1.0	0.6	
539400	Drill Core	4.58	0.118	5	5	1.14	388	0.001	5	0.65	0.102	0.34	0.3	0.01	7.5	<0.1	0.42	2	<0.5	0.3	
539401	Drill Core	4.01	0.106	6	3	0.88	841	<0.001	4	0.58	0.108	0.28	0.2	<0.01	5.3	0.1	0.10	1	<0.5	<0.2	
539402	Drill Core	2.92	0.100	8	3	0.81	391	<0.001	5	0.52	0.104	0.26	0.2	<0.01	3.7	<0.1	0.36	2	<0.5	<0.2	
539403	Drill Core	2.99	0.152	9	2	0.81	639	0.004	4	0.69	0.114	0.27	0.4	<0.01	3.7	<0.1	0.11	4	<0.5	<0.2	
539404	Drill Core	2.77	0.140	8	2	0.95	477	0.003	3	0.77	0.090	0.22	0.3	<0.01	3.1	<0.1	0.17	4	<0.5	<0.2	
539405	Rock Pulp	0.38	0.104	9	26	0.59	39	0.050	3	1.00	0.028	0.54	1.1	0.08	4.9	0.4	2.12	4	6.8	0.8	0.449
539406	Drill Core	2.71	0.143	9	2	0.94	666	0.003	3	1.01	0.089	0.23	0.3	<0.01	3.4	<0.1	0.18	5	<0.5	<0.2	
539407	Drill Core	2.67	0.085	9	3	0.80	828	0.001	2	0.38	0.083	0.16	0.1	<0.01	3.0	<0.1	0.13	2	<0.5	<0.2	
539408	Drill Core	2.52	0.094	9	3	0.86	265	<0.001	3	0.46	0.085	0.20	0.2	0.02	3.8	<0.1	0.67	2	<0.5	<0.2	
539409	Drill Core	2.37	0.082	9	4	0.82	220	0.001	2	0.42	0.062	0.16	0.2	0.01	3.2	<0.1	0.67	2	<0.5	0.6	
539410	Drill Core	2.21	0.088	11	4	0.72	398	0.002	2	0.43	0.068	0.16	0.2	<0.01	3.6	<0.1	0.38	2	<0.5	<0.2	
539411	Drill Core	2.15	0.081	13	6	0.70	344	0.003	2	0.65	0.064	0.15	0.2	0.02	3.6	<0.1	0.48	4	<0.5	0.2	
539412	Drill Core	2.09	0.081	12	5	0.63	418	0.006	3	0.61	0.076	0.18	0.2	<0.01	4.2	<0.1	0.12	4	<0.5	<0.2	
539413	Drill Core	2.11	0.089	12	7	0.79	328	0.008	2	0.91	0.066	0.15	0.2	<0.01	3.9	<0.1	0.39	6	<0.5	<0.2	
539414	Drill Core	2.12	0.113	14	5	0.93	352	0.005	<1	0.96	0.066	0.14	0.2	<0.01	3.2	<0.1	0.49	6	<0.5	<0.2	
539415	Drill Core	1.61	0.084	12	6	0.84	373	0.005	1	0.81	0.083	0.09	0.2	<0.01	4.5	<0.1	0.28	6	<0.5	<0.2	
539416	Drill Core	1.52	0.079	13	7	1.04	193	0.006	<1	1.01	0.097	0.08	0.1	<0.01	4.8	<0.1	0.10	7	<0.5	<0.2	
539417	Drill Core	1.64	0.083	13	6	0.81	109	0.012	<1	0.81	0.083	0.11	0.1	<0.01	4.1	<0.1	0.27	6	<0.5	<0.2	
539418	Drill Core	1.40	0.085	13	7	0.96	137	0.016	<1	0.89	0.105	0.09	0.1	<0.01	4.2	<0.1	0.07	7	<0.5	<0.2	
539419	Drill Core	1.29	0.080	11	7	0.87	313	0.049	<1	0.84	0.118	0.08	0.2	<0.01	4.2	<0.1	0.12	7	<0.5	<0.2	
539420	Drill Core	0.73	0.082	13	25	0.68	149	0.131	<1	1.16	0.094	0.12	0.1	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2	
539421	Drill Core	1.29	0.079	10	8	0.88	266	0.042	1	0.74	0.101	0.07	0.2	0.01	3.7	<0.1	0.11	7	<0.5	<0.2	
539422	Drill Core	1.08	0.083	10	8	0.81	297	0.071	2	0.71	0.117	0.09	0.3	<0.01	2.9	<0.1	0.12	7	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 9 of 10 Part 1

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
539423	Drill Core	4.64	1.1	32.0	3.1	20	<0.1	3.9	6.1	416	2.34	4.3	1.1	1.4	3.6	123	<0.1	0.1	<0.1	64
539424	Drill Core	5.03	1.1	60.7	2.9	32	<0.1	5.9	9.6	660	3.07	6.9	1.4	1.4	4.2	137	<0.1	0.2	<0.1	92
539425	Drill Core	5.20	1.3	93.2	2.9	31	<0.1	6.4	13.4	605	3.15	9.2	1.4	3.4	4.7	87	<0.1	0.2	<0.1	85
539426	Drill Core	3.26	1.2	74.1	2.0	17	<0.1	4.5	7.0	400	2.33	5.3	1.1	1.1	4.2	158	<0.1	0.2	<0.1	60
539427	Drill Core	4.70	0.7	82.9	2.4	42	<0.1	16.6	12.1	720	5.48	9.8	0.4	<0.5	1.0	108	<0.1	0.3	<0.1	131
539428	Drill Core	4.32	0.9	94.5	2.6	42	<0.1	15.5	13.6	744	4.61	7.0	0.6	<0.5	1.8	115	<0.1	0.3	<0.1	112
539429	Drill Core	5.96	0.8	66.4	2.7	30	<0.1	12.3	13.4	591	3.94	8.2	0.7	1.2	2.1	102	<0.1	0.3	<0.1	108
539430	Drill Core	5.92	0.9	19.2	3.5	21	<0.1	4.1	8.8	442	2.22	3.7	1.2	<0.5	4.2	136	<0.1	0.1	<0.1	63
539431	Drill Core	5.25	1.4	36.4	2.6	19	<0.1	4.1	16.7	470	2.32	4.9	1.2	0.8	4.2	115	<0.1	0.2	<0.1	57
539432	Drill Core	4.36	1.7	21.2	2.9	20	<0.1	4.2	13.1	486	2.32	6.1	1.2	1.5	4.0	117	<0.1	0.2	<0.1	56
539433	Drill Core	4.40	1.1	35.5	2.5	22	<0.1	4.1	11.5	531	2.37	5.9	1.3	1.2	4.5	144	<0.1	0.2	<0.1	62
539434	Drill Core	4.21	2.6	32.9	2.1	26	<0.1	4.1	9.6	546	2.37	4.3	1.0	<0.5	3.5	105	<0.1	0.2	<0.1	60
539435	Drill Core	2.38	2.0	28.1	2.8	27	<0.1	4.3	8.1	498	2.38	4.4	1.7	0.8	4.7	104	<0.1	0.1	<0.1	66
539436	Drill Core	2.34	0.8	28.7	2.8	26	<0.1	3.6	8.1	499	2.38	4.3	1.5	<0.5	4.3	118	<0.1	0.1	<0.1	64
539437	Drill Core	4.69	1.1	51.3	3.0	27	<0.1	4.0	14.1	556	2.42	5.4	1.5	0.9	4.6	137	<0.1	0.1	<0.1	62
539438	Drill Core	4.33	0.6	20.8	3.2	29	<0.1	4.2	8.5	585	2.34	3.9	1.0	1.1	2.9	96	<0.1	<0.1	<0.1	59
539439	Drill Core	4.96	0.8	21.1	2.8	28	<0.1	4.0	7.8	618	2.16	4.4	1.7	<0.5	4.1	125	<0.1	<0.1	<0.1	54
539440	Drill Core	4.40	0.5	49.6	1.9	21	<0.1	3.1	7.1	565	2.07	4.0	1.6	0.7	5.6	119	<0.1	<0.1	<0.1	46
539441	Drill Core	4.85	0.9	32.7	3.5	22	<0.1	3.5	14.7	530	2.27	4.2	1.0	1.6	4.1	151	<0.1	<0.1	<0.1	48
539442	Drill Core	3.31	9.2	25.2	3.1	26	<0.1	4.2	8.6	588	2.34	2.4	0.8	0.7	3.3	208	<0.1	<0.1	<0.1	49
539443	Drill Core	6.29	0.6	64.3	2.9	29	<0.1	5.3	9.9	608	2.43	3.0	1.3	1.1	3.9	82	<0.1	<0.1	0.1	62
539444	Drill Core	5.50	2.5	52.9	3.1	28	<0.1	6.2	9.3	654	2.35	4.1	1.6	1.9	4.7	109	<0.1	0.1	<0.1	61
539445	Drill Core	4.53	0.7	37.4	3.0	32	<0.1	5.7	9.2	687	2.65	4.4	1.6	1.1	5.1	72	<0.1	0.1	<0.1	71
539446	Drill Core	5.27	0.6	33.5	3.3	35	<0.1	5.7	8.5	655	2.49	3.7	1.5	<0.5	5.1	64	<0.1	0.2	<0.1	67
539447	Drill Core	3.99	0.6	29.1	3.3	40	<0.1	5.8	9.4	662	2.80	3.2	1.7	<0.5	4.9	52	<0.1	0.1	<0.1	76
539448	Drill Core	5.04	3.8	29.4	2.5	31	<0.1	4.3	6.7	552	2.21	2.9	2.4	1.1	5.7	73	<0.1	0.2	<0.1	59
539449	Drill Core	5.00	1.0	129.3	2.8	26	<0.1	4.4	11.7	435	2.47	3.0	2.9	3.3	5.6	95	<0.1	0.1	0.1	58
539450	Rock Pulp	0.12	147.3	1707	23.2	63	1.9	16.2	17.5	364	3.71	26.0	4.3	187.9	10.0	63	1.0	6.8	2.5	52
539451	Drill Core	4.58	3.4	16.2	4.2	26	<0.1	3.9	6.3	499	2.35	2.1	2.1	0.9	5.7	107	<0.1	<0.1	<0.1	60
539452	Drill Core	4.47	0.6	12.7	2.9	22	<0.1	4.1	6.1	496	2.18	2.0	2.4	0.6	6.3	94	<0.1	0.1	<0.1	56

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 9 of 10 Part 2

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
539423	Drill Core	1.15	0.081	10	7	0.66	245	0.036	2	0.59	0.097	0.08	0.2	<0.01	2.3	<0.1	0.07	5	<0.5	<0.2	
539424	Drill Core	1.50	0.116	15	8	0.90	236	0.031	2	0.68	0.110	0.08	0.2	<0.01	3.5	<0.1	<0.05	7	<0.5	0.2	
539425	Drill Core	1.20	0.121	15	8	1.00	229	0.045	<1	0.79	0.115	0.09	0.3	<0.01	3.3	<0.1	0.15	8	<0.5	<0.2	
539426	Drill Core	1.07	0.080	9	7	0.88	182	0.049	1	0.74	0.105	0.07	0.3	<0.01	2.5	<0.1	0.07	6	<0.5	<0.2	
539427	Drill Core	1.63	0.158	4	21	2.28	42	0.118	3	2.19	0.108	0.07	0.4	<0.01	5.7	<0.1	0.08	10	<0.5	<0.2	
539428	Drill Core	2.10	0.122	6	25	1.89	109	0.092	3	1.74	0.075	0.08	0.5	<0.01	6.5	<0.1	0.10	9	<0.5	<0.2	
539429	Drill Core	1.66	0.126	7	17	1.61	94	0.097	3	1.46	0.125	0.08	0.4	<0.01	5.3	<0.1	0.11	8	<0.5	<0.2	
539430	Drill Core	1.85	0.076	12	6	0.80	353	0.025	2	0.81	0.081	0.09	0.2	<0.01	3.9	<0.1	0.14	6	<0.5	<0.2	
539431	Drill Core	1.95	0.083	13	6	0.76	286	0.007	2	0.85	0.080	0.10	0.2	<0.01	3.9	<0.1	0.30	6	<0.5	<0.2	
539432	Drill Core	2.02	0.081	14	5	0.62	275	0.005	2	0.88	0.079	0.13	0.3	<0.01	3.2	<0.1	0.18	6	<0.5	<0.2	
539433	Drill Core	1.92	0.077	12	6	0.86	214	0.006	2	0.91	0.079	0.09	0.2	0.01	4.3	<0.1	0.18	7	<0.5	<0.2	
539434	Drill Core	1.59	0.077	12	6	0.92	216	0.009	1	0.91	0.084	0.07	0.2	<0.01	4.1	<0.1	0.14	8	<0.5	<0.2	
539435	Drill Core	1.25	0.075	11	7	0.95	260	0.015	1	0.85	0.107	0.08	0.2	<0.01	3.6	<0.1	0.14	7	<0.5	<0.2	
539436	Drill Core	1.30	0.078	12	7	0.97	289	0.016	<1	0.84	0.105	0.06	0.2	<0.01	3.5	<0.1	0.18	7	<0.5	<0.2	
539437	Drill Core	1.59	0.071	11	8	0.93	387	0.011	1	0.80	0.108	0.07	0.3	<0.01	3.6	<0.1	0.22	8	<0.5	<0.2	
539438	Drill Core	1.78	0.079	11	6	0.76	287	0.013	<1	0.61	0.081	0.07	0.2	<0.01	4.1	<0.1	0.08	6	<0.5	<0.2	
539439	Drill Core	2.24	0.077	10	6	0.58	363	0.005	1	0.40	0.071	0.09	0.2	<0.01	4.0	<0.1	0.10	4	<0.5	<0.2	
539440	Drill Core	2.12	0.059	9	3	0.83	329	0.002	1	0.25	0.058	0.07	0.2	<0.01	2.9	<0.1	0.18	2	<0.5	<0.2	
539441	Drill Core	2.01	0.068	10	6	0.65	412	0.002	2	0.30	0.061	0.10	0.2	<0.01	3.5	<0.1	0.24	2	<0.5	<0.2	
539442	Drill Core	2.52	0.076	9	5	0.71	444	0.002	2	0.33	0.060	0.11	0.1	<0.01	3.8	<0.1	0.31	2	<0.5	0.3	
539443	Drill Core	1.85	0.080	13	8	0.85	188	0.009	2	0.76	0.087	0.10	0.2	<0.01	4.0	<0.1	0.27	6	<0.5	<0.2	
539444	Drill Core	1.85	0.078	12	9	1.11	197	0.009	1	1.01	0.091	0.08	0.2	0.01	3.9	<0.1	0.30	8	<0.5	<0.2	
539445	Drill Core	1.34	0.081	13	8	1.19	182	0.020	2	0.99	0.116	0.08	0.2	<0.01	4.3	<0.1	0.06	7	<0.5	<0.2	
539446	Drill Core	1.44	0.080	11	7	1.00	144	0.026	1	0.87	0.089	0.08	0.1	<0.01	4.1	<0.1	0.08	7	<0.5	<0.2	
539447	Drill Core	1.43	0.080	10	9	1.01	120	0.041	1	0.98	0.096	0.10	0.1	<0.01	4.4	<0.1	<0.05	7	<0.5	<0.2	
539448	Drill Core	1.49	0.077	10	7	0.98	134	0.046	1	0.94	0.078	0.09	0.2	<0.01	3.7	<0.1	0.09	6	<0.5	<0.2	
539449	Drill Core	1.45	0.075	10	9	0.87	160	0.058	1	0.92	0.060	0.11	0.3	0.02	3.5	<0.1	0.64	6	<0.5	<0.2	
539450	Rock Pulp	1.66	0.068	17	65	0.83	93	0.035	7	1.42	0.050	0.53	2.2	0.10	4.7	0.3	1.57	4	2.4	<0.2	0.229
539451	Drill Core	2.02	0.073	11	7	0.77	190	0.032	2	0.85	0.060	0.10	0.2	<0.01	3.5	<0.1	0.31	5	<0.5	<0.2	
539452	Drill Core	2.05	0.072	10	8	0.71	185	0.027	3	0.80	0.064	0.11	0.1	<0.01	3.0	<0.1	0.13	5	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 10 of 10 Part 1

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
539453	Drill Core	4.66	0.6	46.2	2.6	25	<0.1	4.5	10.1	513	2.45	2.5	2.2	2.5	5.2	103	<0.1	0.1	<0.1	59
539454	Drill Core	3.22	2.4	72.4	2.7	30	<0.1	4.9	9.7	506	2.92	3.2	2.0	3.2	5.4	75	<0.1	0.1	<0.1	66
539455	Drill Core	5.31	107.6	53.5	123.2	25	1.4	3.4	7.1	457	2.22	3.5	2.5	21.6	4.5	239	0.2	0.1	4.0	34
539456	Drill Core	4.10	15.3	136.2	162.8	29	2.3	2.9	17.2	654	2.89	4.3	1.6	33.5	3.2	355	0.2	0.2	6.1	26
539457	Drill Core	4.51	2.3	32.1	4.2	27	<0.1	4.6	7.3	573	2.38	2.9	1.4	8.0	5.0	101	<0.1	0.1	<0.1	49
539458	Drill Core	4.85	0.9	20.8	2.6	27	<0.1	4.4	8.3	682	2.42	2.6	1.6	11.5	4.5	152	<0.1	<0.1	<0.1	53
539459	Drill Core	5.28	1.0	38.8	3.3	33	0.1	4.7	9.9	750	2.56	1.9	2.3	18.8	4.5	115	<0.1	<0.1	0.2	54
539460	Drill Core	4.87	4.3	17.3	2.4	27	<0.1	3.9	7.8	632	2.53	2.2	1.9	7.1	6.0	101	<0.1	<0.1	<0.1	55
539461	Drill Core	2.18	0.4	16.2	3.5	18	<0.1	3.1	5.4	453	1.78	1.8	3.4	0.6	8.9	111	<0.1	<0.1	<0.1	35



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 10 of 10 Part 2

CERTIFICATE OF ANALYSIS

SMI10000384.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	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	0.005	
539453	Drill Core	1.66	0.083	11	7	0.97	222	0.057	2	1.01	0.070	0.11	0.2	<0.01	3.3	<0.1	0.11	7	<0.5	<0.2	
539454	Drill Core	1.43	0.081	13	7	1.13	150	0.024	2	1.21	0.068	0.10	0.2	<0.01	4.4	<0.1	0.32	8	<0.5	<0.2	
539455	Drill Core	2.97	0.079	16	5	0.41	168	0.005	3	0.54	0.048	0.19	0.2	0.02	3.1	<0.1	0.92	2	0.7	0.3	
539456	Drill Core	5.20	0.090	9	4	0.29	108	0.002	5	0.55	0.053	0.25	0.3	0.03	3.8	<0.1	1.15	2	0.9	<0.2	
539457	Drill Core	2.26	0.080	12	5	0.57	213	0.003	3	0.51	0.090	0.18	0.1	0.02	3.1	<0.1	0.06	3	<0.5	<0.2	
539458	Drill Core	2.78	0.075	12	6	1.30	430	0.003	3	0.47	0.101	0.17	0.1	<0.01	3.4	<0.1	<0.05	3	<0.5	<0.2	
539459	Drill Core	2.45	0.083	13	5	1.24	313	0.002	2	0.36	0.082	0.14	<0.1	<0.01	4.2	<0.1	0.19	2	<0.5	<0.2	
539460	Drill Core	2.05	0.077	14	7	0.88	277	0.003	2	0.51	0.077	0.17	0.1	<0.01	3.2	<0.1	0.06	3	<0.5	<0.2	
539461	Drill Core	1.89	0.053	11	5	0.51	362	0.003	2	0.39	0.063	0.13	0.1	<0.01	1.9	<0.1	<0.05	3	<0.5	<0.2	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
Report Date: August 30, 2010

Page: 1 of 4 Part 1

QUALITY CONTROL REPORT

SMI10000384.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	
Pulp Duplicates																					
539227	Drill Core	5.55	0.6	199.7	3.1	127	0.2	29.1	36.8	2527	4.70	6.7	0.3	27.3	0.7	129	0.1	0.5	0.2	156	
REP 539227	QC		0.7	192.3	2.9	122	0.2	28.6	35.6	2509	4.63	6.4	0.2	23.2	0.7	130	0.2	0.5	0.2	154	
539246	Drill Core	5.67	0.3	499.6	2.0	152	0.4	35.0	22.3	4027	6.30	3.7	0.3	39.9	0.8	80	<0.1	<0.1	0.2	272	
REP 539246	QC		0.4	504.6	1.9	161	0.4	33.0	21.9	4040	6.33	3.5	0.3	41.1	0.8	81	<0.1	<0.1	0.2	278	
539283	Drill Core	4.23	1.9	112.1	2.1	24	<0.1	1.3	6.4	418	2.17	3.5	0.3	12.5	1.7	304	<0.1	0.2	<0.1	46	
REP 539283	QC		2.1	109.6	2.0	25	<0.1	1.5	6.3	423	2.20	3.5	0.3	13.8	1.6	316	<0.1	0.2	<0.1	46	
539285	Rock Pulp	0.464	0.10	220.9	3985	37.9	134	2.1	20.1	16.0	459	3.83	94.8	0.6	362.3	1.7	29	1.2	6.1	0.6	70
REP 539285	QC	0.464																			
539321	Drill Core	4.86	2.9	314.1	2.9	44	0.1	14.6	25.0	806	5.21	4.4	0.4	35.0	1.1	210	<0.1	0.1	0.2	108	
REP 539321	QC		2.9	324.3	2.9	43	0.1	15.5	26.1	828	5.40	4.6	0.5	32.7	1.1	224	<0.1	0.1	0.2	111	
539351	Drill Core	5.97	0.2	150.7	1.4	41	<0.1	7.1	16.5	1199	3.66	4.8	0.2	9.7	0.6	137	<0.1	0.3	<0.1	103	
REP 539351	QC		0.3	162.4	1.5	42	<0.1	7.4	17.7	1225	3.76	5.0	0.2	9.4	0.6	140	<0.1	0.3	<0.1	107	
539410	Drill Core	4.74	17.3	85.0	10.5	28	<0.1	4.3	8.1	541	2.26	3.2	1.5	2.2	4.9	114	<0.1	<0.1	0.4	42	
REP 539410	QC		18.7	86.3	10.6	29	0.1	4.5	7.7	540	2.26	3.0	1.5	3.3	4.5	125	<0.1	<0.1	0.3	43	
539439	Drill Core	4.96	0.8	21.1	2.8	28	<0.1	4.0	7.8	618	2.16	4.4	1.7	<0.5	4.1	125	<0.1	<0.1	<0.1	54	
REP 539439	QC		0.6	21.4	2.9	29	<0.1	4.5	7.8	627	2.16	4.7	1.7	<0.5	3.8	128	<0.1	0.1	<0.1	54	
539459	Drill Core	5.28	1.0	38.8	3.3	33	0.1	4.7	9.9	750	2.56	1.9	2.3	18.8	4.5	115	<0.1	<0.1	0.2	54	
REP 539459	QC		1.0	39.5	3.0	32	0.1	4.4	9.9	703	2.54	2.1	2.2	20.5	4.3	113	<0.1	<0.1	0.1	53	
Core Reject Duplicates																					
539236	Drill Core	5.45	0.5	100.6	1.9	176	0.3	37.3	29.1	4168	6.65	3.1	0.3	26.8	0.8	58	<0.1	<0.1	0.3	280	
DUP 539236	QC		0.5	102.6	2.1	173	0.2	37.8	29.5	4220	6.65	3.3	0.3	26.3	0.8	60	<0.1	<0.1	0.3	288	
539271	Drill Core	4.55	4.9	159.2	3.8	33	0.1	4.8	10.8	569	3.00	3.6	0.5	31.6	1.7	161	<0.1	<0.1	<0.1	82	
DUP 539271	QC		4.0	162.0	3.0	31	0.1	4.4	8.8	531	2.73	3.3	0.5	23.8	1.5	156	<0.1	<0.1	<0.1	76	
539306	Drill Core	3.78	5.0	1.6	0.4	8	<0.1	0.3	1.4	339	1.36	1.0	0.1	<0.5	0.5	91	<0.1	0.1	<0.1	22	
DUP 539306	QC		5.0	1.5	0.4	9	<0.1	0.2	1.5	348	1.35	1.0	0.1	<0.5	0.5	95	<0.1	<0.1	<0.1	23	
539341	Drill Core	5.48	1.9	323.0	1.3	43	0.1	10.5	24.0	1327	5.78	4.6	0.4	13.3	0.9	140	<0.1	0.5	0.2	107	
DUP 539341	QC		1.8	306.2	1.3	44	0.1	9.8	23.5	1296	5.65	4.1	0.5	13.0	1.0	136	<0.1	0.5	0.2	106	
539376	Drill Core	2.17	5.5	1136	3.3	41	0.8	6.6	13.2	809	4.02	8.0	0.5	217.9	1.9	143	0.1	0.6	0.2	53	

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
Report Date: August 30, 2010

Page: 1 of 4 Part 2

QUALITY CONTROL REPORT

SMI10000384.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
MDL		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
Pulp Duplicates																					
539227	Drill Core	2.64	0.207	6	32	2.06	93	0.048	3	1.82	0.150	0.14	<0.1	<0.01	8.9	<0.1	1.62	7	1.5	0.6	
REP 539227	QC	2.58	0.200	6	32	1.99	110	0.052	4	1.79	0.149	0.14	<0.1	<0.01	8.7	<0.1	1.58	8	1.3	<0.2	
539246	Drill Core	2.49	0.219	7	57	2.57	97	0.088	4	2.61	0.099	0.47	<0.1	<0.01	21.2	0.1	1.34	10	1.9	<0.2	
REP 539246	QC	2.49	0.221	8	55	2.57	96	0.088	4	2.64	0.100	0.47	<0.1	<0.01	21.6	0.1	1.34	11	1.4	0.4	
539283	Drill Core	1.95	0.085	10	<1	0.53	439	0.002	3	0.74	0.075	0.19	<0.1	<0.01	1.7	<0.1	0.11	4	<0.5	<0.2	
REP 539283	QC	1.98	0.089	10	1	0.53	438	0.002	3	0.74	0.075	0.19	<0.1	<0.01	1.7	<0.1	0.11	3	<0.5	<0.2	
539285	Rock Pulp	0.39	0.084	9	27	0.57	35	0.052	4	0.95	0.024	0.54	1.0	0.10	5.6	0.4	2.10	4	6.4	0.6	0.347
REP 539285	QC																				
539321	Drill Core	2.11	0.105	4	55	2.00	70	0.085	3	1.72	0.069	1.02	0.3	0.03	14.2	0.3	1.68	7	1.7	0.3	
REP 539321	QC	2.18	0.109	4	55	2.03	78	0.087	3	1.77	0.072	1.01	0.2	0.03	14.6	0.3	1.74	7	1.9	0.4	
539351	Drill Core	3.83	0.148	6	1	1.56	582	0.002	5	0.59	0.118	0.27	0.1	0.01	11.7	<0.1	0.11	2	0.5	<0.2	
REP 539351	QC	3.96	0.156	6	1	1.61	611	0.002	6	0.63	0.121	0.29	0.1	0.01	12.1	<0.1	0.12	2	<0.5	<0.2	
539410	Drill Core	2.21	0.088	11	4	0.72	398	0.002	2	0.43	0.068	0.16	0.2	<0.01	3.6	<0.1	0.38	2	<0.5	<0.2	
REP 539410	QC	2.23	0.086	12	5	0.73	417	0.002	3	0.44	0.069	0.17	0.2	<0.01	3.7	<0.1	0.39	2	<0.5	<0.2	
539439	Drill Core	2.24	0.077	10	6	0.58	363	0.005	1	0.40	0.071	0.09	0.2	<0.01	4.0	<0.1	0.10	4	<0.5	<0.2	
REP 539439	QC	2.25	0.074	10	6	0.57	360	0.006	<1	0.38	0.070	0.09	0.2	<0.01	4.0	<0.1	0.10	4	<0.5	<0.2	
539459	Drill Core	2.45	0.083	13	5	1.24	313	0.002	2	0.36	0.082	0.14	<0.1	<0.01	4.2	<0.1	0.19	2	<0.5	<0.2	
REP 539459	QC	2.41	0.081	13	5	1.23	303	0.003	2	0.37	0.081	0.14	<0.1	<0.01	4.1	<0.1	0.19	2	<0.5	0.3	
Core Reject Duplicates																					
539236	Drill Core	1.86	0.220	8	56	2.86	70	0.159	5	2.89	0.097	0.73	<0.1	0.01	21.9	0.3	2.14	10	1.8	0.2	
DUP 539236	QC	1.88	0.230	8	58	2.93	59	0.159	4	2.95	0.105	0.73	<0.1	<0.01	23.0	0.3	2.17	10	1.8	0.3	
539271	Drill Core	1.45	0.112	8	8	0.98	76	0.042	3	1.14	0.097	0.30	0.1	0.03	4.7	<0.1	1.60	5	0.9	<0.2	
DUP 539271	QC	1.42	0.104	8	7	0.92	90	0.036	4	1.03	0.088	0.24	<0.1	0.02	4.5	<0.1	1.39	5	1.0	<0.2	
539306	Drill Core	2.01	0.034	5	1	0.49	562	<0.001	2	0.29	0.078	0.19	0.2	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2	
DUP 539306	QC	2.04	0.034	4	1	0.49	544	<0.001	3	0.30	0.081	0.20	0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2	
539341	Drill Core	4.10	0.165	8	<1	1.39	210	0.003	7	0.82	0.131	0.40	0.3	0.04	9.5	<0.1	0.74	3	1.0	<0.2	
DUP 539341	QC	4.09	0.162	8	<1	1.37	174	0.003	7	0.80	0.128	0.38	0.2	0.05	9.8	<0.1	0.70	3	0.7	<0.2	
539376	Drill Core	3.65	0.071	4	5	1.08	122	0.001	4	0.52	0.100	0.30	<0.1	0.15	5.7	<0.1	0.95	1	<0.5	<0.2	0.201

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
Report Date: August 30, 2010

Page: 2 of 4 Part 1

QUALITY CONTROL REPORT

SMI10000384.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
DUP 539376	QC			5.1	1183	2.8	38	0.8	6.2	12.8	775	3.93	6.8	0.4	198.5	1.9	131	0.1	0.5	0.2	50
539411	Drill Core		3.87	70.0	116.0	9.2	28	0.1	4.3	9.0	480	2.36	2.8	2.5	10.5	5.7	109	0.1	<0.1	0.4	47
DUP 539411	QC			51.7	153.8	6.6	26	0.1	4.1	8.2	449	2.07	2.9	2.1	9.7	5.0	99	0.1	<0.1	0.3	41
539446	Drill Core		5.27	0.6	33.5	3.3	35	<0.1	5.7	8.5	655	2.49	3.7	1.5	<0.5	5.1	64	<0.1	0.2	<0.1	67
DUP 539446	QC			0.5	37.5	3.4	38	<0.1	5.4	9.4	679	2.64	3.9	1.7	<0.5	5.8	70	<0.1	0.2	<0.1	71
Reference Materials																					
STD DS7	Standard			20.0	109.4	67.0	390	0.9	52.5	9.4	612	2.27	52.5	4.9	65.3	4.5	71	5.9	6.2	4.8	78
STD DS7	Standard			21.0	108.3	70.4	393	1.0	52.4	9.2	618	2.36	50.7	4.9	85.4	4.8	73	6.3	6.1	5.0	79
STD DS7	Standard			19.8	104.8	65.6	390	0.9	50.2	8.5	589	2.24	48.3	5.1	67.9	4.7	75	6.2	5.7	4.6	75
STD DS7	Standard			19.3	112.4	70.6	382	0.9	53.1	8.9	607	2.28	49.0	5.5	68.9	5.1	78	6.6	6.0	5.0	77
STD DS7	Standard			20.3	107.5	71.8	404	1.0	55.4	9.4	627	2.42	52.2	5.4	71.3	4.7	79	5.8	6.2	5.1	81
STD DS7	Standard			20.9	109.1	68.7	405	1.0	53.3	9.3	635	2.39	50.3	4.9	70.6	4.5	79	6.6	6.2	4.9	81
STD DS7	Standard			21.2	105.9	72.6	395	1.0	52.4	8.7	624	2.40	52.2	5.4	63.8	4.9	77	6.2	6.3	5.1	80
STD DS7	Standard			20.3	107.3	70.8	394	0.9	53.4	9.4	632	2.36	50.8	5.4	70.5	5.0	78	6.2	6.3	5.0	79
STD DS7	Standard			21.0	109.9	72.6	403	0.9	58.9	9.5	619	2.39	50.9	5.1	70.7	5.0	76	6.1	5.9	5.1	79
STD DS7	Standard			22.2	113.4	76.6	402	1.0	55.1	9.3	620	2.40	51.6	5.6	73.6	5.2	83	6.5	6.4	5.3	80
STD DS7	Standard			19.5	103.7	72.3	389	1.0	54.1	8.8	590	2.28	49.6	5.0	73.3	4.9	72	6.0	6.2	5.1	76
STD DS7	Standard			18.7	102.5	67.4	371	0.9	51.3	8.8	578	2.18	48.3	4.7	62.2	4.8	71	5.7	5.8	4.8	72
STD DS7	Standard			20.7	109.2	65.4	401	1.0	52.8	9.3	623	2.37	54.4	4.9	63.6	4.5	72	6.6	6.1	4.7	80
STD DS7	Standard			20.7	110.0	66.4	411	1.0	54.1	9.2	633	2.41	55.2	4.7	64.2	4.4	75	6.9	6.3	4.6	82
STD DS7	Standard			19.4	101.4	62.3	359	0.9	51.0	9.1	604	2.23	48.9	4.8	69.4	4.6	69	6.1	5.8	4.7	78
STD DS7	Standard			20.6	107.1	64.8	373	0.9	51.0	8.8	568	2.27	49.8	5.0	57.6	4.8	73	6.7	5.8	4.9	79
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 2 of 4 Part 2

QUALITY CONTROL REPORT

SMI10000384.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
DUP 539376	QC	3.55	0.067	4	5	1.07	86	<0.001	4	0.39	0.099	0.26	<0.1	0.15	5.3	<0.1	0.95	<1	<0.5	<0.2		
539411	Drill Core	2.15	0.081	13	6	0.70	344	0.003	2	0.65	0.064	0.15	0.2	0.02	3.6	<0.1	0.48	4	<0.5	0.2		
DUP 539411	QC	2.05	0.078	12	4	0.64	347	0.002	1	0.58	0.059	0.16	0.2	<0.01	3.2	<0.1	0.48	4	<0.5	<0.2		
539446	Drill Core	1.44	0.080	11	7	1.00	144	0.026	1	0.87	0.089	0.08	0.1	<0.01	4.1	<0.1	0.08	7	<0.5	<0.2		
DUP 539446	QC	1.57	0.085	13	8	1.01	153	0.029	<1	0.95	0.097	0.09	0.1	<0.01	4.4	<0.1	0.09	8	<0.5	<0.2		
Reference Materials																						
STD DS7	Standard	0.90	0.075	12	180	1.04	382	0.122	37	0.98	0.088	0.46	3.5	0.23	2.2	3.8	0.19	4	3.5	2.0		
STD DS7	Standard	0.96	0.078	13	181	1.05	401	0.127	40	1.05	0.093	0.46	3.7	0.22	2.3	3.8	0.19	4	3.3	1.4		
STD DS7	Standard	0.92	0.069	13	174	0.99	372	0.126	36	0.99	0.091	0.43	3.3	0.20	2.5	3.8	0.18	5	2.8	1.4		
STD DS7	Standard	0.96	0.072	13	186	1.02	379	0.132	42	1.03	0.096	0.46	3.3	0.21	2.6	3.8	0.18	5	2.8	1.0		
STD DS7	Standard	0.97	0.074	13	188	1.06	421	0.132	38	1.04	0.097	0.49	3.8	0.23	2.3	4.1	0.20	5	3.2	1.3		
STD DS7	Standard	0.96	0.075	13	193	1.05	415	0.127	36	1.05	0.095	0.48	3.8	0.21	2.2	4.1	0.20	5	3.4	1.6		
STD DS7	Standard	0.98	0.081	13	197	1.06	402	0.127	40	1.03	0.095	0.48	3.5	0.22	2.3	4.0	0.20	5	3.5	1.1		
STD DS7	Standard	0.97	0.079	13	202	1.06	408	0.132	42	1.04	0.095	0.46	3.8	0.22	2.5	3.8	0.19	5	3.4	0.9		
STD DS7	Standard	0.97	0.077	13	211	1.06	395	0.131	39	1.03	0.097	0.47	3.7	0.21	2.2	4.0	0.19	4	3.3	1.4		
STD DS7	Standard	0.98	0.078	14	211	1.06	417	0.131	39	1.05	0.099	0.48	3.8	0.25	2.3	4.3	0.19	5	4.1	0.8		
STD DS7	Standard	0.91	0.076	13	179	1.00	403	0.118	41	0.99	0.088	0.46	3.4	0.22	2.3	4.0	0.18	5	3.3	0.3		
STD DS7	Standard	0.88	0.070	12	170	0.97	375	0.114	36	0.94	0.085	0.44	3.3	0.21	2.2	3.7	0.17	4	3.1	0.8		
STD DS7	Standard	0.92	0.079	12	173	1.03	423	0.122	43	1.00	0.090	0.46	3.6	0.23	2.3	3.9	0.19	5	3.0	1.2		
STD DS7	Standard	0.95	0.081	13	179	1.03	432	0.133	42	1.02	0.095	0.49	3.8	0.23	2.5	4.1	0.19	5	3.2	1.6		
STD DS7	Standard	0.93	0.077	13	169	0.98	373	0.125	37	0.97	0.094	0.45	3.3	0.19	2.4	3.5	0.18	4	3.1	1.5		
STD DS7	Standard	0.93	0.077	13	179	0.98	395	0.131	38	0.99	0.096	0.44	3.6	0.19	2.5	3.7	0.18	5	3.1	1.5		
STD OXH66	Standard																				1.193	
STD OXH66	Standard																					1.300
STD OXH66	Standard																					1.293
STD OXH66	Standard																					1.259
STD OXK79	Standard																					3.381
STD OXK79	Standard																					3.393
STD OXK79	Standard																					3.550

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 3 of 4 Part 1

QUALITY CONTROL REPORT

SMI10000384.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
STD OXK79	Standard																				
STD R4A	Standard	0.513																			
STD R4A	Standard	0.519																			
STD R4A	Standard	0.520																			
STD R4A	Standard	0.521																			
STD R4A	Standard	0.520																			
STD R4A	Standard	0.522																			
STD R4A	Standard	0.509																			
STD R4A	Standard	0.505																			
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD R4A Expected		0.502																			
STD OXH66 Expected																					
STD OXK79 Expected																					
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank	<0.001																			
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank	<0.001																			
BLK	Blank	<0.001																			

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-166
 Report Date: August 30, 2010

Page: 3 of 4 Part 2

QUALITY CONTROL REPORT

SMI10000384.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
STD OXK79	Standard																				3.527
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08	
STD R4A Expected																					
STD OXH66 Expected																					1.285
STD OXK79 Expected																					3.532
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.01	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.01	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.01	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.01	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.01	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.01	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.01	<0.05	<1	<0.5	<0.2	
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				<0.005
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.01	<0.05	<1	<0.5	<0.2	
BLK	Blank																				
BLK	Blank																				

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-166

Report Date: August 30, 2010

Page: 4 of 4 Part 1

QUALITY CONTROL REPORT

SMI10000384.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank			0.1	5.6	4.0	47	<0.1	3.4	4.5	560	1.95	0.9	2.1	1.9	6.7	60	<0.1	0.2	0.1	36
G1	Prep Blank			0.1	3.7	4.7	49	<0.1	3.0	4.1	577	2.00	0.9	2.0	1.3	6.3	66	<0.1	0.3	0.1	38



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-166

Report Date: August 30, 2010

Page: 4 of 4 Part 2

QUALITY CONTROL REPORT

SMI10000384.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
		0.01	0.001	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	0.005	
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
BLK	Blank																					<0.005
Prep Wash																						
G1	Prep Blank	0.52	0.083	11	9	0.56	175	0.137	<1	1.01	0.088	0.52	<0.1	<0.01	1.8	0.3	<0.05	4	<0.5	<0.2		
G1	Prep Blank	0.52	0.083	13	10	0.55	181	0.143	1	1.00	0.101	0.56	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2		



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: August 09, 2010
Report Date: August 25, 2010
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI10000385.1

CLIENT JOB INFORMATION

Project: Kwanika-167
Shipment ID: 2010-09
P.O. Number
Number of Samples: 126

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
7AR	4	1:1:1 Aqua Regia Digestion ICP-ES Finish	1	Completed	VAN
R200-250	121	Crush split and pulverize 250g drill core to 200 mesh			SMI
1DX2	126	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G601	5	Fire Assay fusion Au by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-167
 Report Date: August 25, 2010

Page: 2 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000385.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
537265	Rock Pulp	0.466	0.10	251.0	4406	42.0	144	2.2	23.6	18.7	515	4.34	103.9	0.7	439.3	1.8	33	1.1	6.7	0.7	78
537266	Drill Core		2.21	3.3	263.0	7.4	20	0.1	1.2	9.2	405	1.94	5.4	0.6	0.5	1.1	207	<0.1	0.2	0.1	33
537267	Drill Core		1.40	1.4	101.7	8.6	33	<0.1	2.5	8.2	512	2.21	4.7	1.0	1.5	2.6	244	<0.1	0.2	0.1	47
537268	Drill Core		3.51	0.8	36.6	5.9	23	<0.1	0.9	4.3	436	1.71	4.2	1.0	<0.5	4.3	207	<0.1	0.2	<0.1	34
537269	Drill Core		4.52	0.7	15.4	11.1	24	<0.1	1.0	3.9	526	1.73	3.8	1.0	<0.5	3.6	297	<0.1	0.2	<0.1	34
537270	Drill Core		4.40	1.3	127.9	3.9	25	<0.1	1.8	6.7	459	2.03	5.0	0.8	0.8	2.8	276	<0.1	0.3	<0.1	47
537271	Drill Core		4.14	1.2	143.5	4.3	27	0.1	0.9	5.4	495	1.80	13.3	0.9	4.4	2.9	310	<0.1	1.1	<0.1	39
537272	Drill Core		3.94	0.5	38.9	6.1	22	<0.1	1.2	4.6	466	1.78	4.3	0.7	0.8	2.4	242	<0.1	0.3	<0.1	43
537273	Drill Core		5.04	0.9	62.4	4.8	23	<0.1	1.1	4.8	486	1.74	3.9	0.7	1.1	2.3	247	<0.1	0.1	0.1	41
537274	Drill Core		4.04	3.2	86.3	4.8	23	<0.1	1.1	5.3	418	1.70	6.9	0.8	0.5	4.0	178	<0.1	0.6	<0.1	39
537275	Drill Core		3.73	1.5	59.8	3.0	18	0.1	0.8	4.3	265	1.65	4.3	0.6	<0.5	3.2	169	<0.1	0.2	<0.1	33
537276	Drill Core		4.85	6.9	71.9	5.3	19	<0.1	1.1	4.9	328	1.74	4.2	0.7	0.9	2.8	153	<0.1	0.3	0.1	31
537277	Drill Core		4.87	1.1	10.6	6.0	22	<0.1	1.1	3.5	277	1.67	3.5	0.5	0.7	2.4	146	<0.1	0.3	<0.1	37
537278	Drill Core		4.83	0.5	11.9	7.7	23	<0.1	1.0	3.5	266	1.84	3.3	0.6	0.5	3.4	126	<0.1	0.2	<0.1	37
537279	Drill Core		4.03	1.8	109.3	12.6	33	<0.1	1.4	4.6	481	2.01	2.9	0.9	2.1	2.8	237	<0.1	0.1	0.1	44
537280	Rock		0.36	0.5	17.4	2.8	42	<0.1	16.5	6.7	419	2.19	2.7	0.6	0.7	3.1	47	0.1	0.3	<0.1	51
537281	Drill Core		4.03	0.5	67.4	13.4	24	0.1	1.3	4.4	451	1.74	2.4	0.7	0.6	2.6	298	<0.1	<0.1	0.2	35
537282	Drill Core		4.31	1.1	86.3	10.2	27	<0.1	3.3	5.2	404	2.04	3.0	0.6	1.3	3.8	255	<0.1	0.2	<0.1	42
537283	Drill Core		4.77	1.2	44.2	7.2	17	<0.1	1.6	4.2	456	1.59	3.5	0.7	1.5	2.8	389	<0.1	0.1	<0.1	33
537284	Drill Core		4.66	2.1	28.1	6.9	17	<0.1	1.6	3.5	317	1.65	3.9	0.7	2.1	3.5	256	<0.1	0.2	<0.1	37
537285	Drill Core		4.58	2.3	95.7	9.1	17	<0.1	1.8	5.9	293	1.51	4.3	1.4	16.7	3.2	164	<0.1	0.3	<0.1	29
537286	Drill Core		3.91	16.1	193.6	12.0	20	0.2	1.8	5.2	426	1.53	18.8	1.1	3.4	3.7	331	<0.1	0.8	0.1	24
537287	Drill Core		4.45	2.1	180.5	14.4	27	0.1	4.1	6.6	527	1.85	13.2	1.0	1.6	2.7	450	0.1	0.4	0.1	33
537288	Drill Core		4.12	1.4	100.7	17.2	28	0.1	3.7	6.9	427	1.88	4.8	0.6	2.0	2.2	196	<0.1	0.3	0.2	37
537289	Drill Core		5.43	6.5	143.7	14.9	31	0.2	4.8	7.4	451	1.92	6.4	0.7	9.0	2.7	194	<0.1	0.4	0.1	36
537290	Drill Core		4.86	2.6	101.5	41.4	58	0.4	45.1	19.8	1019	3.54	31.1	3.7	2.0	3.6	680	0.2	1.0	0.9	94
537291	Drill Core		2.07	1.1	99.6	10.2	100	<0.1	48.9	28.4	1214	4.18	4.6	1.6	2.0	1.7	917	<0.1	0.3	<0.1	92
537292	Drill Core		4.59	1.7	85.9	7.0	76	<0.1	35.6	20.8	937	3.06	4.0	2.3	1.2	6.3	575	0.1	0.4	<0.1	63
537293	Drill Core		8.03	2.9	57.9	6.0	83	<0.1	37.9	20.6	1003	3.06	4.0	1.2	0.8	3.2	540	<0.1	0.3	<0.1	70
537294	Drill Core		1.91	7.5	172.1	12.4	46	<0.1	12.6	9.8	1042	2.37	3.8	2.4	4.3	2.7	451	0.1	0.2	<0.1	68

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-167
 Report Date: August 25, 2010

Page: 2 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000385.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
537265	Rock Pulp	0.44	0.097	10	32	0.63	39	0.056	3	1.01	0.023	0.62	1.2	0.10	5.3	0.4	2.34	4	6.2	1.0	0.393
537266	Drill Core	2.44	0.058	10	3	0.22	95	0.004	5	0.57	0.056	0.06	<0.1	<0.01	1.8	<0.1	0.75	3	<0.5	<0.2	
537267	Drill Core	1.89	0.080	13	4	0.40	153	0.003	5	0.70	0.050	0.08	<0.1	<0.01	3.3	<0.1	0.29	4	<0.5	<0.2	
537268	Drill Core	1.61	0.056	13	2	0.26	179	0.002	4	0.41	0.047	0.07	<0.1	<0.01	2.4	<0.1	0.15	3	<0.5	<0.2	
537269	Drill Core	2.21	0.050	11	2	0.44	108	0.002	4	0.35	0.041	0.07	<0.1	<0.01	2.2	<0.1	0.10	2	<0.5	<0.2	
537270	Drill Core	2.19	0.070	11	3	0.46	308	0.003	6	0.36	0.049	0.07	0.1	<0.01	3.0	<0.1	0.20	3	<0.5	<0.2	
537271	Drill Core	2.22	0.053	11	<1	0.70	438	0.002	3	0.37	0.054	0.07	<0.1	<0.01	2.2	<0.1	0.12	2	<0.5	<0.2	
537272	Drill Core	2.23	0.059	10	3	0.43	239	0.003	4	0.38	0.061	0.08	<0.1	<0.01	3.1	<0.1	0.18	3	<0.5	<0.2	
537273	Drill Core	3.31	0.056	8	2	1.00	853	0.002	5	0.46	0.050	0.08	<0.1	<0.01	2.6	<0.1	0.14	2	<0.5	<0.2	
537274	Drill Core	2.13	0.060	12	2	0.19	282	0.003	3	0.32	0.063	0.08	0.1	<0.01	2.3	<0.1	0.18	3	<0.5	<0.2	
537275	Drill Core	0.97	0.057	13	2	0.19	154	0.002	4	0.40	0.085	0.08	<0.1	<0.01	2.3	<0.1	0.11	3	0.6	<0.2	
537276	Drill Core	1.32	0.052	11	3	0.19	245	0.002	4	0.30	0.076	0.08	<0.1	<0.01	2.3	<0.1	0.22	2	0.5	<0.2	
537277	Drill Core	0.81	0.054	12	4	0.26	120	0.003	4	0.33	0.082	0.09	<0.1	<0.01	1.9	<0.1	0.06	2	<0.5	<0.2	
537278	Drill Core	0.46	0.057	12	3	0.23	270	0.003	4	0.35	0.086	0.11	0.1	<0.01	2.0	<0.1	0.10	2	<0.5	<0.2	
537279	Drill Core	1.49	0.054	12	3	0.56	385	0.003	2	0.29	0.073	0.10	0.1	<0.01	2.1	<0.1	0.25	2	<0.5	<0.2	
537280	Rock	0.78	0.056	10	18	0.45	94	0.101	<1	1.21	0.100	0.12	0.1	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2	
537281	Drill Core	1.97	0.052	12	3	0.71	403	0.002	4	0.33	0.071	0.11	0.1	<0.01	1.9	<0.1	0.39	2	0.6	<0.2	
537282	Drill Core	1.30	0.057	11	4	0.50	439	0.002	3	0.40	0.084	0.10	0.1	<0.01	2.0	<0.1	0.16	2	<0.5	<0.2	
537283	Drill Core	1.82	0.054	11	3	0.62	690	0.001	6	0.47	0.092	0.10	<0.1	<0.01	1.9	<0.1	0.16	3	<0.5	<0.2	
537284	Drill Core	1.12	0.061	11	3	0.41	506	0.002	5	0.46	0.097	0.13	<0.1	<0.01	2.2	<0.1	0.09	3	<0.5	<0.2	
537285	Drill Core	0.91	0.057	11	3	0.32	310	0.002	6	0.38	0.081	0.14	0.1	<0.01	1.7	<0.1	0.27	2	<0.5	<0.2	
537286	Drill Core	1.90	0.040	11	2	0.66	355	0.001	6	0.34	0.067	0.15	0.1	0.01	1.5	<0.1	0.35	2	0.8	<0.2	
537287	Drill Core	2.51	0.057	11	14	0.91	445	0.001	6	0.47	0.083	0.13	<0.1	0.02	2.9	<0.1	0.30	2	0.6	<0.2	
537288	Drill Core	1.79	0.055	11	4	0.37	199	0.003	2	0.33	0.096	0.10	0.2	<0.01	2.1	<0.1	0.35	2	<0.5	<0.2	
537289	Drill Core	1.65	0.051	10	6	0.37	116	0.002	3	0.37	0.104	0.14	0.2	<0.01	1.9	<0.1	0.29	2	0.6	<0.2	
537290	Drill Core	4.41	0.131	11	143	1.29	498	0.005	5	0.78	0.229	0.16	<0.1	0.01	11.1	<0.1	0.29	4	0.7	<0.2	
537291	Drill Core	3.60	0.137	6	147	1.19	220	0.061	5	1.34	0.339	0.17	<0.1	<0.01	11.7	<0.1	0.18	4	<0.5	<0.2	
537292	Drill Core	3.25	0.096	8	118	0.83	80	0.072	6	0.81	0.260	0.11	0.1	<0.01	8.4	<0.1	0.17	3	<0.5	<0.2	
537293	Drill Core	3.59	0.101	5	140	0.76	52	0.065	4	0.86	0.223	0.07	0.1	<0.01	9.7	<0.1	0.14	3	<0.5	<0.2	
537294	Drill Core	4.62	0.055	8	21	1.18	441	0.008	3	0.30	0.086	0.08	0.3	<0.01	4.9	<0.1	0.25	1	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-167
 Report Date: August 25, 2010

Page: 3 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000385.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
537295	Drill Core	1.41	2.9	153.8	7.9	45	<0.1	7.6	8.6	740	2.22	2.7	2.5	0.6	2.6	213	<0.1	0.3	<0.1	56
537296	Drill Core	1.60	6.1	148.3	8.9	48	0.2	8.2	8.3	740	2.48	4.1	2.7	0.7	2.6	215	<0.1	0.5	<0.1	61
537297	Drill Core	4.41	0.7	43.4	6.8	37	<0.1	4.4	5.5	499	1.98	2.6	0.8	0.6	2.6	188	<0.1	0.4	<0.1	41
537298	Drill Core	3.57	1.9	190.3	11.0	82	0.2	37.9	24.6	1346	3.82	12.3	1.6	3.9	1.6	796	0.1	0.8	0.1	95
537299	Drill Core	4.42	1.8	106.7	17.1	37	0.1	5.9	7.6	541	2.14	5.8	1.8	2.6	2.5	242	<0.1	0.1	0.3	39
537300	Drill Core	4.75	1.0	129.6	18.4	52	0.2	4.7	7.8	665	2.13	18.5	6.1	2.8	2.4	288	0.1	0.9	0.2	48
537301	Drill Core	5.22	5.0	946.2	13.5	65	0.7	8.5	8.2	980	2.60	29.9	3.5	6.2	2.0	313	0.5	2.2	0.1	60
537302	Drill Core	4.53	1.7	127.9	10.4	29	0.1	3.9	5.8	402	1.97	2.6	0.7	1.0	3.3	245	0.1	0.2	<0.1	47
537303	Drill Core	4.16	1.4	134.2	10.1	36	0.1	6.3	9.3	539	2.48	4.4	0.7	1.3	2.7	222	<0.1	0.3	<0.1	60
537304	Drill Core	4.68	1.1	207.6	79.1	24	0.5	3.8	7.5	461	1.99	2.8	2.1	3.8	3.9	312	0.2	0.1	1.3	48
537305	Drill Core	4.94	1.5	337.9	23.1	32	0.3	7.0	13.6	416	2.16	34.3	4.2	12.7	2.7	348	0.2	1.3	0.2	44
537306	Drill Core	3.00	0.4	250.9	12.9	25	0.2	2.9	8.5	382	1.80	3.5	3.0	7.8	4.0	173	0.1	0.2	<0.1	34
537307	Drill Core	3.91	1.8	243.2	9.7	31	0.2	1.7	6.5	395	2.21	4.0	3.5	10.8	4.0	108	<0.1	0.2	<0.1	39
537308	Drill Core	3.59	25.2	673.7	27.2	50	0.5	1.8	11.2	537	2.94	40.4	5.9	18.6	4.5	92	0.3	0.6	0.2	54
537309	Drill Core	3.02	20.0	445.1	15.1	52	0.4	1.7	8.0	558	2.07	35.3	4.5	15.4	4.5	95	0.2	0.5	0.1	47
537310	Rock Pulp	0.10	144.8	1720	24.5	66	2.0	17.4	17.4	370	3.71	26.0	4.9	191.8	10.7	68	1.3	7.5	2.7	51
537311	Drill Core	3.28	34.2	516.5	14.3	45	0.5	1.3	6.7	495	2.27	39.4	4.7	16.2	4.5	91	0.4	0.4	0.1	47
537312	Drill Core	4.59	17.5	221.1	8.1	28	0.2	1.3	3.5	459	1.53	44.4	6.4	4.3	5.0	82	0.2	0.4	<0.1	47
537313	Drill Core	4.56	16.7	239.6	15.0	31	0.3	2.7	4.5	437	1.68	65.9	16.9	11.1	3.1	96	0.2	5.1	0.3	37
537314	Drill Core	2.62	26.3	150.7	7.5	26	0.3	3.4	9.2	619	2.11	4.9	2.1	3.1	2.5	106	0.2	0.3	0.2	55
537315	Drill Core	7.33	36.0	416.9	29.3	33	0.4	4.6	18.7	500	2.40	79.0	4.0	7.4	2.9	104	0.3	3.9	0.4	52
537316	Drill Core	3.69	5.6	304.4	26.0	30	0.3	2.5	4.8	366	1.47	63.4	3.8	9.4	3.0	81	0.2	0.5	0.2	49
537317	Drill Core	5.54	9.6	243.4	49.0	38	0.3	4.6	5.6	451	1.63	48.4	14.2	9.2	4.4	278	0.2	0.6	0.4	71
537318	Drill Core	3.68	3.8	85.9	15.6	28	<0.1	5.1	6.6	369	1.72	16.0	6.2	1.9	6.4	410	<0.1	0.2	<0.1	57
537319	Drill Core	2.69	0.9	171.1	12.2	26	0.2	4.5	10.0	313	1.55	41.7	1.9	3.2	7.0	276	<0.1	0.3	0.1	62
537320	Drill Core	3.94	2.6	236.1	19.3	38	0.3	7.9	8.6	644	2.08	23.7	3.0	2.2	4.2	350	0.1	0.5	0.2	61
537321	Drill Core	5.14	1.1	139.2	43.7	53	0.4	11.7	8.0	897	2.15	19.6	3.8	2.4	5.5	302	0.2	0.4	0.8	70
537322	Drill Core	4.30	4.5	134.7	22.4	39	0.2	6.4	5.0	552	1.30	20.1	9.3	6.0	4.2	374	0.1	0.9	0.1	49
537323	Drill Core	5.33	7.9	103.1	23.0	47	0.1	14.2	16.3	721	2.30	23.5	4.0	13.7	3.9	444	0.1	0.4	0.2	79
537324	Drill Core	5.32	2.7	75.4	22.5	36	0.1	5.8	12.0	524	1.67	33.7	16.6	1.6	4.5	369	<0.1	0.9	0.2	62

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-167
 Report Date: August 25, 2010

Page: 3 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000385.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.05	1	0.5	0.2	0.005		
537295	Drill Core	2.40	0.068	7	33	0.85	357	0.004	4	0.36	0.085	0.14	0.2	<0.01	6.1	<0.1	0.31	2	0.7	<0.2	
537296	Drill Core	2.34	0.065	8	31	0.85	355	0.006	4	0.35	0.084	0.12	0.3	<0.01	6.9	<0.1	0.34	2	0.5	<0.2	
537297	Drill Core	1.57	0.055	10	11	0.51	79	0.004	2	0.29	0.101	0.09	0.3	<0.01	3.2	<0.1	0.16	2	<0.5	<0.2	
537298	Drill Core	4.26	0.113	8	149	1.03	163	0.016	7	1.36	0.325	0.20	<0.1	0.01	16.5	<0.1	0.28	5	<0.5	<0.2	
537299	Drill Core	2.09	0.049	10	5	0.77	251	0.002	3	0.31	0.078	0.11	<0.1	<0.01	2.9	<0.1	0.45	2	0.5	<0.2	
537300	Drill Core	3.15	0.047	8	5	1.13	191	0.002	4	0.32	0.060	0.11	<0.1	0.02	2.2	<0.1	0.58	2	0.5	<0.2	
537301	Drill Core	4.30	0.057	10	27	1.48	249	0.003	3	0.28	0.073	0.08	0.1	0.02	6.3	<0.1	0.51	2	0.8	<0.2	
537302	Drill Core	1.65	0.057	11	2	0.63	354	0.003	3	0.31	0.103	0.10	0.1	<0.01	2.7	<0.1	0.33	2	<0.5	<0.2	
537303	Drill Core	1.28	0.100	11	3	0.56	386	0.007	4	0.58	0.155	0.14	<0.1	<0.01	5.0	<0.1	0.27	4	0.5	<0.2	
537304	Drill Core	2.29	0.050	11	2	0.80	286	0.005	2	0.26	0.107	0.07	0.2	<0.01	2.4	<0.1	0.38	2	0.6	0.2	
537305	Drill Core	2.63	0.050	11	8	0.98	165	0.003	6	0.42	0.091	0.12	<0.1	0.01	2.7	<0.1	0.66	2	0.9	<0.2	
537306	Drill Core	2.08	0.050	13	5	0.77	77	0.005	3	0.26	0.078	0.17	0.2	<0.01	2.4	<0.1	0.36	2	<0.5	<0.2	
537307	Drill Core	1.20	0.049	13	3	0.52	90	0.008	4	0.38	0.068	0.23	0.3	<0.01	2.7	<0.1	0.52	3	1.0	<0.2	
537308	Drill Core	1.35	0.050	11	5	0.64	138	0.010	2	0.33	0.065	0.23	0.3	<0.01	3.0	<0.1	1.04	3	<0.5	<0.2	
537309	Drill Core	1.30	0.054	14	4	0.57	172	0.009	3	0.33	0.055	0.22	0.2	<0.01	3.3	<0.1	0.70	3	<0.5	<0.2	
537310	Rock Pulp	1.69	0.069	18	67	0.82	78	0.035	6	1.47	0.052	0.53	2.3	0.09	5.5	0.3	1.65	5	2.7	0.3	0.204
537311	Drill Core	1.18	0.057	14	4	0.53	151	0.007	2	0.29	0.052	0.19	0.2	<0.01	3.1	<0.1	0.72	2	<0.5	<0.2	
537312	Drill Core	1.61	0.044	9	3	0.61	228	0.004	2	0.23	0.057	0.16	<0.1	0.01	3.4	<0.1	0.47	2	<0.5	<0.2	
537313	Drill Core	1.49	0.040	6	3	0.53	256	0.002	5	0.30	0.045	0.15	0.1	0.04	2.5	<0.1	0.43	1	<0.5	<0.2	
537314	Drill Core	2.35	0.036	4	2	0.76	140	0.003	6	0.33	0.048	0.19	0.1	<0.01	2.9	<0.1	0.77	2	<0.5	<0.2	
537315	Drill Core	1.84	0.038	3	3	0.70	101	0.003	4	0.28	0.054	0.13	0.1	0.05	2.4	<0.1	0.99	1	0.7	<0.2	
537316	Drill Core	1.49	0.039	3	3	0.52	314	0.003	2	0.26	0.049	0.15	<0.1	0.02	2.5	<0.1	0.37	1	0.6	<0.2	
537317	Drill Core	2.66	0.044	4	2	1.14	345	0.002	2	0.23	0.060	0.11	<0.1	<0.01	2.7	<0.1	0.36	1	0.6	<0.2	
537318	Drill Core	3.22	0.047	9	3	1.47	251	0.004	2	0.23	0.063	0.15	<0.1	<0.01	2.8	<0.1	0.35	2	<0.5	<0.2	
537319	Drill Core	2.40	0.048	9	3	0.94	224	0.003	2	0.19	0.067	0.11	<0.1	<0.01	2.8	<0.1	0.36	1	<0.5	<0.2	
537320	Drill Core	2.87	0.056	9	32	1.08	75	0.002	3	0.39	0.101	0.10	0.1	0.03	7.3	<0.1	0.29	2	<0.5	<0.2	
537321	Drill Core	3.71	0.046	6	44	1.38	237	0.004	3	0.24	0.078	0.09	0.1	0.01	7.7	<0.1	0.23	2	<0.5	<0.2	
537322	Drill Core	3.84	0.050	7	6	1.46	92	0.004	2	0.26	0.076	0.11	<0.1	<0.01	3.1	<0.1	0.13	1	<0.5	<0.2	
537323	Drill Core	3.86	0.062	9	68	1.41	188	0.004	2	0.36	0.114	0.09	<0.1	0.01	11.5	0.1	0.41	2	<0.5	<0.2	
537324	Drill Core	3.09	0.050	10	5	1.09	252	0.002	2	0.28	0.089	0.10	<0.1	0.01	3.0	<0.1	0.31	2	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-167
 Report Date: August 25, 2010

Page: 4 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000385.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
537325	Rock Pulp	0.462	0.09	235.2	4353	42.8	143	2.2	21.4	17.8	497	4.06	102.2	0.7	382.1	1.8	34	1.3	7.0	0.6	77
537326	Drill Core		5.16	6.1	127.6	14.9	31	0.1	2.5	6.9	467	1.67	11.7	1.7	3.4	4.0	165	0.2	0.9	0.1	43
537327	Drill Core		4.21	171.4	207.8	37.1	52	0.3	3.7	11.5	614	1.71	27.2	2.1	14.6	5.1	185	0.3	0.7	0.7	68
537328	Drill Core		3.92	80.0	592.5	58.2	82	0.5	1.8	3.2	491	1.24	49.9	3.1	9.6	8.0	126	0.9	0.9	0.1	58
537329	Drill Core		4.62	3.4	193.4	37.3	72	0.3	2.1	3.5	465	1.42	29.9	1.7	5.3	6.2	111	0.3	0.3	0.7	60
537330	Drill Core		4.93	76.4	74.9	25.2	75	<0.1	1.8	2.9	469	1.13	14.4	3.0	1.5	5.9	120	0.4	0.4	<0.1	57
537331	Drill Core		4.86	5.4	207.6	25.4	67	0.2	2.0	4.3	532	1.39	48.1	2.5	2.7	6.6	219	0.3	2.0	0.1	74
537332	Drill Core		4.08	2.8	405.3	16.2	46	0.4	2.4	6.6	439	2.20	2.5	0.6	3.1	5.6	190	0.1	0.2	0.2	62
537333	Drill Core		4.43	2.3	106.6	29.1	31	0.8	1.5	3.3	358	1.42	3.1	0.6	<0.5	4.4	144	<0.1	0.2	0.2	58
537334	Drill Core		4.52	9.3	89.2	27.7	41	0.2	1.9	4.7	584	1.88	3.3	1.5	1.1	3.6	423	<0.1	0.2	0.2	49
537335	Drill Core		4.97	1.5	61.5	10.1	24	<0.1	0.9	3.5	456	1.77	4.6	0.8	0.7	3.2	209	<0.1	0.5	<0.1	45
537336	Drill Core		5.04	1.8	177.4	9.3	22	0.1	1.1	4.4	395	1.73	1.9	1.2	4.2	3.2	120	<0.1	0.1	0.1	37
537337	Drill Core		4.86	21.8	300.7	15.6	29	0.3	1.5	5.6	459	1.74	2.4	1.1	4.4	3.7	176	0.1	<0.1	0.3	30
537338	Drill Core		4.60	3.6	141.7	26.5	27	0.2	1.7	3.1	375	1.39	2.4	0.5	1.6	4.3	172	0.1	<0.1	0.3	39
537339	Drill Core		4.10	15.9	572.6	18.5	32	0.6	1.4	3.7	510	1.25	9.2	0.7	14.9	4.6	169	0.1	0.5	0.2	43
537340	Rock		0.53	0.7	30.7	4.7	61	<0.1	21.0	8.7	480	2.48	3.0	0.6	<0.5	2.8	56	0.1	0.3	0.1	54
537341	Drill Core		3.95	7.3	247.0	10.2	37	0.2	1.7	4.0	357	1.53	8.7	1.0	15.5	5.1	98	0.1	0.8	0.1	35
537342	Drill Core		4.77	3.3	286.3	12.6	32	0.3	1.6	3.8	454	1.44	3.0	1.0	11.9	5.3	246	0.1	<0.1	0.2	55
537343	Drill Core		4.57	2.0	153.3	7.7	25	0.1	1.3	2.8	290	1.05	1.1	0.9	7.4	5.0	170	<0.1	<0.1	<0.1	47
537344	Drill Core		4.61	9.1	492.0	10.5	21	0.3	1.4	3.8	262	1.21	1.7	0.6	16.3	6.4	139	<0.1	<0.1	0.2	48
537345	Drill Core		3.87	1.9	78.3	10.3	23	0.1	1.2	3.4	304	1.49	2.3	1.0	3.1	5.5	182	<0.1	0.1	<0.1	55
537346	Drill Core		4.10	0.9	44.7	5.5	22	<0.1	1.5	3.8	406	1.56	2.2	1.0	<0.5	4.4	345	<0.1	0.2	<0.1	68
537347	Drill Core		3.31	4.0	157.5	5.4	16	0.1	1.3	2.7	272	1.32	2.5	0.7	3.1	5.3	170	<0.1	0.3	<0.1	55
537348	Drill Core		4.72	18.5	315.8	5.0	19	0.3	1.7	3.8	251	1.33	2.6	0.6	13.6	4.6	107	<0.1	0.2	<0.1	46
537349	Drill Core		4.75	2.9	300.1	9.4	26	0.2	1.6	4.5	503	1.58	2.0	0.9	4.5	4.8	164	<0.1	<0.1	<0.1	61
537350	Drill Core		3.95	1.0	140.5	9.5	20	0.3	1.7	3.8	316	1.56	3.0	0.6	1.2	4.8	89	<0.1	0.3	0.2	59
537351	Drill Core		4.12	1.0	76.0	22.8	25	0.4	1.9	5.1	499	2.01	3.1	0.7	1.5	5.2	193	<0.1	0.1	0.4	67
537352	Drill Core		4.20	0.9	122.5	5.9	16	0.6	1.6	3.9	274	1.70	6.1	0.6	0.7	5.7	103	<0.1	0.3	<0.1	55
537353	Drill Core		4.37	8.9	336.2	8.5	28	0.4	1.5	4.6	456	1.78	3.9	0.7	4.1	5.2	309	0.2	0.2	0.2	60
537354	Drill Core		4.82	11.6	390.6	6.3	29	0.3	1.8	4.0	402	1.51	3.5	1.4	10.3	4.5	268	<0.1	0.1	<0.1	50

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-167
 Report Date: August 25, 2010

Page: 4 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000385.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	0.005	
537325	Rock Pulp	0.43	0.099	10	30	0.62	41	0.061	4	1.10	0.031	0.62	1.0	0.10	6.3	0.5	2.23	4	6.6	0.7	0.414
537326	Drill Core	1.79	0.059	7	5	0.31	381	0.002	3	0.35	0.086	0.11	<0.1	<0.01	3.6	<0.1	0.28	2	<0.5	<0.2	
537327	Drill Core	2.79	0.060	8	5	0.66	203	0.002	3	0.28	0.053	0.12	<0.1	0.04	3.0	<0.1	0.55	1	<0.5	<0.2	
537328	Drill Core	1.96	0.050	11	4	0.65	132	0.002	2	0.25	0.059	0.11	<0.1	0.02	2.4	<0.1	0.14	1	<0.5	<0.2	
537329	Drill Core	1.76	0.059	11	3	0.50	186	0.002	2	0.27	0.061	0.12	<0.1	0.01	2.7	<0.1	0.21	1	<0.5	<0.2	
537330	Drill Core	1.77	0.055	9	3	0.60	234	0.002	3	0.26	0.059	0.13	<0.1	0.01	2.4	<0.1	0.12	1	<0.5	<0.2	
537331	Drill Core	2.60	0.054	9	3	0.96	184	0.002	4	0.32	0.054	0.14	<0.1	0.05	2.5	<0.1	0.16	2	<0.5	<0.2	
537332	Drill Core	2.14	0.051	9	2	0.84	122	0.006	2	0.34	0.055	0.14	0.2	<0.01	2.0	<0.1	0.47	2	<0.5	<0.2	
537333	Drill Core	1.56	0.056	8	3	0.53	264	0.005	2	0.25	0.057	0.09	0.3	<0.01	1.9	<0.1	0.21	1	<0.5	<0.2	
537334	Drill Core	4.09	0.057	10	3	1.45	349	0.003	3	0.30	0.069	0.09	<0.1	<0.01	2.8	<0.1	0.21	2	<0.5	<0.2	
537335	Drill Core	2.19	0.053	12	3	0.74	365	0.005	2	0.26	0.064	0.07	0.1	<0.01	2.7	<0.1	0.10	1	<0.5	<0.2	
537336	Drill Core	1.33	0.063	12	3	0.48	235	0.004	2	0.31	0.059	0.08	0.1	<0.01	1.9	<0.1	0.17	1	<0.5	<0.2	
537337	Drill Core	1.51	0.053	12	2	0.55	331	<0.001	5	0.34	0.065	0.16	<0.1	<0.01	2.1	<0.1	0.31	2	<0.5	<0.2	
537338	Drill Core	1.88	0.039	9	3	0.47	402	0.002	4	0.31	0.057	0.09	<0.1	<0.01	2.1	<0.1	0.13	2	<0.5	<0.2	
537339	Drill Core	2.46	0.054	10	2	0.41	109	<0.001	4	0.34	0.052	0.12	<0.1	<0.01	2.4	<0.1	0.13	2	<0.5	<0.2	
537340	Rock	0.70	0.084	12	21	0.65	134	0.111	2	1.15	0.094	0.17	<0.1	0.01	3.1	<0.1	<0.05	4	<0.5	<0.2	
537341	Drill Core	1.10	0.050	7	2	0.22	247	0.001	3	0.34	0.047	0.11	<0.1	<0.01	2.1	<0.1	0.17	2	<0.5	<0.2	
537342	Drill Core	2.42	0.053	11	<1	0.70	115	0.002	3	0.33	0.056	0.10	<0.1	0.01	3.0	<0.1	0.17	1	<0.5	<0.2	
537343	Drill Core	1.90	0.056	11	3	0.70	74	0.002	2	0.28	0.060	0.08	<0.1	<0.01	3.0	<0.1	0.08	1	<0.5	<0.2	
537344	Drill Core	1.63	0.046	12	3	0.57	122	0.003	2	0.29	0.058	0.09	<0.1	<0.01	2.9	<0.1	0.09	1	<0.5	<0.2	
537345	Drill Core	1.93	0.053	12	3	0.69	26	0.003	3	0.26	0.048	0.07	<0.1	<0.01	2.4	<0.1	0.11	1	<0.5	<0.2	
537346	Drill Core	2.84	0.050	13	3	0.94	32	0.004	2	0.25	0.054	0.07	<0.1	<0.01	3.3	<0.1	0.10	2	<0.5	<0.2	
537347	Drill Core	1.43	0.055	13	3	0.49	44	0.004	3	0.26	0.052	0.08	<0.1	<0.01	3.2	<0.1	0.06	2	<0.5	<0.2	
537348	Drill Core	1.01	0.057	10	3	0.36	34	0.004	2	0.32	0.053	0.09	<0.1	<0.01	2.6	<0.1	0.12	2	<0.5	<0.2	
537349	Drill Core	1.97	0.055	13	3	0.63	34	0.003	3	0.30	0.054	0.10	<0.1	<0.01	3.3	<0.1	0.11	2	<0.5	<0.2	
537350	Drill Core	1.14	0.061	11	3	0.24	31	0.003	3	0.33	0.061	0.12	<0.1	<0.01	2.3	<0.1	0.10	2	<0.5	<0.2	
537351	Drill Core	1.80	0.054	13	2	0.55	32	0.003	2	0.28	0.082	0.07	<0.1	<0.01	3.8	<0.1	0.07	2	<0.5	<0.2	
537352	Drill Core	0.82	0.054	12	4	0.23	51	0.004	3	0.39	0.099	0.10	<0.1	<0.01	3.2	<0.1	0.08	3	<0.5	<0.2	
537353	Drill Core	2.59	0.056	12	4	0.80	32	0.003	3	0.27	0.078	0.08	<0.1	0.01	3.4	<0.1	0.24	2	<0.5	<0.2	
537354	Drill Core	2.52	0.056	12	4	0.87	33	0.002	3	0.38	0.101	0.08	<0.1	<0.01	2.9	<0.1	0.12	3	<0.5	<0.2	

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-167
 Report Date: August 25, 2010

Page: 5 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000385.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
537355	Drill Core		2.80	51.0	1540	14.7	54	0.9	1.2	3.8	408	1.44	15.8	1.3	61.5	3.9	259	0.2	0.2	0.1	40
537356	Drill Core		2.25	36.6	1684	14.0	49	1.0	1.3	4.0	404	1.38	19.7	1.3	63.6	3.8	288	0.2	0.3	0.2	40
537357	Drill Core		4.25	17.6	199.0	7.8	32	0.2	0.9	2.4	252	1.22	3.6	0.8	2.6	6.8	141	<0.1	<0.1	<0.1	43
537358	Drill Core		4.88	9.0	205.8	8.2	36	0.2	0.8	1.9	378	1.04	5.4	2.1	6.3	5.9	198	<0.1	0.2	<0.1	32
537359	Drill Core		5.17	13.5	861.5	6.1	36	0.6	1.3	3.0	310	1.08	13.8	1.9	34.9	3.7	215	<0.1	0.2	0.1	35
537360	Drill Core		5.09	41.8	1393	10.6	36	0.9	1.7	3.7	401	1.23	8.0	1.6	35.9	3.2	285	0.2	0.1	0.2	36
537361	Drill Core		5.50	28.8	408.0	10.0	32	0.7	1.4	3.7	344	1.71	5.2	1.2	15.7	4.2	187	<0.1	0.2	<0.1	42
537362	Drill Core		4.67	3.4	424.7	19.5	152	0.4	1.1	3.3	649	1.65	4.4	1.8	14.8	3.9	335	1.3	0.1	0.2	34
537363	Drill Core		4.82	37.8	280.7	9.5	49	0.2	1.4	2.7	373	1.59	2.7	0.7	10.5	3.8	136	0.2	0.1	0.1	41
537364	Drill Core		4.65	11.2	212.6	16.9	61	0.2	2.4	3.6	550	1.92	7.9	3.2	4.1	4.2	198	0.2	2.3	<0.1	43
537365	Drill Core		4.46	18.2	240.5	15.0	93	0.2	1.9	3.7	618	2.33	2.9	1.2	3.4	3.3	192	0.4	<0.1	0.1	47
537366	Drill Core		4.03	28.1	405.9	29.2	109	0.4	3.4	3.4	658	2.35	4.2	1.0	4.8	3.9	144	0.4	0.2	0.2	47
537367	Drill Core		5.14	25.1	284.0	16.5	52	0.4	13.3	5.4	595	2.01	10.7	4.2	4.4	4.9	301	0.2	0.1	0.2	48
537368	Drill Core		4.35	2.2	123.6	4.5	21	0.2	1.4	1.9	248	1.18	2.6	1.0	0.9	4.8	160	<0.1	<0.1	<0.1	30
537369	Drill Core		4.50	5.9	257.9	3.5	17	0.2	1.4	1.9	226	1.09	12.9	5.6	4.5	5.2	235	<0.1	0.1	<0.1	30
537370	Rock Pulp		0.09	139.5	1686	23.5	64	2.0	16.1	16.6	345	3.66	25.4	4.6	179.4	9.9	65	1.1	7.2	2.7	50
537371	Drill Core		5.13	27.1	193.3	9.8	27	0.2	1.3	1.6	341	1.62	13.3	1.6	9.7	4.0	137	<0.1	0.2	<0.1	31
537372	Drill Core		4.59	7.0	734.7	9.8	41	0.5	2.3	7.5	377	2.26	52.8	1.3	12.4	4.6	133	0.1	0.3	0.1	39
537373	Drill Core		4.60	4.7	325.0	11.5	45	0.3	5.6	5.4	539	2.08	60.3	1.6	5.0	3.8	202	<0.1	0.4	0.1	40
537374	Drill Core		3.58	6.1	323.1	47.9	39	0.4	1.8	4.3	454	1.88	16.5	1.4	4.2	3.8	211	<0.1	0.2	0.1	32
537375	Drill Core		5.02	18.4	744.0	12.9	44	0.8	1.8	4.6	471	1.77	17.7	1.9	11.7	4.1	265	0.2	0.1	0.2	36
537376	Drill Core		4.68	18.6	1251	8.9	28	0.9	1.6	4.5	351	1.48	4.6	1.5	23.3	5.8	248	0.2	<0.1	0.2	31
537377	Drill Core	0.248	4.77	51.8	2231	19.8	74	1.8	1.7	5.2	389	1.58	34.5	4.0	27.6	5.8	238	0.5	0.3	0.2	33
537378	Drill Core		4.73	19.1	793.2	24.1	52	0.7	1.9	4.6	378	1.61	13.7	2.0	13.9	4.1	239	0.3	0.2	0.2	38
537379	Drill Core		5.82	6.5	405.2	11.6	33	0.3	1.8	3.9	390	1.48	18.0	4.6	7.0	4.6	255	0.3	0.3	0.1	33
537380	Drill Core		5.11	0.7	78.0	22.7	39	0.1	5.2	10.0	714	2.32	7.7	4.3	1.0	4.0	481	<0.1	<0.1	0.2	48
537381	Drill Core		5.54	0.7	61.6	21.1	36	0.1	4.8	8.7	670	2.21	5.6	2.1	<0.5	3.6	418	<0.1	<0.1	<0.1	47
537382	Drill Core		5.16	0.3	37.7	47.4	36	0.1	5.6	9.6	725	2.40	6.5	1.9	<0.5	3.7	403	<0.1	<0.1	0.5	47
537383	Drill Core		5.44	0.7	98.4	11.6	35	0.2	4.9	9.4	691	2.34	5.4	0.8	<0.5	3.8	354	<0.1	<0.1	<0.1	46
537384	Drill Core		5.23	0.7	73.8	15.0	33	<0.1	4.8	8.6	727	2.27	5.4	1.7	<0.5	3.5	398	<0.1	<0.1	0.1	45



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-167
 Report Date: August 25, 2010

Page: 5 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000385.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
537355	Drill Core	1.49	0.074	10	2	0.72	33	0.001	3	0.52	0.146	0.07	<0.1	0.02	3.3	<0.1	0.20	4	1.2	<0.2	
537356	Drill Core	1.72	0.072	10	2	0.80	64	0.001	3	0.51	0.150	0.07	<0.1	0.02	3.1	<0.1	0.23	3	1.3	<0.2	
537357	Drill Core	0.64	0.056	12	3	0.19	42	0.002	4	0.52	0.151	0.08	<0.1	<0.01	2.7	<0.1	0.06	3	<0.5	<0.2	
537358	Drill Core	1.84	0.047	9	2	0.33	39	0.002	4	0.40	0.123	0.07	<0.1	<0.01	1.9	<0.1	0.08	3	<0.5	<0.2	
537359	Drill Core	1.22	0.082	8	4	0.29	126	0.010	4	0.72	0.241	0.09	<0.1	0.01	3.2	<0.1	0.16	4	0.6	<0.2	
537360	Drill Core	2.02	0.078	11	3	0.45	75	0.002	4	0.53	0.202	0.07	<0.1	<0.01	3.2	<0.1	0.27	3	1.5	<0.2	
537361	Drill Core	1.22	0.079	12	4	0.32	76	0.003	4	0.42	0.163	0.09	<0.1	0.01	2.9	<0.1	0.21	3	<0.5	<0.2	
537362	Drill Core	2.46	0.070	11	2	0.67	33	0.004	3	0.35	0.149	0.06	<0.1	<0.01	2.9	<0.1	0.17	2	<0.5	<0.2	
537363	Drill Core	0.90	0.077	9	3	0.36	25	0.002	3	0.32	0.105	0.07	<0.1	<0.01	3.2	<0.1	0.11	2	<0.5	<0.2	
537364	Drill Core	1.60	0.074	10	4	0.65	24	0.002	4	0.30	0.086	0.08	<0.1	0.03	3.2	<0.1	0.11	2	<0.5	<0.2	
537365	Drill Core	1.32	0.079	12	3	0.64	24	0.002	2	0.28	0.096	0.06	<0.1	<0.01	3.5	<0.1	0.16	2	<0.5	<0.2	
537366	Drill Core	0.98	0.077	11	6	0.54	26	0.004	2	0.36	0.092	0.12	<0.1	<0.01	3.5	<0.1	0.26	3	<0.5	<0.2	
537367	Drill Core	2.52	0.052	9	18	0.99	37	0.002	2	0.26	0.097	0.08	<0.1	0.01	3.9	<0.1	0.40	2	<0.5	<0.2	
537368	Drill Core	1.08	0.050	9	2	0.44	28	0.001	3	0.35	0.118	0.07	<0.1	<0.01	2.9	<0.1	0.08	2	<0.5	<0.2	
537369	Drill Core	1.78	0.040	9	3	0.66	39	0.002	3	0.34	0.120	0.07	<0.1	<0.01	2.7	<0.1	0.10	2	<0.5	<0.2	
537370	Rock Pulp	1.65	0.063	17	63	0.77	79	0.035	6	1.44	0.050	0.49	2.0	0.09	5.1	0.3	1.61	5	2.3	0.3	0.212
537371	Drill Core	0.96	0.060	8	2	0.45	23	0.002	3	0.35	0.124	0.06	<0.1	<0.01	2.7	<0.1	0.13	2	<0.5	<0.2	
537372	Drill Core	1.42	0.058	10	4	0.45	33	0.002	5	0.36	0.100	0.11	<0.1	<0.01	2.7	<0.1	0.49	3	0.5	<0.2	
537373	Drill Core	2.12	0.056	11	18	0.84	91	0.002	5	0.44	0.132	0.12	0.1	0.01	4.2	0.1	0.21	3	<0.5	<0.2	
537374	Drill Core	1.72	0.055	10	3	0.65	186	0.003	5	0.58	0.167	0.09	<0.1	<0.01	2.8	<0.1	0.25	3	<0.5	<0.2	
537375	Drill Core	2.13	0.060	11	3	0.71	280	0.002	3	0.35	0.133	0.07	<0.1	<0.01	2.7	<0.1	0.33	2	0.5	<0.2	
537376	Drill Core	1.65	0.049	12	2	0.43	139	0.002	3	0.46	0.151	0.07	0.1	<0.01	3.0	<0.1	0.28	3	0.7	<0.2	
537377	Drill Core	1.70	0.050	10	3	0.57	179	0.001	2	0.30	0.085	0.08	<0.1	0.02	2.7	<0.1	0.48	2	1.2	<0.2	
537378	Drill Core	1.70	0.061	10	3	0.57	89	0.002	4	0.38	0.106	0.10	<0.1	<0.01	3.0	<0.1	0.35	3	0.5	<0.2	
537379	Drill Core	2.41	0.046	11	3	0.62	45	0.002	2	0.27	0.093	0.08	<0.1	<0.01	2.6	<0.1	0.43	2	0.5	<0.2	
537380	Drill Core	2.90	0.109	12	9	0.61	141	0.003	4	0.83	0.301	0.06	<0.1	<0.01	6.9	<0.1	0.24	2	<0.5	<0.2	
537381	Drill Core	3.21	0.096	11	10	0.54	203	0.006	5	0.95	0.327	0.08	<0.1	<0.01	7.0	<0.1	0.18	3	<0.5	<0.2	
537382	Drill Core	3.11	0.097	11	10	0.51	111	0.005	5	0.92	0.318	0.10	<0.1	<0.01	6.9	<0.1	0.28	4	<0.5	<0.2	
537383	Drill Core	3.04	0.104	11	10	0.57	81	0.004	5	0.82	0.271	0.10	<0.1	<0.01	6.7	<0.1	0.25	3	<0.5	<0.2	
537384	Drill Core	2.60	0.095	11	9	0.80	45	0.004	5	0.75	0.294	0.07	<0.1	<0.01	6.5	<0.1	0.19	3	<0.5	<0.2	

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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-167
 Report Date: August 25, 2010

Page: 6 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI10000385.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	
537385	Rock Pulp	0.470	0.08	231.0	4303	43.2	146	2.2	23.2	18.4	490	4.15	108.3	0.7	597.4	1.9	33	1.5	7.2	0.7	76
537386	Drill Core		4.30	1.3	96.2	21.9	37	0.1	4.4	7.7	632	2.16	5.7	1.0	0.7	4.0	298	0.1	<0.1	0.2	50
537387	Drill Core		5.71	8.1	264.5	13.7	43	0.2	2.7	5.6	573	1.61	39.9	4.4	1.8	5.4	169	0.2	0.2	0.2	40
537388	Drill Core		4.69	4.3	235.2	21.2	65	0.2	7.4	6.1	707	2.01	7.1	2.1	8.7	4.4	147	0.3	0.1	0.1	61
537389	Drill Core		3.69	17.4	357.2	79.6	111	0.4	11.6	7.6	915	2.12	24.9	3.1	17.6	4.0	185	0.9	0.4	0.3	58
537390	Drill Core		4.54	14.6	335.3	19.7	44	0.3	4.5	7.3	647	2.02	4.3	1.9	4.4	3.8	282	0.2	<0.1	0.1	53



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-167
 Report Date: August 25, 2010

Page: 6 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI10000385.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/mt
MDL	0.01	0.001	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	0.005	
537385	Rock Pulp	0.44	0.097	10	31	0.61	39	0.059	5	1.06	0.026	0.60	1.0	0.10	6.0	0.4	2.24	4	7.2	0.6	0.398
537386	Drill Core	1.88	0.099	10	9	0.54	41	0.003	3	0.69	0.232	0.08	<0.1	<0.01	7.1	<0.1	0.25	3	<0.5	<0.2	
537387	Drill Core	2.03	0.053	10	4	0.77	36	0.002	2	0.36	0.107	0.08	<0.1	<0.01	3.4	<0.1	0.25	2	0.6	<0.2	
537388	Drill Core	2.06	0.065	10	11	0.81	24	0.004	3	0.35	0.076	0.09	<0.1	<0.01	4.6	<0.1	0.19	2	<0.5	<0.2	
537389	Drill Core	2.28	0.061	10	17	0.92	28	0.003	3	0.38	0.099	0.09	<0.1	<0.01	5.2	<0.1	0.23	3	<0.5	<0.2	
537390	Drill Core	2.72	0.066	10	7	0.99	127	0.002	3	0.55	0.129	0.09	<0.1	<0.01	4.8	<0.1	0.25	3	<0.5	<0.2	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-167
Report Date: August 25, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000385.1

Method	7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	
Pulp Duplicates																					
537293	Drill Core	8.03	2.9	57.9	6.0	83	<0.1	37.9	20.6	1003	3.06	4.0	1.2	0.8	3.2	540	<0.1	0.3	<0.1	70	
REP 537293	QC		2.7	57.7	5.8	79	<0.1	37.5	20.6	973	3.08	3.9	1.2	1.0	3.1	552	<0.1	0.3	<0.1	70	
537325	Rock Pulp	0.462	0.09	235.2	4353	42.8	143	2.2	21.4	17.8	497	4.06	102.2	0.7	382.1	1.8	34	1.3	7.0	0.6	77
REP 537325	QC	0.450																			
537343	Drill Core	4.57	2.0	153.3	7.7	25	0.1	1.3	2.8	290	1.05	1.1	0.9	7.4	5.0	170	<0.1	<0.1	<0.1	47	
REP 537343	QC		2.0	156.9	8.9	25	0.1	1.2	2.8	288	1.08	1.5	0.9	9.3	5.4	178	<0.1	<0.1	<0.1	48	
Core Reject Duplicates																					
537270	Drill Core	4.40	1.3	127.9	3.9	25	<0.1	1.8	6.7	459	2.03	5.0	0.8	0.8	2.8	276	<0.1	0.3	<0.1	47	
DUP 537270	QC		1.2	130.2	4.0	27	<0.1	1.8	6.9	476	2.06	4.5	0.9	1.9	2.8	277	<0.1	0.3	<0.1	48	
537305	Drill Core	4.94	1.5	337.9	23.1	32	0.3	7.0	13.6	416	2.16	34.3	4.2	12.7	2.7	348	0.2	1.3	0.2	44	
DUP 537305	QC		1.6	350.4	23.7	34	0.3	7.1	13.1	429	2.17	38.4	4.5	16.4	2.8	363	0.2	1.4	0.2	45	
537340	Rock	0.53	0.7	30.7	4.7	61	<0.1	21.0	8.7	480	2.48	3.0	0.6	<0.5	2.8	56	0.1	0.3	0.1	54	
DUP 537340	QC		0.9	32.7	4.9	62	<0.1	21.5	8.9	493	2.56	3.9	0.6	<0.5	2.9	61	<0.1	0.3	0.1	54	
537375	Drill Core	5.02	18.4	744.0	12.9	44	0.8	1.8	4.6	471	1.77	17.7	1.9	11.7	4.1	265	0.2	0.1	0.2	36	
DUP 537375	QC		19.0	742.1	13.7	45	0.8	2.0	4.7	475	1.82	17.8	2.0	10.2	4.1	274	0.2	0.1	0.2	37	
Reference Materials																					
STD DS7	Standard		20.3	107.5	71.8	404	1.0	55.4	9.4	627	2.42	52.2	5.4	71.3	4.7	79	5.8	6.2	5.1	81	
STD DS7	Standard		20.9	109.1	68.7	405	1.0	53.3	9.3	635	2.39	50.3	4.9	70.6	4.5	79	6.6	6.2	4.9	81	
STD DS7	Standard		21.9	114.2	74.2	407	0.9	56.2	9.8	627	2.42	52.4	5.8	67.4	5.0	80	7.1	6.4	5.4	80	
STD DS7	Standard		20.0	110.5	71.4	414	0.9	54.1	9.4	603	2.35	52.5	5.6	62.5	5.0	79	7.0	6.4	5.0	79	
STD DS7	Standard		20.3	108.9	70.8	403	0.9	53.6	8.9	626	2.31	52.7	5.7	71.1	5.0	78	7.2	6.6	5.0	79	
STD DS7	Standard		19.7	115.0	71.2	400	1.0	54.2	9.4	625	2.36	49.8	5.6	80.5	5.1	82	7.1	6.7	5.2	79	
STD DS7	Standard		20.5	110.7	75.6	415	1.0	55.4	9.3	651	2.44	52.3	5.3	92.8	5.0	75	6.3	6.3	5.1	81	
STD DS7	Standard		21.7	110.8	75.1	409	1.0	54.6	9.4	656	2.45	52.9	5.6	100.9	5.3	78	6.2	6.4	5.2	84	
STD OXH66	Standard																				
STD OXK79	Standard																				
STD R4A	Standard	0.513																			
STD R4A	Standard	0.519																			

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Project: Kwanika-167
Report Date: August 25, 2010

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000385.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	
MDL		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005		
Pulp Duplicates																						
537293	Drill Core	3.59	0.101	5	140	0.76	52	0.065	4	0.86	0.223	0.07	0.1	<0.01	9.7	<0.1	0.14	3	<0.5	<0.2		
REP 537293	QC	3.60	0.104	5	136	0.77	52	0.062	4	0.86	0.227	0.08	0.1	<0.01	9.7	<0.1	0.13	3	<0.5	<0.2		
537325	Rock Pulp	0.43	0.099	10	30	0.62	41	0.061	4	1.10	0.031	0.62	1.0	0.10	6.3	0.5	2.23	4	6.6	0.7	0.414	
REP 537325	QC																					
537343	Drill Core	1.90	0.056	11	3	0.70	74	0.002	2	0.28	0.060	0.08	<0.1	<0.01	3.0	<0.1	0.08	1	<0.5	<0.2		
REP 537343	QC	1.94	0.058	11	<1	0.70	76	0.003	3	0.29	0.062	0.09	<0.1	<0.01	3.1	<0.1	0.08	2	<0.5	<0.2		
Core Reject Duplicates																						
537270	Drill Core	2.19	0.070	11	3	0.46	308	0.003	6	0.36	0.049	0.07	0.1	<0.01	3.0	<0.1	0.20	3	<0.5	<0.2		
DUP 537270	QC	2.21	0.077	11	4	0.46	306	0.003	5	0.38	0.050	0.07	<0.1	<0.01	2.9	<0.1	0.20	3	<0.5	<0.2		
537305	Drill Core	2.63	0.050	11	8	0.98	165	0.003	6	0.42	0.091	0.12	<0.1	0.01	2.7	<0.1	0.66	2	0.9	<0.2		
DUP 537305	QC	2.71	0.054	11	7	1.04	151	0.002	5	0.39	0.089	0.11	0.1	0.01	2.6	<0.1	0.66	2	0.7	<0.2		
537340	Rock	0.70	0.084	12	21	0.65	134	0.111	2	1.15	0.094	0.17	<0.1	0.01	3.1	<0.1	<0.05	4	<0.5	<0.2		
DUP 537340	QC	0.72	0.085	12	22	0.68	140	0.115	2	1.23	0.105	0.18	0.1	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2		
537375	Drill Core	2.13	0.060	11	3	0.71	280	0.002	3	0.35	0.133	0.07	<0.1	<0.01	2.7	<0.1	0.33	2	0.5	<0.2		
DUP 537375	QC	2.17	0.058	12	3	0.72	299	0.002	3	0.38	0.137	0.07	<0.1	<0.01	2.9	<0.1	0.33	2	0.8	<0.2		
Reference Materials																						
STD DS7	Standard	0.97	0.074	13	188	1.06	421	0.132	38	1.04	0.097	0.49	3.8	0.23	2.3	4.1	0.20	5	3.2	1.3		
STD DS7	Standard	0.96	0.075	13	193	1.05	415	0.127	36	1.05	0.095	0.48	3.8	0.21	2.2	4.1	0.20	5	3.4	1.6		
STD DS7	Standard	0.98	0.075	13	190	1.07	407	0.137	43	1.05	0.098	0.48	3.6	0.23	2.7	4.2	0.19	5	3.2	1.1		
STD DS7	Standard	0.97	0.075	14	188	1.05	395	0.133	38	1.03	0.094	0.47	3.6	0.21	2.6	3.9	0.19	5	2.9	0.9		
STD DS7	Standard	0.96	0.074	14	186	1.03	402	0.134	38	1.04	0.096	0.47	3.6	0.20	2.6	4.0	0.19	5	3.1	1.2		
STD DS7	Standard	0.98	0.074	14	188	1.07	405	0.139	40	1.04	0.097	0.49	3.7	0.22	2.7	4.3	0.19	5	3.0	1.4		
STD DS7	Standard	0.96	0.079	13	198	1.09	423	0.133	38	1.06	0.097	0.49	3.7	0.24	2.5	4.1	0.20	5	2.9	1.0		
STD DS7	Standard	0.98	0.081	14	198	1.10	422	0.134	41	1.07	0.099	0.49	3.9	0.23	2.4	4.0	0.20	5	3.0	1.0		
STD OXH66	Standard																				1.301	
STD OXK79	Standard																					3.589
STD R4A	Standard																					
STD R4A	Standard																					



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**

#500 - 602 West Hastings Street

Vancouver BC V6B 1P2 Canada

Project: Kwanika-167

Report Date: August 25, 2010

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

SMI10000385.1

		7AR	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cu	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		%	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
STD R4A	Standard	0.520																			
STD R4A	Standard	0.521																			
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD OXH66 Expected																					
STD OXK79 Expected																					
STD R4A Expected		0.502																			
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001																			
BLK	Blank	<0.001																			
Prep Wash																					
G1	Prep Blank			0.1	2.5	3.0	46	<0.1	3.1	4.3	551	1.93	<0.5	2.1	<0.5	6.5	58	<0.1	<0.1	0.1	37
G1	Prep Blank			0.1	2.8	3.2	45	<0.1	2.9	4.1	547	2.08	<0.5	2.8	<0.5	8.1	68	<0.1	<0.1	<0.1	40



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-167
 Report Date: August 25, 2010

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

SMI10000385.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt
		0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
STD R4A	Standard																				
STD R4A	Standard																				
STD DS7 Expected		0.93	0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08	
STD OXH66 Expected																					1.285
STD OXK79 Expected																					3.532
STD R4A Expected																					
BLK	Blank	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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	<0.01	<0.001	<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																				<0.005
BLK	Blank																				<0.005
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.50	0.081	13	9	0.55	188	0.135	<1	0.95	0.083	0.54	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.57	0.090	16	13	0.52	166	0.133	1	0.96	0.094	0.49	0.2	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: August 09, 2010
Report Date: August 26, 2010
Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI10000386.1

CLIENT JOB INFORMATION

Project: Kwanika-168
Shipment ID: 2010-09
P.O. Number
Number of Samples: 35

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Serengeti Resources
#500 - 602 West Hastings Street
Vancouver BC V6B 1P2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	34	Crush split and pulverize 250g drill core to 200 mesh			SMI
1DX2	35	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G601	1	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
7AR	1	1:1:1 Aqua Regia Digestion ICP-ES Finish	1	Completed	VAN

ADDITIONAL COMMENTS



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. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-168
 Report Date: August 26, 2010

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

SMI10000386.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
539462	Drill Core	3.10	1.2	317.6	9.3	26	0.1	3.6	6.6	452	1.95	91.6	1.0	1.6	3.2	208	0.1	3.0	<0.1	43	3.11
539463	Drill Core	4.56	1.4	113.4	5.5	22	<0.1	1.5	4.4	363	2.01	20.6	1.2	1.8	3.5	148	0.1	1.5	<0.1	37	2.78
539464	Drill Core	5.07	2.0	72.4	3.9	15	<0.1	1.1	5.2	324	1.78	23.3	2.9	2.4	3.7	104	<0.1	4.8	<0.1	15	2.28
539465	Rock Pulp	0.08	229.6	4322	41.6	143	2.2	22.1	18.1	487	4.15	107.4	0.7	408.4	1.8	33	1.5	6.7	0.6	75	0.43
539466	Drill Core	4.40	2.5	106.8	8.2	15	0.1	1.1	5.0	381	1.77	19.9	1.2	6.6	2.3	146	<0.1	5.0	<0.1	28	2.80
539467	Drill Core	4.41	2.3	333.4	130.0	37	1.5	1.1	6.1	368	1.79	52.5	2.0	5.7	2.4	137	0.2	95.1	0.2	25	2.55
539468	Drill Core	3.91	1.7	86.1	83.1	15	0.8	1.0	5.9	386	1.51	29.7	2.0	4.0	2.7	150	0.1	7.1	1.6	13	2.45
539469	Drill Core	4.91	0.3	26.6	6.8	18	<0.1	0.9	4.0	325	1.75	3.7	0.5	1.2	2.9	211	<0.1	0.5	<0.1	32	1.82
539470	Drill Core	4.75	1.9	307.2	6.3	25	0.2	0.8	8.1	365	1.94	28.5	0.9	6.7	3.8	215	0.1	0.4	<0.1	42	2.06
539471	Drill Core	4.47	0.4	63.8	4.4	18	<0.1	1.0	5.2	414	1.78	3.8	1.2	1.4	3.6	258	<0.1	0.2	<0.1	37	2.68
539472	Drill Core	4.77	0.6	112.5	14.2	15	0.4	1.1	5.5	293	1.65	4.1	0.8	0.8	3.1	209	<0.1	1.3	0.7	31	1.63
539473	Drill Core	4.16	14.9	201.9	10.1	19	0.1	1.0	5.9	305	1.92	27.9	0.8	4.4	3.6	154	<0.1	0.7	<0.1	37	1.72
539474	Drill Core	4.22	0.5	224.6	8.5	21	0.2	0.8	4.1	315	1.93	28.8	1.0	2.2	3.5	184	<0.1	0.8	<0.1	38	1.68
539475	Drill Core	3.56	0.3	30.5	7.9	23	<0.1	0.9	4.8	507	2.17	3.5	1.4	<0.5	4.4	336	<0.1	0.2	<0.1	44	3.34
539476	Drill Core	4.56	0.5	31.7	3.8	20	<0.1	0.5	3.6	386	2.03	3.1	1.5	0.9	4.0	228	<0.1	0.2	<0.1	37	2.49
539477	Drill Core	4.33	1.5	150.0	4.0	19	0.1	0.9	3.8	247	2.09	11.6	1.1	2.7	3.2	168	<0.1	5.4	<0.1	39	1.50
539478	Drill Core	3.41	3.7	808.2	11.7	33	0.6	1.3	9.2	375	2.13	106.6	5.7	22.7	4.2	183	0.4	39.0	0.2	22	2.06
539479	Drill Core	5.38	6.1	518.8	13.7	35	0.5	1.7	10.0	356	1.90	97.5	4.8	14.1	5.2	173	0.3	39.9	0.2	23	2.33
539480	Drill Core	0.51	0.8	19.2	4.0	42	<0.1	16.3	7.1	439	2.26	5.2	0.8	1.3	3.9	43	0.1	0.6	<0.1	45	0.43
539481	Drill Core	3.83	32.4	985.5	13.8	44	0.8	1.2	14.9	358	2.33	101.9	6.3	20.1	3.6	174	0.3	55.5	0.2	41	2.46
539482	Drill Core	4.08	9.9	842.9	50.3	20	1.0	0.8	6.3	248	1.94	17.1	1.5	27.7	4.7	156	<0.1	0.6	1.1	44	1.61
539483	Drill Core	4.97	0.7	272.6	3.3	18	0.1	0.7	4.1	246	2.03	3.3	1.2	7.7	3.2	148	<0.1	0.4	<0.1	37	1.74
539484	Drill Core	4.94	0.7	362.8	3.2	21	0.2	1.1	6.1	247	2.37	8.1	1.1	14.8	3.5	173	<0.1	0.4	<0.1	43	1.59
539485	Drill Core	5.08	2.6	233.8	4.8	25	0.2	0.7	5.5	274	2.26	18.9	1.6	6.1	3.2	195	<0.1	5.5	<0.1	40	1.79
539486	Drill Core	5.23	18.1	332.9	9.8	27	0.3	1.1	6.9	341	2.05	32.9	1.7	4.5	3.2	181	0.2	1.3	0.2	57	2.49
539487	Drill Core	4.48	1.9	159.8	5.2	29	0.1	0.9	5.5	252	2.12	14.4	1.5	1.4	4.1	120	0.1	0.2	<0.1	47	1.68
539488	Drill Core	4.76	2.4	131.9	5.2	39	0.1	0.9	4.8	241	2.23	9.7	1.4	2.4	3.4	129	0.1	0.3	<0.1	51	1.38
539489	Drill Core	4.70	5.8	698.4	14.4	46	0.5	1.3	20.1	366	2.76	85.7	1.2	5.0	3.1	136	0.5	4.8	0.1	62	2.41
539490	Drill Core	4.61	3.2	688.0	5.4	37	0.5	1.0	8.2	351	2.41	132.1	2.0	7.8	2.9	166	0.2	1.6	<0.1	67	2.58
539491	Drill Core	4.72	12.4	510.3	5.5	38	0.4	1.2	9.2	350	2.42	72.2	1.9	7.7	3.0	144	0.2	3.0	<0.1	56	2.00

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-168
 Report Date: August 26, 2010

Page: 2 of 3 Part 2

CERTIFICATE OF ANALYSIS

SMI10000386.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	7AR
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	%	
MDL	0.001	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	0.005	0.001	
539462	Drill Core	0.055	9	8	0.74	198	0.002	2	0.38	0.052	0.12	0.2	0.03	3.1	<0.1	0.21	2	<0.5	<0.2		
539463	Drill Core	0.064	8	2	0.41	457	0.002	4	0.40	0.040	0.14	0.1	0.04	2.7	<0.1	0.23	2	<0.5	<0.2		
539464	Drill Core	0.053	8	2	0.19	249	0.001	6	0.45	0.028	0.19	0.1	0.05	2.2	<0.1	0.46	1	<0.5	<0.2		
539465	Rock Pulp	0.094	10	30	0.62	39	0.057	3	1.04	0.024	0.61	1.1	0.10	6.2	0.4	2.27	4	6.3	1.0	0.433	0.469
539466	Drill Core	0.061	8	2	0.23	244	0.001	9	0.52	0.028	0.19	0.2	0.06	2.2	<0.1	0.23	2	<0.5	<0.2		
539467	Drill Core	0.056	7	3	0.21	256	0.001	9	0.45	0.028	0.21	0.2	0.39	2.1	<0.1	0.48	2	<0.5	<0.2		
539468	Drill Core	0.052	6	1	0.23	261	<0.001	9	0.51	0.015	0.25	0.1	0.06	1.7	<0.1	0.59	2	<0.5	0.4		
539469	Drill Core	0.058	11	2	0.42	200	0.001	4	0.46	0.049	0.11	<0.1	0.01	1.9	<0.1	0.15	2	<0.5	<0.2		
539470	Drill Core	0.058	14	2	0.50	263	0.002	3	0.35	0.048	0.09	0.1	0.03	2.0	<0.1	0.21	2	<0.5	0.2		
539471	Drill Core	0.056	12	2	0.63	371	0.002	3	0.35	0.055	0.10	0.1	0.01	2.1	<0.1	0.15	2	<0.5	<0.2		
539472	Drill Core	0.061	9	2	0.36	279	0.001	4	0.41	0.040	0.14	<0.1	0.02	1.8	<0.1	0.19	2	<0.5	<0.2		
539473	Drill Core	0.057	12	3	0.32	88	0.003	4	0.39	0.059	0.14	<0.1	0.02	1.8	<0.1	0.37	2	<0.5	<0.2		
539474	Drill Core	0.059	13	2	0.37	90	0.003	3	0.40	0.056	0.11	0.1	0.02	2.0	<0.1	0.25	2	<0.5	<0.2		
539475	Drill Core	0.064	16	3	0.84	196	0.002	4	0.43	0.068	0.12	0.1	<0.01	2.2	<0.1	0.16	2	<0.5	<0.2		
539476	Drill Core	0.059	14	2	0.59	343	0.002	4	0.35	0.053	0.10	0.2	<0.01	2.1	<0.1	0.10	2	<0.5	<0.2		
539477	Drill Core	0.057	11	3	0.35	570	0.002	5	0.46	0.054	0.17	0.2	0.02	1.9	<0.1	0.15	2	<0.5	<0.2		
539478	Drill Core	0.059	9	1	0.27	116	<0.001	6	0.45	0.009	0.24	0.1	0.13	1.6	0.1	0.99	2	<0.5	<0.2		
539479	Drill Core	0.054	8	3	0.29	115	<0.001	7	0.41	0.017	0.24	0.2	0.15	2.3	0.1	0.94	2	<0.5	<0.2		
539480	Drill Core	0.062	12	23	0.47	116	0.092	2	1.07	0.088	0.21	<0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2		
539481	Drill Core	0.061	7	2	0.38	73	0.001	6	0.38	0.021	0.22	0.3	0.11	1.8	0.1	1.37	2	<0.5	<0.2		
539482	Drill Core	0.057	11	4	0.26	515	0.003	4	0.44	0.057	0.17	0.2	0.02	1.8	<0.1	0.23	2	<0.5	<0.2		
539483	Drill Core	0.059	11	3	0.25	285	0.003	3	0.36	0.054	0.13	0.2	<0.01	2.1	<0.1	0.21	2	<0.5	<0.2		
539484	Drill Core	0.062	14	4	0.28	181	0.005	3	0.51	0.071	0.15	0.3	0.02	2.3	<0.1	0.20	3	<0.5	<0.2		
539485	Drill Core	0.063	12	2	0.37	215	0.004	4	0.43	0.062	0.15	0.2	0.03	2.0	<0.1	0.23	3	<0.5	<0.2		
539486	Drill Core	0.060	10	3	0.32	467	0.011	4	0.40	0.076	0.15	0.3	0.02	2.1	<0.1	0.35	2	<0.5	<0.2		
539487	Drill Core	0.058	11	4	0.25	311	0.009	2	0.30	0.074	0.13	0.2	<0.01	2.0	<0.1	0.42	2	<0.5	<0.2		
539488	Drill Core	0.054	13	4	0.31	175	0.007	3	0.39	0.065	0.17	0.2	<0.01	2.2	<0.1	0.31	3	<0.5	<0.2		
539489	Drill Core	0.061	11	3	0.38	152	0.007	3	0.33	0.055	0.14	0.2	0.03	2.4	<0.1	0.92	2	<0.5	<0.2		
539490	Drill Core	0.059	15	3	0.72	536	0.007	2	0.44	0.055	0.12	0.1	0.02	2.3	<0.1	0.25	2	<0.5	<0.2		
539491	Drill Core	0.065	13	3	0.42	177	0.004	3	0.36	0.054	0.15	0.1	0.03	2.2	<0.1	0.38	2	<0.5	<0.2		

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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-168
 Report Date: August 26, 2010

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

SMI10000386.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
539492	Drill Core	4.52	11.1	423.1	5.1	31	0.4	1.1	8.9	364	1.96	65.5	3.3	3.7	3.2	230	0.3	2.6	<0.1	45	2.41
539493	Drill Core	4.76	4.9	741.2	4.4	33	0.4	1.2	24.3	336	2.82	36.8	1.9	26.0	3.4	168	<0.1	0.6	<0.1	64	1.90
539494	Drill Core	4.54	8.1	1121	5.0	42	0.5	1.3	45.2	301	3.61	114.1	2.6	25.4	5.1	94	0.1	1.0	0.1	96	1.12
539495	Drill Core	1.75	35.5	569.1	13.7	55	0.4	1.0	15.8	375	2.74	75.3	6.8	9.8	3.4	170	0.3	1.0	0.2	98	2.06
539496	Drill Core	1.58	15.2	541.1	17.5	55	0.4	1.1	14.6	459	3.02	80.5	7.1	7.8	2.8	233	0.5	1.1	0.2	131	2.78



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-168
 Report Date: August 26, 2010

Page: 3 of 3 Part 2

CERTIFICATE OF ANALYSIS

SMI10000386.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	7AR
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	%	
MDL	0.001	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	0.005	0.001	
539492	Drill Core	0.059	9	2	0.49	295	0.003	3	0.40	0.048	0.17	0.2	0.02	2.0	<0.1	0.47	2	<0.5	0.2		
539493	Drill Core	0.063	14	3	0.41	174	0.004	3	0.38	0.061	0.14	0.4	<0.01	2.4	<0.1	0.33	3	<0.5	<0.2		
539494	Drill Core	0.047	10	4	0.34	186	0.003	4	0.39	0.047	0.21	0.3	0.03	2.0	<0.1	0.85	3	<0.5	0.2		
539495	Drill Core	0.061	14	2	0.52	269	0.003	3	0.29	0.037	0.15	0.2	0.03	2.0	<0.1	0.59	3	<0.5	<0.2		
539496	Drill Core	0.056	14	2	0.69	248	0.004	3	0.31	0.040	0.18	0.2	0.02	2.3	<0.1	0.61	2	<0.5	<0.2		



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-168
 Report Date: August 26, 2010

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

SMI10000386.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	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	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
REP G1	QC		0.2	5.5	3.4	45	<0.1	3.2	4.0	559	1.76	0.6	2.0	<0.5	6.4	68	<0.1	<0.1	<0.1	33	0.51
539483	Drill Core	4.97	0.7	272.6	3.3	18	0.1	0.7	4.1	246	2.03	3.3	1.2	7.7	3.2	148	<0.1	0.4	<0.1	37	1.74
REP 539483	QC		0.7	275.8	3.4	18	0.1	0.8	4.0	248	2.07	3.4	1.4	7.8	3.4	153	<0.1	0.4	<0.1	37	1.76
Core Reject Duplicates																					
539478	Drill Core	3.41	3.7	808.2	11.7	33	0.6	1.3	9.2	375	2.13	106.6	5.7	22.7	4.2	183	0.4	39.0	0.2	22	2.06
DUP 539478	QC		3.4	789.7	11.3	31	0.6	1.4	8.6	365	2.03	100.5	5.1	20.8	3.9	174	0.4	38.2	0.2	21	2.05
Reference Materials																					
STD DS7	Standard		23.0	122.2	76.8	422	1.0	58.9	10.3	656	2.52	51.5	5.5	76.4	5.2	81	6.5	6.5	4.9	84	1.01
STD DS7	Standard		23.4	115.1	76.9	414	1.0	58.8	10.2	644	2.51	50.9	5.5	69.0	5.3	82	6.1	6.2	4.9	85	1.02
STD DS7	Standard		21.9	114.2	74.2	407	0.9	56.2	9.8	627	2.42	52.4	5.8	67.4	5.0	80	7.1	6.4	5.4	80	0.98
STD DS7	Standard		20.0	110.5	71.4	414	0.9	54.1	9.4	603	2.35	52.5	5.6	62.5	5.0	79	7.0	6.4	5.0	79	0.97
STD OXH66	Standard																				
STD OXK79	Standard																				
STD R4A	Standard																				
STD R4A	Standard																				
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
STD R4A Expected																					
STD OXH66 Expected																					
STD OXK79 Expected																					
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.2	3.4	4.2	48	<0.1	3.4	4.5	570	1.90	0.7	2.2	<0.5	5.8	76	<0.1	<0.1	0.1	36	0.63
G1	Prep Blank																				
G1	Prep Blank		0.2	6.8	3.5	46	<0.1	2.9	4.2	565	1.80	0.7	2.2	<0.5	6.8	68	<0.1	<0.1	<0.1	34	0.52

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Serengeti Resources**
 #500 - 602 West Hastings Street
 Vancouver BC V6B 1P2 Canada

Project: Kwanika-168
 Report Date: August 26, 2010

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

SMI10000386.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	7AR
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	%	
MDL	0.001	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	0.005	0.001	
Pulp Duplicates																					
REP G1	QC	0.075	12	9	0.53	179	0.138	<1	0.98	0.096	0.53	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2		
539483	Drill Core	0.059	11	3	0.25	285	0.003	3	0.36	0.054	0.13	0.2	<0.01	2.1	<0.1	0.21	2	<0.5	<0.2		
REP 539483	QC	0.062	11	3	0.26	296	0.003	4	0.38	0.055	0.14	0.3	0.01	2.1	<0.1	0.22	2	<0.5	<0.2		
Core Reject Duplicates																					
539478	Drill Core	0.059	9	1	0.27	116	<0.001	6	0.45	0.009	0.24	0.1	0.13	1.6	0.1	0.99	2	<0.5	<0.2		
DUP 539478	QC	0.058	8	1	0.26	130	<0.001	6	0.45	0.008	0.24	0.2	0.13	1.6	0.1	0.94	2	<0.5	<0.2		
Reference Materials																					
STD DS7	Standard	0.077	13	209	1.10	420	0.138	44	1.10	0.100	0.50	4.0	0.25	2.4	4.3	0.20	5	2.9	2.0		
STD DS7	Standard	0.078	14	209	1.10	420	0.140	42	1.11	0.100	0.51	3.8	0.25	2.4	4.2	0.20	5	3.4	1.5		
STD DS7	Standard	0.075	13	190	1.07	407	0.137	43	1.05	0.098	0.48	3.6	0.23	2.7	4.2	0.19	5	3.2	1.1		
STD DS7	Standard	0.075	14	188	1.05	395	0.133	38	1.03	0.094	0.47	3.6	0.21	2.6	3.9	0.19	5	2.9	0.9		
STD OXH66	Standard																			1.193	
STD OXK79	Standard																				3.381
STD R4A	Standard																				0.513
STD R4A	Standard																				0.519
STD DS7 Expected		0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08		
STD R4A Expected																					0.502
STD OXH66 Expected																					1.285
STD OXK79 Expected																					3.532
BLK	Blank	<0.001	<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	<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																				<0.005
BLK	Blank																				<0.005
Prep Wash																					
G1	Prep Blank	0.076	12	12	0.55	199	0.150	1	1.17	0.144	0.56	<0.1	<0.01	2.9	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank																				
G1	Prep Blank	0.078	13	10	0.54	187	0.142	<1	1.00	0.097	0.52	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2		

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.