SERENGETI
RESOURCES INC.

Geochemical Assessment Report on the Germansen Property

Located in the Omineca Mining Division
NTS 93N 055

Reporting Period: January 1st, 2009 to December 31st, 2009
Prepared October 2010

Prepared By: Hugh Samson

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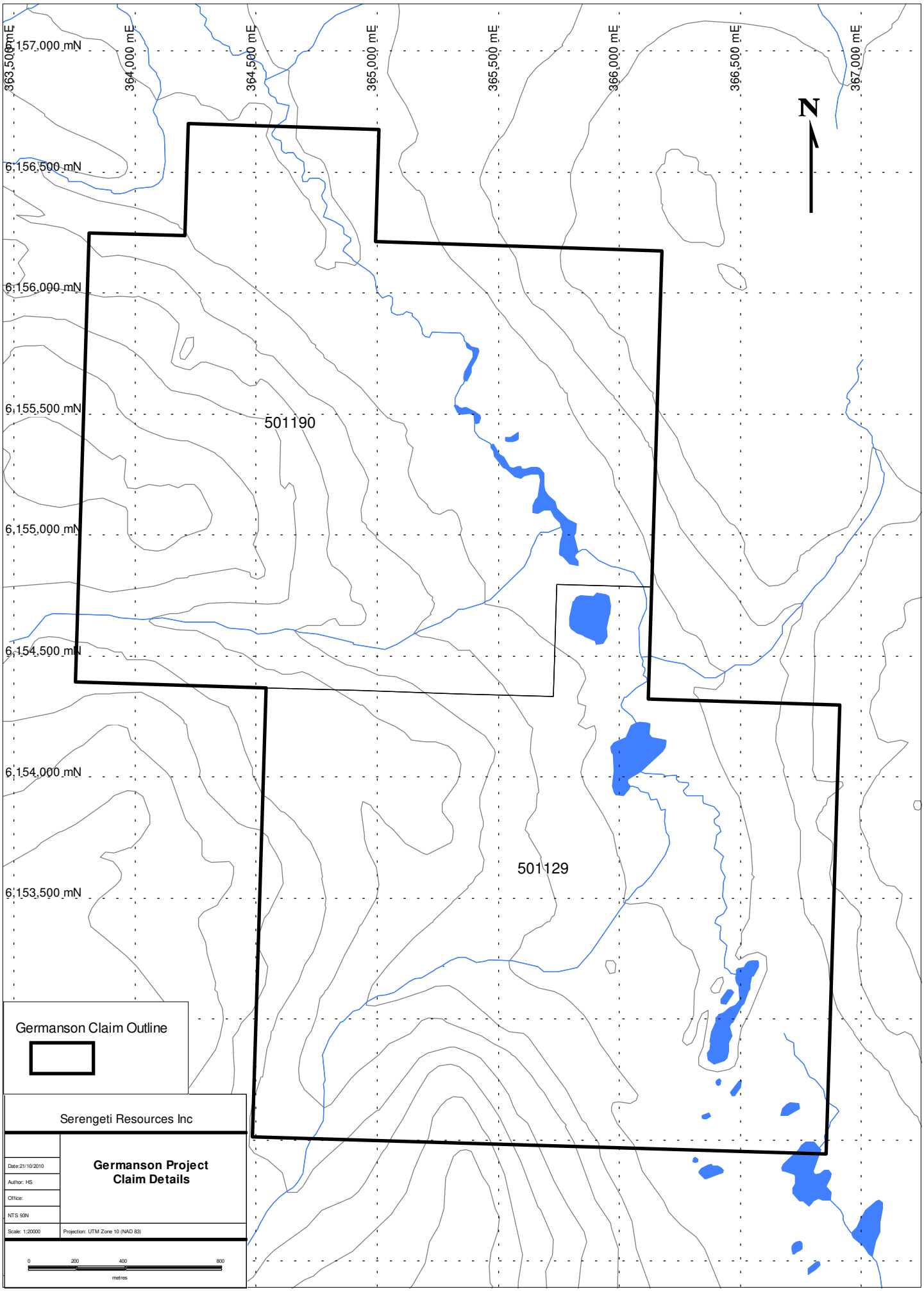
(1) Introduction and Terms of Reference

Serengeti Resources Inc. (Serengeti) acquired the Germansen claims by staking in January of 2005. The property lies in the prospective Quesnel Trough, 75 km northwest of the Mt. Milligan deposit and 15 km east of the Kwanika deposit. In order to identify Cu+/-Au porphyry targets on the property, Serengeti financed a $11,729.72 geochemical reconnaissance program (Appendix A). On August 1st, 2009, a field crew working for Serengeti visited the Germansen property and collected 69 MMI soil samples.

(2) Property Description and Location

The Germansen property is 100% owned by Serengeti Resources Inc. It is located in the Omineca Mining Division of north-central British Columbia, Canada, 135 km NNW of Fort St James, at 55° 31' north latitude and 125° 8' west longitude (Figure 1). The 2 contiguous mineral claims which comprise the Germansen property cover an area of 916 hectares (Figure 2). Additional information regarding the individual claims can be referenced in Table 1.

Figure 1
Property Location Map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N
501190
501129
Germanson Claim Outline
Serengeti Resources Inc
Germanson Project
Claim Details
Date:21/10/2010
Author: HS
Office:
NTS 93N
Scale: 1:20000
Projection: UTM Zone 10 (NAD 83)
0
200
400
800
metres

Table 1 - Germansen Claim Details

Project	*Tenure #*	*Claim Name*	*Hectares*	*Expiry Date*	*Annual Fees Due*	*NTS*	*Record Date*	*Mining Division*	*Cells*
GERMANSEN	501129	GER	458.017	12-Jan-13	$183.21	093N055	12-Jan-05	OMENICA	25
GERMANSEN	501190	GER 1	457.871	12-Jan-13	$183.15	093N055	12-Jan-05	OMENICA	25
2 claims			**915.888**						

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

The property is located approximately 80 km northwest of the Mt. Milligan deposit, owned by Terrane Metals and 15 km east of Serengeti's Kwanika deposit. Access to the Germansen property can be obtained via helicopter from Fort St James (135 km to the south) or from Kwanika Camp.

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

(4) History

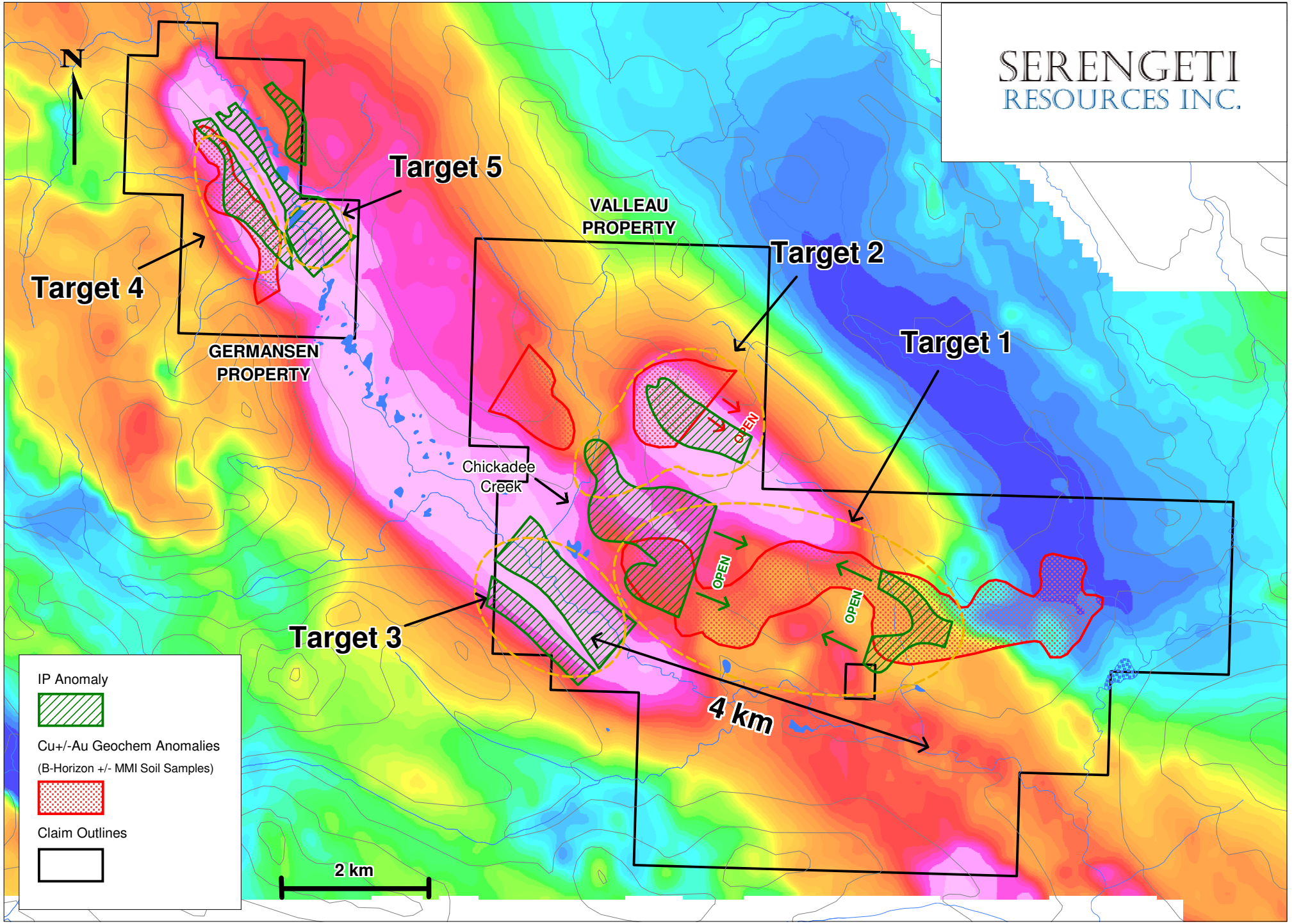
Mineral exploration in the Omineca district began with placer gold prospecting as far back as 1869 and with copper exploration commencing in 1969. The first recorded exploration work in the area of the Germansen property was in 1972 when Noranda Exploration completed soil sampling and an induced polarization survey, presumably following up stream sediment anomalies (assessment reports 3856 and 3857). The Noranda work outlined a +3,500 m by +500 m copper soil anomaly, in part coincident with an IP chargeability anomaly, in a covered area.

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

Serengeti acquired the Germansen property by staking in January of 2005. At this time, Serengeti also acquired the Valleau property, located 2 km to the southeast. The two properties occur along a pronounced northwest trending, regional magnetic and stream geochemical anomaly. In 2005, Serengeti in conjunction with the GSC conducted some 530 line kilometres of heliborne magnetic and radiometric surveying, followed by the collection of 12 rock samples. In 2008, Serengeti financed a 6 line (10.6 line-km) IP and ground magentic survey. The survey utilized 50 m spaced dipoles and identified three separate northwest trending chargeability +/- resistivity anomalies (see AR29852).

The results of all previous work on the Germansen property has identified two primary targets (Figure 3 – compilation map of targets on the Germansen-Valleau trend). The first Target (Target 4) is a +3,800 m by +600 m zone with copper soil anomalies. Copper values are typically

Germansen-Valleau Project - Target Areas on Airborne Magnetics



in the 200 ppm to 1,000 ppm range but with a notable number of samples in the 2,000 ppm to 3,000 ppm range. Gold data are only available about one third of the grid, and show anomalous values, mostly in the range of 16 ppb to 120 ppb. These copper and gold anomalies are similar to the anomalies over the shallow till covered Mt. Milligan deposit (ie. 100 ppm to 300 ppm for copper and 20 ppb to 90 ppb for gold). The second target (Target 5) is defined by an IP anomaly measuring 1,000 m by 900 m occurring in the valley bottom to the east of Target 1. Low lying wet ground has hampered the effectiveness of past geochemical surveys in this attractive geophysical target area. Little to no outcrop exists in either of target areas as they are mainly covered by glacial till, with the exception of a small outcrop of propylitically altered diorite with pyrite and trace malachite which runs 530 ppm Cu on the northwestern edge of the largest and strongest copper soil anomaly.

(5) Geology

Regional Geology

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

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

Property Geology

A northwest-southeast trending valley occupies the eastern portion of the Germansen property, with a low energy stream flowing north. Outcrop is very limited throughout the property, less than 1 per cent overall. Adjacent to the valley and extending east a few hundred metres are a series of parallel glacial features including eskers, drumlins and hillocks. The glacial deposits predominantly consist of intrusive rocks – granite, quartz monzonite and diorite. On the east portion of the property there are locally abundant, angular blocks of granite but no actual outcrop.

On the west side of the valley the area is mainly flat or hummocky ground for several hundred metres before steepening to a moderate slope. Minor outcrops of gabbro, diorite and possibly andesite are exposed on this hillside. These rocks are generally weakly to moderately magnetic which correlates somewhat with the magnetic signature. An east flowing creek cuts the western part of the property and locally exposes hornblende porphyry intrusive rock.

(6) Sample Collection Methodology

In order to test for the geochemical signature of a covered mineral deposit, a total of 69 mobile metal ion (MMI) soil samples were collected from the Germansen property. Samples were collected at 100 m spaced intervals along the measured and staked line that was used for the 2008 geophysical Induced Polarization (IP) survey.

MMI Sample Collection

MMI samples were collected by geologists and field technicians in accordance with guidelines for MMI sampling set out by SGS Laboratories. The procedure was as follows: Prior to collecting the MMI samples, sampling equipment was brushed to eliminate residue from previous samples and was flushed with soils from the new sample area. Extensive organic horizon (O or Ao) was scraped away and loose non-decomposed matter, debris, and any possible cultural contamination was eliminated. The leaf litter and organic material that still has structure (i.e. decomposing leaves, bark, twigs and peat) was then penetrated. Once through to a true A-horizon (where the soil resembles a decomposed mass without any obvious leaf or vegetation visible), the top 10cm of this A-horizon material was discarded. The sample was then collected between the 10 to 25 cm interval below this horizon. A plastic trowel was used take a cross section of the material between the 10 to 25 cm depth interval. The sample material was put into clean, properly labeled plastic bags. Approximately 300 to 500 grams of material was collected. Samplers ensured not to mix organic and inorganic soils in the collected sample. In the event of encountering greater than 25 cm of organics, no sample was collected. The soil type, topography and moisture content of soil was recorded for future interpretation. During sample collection and handling, no jewellery (watches, rings, bracelets, and chains) were worn so as to avoid potential contamination. Analytical analysis of the MMI samples was confined to Cu, Au, Mo, Ag, Zn, Pb, Cd, and As as these elements are most commonly associated with Cu $\pm$ Au$\pm$Mo deposits and/or define their peripheral signature.

Sample Shipment and Analysis

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

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

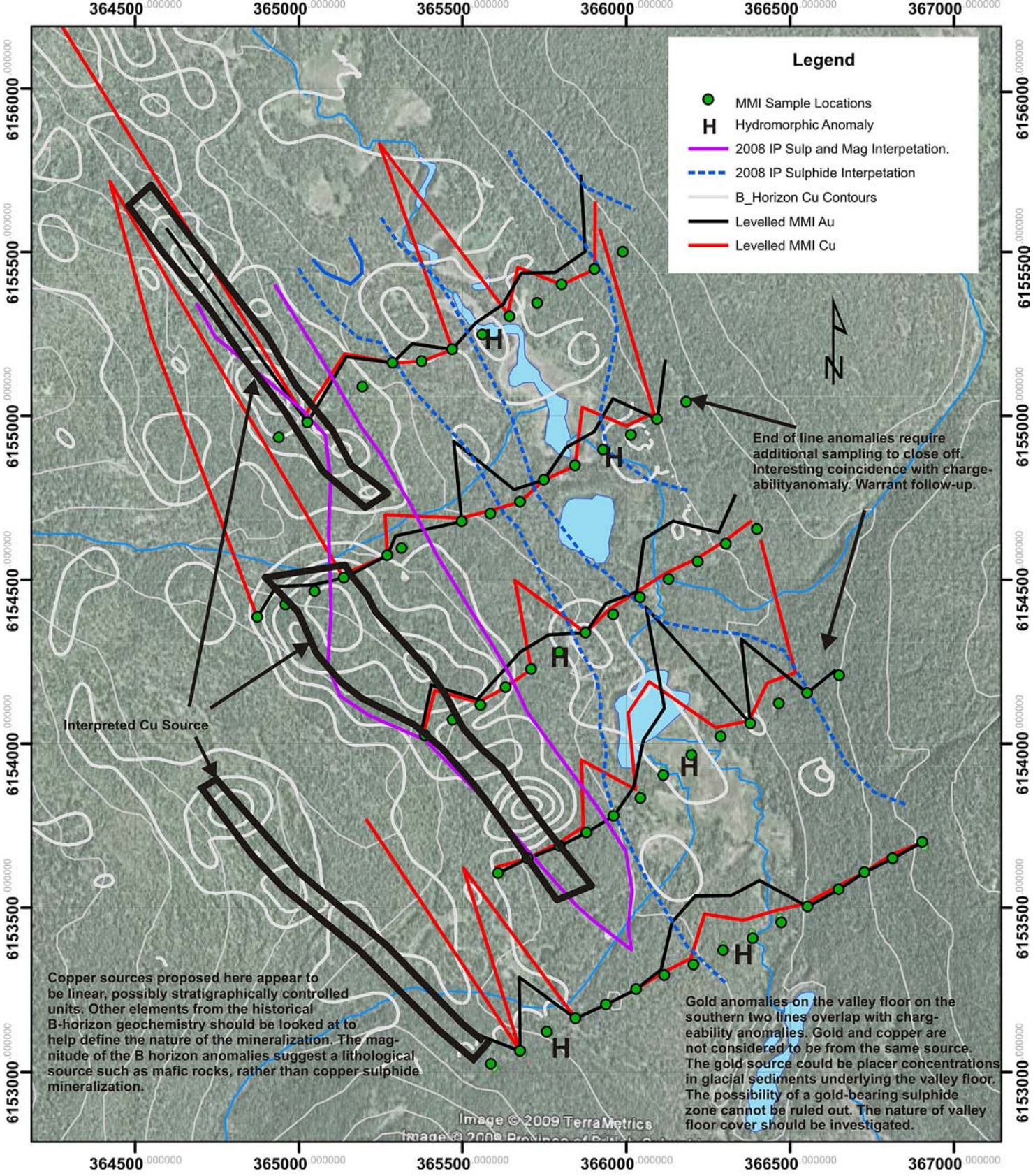
(7) Results

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

Results from the levelled MMI results at Germansen are shown in Figure 4. Despite the levelling, copper still shows considerable enrichment in the valley floor and break in slope environments. Interpreted hydromorphic anomalies considered to have undergone lateral transport from their sources are annotated with the letter 'H'. These are considered to be false anomalies are therefore are not of direct interest as targets. Several features along the western margin of the grid are interpreted to have bedrock sources. Unfortunately the lines stop short of fully delineating them. They occur as high contrast peaks or double peaks at the western ends of the northern two and southernmost line. These features coincide with copper anomalies defined by historical B-horizon aqua regia soil results, as shown by the thick grey contours. Three linear zones (thick black lines) are identified as potential sources for the MMI and B-horizon copper. Their form suggests a stratigraphic source for the copper, such as a mafic volcanic or mafic intrusive unit. Copper anomalies have a relatively good correlation with a sulphide and magnetite anomaly (magenta line) interpreted from IP and magnetic data. Despite this, they are not considered to be strong targets but are very likely the source for the hydromorphic anomalies in the valley floor.

Similar peaks occur on the eastern ends of two of the lines. Again, the lines stop short of fully delineating the features. Anomalous chargeability and B-horizon Cu anomalies in those areas suggest similar features to those discussed above.

Gold shows quite a different pattern to copper. With the exception the western sample on Line 500N, which is coincident with the Cu anomaly, there is little correlation elsewhere. Highest gold response ratios occur in the valley floor on the southern most lines, with maximum contrast occurring on line -1000N. Elevated gold occurs within a broad chargeability anomaly and has the form of an apical response. Care must be taken when interpreting these features as targets because the valley floor is most probably underlain by glacial sediments, which can have high gold contents as a result of placering. MMI is a weak leach but in other studies it has proven strong enough to dissolve particulate gold. Further investigation of the bedrock geology and Quaternary cover in this area is recommended before concluding that there are gold targets of merit.



0 500 1,000 Meters

Germansen Property

Geochemical Interpretation

Dave Heberlein, October 19th, 2009

(8) Summary and Recommendations

The 2009 MMI sampling program identified two geochemical anomalies that warrant follow up. The first anomaly is the line-end Cu in MMI anomaly occurring on the eastern portion of the property. The second anomaly is the valley bottom Au in MMI anomaly that is interpreted to have a possible sulfide source and is co-incident with a broad chargeability anomaly. In conjunction with the previously identified government RGS, B-Horizon geochemical, and geophysical anomalies (magnetics + IP), the Germansen property represents an attractive early stage target that warrants further investigation. Therefore, it is recommended that:

i) MMI soil lines be extended to by several hundred meters on to the east in order to better define the eastern Cu in MMI trend.

ii) A different geochemical method should be employed in order better understand the valley bottom Au in MMI anomaly that is likely overlying glacial sediments. An example of such a method is Ah sampling, which was proven to be highly successful in identifying the Kwanika porphyry deposit located in a similar geochemical environment (thin to moderate glacial sediments, assumed similar soil composition) 15 km to the west.

iii) Wide-spaced drill testing should be employed to follow-up the numerous geochemical and geophysical targets on the property.

Appendix A – Expenditure Statement

Germansen Property - 2009 Geochemical Survey Cost Statement

Crew Costs:		
Helicopter	flight time	$ 1,534.40
Sample shipment		$ 45.00
Field Geologist	2 days	$ 1,055.75
Sampler 1-4 and gear	3 days @$250/day	$ 3,000.00
Room and board		$ 715.50
Analysis:		
MMI Analysis	69 Samples	$ 3,142.96
Project Planning:		
Sr. Geologist	(Salary portion)	$ 546.81
Project Geologist	(Salary portion)	$ 314.30
Reporting:		
Assessment Report	2 days@ $350/day	$ 700.00
MMI Interpretation	1 day @$675/day	$ 675.00
		Total
		$ 11,729.72

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 Project Geologist.

2. THAT I am a 2005 graduate of Dalhousie University with an Honours BSc.

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

4. THAT this report is based on fieldwork carried out on August 1st, 2009, by geological staff and personnel on behalf of Serengeti Resources Inc

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

DATED at Vancouver, British Columbia this 12th day of October, 2010.

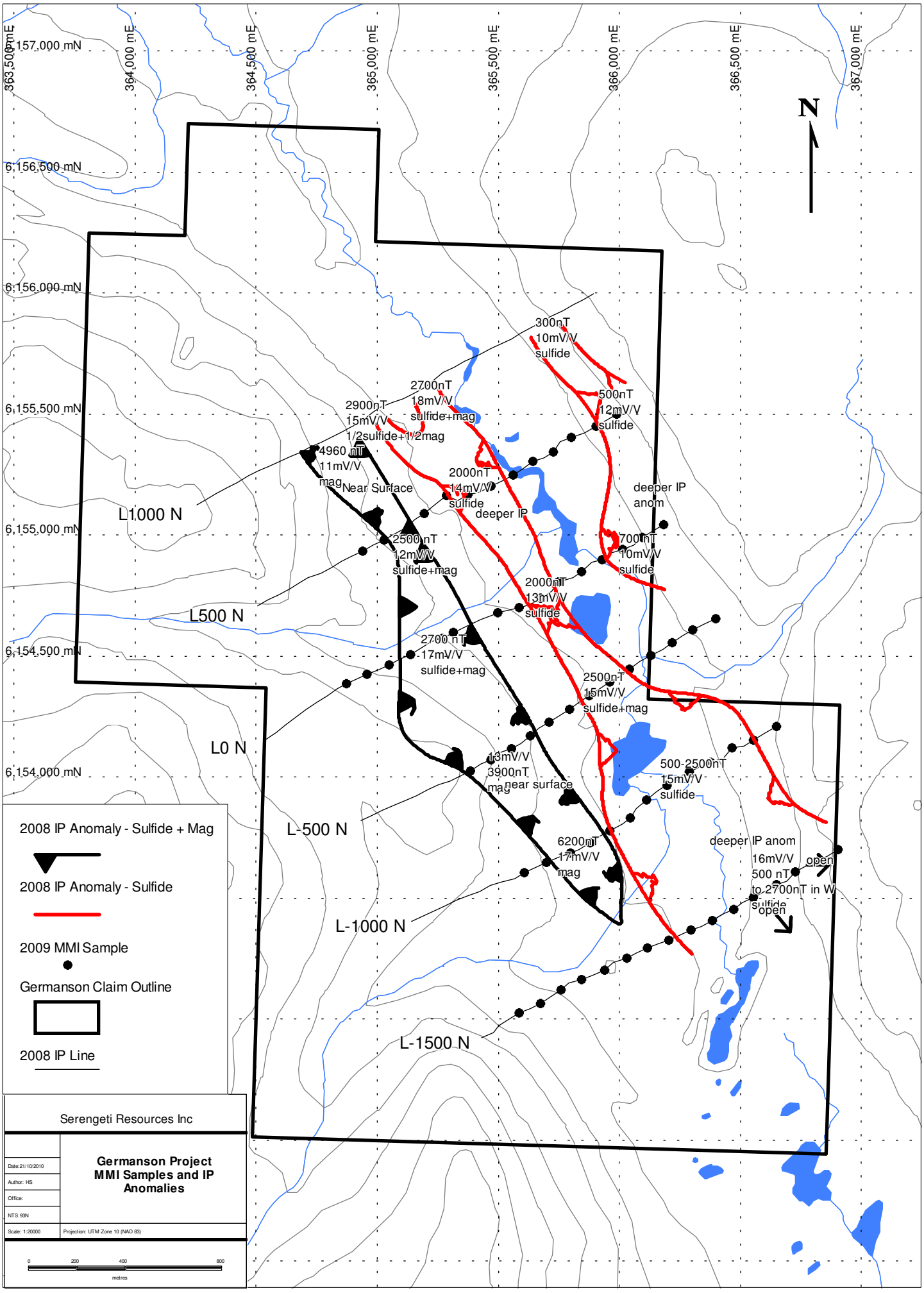
Hugh R. Samson, BSc

David W. Moore, P. Geo

Appendix C – Maps of Sample Locations and Results

Property	Easting	Northing	Sample ID	Ag (ppb)	As (ppb)	Au (ppb)	Cd (ppb)	Cu (ppb)	Mo (ppb)	Pb (ppb)	Zn (ppb)	Date
Germanson	365587	6153024	L1500S- 9500E	43	5	0.3	29	14100	2.5	5	180	Aug-09
Germanson	365676	6153063	L1500S- 9600E	2	5	0.05	12	190	2.5	5	290	Aug-09
Germanson	365758	6153122	L1500S- 9700E	30	5	0.5	22	9450	10	5	10	Aug-09
Germanson	365845	6153162	L1500S- 9800E	7	5	0.1	4	100	2.5	10	570	Aug-09
Germanson	365938	6153204	L1500S- 9900E	16	5	0.05	11	190	7	80	900	Aug-09
Germanson	366030	6153251	L1500S-10000E	45	5	0.05	8	200	7	80	2260	Aug-09
Germanson	366116	6153293	L1500S-10100E	20	5	0.1	8	360	2.5	70	270	Aug-09
Germanson	366206	6153326	L1500S-10200E	49	5	0.4	7	470	2.5	120	180	Aug-09
Germanson	366295	6153369	L1500S-10300E	70	5	0.5	11	2160	10	110	40	Aug-09
Germanson	366386	6153406	L1500S-10400E	42	5	1.6	9	2550	6	70	100	Aug-09
Germanson	366473	6153454	L1500S-10500E	33	5	1.7	8	1780	6	50	110	Aug-09
Germanson	366554	6153503	L1500S-10600E	3	5	0.1	9	460	2.5	40	300	Aug-09
Germanson	366648	6153555	L1500S-10700E	4	5	0.05	16	400	10	160	410	Aug-09
Germanson	366727	6153608	L1500S-10800E	14	5	0.05	4	150	7	60	50	Aug-09
Germanson	366813	6153650	L1500S-10900E	15	5	0.05	16	270	6	60	920	Aug-09
Germanson	366904	6153699	L1500S-11000E	5	5	0.05	6	180	2.5	110	110	Aug-09
Germanson	365609	6153604	L1000S- 9800E	9	5	0.05	15	350	2.5	10	820	Aug-09
Germanson	365699	6153649	L1000S- 9900E	5	5	0.05	6	70	2.5	5	70	Aug-09
Germanson	365797	6153687	L1000S-10000E	8	5	0.05	21	250	2.5	30	1010	Aug-09
Germanson	365879	6153728	L1000S-10100E	12	5	0.05	16	420	2.5	10	210	Aug-09
Germanson	365962	6153779	L1000S-10200E	2	5	0.05	44	4340	2.5	40	60	Aug-09
Germanson	366044	6153833	L1000S-10300E	13	5	0.7	40	950	2.5	150	6050	Aug-09
Germanson	366114	6153904	L1000S-10400E	6	5	1.4	43	7370	2.5	120	510	Aug-09
Germanson	366199	6153965	L1000S-10500E	11	5	1.9	2	8980	10	20	40	Aug-09
Germanson	366288	6154022	L1000S-10600E	16	5	1.7	6	590	2.5	200	230	Aug-09
Germanson	366379	6154061	L1000S-10700E	34	5	0.1	12	280	12	80	160	Aug-09
Germanson	366466	6154122	L1000S-10800E	52	5	0.9	4	1630	10	5	10	Aug-09
Germanson	366553	6154154	L1000S-10900E	13	5	0.05	31	1130	13	730	170	Aug-09
Germanson	366650	6154208	L1000S-11000E	21	5	0.1	33	7910	2.5	70	10	Aug-09
Germanson	365386	6154024	L500S- 9800E	6	5	0.05	28	430	11	40	450	Aug-09
Germanson	365470	6154073	L500S- 9900E	13	5	0.3	11	1870	8	5	50	Aug-09
Germanson	365555	6154118	L500S-10000E	8	5	0.05	11	410	10	140	1270	Aug-09
Germanson	365632	6154172	L500S-10100E	8	5	0.1	10	240	2.5	50	400	Aug-09
Germanson	365709	6154227	L500S-10200E	11	5	0.2	8	250	2.5	10	270	Aug-09
Germanson	365796	6154279	L500S-10300E	54	5	0.7	16	9260	8	40	10	Aug-09
Germanson	365876	6154338	L500S-10400E	6	5	0.05	34	270	2.5	40	170	Aug-09

Property	Easting	Northing	Sample ID	Ag (ppb)	As (ppb)	Au (ppb)	Cd (ppb)	Cu (ppb)	Mo (ppb)	Pb (ppb)	Zn (ppb)	Date
Germanson	365960	6154393	L500S-10500E	23	5	0.2	8	330	2.5	90	920	Aug-09
Germanson	366042	6154446	L500S-10600E	56	5	0.3	10	990	11	270	840	Aug-09
Germanson	366130	6154501	L500S-10700E	15	5	0.5	30	730	2.5	230	1690	Aug-09
Germanson	366219	6154556	L500S-10800E	19	10	0.5	9	410	12	320	340	Aug-09
Germanson	366305	6154609	L500S-10900E	24	5	0.1	12	350	16	240	200	Aug-09
Germanson	366400	6154655	L500S-11000E	27	5	0.3	11	670	10	250	780	Aug-09
Germanson	364874	6154386	L0- 9500E	6	5	0.05	16	290	2.5	5	260	Aug-09
Germanson	364959	6154424	L0- 9600E	34	5	0.2	23	15400	2.5	5	30	Aug-09
Germanson	365049	6154465	L0- 9700E	16	5	0.1	47	23400	2.5	70	170	Aug-09
Germanson	365137	6154506	L0- 9800E	8	5	0.05	18	290	2.5	20	170	Aug-09
Germanson	365269.9	6154575	L0-9950E	8	5	0.05	5	160	2.5	5	350	Aug-09
Germanson	365314.4	6154596	L0-10000E	13	5	0.2	18	2800	2.5	20	80	Aug-09
Germanson	365497.1	6154678	L0-10200E	47	5	0.05	6	420	2.5	5	430	Aug-09
Germanson	365585	6154701	L0-10300E	12	10	1	9	510	5	50	450	Aug-09
Germanson	365676.1	6154738	L0-10400E	16	5	0.2	4	300	2.5	10	140	Aug-09
Germanson	365749	6154805	L0-10500E	13	5	0.3	6	330	6	90	100	Aug-09
Germanson	365843	6154848	L0-10600E	52	10	0.8	5	430	8	150	210	Aug-09
Germanson	365930	6154897	L0-10700E	28	5	0.8	22	5240	8	90	30	Aug-09
Germanson	366014	6154942	L0-10800E	20	10	0.5	18	890	26	170	60	Aug-09
Germanson	366094	6154990	L0-10900E	20	5	0.05	9	640	9	330	140	Aug-09
Germanson	366184	6155042	L0-11000E	47	5	0.4	23	9970	10	100	90	Aug-09
Germanson	364939	6154935	L500N-9800E	18	5	1.8	20	26500	9	20	30	Aug-09
Germanson	365027	6154980	L500N-9900E	5	5	0.05	15	540	8	90	480	Aug-09
Germanson	365194	6155090	L500N-10100E	3	5	0.3	10	2080	2.5	50	580	Aug-09
Germanson	365287	6155162	L500N-10200E	4	5	0.1	3	280	2.5	60	200	Aug-09
Germanson	365375	6155166	L500N-10300E	9	5	0.3	3	220	6	50	140	Aug-09
Germanson	365469	6155203	L500N-10400E	21	5	0.2	6	390	6	30	280	Aug-09
Germanson	365560	6155248	L500N-10500E	1	5	0.3	16	6450	103	290	30	Aug-09
Germanson	365643	6155304	L500N-10600E	20	40	0.6	8	710	19	80	90	Aug-09
Germanson	365728	6155345	L500N-10700E	15	5	1.2	18	4480	13	40	100	Aug-09
Germanson	365802	6155402	L500N-10800E	9	5	0.2	9	120	9	100	520	Aug-09
Germanson	365904	6155448	L500N-10900E	28	5	0.2	7	170	16	190	260	Aug-09
Germanson	365989	6155500	L500N-11000E	132	5	0.7	36	3070	2.5	70	30	Aug-09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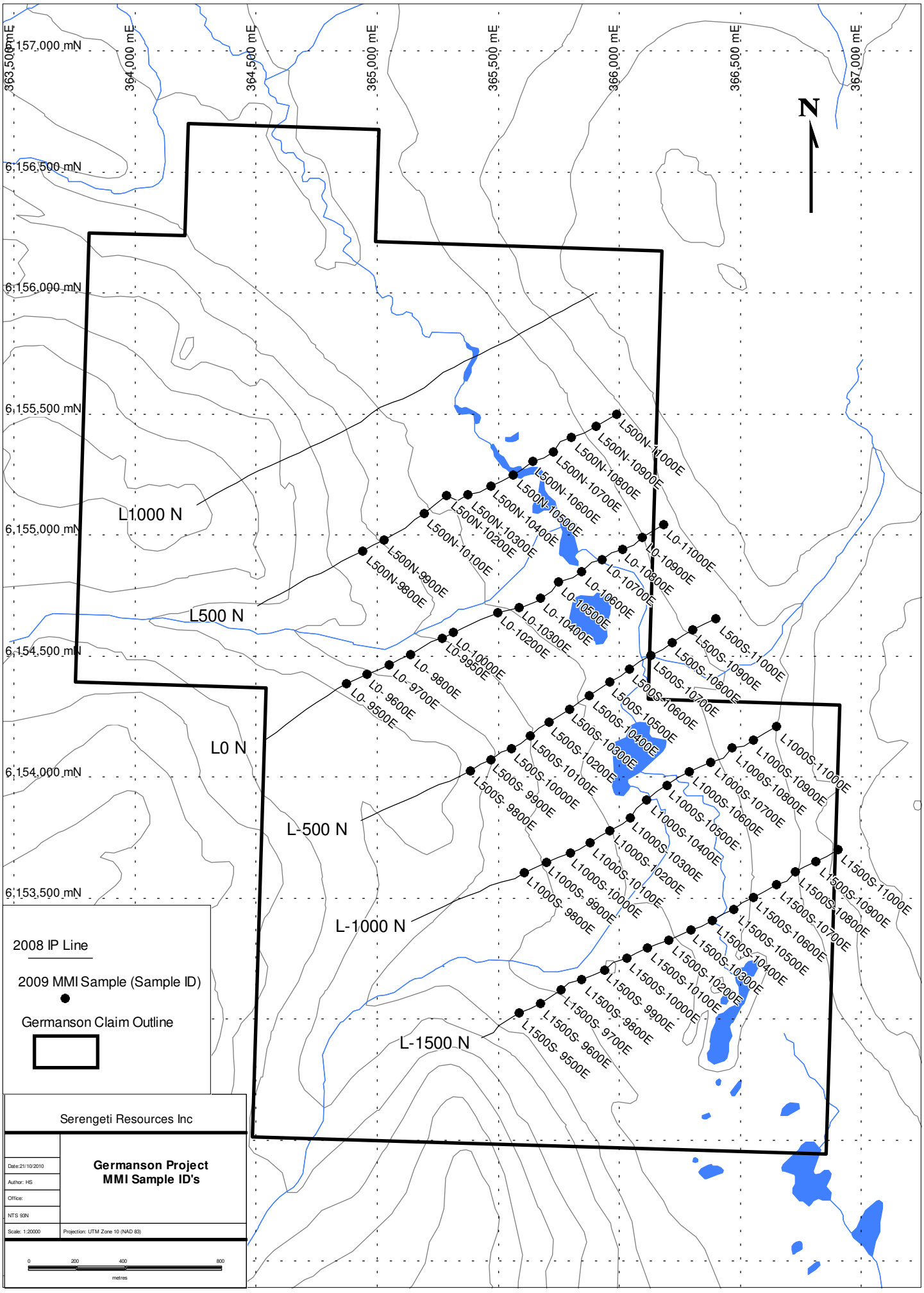
sulfide+mag
2500nT
15mV/V
sulfide+mag
13mV/V
3900nT
mag
near surface
500-2500nT
15mV/V
sulfide
6200nT
17mV/V
mag
deeper IP anom
16mV/V
open
500 nT
to 2700nT in W
sulfide
open
2008 IP Anomaly - Sulfide + Mag
2008 IP Anomaly - Sulfide
2009 MMI Sample
Germanson Claim Outline
2008 IP Line
Serengeti Resources Inc
Germanson Project
MMI Samples and IP
Anomalies
Date:21/10/2010
Author: HS
Office:
NTS 93N
Scale: 1:20000
Projection: UTM Zone 10 (NAD 83)
0
200
400
800
metres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L0 N
L-500 N
L-1000 N
L-1500 N
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L500N-10900E
L500N-10800E
L500N-10700E
L500N-10600E
L500N-10500E
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L1000S-10900E
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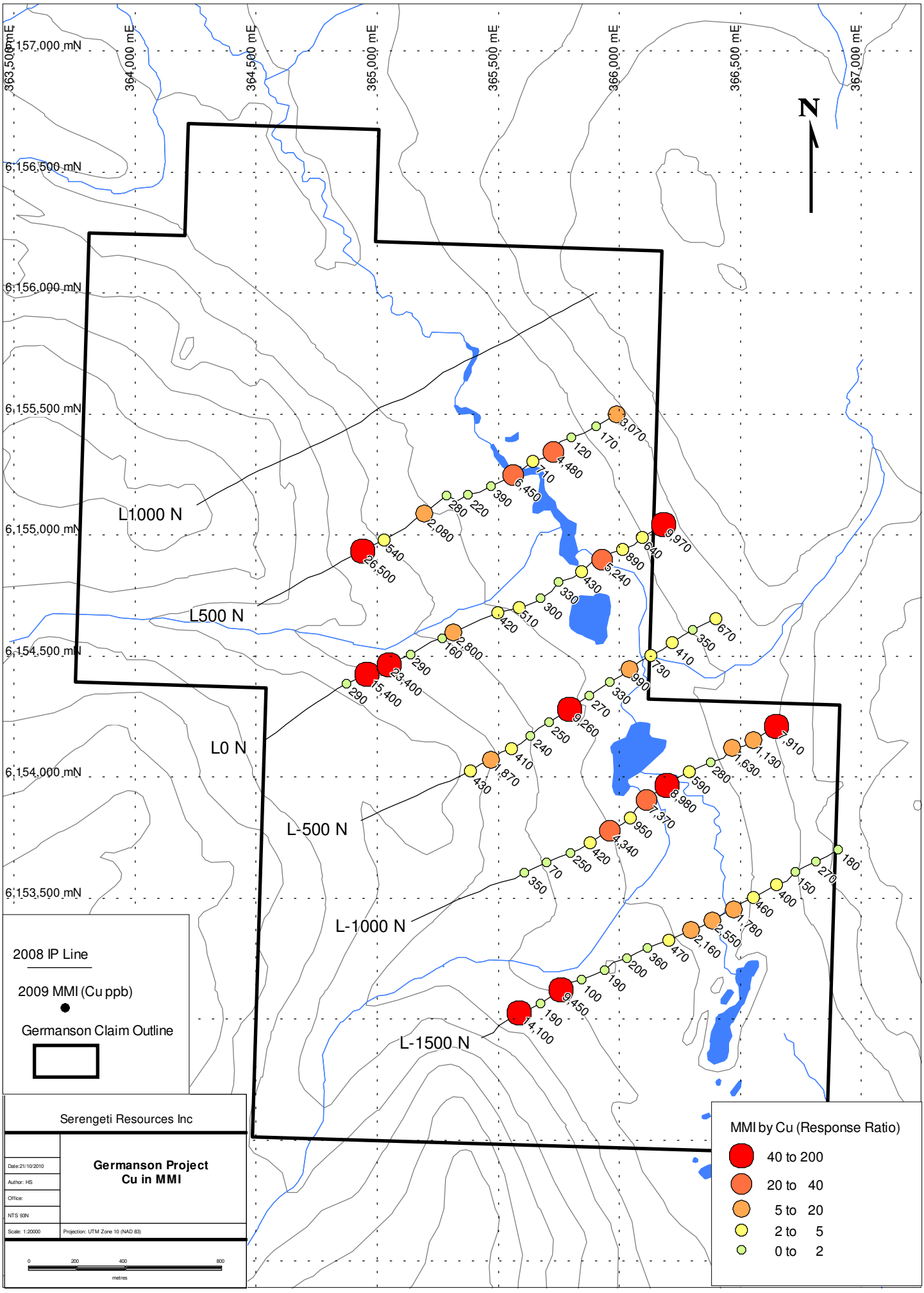
L1500S- 9700E
L1500S- 9600E
L1500S- 9500E
2008 IP Line
2009 MMI Sample (Sample ID)
Germanson Claim Outline
Serengeti Resources Inc
Germanson Project
MMI Sample ID's
Date:21/10/2010
Author: HS
Office:
NTS 93N
Scale: 1:20000
Projection: UTM Zone 10 (NAD 83)
0
200
400
800
metres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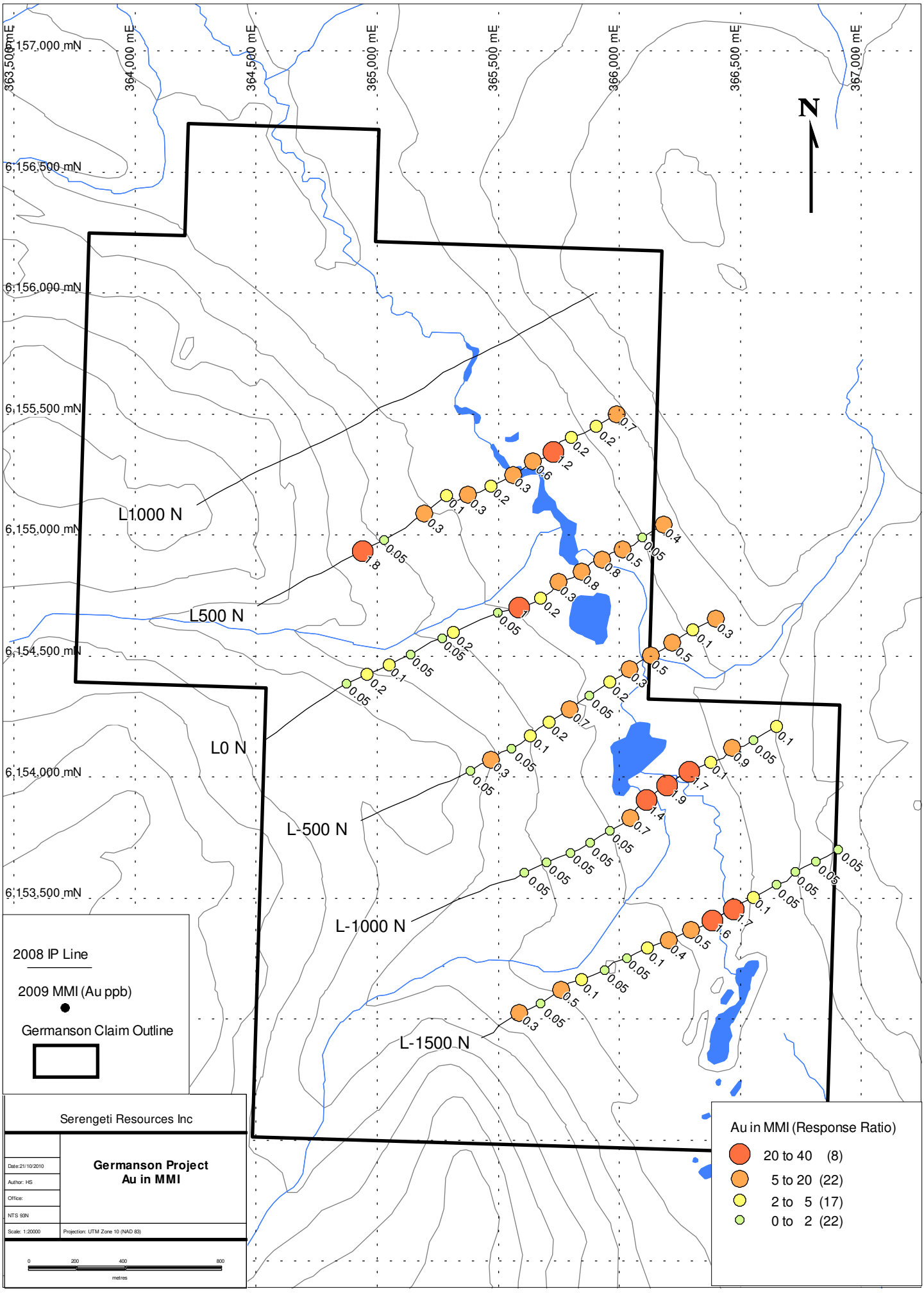
6,154,000 mN
6,153,500 mN
N
L1000 N
L500 N
L0 N
L-500 N
L-1000 N
L-1500 N
3,070
170
120
4,480
710
6,450
390
280
220
2,080
540
26,500
9,970
640
890
5,240
430
330
300
510
420
2,800
160
290
23,400
15,400
290
670
350
410
730
990
330
270
9,260
250
240
410
1,870
430
7,910
1,130
1,630
280
590
8,980
7,370
950
4,340
420
250
70
350
180
270
150
400
460
1,780
2,550
2,160
470
360
200
190
100
9,450
190
14,100
2008 IP Line
2009 MMI (Cu ppb)
Germanson Claim Outline
Serengeti Resources Inc
Germanson Project
Cu in MMI
Date:21/10/2010
Author: HS
Office:
NTS 93N
Scale: 1:20000
Projection: UTM Zone 10 (NAD 83)
0
200
400
800
metres
MMI by Cu (Response Ratio)
40 to 200
20 to 40
5 to 20
2 to 5
0 to 2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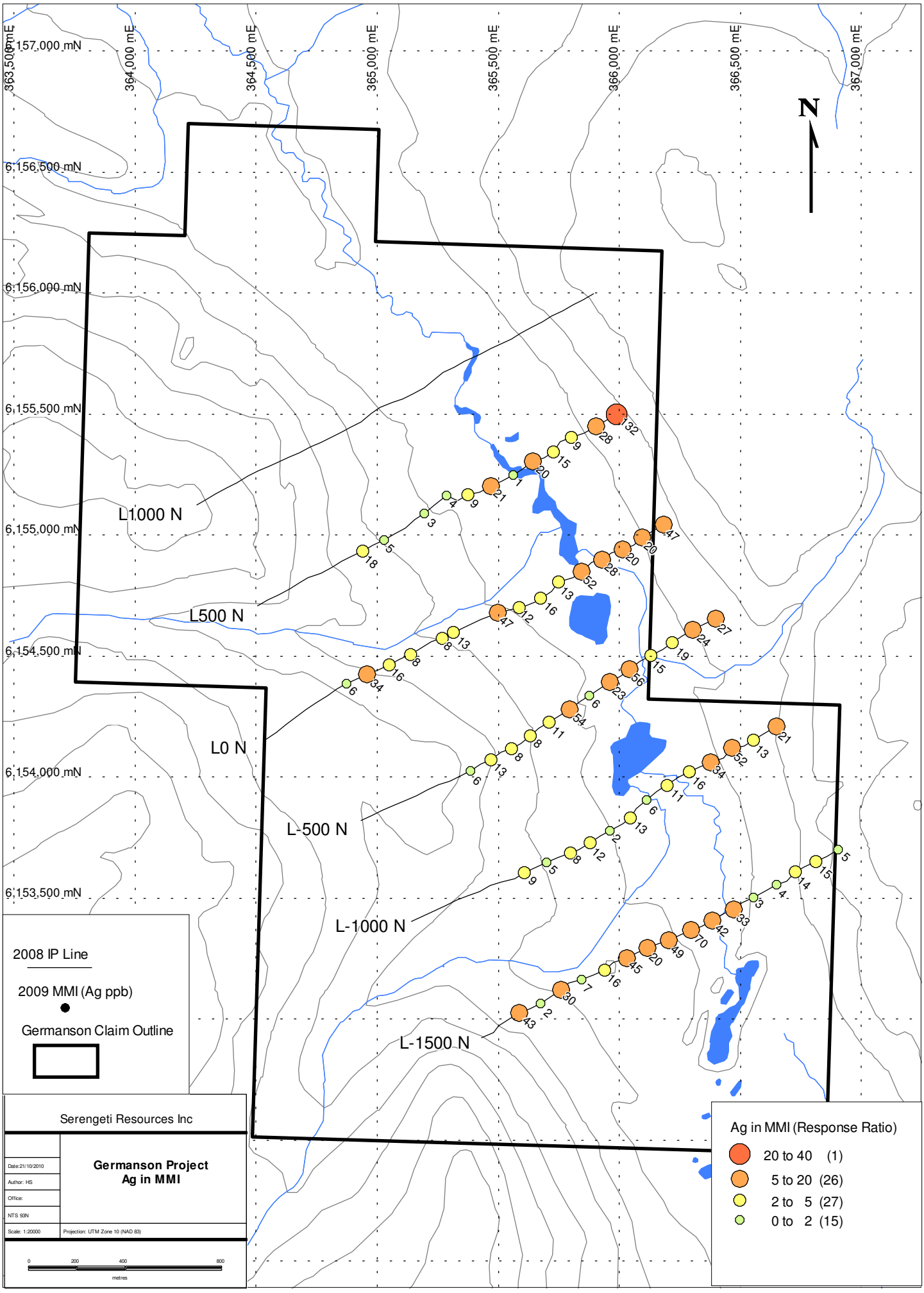
L1000 N
L500 N
L0 N
L-500 N
L-1000 N
L-1500 N
2008 IP Line
2009 MMI (Au ppb)
Germanson Claim Outline
Serengeti Resources Inc
Germanson Project
Au in MMI
Date:21/10/2010
Author: HS
Office:
NTS 93N
Scale: 1:20000
Projection: UTM Zone 10 (NAD 83)
0 200 400 800
metres
Au in MMI (Response Ratio)
20 to 40 (8)
5 to 20 (22)
2 to 5 (17)
0 to 2 (22)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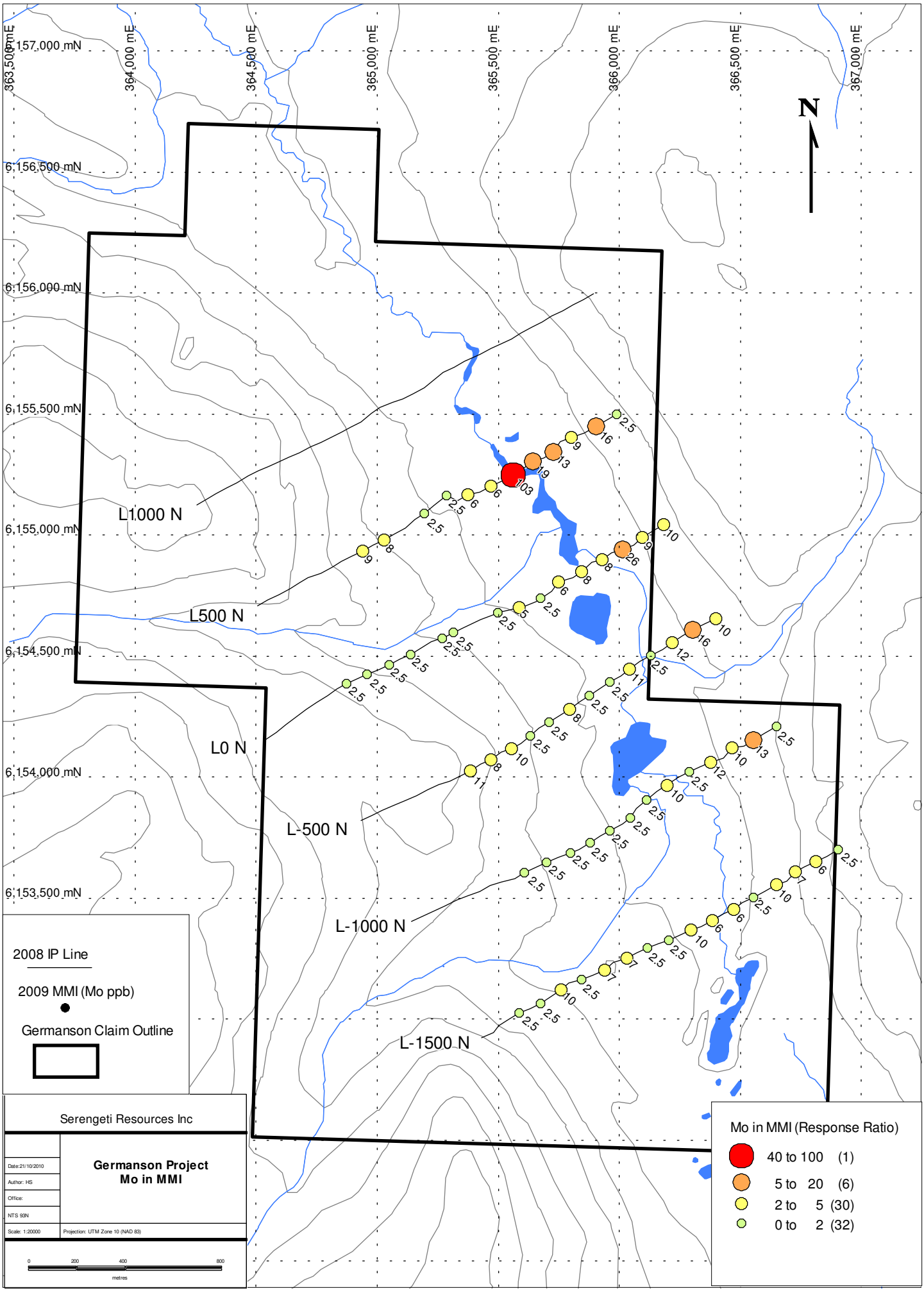
L1000 N
L500 N
L0 N
L-500 N
L-1000 N
L-1500 N
2008 IP Line
2009 MMI (Ag ppb)
Germanson Claim Outline
Serengeti Resources Inc
Germanson Project
Ag in MMI
Date:21/10/2010
Author: HS
Office:
NTS 93N
Scale: 1:20000
Projection: UTM Zone 10 (NAD 83)
0 200 400 800
metres
Ag in MMI (Response Ratio)
20 to 40 (1)
5 to 20 (26)
2 to 5 (27)
0 to 2 (15)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N
L1000 N
L500 N
L0 N
L-500 N
L-1000 N
L-1500 N
2008 IP Line
2009 MMI (Mo ppb)
Germanson Claim Outline
Serengeti Resources Inc
Germanson Project
Mo in MMI
Date:21/10/2010
Author: HS
Office:
NTS 93N
Scale: 1:20000
Projection: UTM Zone 10 (NAD 83)
0
200
400
800
metres
Mo in MMI (Response Ratio)
40 to 100 (1)
5 to 20 (6)
2 to 5 (30)
0 to 2 (32)

Appendix D – Analytical Procedures and Procedures

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

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

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

2. Typical sample size:

50 g

3. Type of sample applicable (media):

Soils

4. Sample preparation technique used:

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

5. Method of analysis used:

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

6. Data reduction by:

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

7. Figures of Merit:

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

8. Quality control:

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

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

Certificate of Analysis

Work Order: TO107238

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

Date: Sep 24, 2009

P.O. No.	:	Project: Gillis
Project No.	:	-
No. Of Samples	:	69
Date Submitted	:	Aug 21, 2009
Report Comprises	:	Pages 1 to 3 (Inclusive of Cover Sheet)

Distribution of unused material:
Discard after 90 days: 69 Soils

Certified By :

Gavin McGill
Operations Manager

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

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

Element	Ag	As	Au	Cd	Cu	Mo	Pb	Zn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	1	10	5	10	20
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
L1500S- 9500E	43	<10	0.3	29	14100	<5	<10	180
*Rep L1500S- 9500E	42	<10	0.3	24	14100	<5	<10	180
L1500S- 9600E	2	<10	<0.1	12	190	<5	<10	290
L1500S- 9700E	30	<10	0.5	22	9450	10	<10	<20
L1500S- 9800E	7	<10	0.1	4	100	<5	10	570
L1500S- 9900E	16	<10	<0.1	11	190	7	80	900
L1500S-10000E	45	<10	<0.1	8	200	7	80	2260
L1500S-10100E	20	<10	0.1	8	360	<5	70	270
L1500S-10200E	49	<10	0.4	7	470	<5	120	180
L1500S-10300E	70	<10	0.5	11	2160	10	110	40
L1500S-10400E	42	<10	1.6	9	2550	6	70	100
L1500S-10500E	33	<10	1.7	8	1780	6	50	110
L1500S-10600E	3	<10	0.1	9	460	<5	40	300
L1500S-10700E	4	<10	<0.1	16	400	10	160	410
*Rep L1500S-10700E	3	<10	<0.1	16	380	9	160	430
L1500S-10800E	14	<10	<0.1	4	150	7	60	50
L1500S-10900E	15	<10	<0.1	16	270	6	60	920
L1500S-11000E	5	<10	<0.1	6	180	<5	110	110
L1000S- 9800E	9	<10	<0.1	15	350	<5	10	820
L1000S- 9900E	5	<10	<0.1	6	70	<5	<10	70
L1000S-10000E	8	<10	<0.1	21	250	<5	30	1010
L1000S-10100E	12	<10	<0.1	16	420	<5	10	210
L1000S-10200E	2	<10	<0.1	44	4340	<5	40	60
L1000S-10300E	13	<10	0.7	40	950	<5	150	6050
L1000S-10400E	6	<10	1.4	43	7370	<5	120	510
L1000S-10500E	11	<10	1.9	2	8980	10	20	40
L1000S-10600E	16	<10	1.7	6	590	<5	200	230
*Rep L1000S-10600E	17	<10	1.9	7	660	<5	220	220
L1000S-10700E	34	<10	0.1	12	280	12	80	160
L1000S-10800E	52	<10	0.9	4	1630	10	<10	<20
L1000S-10900E	13	<10	<0.1	31	1130	13	730	170
L1000S-11000E	21	<10	0.1	33	7910	<5	70	<20
L500S- 9800E	6	<10	<0.1	28	430	11	40	450
L500S- 9900E	13	<10	0.3	11	1870	8	<10	50
L500S-10000E	8	<10	<0.1	11	410	10	140	1270
L500S-10100E	8	<10	0.1	10	240	<5	50	400
L500S-10200E	11	<10	0.2	8	250	<5	10	270
L500S-10300E	54	<10	0.7	16	9260	8	40	<20
L500S-10400E	6	<10	<0.1	34	270	<5	40	170
L500S-10500E	23	<10	0.2	8	330	<5	90	920
*Rep L500S-10500E	21	<10	0.2	8	340	<5	90	910
L500S-10600E	56	<10	0.3	10	990	11	270	840
L500S-10700E	15	<10	0.5	30	730	<5	230	1690

SGS

Final : TO107238 Order: Project Gilly

Element	Ag	As	Au	Cd	Cu	Mo	Pb	Zn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	1	10	5	10	20
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
L500S-10800E	19	10	0.5	9	410	12	320	340
L500S-10900E	24	<10	0.1	12	350	16	240	200
L500S-11000E	27	<10	0.3	11	670	10	250	780
L0- 9500E	6	<10	<0.1	16	290	<5	<10	260
L0- 9600E	34	<10	0.2	23	15400	<5	<10	30
L0- 9700E	16	<10	0.1	47	23400	<5	70	170
L0- 9800E	8	<10	<0.1	18	290	<5	20	170
L0-9950E	8	<10	<0.1	5	160	<5	<10	350
L0-10000E	13	<10	0.2	18	2800	<5	20	80
L0-10200E	47	<10	<0.1	6	420	<5	<10	430
*Rep L0-10200E	44	<10	<0.1	6	440	<5	<10	430
L0-10300E	12	10	1.0	9	510	5	50	450
L0-10400E	16	<10	0.2	4	300	<5	10	140
L0-10500E	13	<10	0.3	6	330	6	90	100
L0-10600E	52	10	0.8	5	430	8	150	210
L0-10700E	28	<10	0.8	22	5240	8	90	30
L0-10800E	20	10	0.5	18	890	26	170	60
L0-10900E	20	<10	<0.1	9	640	9	330	140
L0-11000E	47	<10	0.4	23	9970	10	100	90
L500N-9800E	18	<10	1.8	20	26500	9	20	30
L500N-9900E	5	<10	<0.1	15	540	8	90	480
L500N-10100E	3	<10	0.3	10	2080	<5	50	580
L500N-10200E	4	<10	0.1	3	280	<5	60	200
*Rep L500N-10200E	4	<10	0.1	3	310	<5	60	200
L500N-10300E	9	<10	0.3	3	220	6	50	140
L500N-10400E	21	<10	0.2	6	390	6	30	280
L500N-10500E	1	<10	0.3	16	6450	103	290	30
L500N-10600E	20	40	0.6	8	710	19	80	90
L500N-10700E	15	<10	1.2	18	4480	13	40	100
L500N-10800E	9	<10	0.2	9	120	9	100	520
L500N-10900E	28	<10	0.2	7	170	16	190	260
L500N-11000E	132	<10	0.7	36	3070	<5	70	30
*Std MMISRM18	23	20	9.2	87	860	37	290	770
*Std MMISRM16	17	20	25.2	5	640	53	100	250
*Blk BLANK	<1	<10	<0.1	<1	<10	<5	<10	<20
*Blk BLANK	<1	<10	<0.1	<1	<10	<5	<10	<20