Geochemical and Geophysical Assessment Report on the RHG Project

Tahltan River Area
Liard Mining Division
British Columbia

57°59' North Latitude
131°45' West Longitude

N.T.S. 104 G/13/W
BCGS 104G/091, 092
NAD - 83
UTM Zone 9

For:

RED TUSK RESOURCES INC.
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By:

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April, 2006

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Summary

This report summarizes the 2005 work program completed by United Exploration Management Inc. (UEMI) on behalf of Red Tusk Resources Ltd. The RHG property was acquired to assess high-grade copper and gold occurrences discovered in past exploration programs completed in the early 1990's by Kestrel Resources Ltd. and Homestake Mineral Development Company. Work from both those programs concluded that, from their observations, potential exists for a porphyry copper-gold system on ground covered by the RHG project claims. An assessment report describing a portion of the physical work on the claims (camp construction and establishment of the grid baseline) has been filed. This program cost $21,020.81; these costs have been deducted from the costs listed on this report. The work done in 2005 included camp set-up, grid establishment (39.35 line-kilometres), rock (35 samples), and soil (985 samples) geochemical sampling, 3D modeling of a previously flown airborne magnetic survey, and a 3D induced Polarization geophysical survey (35.75 line-kilometres). The surveys were completed at a cost of $377,808.31.

There is a substantial lack of geological data available on this region. The last regional GSC mapping occurred during the early 1970's. Since then there has been significant glacial retreat causing new outcrop exposure. The original discovery on the former RAD claims (now claim #512296) was at the toe of a glacier that no longer exists. Much of the area is open for new discovery and interpretation. The only intensively studied similar deposit setting within the mineral belt is Galore Creek situated some 80 km south.

On the central portion of the property, a fractured, silicified, altered diorite intrudes sediments and volcanics resulting in skarn on the margins. The width of the contact and silicified/vein zone exceeds 50 m with values up to 30.6% copper and 0.48 oz/ton gold in the skarn (1990 Kestrel Program). On the eastern portion of the claims, a copper-gold skarn has been traced for a minimum of 800 metres strike length and 400 metres width. Some of the better assays include 0.081 oz/ton gold, 1.72 oz/ton silver and 2.64% copper from the skarn while the altered granodiorite porphyry target returned 930 ppb gold, 6.2 ppm silver and 1.27% copper (1990 Homestake Program).

An inverse mag profile draped over 3-D topography suggests the same potential source for mineralization continues through the claims and to substantial depth. Iron oxide satellite imagery display other anomalies worthy of follow-up.

The 2005 work outlined areas of anomalous soil geochemistry on both the north and south grids and several high chargeability – low resistivity targets from the 3D IP survey. Further work is recommended to follow-up on the 2005 results through detailed mapping and sampling. Rock sampling returned results of up to 7,840 ppm Cu, 290 ppb Au, 3,480 ppm Zn and 49 ppm Mo. Soil samples showed consistently elevated copper values that flank to partially overlap favourable high-chargeability – low resistivity zones defined by the IP survey.

Introduction

Previous exploration programs in the 1990's led to the discovery of high grade copper and gold prospects in a skarn assemblage at two different locations in what is now the present day RHG project. Mineralization seen in the intrusive stock peripheral to the skarn was suggestive of a porphyry copper-gold system. Select grab samples returned values up to 30.6% copper and 0.48 opt gold. The claims are underlain by undifferentiated volcanic and sedimentary rock of Upper Triassic age intruded by Cretaceous stocks, primarily diorite and quartz monzonite.

In 2004, personnel employed by United Exploration Management came across the property reports and were intrigued that past work by Kestrel and Homestake suggested the possibility of a porphyry copper-gold system. While claim staking it was also noted that all the snowfields and glaciers earlier reported were now absent, exposing more mineralization.

A three-dimensional inverse mag compiled from available government data provided further evidence of a possible deep seated intrusive body. A iron oxide satellite imagery provided clues for new gossanous areas to prospect.

This report summarizes the 2005 geochemical and geophysical programs completed on the property and recommends a continuing exploration program. A total of 39.35 line-kilometres of grid was established of which 35.7 line-kilometres was tested by the 3D IP survey. In addition 985 soil samples and 35 rock samples were collected from the grid. All samples were analysed for gold by fire assay and 34 elements by ICP methods. Author Nicholson managed the exploration program and made two site visits to the property on July 27, 2005 and August 4, 2005. Author Raven assisted in the data compilation for this report but has not made a site visit.

Claim Status

The claims are situated approximately 35 kilometres northwest of Telegraph Creek, BC, centred at 57°59' north latitude and 131°45' west longitude, in the Liard Mining Division, British Columbia (Figure 1).

The mineral claims were originally staked June, 2004. Since that time the claims have been converted to the new, online mineral tenure system in British Columbia. As a result the current boundaries are slightly different from the original staking. Details of the claim particulars are shown in Table 1 and claim boundaries are shown on Figure 2. All data was derived from a search of the Mineral Titles Online BC website.

Table 1. RHG Property Claim Status

Tenure Number	Claim Name	# Units	Record Date	Expiry Date	Area	Owner
507352	DCB 1	25	Feb 17/05	Feb 17/06	429.219	UEMI*
507358	DCB 2	25	Feb 17/05	Feb 17/06	429.266	UEMI
507361	DCB 3	10	Feb 17/05	Feb 17/06	171.71	UEMI
507367	DCB 4	25	Feb 17/05	Feb 17/06	429.107	UEMI
507374	DCB 5	15	Feb 17/05	Feb 17/06	257.471	UEMI
507379	DCB 6	20	Feb 17/05	Feb 17/06	343.121	UEMI
507382	DCB 7	15	Feb 17/05	Feb 17/06	257.163	UEMI
512296	**	33	May 9/05	June 23/06	566.069	UEMI
512297	**	63	May 9/05	June 24/06	1081.933	UEMI
512298	**	51	May 9/05	June 24/06	875.267	UEMI
512299	**	57	May 9/05	June 24/06	978.226	UEMI
512300	**	66	May 9/05	June 23/06	1131.466	UEMI
512302	**	53	May 9/05	June 23/06	908.988	UEMI
512303	**	40	May 9/05	June 23/06	686.428	UEMI
512305	**	60	May 9/05	June 23/06	1029.189	UEMI
512307	**	81	May 9/05	June 23/06	1389.492	UEMI
TOTALS		639			10,964.155 Hectares	

* UEMI = United Exploration Management Inc.
** claims not assigned a name, only a tenure number

All claims are owned by United Exploration Management Inc. (UEMI). Red Tusk Resources has a signed a Purchase Agreement for a 100% interest in the claims by paying $125,000, issuing 1.5 million shares, and reimbursing exploration expenditures to date by UEMI. There is a 2½% N.S.R. on the property due to UEMI.

Figure 1. Location Map

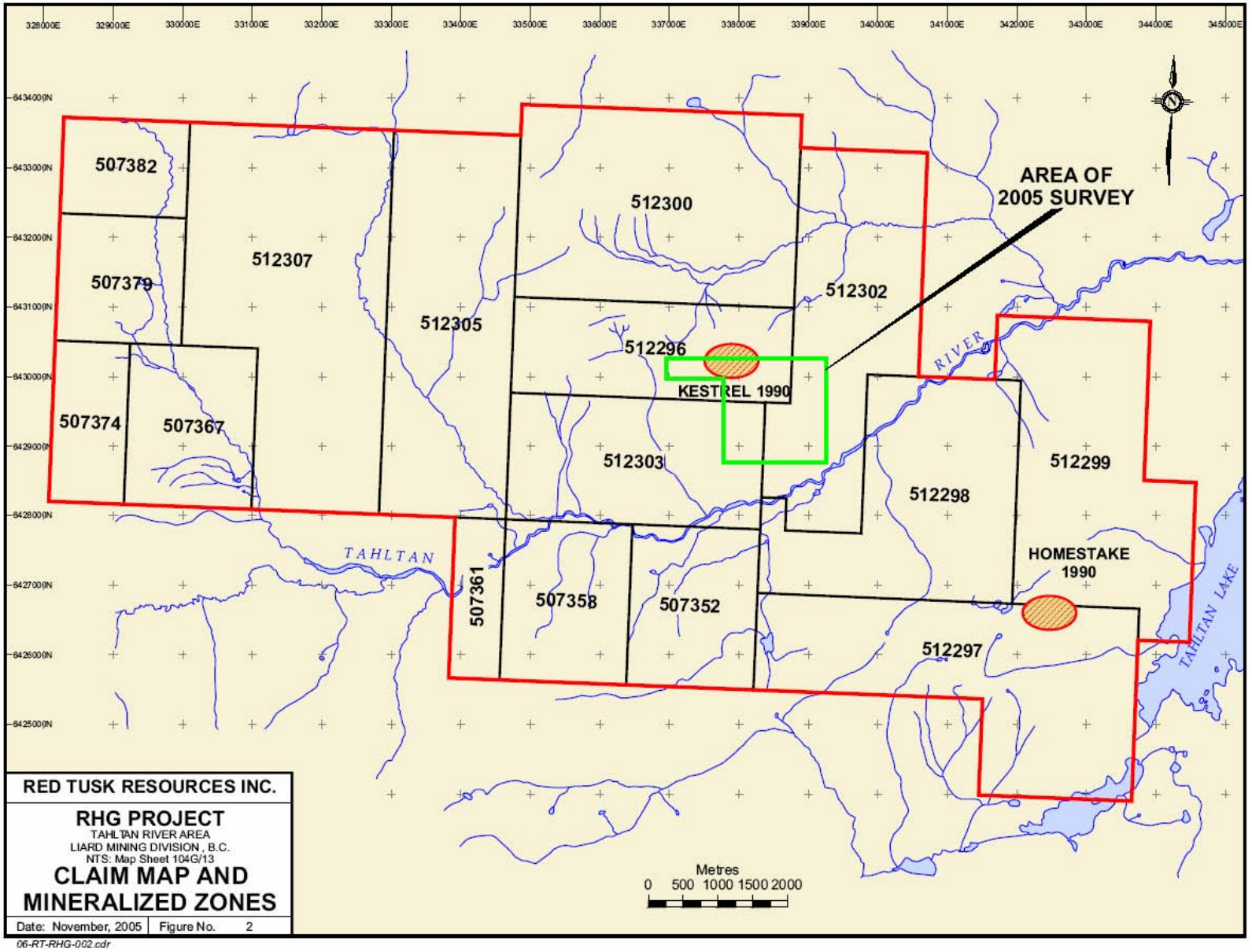


Figure 2. Claim Map

Location and Access

The claims are accessed via helicopter from the airstrip at Telegraph Creek. Regular fixed wing flights service Telegraph Creek and Dease Lake from Smithers, BC. Telegraph Creek is also accessed via gravel road west and south of Dease Lake, BC on the Stewart-Cassiar Highway. A mining access road to the Golden Bear deposit passes within 10 kilometres to the northeast of the property. There are no power generating facilities nearby though secondary lines could be erected from Telegraph Creek.

The topography of the mineral claims ranges from a low of 975 m, to a high of 1,850 m, with vegetation non-existent above 1,370 m. Lower elevations are covered with scrub alpine fir, middle elevations with grasses and heather, and higher elevations are predominantly barren or ice/snowpack covered. Middle slopes are invariably steep while upper elevations tend to be rounded, weathered ridges.

Several small lakes and creeks, and the Tahltan River, are suitable to support exploration activities including drilling. The climate is typical of subalpine to alpine regions of northern British Columbia, characterized by long, cold winters and short, cool summers.

History

The discovery of fine gold in the Stikine River brought the first rush of exploration to the Telegraph Creek area in 1873. Active prospecting for placer gold continued through the Cassiar and Klondike gold rushes. In 1902, the first copper prospect was recorded near Glenora. Exploration through the early to mid 1900's was confined to areas accessible from the Stikine River and resulted in many prospects along the Stikine Valley (Kerr, 1948).

In 1917, a discovery of copper mineralization was made on the south facing slope of the Winter Creek Valley at an elevation of 1,524 m. This consisted of a small massive sulphide body containing varying amounts of pyrrhotite and chalcopyrite, a sample of which assayed 0.12 oz/ton Au, 0.91 oz/ton Ag, and 5.8% Cu. A description of this occurrence is given by J.D. Mandy in G.S.C. Memoir 246, *Lower Stikine and Western Iskut Areas, British Columbia*, p. 75. Claims covering the area have been staked and abandoned several times, and include the Glenora and King Groups of 1929 and the NP group of 1962.

More recent exploration in the remote areas of the map sheet began when Hudson's Bay Mining and Smelting Company Limited undertook several programs during the 1970s, including work on the Glenora and King Groups. A great amount of exploration has occurred in the Muddy Lake region, north of the Telegraph area. Several major companies, including Esso Minerals, have been active there throughout the 1980's.

In 2003, Spectrum Gold (since acquired by Novagold) optioned the Galore Creek deposit (approximately 80 km to the south) from Kennecott and Anglo American and the Copper Canyon deposit from Eagle Plains. An extensive 2004 exploration program not only resulted in several new showings where snow and ice have retreated but also a substantial increase in tonnage and grade. Galore Creek is now estimated to contain an indicated resources of 385 million tonnes containing 5.2 million ounces gold, 67.3 million ounces silver, and 5.8 billion pounds of copper. Copper Canyon adds another inferred 2.8 million ounces gold, 37 million ounces silver, and 1 billion pounds of copper.

The present day claims were explored by Kestrel Resources and Homstake Development in the late 1980's to early 1990's. This work resulted in discoveries of anomalous copper and gold in two areas as shown on Figure 2.

KESTREL EXPLORATION PROGRAMS

In 1989, a preliminary prospecting program by Kestrel Resources Ltd. was completed over existing mineral claims and located several mineral showings. A 1990 geochemical program was undertaken to further assess the exploration potential of the claims. During the course of that work some 203 rock samples, 192 soil samples and 18 panned concentrate silt samples were collected.

Both grab and channel samples have returned highly anomalous copper values with consistently elevated gold and silver assays. Grab samples have assayed up to 30.6% copper and 0.48 oz/t gold. Channel samples over lengths of 2 metres have assayed up to 13.3% copper, 3.61 oz/ton silver and 0.172 oz/t gold.

HOMESTAKE EXPLORATION PROGRAMS

Homestake completed two programs on the property in 1989 that are detailed in two assessment reports, #19,063 (August 5, 1989) and #20,149 (May 1990). The first program was designed to assess the economic potential of the property and comprised two days of work that entailed the collection of rock and stream sediment samples and geologic mapping. Anomalous results of 13,914 ppm copper and 990 ppb gold prompted further work.

A follow-up program was completed in August and September, 1989, and included further geological mapping and rock and soil sampling. Analytical results from the skarn zones indicate that the zones are anomalous in both copper and silver and occasionally gold. In addition a number of samples were taken from several old trenches located on the property. The trenches were cut on skarn altered zones containing chalcopyrite, magnetite and pyrite mineralization. Another program was initiated in 1990 comprising the collection of 366 soil samples from a 11.6 line-km grid.

Surface sampling of the sulphide zones revealed anomalous copper and silver values and occasionally gold. Results reported values up to 2.64% copper, 1.72 oz/t silver and 0.081 oz/t gold. Old trenches on the showings were sampled with eight grab and three channel samples collected. The best results from grab samples were 2.01% copper, 22.2 ppm silver and 0.031 opt gold, all from sample #31654. Channel samples assayed up to 8,561 ppm copper and 499 ppb gold over 2.2. metres and 10.8 ppm silver over 4.0 metres.

The soil sampling results outlined a strong copper anomaly downslope from the skarn/granodiorite contact trending at 040°. Gold anomalies follow the copper trend but are more erratically distributed.

Regional Geology

The property lies on the boundary between the Coast Plutonic Complex and Intermontane Belts and is underlain by rocks of the Stikine terrane. The terrane in this area can be divided into four tectonostratigraphic packages: a Late Palaeozoic to Middle Jurassic island arc suite represented by the Stikine assemblage of Monger (1977) and the Stuhini Group (Kerr, 1948); Middle Jurassic to early Late Cretaceous successor-basin sediments of the Bowser Lake Group (Tipper and Richards, 1976); Late Cretaceous to Tertiary volcanic arc assemblage of the Sloko Group (Aiken, 1959); and Late Tertiary to Recent post-orogenic plateau basalts of the Edziza and Spectrum Ranges (Figure 3).

Three stages of plutonism are recognized in the area. The Hickman batholith is composed of Early to Middle Triassic quartz monozonite to quartz diorite. The Yehiniko and Galore Creek intrusions are composed of quartz diorite to syenite of Early to Middle Jurassic age. Numerous dykes and sills of monzonite to diorite of Tertiary age occur throughout the project area.

The area is underlain by undifferentiated volcanic and sedimentary rocks of Upper Triassic age. Augite andesite breccia, conglomerate and volcanic sandstone, greywacke, graded siltstone, tuff and minor black shale are present (Souther, 1971).

The augite andesite breccia and conglomerate form massive outcrops in which bedding is rarely visible and are riddled by dykes, sills and irregular intrusive bodies that are considered to be part of the subvolcanic feeder system. These subvolcanic rocks are darker coloured, and more uniform in colour and texture than the equivalent extrusive phases.

Discontinuous belts of Upper Triassic limestone are widespread in the area. This unit is thin bedded, flaggy, fetid limestone with interbedded shale and siliceous silt. Massive amphibole rich rocks, predominantly hornblende, occur in contact with the volcanic series in the northwest portion of the map area. This unit forms part of an amphibolite complex that contacts massive Permian limestone within the adjoining Tulsequah map area to the northwest.

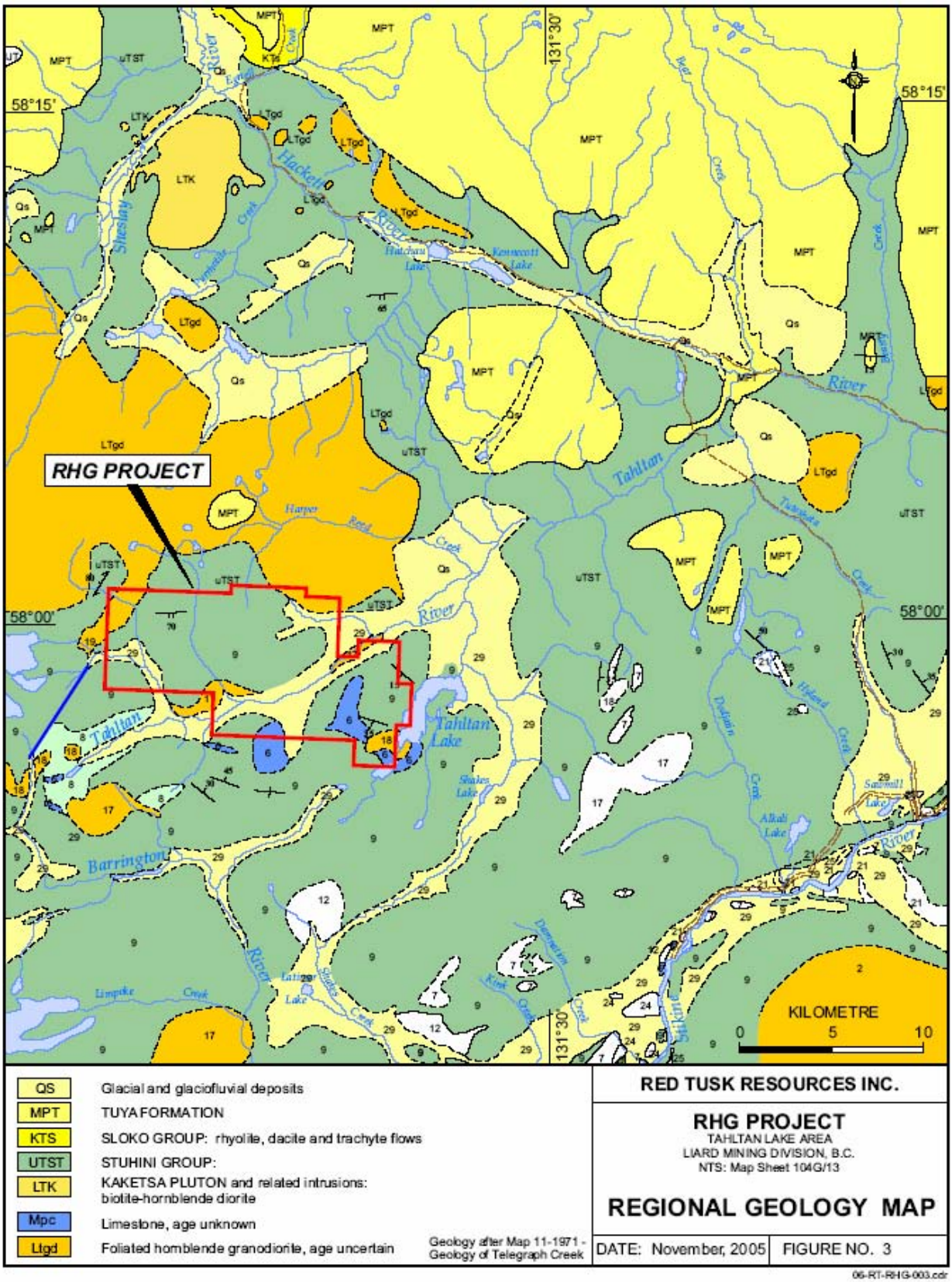


Figure 3. Regional Geology

The Tertiary rocks have undergone multiple deformations (Souther, 1971). The structure is complicated by contrasting competence of adjacent volcanic and sedimentary units, and their different responses to stress. Regional folding in Permian and older rocks trends north to northwesterly in the southern and eastern parts of the Telegraph map area and east-west along the Chutine River valley to the northwest. Triassic and Lower to Middle Jurassic units are broken into a mosaic of fault-bounded blocks between which there is little structural continuity. Thickly bedded volcanics display open folds cut by minor faults and fractures, while more thinly bedded units are more tightly folded.

Property Geology and Mineralization

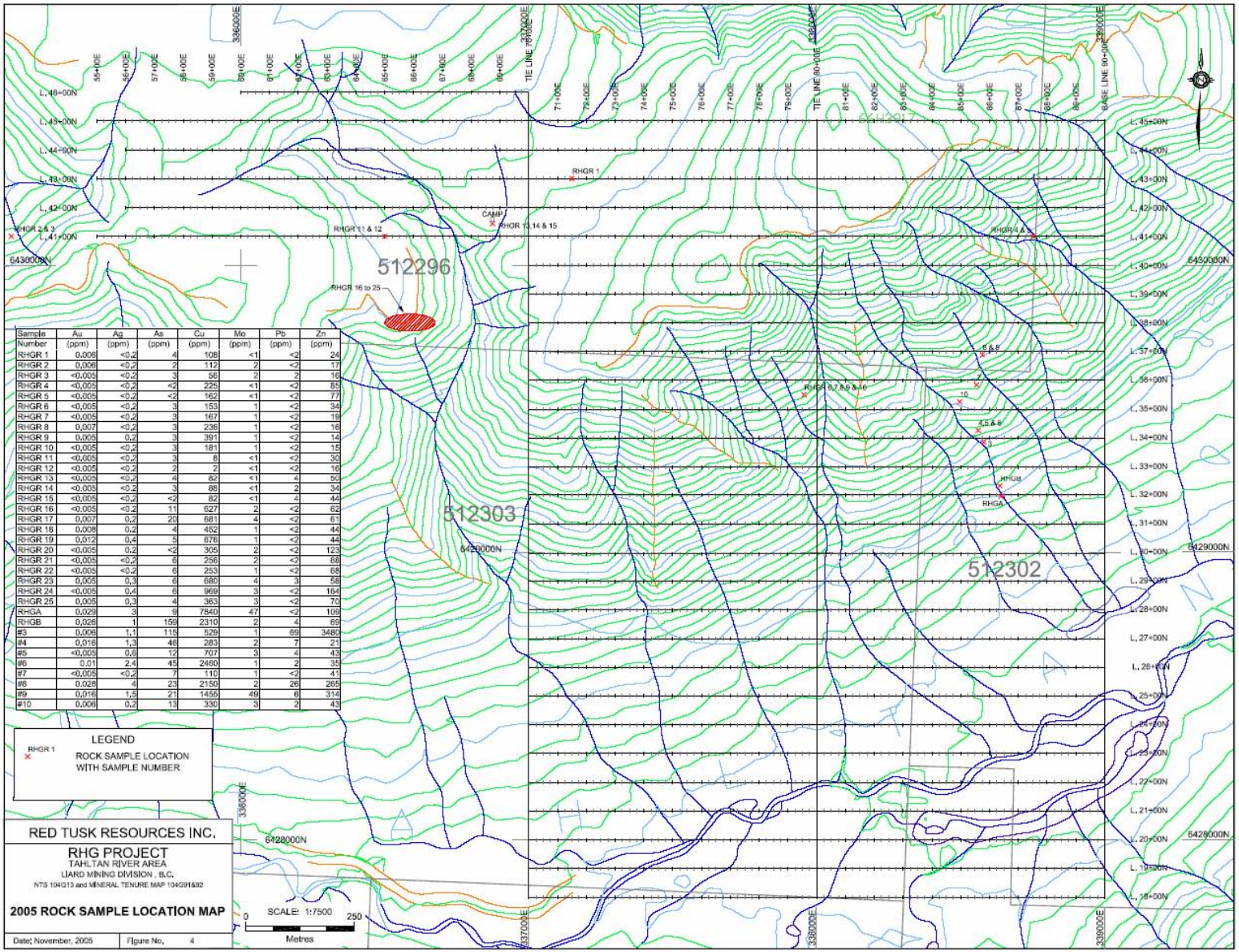
There are two known mineral occurrences on the property that were the subject of exploration programs in the 1990's. A brief summary of the mineralization encountered in those programs is summary presented as follows:

KESTREL SHOWING

At the Kestrel showing skarn mineralization is developed at the contact between volcanic sediments of Upper Triassic age and diorite plutonic rocks of Jurassic age. A fault (110/90°) cuts the diorite and is mineralized and silicified. The fault zone is in turn truncated by the sheared contact, trending 025°, between volcanic sediments and diorite. The sheared contact zone is reportedly up to five metres wide, is silicified with quartz veinlets, and hosts blebs of chalcopyrite, bornite, and covellite. Within the shear zone quartz veins up to 40 cm wide contain up to 20% chalcopyrite and 30% pyrite. The silicification extends for nearly 50 metres beyond the contact zone and is manifest as quartz veins and massive, resistant quartz knobs. The width of the contact/shear zone is reported to exceed 50 metres, strike length was undetermined due to overburden and snow cover.

HOMESTAKE SHOWING

At the Homestake showing siliceous sedimentary rocks, wackes, quartzites, cherts, greenstone and limestone of Upper Triassic age are cut by diorite-grandorite Jurassic/Cretaceous intrusions (Figure 4). Skarn is developed where the diorites cut limestone beds. The typical skarn assemblage comprises calcite-epidote-diopside-garnet. Sulphide zones within skarn are typically 1-2 metres wide, up to 5 metres wide, and contain 2-5% chalcopyrite, trace-5% pyrite, trace-3% pyrrhotite, and variable concentrations of magnetite and hematite. The orientation of the sulphide zones is unknown; the sedimentary host rocks strike at 300° with a shallow dip of 30° to the southwest.



Sample Number	Au (ppm)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)
RHGR 1	0.006	<0.2	4	108	<1	<2	24
RHGR 2	0.006	<0.2	2	112	2	<2	17
RHGR 3	<0.005	<0.2	3	56	2	2	16
RHGR 4	<0.005	<0.2	<2	225	<1	<2	85
RHGR 5	<0.005	<0.2	<2	162	<1	<2	77
RHGR 6	<0.005	<0.2	3	153	1	<2	34
RHGR 7	<0.005	<0.2	3	167	1	<2	19
RHGR 8	0.007	<0.2	3	236	1	<2	16
RHGR 9	0.005	0.2	3	391	1	<2	14
RHGR 10	<0.005	<0.2	3	181	1	<2	15
RHGR 11	<0.005	<0.2	3	8	<1	<2	30
RHGR 12	<0.005	<0.2	2	2	<1	<2	16
RHGR 13	<0.005	<0.2	4	82	<1	4	50
RHGR 14	<0.005	<0.2	3	88	<1	2	34
RHGR 15	<0.005	<0.2	<2	82	<1	4	44
RHGR 16	<0.005	<0.2	11	627	2	<2	62
RHGR 17	0.007	0.2	29	681	4	<2	61
RHGR 18	0.008	0.2	4	452	1	<2	44
RHGR 19	0.012	0.4	5	876	1	<2	44
RHGR 20	<0.005	0.2	<2	305	2	<2	123
RHGR 21	<0.005	<0.2	6	256	2	<2	68
RHGR 22	<0.005	<0.2	6	253	1	<2	68
RHGR 23	0.005	0.3	6	680	4	3	58
RHGR 24	<0.005	0.4	6	969	3	<2	164
RHGR 25	0.005	0.3	4	363	3	<2	70
RHGA	0.029	3	9	7840	47	<2	109
RHGB	0.026	1	159	2310	2	4	69
#3	0.006	1.1	115	529	1	69	3480
#4	0.016	1.3	46	283	2	7	21
#5	<0.005	0.6	12	707	3	4	43
#6	0.01	2.4	45	2460	1	2	35
#7	<0.005	<0.2	7	110	1	<2	41
#8	0.028	4	23	2150	2	26	265
#9	0.016	1.5	21	1455	49	6	314
#10	0.006	0.2	13	330	3	2	43

Figure 4. Rock Sample Location Map

Exploration

The company conducted a preliminary exploration program to evaluate the property through geochemical and geophysical surveys. All of this work was focused on the higher ground around the 1990 Kestrel showing, where recent glacial retreat has exposed more outcrop. No work was done around the Homestake showings.

To facilitate the surveys two grids totalling 39.35 line-kilometres were established, north and south of the Kestrel showing, which wasn't covered by the 2005 surveys due to steepness of terrain. Soil samples were collected along the grid lines at 25 metre intervals where soil was available. The IP survey covered the same lines as the soil sampling plus an extension of the grid to the west. This grid extension was completed because significant chargeability anomalies were appearing on the data at the edge of the original grid, with the grid extension these anomalies were resolved. Rock samples were collected from mineralized or altered intrusive rock and skarn.

ROCK GEOCHEMISTRY

A total of 25 rock grab and 10 rock chip samples were collected during the 2005 program as shown on Figure 4. None of the sampling covered the original Kestrel showing.

Two of the areas sampled returned anomalous base metal values and some elevated precious metal values. The first area, tested by grab samples RHGR 16 to 25, reported consistently elevated copper values ranging from 253 ppm to 969 ppm. The highest gold assay was 0.012 ppm (120 ppb) from sample RHGR 19.

The second area, near the eastern limits of the soil sample grid, comprises samples RHG A, RHG B and #3 to #10. Most of these samples are located down slope from the Kestrel skarn showing. These samples returned copper assays ranging from 110 ppm to 7,840 ppm, the latter result from sample RHG A. This sample also assayed 0.029 ppm (290 ppb) gold, 3.0 ppm silver, and 49 ppm molybdenum. Sample #3 assayed 3,480 ppm zinc, and 69 ppm lead, the highest values received from the 2005 survey. All of the samples from this area reported higher arsenic values than those received from other areas of the property.

Sample results for selected elements are show on Table 2, rock sample descriptions are included as Appendix 1, and the assay certificates are included in Appendix 2.

Table 2. RHG Property: 2005 Rock Sample Results

Sample Number	Au (ppm)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)
RHGR 1	0.006	<0.2	4	108	<1	<2	24
RHGR 2	0.006	<0.2	2	112	2	<2	17
RHGR 3	<0.005	<0.2	3	56	2	2	16
RHGR 4	<0.005	<0.2	<2	225	<1	<2	85
RHGR 5	<0.005	<0.2	<2	162	<1	<2	77
RHGR 6	<0.005	<0.2	3	153	1	<2	34
RHGR 7	<0.005	<0.2	3	167	1	<2	19
RHGR 8	0.007	<0.2	3	236	1	<2	16
RHGR 9	0.005	0.2	3	391	1	<2	14
RHGR 10	<0.005	<0.2	3	181	1	<2	15
RHGR 11	<0.005	<0.2	3	8	<1	<2	30
RHGR 12	<0.005	<0.2	2	2	<1	<2	16
RHGR 13	<0.005	<0.2	4	82	<1	4	50
RHGR 14	<0.005	<0.2	3	88	<1	2	34
RHGR 15	<0.005	<0.2	<2	82	<1	4	44
RHGR 16	<0.005	<0.2	11	627	2	<2	62
RHGR 17	0.007	0.2	20	681	4	<2	61
RHGR 18	0.008	0.2	4	452	1	<2	44
RHGR 19	0.012	0.4	5	676	1	<2	44
RHGR 20	<0.005	0.2	<2	305	2	<2	123
RHGR 21	<0.005	<0.2	6	256	2	<2	68
RHGR 22	<0.005	<0.2	6	253	1	<2	68
RHGR 23	0.005	0.3	6	680	4	3	58
RHGR 24	<0.005	0.4	6	969	3	<2	164
RHGR 25	0.005	0.3	4	363	3	<2	70
RHGA	0.029	3.0	9	7840	47	<2	109
RHGB	0.026	1.0	159	2310	2	4	69
#3	0.006	1.1	115	529	1	69	3480
#4	0.016	1.3	46	283	2	7	21
#5	<0.005	0.6	12	707	3	4	43
#6	0.01	2.4	45	2460	1	2	35
#7	<0.005	<0.2	7	110	1	<2	41
#8	0.028	4.0	23	2150	2	26	265
#9	0.016	1.5	21	1455	49	6	314
#10	0.006	0.2	13	330	3	2	43

SOIL GEOCHEMISTRY

Red Tusk Resources Inc. undertook a limited grid-based soil sampling survey in areas of gentler relief at two locations north and south of the Kestrel showing (Figure 5). The Kestrel showing itself is located in an area of very steep terrain and was not covered by either the soil or rock sampling surveys due to the very wet and slippery conditions that prevailed at the time the work was done.

Soil samples of either the B-horizon or C-horizon (small rock chips) were collected and placed into 4" x 6" kraft bags and labelled with a grid coordinate location. The north grid (lines 36N-45N) was particularly difficult to sample as most of the ground is recently exposed due to glacier retreat with virtually no soil profile developed. Soils were more readily obtained from the southern grid, which lies on gentler, forested slopes. A total of 985 soil samples were collected during the 2005 surveys.

The soil sampling survey was successful in outlining a strong copper anomaly along the eastern margins of both grids and several other anomalous areas as shown on Figure 5. Analyses for other elements did not reveal any more than spot anomalies. The analytical certificates and procedures are included as Appendix 2.

South Grid (Figure 5)

There is a well defined copper anomaly over six lines (600 metres), from L27+00N to L33+00N labelled SG-GC1. Values range from about 300 ppm to a high of 686 ppm. The copper anomaly trends roughly north-northwest for 600 metres and varies from 100-350 metres wide; the anomaly is open to the north. It crudely lines up with anomalous values on the north grid, which is topographically higher than the Kestrel showing. This anomaly flanks the creek draining the Kestrel showing which may have influenced the size of the anomalous area.

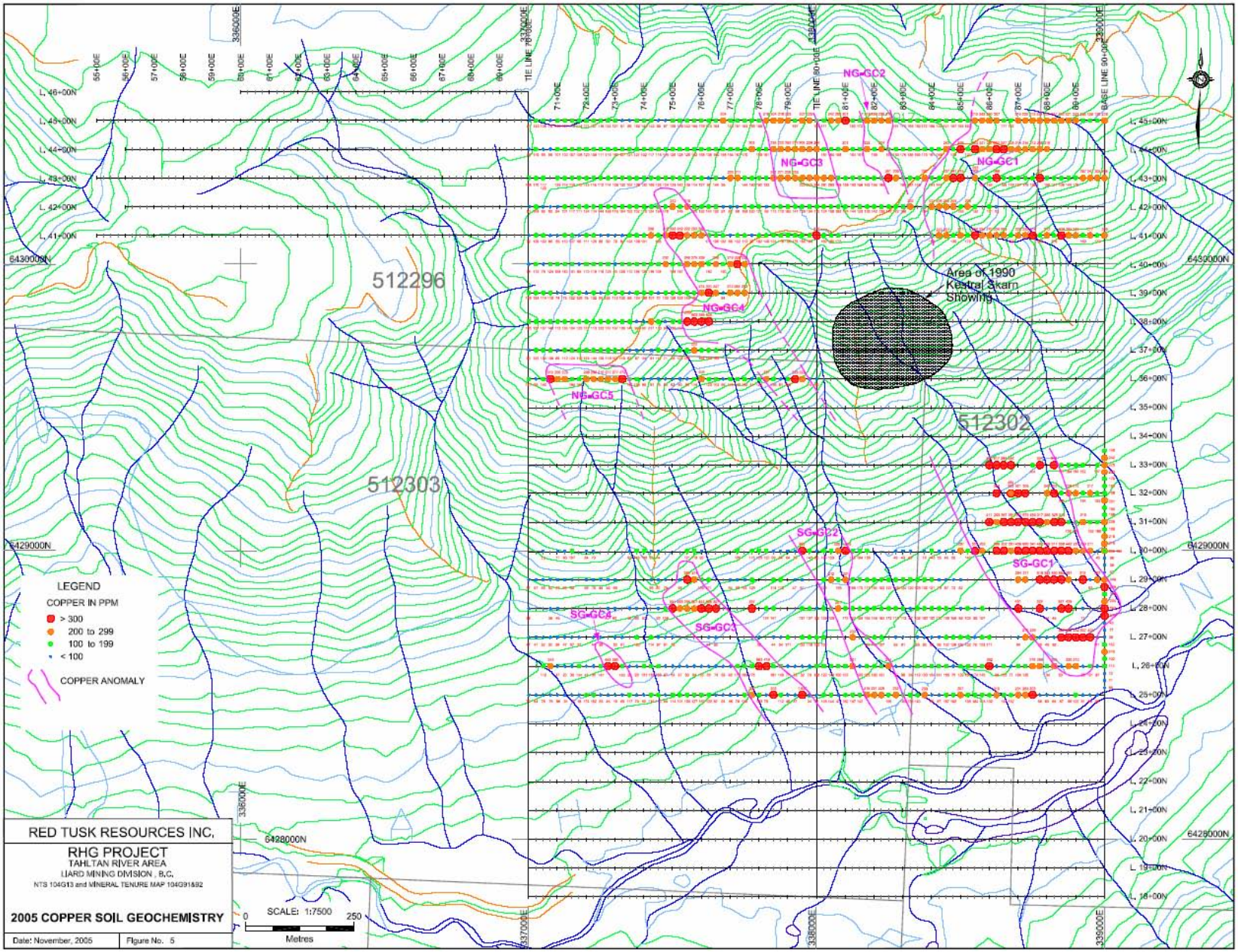


Figure 5. 2005 Copper Soil Geochemistry

A weaker northwest trend, open to the north and south, is developed on lines 25+00N (81+50E – 83+00E) to line 30+00N (79+50E – 81+50E) and is labelled SG-GC2. Soil samples assayed in the range of 100-250 ppm with highs of 469 ppm and 1,645 ppm copper, both on L30+00N. The anomalous trend is approximately 100 metres wide by 600 metres long.

The third northwest tending anomaly, SG-GC3, is developed on lines 25+00N (77+75E – 79+50E) to 29+00N (75+00E – 76+00E). The anomalous trend is approximately 500 metres long by 150 metres wide with copper assays in the 200-500 ppm range up to high of 1,620 ppm copper.

There is one final anomalous area which is a spot high on L26+00N where stations 72+75E and 73+00E assayed 443 ppm and 390 ppm copper respectively.

North Grid (Figure 5)

On the north grid there are widespread anomalous copper values. The most prominent anomaly also lies in the eastern portion of the grid, from lines 41+00N to 45+00N and 85+00E to Baseline 90+00E and is labelled NG-GC1. Assays are in the 200-300 ppm range to a high of 538 ppm. This anomaly remains open to the north and south, and to a lesser extent, to the east.

West of this main anomaly are two north-northwest trending zones. The first, NG-GC2, from about 81+50E to 83+00E is about 300 metres long by 50-100 metres wide with assays in the 200-250 ppm range to a high of 361 ppm copper. This is open to the north, and possibly to the south; there is insufficient sampling to the south to draw further conclusions. The second anomaly, NG-GC3, is roughly 300 metres long by 200 metres wide with assays in the 200-300 ppm range. This anomaly is open to the north but not to the south.

Another prominent area of anomalous copper values, NG-GC4, is found on lines 38+00N – 41+00N, 74+75E to 78+00E, flanking a local small hill. The anomalous area measures 400 x 150 metres and is open to the east. Additional sampling may extend this trend to the south, the anomaly is closed off to the north and west. Assay values are in the 200-300 ppm range to a high of 1,950 ppm. Within this trend four of the five highest results are contiguous samples on line 38+00N, stations 75+50E to 76+25E, with values of 1,950, 603, 399 and 806 ppm copper respectively.

A final area of interest is found on L36+00N / 70+75E – 73+25E, NG-GC5, where 11 samples in a row report consistently elevated values (155-472 ppm copper). This remains open to the south.

INDUCED POLARIZATION GEOPHYSICS

UEMI contracted SJ Geophysics Ltd., of Delta, BC, to complete a 3D Induced Polarization (IP) survey over the soil sample grid. The data was then processed with 3D inversion modeling techniques. A total of 35.75 line-kilometres was surveyed on the north and south grids. Full details of the survey and all maps are included as Appendix 3: SJ Geophysics IP Report. The data was presented as line by line profiles and then combined into a series of "level plans" at depths of 25 to 250 metres below surface for both chargeability and resistivity.

South Grid

In simplified terms the data outline a broad zone of elevated chargeability that extends from stations 76+00E to 88+00E and 25+00N to 29+00N with a vertical thickness of approximately 150-200 metres. Within this broad zone is an area of stronger chargeability response measuring 700 metres east-west (80+00E – 87+00E) by 200-250 metres north-south (26+00N – 28+00N) extending some 150-200 metres below surface. Within this sub zone is an persistent oval-shaped "spot" high centred on L28+00N, from 86+00E – 87+00E.

The strongest chargeability anomaly (26+00N – 28+00N / 80+00E – 87+00E) partially overlaps the west margin of prominent copper soil geochemical anomaly SG-GC1 and the east edge of geochemical anomaly SG-GC2. Soil geochemical response over the IP anomaly is elevated in the 100-150 ppm range with spot highs up to 392 ppm copper.

Soil geochem anomaly SG-GC3 has some coincident chargeability response, mainly on lines 26+00N and 29+00N.

North Grid

On this grid there is a moderate to strong circular-shaped chargeability anomaly between stations 67+00E to 76+00E, on lines 39+00N to 46+00N. An east-west trending linear zone of chargeability highs extends eastward from the main semi-circular zone from 76+00E to 83+00E centred on line 44+00N. Both these anomalies persist to a depth of approximately

150 metres below surface. On the “level plan” for 200 metres below surface this feature virtually disappears and then is again evident on the plan at 250 metres below surface.

Within this broadly anomalous zone are localized areas with stronger chargeability zones. There are four main oval-shaped targets. The first zone is centred on line 44+00N, from 67+00E to 69+00E. This feature persists to a depth of 150 metres below surface with readings slowly decreasing from 60 milliseconds (ms) to 40 ms with depth. The second zone is centred on line 42+00N, from 69+00E to 74+00E, with the strongest response from 71+00E – 72+00E. This feature also persists to a depth of 150 metres below surface, is not present at –200 metres and reappears at 250 metres below surface. Intensity of the chargeability response slowly decreases with depth.

The third area of interest is an oval-shaped anomaly centred on line 44+00N from 72+50E to 75+50E. This zone presents to a depth of 100 metres below surface where it gradually fades and disappears from deeper level plans.

The fourth area of interest is a smaller anomaly centred on line 44+00N at 80+00E. This conductor is present at up to 100 metres depth where it coalesces into a 400 m long north-south trending zone centred over station 80+50E characterized by a circular high that is present to the limit of the modeling depth, some 250 metres below surface.

All of these IP anomalies are located west of strong copper soil geochemical anomaly NG-GC1 in the northeast corner of the grid. The larger, broadly anomalous IP chargeability zone encompasses a number of anomalous copper values on the south-eastern portion of the IP anomaly. The “spot” high on line 42+00N is in an area of weakly anomalous copper values while the “spot” high on L44+00N / 69+00E lies outside the soil sample coverage. The spot high on line 44+00N / 80+00E is at the centre of a three line copper-in-soils anomaly.

The IP survey and grid were extended to the west during the survey to cover chargeability anomalies developing at the western edge of the original grid (west of 70+00E). No soil sample coverage exists for this portion of the grid.

The main area of interest from the extended line coverage is on lines 41+00N to 46+00N from 56+00E to 61+00E. At this location there is a broad high chargeability – low resistivity zone that persists to a depth of approximately 150 metres below surface. Within this zone

are two spot highs as follows: Line 41+50N / 57+00E and 44+50N / 58+00E, both of which persist to 150 metres depth. The source of this anomaly remains unexplained.

AIRBORNE MAGNETIC SURVEY

Prior to initiating the field surveys UEMI contracted SJ Geophysics Ltd. to undertake 3D modelling of government airborne magnetic survey data. The government survey was flown on a 200 metre line spacing and a terrain clearance of about 300 metres. Figure 6 is included in this section to show airborne magnetic field intensity draped over topography. Full details of this study are included in Appendix 4.

In summary the data shows the property is centred over a 6 km long by 4 km wide magnetic high. This magnetic high lies along the southern flank of a much larger magnetic high that appears to be at the centre of a series of circular magnetic anomalies. The magnetic high on the centre of the property is believed to be caused by a large, buried intrusive body directly below the anomaly; burial depth is estimated at 1,100 metres below the Tahltan River valley bottom.

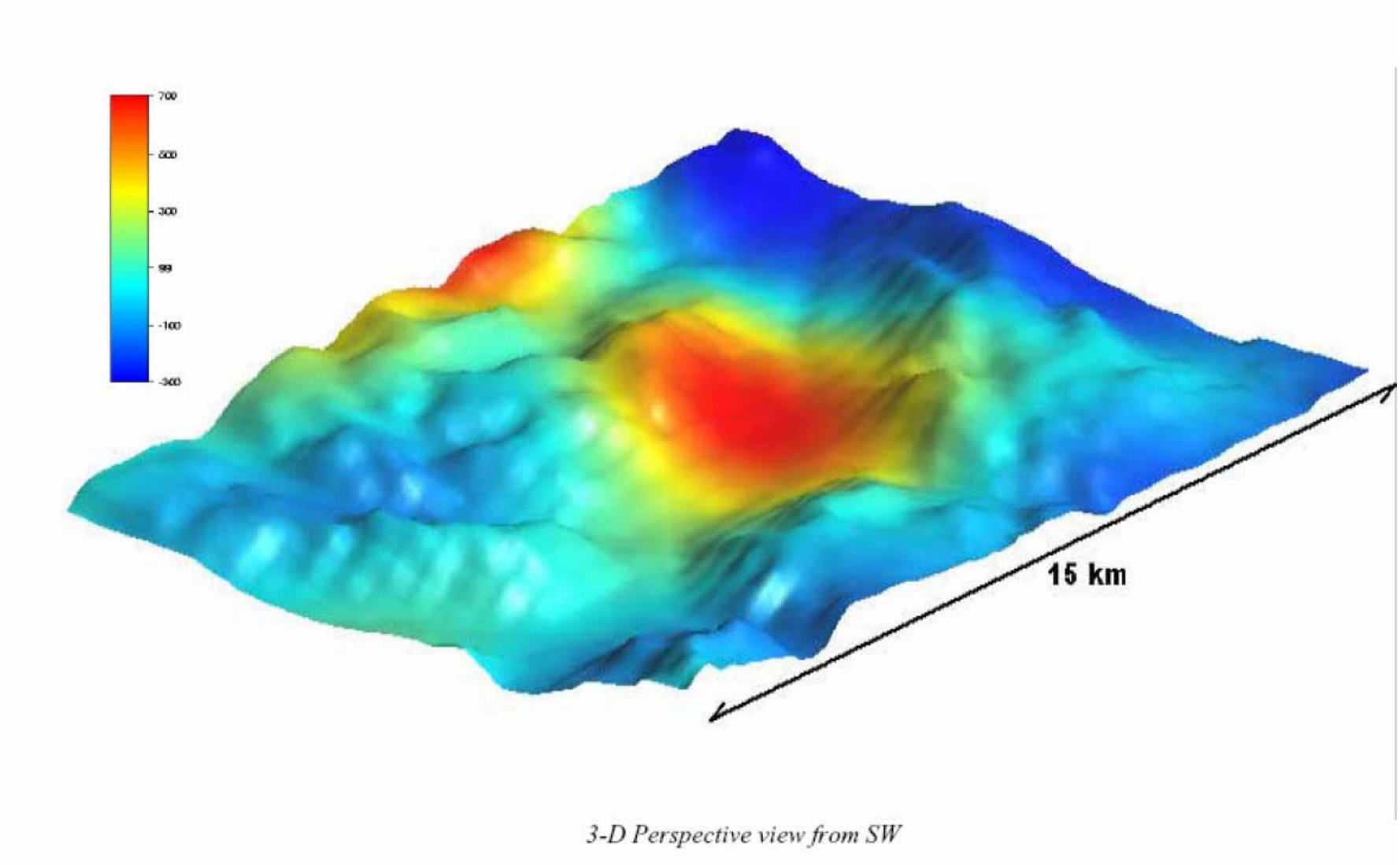


Figure 6. Airborne Magnetic Field intensity Draped Over Topography

Interpretations and Conclusions

Previous exploration work on claims now covered by the RHG project revealed extensive gold-silver-copper mineralization. Initially significant assays were returned from primarily skarn related rocks however further sampling and mapping of altered intrusive diorite rock occurring proximal to the skarn suggested that this may contain a buried copper-gold-silver porphyry. Since the 1990 work was completed, virtually all remaining snow and ice has disappeared at the higher elevations exposing much more outcrop for mapping and sampling. A mining road passes within 10 kilometres of the property.

Red Tusk Resources (via UEMI) completed geochemical and geophysical surveys over the RHG project to further evaluate the known mineralization (skarn) and the potential for a copper ± gold porphyry-type deposit. The work completed consisted of 3D modelling and reinterpretation of existing government regional-scale airborne magnetic survey data, soil sampling, and an IP survey over two flagged-line grids.

The magnetic data suggests the property is underlain by a deeply buried dome-shaped intrusive body. The soil sampling survey outlined widespread areas of anomalous copper geochemistry; no significant results were obtained for other elements. The IP survey outlined several areas of high chargeability – low resistivity which bear further evaluation. In addition satellite imagery has revealed areas of iron oxide concentration (gossans) coincident with areas of known mineralization and magnetic highs. Several targets west of the current work require investigation and should physical conditions allow, the area of previous Kestrel work needs additional review. The areas worked by Homestake were not evaluated in 2005; the old showings should be located and mapped, and soil sampling and geophysical surveys used to test for extensions of the surface mineralization beneath overburden cover.

Recommendations

Results from both past and recent exploration programs are encouraging with high grade copper and precious metals assays. The magnetic survey outlined a possible buried intrusive body and the IP survey revealed areas of high chargeability – low resistivity.

The work to date has outlined several targets of interest that warrant follow-up evaluation. A two-phased program is recommended for further exploration. Phase I should involve detailed geological mapping over the known showing and the grids as well as reconnaissance mapping throughout the rest of the property. Mapping should also look for alteration assemblages associated with porphyry-style mineralization. Systematic rock sampling (chip or channel samples) should be collected to aid in determining in the width and grade of the known showings. Drilling will test the most promising targets. Both the Kestrel and Homestake showings should be examined in 2006.

A Phase II program, if warranted, would involve additional mapping and sampling of grid extensions and further drill testing of the most advanced targets.

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Statements of Qualifications

GEORGE NICHOLSON

I, GEORGE E. NICHOLSON, of 21910 – 61st Avenue, Langley, British Columbia hereby certify that:

1. I am a graduate of the University of British Columbia with a degree in Geology (B.Sc., 1986);

2. I have practiced my profession as a Geologist continuously since graduation;

3. I am a director of Nicholson and Associates Natural Resource Development Inc., and managed the 2005 grid, geochemistry and geophysical surveys;

4. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia (No. 19796);

5. I am a Fellow of the Royal Geographic Society (No. 423161);

6. There are no material facts or material changes in the subject matter of this report that would mislead the reader;

7. I have no beneficial interest, direct or indirect, in the properties or common shares of Red Tusk Resources Inc., nor do I expect to receive any;

8. I am a director of United Exploration Management Inc. guiding mineral project acquisition but I have no beneficial interest.

9. I hereby grant my permission for Red Tusk Resources Inc. to use this Report for any corporate use normal to their business.

DATED at Vancouver, British Columbia this _____ day of April, 2006.

_____

George E. Nicholson, P.Geo., FRGS

WESLEY RAVEN

I, WESLEY RAVEN, of 108-1720 West 12th Avenue, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1983) and hold a BSc. degree in geology.

2. I have been employed in my profession with various companies since 1983.

3. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia, and have been registered since 1992. I am also a Fellow of the Geological Association of Canada and have been a member since 1989.

4. I am co-responsible for preparation of all sections of this report utilizing data summarized in the References section of this report.

5. I have had no direct involvement with Red Tusk Resources Inc. on the RHG Property.

6. I am not aware of any material fact or material change with respect to the subject matter of the assessment report that is not reflected in the assessment report, the omission to disclose which makes the assessment report misleading.

7. I am independent of Red Tusk Resources Inc. applying all the tests in Section 1.5 of NI 43-101.

8. I consent to the use of this report by Red Tusk Resources Inc. for any corporate use normal to their business.

_____

Wesley Raven, P. Geo.
DATED at Vancouver, British Columbia, this ____ day of April, 2006

Appendix 1.

Rock Sample Descriptions

UNITED EXPLORATION MANAGEMENT INC.

RHG PROJECT, ROCK GRAB SAMPLE DESCRIPTIONS

UTM Coordinates = NAD 83

Sample #	Location Reference	Description
RHGR 1	L43+00N 71+50E	fine grained chl. andesite
RHGR 2	Ridgetop 4100N + 5200 E	tr-2% diss py, rusty lim/goeth weathered slight bluish tinge, fine grained dac.
RHGR 3	Ridgetop 4100N + 5200 E	tr-2% diss py, rusty lim/goeth weathered slight bluish tinge, fine grained dac.
RHGR 4	L4100 N 8750 E	tr-2% diss py, rusty lim/goeth weathered slight bluish tinge, fine grained dac., diss mag, mang. fine grained
RHGR 5	L4100 N 8750 E	tr-2% diss py, rusty lim/goeth weathered slight bluish tinge, fine grained dac., diss mag, mang. fine grained
RHGR 6	UTM Coordinates: 337956 E / 6429550 N	recryst. dac. flow, diss. + blebby 3% py, 5-10% f.g. mag.
RHGR 7	UTM Coordinates: 337956 E / 6429550 N	recryst. dac. flow, diss. + blebby 3% py, 5-10% f.g. mag.
RHGR 8	UTM Coordinates: 337956 E / 6429550 N	limey, skarned sed, lim/goeth, 5% diss, blebby py, weakly mag
RHGR 9	UTM Coordinates: 337956 E / 6429550 N	limey, skarned sed, lim/goeth, 5% diss, blebby py, weakly mag
RHGR 10	UTM Coordinates: 337956 E / 6429550 N	limey, skarned sed, lim/goeth, 5% diss, blebby py, weakly mag
RHGR 11	4100 N 6500 E	limey, skarned sed, lim/goeth, 5% diss, blebby py, weakly mag, weakly brxx
RHGR 12	4100 N 6500 E	epidote skarn, 2% calcite, non mag, med. grn, mottled, lt brn weath.
RHGR 13	RHG Camp Upper	epidote skarn, 2% calcite, non mag, med. grn, mottled, lt brn weath.
RHGR 14	RHG Camp Upper	epidote skarn, 2% calcite, non mag, med. grn, mottled, lt brn weath.
RHGR 15	RHG Camp Upper	epidote skarn, 2% calcite, non mag, med. grn, mottled, lt brn weath.
RHGR 16	Line 38, 500-675	epidote skarn, 2% calcite, non mag, med. grn, mottled, lt brn weath.
RHGR 17	Line 38, 500-675	as per 12, 20% diss py. ser altn
RHGR 18	Line 38, 500-675	as per 12, 20% diss py. ser altn
RHGR 19	Line 38, 500-675	as per 12, 20% diss py. ser altn, 1% diss cpy, py, mag
RHGR 20	Line 38, 500-675	as per 12, 20% diss py. ser altn, 2-5% mag
RHGR 21	Line 38, 500-675	as per 19
RHGR 22	Line 38, 500-675	as per 19, ser. altn
RHGR 23	Line 38, 500-675	as per 19, 5% py
RHGR 24	Line 38, 500-675	as per 19, 5% py
RHGR 25	Line 38, 500-675	as per 19, 5% py

UNITED EXPLORATION MANAGEMENT INC.
RHG PROJECT, ROCK CHIP SAMPLE DESCRIPTIONS

UTM Coordinates = NAD 83
RHG Chip Sample Aug 16/05

Sample #	UTM Easting	Northing	Chip Length (m)	Description
RHG A	338636	6429232		lower camp 338636, 6429232; brxx, mal. az, vuggy, lim/goeth, ~1% cpy, 2-3% py, tr mag
RHG B	338640	6429195		lower camp 338640, 6429195, limey mudstone 30% py in bands, massive, tan weather
3	338580	6429386	1.6	tr. mal. laz; skarn sed.; diss + xtalline py 2% cpy, 2° calcite, mang. oxide, no mag, mottled grn-blue fresh
4	338561	6429427		lim/goeth, vuggy, drussy; boiling area, very weathered 15-20% py, kyanite x-talx
5	338561	6429427		chl/ep. skarn pink granite inclusions, 2% cpy, 5% py, tr. mag, tan weather
6	338561	6429427	8.7	25% py, very vuggy, ank-sid. weathered sfc., minor epidote skarn, minor mang., hem.
7	338555	6429584	3.0	tr cpy, 5% py, skarn, blue-grn, heavy
8	338575	9429689	6.0	interstitial mal/az, limey sed skarn, epidote, wek brxx, py ~ 5% up to 1 cm blebs, vuggy
9	338575	6429689		interstitial mal/az, limey sed skarn, epidote, wek brxx, 50% ep, py ~ 5% up to 1 cm blebs, vuggy, calcite x-tal growth, acicular ep.
10	338496	6429526		interstitial mal/az, limey sed skarn, epidote, wek brxx, 50% ep, py ~ 5% up to 1 cm blebs, vuggy, calcite x-tal growth, acicular ep.

Appendix 2.

Chemex Assay Certificates and Procedures

VA05081236 - Finalized
CLIENT : "UNEXMA - United Exploration Management Inc."
# of SAMPLES : 171
DATE RECEIVED : 2005-09-22 DATE FINALIZED : 2005-10-05
PROJECT : "RHG"
CERTIFICATE COMMENTS : "NSS is non-sufficient sample."
PO NUMBER : " "

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L28+00N S70+00E	0.016	0.2	3.04	9	<10	90	0.6	<2	0.53	<0.5	17	34	58	5.04	10	1	0.07	10	0.68	473	2	0.03	28	1630	9	0.02	<2	4	28	0.28	<10	<10	128	<10	111
L28+00N S70+75E	0.009	<0.2	2	2	<10	190	0.5	<2	0.82	<0.5	10	21	36	4.45	10	<1	0.09	10	0.53	536	4	0.02	14	1540	12	0.03	<2	3	43	0.21	<10	<10	108	<10	114
L28+00N S71+00E	<0.005	<0.2	2.21	8	<10	110	0.5	<2	0.78	<0.5	12	21	46	4.93	10	1	0.11	10	0.66	578	4	0.02	16	1180	7	0.04	<2	3	44	0.18	<10	<10	128	<10	82
L28+00N S72+75E	<0.005	0.2	2.06	11	<10	100	0.5	<2	0.49	0.5	13	37	40	4.82	10	1	0.1	<10	0.62	482	5	0.02	21	730	11	0.02	<2	3	29	0.23	<10	<10	130	<10	98
L28+00N S73+00E	<0.005	0.4	2.7	5	<10	240	0.6	<2	0.69	<0.5	15	40	60	4.98	10	<1	0.08	10	0.88	592	2	0.02	26	2190	8	0.02	<2	4	39	0.16	<10	<10	122	<10	125
L28+00N S73+50E	<0.005	0.3	2.36	11	<10	120	0.6	<2	0.64	<0.5	13	54	56	4.61	10	<1	0.06	10	0.84	788	2	0.02	35	1220	10	0.03	<2	4	32	0.15	<10	<10	113	<10	67
L28+00N S73+75E	0.005	0.3	2.27	20	<10	210	0.6	<2	0.69	<0.5	16	53	69	4.52	10	<1	0.08	10	0.91	1000	2	0.03	39	1090	10	0.02	2	4	35	0.13	<10	<10	118	<10	74
L28+00N S74+00E	<0.005	0.2	2.43	14	<10	240	0.6	<2	0.8	<0.5	15	45	57	4.76	10	<1	0.08	10	0.81	871	1	0.02	31	930	7	0.01	<2	4	33	0.17	<10	<10	126	<10	94
L28+00N S74+50E	<0.005	<0.2	2.58	6	<10	190	0.6	<2	0.75	<0.5	14	61	62	4.69	10	<1	0.15	10	1	640	1	0.03	46	1620	9	0.01	<2	5	34	0.17	<10	<10	118	<10	86
L28+00N S74+75E	<0.005	<0.2	3.34	14	10	360	1.4	<2	1.02	1.8	18	16	106	5.5	10	<1	0.08	10	0.98	2290	2	0.02	12	2770	13	0.03	<2	5	62	0.08	<10	<10	120	<10	134
L28+00N S75+00E	<0.005	0.2	3.33	51	10	230	1.7	<2	0.94	7.2	24	20	331	5.93	10	<1	0.1	10	1.14	2060	2	0.02	17	2760	78	0.04	<2	6	116	0.08	<10	<10	125	<10	412
L28+00N S75+25E	<0.005	0.4	2.83	37	10	220	1.2	<2	0.87	4.1	24	24	299	5.59	10	<1	0.09	10	0.83	2070	3	0.02	20	1690	58	0.05	<2	4	40	0.13	<10	<10	125	<10	275
L28+00N S75+50E	<0.005	0.3	2.41	26	<10	150	0.9	<2	0.77	3.7	23	20	266	5.55	10	<1	0.06	10	0.84	1630	3	0.02	17	1370	62	0.03	<2	4	45	0.14	<10	<10	135	10	309
L28+00N S75+75E	0.012	0.2	2.01	109	<10	180	0.7	<2	0.67	1.8	16	23	207	5.23	10	<1	0.08	10	0.73	1065	5	0.02	16	1090	89	0.03	<2	3	39	0.13	<10	<10	121	<10	361
L28+00N S76+00E	<0.005	0.2	2.77	42	<10	150	0.9	<2	0.78	1.1	18	16	444	5.32	10	<1	0.05	10	0.9	1160	3	0.02	16	1260	36	0.03	<2	4	35	0.13	<10	<10	132	<10	148
L28+00N S76+25E	0.012	0.3	2.72	38	10	120	0.9	<2	0.99	2.4	23	16	595	6.25	10	<1	0.06	10	1.02	1100	7	0.02	16	1450	58	0.05	<2	4	38	0.13	<10	<10	150	<10	331
L28+00N S76+50E	<0.005	0.4	1.78	31	80	120	0.7	<2	2.25	0.5	12	28	307	4.2	10	<1	0.08	10	0.78	788	2	0.02	28	1710	10	0.1	2	5	62	0.08	<10	<10	101	<10	88
L28+00N S77+75E	0.006	0.7	2	10	10	140	1.1	<2	1.12	0.7	16	21	337	4.92	10	<1	0.06	30	0.62	1910	4	0.02	14	1000	8	0.05	2	6	37	0.13	<10	<10	129	<10	115
L28+00N S78+25E	<0.005	0.2	2.12	33	10	160	1	<2	1.36	0.6	16	16	124	4.55	10	<1	0.13	10	0.63	2020	7	0.02	21	1450	8	0.08	<2	5	44	0.06	<10	<10	100	<10	93
L28+00N S78+50E	<0.005	0.2	2.65	40	10	180	1.1	<2	1.38	0.6	16	14	141	4.85	10	<1	0.12	20	0.8	2150	5	0.02	12	1660	10	0.06	<2	7	47	0.06	<10	<10	111	<10	102
L28+00N S79+50E	0.006	0.4	2.26	6	10	200	0.9	<2	1.27	2.8	16	31	137	4.17	10	1	0.06	20	0.66	2760	7	0.03	25	1280	11	0.04	<2	3	55	0.09	<10	<10	103	<10	260
L28+00N S79+75E	0.01	0.2	2.52	7	10	140	0.8	<2	1.2	0.5	22	63	107	4.99	10	<1	0.18	10	1.18	895	3	0.03	58	1780	7	0.07	<2	5	49	0.15	<10	<10	113	<10	156
L28+00N S80+00E	0.007	<0.2	2.36	8	10	120	0.7	<2	1.44	0.5	25	59	96	5.03	10	1	0.24	10	1.28	662	1	0.04	57	2040	7	0.08	<2	6	52	0.15	<10	<10	117	<10	115
L28+00N S80+25E	0.005	0.2	2.68	15	10	120	1	<2	1.18	<0.5	28	104	109	5.26	10	<1	0.17	10	1.43	728	1	0.03	81	1850	8	0.08	<2	5	50	0.15	<10	<10	112	<10	151
L28+00N S80+50E	<0.005	0.3	2.95	15	10	120	<0.5	<2	1.55	<0.5	31	43	108	6.87	10	<1	0.08	<10	1.4	1205	<1	0.04	36	2280	8	0.04	<2	6	68	0.11	<10	<10	187	<10	141
L28+00N S80+75E	0.007	<0.2	3.8	27	10	110	0.5	<2	1.59	<0.5	46	73	241	7.5	10	1	0.1	10	1.98	1595	<1	0.05	74	1870	13	0.02	<2	11	75	0.15	<10	<10	192	<10	128
L28+00N S81+00E	0.007	0.2	4.1	17	10	130	<0.5	<2	1.85	<0.5	33	29	172	7.23	10	1	0.09	<10	1.57	1395	<1	0.05	32	2130	<2	0.03	<2	10	88	0.14	<10	<10	211	<10	80
L28+00N S81+25E	<0.005	<0.2	2.96	12	10	110	<0.5	<2	1.92	<0.5	33	63	147	6.26	10	3	0.1	<10	1.74	1060	<1	0.06	59	1720	6	0.03	<2	7	75	0.16	<10	<10	179	<10	85
L28+00N S81+50E	0.006	0.2	3.36	19	10	110	<0.5	<2	2.01	<0.5	37	72	159	5.95	10	<1	0.09	<10	2.06	972	<1	0.07	78	1140	6	0.03	2	8	77	0.17	<10	<10	166	<10	90
L28+00N S81+75E	0.005	<0.2	3.29	20	10	120	<0.5	<2	2.2	<0.5	36	71	166	5.88	10	<1	0.15	<10	2.01	1115	<1	0.07	80	1780	6	0.04	<2	8	78	0.16	<10	<10	162	<10	104
L28+00N S82+00E	0.006	0.2	2.94	23	10	130	<0.5	<2	1.98	<0.5	36	83	145	5.45	10	<1	0.17	<10	2	1150	<1	0.07	83	1620	4	0.04	<2	6	87	0.15	10	<10	141	<10	102
L28+00N S82+25E	0.006	<0.2	3.21	18	10	100	<0.5	<2	2.07	<0.5	37	72	162	6.02	10	1	0.12	<10	1.93	1185	<1	0.07	74	1510	5	0.02	<2	8	85	0.16	<10	<10	157	<10	109
L28+00N S82+50E	0.005	<0.2	2.82	18	10	150	<0.5	<2	2.46	0.7	32	47	173	5.73	10	<1	0.1	<10	1.61	1205	<1	0.06	49	1750	6	0.05	<2	8	91	0.15	<10	<10	148	<10	114
L28+00N S82+75E	<0.005	0.3	3.02	15	10	170	<0.5	3	1.84	0.6	26	46	119	5.13	10	<1	0.09	<10	1.37	1350	2	0.05	42	1220	<2	0.06	<2	4	75	0.12	<10	<10	141	<10	182
L28+00N S83+00E	<0.005	0.2	2.89	13	10	120	<0.5	<2	1.6	<0.5	22	37	113	6.2	10	<1	0.06	<10	1.22	647	1	0.04	32	880	4	0.05	<2	5	70	0.11	<10	<10	173	<10	85
L28+00N S83+25E	0.005	0.5	2.94	14	10	180	<0.5	<2	1.1	0.5	24	34	97	6.23	10	1	0.09	<10	1.26	835	<1	0.04	34	2640	5	0.02	<2	6	56	0.14	<10	<10	175	<10	150
L28+00N S83+50E	<0.005	0.2	3.38	8	<10	100	<0.5	<2	1.08	<0.5	27	34	108	7.01	10	<1	0.08	<10	1.39	566	<1	0.04	37	1750	7	0.02	<2	7	58	0.16	<10	<10	203	<10	151
L28+00N S83+75E	0.006	0.2	3.7	20	<10	110	<0.5	<2	1.01	<0.5	30	62	162	6.35	10	2	0.08	<10	1.76	809	1	0.05	66	760	6	0.02	<2	7	60	0.19	<10	<10	165	<10	110
L28+00N S84+00E	0.005	0.2	3.24	13	10	130	<0.5	<2	1.34	<0.5	28	59	130	6.16	10	1	0.09	<10	1.6	632	1	0.06	59	700	10	0.04	<2	6	67	0.18	<10	<10	171	<10	137
L28+00N S84+25E	0.006	0.5	3.31	13	10	140	<0.5	<2	1.17	<0.5	26	38	110	7.11	10	1	0.15	<10	1.43	940	<1	0.05	40	2550	8	0.02	<2	6	53	0.15	<10	<10	201	<10	157
L28+00N S84+50E	<0.005	<0.2	3.22	12	10	220	<0.5	<2	1.07	0.5	25	27	108	6.96	10	2	0.12	<10	1.19	1170	<1	0.04	28	2690	2	0.03	2	7	56	0.15	<10	<10	193	<10	175
L28+00N S84+75E	<0.005	0.3	3.53	15	10	160	<0.5	<2	1.38	<0.5	25	29	156	6.3	10	<1	0.11	<10	1.23	1055	<1	0.04	35	2710	8	0.04	<2	6	64	0.15	<10	<10	165	<10	104
L28+00N S85+00E	<0.005	<0.2	3.03	4	<10	130	<0.5	<2	0.94	<0.5	19	26	88	6.38	10	1	0.07	<10	1.14	595	<1	0.04	23	1770	<2	0.02	<2	6	49	0.14	<10	<10	186	<10	94
L28+00N S85+25E	<0.005	<0.2	3.41	15	10	140	<0.5	<2	1.04	<0.5	21	22	103	7.09	10	2	0.07	<10	1.11	514	2	0.04	23	1890	6	0.03	2	6	54	0.14	<10	<10	206	<10	83
L28+00N S85+50E	<0.005	0.5	2.82	9	10	180	<0.5	<2	1.07	<0.5	22	26	89	6.41	10	2	0.13	<10	1.08	1035	<1	0.04	24	1920	5	0.03	<2	6	56	0.14	<10	<10	177	<10	122
L28+00N S85+75E	0.005	0.2	3.6	12	<10	140	0.5	<2	0.99	<0.5	24	27	107	6.84	10	<1	0.06	<10	1.1	712	5	0.03	26	1600	3	0.04	<2	7	59	0.15	<10	<10	189	<10	97
L28+00N S87+00E	0.007	0.3	4.05	54	10	180	0.6	<2	1.74	<0.5	45	94	451	6.76	10	<1	0.08	10	2.02	1730	10	0.05	92	1080	10	0.03	3	10	84	0.23	<10	<10	148	<10	135
L28+00N S87+75E	0.01	0.3	3.57	46	10	120	0.5	<2	2.41	<0.5	37	89	329	6.14	10	2	0.08	<10	2.14	881	5	0.06	78	1830	5	0.03	<2	9	130	0.26	<10	<10	140	<10	101
L28+00N S88+00E	0.005	<0.2	3.52	14	10	90	<0.5	<2	0.53	<0.5	13	30	54	5.14	10	2	0.05	<10	0.79	431	<1	0.02	18	2110	8	0.01	<2	5	33	0.2	<10	<10	147	<10	96
L28+00N S88+25E	0.008	0.2	3.47	10	<10	90	0.5	<2	0.5	<0.5	13	34	45	5.67	10	1	0.04	10	0.68	486	1	0.02	20	2380	5	0.02	<2	4	27	0.32	<10	<10	140	<10	121
L28+00N S88+50E	0.01	0.5	3.07	59	10	110	0.5	<2	2.56	<0.5	44	84	527	5.91	10	<1	0.11	<10	1.91	1100	2	0.05	86	1830	9	0.07	6	8	100	0.21	<10	<10	138	<10	110
L28+00N S88+75E	0.008	0.4	3.49	50	10	120	0.6	<2	2.08	0.5	38	88	425	6.01	10	1	0.07	<10	1.96	1145	10	0.05	81	1180	9	0.05	3	9	92	0.22	<10	<10	140	<10	113
L28+00N S89+25E	0.005	0.3	2.31	6	10	70	<0.5	<2	1.4	<0.5	14	23	71	3.53	10	<1	0.05	<10	0.74	709	3	0.02	16	850	3	0.05	<2	3	44	0.14	<10	<10	103	<10	71
L29+00N S70+00E	<0.005	<0.2	2.78	8	10	290	0.7	<2	0.68	<0.5	16	26	57	4.93	10	<1	0.11	<10	0.73	1405	<1	0.02	21	2280	5	0.02	<2	4	42	0.13	<10	<10	114	<10	112
L29+00N S70+25E	<0.005	<0.2	2.82	11	10	280	0.7	<2	0.67	<0.5	15	25	57	4.89	10	1	0.11	10	0.74	1350	1	0.02	21	2190	6	0.02	<2	4	41	0.13	<10	<10	111	<10	113
L29+00N S70+50E	<0.005	<0.2	2.87	6	<10	190	0.7	<2	0.54	<0.5	15	25	58	5.01	10	<1	0.09	10	0.72	1090	1	0.02	19	1920	3	0.01	<2	4	31	0.13	<10	<10	118	<10	112
L29+00N S70+75E	0.011	<0.2	2.96	7	10	190	0.7	<2	0.55	<0.5	15	25	62	5.03	10	<1	0.09	10	0.73	963	1	0.02	21	1850	3	0.01	<2	5	31	0.13	<10	<10	120	<10	116
L29+00N S71+00E	<0.005	<0.2	3.07	7	<10	220	0.7	<2	0.58	<0.5	16	26	63	5.07	10	1	0.1	10	0.76	1030	1	0.02	23	1930	4	0.01	<2	5	33	0.13	<10	<10	120	<10	122
L29+00N S71+25E	<0.005	<0.2	2.72	6	<10	220	0.7	<2	0.62	<0.5	15	24	56	5.2	10	<1	0.09	10	0.71	1100	<1	0.02	20	2020	10	0.01	<2	4	35	0.12	<10	<10	126	<10	111
L29+00N S71+50E	<0.005	0.3	2.73	7	10	350	0.7	<2	0.73	1.1	17	22	58	5.28	10	<1	0.13	10	0.65	1850	1	0.02	20	2660	7	0.02	<2	5	43	0.14	<10	<10	113	<10	170
L29+00N S72+00E	<0.005	<0.2	2.47	5	<10	180	0.5	<2	0.57	<0.5	14	26	59	4.45	10	1	0.06	<10	0.74	599	2	0.02	20	1400	6	0.01	<2	4	27	0.12	<10	<10	113	<10	80
L29+00N S72+25E	0.006	0.2	2.39	11	10	300	0.7	<2	0.76	<0.5	14	17	70	5.05	10	<1	0.16	10	0.69	1610	2	0.01	15	1900	9	0.02	<2	4	40	0.1	<10	<10	118	<10	101
L29+00N S72+50E	<0.005	<0.2	2.09	5	10	350	0.6	<2	0.93	0.6	14	21	44	4.64	10	1	0.15	10	0.62	1325	1	0.02	18	1330	9	0.02	2	3	37	0.15	<10	<10	116	<10	99
L29+00N S72+75E	<0.005	0.4	2.05	8	10	850	0.6	<2	1.09	2.6	19	30	52	4.04	10	<1	0.17	10	0.57	6020	2	0.02	27	3010	12	0.03	<2	3	44	0.12	<10	<10	82	<10	205
L29+00N S73+00E	<0.005	<0.2	2.57	8	<10	140	0.6	<2	0.59	<0.5	16	65	65	4.84	10	1	0.1	10	1.05	590	1	0.02	44	1180	6	0.01	<2	4	28	0.16	<10	<10	120	<10	107
L29+00N S74+25E	<0.005	0.2	2.78	13	10	430	1.4	<2	1.45	0.9	20	28	86	5.17	10	1	0.18	10	0.93	2550	2	0.02	20	1910	16	0.07	3	5	61	0.13	<10	<10	109	<10	147
L29+00N S74+50E	<0.005	0.4	2.81	10	10	330	1.5	<2	1.22	<0.5	17	15	80	4.79	10	1	0.14	10	0.85	2260	3	0.01	13	1640	12	0.03	2	5	81	0.04	<10	<10	100	<10	107
L29+00N S74+75E	<0.005	0.2	3.31	9	10	260	1.2	<2	0.96	<0.5	17	20	75	4.96	20	1	0.12	10	0.85	1685	2	0.01	17	2320	14	0.03	<2	4	45	0.11	<10	<10	106	<10	120
L29+00N S75+25E	<0.005	0.3	2.46	13	<10	160	0.8	<2	0.49	<0.5	15	26	68	5.01	10	1	0.08	10	0.78	1040	2	0.01	23	1240	9	0.01	<2	3	26	0.13	<10	<10	119	<10	97
L29+00N S75+50E	0.006	0.5	2.76	19	10	560	1.1	<2	1.54	12.5	25	25	356	5.11	10	<1	0.19	10	0.91	2290	3	0.01	33	1760	24	0.03	<2	4	55	0.08	<10	<10	98	<10	290
L29+00N S75+75E	0.011	0.3	2.22	21	10	210	0.9	<2	1	2.6	23	40	214	5.58	10	<1	0.11	10	1.24	1195	3	0.02	47	1480	29	0.04	<2	4	39	0.14	<10	<10	130	<10	264
L29+00N S76+00E	<0.005	0.2	2.25	13	10	220	0.8	<2	0.79	1.1	21	36	198	5.34	10	1	0.09	10	1.14	1415	3	0.02	47	1140	18	0.03	<2	4	36	0.15	<10	<10	132	<10	146
L29+00N S76+25E	<0.005	0.6	2.1	22	10	290	1	<2	1.67	0.7	22	18	171	6.12	10	1	0.28	10	0.61	2410	7	0.01	27	1520	6	0.07	3	6	46	0.08	<10	<10	120	<10	90
L29+00N S77+00E	<0.005	0.2	2.28	9	10	320	0.9	<2	1.48	0.5	20	15	84	4.95	10	2	0.26	10	0.8	2790	8	0.01	12	2570	9	0.12	<2	3	46	0.04	<10	<10	104	<10	104
L29+00N S77+25E	<0.005	0.2	2.29	5	10	270	1	<2	1.21	1.5	20	43	89	5.16	10	<1	0.17	10	0.97	2250	2	0.02	37	2510	9	0.05	<2	3	40	0.06	<10	<10	114	<10	220
L29+00N S77+50E	<0.005	0.2	1.92	14	10	290	0.8	<2	1.14	0.9	21	19	93	4.92	10	1	0.11	10	0.67	2810	5	0.02	18	1150	11	0.04	<2	3	37	0.11	<10	<10	114	<10	116
L29+00N S77+75E	0.014	0.5	2.39	42	10	150	1.3	<2	1.36	<0.5	25	34	125	6.95	10	2	0.14	20	0.9	1765	10	0.01	89	1370	5	0.03	2	15	46	0.04	<10	<10	136	<10	92
L29+00N S78+50E	<0.005	0.3	2.73	23	10	280	0.8	<2	1.13	1.1	26	27	114	5.93	10	1	0.12	10	0.85	2140	3	0.02	25	2790	15	0.04	<2	4	39	0.09	<10	<10	130	<10	236
L29+00N S78+75E	<0.005	0.3	2.49	25	10	330	0.8	<2	1.31	1.5	26	27	112	5.57	10	1	0.13	10	0.78	2610	3	0.02	26	2940	15	0.04	<2	4	45	0.09	<10	<10	122	<10	250
L29+00N S79+25E	0.005	0.2	1.58	4	<10	160	0.5	<2	0.63	<0.5	11	25	47	4.84	10	1	0.1	10	0.55	843	4	0.02	18	1110	6	0.02	<2	2	30	0.12	<10	<10	122	<10	92
L29+00N S79+50E	<0.005	0.2	1.51	5	<10	290	<0.5	<2	0.96	1.1	17	36	51	4.19	10	1	0.12	10	0.6	1530	4	0.02	26	980	7	0.03	<2	3	40	0.11	<10	<10	108	<10	149
L29+00N S80+25E	0.005	<0.2	2.86	10	10	160	1	<2	1.67	<0.5	29	59	123	6.25	10	<1	0.27	10	1.5	781	1	0.04	54	2430	4	0.09	<2	7	64	0.19	<10	<10	132	<10	145
L29+00N S80+50E	0.013	0.2	3.15	19	10	140	0.5	<2	2.34	<0.5	37	65	212	6.43	10	<1	0.11	10	2.04	1260	<1	0.07	70	1760	8	0.03	<2	10	91	0.2	<10	<10	172	<10	99
L29+00N S80+75E	0.009	0.3	2.9	16	10	100	0.5	<2	2.04	<0.5	34	81	165	5.49	10	1	0.12	10	2.09	1035	1	0.08	83	1660	6	0.04	<2	7	80	0.16	<10	<10	151	<10	97
L29+00N S81+00E	0.005	0.2	3.11	20	10	140	0.5	<2	2.8	<0.5	32	49	201	6.88	10	1	0.09	10	1.93	1285	1	0.06	51	1980	7	0.03	<2	10	90	0.2	<10	<10	188	<10	100
L29+00N S81+25E	<0.005	0.2	3.06	18	10	120	0.5	<2	1.98	<0.5	36	58	185	6.48	10	2	0.13	10	1.74	1250	<1	0.06	56	1690	6	0.04	<2	9	85	0.16	<10	<10	180	<10	87
L29+00N S81+50E	<0.005	0.2	2.75	15	10	130	<0.5	<2	2.16	<0.5	30	49	173	6.19	10	1	0.09	10	1.71	1015	<1	0.06	52	1840	9	0.03	2	8	90	0.16	<10	<10	170	<10	82
L29+00N S81+75E	0.006	0.2	2.51	15	10	130	<0.5	<2	1.9	<0.5	30	43	177	5.95	10	<1	0.1	10	1.52	993	<1	0.05	47	1940	6	0.03	<2	7	88	0.14	<10	<10	160	<10	80

SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L29+00N S82+00E	0.005	0.2	2.77	9	10	140	0.5	<2	2.05	<0.5	32	48	194	5.9	10	1	0.12	10	1.68	1135	1	0.05	52	1770	5	0.03	<2	8	91	0.16	<10	<10	156	<10	89
L29+00N S82+25E	<0.005	0.2	2.92	15	10	90	<0.5	<2	1.12	<0.5	25	40	102	6.78	10	<1	0.08	<10	1.48	559	1	0.05	41	2180	7	0.03	2	6	49	0.15	<10	<10	193	<10	172
L29+00N S82+50E	<0.005	0.2	2.85	12	10	180	<0.5	<2	1.27	0.7	28	37	127	6.48	10	1	0.15	<10	1.33	1275	1	0.04	36	2360	5	0.02	2	5	54	0.12	<10	<10	177	<10	250
L29+00N S82+75E	<0.005	0.2	3.04	17	10	90	<0.5	<2	1.34	<0.5	25	35	146	7.15	10	2	0.1	10	1.47	584	1	0.05	40	2150	5	0.02	<2	7	59	0.16	<10	<10	214	<10	98
L29+00N S83+00E	<0.005	0.3	2.92	11	<10	90	<0.5	<2	1.02	<0.5	22	54	124	6.2	10	1	0.1	<10	1.55	572	1	0.06	49	2530	4	0.02	<2	6	47	0.15	<10	<10	172	<10	171
L29+00N S83+25E	<0.005	<0.2	3.55	15	<10	90	<0.5	<2	1.28	<0.5	24	39	120	6.99	10	2	0.05	10	1.55	547	1	0.05	44	2160	4	0.02	<2	7	59	0.16	<10	<10	210	<10	102
L29+00N S83+50E	<0.005	0.4	3.03	7	<10	130	0.5	<2	1	0.5	27	34	105	6.47	10	1	0.09	<10	1.29	1360	1	0.04	35	2330	11	0.02	<2	5	47	0.14	<10	<10	184	<10	237
L29+00N S83+75E	<0.005	0.2	3.74	15	10	110	0.5	<2	1.13	<0.5	28	34	132	6.9	10	1	0.07	10	1.51	930	1	0.04	40	1880	5	0.02	<2	7	56	0.16	<10	<10	193	<10	110
L29+00N S84+00E	<0.005	0.2	3.44	17	<10	100	<0.5	<2	1.23	<0.5	23	32	121	7.33	10	1	0.1	10	1.42	539	1	0.04	34	2100	3	0.03	<2	6	57	0.15	<10	<10	218	<10	109
L29+00N S84+25E	<0.005	<0.2	2.44	5	10	260	<0.5	<2	1.18	<0.5	23	27	79	6.76	10	1	0.1	<10	1.11	2630	2	0.04	27	2060	6	0.03	<2	4	55	0.12	<10	<10	202	<10	147
L29+00N S84+50E	<0.005	0.6	2.77	13	10	250	<0.5	<2	1.11	<0.5	25	29	87	7.82	10	<1	0.09	<10	1.08	1515	5	0.04	27	2060	7	0.03	3	6	56	0.15	<10	<10	226	<10	171
L29+00N S84+75E	<0.005	0.2	2.11	6	<10	160	<0.5	<2	0.63	<0.5	16	14	72	5.34	10	1	0.07	<10	0.54	788	11	0.02	9	480	4	0.01	<2	3	32	0.14	<10	<10	178	<10	67
L29+00N S85+00E	<0.005	0.2	3.09	8	10	140	<0.5	<2	1.16	<0.5	16	18	82	4.59	10	<1	0.06	<10	0.93	460	8	0.03	19	620	4	0.02	2	5	49	0.16	<10	<10	130	<10	54
L29+00N S87+00E	0.028	<0.2	3.03	48	10	70	0.5	<2	2.04	<0.5	32	87	264	5.75	10	2	0.12	10	2.19	728	2	0.06	80	1690	10	0.02	4	7	90	0.24	<10	<10	138	<10	139
L29+00N S87+25E	0.005	0.2	2.89	47	10	70	0.5	<2	1.99	<0.5	29	82	271	5.38	10	<1	0.09	10	1.97	651	3	0.05	77	1530	8	0.03	5	7	95	0.23	<10	<10	131	<10	114
L29+00N S87+75E	0.009	0.3	3.23	48	10	100	0.7	<2	2.33	<0.5	53	121	619	6.19	10	<1	0.14	10	2.3	1135	2	0.05	116	1970	11	0.04	3	9	131	0.24	<10	<10	140	<10	115
L29+00N S88+00E	0.014	0.2	2.79	46	10	100	0.6	<2	2.11	<0.5	34	77	353	6.04	10	1	0.11	10	1.88	923	2	0.05	72	1790	8	0.03	5	7	103	0.22	<10	<10	148	<10	115
L29+00N S88+25E	0.012	0.3	3.11	68	10	100	0.6	<2	2.12	<0.5	41	88	490	6.31	10	2	0.13	10	2.17	1055	2	0.06	91	1770	11	0.02	6	9	96	0.23	<10	<10	152	<10	116
L29+00N S88+50E	0.011	0.4	3.29	63	10	100	0.7	<2	2.16	<0.5	47	108	653	6.36	10	1	0.14	10	2.27	1235	2	0.06	100	1780	12	0.02	4	9	122	0.26	<10	<10	147	<10	130
L29+00N S88+75E	<0.005	<0.2	3.53	59	<10	90	0.7	<2	1.47	<0.5	40	97	297	6.68	10	<1	0.08	10	2.21	973	7	0.05	83	850	7	0.02	4	7	82	0.27	10	<10	163	<10	118
L29+00N S89+25E	0.005	<0.2	3.03	56	<10	120	0.6	<2	1.51	<0.5	35	87	316	5.84	10	1	0.09	10	2.04	915	5	0.06	84	1290	6	0.02	5	7	69	0.24	<10	<10	143	<10	148
L29+00N S89+50E	<0.005	0.2	2.39	8	<10	70	<0.5	<2	0.79	<0.5	12	28	63	4.73	10	1	0.04	<10	0.78	384	1	0.03	18	1910	2	0.02	3	3	32	0.14	<10	<10	146	<10	67
L29+00N S89+75E	<0.005	0.2	2.58	33	<10	110	0.5	<2	1.38	<0.5	29	66	202	5.16	10	2	0.12	<10	1.68	1005	4	0.04	61	1160	5	0.06	3	4	64	0.17	<10	<10	134	<10	133
L30+00N S70+50E	<0.005	0.2	2.68	10	<10	270	0.9	<2	0.52	<0.5	14	27	73	4.91	10	<1	0.1	10	0.74	1180	3	0.02	22	1950	10	0.01	2	4	40	0.14	<10	<10	103	<10	127
L30+00N S71+00E	0.008	<0.2	2.62	9	<10	270	0.9	<2	0.49	<0.5	14	27	71	4.84	10	<1	0.1	10	0.72	1180	3	0.02	19	1920	10	0.01	2	4	40	0.13	<10	<10	100	<10	125
L30+00N S71+25E	<0.005	0.2	2.39	10	<10	200	0.8	<2	0.53	0.5	14	24	83	4.36	10	<1	0.08	10	0.71	1030	3	0.01	20	1760	13	0.01	<2	3	39	0.12	<10	<10	95	<10	107
L30+00N S71+50E	0.013	0.3	2.42	6	10	640	1	<2	1.04	0.5	19	34	107	4.46	10	<1	0.11	10	0.83	2790	3	0.02	29	2020	8	0.05	2	3	46	0.11	<10	<10	92	<10	97
L30+00N S72+00E	0.006	<0.2	3.04	11	10	350	1	<2	0.68	<0.5	18	36	84	5.21	10	1	0.11	10	0.85	1675	2	0.02	29	1820	15	0.02	2	4	51	0.2	<10	<10	115	<10	117
L30+00N S72+25E	0.008	0.2	2.8	8	10	560	1	<2	0.87	<0.5	18	17	73	5.6	10	<1	0.19	10	0.78	1955	2	0.01	14	2060	29	0.02	2	6	37	0.09	<10	<10	114	<10	126
L30+00N S73+50E	0.01	0.3	1.58	25	30	670	0.8	<2	2.57	3.3	20	32	92	3.48	10	<1	0.22	10	0.7	2970	3	0.02	30	3270	14	0.15	<2	1	51	0.04	<10	<10	68	<10	233
L30+00N S73+75E	0.005	0.4	3.37	162	560	840	1.6	<2	2.51	2.9	37	36	149	6.61	10	1	0.11	10	2.01	2400	3	0.02	45	2050	102	0.11	<2	10	43	0.18	<10	<10	168	<10	469
L30+00N S74+00E	0.005	0.2	3.47	44	20	330	1.5	<2	0.96	<0.5	26	25	108	6.75	10	1	0.08	10	1.52	2850	5	0.01	23	1540	9	0.05	<2	11	31	0.11	10	<10	176	<10	127
L30+00N S74+25E	<0.005	0.2	2.68	25	10	300	0.8	<2	0.73	<0.5	18	37	67	5.75	10	1	0.11	10	0.87	2210	4	0.02	27	2680	11	0.03	<2	4	33	0.13	<10	<10	136	<10	162
L30+00N S74+50E	<0.005	<0.2	2.75	32	10	290	0.9	<2	0.93	<0.5	23	44	74	6.58	10	1	0.12	10	1.08	1995	4	0.02	30	2260	14	0.03	<2	6	32	0.11	<10	<10	148	<10	149
L30+00N S75+50E	<0.005	0.3	2.02	20	10	380	0.6	<2	1.76	3.5	25	39	121	4.71	10	<1	0.24	10	0.9	1940	3	0.02	35	2860	8	0.09	<2	3	42	0.1	<10	<10	99	<10	228
L30+00N S75+75E	<0.005	0.5	1.46	58	10	400	0.5	<2	1.79	5.6	26	132	118	3.58	10	2	0.45	10	1.16	1895	3	0.02	94	1260	9	0.1	5	3	50	0.11	<10	<10	71	<10	376
L30+00N S76+00E	<0.005	0.7	1.63	76	20	500	0.6	<2	2.21	2.2	23	122	96	3.6	10	1	0.37	10	1.21	1045	2	0.02	97	1880	10	0.15	4	2	67	0.08	<10	<10	70	<10	164
L30+00N S77+25E	<0.005	0.4	2.6	77	10	330	0.7	<2	1.31	1	25	74	120	5.13	10	1	0.23	10	1.08	1640	5	0.02	55	2580	14	0.08	<2	4	39	0.1	<10	<10	122	<10	194
L30+00N S77+75E	<0.005	0.2	3.46	57	10	400	0.7	<2	1.29	0.6	23	27	115	5.65	10	2	0.14	10	0.94	1915	2	0.02	23	2730	11	0.04	2	5	50	0.11	<10	<10	136	<10	190
L30+00N S78+00E	<0.005	0.2	3.27	34	10	230	0.7	<2	1.19	0.9	20	29	105	5.88	10	1	0.13	10	0.99	757	4	0.02	27	1000	13	0.03	2	5	47	0.17	<10	<10	152	<10	136
L30+00N S78+25E	<0.005	0.4	3.02	23	10	160	0.8	<2	0.9	<0.5	17	50	120	4.99	10	1	0.13	10	1.02	568	2	0.02	46	1230	10	0.02	<2	5	37	0.18	<10	<10	127	<10	90
L30+00N S78+50E	<0.005	0.2	3.04	11	10	250	0.7	<2	0.9	<0.5	22	72	69	5.07	10	2	0.13	10	1.16	1015	2	0.03	59	1810	10	0.02	<2	5	41	0.17	<10	<10	122	<10	135
L30+00N S78+75E	0.075	0.6	2.56	7	10	170	0.7	<2	0.79	<0.5	18	64	64	4.9	10	<1	0.11	10	1.03	672	1	0.03	53	1470	9	0.02	2	4	34	0.16	<10	<10	122	<10	105
L30+00N S79+00E	<0.005	<0.2	2.43	10	10	280	0.7	<2	0.88	0.6	24	59	64	4.84	10	1	0.12	10	0.93	1380	1	0.03	45	2530	11	0.01	2	4	41	0.16	10	<10	112	<10	159
L30+00N S79+25E	<0.005	<0.2	2.23	13	<10	170	0.6	<2	0.6	<0.5	14	32	70	5.18	10	<1	0.07	10	0.72	686	<1	0.02	23	900	11	0.02	<2	4	24	0.12	<10	<10	128	<10	73
L30+00N S79+50E	0.006	0.5	3.67	19	<10	120	1	<2	0.98	0.5	32	25	469	6.56	10	1	0.15	10	0.97	1920	4	0.02	26	1690	13	0.03	<2	6	60	0.13	<10	<10	137	<10	171
L30+00N S79+75E	<0.005	<0.2	3.12	11	<10	140	0.9	<2	1	<0.5	17	17	142	4.7	10	1	0.12	10	0.85	1080	1	0.01	14	2330	5	0.03	<2	4	72	0.13	<10	<10	100	<10	105
L30+00N S80+00E	<0.005	0.4	2.56	7	<10	80	0.6	<2	0.75	<0.5	14	21	80	4.87	10	<1	0.1	<10	0.69	574	1	0.02	20	1050	4	0.03	<2	3	41	0.15	<10	<10	115	<10	96
L30+00N S80+25E	<0.005	0.2	2.71	14	10	120	0.9	<2	1.14	<0.5	31	110	123	5.7	10	1	0.15	10	1.52	680	<1	0.04	94	1580	6	0.1	<2	6	51	0.17	<10	<10	103	<10	134
L30+00N S80+50E	<0.005	<0.2	2.63	16	10	170	0.8	<2	1.4	<0.5	29	112	103	5.54	10	1	0.16	10	1.47	742	<1	0.03	82	1850	9	0.1	<2	5	58	0.15	<10	<10	113	<10	123
L30+00N S80+75E	0.005	0.3	3.27	24	10	150	<0.5	<2	2.24	<0.5	39	63	226	6.61	10	2	0.16	<10	1.92	1300	<1	0.06	68	1890	9	0.03	<2	10	93	0.17	<10	<10	168	<10	101
L30+00N S81+00E	0.015	1.4	2.03	30	10	30	0.6	<2	2.63	<0.5	94	2	1045	9.64	10	1	0.1	10	0.13	316	<1	0.1	31	4380	3	3.48	<2	3	65	0.35	<10	<10	93	<10	79
L30+00N S81+25E	0.005	0.2	2.72	6	<10	210	<0.5	<2	1.18	<0.5	26	19	118	4.74	10	<1	0.12	<10	0.87	1160	<1	0.03	19	2760	7	0.06	<2	3	67	0.07	<10	<10	119	<10	114
L30+00N S81+50E	<0.005	0.2	2.55	13	<10	170	<0.5	<2	1.4	1	29	26	104	6.5	10	1	0.11	<10	1.12	1185	<1	0.04	27	1950	6	0.03	<2	4	68	0.11	<10	<10	186	<10	235
L30+00N S81+75E	<0.005	<0.2	3.38	17	10	100	0.5	<2	1.19	<0.5	28	40	156	6.61	10	2	0.11	<10	1.49	633	<1	0.04	46	2040	7	0.02	<2	7	56	0.16	<10	<10	173	<10	103
L30+00N S82+75E	<0.005	<0.2	2.52	8	<10	260	0.6	<2	0.67	<0.5	20	27	49	5.29	10	<1	0.09	<10	0.79	1210	1	0.02	20	1600	3	0.01	<2	4	32	0.22	<10	<10	128	<10	120
L30+00N S83+00E	0.005	<0.2	2.11	6	<10	230	0.5	<2	0.51	0.5	15	19	43	5.14	10	2	0.11	<10	0.59	869	1	0.02	14	600	9	0.01	2	3	23	0.23	<10	<10	130	<10	75
L30+00N S83+25E	<0.005	<0.2	2.8	<2	10	200	0.6	2	0.55	<0.5	14	12	43	4.25	10	1	0.13	<10	0.64	637	1	0.02	13	640	<2	0.01	<2	3	25	0.07	<10	<10	96	<10	55
L30+00N S83+75E	0.008	<0.2	2.08	9	<10	130	<0.5	<2	0.64	0.5	20	17	76	5.71	20	1	0.1	<10	0.59	560	4	0.02	9	790	6	0.01	<2	3	37	0.25	<10	<10	137	<10	64
L30+00N S84+00E	0.008	<0.2	2.29	21	<10	90	0.5	<2	0.55	<0.5	15	12	143	5.03	10	1	0.08	<10	0.64	457	4	0.02	7	460	7	0.01	<2	3	29	0.21	<10	<10	130	<10	58
L30+00N S84+25E	<0.005	<0.2	3.04	8	<10	80	0.7	<2	0.56	<0.5	18	13	56	4.94	10	1	0.08	10	0.74	448	1	0.02	15	1180	4	0.01	<2	4	24	0.21	<10	<10	114	<10	92
L30+00N S84+50E	<0.005	<0.2	2.24	7	<10	130	<0.5	<2	0.52	<0.5	14	55	46	5.15	10	<1	0.09	<10	0.92	419	2	0.03	30	800	3	0.01	<2	5	27	0.21	<10	<10	126	<10	93
L30+00N S84+75E	<0.005	<0.2	2.21	6	<10	120	0.5	<2	0.53	<0.5	15	22	50	5.3	10	1	0.06	<10	0.51	536	10	0.02	14	450	6	0.01	<2	3	22	0.17	<10	<10	136	<10	76
L30+00N S85+00E	<0.005	0.6	1.84	30	10	180	0.5	<2	2.92	0.5	14	21	287	2.94	10	<1	0.06	<10	0.51	1695	15	0.03	10	2080	8	0.19	<2	2	84	0.04	<10	<10	113	<10	43
L30+00N S85+25E	NSS	<0.2	0.34	10	40	130	<0.5	<2	4.8	<0.5	3	11	147	0.49	<10	<1	0.07	10	0.21	317	7	0.04	5	1640	4	0.4	5	<1	104	0.01	<10	50	22	<10	13
L30+00N S85+50E	<0.005	<0.2	4.47	73	<10	120	0.6	<2	1.24	<0.5	46	104	351	8.67	20	<1	0.1	<10	2.47	780	12	0.04	87	390	16	0.02	4	9	76	0.33	10	<10	187	<10	224
L30+00N S85+75E	0.009	<0.2	2.99	45	10	160	<0.5	<2	1.74	0.5	36	72	262	6.38	10	1	0.21	<10	1.91	1160	1	0.05	75	1010	4	0.03	<2	6	78	0.22	<10	<10	148	<10	126
L30+00N S86+25E	0.011	0.3	3.53	44	10	100	0.6	<2	2.51	<0.5	45	75	396	7.15	10	1	0.13	<10	2.1	1100	2	0.06	70	2420	9	0.04	<2	8	116	0.24	<10	<10	159	<10	140
L30+00N S86+50E	0.006	0.2	3.21	78	<10	120	0.6	<2	2.03	<0.5	43	97	302	6.46	10	<1	0.16	<10	1.99	1210	<1	0.05	92	2040	8	0.02	5	9	114	0.22	<10	<10	142	<10	131
L30+00N S86+75E	0.005	0.2	3.23	30	10	120	0.5	<2	2.44	1.6	45	84	261	6.06	10	<1	0.2	<10	2.01	1060	2	0.05	83	2520	3	0.04	<2	7	102	0.22	<10	<10	137	<10	277
L30+00N S87+00E	0.006	0.4	3.32	48	10	110	0.5	<2	2.17	<0.5	41	76	406	6.87	10	<1	0.13	<10	1.9	1015	1	0.04	70	2090	6	0.03	2	8	116	0.24	<10	<10	164	<10	117
L30+00N S87+25E	0.01	0.5	3.6	59	10	120	0.6	<2	2.54	<0.5	57	122	686	6.79	10	1	0.16	<10	2.25	1300	1	0.05	121	2020	7	0.04	4	9	131	0.24	<10	<10	149	<10	119
L30+00N S87+50E	0.01	0.4	3.47	66	10	120	0.6	<2	2.09	<0.5	44	92	541	6.37	10	1	0.15	<10	2.15	1210	<1	0.05	97	1780	7	0.03	14	10	97	0.23	10	<10	145	<10	113
L30+00N S87+75E	0.01	0.3	3.26	72	10	110	0.5	<2	2.12	<0.5	40	91	487	6.26	10	1	0.13	<10	2.06	1150	1	0.06	94	1790	6	0.02	5	9	100	0.22	<10	<10	143	<10	112
L30+00N S88+00E	0.017	0.3	3.39	49	10	110	0.6	<2	2.17	<0.5	44	83	468	6.74	10	2	0.15	10	2.02	1085	1	0.05	80	1940	4	0.04	4	8	115	0.24	<10	<10	155	<10	107
L30+00N S88+25E	0.012	0.4	3.38	69	10	120	0.6	<2	2.36	<0.5	45	90	517	6.7	10	<1	0.14	10	2.02	1195	1	0.06	92	1890	8	0.03	6	9	111	0.24	10	<10	149	<10	116
L30+00N S88+50E	<0.005	0.4	3.53	57	10	110	0.6	<2	1.93	0.8	44	77	508	6.32	10	<1	0.07	10	2.08	1350	13	0.05	80	1570	6	0.03	3	8	94	0.24	<10	<10	139	<10	159
L30+00N S88+75E	0.005	0.5	2.75	44	<10	90	0.5	<2	2.01	1.7	50	72	442	5.37	10	<1	0.1	10	1.66	1460	9	0.04	73	1410	11	0.06	<2	6	88	0.21	<10	<10	135	<10	142
L30+00N S89+00E	0.006	0.3	3.51	25	10	120	0.6	<2	1.68	0.6	35	52	281	5.56	10	1	0.09	<10	1.6	1250	1	0.04	48	1410	8	0.06	<2	7	95	0.18	<10	<10	148	<10	142
L30+00N S89+25E	0.005	<0.2	2.78	13	10	140	<0.5	<2	1.56	<0.5	38	76	209	6.07	10	1	0.18	<10	2.2	808	2	0.04	63	1330	5	0.05	<2	9	83	0.23	<10	<10	150	<10	86
L30+00N S89+50E	0.006	<0.2	2.68	13	10	130	<0.5	<2	1.31	<0.5	35	67	211	6.67	10	1	0.22	<10	2.17	665	3	0.04	58	1370	<2	0.03	<2	11	73	0.26	<10	<10	169	<10	75
L30+00N S89+75E	<0.005	<0.2	1.93	8	<10	120	<0.5	<2	0.77	0.9	15	33	40	5.33	10	<1	0.08	<10	0.72	545	1	0.02	20	1540	12	0.03	<2	4	33	0.26	<10	<10	136	<10	185
L30+00N S90+00E	0.005	0.2	2.85	14	10	120	<0.5	<2	1.32	0.7	36	85	184	5.84	10	<1	0.29	<10	2.34	737	<1	0.05	74	1330	<2	0.03	<2	9	69	0.24	<10	<10	154	<10	90

VA05081237 - Finalized
CLIENT : "UNEXMA - United Exploration Management Inc."
# of SAMPLES : 215
DATE RECEIVED : 2005-09-22 DATE FINALIZED : 2005-10-04
PROJECT : "RHG"
CERTIFICATE COMMENTS : "NSS is non-sufficient sample."
PO NUMBER : " "

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L25+00N 70+00E	0.005	<0.2	2.15	9	<10	330	<0.5	<2	1.09	<0.5	17	68	72	5.74	10	<1	0.08	10	1.17	1195	1	0.03	39	1550	6	0.02	<2	5	49	0.15	10	<10	158	<10	127
L25+00N 70+25E	<0.005	<0.2	2.39	16	<10	150	<0.5	<2	1.05	<0.5	20	48	94	5.49	10	1	0.07	10	1.13	762	1	0.02	31	1590	4	0.04	<2	6	47	0.15	<10	<10	140	<10	98
L25+00N 70+50E	NSS	<0.2	2.17	16	<10	120	0.5	<2	0.79	<0.5	21	106	78	5.37	10	<1	0.09	<10	1.35	857	1	0.03	62	1590	6	0.04	<2	5	31	0.15	<10	<10	145	<10	101
L25+00N 70+75E	0.015	0.3	1.79	21	<10	130	<0.5	<2	1.1	<0.5	17	88	76	5.86	10	<1	0.12	10	1.16	1025	2	0.03	53	1500	6	0.06	<2	4	37	0.12	<10	<10	169	<10	67
L25+00N 71+00E	<0.005	0.2	2	18	<10	110	0.5	<2	1.03	<0.5	19	100	96	5.16	10	<1	0.12	10	1.29	860	1	0.03	60	1540	5	0.05	<2	6	36	0.12	<10	<10	131	<10	76
L25+00N 71+25E	NSS	0.2	1.62	12	<10	110	<0.5	<2	1.12	<0.5	17	60	91	5.94	10	<1	0.12	10	0.91	790	2	0.02	36	1960	3	0.05	<2	5	37	0.1	<10	<10	166	<10	67
L25+00N 71+50E	<0.005	<0.2	1.72	16	<10	80	<0.5	<2	0.94	<0.5	13	87	71	5.63	10	<1	0.07	10	1.14	554	2	0.03	45	1380	4	0.04	<2	5	33	0.14	<10	<10	162	<10	66
L25+00N 71+75E	0.005	<0.2	1.1	2	<10	110	<0.5	<2	0.46	<0.5	5	16	18	3.13	10	1	0.04	<10	0.24	346	5	0.01	6	410	7	0.04	<2	2	22	0.16	<10	<10	118	<10	67
L25+00N 72+00E	0.007	0.3	0.6	7	30	100	0.5	<2	4.72	<0.5	3	9	174	0.86	<10	1	0.04	20	0.23	629	6	0.01	6	1470	<2	0.27	<2	1	126	0.01	<10	20	19	<10	15
L25+00N 72+25E	<0.005	0.3	2.28	4	10	130	0.9	<2	2.02	<0.5	9	21	162	3.05	10	<1	0.06	20	0.51	777	6	0.02	13	1260	10	0.08	<2	6	71	0.13	<10	10	72	<10	103
L25+00N 72+50E	<0.005	0.4	2.44	9	<10	120	1.2	<2	0.61	0.5	19	26	83	5.11	10	1	0.06	10	0.42	1950	17	0.01	14	680	15	0.04	<2	4	29	0.15	<10	<10	151	<10	163
L25+00N 72+75E	<0.005	0.2	1.89	9	<10	60	<0.5	<2	0.53	<0.5	10	20	45	4.85	10	1	0.06	<10	0.59	418	1	0.01	12	1640	3	0.04	<2	3	19	0.08	<10	<10	139	<10	61
L25+00N 73+00E	0.006	0.2	1.09	<2	<10	100	<0.5	<2	0.48	<0.5	3	15	16	2.09	10	1	0.05	10	0.23	182	4	0.01	5	440	16	0.04	<2	2	23	0.29	<10	<10	71	<10	48
L25+00N 73+25E	<0.005	<0.2	0.98	4	10	80	<0.5	<2	1.56	<0.5	4	8	69	2.67	10	<1	0.03	10	0.23	451	3	0.01	3	710	4	0.06	<2	2	57	0.12	<10	<10	78	<10	68
L25+00N 73+50E	<0.005	0.4	2.1	42	10	180	0.8	<2	1.64	<0.5	20	109	117	4.38	10	2	0.07	10	1.28	936	6	0.02	70	930	12	0.06	<2	6	59	0.11	<10	<10	105	<10	131
L25+00N 73+75E	0.005	0.2	2.03	89	10	210	<0.5	<2	0.72	<0.5	17	161	70	4.92	10	<1	0.09	<10	1.54	586	6	0.02	92	960	13	0.05	<2	6	28	0.15	<10	<10	118	<10	139
L25+00N 74+00E	<0.005	0.5	1.54	70	10	240	<0.5	<2	0.58	1.6	19	144	60	4.4	10	1	0.1	<10	1.22	566	3	0.02	82	1170	12	0.04	<2	5	20	0.14	<10	<10	107	<10	153
L25+00N 74+25E	0.005	1.1	1.82	246	60	680	0.7	<2	1.43	1.9	24	94	115	5.23	10	1	0.19	10	1.32	1060	4	0.01	89	1410	34	0.08	5	9	46	0.11	<10	<10	120	<10	244
L25+00N 74+50E	0.006	0.9	1.62	190	100	680	0.6	<2	3.23	1.7	20	71	110	5.12	<10	1	0.21	10	1.22	1075	4	0.02	77	1780	17	0.1	4	9	91	0.1	<10	<10	114	<10	184
L25+00N 74+75E	0.006	0.6	1.81	100	20	340	0.6	<2	1.4	0.7	21	102	85	4.43	<10	1	0.21	10	1.34	954	3	0.02	79	1580	16	0.08	3	7	35	0.12	<10	<10	100	<10	132
L25+00N 75+00E	0.005	0.5	2.13	89	60	330	0.7	<2	1.48	1.1	27	168	114	4.81	10	<1	0.21	10	1.73	977	3	0.02	130	1940	14	0.06	<2	8	42	0.13	<10	<10	108	<10	167
L25+00N 75+25E	0.01	0.4	1.73	70	120	860	0.6	<2	2.03	2.4	22	93	101	4.76	10	1	0.17	10	1.34	1170	3	0.01	83	2010	16	0.09	<2	7	60	0.11	<10	<10	105	<10	269
L25+00N 75+50E	0.006	0.7	2.09	106	60	530	0.6	<2	1.82	0.6	35	176	136	4.9	10	1	0.23	10	1.82	1065	3	0.02	170	1260	19	0.07	4	8	48	0.14	<10	<10	105	<10	151
L25+00N 75+75E	<0.005	0.6	2.25	138	30	660	0.8	<2	1.6	0.9	30	127	127	5.57	10	<1	0.18	10	1.6	1275	4	0.02	108	1560	22	0.06	<2	10	47	0.13	<10	<10	123	<10	246
L25+00N 76+00E	0.005	1.4	1.98	100	40	480	0.7	<2	2.04	2.4	23	98	162	4.55	<10	<1	0.08	10	1.27	1915	7	0.01	96	1300	18	0.09	<2	7	65	0.11	<10	10	109	10	199
L25+00N 76+25E	0.006	0.4	2.25	57	10	270	0.7	<2	1.04	<0.5	22	185	122	4.75	10	1	0.11	10	1.64	757	5	0.02	132	660	13	0.05	<2	8	37	0.16	<10	<10	118	<10	136
L25+00N 76+50E	<0.005	0.5	2.73	101	10	290	0.7	<2	0.86	<0.5	23	131	87	5.53	10	<1	0.05	<10	1.47	642	8	0.02	94	430	14	0.04	<2	7	35	0.13	<10	<10	129	<10	165
L25+00N 76+75E	<0.005	0.4	2.53	79	10	260	0.7	<2	0.81	<0.5	26	153	94	5.49	10	<1	0.06	10	1.51	776	6	0.02	106	620	14	0.04	<2	7	30	0.14	<10	<10	130	<10	182
L25+00N 77+00E	<0.005	0.2	2.18	54	10	160	<0.5	<2	0.58	<0.5	13	91	56	5.2	10	<1	0.08	<10	1.22	850	4	0.02	52	770	10	0.04	<2	6	21	0.15	<10	<10	135	<10	129
L25+00N 77+25E	<0.005	0.3	2.59	22	20	190	0.6	<2	1.14	0.5	19	113	78	5.06	10	<1	0.05	<10	1.34	671	6	0.02	67	590	12	0.06	2	7	41	0.17	<10	<10	110	<10	204
L25+00N 77+50E	<0.005	0.6	2.62	30	10	150	0.8	<2	1.18	0.5	22	159	130	4.93	10	1	0.07	10	1.58	1050	8	0.02	100	650	10	0.06	2	8	39	0.14	<10	<10	113	<10	174
L25+00N 77+75E	<0.005	0.5	2.42	38	30	130	0.7	<2	2.05	1.1	20	127	209	4.52	10	<1	0.07	10	1.4	971	9	0.02	76	1380	12	0.13	<2	6	60	0.09	<10	10	101	<10	201
L25+00N 78+00E	<0.005	1.8	0.66	2	50	110	0.5	<2	4.67	0.5	7	9	193	0.9	<10	<1	0.02	10	0.14	830	7	0.01	6	1960	3	0.38	<2	1	120	0.02	<10	20	17	<10	8
L25+00N 78+25E	<0.005	<0.2	1.96	38	10	180	0.5	<2	1.03	2	23	48	79	4.66	10	<1	0.08	10	0.73	1265	10	0.02	29	480	14	0.06	2	5	48	0.17	<10	<10	129	<10	294
L25+00N 78+50E	<0.005	0.3	0.19	4	140	160	<0.5	<2	6.07	0.7	5	9	302	0.37	<10	1	0.02	<10	0.19	373	4	0.01	14	1160	3	0.36	7	<1	142	0.01	<10	80	18	<10	13
L25+00N 78+75E	<0.005	0.6	1.62	16	30	190	0.6	<2	2.29	1.4	13	34	112	2.83	10	<1	0.04	10	0.42	844	4	0.01	20	740	12	0.12	<2	2	66	0.08	<10	<10	80	<10	100
L25+00N 79+00E	<0.005	<0.2	1.6	8	10	80	<0.5	<2	0.65	<0.5	8	17	48	4.5	10	<1	0.04	<10	0.49	311	8	0.01	9	200	10	0.04	<2	3	34	0.25	<10	<10	143	<10	53
L25+00N 79+25E	<0.005	0.2	1.82	4	<10	90	<0.5	<2	0.61	<0.5	10	11	37	5.15	20	1	0.04	<10	0.68	436	3	0.01	6	900	5	0.04	<2	3	26	0.22	<10	<10	143	<10	85
L25+00N 79+50E	<0.005	1.2	3.02	42	20	300	2.1	<2	1.26	<0.5	19	88	1620	5.54	10	1	0.05	70	1.08	769	6	0.01	75	990	15	0.06	<2	15	41	0.15	<10	<10	122	<10	151
L25+00N 79+75E	<0.005	0.3	1.42	8	<10	70	<0.5	<2	0.28	<0.5	4	23	34	4.21	10	<1	0.03	10	0.27	228	2	0.01	10	800	14	0.04	<2	2	17	0.24	<10	<10	139	<10	51
L25+00N 80+00E	<0.005	0.2	2.13	12	<10	70	0.5	<2	0.36	<0.5	10	30	41	5.9	10	1	0.04	<10	0.62	394	3	0.01	15	1800	11	0.04	<2	3	21	0.22	<10	<10	147	<10	98
L25+00N 80+25E	0.008	0.2	3	13	20	150	0.9	<2	1.61	<0.5	31	91	146	5.97	10	1	0.18	10	1.66	783	2	0.03	89	2150	4	0.13	<2	8	60	0.18	<10	<10	126	<10	128
L25+00N 80+50E	<0.005	0.2	3.26	15	10	150	0.6	<2	1.32	<0.5	33	65	144	6.44	10	1	0.1	10	1.58	1170	1	0.03	63	1880	6	0.08	2	6	58	0.11	<10	<10	175	<10	114
L25+00N 80+75E	0.01	0.3	0.92	8	30	120	<0.5	<2	4.35	0.5	7	24	42	1.66	<10	<1	0.04	<10	0.55	356	2	0.02	18	1110	4	0.29	<2	2	122	0.04	<10	<10	35	<10	32
L25+00N 81+00E	<0.005	0.3	3.02	16	10	130	<0.5	<2	2.2	<0.5	32	75	160	5.69	10	1	0.1	<10	2	1030	<1	0.06	81	1650	4	0.05	<2	9	79	0.16	<10	<10	147	<10	99
L25+00N 81+25E	0.005	<0.2	2.9	16	10	120	<0.5	<2	2.24	<0.5	33	63	157	5.89	10	1	0.11	10	1.74	1210	<1	0.08	70	1940	8	0.06	<2	8	80	0.15	<10	<10	162	<10	110
L25+00N 81+50E	<0.005	0.3	2.93	16	10	150	<0.5	<2	1.87	<0.5	26	43	142	6.12	10	1	0.1	<10	1.54	1145	1	0.06	43	1420	4	0.05	<2	8	75	0.16	<10	<10	180	<10	117
L25+00N 81+75E	<0.005	0.2	3.29	21	20	160	<0.5	<2	2.52	<0.5	35	58	219	6.76	10	1	0.14	10	1.96	1245	<1	0.08	64	2040	6	0.07	<2	11	90	0.19	<10	<10	191	<10	102
L25+00N 82+00E	0.005	0.2	3.21	15	10	140	<0.5	<2	2.34	<0.5	34	58	231	6.39	10	1	0.1	10	1.92	1235	<1	0.08	66	1720	6	0.05	<2	11	89	0.19	<10	<10	180	<10	96
L25+00N 82+25E	<0.005	0.3	2.8	16	10	190	<0.5	<2	1.95	<0.5	31	51	229	5.72	10	1	0.12	10	1.54	1335	1	0.06	56	1670	7	0.07	<2	8	75	0.14	<10	<10	151	<10	115
L25+00N 82+50E	<0.005	0.2	3.31	19	10	120	<0.5	<2	2.34	<0.5	29	69	156	5.53	10	<1	0.12	<10	1.94	982	<1	0.08	74	1740	7	0.05	<2	9	83	0.17	<10	<10	150	<10	119
L25+00N 82+75E	<0.005	<0.2	3.32	18	10	180	0.5	<2	2.17	<0.5	37	75	232	5.61	10	1	0.09	10	2.03	1220	1	0.07	76	1830	8	0.06	<2	10	86	0.17	<10	<10	135	<10	110
L25+00N 83+00E	<0.005	<0.2	3.21	17	10	110	<0.5	<2	2.07	<0.5	33	63	183	6.22	10	1	0.09	10	1.86	1135	1	0.07	64	1570	7	0.06	2	9	78	0.16	<10	<10	175	<10	118
L25+00N 83+25E	<0.005	<0.2	2.94	13	10	120	<0.5	<2	2.05	<0.5	28	54	133	5.83	10	1	0.09	<10	1.72	1015	1	0.07	55	1880	7	0.05	<2	7	79	0.15	<10	<10	161	<10	130
L25+00N 83+50E	<0.005	0.2	2.86	18	10	100	<0.5	<2	2.02	<0.5	31	60	140	5.6	10	1	0.1	<10	1.76	1005	<1	0.08	62	2100	4	0.06	<2	8	76	0.15	<10	<10	160	<10	94
L25+00N 83+75E	<0.005	0.3	3.23	20	10	110	0.5	<2	2.02	<0.5	32	63	233	5.82	10	1	0.09	10	1.82	1060	1	0.07	65	1560	8	0.05	<2	10	82	0.17	<10	<10	156	<10	106
L25+00N 84+00E	<0.005	0.2	2.65	9	10	120	<0.5	<2	0.88	<0.5	19	26	69	6.05	10	<1	0.06	<10	1.18	582	1	0.04	24	1970	5	0.05	<2	5	46	0.11	<10	<10	179	<10	113
L25+00N 84+25E	<0.005	<0.2	2.95	18	10	110	<0.5	<2	1.19	<0.5	23	31	97	6.71	10	1	0.06	<10	1.34	717	1	0.06	32	2070	4	0.04	<2	7	58	0.15	<10	<10	208	<10	114
L25+00N 84+50E	<0.005	0.3	3.64	18	10	140	0.5	<2	1.6	<0.5	32	32	167	6.56	10	<1	0.05	<10	1.48	1805	4	0.05	34	2000	8	0.05	<2	9	83	0.11	<10	<10	176	<10	122
L25+00N 84+75E	<0.005	0.3	3.34	12	10	150	0.5	<2	1.84	<0.5	29	33	162	6.31	10	1	0.05	10	1.44	1195	4	0.06	37	1340	4	0.06	<2	10	83	0.12	<10	<10	170	<10	108
L25+00N 85+00E	0.005	0.2	3.2	24	<10	100	<0.5	<2	2.06	<0.5	33	75	207	5.85	10	1	0.08	10	2.02	1030	1	0.09	82	1620	7	0.05	<2	9	80	0.18	<10	<10	159	<10	101
L25+00N 85+25E	<0.005	0.2	3.2	22	<10	110	<0.5	<2	2.07	<0.5	34	75	198	5.94	10	<1	0.08	10	2	1025	<1	0.09	82	1680	5	0.05	<2	9	83	0.17	<10	<10	165	<10	95
L25+00N 85+50E	<0.005	0.2	3.25	15	10	120	<0.5	<2	2.28	<0.5	34	75	184	5.92	10	1	0.09	10	2.03	1065	<1	0.09	80	1510	4	0.04	2	9	95	0.18	<10	<10	159	<10	107
L25+00N 85+75E	0.026	0.2	2.81	7	10	110	<0.5	<2	1.52	<0.5	21	30	115	5.69	10	<1	0.06	<10	1.22	874	1	0.05	33	2050	6	0.05	<2	7	63	0.13	<10	<10	175	<10	107
L25+00N 86+00E	<0.005	<0.2	3.17	12	10	70	<0.5	<2	1.36	<0.5	28	26	132	7.47	10	<1	0.06	<10	1.22	671	2	0.05	31	2110	3	0.04	<2	7	60	0.13	<10	<10	252	<10	72
L25+00N 86+25E	<0.005	0.2	3.45	23	10	110	0.5	<2	2.42	<0.5	43	86	219	6.1	10	1	0.08	10	2.25	1540	3	0.09	96	1520	7	0.05	2	10	98	0.18	<10	<10	160	<10	104
L25+00N 86+50E	<0.005	0.2	3.51	8	10	130	<0.5	<2	1.92	0.5	19	32	142	5	10	1	0.1	10	1.52	621	1	0.06	39	2080	3	0.07	2	8	79	0.12	<10	<10	110	<10	259
L25+00N 86+75E	<0.005	0.2	3.72	16	10	130	<0.5	<2	1.72	<0.5	27	51	192	5.38	10	<1	0.1	10	1.88	992	2	0.06	60	1670	6	0.07	<2	9	80	0.12	<10	<10	125	<10	174
L25+00N 87+00E	<0.005	0.5	3.84	18	10	170	0.5	<2	1.58	<0.5	33	55	231	5.76	10	<1	0.08	10	1.94	1430	2	0.06	65	1470	6	0.05	<2	10	68	0.16	<10	<10	135	<10	156
L25+00N 87+25E	0.005	0.3	4.77	19	10	180	0.7	2	1.05	<0.5	35	53	283	6.95	10	1	0.08	10	2.04	1400	2	0.05	66	1660	5	0.05	<2	13	61	0.17	<10	<10	156	<10	156
L25+00N 87+50E	0.006	<0.2	4.99	21	10	170	0.7	<2	1.3	<0.5	34	42	303	6.52	10	2	0.09	10	2.14	1150	1	0.05	53	1130	5	0.05	<2	15	74	0.16	<10	<10	151	<10	123
L25+00N 87+75E	<0.005	<0.2	3.63	9	<10	60	<0.5	<2	0.68	<0.5	14	34	68	4.67	10	<1	0.04	<10	1.07	610	1	0.03	22	1950	4	0.04	<2	6	36	0.18	<10	<10	139	<10	88
L25+00N 88+00E	0.006	0.2	3.54	12	<10	90	<0.5	2	0.54	<0.5	14	38	83	4.55	10	<1	0.04	<10	1.12	578	1	0.03	26	1010	5	0.04	<2	7	39	0.2	<10	<10	144	<10	94
L25+00N 88+25E	<0.005	<0.2	3.14	14	<10	60	<0.5	<2	0.58	<0.5	17	36	85	4.07	10	1	0.03	<10	1.04	487	<1	0.03	27	1040	3	0.04	<2	7	37	0.19	<10	<10	140	<10	64
L25+00N 88+50E	<0.005	<0.2	3.31	19	<10	70	<0.5	<2	0.63	<0.5	14	35	87	4.6	10	<1	0.04	<10	1.04	553	1	0.04	26	1390	6	0.05	<2	6	37	0.19	<10	<10	149	<10	79
L25+00N 88+75E	0.163	0.3	3.02	14	<10	60	<0.5	<2	0.73	<0.5	16	36	66	4.39	10	1	0.05	<10	1.04	619	1	0.03	25	1420	6	0.04	2	6	42	0.17	<10	<10	141	<10	92
L25+00N 89+00E	0.006	0.2	2.36	26	10	90	<0.5	<2	1.4	<0.5	19	47	122	4.48	10	1	0.06	10	1.22	740	7	0.05	35	1400	5	0.06	<2	8	63	0.12	<10	<10	132	<10	122
L25+00N 89+25E	0.006	<0.2	2.18	23	<10	80	<0.5	<2	0.8	<0.5	15	44	81	4.23	10	1	0.05	<10	1.1	648	2	0.04	29	900	5	0.04	<2	6	40	0.13	<10	<10	118	<10	99
L25+00N 89+50E	<0.005	<0.2	1.85	18	<10	100	<0.5	<2	0.93	<0.5	15	38	93	3.59	10	1	0.05	10	1.05	759	1	0.04	29	1320	5	0.05	<2	6	42	0.09	<10	<10	96	<10	79
L25+00N 89+75E	<0.005	0.2	2.49	19	<10	110	<0.5	<2	0.66	<0.5	18	47	88	4.83	10	2	0.07	<10	1.13	1175	2	0.04	31	1500	6	0.05	<2	6	37	0.12	<10	<10	132	<10	110
L26+00N 70+50E	<0.005	0.2	2.07	17	<10	210	0.5	<2	1.26	<0.5	20	73	112	4.78	10	<1	0.11	10	1.17	1235	2	0.05	48	1610	4	0.06	<2	7	46	0.12	<10	<10	114	<10	79
L26+00N 70+75E	<0.005	0.5	2.38	6	<10	190	0.8	<2	1.59	<0.5	12	31	243	3.87	10	1	0.04	20	0.59	539	9	0.03	20	780	3	0.05	2	6	69	0.14	<10	<10	85	<10	68
L26+00N 71+00E	<0.005	0.2	2.55	6	<10	110	0.5	<2	0.63	<0.5	13	24	47	5.28	10	<1	0.07	10	0.67	504	16	0.02	14	610	4	0.01	<2	4	30	0.22	<10	<10	146	<10	145
L26+00N 71+25E	<0.005	0.3	1.46	6	<10	110	<0.5	<2	0.4	<0.5	9	23	20	5.11	10	<1	0.1	<10	0.34	425	7	0.01	10	900	9	<0.01	<2	3	21	0.29	<10	<10	146	<10	103
L26+00N 71+50E	<0.005	<0.2	1.6	6	<10	70	<0.5	<2	0.58	<0.5	9	16	35	5.02	10	<1	0.11	<10	0.44	469	7	0.02	9	900	3	0.01	2	3	26	0.19	<10	<10	138	<10	99
L26+00N 71+75E	<0.005	0.5	1.59	<2	<10	140	0.6	<2	0.96	0.5	14	20	124	3.98	10	<1	0.07	10	0.32	1625	13	0.02	11	1000	9	0.04	2	3	43	0.16	<10	<10	112	<10	99
L26+00N 72+00E	<0.005	0.2	2.1	8	<10	100	<0.5	<2	0.72	<0.5	12	12	47	5.35	10	<1	0.06	<10	0.59	558	10	0.02	8	880	4	0.01	<2	3	41	0.23	<10	<10	155	<10	94
L26+00N 72+25E	<0.005	0.2	2.21	9	<10	70	<0.5	<2	0.7	<0.5	11	20	35	6.04	10	<1	0.06	<10	0.64	496	11	0.02	14	790	2	0.02	<2	3	31	0.31	<10	<10	156	<10	89
L26+00N 72+50E	<0.005	0.5	2	6	<10	80	0.8	<2	1.02	<0.5	12	19	141	4.12	10	<1	0.03	20	0.33	1185	16	0.02	11	700	7	0.04	<2	3	45	0.13	<10	<10	126	<10	60
L26+00N 72+75E	<0.005	0.9	3.3	7	10	140	2	<2	1.32	<0.5	17	34	443	4.4	10	<1	0.05	40	0.47	2040	18	0.03	26	1300	8	0.05	<2	6	58	0.17	<10	10	118	<10	109
L26+00N 73+00E	<0.005	0.8	2.24	4	10	170	1.3	<2	2.66	0.6	13	23	390	3.02	10	<1	0.04	50	0.36	2590	17	0.03	15	1330	5	0.11	2	2	102	0.07	<10	20	78	<10	87
L26+00N 73+25E	<0.005	0.2	1.68	6	<10	160	0.6	<2	0.82	<0.5	10	28	123	5.15	10	<1	0.06	10	0.37	469	12	0.03	14	410	6	0.03	<2	4	44	0.28	<10	<10	134	<10	54
L26+00N 73+50E	<0.005	0.3	1.66	5	<10	100	<0.5	<2	0.38	0.5	11	18	28	4.91	10	<1	0.06	<10	0.43	604	3	0.02	11	1080	5	<0.01	2	3	24	0.2	<10	<10	128	<10	226
L26+00N 73+75E	<0.005	0.3	2.21	71	<10	340	0.7	<2	0.69	0.8	27	136	93	5.54	10	<1	0.18	<10	1.33	1435	4	0.02	96	1960	19	0.01	<2	7	32	0.14	<10	<10	128	<10	221
L26+00N 74+00E	<0.005	1.3	0.68	43	<10	650	<0.5	<2	1.22	1.1	8	116	131	3.29	<10	<1	0.11	<10	0.24	386	5	0.02	89	1510	14	0.04	3	4	41	0.13	<10	<10	79	<10	102
L26+00N 74+25E	<0.005	0.7	2.06	115	60	570	0.6	<2	1.76	0.9	29	182	136	4.86	10	<1	0.23	10	1.78	893	3	0.03	172	1400	16	0.05	4	8	46	0.14	<10	<10	109	<10	156
L26+00N 74+50E	<0.005	0.8	1.28	41	10	590	0.5	<2	1.2	1.2	15	89	138	3.64	<10	<1	0.13	10	0.8	990	3	0.02	93	1520	15	0.06	2	3	44	0.07	<10	<10	82	<10	145
L26+00N 74+75E	<0.005	0.4	1.96	60	<10	280	0.6	<2	0.52	0.8	21	118	87	4.94	10	<1	0.08	<10	1.03	1680	5	0.02	83	1400	10	0.03	2	3	25	0.07	<10	<10	122	<10	141
L26+00N 75+00E	0.005	0.5	1.92	49	10	480	0.5	<2	0.73	2.6	30	128	64	4.95	10	<1	0.15	<10	1.22	1670	3	0.02	82	2080	10	0.02	2	5	32	0.13	<10	<10	114	<10	271
L26+00N 75+25E	<0.005	0.3	2.1	34	<10	430	0.5	<2	0.56	2.6	20	102	47	4.93	10	<1	0.16	<10	1.16	1425	3	0.03	59	1840	10	0.01	2	6	22	0.18	<10	<10	123	<10	340
L26+00N 75+50E	<0.005	0.3	2.55	91	10	350	0.5	<2	0.52	<0.5	19	174	80	5.39	10	<1	0.11	<10	1.56	625	4	0.03	106	1220	22	0.01	2	6	20	0.14	<10	<10	134	<10	225
L26+00N 75+75E	<0.005	0.4	2.55	101	10	250	0.8	<2	0.68	<0.5	25	158	94	5.6	10	<1	0.13	<10	1.57	740	4	0.03	110	1520	16	0.01	<2	7	26	0.15	<10	<10	131	<10	203
L26+00N 76+00E	<0.005	0.6	2.27	45	<10	280	0.5	<2	0.62	<0.5	17	215	55	4.57	10	<1	0.16	<10	1.72	707	3	0.04	122	1290	8	0.01	<2	4	18	0.17	<10	<10	118	<10	151
L26+00N 76+25E	0.049	0.3	1.81	66	10	240	<0.5	<2	0.73	1	17	133	65	5.04	10	<1	0.11	<10	1.17	642	4	0.03	84	1870	11	0.02	4	5	23	0.12	<10	<10	134	<10	153
L26+00N 76+50E	0.007	0.4	2.02	69	10	250	<0.5	<2	0.6	0.7	18	148	74	5.4	10	<1	0.1	<10	1.24	669	4	0.02	92	2100	14	0.01	<2	5	20	0.14	<10	<10	142	<10	175
L26+00N 76+75E	<0.005	0.4	1.87	10	10	130	0.5	<2	0.93	<0.5	8	18	69	3.71	10	<1	0.07	10	0.47	410	6	0.02	10	620	9	0.04	2	3	39	0.17	<10	<10	96	<10	109
L26+00N 77+00E	0.005	0.4	1.09	9	10	130	<0.5	<2	1.26	0.8	2	12	48	2.54	10	<1	0.06	<10	0.18	144	9	0.02	5	320	10	0.05	<2	2	45	0.17	<10	<10	90	<10	44

SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L26+00N 77+25E	NSS	0.3	0.27	4	100	100	<0.5	<2	5.05	1.1	3	6	118	0.48	<10	<1	0.03	<10	0.17	342	8	0.03	5	1420	2	0.45	2	<1	114	0.01	<10	70	10	<10	18
L26+00N 77+50E	<0.005	1	2.54	59	20	220	0.6	<2	1.78	1.5	13	82	165	4.69	10	<1	0.05	10	1.1	623	7	0.03	50	2050	8	0.09	4	6	65	0.08	<10	10	111	<10	348
L26+00N 77+75E	0.007	0.6	2.52	57	30	250	0.5	<2	1.89	0.9	13	58	175	4.81	10	1	0.06	10	0.89	719	3	0.03	38	1490	5	0.08	<2	5	63	0.09	<10	<10	119	<10	195
L26+00N 78+00E	0.005	1.5	2.06	64	30	380	0.7	<2	1.9	3.7	26	119	663	4.81	10	<1	0.07	10	0.86	2860	8	0.03	93	1060	11	0.07	5	6	61	0.14	<10	<10	113	<10	332
L26+00N 78+25E	<0.005	1	2.75	74	40	300	1	<2	1.52	1.7	23	104	419	5.41	10	<1	0.07	10	1.1	1855	8	0.03	65	860	14	0.04	3	10	53	0.14	<10	<10	134	<10	263
L26+00N 78+50E	<0.005	1.2	2.57	38	10	300	0.9	<2	0.87	1.4	24	81	181	4.83	10	<1	0.24	10	0.91	2460	6	0.02	56	1040	11	0.01	2	8	34	0.18	<10	<10	122	<10	241
L26+00N 78+75E	0.006	0.3	1.99	10	<10	60	0.6	<2	0.44	<0.5	15	13	140	6.63	10	<1	0.04	10	0.62	442	2	0.01	12	1260	2	0.01	<2	4	16	0.06	<10	<10	187	<10	59
L26+00N 79+00E	0.013	0.5	0.98	9	<10	250	<0.5	<2	0.62	0.6	4	12	77	2.76	10	<1	0.06	10	0.15	239	4	0.01	5	260	12	0.01	<2	2	23	0.13	<10	<10	86	<10	75
L26+00N 79+25E	0.006	0.3	1.88	8	<10	170	0.5	<2	0.49	<0.5	13	20	46	5.34	10	<1	0.05	<10	0.49	472	3	0.02	15	1250	8	<0.01	<2	3	20	0.21	<10	<10	138	<10	177
L26+00N 79+50E	0.006	0.4	1.88	6	<10	150	0.5	<2	0.51	0.5	13	31	32	5.76	10	<1	0.05	<10	0.58	466	4	0.02	24	670	5	0.01	<2	3	22	0.23	<10	<10	165	<10	143
L26+00N 79+75E	0.005	0.2	2.05	5	10	210	<0.5	<2	1.56	0.5	13	27	70	3.56	10	<1	0.05	10	0.67	2300	19	0.04	17	1610	6	0.09	<2	6	62	0.17	<10	10	109	<10	91
L26+00N 80+00E	0.011	0.3	1.66	16	30	140	0.6	<2	1.86	0.5	17	40	138	4.79	10	<1	0.08	10	0.82	943	3	0.02	39	1720	<2	0.08	<2	5	56	0.09	<10	<10	130	<10	98
L26+00N 80+25E	0.006	0.2	2.56	9	20	130	0.9	<2	1.39	<0.5	29	98	122	5.38	10	<1	0.2	10	1.49	681	1	0.03	95	2160	<2	0.07	<2	6	52	0.18	<10	<10	114	<10	121
L26+00N 80+50E	0.007	0.2	2.82	14	10	90	<0.5	<2	1.74	<0.5	31	61	145	5.7	10	<1	0.1	<10	1.69	892	1	0.06	67	1720	3	0.02	2	7	64	0.15	<10	<10	154	<10	102
L26+00N 80+75E	0.007	0.3	2.46	10	<10	100	<0.5	<2	1.34	<0.5	27	49	100	6.04	10	<1	0.09	<10	1.4	946	1	0.04	46	960	3	0.02	<2	6	54	0.15	<10	<10	170	<10	140
L26+00N 81+00E	<0.005	0.2	3.09	14	10	170	<0.5	<2	1.48	<0.5	26	20	107	6.93	10	<1	0.11	<10	1.21	860	1	0.04	22	2670	4	0.03	<2	6	65	0.1	<10	<10	228	<10	123
L26+00N 81+25E	0.008	0.3	3.12	21	10	130	0.5	<2	2.61	<0.5	32	50	201	6.26	10	<1	0.08	10	1.79	1300	1	0.05	54	1790	4	0.01	<2	10	81	0.19	<10	<10	170	<10	100
L26+00N 81+50E	0.006	0.2	2.94	15	10	160	<0.5	<2	1.72	<0.5	31	40	199	5.44	10	<1	0.09	10	1.4	1250	1	0.05	48	1720	2	0.03	<2	8	78	0.13	<10	<10	148	<10	86
L26+00N 81+75E	0.007	0.3	3.1	23	10	140	0.5	<2	1.86	<0.5	35	64	185	6.14	10	<1	0.14	10	1.73	1235	1	0.05	63	1820	<2	0.02	<2	9	75	0.17	<10	<10	172	<10	104
L26+00N 82+00E	0.006	0.2	2.94	21	<10	120	<0.5	<2	2	<0.5	31	60	162	5.97	10	<1	0.09	<10	1.66	1030	<1	0.06	60	1900	4	0.02	<2	7	78	0.15	<10	<10	170	<10	116
L26+00N 82+25E	0.01	0.2	2.65	13	10	100	<0.5	<2	1.77	<0.5	28	48	131	6.05	10	<1	0.13	<10	1.43	940	1	0.05	49	1850	3	0.03	<2	7	71	0.14	<10	<10	186	<10	80
L26+00N 82+50E	0.008	0.2	3.26	13	10	130	0.5	<2	1.99	<0.5	33	62	214	6.48	10	<1	0.12	10	1.78	923	1	0.06	64	1700	<2	0.01	<2	10	80	0.18	<10	<10	176	<10	101
L26+00N 82+75E	0.006	0.2	2.98	12	<10	140	<0.5	<2	1.12	<0.5	26	31	97	7.34	10	<1	0.06	<10	1.32	744	1	0.04	34	2190	<2	0.02	2	6	59	0.13	<10	<10	224	<10	151
L26+00N 83+00E	<0.005	0.3	2.89	12	<10	210	<0.5	<2	0.98	<0.5	23	28	96	6.69	10	<1	0.06	<10	1.17	1105	1	0.03	26	2820	<2	0.01	<2	6	51	0.11	<10	<10	200	<10	164
L26+00N 83+25E	0.006	0.4	3.09	10	<10	170	<0.5	<2	0.94	<0.5	29	24	94	6.12	10	<1	0.1	<10	1.18	1505	3	0.03	24	2330	<2	0.02	<2	6	57	0.09	<10	<10	170	<10	133
L26+00N 83+50E	0.01	0.3	3.35	16	<10	140	<0.5	<2	1.18	<0.5	30	33	119	6.61	10	<1	0.08	<10	1.32	990	2	0.03	35	1920	3	0.02	<2	7	56	0.11	<10	<10	190	<10	181
L26+00N 83+75E	0.006	0.2	3.07	5	<10	160	<0.5	<2	1.08	<0.5	27	26	103	6.78	10	2	0.07	<10	1.24	1335	1	0.04	26	2410	<2	0.02	<2	5	55	0.1	<10	<10	209	<10	111
L26+00N 84+00E	0.005	0.2	3.21	9	10	140	<0.5	<2	1.35	<0.5	24	37	154	6.84	10	<1	0.1	<10	1.38	754	1	0.04	42	1980	<2	0.03	4	6	64	0.11	<10	<10	205	<10	85
L26+00N 84+25E	0.006	0.2	2.94	11	<10	110	<0.5	<2	1.16	<0.5	25	48	141	5.97	10	<1	0.06	<10	1.44	867	1	0.05	51	1240	2	0.02	<2	7	58	0.15	<10	<10	176	<10	107
L26+00N 84+50E	0.005	<0.2	3.01	12	<10	90	<0.5	<2	1.84	<0.5	30	67	155	5.29	10	<1	0.07	<10	1.78	848	1	0.07	71	1470	<2	0.01	<2	8	88	0.17	<10	<10	150	<10	91
L26+00N 84+75E	0.006	0.2	3.21	6	<10	110	<0.5	<2	0.84	<0.5	20	24	75	5.76	10	<1	0.05	<10	1.24	828	3	0.03	25	1760	<2	0.01	<2	7	51	0.14	<10	<10	187	<10	121
L26+00N 85+00E	0.006	0.3	3.36	9	10	110	<0.5	<2	1.14	<0.5	23	22	129	6.02	10	<1	0.07	<10	1.28	733	2	0.04	25	2370	<2	0.01	<2	7	58	0.14	<10	<10	182	<10	144
L26+00N 85+25E	0.006	0.6	3.29	12	10	140	<0.5	<2	1.82	<0.5	23	28	131	5.12	10	<1	0.05	<10	1.29	860	8	0.05	28	1450	<2	0.02	<2	8	83	0.13	<10	<10	140	<10	112
L26+00N 85+50E	0.007	0.9	3.07	9	10	150	0.5	<2	1.98	<0.5	23	44	174	6.11	10	1	0.07	10	1.16	1120	4	0.05	33	1650	<2	0.03	<2	9	82	0.13	<10	<10	196	<10	97
L26+00N 85+75E	0.007	0.6	2.92	4	<10	110	<0.5	<2	1.5	<0.5	21	39	146	5.6	10	<1	0.07	10	1.14	1025	7	0.06	35	1920	3	0.02	<2	7	72	0.14	<10	<10	170	<10	142
L26+00N 86+00E	0.006	1.1	2.52	14	10	170	0.5	<2	2.01	0.5	24	49	392	5.28	10	<1	0.18	10	1.13	2280	24	0.03	38	1970	3	0.07	<2	10	62	0.19	<10	<10	185	<10	71
L26+00N 86+25E	0.008	0.2	2.77	8	<10	120	<0.5	<2	1.59	<0.5	22	23	88	5.19	10	<1	0.06	<10	1.18	730	8	0.05	24	2250	<2	0.01	<2	7	82	0.15	<10	<10	142	<10	74
L26+00N 86+50E	0.008	0.3	3.99	19	<10	130	0.5	<2	1.2	<0.5	27	29	163	6.55	10	<1	0.08	10	1.26	625	2	0.04	37	2570	3	0.03	2	8	64	0.16	<10	<10	192	<10	98
L26+00N 86+75E	0.007	0.6	3	6	<10	160	0.6	<2	0.55	<0.5	21	31	77	5.52	10	<1	0.05	10	1.04	713	2	0.03	28	1280	8	0.02	<2	5	32	0.17	<10	<10	154	<10	124
L26+00N 87+00E	<0.005	0.2	3.48	21	<10	110	<0.5	<2	1.2	<0.5	25	37	154	6.34	10	<1	0.07	<10	1.48	872	3	0.04	43	2470	<2	0.02	<2	8	59	0.16	<10	<10	176	<10	110
L26+00N 87+25E	<0.005	0.3	3.17	12	<10	120	<0.5	<2	1.28	<0.5	21	27	126	5.54	10	<1	0.07	<10	1.3	747	3	0.04	31	2040	<2	0.03	<2	7	63	0.13	<10	<10	151	<10	112
L26+00N 87+50E	0.008	0.3	3.33	29	<10	140	0.5	<2	1.56	<0.5	32	65	278	5.96	10	<1	0.08	10	1.68	1300	5	0.05	67	1860	4	0.03	<2	7	79	0.17	<10	<10	148	<10	200
L26+00N 87+75E	0.005	0.3	3.27	29	10	140	0.5	<2	1.62	<0.5	27	55	269	5.57	10	<1	0.08	10	1.59	978	5	0.05	58	1960	3	0.04	2	6	75	0.15	<10	<10	131	<10	194
L26+00N 88+00E	0.005	<0.2	2.79	14	10	90	<0.5	<2	1.43	<0.5	24	24	134	6.66	10	<1	0.07	10	1.02	808	5	0.04	26	2580	2	0.04	<2	5	65	0.11	<10	<10	207	<10	81
L26+00N 88+25E	0.005	0.2	3.65	13	10	140	0.5	<2	1.48	<0.5	27	26	209	5.57	10	<1	0.08	10	1.35	848	5	0.04	33	2260	2	0.03	<2	9	80	0.15	<10	<10	136	<10	84
L26+00N 88+50E	0.012	0.4	4.3	13	<10	60	0.5	<2	0.59	<0.5	13	30	53	4.53	10	2	0.04	<10	0.66	659	2	0.02	17	5550	<2	0.04	<2	4	26	0.12	<10	<10	138	<10	113
L26+00N 88+75E	0.012	0.4	4.22	2	<10	160	0.5	<2	1.46	<0.5	28	34	230	5.74	10	<1	0.08	10	1.81	952	3	0.04	48	1660	5	0.03	<2	9	75	0.15	<10	<10	129	<10	109
L26+00N 89+00E	0.007	<0.2	3.33	19	<10	150	0.5	<2	1.21	<0.5	27	34	210	5.91	10	<1	0.06	10	1.47	893	1	0.05	46	1660	2	0.02	2	10	74	0.16	<10	<10	142	<10	86
L26+00N 89+25E	0.008	<0.2	3.01	22	<10	80	<0.5	<2	0.71	<0.5	18	41	86	4.6	10	<1	0.04	<10	1.14	637	1	0.03	31	1230	5	0.02	<2	8	36	0.17	<10	<10	138	<10	86
L26+00N 89+50E	0.012	0.3	2.39	15	<10	70	<0.5	<2	1.22	<0.5	13	34	101	4.09	10	1	0.04	10	0.94	490	3	0.03	23	670	4	0.05	<2	4	43	0.15	<10	<10	136	<10	72
L26+00N 89+75E	0.011	0.4	2.46	18	<10	100	<0.5	<2	1.38	0.5	13	33	87	3.72	10	1	0.04	10	0.89	430	4	0.03	25	700	4	0.05	<2	4	50	0.13	<10	<10	118	<10	69
L27+00N 70+00E	0.009	<0.2	2.69	12	<10	110	0.5	<2	0.66	<0.5	14	21	47	5.74	10	<1	0.08	10	0.64	651	2	0.02	16	3020	5	0.02	<2	4	27	0.23	<10	<10	133	<10	124
L27+00N 70+25E	0.008	<0.2	2.91	3	<10	70	0.5	<2	0.54	<0.5	14	18	41	5.12	10	<1	0.06	10	0.6	462	2	0.02	15	1320	4	0.02	<2	4	22	0.19	<10	<10	132	<10	120
L27+00N 70+50E	0.006	0.2	2.26	7	<10	90	0.6	<2	0.7	0.6	12	26	32	5.49	10	1	0.09	10	0.49	486	11	0.03	17	780	8	0.03	<2	3	31	0.3	<10	<10	136	<10	121
L27+00N 70+75E	0.016	<0.2	2.02	9	<10	80	<0.5	<2	0.65	<0.5	11	21	32	4.75	10	1	0.08	10	0.5	393	8	0.03	16	690	6	0.02	<2	3	28	0.2	<10	<10	136	<10	104
L27+00N 71+00E	0.005	0.3	1.95	<2	<10	110	<0.5	<2	0.66	0.7	14	21	36	4.8	10	1	0.07	<10	0.44	653	9	0.03	13	870	8	0.03	<2	3	27	0.19	<10	<10	126	<10	137
L27+00N 71+25E	0.008	0.2	2.44	9	<10	70	0.5	<2	1.1	<0.5	15	29	47	5.24	10	<1	0.07	10	0.6	499	7	0.03	24	1030	3	0.04	<2	3	40	0.28	<10	<10	125	<10	60
L27+00N 71+50E	<0.005	0.3	1.65	6	<10	90	<0.5	<2	0.47	<0.5	10	16	57	4.42	10	<1	0.1	<10	0.39	707	16	0.02	12	580	6	0.04	<2	3	24	0.15	<10	<10	134	<10	42
L27+00N 71+75E	<0.005	<0.2	1.92	7	<10	110	<0.5	<2	0.83	<0.5	12	21	37	5.16	10	<1	0.08	<10	0.53	625	10	0.02	16	850	7	0.03	<2	3	35	0.2	<10	<10	145	<10	101
L27+00N 72+25E	<0.005	<0.2	2.2	10	<10	140	<0.5	<2	0.77	<0.5	11	26	44	4.77	10	<1	0.08	<10	0.58	527	17	0.03	18	590	7	0.03	2	3	36	0.15	<10	<10	133	<10	76
L27+00N 72+50E	0.007	<0.2	2.02	9	<10	120	0.5	<2	0.61	<0.5	13	44	38	5.62	10	<1	0.09	10	0.63	607	12	0.03	26	830	10	0.03	<2	3	29	0.28	<10	<10	138	<10	137
L27+00N 72+75E	<0.005	<0.2	2.03	9	<10	120	0.5	<2	0.66	0.8	15	50	38	5.4	10	<1	0.08	10	0.7	549	5	0.03	31	1220	9	0.03	<2	3	30	0.27	<10	<10	132	<10	156
L27+00N 73+00E	<0.005	0.3	2.02	16	<10	100	<0.5	<2	0.74	0.5	13	32	52	5.07	10	<1	0.07	<10	0.65	576	9	0.03	22	790	5	0.03	<2	3	34	0.17	<10	<10	130	<10	84
L27+00N 73+25E	0.006	<0.2	2.12	15	<10	80	<0.5	<2	0.8	<0.5	14	47	61	5.05	10	<1	0.07	<10	0.79	635	6	0.03	30	760	4	0.03	<2	4	34	0.17	<10	<10	131	<10	69
L27+00N 73+75E	0.01	0.3	2.31	58	<10	250	0.7	<2	1.01	0.6	23	90	132	5.11	10	2	0.11	10	1.21	1065	2	0.03	83	1380	13	0.03	3	7	41	0.13	<10	<10	120	<10	107
L27+00N 74+25E	0.009	0.6	2.05	140	10	340	0.8	<2	0.81	1.1	28	106	114	5.26	10	<1	0.15	10	1.3	1580	4	0.03	89	1950	21	0.08	2	8	26	0.11	<10	<10	114	<10	171
L27+00N 74+50E	0.007	0.2	2.16	82	<10	180	<0.5	<2	0.56	0.6	24	147	87	5.94	10	<1	0.09	10	1	1320	8	0.03	84	1500	50	0.09	2	4	21	0.11	<10	<10	139	<10	161
L27+00N 74+75E	0.007	0.6	1.82	93	<10	560	<0.5	<2	1	1.3	17	109	91	5.85	10	<1	0.14	10	0.83	939	5	0.03	69	4180	22	0.06	4	5	32	0.11	<10	<10	137	<10	143
L27+00N 75+00E	0.007	0.4	2.27	57	<10	410	0.6	<2	0.93	0.9	19	120	73	5.09	10	<1	0.11	10	1.34	973	3	0.04	80	1990	11	0.04	<2	7	28	0.14	<10	<10	119	<10	233
L27+00N 76+25E	0.007	0.2	1.9	21	<10	220	0.6	<2	0.52	1.7	19	21	84	5.59	10	<1	0.08	10	0.45	1570	5	0.02	12	1460	59	0.03	<2	3	28	0.13	<10	<10	132	<10	282
L27+00N 76+50E	0.025	0.4	1.62	13	<10	170	0.5	<2	0.41	4.2	17	19	92	5.12	10	<1	0.06	10	0.41	1475	4	0.02	15	1750	21	0.03	<2	2	23	0.09	<10	<10	129	<10	253
L27+00N 78+00E	0.007	0.8	2.27	61	<10	420	0.6	<2	0.84	1.8	26	67	59	5.57	10	<1	0.1	10	0.83	1445	6	0.03	41	1720	15	0.04	<2	4	32	0.12	<10	<10	133	<10	281
L27+00N 78+50E	0.012	<0.2	1.71	13	<10	130	<0.5	<2	0.5	1.8	14	23	44	6.19	10	<1	0.06	10	0.64	613	2	0.02	20	2670	7	0.02	2	4	20	0.11	<10	<10	149	<10	237
L27+00N 78+75E	0.007	0.2	1.87	7	<10	160	0.6	<2	0.6	1.9	14	24	54	5.8	10	<1	0.1	<10	0.66	670	2	0.02	20	2200	9	0.02	<2	4	23	0.11	<10	<10	145	<10	274
L27+00N 79+00E	0.005	0.2	2.39	42	10	210	1.1	<2	1.26	0.5	20	17	171	5.59	10	<1	0.1	20	0.75	2390	9	0.02	21	1770	8	0.06	<2	8	38	0.06	<10	<10	120	<10	114
L27+00N 79+50E	0.006	<0.2	2.87	15	10	130	0.8	<2	1.49	<0.5	28	74	122	5.72	10	<1	0.14	10	1.38	762	2	0.04	70	1780	6	0.09	<2	6	58	0.15	<10	<10	131	<10	131
L27+00N 79+75E	0.005	<0.2	2.87	14	10	150	1	<2	1.72	<0.5	30	87	118	6.1	10	<1	0.25	10	1.56	720	2	0.05	90	2400	5	0.1	<2	7	59	0.19	<10	<10	120	<10	128
L27+00N 80+00E	<0.005	<0.2	2.72	9	10	180	0.8	<2	1.45	0.5	29	94	120	5.73	10	<1	0.2	10	1.46	768	2	0.04	89	1850	4	0.12	<2	6	56	0.15	<10	<10	120	<10	128
L27+00N 80+25E	<0.005	<0.2	2.66	7	<10	150	0.8	<2	1.52	<0.5	28	90	109	5.61	10	<1	0.17	10	1.43	663	1	0.04	78	2000	5	0.09	<2	6	52	0.16	<10	<10	122	<10	127
L27+00N 81+25E	<0.005	<0.2	3.27	13	<10	140	0.5	<2	2.03	<0.5	35	56	200	6.78	10	<1	0.11	10	1.68	1220	1	0.07	60	1740	5	0.04	<2	9	82	0.16	<10	<10	182	10	90
L27+00N 81+75E	<0.005	0.2	2.62	12	<10	170	<0.5	<2	2.23	0.5	28	58	182	5.66	10	<1	0.14	10	1.55	1885	1	0.06	64	1940	11	0.05	<2	7	69	0.14	<10	<10	153	<10	107
L27+00N 82+00E	<0.005	0.3	2.86	7	<10	330	<0.5	<2	1.37	<0.5	25	29	113	7.13	10	1	0.1	<10	1.27	1120	1	0.04	28	2440	3	0.04	2	6	58	0.1	<10	<10	191	<10	146
L27+00N 82+25E	<0.005	0.2	2.92	12	<10	160	<0.5	<2	1.32	0.6	28	32	107	6.73	10	<1	0.16	<10	1.36	906	1	0.04	35	1200	3	0.03	2	7	64	0.14	<10	<10	190	<10	193
L27+00N 82+75E	<0.005	<0.2	2.92	8	<10	160	<0.5	<2	1.24	<0.5	27	21	93	7.42	10	<1	0.1	<10	1.2	1260	1	0.04	24	1740	<2	0.02	4	6	65	0.13	<10	<10	234	<10	121
L27+00N 83+00E	<0.005	<0.2	3.11	10	<10	140	<0.5	<2	1.33	<0.5	23	18	91	7.52	10	<1	0.1	<10	1.2	724	1	0.03	20	2400	<2	0.05	<2	4	68	0.09	<10	<10	238	<10	116
L27+00N 83+50E	0.005	0.2	3.13	5	<10	90	<0.5	<2	1.03	<0.5	21	22	95	6.54	10	<1	0.08	<10	1.18	520	2	0.03	25	1380	<2	0.02	<2	7	52	0.11	<10	<10	215	<10	101
L27+00N 83+75E	<0.005	0.3	2.88	8	<10	130	<0.5	<2	0.87	<0.5	20	33	80	6.07	10	<1	0.07	<10	1.2	654	2	0.03	29	1840	<2	0.02	<2	6	46	0.12	<10	<10	180	<10	138
L27+00N 84+00E	<0.005	0.3	2.64	6	<10	100	<0.5	<2	0.74	<0.5	23	33	62	6.31	10	<1	0.06	<10	1.06	779	2	0.03	28	990	<2	0.01	<2	6	37	0.14	<10	<10	197	<10	118
L27+00N 84+25E	0.024	0.2	3.11	14	<10	140	<0.5	<2	1.1	<0.5	20	21	99	6.19	10	<1	0.1	<10	1.12	978	1	0.03	20	2760	<2	0.03	<2	6	53	0.11	<10	<10	194	<10	121
L27+00N 84+50E	<0.005	0.2	3.11	15	<10	130	<0.5	<2	0.94	<0.5	20	27	102	6.53	10	<1	0.05	<10	1.16	730	1	0.03	30	3740	<2	0.03	<2	6	48	0.13	<10	<10	200	<10	107
L27+00N 84+75E	<0.005	0.2	3.41	17	<10	120	<0.5	<2	1.01	<0.5	23	31	126	7.03	10	<1	0.07	<10	1.28	550	1	0.04	37	2560	<2	0.03	<2	7	51	0.14	<10	<10	211	10	106
L27+00N 85+00E	<0.005	0.4	3.68	30	<10	130	<0.5	<2	0.96	<0.5	32	38	139	6.84	10	<1	0.07	<10	1.46	757	1	0.04	46	2110	3	0.02	<2	8	51	0.17	<10	<10	197	<10	148
L27+00N 85+25E	<0.005	0.3	2.78	18	<10	120	<0.5	<2	0.81	<0.5	21	27	102	6.23	10	<1	0.06	<10	1	1150	2	0.03	29	2280	5	0.03	2	5	46	0.14	<10	<10	188	<10	107
L27+00N 85+50E	<0.005	0.4	2.64	10	<10	140	<0.5	<2	0.87	<0.5	20	29	76	6.07	10	<1	0.08	<10	1.12	724	7	0.03	29	1080	<2	0.03	2	6	45	0.17	<10	<10	181	<10	134
L27+00N 85+75E	<0.005	0.7	3.29	4	<10	140	0.5	<2	1.36	<0.5	21	34	123	5.33	10	1	0.04	10	1.1	1205	24	0.04	31	990	2	0.04	<2	7	60	0.13	<10	<10	154	<10	116
L27+00N 86+00E	<0.005	0.5	3.1	5	10	150	0.5	<2	1.26	<0.5	23	29	111	5.44	10	1	0.05	<10	1.06	828	13	0.04	29	1110	3	0.03	<2	7	55	0.13	<10	<10	148	<10	105
L27+00N 87+00E	<0.005	0.4	2.49	6	<10	110	<0.5	<2	0.78	<0.5	11	23	54	4.32	10	<1	0.04	<10	0.75	464	6	0.03	14	670	<2	0.02	<2	4	34	0.21	<10	<10	120	<10	91
L27+00N 87+25E	<0.005	0.2	2.83	26	<10	150	0.5	<2	1.79	<0.5	21	60	279	5.69	10	<1	0.06	10	1.6	2020	21	0.05	60	1770	2	0.04	4	8	88	0.18	<10	<10	122	<10	81
L27+00N 87+50E	<0.005	0.3	3.2	28	<10	150	0.5	<2	1.58	<0.5	26	63	253	5.38	10	<1	0.06	10	1.62	1510	12	0.05	61	1240	3	0.03	3	8	72	0.2	<10	<10	130	<10	142
L27+00N 87+75E	<0.005	0.2	3.56	18	<10	120	0.6	<2	0.84	<0.5	16	25	76	4.4	10	<1	0.06	<10	0.75	608	2	0.02	22	2770	<2	0.04	2	5	36	0.14	<10	<10	131	<10	127
L27+00N 88+00E	<0.005	0.3	3.1	14	<10	110	0.5	<2	0.55	<0.5	15	29	49	5.01	10	1	0.04	<10	0.72	452	4	0.02	23	960	<2	0.02	<2	4	28	0.22	<10	<10	154	<10	128
L27+00N 88+25E	<0.005	0.3	2.41	8	<10	110	<0.5	<2	0.54	<0.5	15	25	38	4.39	10	<1	0.05	<10	0.6	763	2	0.02	18	2030	5	0.02	<2	3	25	0.15	<10	<10	134	<10	169
L27+00N 88+50E	<0.005	0.4	3.33	67	10	210	0.6	<2	2.09	<0.5	38	79	360	6.84	10	1	0.06	10	1.64	2520	34	0.04	79	1980	6	0.12	7	7	79	0.14	<10	<10	150	<10	131
L27+00N 88+75E	0.008	0.4	3.7	65	<10	160	0.7	<2	2.07	<0.5	51	108	582	6.61	10	<1	0.1	10	2.24	1360	7	0.05	113	1860	10	0.04	5	10	109	0.24	<10	<10	148	<10	152
L27+00N 89+00E	<0.005	0.3	3.86	61	10	210	0.7	<2	1.7	<0.5	34	97	432	6.44	10	<1	0.09	10	2.12	1095	8	0.05	102	1450	7	0.06	3	10	65	0.18	<10	<10	142	<10	195
L27+00N 89+25E	<0.005	0.3	4.69	40	10	210	0.7	<2	1.28	<0.5	40	91	392	6.82	10	1	0.07	10	2.28	2370	8	0.05	106	1030	5	0.04	3	12	55	0.17	<10	<10	160	<10	152
L27+00N 89+50E	<0.005	0.4	4.32	51	<10	180	0.7	<2	1.32	<0.5	44	97	423	6.65	10	<1	0.06	10	2.14	1885	7	0.04	104	1060	6	0.04	2	9	51	0.19	<10	<10	156	<10	202
L27+00N 89+75E	<0.005	0.4	3.52	22	<10	70	0.5	<2	0.47	<0.5	10	32	41	5.22	10	<1	0.05	<10	0.54	812	4	0.01	16	2430	3	0.04	<2	4	25	0.18	<10	<10	158	<10	126

VA05081238 - Finalized
CLIENT : "UNEXMA - United Exploration Management Inc."
# of SAMPLES : 143
DATE RECEIVED : 2005-09-22 DATE FINALIZED : 2005-10-05
PROJECT : "RHG"
CERTIFICATE COMMENTS : "NSS is non-sufficient sample."
PO NUMBER : " "

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L31+00N S86+00E	0.023	0.3	3.05	45	<10	80	0.6	3	2.48	<0.5	36	49	411	6.91	10	<1	0.17	10	1.91	869	4	0.06	47	2070	10	0.05	2	8	108	0.27	<10	<10	156	<10	96
L31+00N S86+25E	0.017	0.2	3.19	33	<10	100	0.6	3	2.29	0.7	45	95	293	6.19	10	<1	0.21	10	2.23	1080	2	0.05	89	2790	8	0.03	2	8	113	0.24	<10	<10	142	<10	172
L31+00N S86+50E	0.019	0.2	3.24	41	<10	90	0.6	<2	2.38	<0.5	40	65	367	6.54	10	1	0.23	10	2.21	927	3	0.07	59	2390	7	0.05	<2	8	124	0.3	<10	<10	151	<10	135
L31+00N S86+75E	0.019	0.2	2.94	37	10	90	0.5	<2	2.26	<0.5	37	65	351	6.24	10	<1	0.14	10	1.76	878	3	0.04	64	2470	6	0.05	<2	7	102	0.22	<10	<10	154	<10	108
L31+00N S87+00E	0.018	0.3	3.35	63	10	110	0.6	<2	2.2	<0.5	50	105	551	6.27	10	<1	0.16	10	2.34	1275	2	0.05	110	1890	9	0.03	4	10	106	0.25	<10	<10	144	<10	118
L31+00N S87+25E	0.015	0.3	3.16	77	10	100	0.6	3	2.17	<0.5	46	96	579	6.19	10	<1	0.15	10	2.12	1340	3	0.05	100	1710	7	0.02	7	9	99	0.23	<10	<10	135	<10	120
L31+00N S87+50E	0.018	0.4	3.13	56	10	100	0.6	2	2.13	<0.5	43	93	486	6.08	10	<1	0.14	10	2.17	1205	2	0.05	97	1800	11	0.03	4	9	102	0.23	<10	<10	137	<10	114
L31+00N S87+75E	0.019	<0.2	3	57	<10	110	0.6	2	1.75	0.5	38	88	317	5.84	10	<1	0.11	10	1.98	1095	2	0.05	86	2210	7	0.04	5	7	91	0.2	<10	<10	129	<10	192
L31+00N S88+00E	0.031	0.2	3.19	56	<10	130	0.6	3	1.55	<0.5	36	83	286	5.98	10	<1	0.09	<10	2.03	941	3	0.04	75	1800	6	0.05	<2	5	115	0.2	<10	<10	141	<10	110
L31+00N S88+25E	0.014	0.3	2.4	49	<10	140	0.5	<2	1.48	3.2	47	58	325	5.31	10	<1	0.15	10	1.34	1875	4	0.03	58	1040	8	0.06	2	5	65	0.18	<10	<10	130	<10	151
L31+00N S88+50E	0.093	0.3	3.21	22	<10	110	0.7	2	1.37	<0.5	33	53	314	5.29	10	<1	0.16	10	1.7	1235	2	0.03	47	1300	8	0.04	<2	9	94	0.18	<10	<10	146	<10	119
L31+00N S88+75E	0.021	<0.2	2.51	10	<10	140	<0.5	<2	1.2	0.7	31	56	158	5.2	10	<1	0.41	<10	1.82	833	2	0.03	48	1740	3	0.05	2	7	64	0.2	<10	<10	147	<10	153
L31+00N S89+00E	0.008	<0.2	2.47	19	<10	100	<0.5	2	1.3	<0.5	37	66	184	6.22	10	<1	0.26	<10	2.47	710	2	0.04	65	1420	3	0.05	<2	9	68	0.24	<10	<10	146	<10	77
L31+00N S89+25E	0.014	<0.2	2.72	10	<10	120	<0.5	<2	1.42	<0.5	34	71	219	5.86	10	<1	0.27	<10	2.18	781	2	0.04	67	1540	3	0.05	<2	10	73	0.23	<10	<10	148	<10	104
L31+00N S89+50E	0.016	<0.2	2.47	11	<10	90	<0.5	<2	1.17	<0.5	34	76	163	5.67	10	<1	0.21	<10	2.47	716	1	0.04	66	1250	2	0.03	<2	9	66	0.23	<10	<10	147	<10	101
L31+00N S89+75E	0.007	<0.2	2.45	16	<10	100	<0.5	2	1.28	<0.5	36	64	180	6.1	10	<1	0.22	<10	2.2	704	3	0.03	54	1370	<2	0.03	<2	9	65	0.24	<10	<10	151	<10	76
L32+00N S86+25E	0.018	0.2	3.11	36	10	120	0.5	3	2.33	<0.5	44	84	354	6.91	10	<1	0.17	10	1.81	991	3	0.04	68	2740	10	0.04	<2	8	132	0.22	<10	<10	172	<10	120
L32+00N S86+50E	0.01	0.4	3.26	40	10	90	0.6	2	2.11	<0.5	47	145	454	6.1	10	<1	0.13	10	2.44	1075	2	0.05	118	1960	9	0.02	2	9	108	0.25	<10	<10	138	<10	114
L32+00N S86+75E	0.007	<0.2	2.85	23	<10	100	0.5	2	1.72	<0.5	44	72	253	6	10	<1	0.19	<10	1.74	1265	4	0.04	68	2630	8	0.04	<2	6	89	0.22	<10	<10	140	<10	145
L32+00N S87+00E	0.015	0.2	2.84	27	<10	90	0.5	<2	1.33	<0.5	41	96	321	5.07	10	<1	0.12	10	1.76	996	2	0.05	93	1500	6	0.04	<2	6	76	0.21	<10	<10	126	<10	96
L32+00N S87+25E	0.011	0.2	2.53	64	10	100	0.6	2	1.92	0.5	39	74	305	5.38	10	<1	0.19	10	1.59	1360	2	0.04	71	2350	8	0.07	5	5	85	0.15	<10	<10	121	<10	146
L32+00N S88+00E	0.013	0.2	2.4	24	<10	120	<0.5	<2	1.58	1.5	31	50	242	5.44	10	<1	0.15	<10	1.4	909	4	0.03	46	2170	5	0.05	<2	5	90	0.18	<10	<10	132	<10	146
L32+00N S88+25E	0.023	0.2	3.09	20	<10	110	0.7	2	1.33	<0.5	31	50	302	5.19	10	<1	0.23	10	1.68	1210	2	0.03	45	1620	7	0.03	<2	9	95	0.18	<10	<10	141	<10	116
L32+00N S88+50E	0.01	<0.2	2.27	14	<10	170	<0.5	2	1.28	2.5	38	73	181	5.17	10	<1	0.29	<10	1.66	1225	1	0.03	57	1840	5	0.04	<2	6	71	0.19	<10	<10	140	<10	220
L32+00N S88+75E	0.007	<0.2	2.64	17	<10	150	<0.5	<2	1.32	<0.5	39	63	228	5.96	10	<1	0.32	<10	2.26	877	2	0.03	62	1760	4	0.05	<2	9	75	0.23	<10	<10	144	<10	95
L32+00N S89+00E	0.01	<0.2	2.7	14	<10	110	<0.5	<2	1.19	<0.5	38	67	210	6.34	10	<1	0.28	<10	2.43	763	3	0.03	62	1670	3	0.04	<2	10	71	0.24	<10	<10	153	<10	85
L32+00N S89+25E	0.014	<0.2	2.53	13	<10	100	<0.5	2	1.12	<0.5	32	64	184	6.38	10	<1	0.2	<10	2.35	625	2	0.03	54	1520	3	0.03	<2	9	65	0.24	<10	<10	164	<10	79
L32+00N S89+50E	0.006	<0.2	3.27	14	<10	130	<0.5	<2	1.34	<0.5	37	90	217	7.23	10	1	0.44	10	2.41	835	3	0.05	75	1850	8	0.03	<2	11	96	0.3	<10	<10	179	<10	94
L32+00N S89+75E	0.006	<0.2	3.06	25	<10	130	<0.5	<2	1.2	0.5	33	79	193	6.33	10	1	0.32	<10	2.34	796	1	0.05	67	2180	6	0.03	<2	9	70	0.26	<10	<10	166	<10	124
L33+00N S86+00E	0.021	0.4	3.73	69	10	130	0.7	3	2.41	<0.5	53	93	580	7.68	10	<1	0.14	10	2.28	1265	3	0.05	97	2290	15	0.03	2	9	131	0.28	<10	<10	168	<10	126
L33+00N S86+25E	0.018	0.2	3.1	44	10	130	0.7	<2	2.45	<0.5	51	41	617	6.47	10	<1	0.25	10	1.6	1310	10	0.04	53	2220	10	0.1	<2	6	113	0.22	<10	<10	124	<10	96
L33+00N S86+50E	NSS	0.3	3.03	41	10	240	0.7	2	2.22	<0.5	53	42	384	6.28	10	1	0.22	10	1.4	1445	10	0.03	50	2160	10	0.12	<2	6	117	0.17	<10	<10	127	<10	93
L33+00N S86+75E	0.013	0.3	3.04	35	10	250	0.6	<2	2.09	<0.5	51	37	352	6.44	10	<1	0.15	10	1.3	2000	8	0.03	41	2250	11	0.09	<2	5	103	0.17	<10	<10	140	<10	93
L33+00N S87+50E	0.006	<0.2	3.88	8	10	70	<0.5	<2	0.85	<0.5	28	31	104	5.86	10	<1	0.11	<10	1.14	464	1	0.03	32	1000	4	0.02	<2	3	50	0.19	<10	<10	165	<10	96
L33+00N S87+75E	0.019	0.3	3.19	28	<10	100	0.8	<2	1.46	0.6	38	61	334	5.24	10	1	0.13	10	1.55	1610	2	0.02	60	1410	7	0.04	<2	7	95	0.15	<10	<10	133	<10	148
L33+00N S88+25E	0.019	0.3	3.43	27	10	110	0.8	<2	1.44	<0.5	34	57	340	5.65	10	<1	0.14	10	1.76	1340	1	0.03	56	1340	7	0.03	<2	9	94	0.18	<10	<10	150	<10	128
L33+00N S88+50E	0.007	<0.2	2.51	17	10	170	<0.5	<2	1.18	<0.5	39	107	167	6.05	10	2	0.4	<10	1.88	1315	2	0.03	52	1420	9	0.08	<2	8	83	0.24	<10	<10	160	<10	101
L33+00N S88+75E	0.009	0.2	2.33	10	<10	210	<0.5	<2	1.48	1	52	91	194	5.6	10	2	0.39	10	1.47	2100	2	0.04	56	2410	7	0.08	<2	5	76	0.15	<10	<10	132	<10	162
L33+00N S89+00E	0.007	<0.2	2.65	18	<10	110	<0.5	<2	1.28	<0.5	38	75	190	6.78	10	2	0.28	<10	2.47	768	1	0.04	68	1480	2	0.05	<2	9	70	0.25	<10	<10	169	<10	81
L33+00N S89+25E	<0.005	<0.2	2.79	14	<10	130	<0.5	<2	1.08	<0.5	29	79	162	6	10	<1	0.3	<10	2.14	816	1	0.05	60	1510	6	0.05	<2	9	68	0.26	<10	<10	173	<10	78
L33+00N S89+75E	0.005	<0.2	2.79	22	10	160	<0.5	<2	1.41	<0.5	31	74	197	6.72	10	1	0.34	10	2.02	775	2	0.04	49	1800	8	0.04	<2	9	79	0.28	<10	<10	172	<10	99
BL90E S25+25E	<0.005	0.2	2.6	23	<10	60	<0.5	<2	0.56	<0.5	18	50	66	4.46	10	1	0.05	<10	0.98	1020	2	0.02	30	2090	5	0.01	<2	5	33	0.14	<10	<10	127	<10	105
BL90E S25+50E	0.005	0.3	2.29	18	<10	70	<0.5	<2	0.51	<0.5	14	43	71	4.15	10	<1	0.04	<10	0.91	766	1	0.02	29	1160	4	0.01	<2	3	33	0.12	<10	<10	121	<10	80
BL90E S25+75E	<0.005	0.2	1.68	22	<10	60	<0.5	<2	0.86	<0.5	14	39	72	3.55	10	1	0.05	10	0.97	520	3	0.03	27	1170	6	0.01	<2	5	31	0.09	<10	<10	93	<10	74
BL90E S26+00E	<0.005	<0.2	2.44	28	<10	120	0.5	<2	1.04	<0.5	19	48	114	4.58	10	1	0.05	10	1.25	902	6	0.03	39	1160	8	0.01	<2	7	44	0.11	<10	<10	118	<10	99
BL90E S26+25E	<0.005	<0.2	2.77	33	10	120	<0.5	<2	1.24	<0.5	21	45	102	5.1	10	2	0.06	10	1.32	1120	13	0.03	36	1120	10	0.02	<2	7	55	0.13	<10	<10	145	<10	102
BL90E S26+50E	0.007	0.2	4.02	23	10	140	0.6	<2	1.04	<0.5	28	45	216	6.25	10	1	0.08	10	1.77	1005	2	0.03	54	1520	4	0.02	<2	9	53	0.15	<10	<10	141	<10	117
BL90E S26+75E	0.015	<0.2	3.22	23	<10	80	0.5	<2	0.7	<0.5	19	49	142	4.75	10	1	0.06	<10	1.28	890	3	0.03	45	1380	7	0.02	<2	4	37	0.14	<10	<10	126	<10	124
BL90E S27+00E	0.013	0.2	2.69	20	<10	110	0.5	<2	0.5	<0.5	11	27	38	5.53	10	<1	0.05	10	0.58	951	3	0.02	18	2110	8	0.03	<2	3	28	0.19	<10	<10	158	<10	158
BL90E S27+25E	0.011	0.2	2.94	18	<10	110	0.5	<2	0.73	<0.5	12	31	77	4.88	10	1	0.05	10	0.54	1215	4	0.02	17	1880	6	0.04	<2	4	35	0.15	<10	<10	136	<10	151
BL90E S27+50E	0.009	<0.2	2.07	14	<10	120	<0.5	<2	0.57	<0.5	11	25	43	4.94	10	<1	0.07	<10	0.51	805	4	0.02	14	2630	7	0.03	<2	2	26	0.15	<10	<10	146	<10	138
BL90E S27+75E	0.009	0.3	3.83	72	10	120	0.7	<2	2.26	<0.5	48	101	579	6.51	10	1	0.15	10	2.45	1285	5	0.06	108	1870	11	0.04	<2	9	115	0.25	<10	<10	141	<10	141
BL90E S28+00E	0.01	0.3	3.64	75	10	130	0.7	<2	2.1	<0.5	47	94	563	6.23	10	<1	0.14	10	2.41	1325	2	0.06	109	1800	10	0.02	2	9	112	0.25	<10	<10	133	<10	131
BL90E S28+25E	<0.005	<0.2	2.69	13	<10	80	0.5	<2	1.28	<0.5	20	40	204	5.03	10	1	0.11	10	1.5	533	4	0.03	39	1280	5	0.02	<2	6	79	0.19	<10	<10	135	<10	93
BL90E S28+50E	0.005	0.2	2.94	20	<10	170	<0.5	<2	0.85	<0.5	24	47	122	4.99	10	1	0.05	<10	1.34	1605	4	0.03	47	730	5	0.03	<2	5	43	0.19	<10	<10	130	<10	156
BL90E S28+75E	0.006	<0.2	3.22	64	10	100	0.6	<2	1.9	<0.5	45	93	309	6.11	10	1	0.19	10	2.33	1250	1	0.06	107	2500	11	0.03	4	7	72	0.19	<10	<10	131	<10	130
BL90E S29+00E	0.005	<0.2	3.34	22	10	140	<0.5	<2	1.65	<0.5	48	77	246	6.72	10	<1	0.19	10	3	1025	3	0.05	90	1420	<2	0.04	<2	11	85	0.27	<10	<10	154	<10	130
BL90E S29+25E	<0.005	0.2	2.33	16	10	190	<0.5	<2	1.1	<0.5	16	33	57	5.17	10	1	0.1	<10	0.93	700	2	0.03	27	1030	9	0.04	<2	4	42	0.23	<10	<10	137	<10	171
BL90E S29+50E	<0.005	0.2	2.76	9	<10	140	0.6	<2	0.64	0.5	19	33	39	5.68	10	<1	0.06	10	0.77	556	2	0.02	23	1540	9	0.01	<2	4	31	0.29	<10	<10	140	<10	194
BL90E S29+75E	0.006	0.2	3.58	22	10	80	0.6	<2	0.65	<0.5	15	31	98	5.94	10	1	0.05	10	0.72	368	1	0.02	24	1650	4	0.01	<2	4	25	0.23	<10	<10	166	<10	75
BL90E S30+00E	<0.005	<0.2	3	13	<10	130	<0.5	<2	1.4	0.7	38	86	205	6.1	10	1	0.3	<10	2.59	778	2	0.05	85	1450	6	0.02	<2	9	68	0.25	<10	<10	156	<10	91
BL90E S30+25E	<0.005	<0.2	2.64	15	10	130	<0.5	<2	1.4	<0.5	36	63	216	6.73	10	1	0.24	10	2.18	736	2	0.03	61	1540	8	0.04	<2	9	70	0.26	<10	<10	164	<10	89
BL90E S30+50E	<0.005	<0.2	2.6	15	<10	110	<0.5	<2	1.19	<0.5	36	82	218	6.6	10	1	0.2	<10	2.44	703	2	0.04	78	1320	4	0.03	<2	9	68	0.24	<10	<10	173	<10	75
BL90E S30+75E	0.005	0.2	3.09	23	<10	120	<0.5	<2	1.08	0.5	31	79	188	6.35	10	2	0.25	10	2.3	772	3	0.05	63	1320	5	0.04	<2	9	67	0.26	<10	<10	172	<10	122
BL90E S31+00E	<0.005	<0.2	3.13	18	<10	100	<0.5	<2	1.34	<0.5	33	84	206	6.43	10	1	0.17	<10	2.43	766	5	0.06	68	1220	5	0.03	<2	10	68	0.28	<10	<10	174	<10	98
BL90E S31+25E	<0.005	<0.2	2.94	24	10	100	<0.5	<2	1.33	<0.5	28	97	168	6.37	10	<1	0.44	<10	2.39	686	2	0.05	69	1440	8	0.03	<2	9	67	0.26	<10	<10	166	<10	84
BL90E S31+50E	<0.005	<0.2	2.98	16	<10	110	<0.5	<2	1.18	<0.5	27	91	150	6.15	10	<1	0.17	<10	2.24	621	2	0.05	66	1220	8	0.03	<2	8	67	0.26	<10	<10	166	<10	110
BL90E S31+75E	0.005	0.2	2.94	16	<10	130	<0.5	<2	1.09	0.5	34	89	231	6.34	10	<1	0.2	10	2.26	789	2	0.05	78	1310	4	0.03	<2	9	63	0.27	<10	<10	164	<10	108
BL90E S32+00E	<0.005	<0.2	2.7	15	<10	140	<0.5	<2	1.08	<0.5	30	93	198	6.37	10	<1	0.27	10	2.1	774	2	0.05	74	1780	8	0.03	<2	8	60	0.25	<10	<10	167	<10	106
BL90E S32+25E	<0.005	0.3	3.06	17	<10	110	<0.5	<2	1.15	<0.5	29	79	182	6.57	10	2	0.18	<10	2.31	685	2	0.05	61	1540	5	0.03	<2	9	81	0.28	<10	<10	177	<10	113
BL90E S32+50E	0.006	<0.2	2.42	21	10	150	<0.5	<2	1.31	<0.5	30	71	176	7.01	10	<1	0.23	10	1.68	703	1	0.05	43	1750	8	0.05	<2	8	69	0.25	<10	<10	189	<10	87
BL90E S32+75E	<0.005	<0.2	2.56	17	10	140	<0.5	2	1.16	<0.5	31	64	200	6.93	10	1	0.24	10	1.83	714	2	0.04	45	1710	6	0.05	<2	9	68	0.26	<10	<10	184	<10	92
BL90E S33+00E	0.006	<0.2	2.87	16	10	160	<0.5	2	1.37	<0.5	31	62	225	6.84	10	1	0.29	10	2.14	772	2	0.04	50	1660	8	0.04	<2	10	85	0.28	<10	<10	173	<10	85
BL90E S33+25E	0.006	0.2	2.93	22	<10	160	<0.5	<2	1.42	<0.5	33	75	242	6.58	10	<1	0.3	10	2.21	768	2	0.05	70	1680	3	0.05	<2	9	72	0.27	<10	<10	172	<10	82
BL90E S33+50E	0.005	0.3	2.43	12	<10	80	0.5	<2	0.65	<0.5	37	36	149	4.85	10	<1	0.06	10	0.62	689	4	0.04	30	780	11	0.03	<2	2	38	0.27	<10	<10	131	<10	80
L36+00N S70+00E	0.015	0.3	2.85	94	<10	100	0.9	<2	0.46	<0.5	26	97	170	5.74	10	2	0.05	10	0.91	1130	1	0.03	102	1870	7	0.08	3	3	20	0.08	<10	<10	117	<10	144
L36+00N S70+25E	<0.005	0.7	2.82	17	<10	100	0.7	<2	0.34	<0.5	15	103	93	4.87	10	1	0.08	10	1.28	1190	2	0.04	67	1340	6	0.12	<2	3	27	0.11	<10	<10	114	<10	118
L36+00N S70+50E	0.009	0.5	2.46	54	<10	70	2.1	<2	0.55	1.1	30	78	140	8.56	10	<1	0.09	40	0.98	4700	7	0.03	86	1900	22	0.05	<2	10	27	0.06	<10	<10	134	<10	395
L36+00N S70+75E	0.008	0.5	4.22	39	<10	200	0.6	<2	1.02	0.6	72	317	319	6.57	10	2	0.25	10	3.8	1400	<1	0.06	341	1160	12	0.05	<2	11	32	0.18	<10	<10	127	<10	114
L36+00N S71+00E	<0.005	0.4	3.44	29	<10	220	0.6	<2	0.9	<0.5	56	275	206	5.43	10	1	0.43	10	2.46	986	<1	0.04	288	730	10	0.03	<2	6	50	0.2	<10	<10	126	<10	94
L36+00N S71+25E	<0.005	0.2	3.1	19	<10	180	0.5	<2	0.8	<0.5	57	264	229	4.42	10	1	0.34	<10	2.71	684	<1	0.06	359	760	9	0.02	<2	5	20	0.22	<10	<10	95	<10	74
L36+00N S71+50E	<0.005	0.2	3.14	13	<10	200	<0.5	<2	0.89	<0.5	54	309	194	4.22	10	1	0.32	<10	2.89	584	<1	0.05	366	830	6	0.02	<2	5	68	0.22	<10	<10	90	<10	65
L36+00N S71+75E	<0.005	<0.2	3.28	16	<10	210	0.6	<2	0.7	<0.5	45	461	155	4.59	10	1	0.65	10	3.33	830	<1	0.03	368	760	9	0.02	<2	3	17	0.27	<10	<10	106	<10	75
L36+00N S72+00E	0.006	0.5	3.4	43	10	140	0.6	<2	1.44	<0.5	99	532	298	6.44	10	2	0.22	10	4.13	1175	<1	0.05	667	810	15	0.03	<2	8	28	0.2	<10	<10	105	<10	114
L36+00N S72+25E	0.006	0.4	3.64	24	10	140	0.7	<2	0.95	<0.5	87	419	295	6.17	10	2	0.25	10	3.18	767	<1	0.05	636	960	17	0.03	<2	5	38	0.19	<10	<10	103	<10	112
L36+00N S72+50E	<0.005	0.2	3.52	12	<10	150	<0.5	<2	0.51	<0.5	60	629	210	5.28	10	1	0.28	<10	3.91	545	<1	0.05	508	700	11	0.02	<2	2	19	0.22	<10	<10	85	<10	74
L36+00N S72+75E	<0.005	0.2	3.34	12	10	150	0.5	<2	0.75	<0.5	58	453	277	4.79	10	<1	0.25	10	3.28	443	1	0.05	584	710	10	0.03	<2	3	17	0.22	<10	<10	88	<10	65
L36+00N S73+00E	<0.005	0.2	2.92	23	<10	150	<0.5	<2	0.87	<0.5	89	450	277	5.06	10	1	0.31	10	3.36	654	<1	0.06	600	860	9	0.02	<2	4	18	0.2	<10	<10	85	<10	68

SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L36+00N S73+25E	0.016	0.9	4.01	28	10	120	0.8	<2	1.41	<0.5	230	445	472	7.66	10	1	0.15	10	4.87	1745	1	0.04	1125	810	37	0.02	<2	7	62	0.16	<10	<10	108	<10	148
L36+00N S73+50E	<0.005	<0.2	3.88	9	20	210	1.9	<2	0.66	<0.5	60	103	152	8.79	10	<1	0.45	20	1.87	986	1	0.03	190	1380	2	0.04	<2	8	63	0.22	<10	<10	109	<10	394
L36+00N S73+75E	<0.005	<0.2	3.47	6	20	150	0.9	<2	0.62	<0.5	39	92	133	7.63	10	<1	0.69	10	1.7	741	<1	0.07	303	1900	4	0.7	<2	9	86	0.14	<10	<10	72	<10	167
L36+00N S74+00E	<0.005	<0.2	3.5	18	10	100	2	<2	0.57	<0.5	33	72	90	6.89	10	<1	0.28	20	1.58	1125	<1	0.02	78	1740	8	0.06	<2	6	35	0.21	<10	<10	84	<10	197
L36+00N S74+25E	<0.005	0.2	3.33	12	10	60	2.9	<2	0.7	<0.5	29	68	61	5.09	10	1	0.17	10	1.53	896	<1	0.02	69	1500	6	0.04	<2	4	48	0.2	<10	<10	76	<10	154
L36+00N S74+50E	<0.005	0.2	3.46	20	<10	70	1.8	2	0.75	<0.5	30	70	73	5.98	10	<1	0.19	10	1.39	906	1	0.03	68	1330	7	0.12	<2	3	56	0.17	<10	<10	79	<10	150
L36+00N S74+75E	<0.005	<0.2	3.67	10	10	80	1.7	<2	0.8	<0.5	29	96	94	5.76	10	<1	0.18	10	1.64	1020	<1	0.03	86	1640	4	0.03	<2	6	42	0.2	<10	<10	96	<10	133
L36+00N S75+00E	<0.005	<0.2	3.76	11	10	90	1.9	<2	1.14	<0.5	30	69	92	6.09	10	<1	0.21	10	1.56	1115	<1	0.03	70	2070	5	0.04	<2	6	64	0.21	<10	<10	92	<10	136
L36+00N S75+25E	<0.005	<0.2	3.79	7	10	70	2.1	<2	1.04	<0.5	30	55	90	6.2	10	1	0.22	20	1.72	1025	<1	0.03	57	2130	9	0.03	<2	6	60	0.18	<10	<10	92	<10	135
L36+00N S75+50E	0.03	0.3	3.72	4	<10	50	2.1	<2	1.28	<0.5	30	46	85	6.42	10	<1	0.21	20	1.75	970	<1	0.03	57	1960	5	0.02	<2	6	69	0.21	<10	<10	88	<10	120
L36+00N S75+75E	0.006	0.2	3.01	9	10	90	1.5	<2	1.27	<0.5	33	96	114	5.72	10	2	0.13	10	1.18	1255	<1	0.03	77	1370	8	0.04	<2	5	70	0.12	<10	<10	94	<10	114
L36+00N S76+00E	0.01	<0.2	3.14	14	10	150	1	<2	0.95	0.8	27	88	205	10.55	10	2	0.28	20	1.42	801	4	0.04	50	3180	8	0.1	<2	8	46	0.15	<10	<10	117	<10	231
L36+00N S76+25E	0.012	<0.2	2.17	18	<10	120	0.7	<2	0.76	0.6	23	104	120	4.28	10	<1	0.08	10	0.9	916	1	0.02	79	1480	4	0.08	<2	2	43	0.1	<10	<10	96	<10	89
L36+00N S76+50E	0.006	<0.2	2.49	12	10	180	0.8	<2	0.83	<0.5	24	68	104	4.97	10	<1	0.09	10	1	1095	2	0.03	56	1890	8	0.13	<2	1	55	0.08	<10	<10	93	<10	130
L36+00N S76+75E	<0.005	0.4	3.65	12	10	170	2	<2	0.94	<0.5	30	27	66	5.39	10	1	0.35	10	1.62	1030	<1	0.02	45	2210	<2	0.02	<2	6	44	0.17	<10	<10	77	<10	215
L36+00N S77+00E	0.005	0.2	3.2	19	10	370	1.1	<2	1.06	<0.5	30	27	145	6.5	10	1	0.13	10	1.06	1100	<1	0.02	39	1670	3	0.04	<2	7	48	0.13	<10	<10	142	<10	119
L36+00N S77+25E	0.006	<0.2	2.97	18	10	480	1.3	2	1.58	<0.5	37	17	142	8.02	10	1	0.12	20	1.14	1270	1	0.03	32	2070	9	0.04	<2	10	65	0.14	<10	<10	187	<10	120
L36+00N S77+50E	0.007	0.6	2.7	38	<10	500	0.5	2	0.77	<0.5	26	14	150	11.25	10	<1	0.12	10	0.81	582	2	0.04	26	4320	70	0.4	<2	8	64	0.28	<10	<10	193	<10	106
L36+00N S77+75E	<0.005	<0.2	2.86	14	10	2620	2.6	<2	2.29	0.7	27	12	44	5.35	10	2	0.19	10	1.11	1350	<1	0.02	21	1880	8	0.05	<2	6	66	0.05	<10	<10	68	<10	110
L36+00N S78+00E	<0.005	<0.2	4.13	16	10	1320	1.1	<2	1.46	<0.5	36	55	128	8.21	10	1	0.13	10	1.72	999	<1	0.03	57	2600	7	0.06	<2	7	71	0.24	<10	<10	212	<10	114
L36+00N S78+25E	0.005	<0.2	3.92	17	10	1310	0.5	<2	1.32	<0.5	55	40	237	8.1	10	2	0.08	10	1.66	1210	<1	0.04	56	2060	13	0.06	<2	10	113	0.19	<10	<10	240	<10	108
L36+00N S78+50E	<0.005	<0.2	3.72	12	10	180	1	<2	1.34	<0.5	32	33	136	6.82	10	3	0.14	10	1.3	1175	1	0.02	40	2030	7	0.08	<2	5	58	0.12	<10	<10	167	<10	88
L36+00N S78+75E	<0.005	<0.2	3.16	14	10	210	1.3	<2	1.7	0.5	30	17	81	6.3	10	2	0.14	10	1.16	1710	<1	0.02	21	2010	8	0.07	<2	8	74	0.11	<10	<10	137	<10	103
L36+00N S79+00E	<0.005	<0.2	3.4	20	10	200	1	<2	1.03	<0.5	32	24	155	7.45	10	<1	0.13	10	1.36	1585	<1	0.02	31	1800	8	0.04	<2	8	55	0.17	<10	<10	181	<10	91
L36+00N S79+25E	0.006	0.2	4.03	13	30	1560	<0.5	<2	1.54	<0.5	32	14	328	6.57	10	<1	0.06	<10	1.36	1095	<1	0.04	19	1700	7	0.08	<2	7	103	0.13	<10	<10	237	<10	92
L36+00N S79+50E	0.024	0.2	2.96	194	10	200	0.7	<2	1.2	0.5	40	12	228	8.47	10	1	0.29	10	1.21	1210	2	0.03	30	2850	6	0.13	4	5	62	0.21	<10	<10	118	<10	110
L36+00N S79+75E	<0.005	<0.2	3	17	10	120	1	<2	1.14	<0.5	36	6	74	9.29	10	1	0.78	10	1.36	1120	<1	0.07	13	2080	4	0.05	<2	8	62	0.33	<10	<10	95	<10	102
L36+00N S80+00E	<0.005	<0.2	3.96	20	10	280	0.7	<2	1.26	<0.5	27	13	90	5.94	10	1	0.14	10	1.22	1925	<1	0.02	17	2060	4	0.05	<2	6	85	0.06	<10	<10	142	<10	90
L37+00N S70+00E	0.005	<0.2	3.12	13	<10	130	0.6	<2	0.4	<0.5	18	88	90	5.08	10	1	0.14	10	1.5	898	1	0.03	55	1140	5	0.06	<2	4	44	0.2	<10	<10	120	<10	88
L37+00N S70+25E	0.005	<0.2	2.73	13	<10	120	0.5	<2	0.52	<0.5	22	93	122	4.52	10	1	0.13	10	1.76	756	<1	0.03	90	1180	4	0.03	<2	6	27	0.22	<10	<10	98	<10	98
L37+00N S70+50E	<0.005	<0.2	2.92	16	<10	110	<0.5	<2	0.72	<0.5	29	100	130	4.37	10	1	0.13	<10	2.42	744	<1	0.05	123	1120	3	0.02	<2	4	28	0.2	<10	<10	97	<10	76
L37+00N S70+75E	0.008	<0.2	3.29	11	<10	110	<0.5	<2	0.81	<0.5	28	88	136	4.57	10	<1	0.11	<10	3.05	638	<1	0.06	137	950	3	0.03	<2	4	26	0.2	<10	<10	93	<10	66
L37+00N S71+00E	0.012	0.2	2.6	12	<10	140	0.5	<2	0.6	<0.5	17	98	89	4.13	10	<1	0.06	10	1.43	720	1	0.04	76	1700	4	0.12	<2	2	31	0.07	<10	<10	100	<10	73
L37+00N S71+25E	0.005	<0.2	3	9	<10	150	0.8	<2	0.69	<0.5	19	113	112	4.71	10	<1	0.17	10	1.74	556	<1	0.04	94	930	4	0.02	<2	7	42	0.2	<10	<10	104	<10	73
L37+00N S71+50E	0.006	<0.2	4.55	7	<10	120	0.5	<2	0.86	<0.5	32	110	124	5.18	10	1	0.17	10	3.89	666	<1	0.08	169	740	<2	0.02	<2	8	20	0.25	<10	<10	110	<10	66
L37+00N S71+75E	0.006	<0.2	3.1	22	<10	90	0.6	<2	0.45	<0.5	21	138	116	4.82	10	2	0.09	10	1.82	670	1	0.04	122	1100	3	0.06	<2	4	26	0.2	<10	<10	102	<10	87
L37+00N S72+00E	0.069	0.2	2.75	22	<10	70	0.6	<2	0.43	<0.5	23	211	124	4.66	10	1	0.07	10	1.64	656	1	0.03	160	980	5	0.06	<2	3	21	0.13	<10	<10	92	<10	90
L37+00N S72+25E	0.007	<0.2	2.75	64	<10	100	0.5	<2	0.63	<0.5	25	92	144	4.22	10	1	0.13	10	1.61	801	<1	0.04	97	1120	7	0.04	<2	4	22	0.15	<10	<10	98	<10	71
L37+00N S72+50E	0.007	0.2	3.2	21	<10	140	0.6	<2	0.5	<0.5	21	106	128	4.78	10	1	0.15	10	1.7	669	1	0.04	94	820	6	0.05	<2	4	25	0.16	<10	<10	114	<10	87
L37+00N S72+75E	0.006	<0.2	2.3	23	<10	140	0.5	<2	0.64	<0.5	26	115	118	4.23	10	1	0.21	10	1.52	751	<1	0.03	98	890	4	0.01	<2	6	35	0.19	<10	<10	100	<10	66
L37+00N S73+00E	0.01	<0.2	2.8	30	<10	90	0.6	<2	0.57	<0.5	21	71	107	4.66	10	<1	0.1	10	1.28	888	<1	0.03	71	1010	5	0.03	<2	4	27	0.14	<10	<10	98	<10	85
L37+00N S73+25E	0.006	<0.2	2.09	18	<10	100	0.7	<2	0.81	<0.5	28	160	116	4.52	10	<1	0.15	10	1.48	659	1	0.03	138	1200	4	0.01	<2	5	36	0.21	<10	<10	90	<10	70
L37+00N S73+50E	0.007	0.2	2.9	17	<10	70	0.8	<2	0.31	<0.5	16	69	63	4.69	10	<1	0.08	10	0.94	775	2	0.02	57	1260	9	0.09	<2	2	26	0.15	<10	<10	89	<10	90
L37+00N S73+75E	0.005	0.2	2.66	18	<10	70	0.5	<2	0.42	<0.5	18	116	87	3.99	10	<1	0.09	10	1.27	567	1	0.04	102	930	7	0.05	<2	2	21	0.12	<10	<10	85	<10	65
L37+00N S74+00E	<0.005	0.2	2.45	11	<10	100	0.5	<2	0.42	<0.5	24	161	94	4	10	1	0.09	10	1.46	677	1	0.04	140	760	5	0.05	<2	2	23	0.14	<10	<10	87	<10	68
L37+00N S74+25E	0.005	<0.2	2.36	11	<10	100	0.7	<2	0.6	<0.5	26	112	81	4.42	10	1	0.16	10	1.38	958	1	0.03	85	1160	4	0.03	<2	4	34	0.14	<10	<10	85	<10	85
L37+00N S74+50E	0.006	<0.2	2.27	24	<10	90	0.9	<2	0.51	<0.5	22	90	112	5.51	10	<1	0.14	10	0.99	1090	1	0.02	78	1400	7	0.06	<2	3	41	0.1	<10	<10	101	<10	138
L37+00N S74+75E	<0.005	0.4	2.64	8	<10	130	0.9	<2	0.9	<0.5	26	85	71	4.43	10	1	0.12	10	1.1	1525	<1	0.03	66	1670	7	0.11	<2	2	64	0.1	<10	<10	79	<10	89
L37+00N S75+00E	0.009	0.3	2.25	12	<10	100	0.6	2	0.62	<0.5	20	123	86	4.76	10	1	0.13	10	1.22	774	1	0.03	82	1140	6	0.06	<2	3	43	0.13	<10	<10	106	<10	82
L37+00N S75+25E	0.006	<0.2	2.53	12	<10	120	0.6	2	0.68	<0.5	31	170	105	4.63	10	<1	0.16	10	1.47	822	<1	0.03	154	970	5	0.03	<2	5	35	0.19	<10	<10	100	<10	78
L37+00N S75+50E	0.012	0.4	4.75	9	10	60	1.5	<2	2.44	<0.5	86	35	189	7.57	10	2	0.21	10	1.52	1290	2	0.03	54	2690	4	0.09	3	12	112	0.16	<10	<10	144	<10	120
L37+00N S75+75E	0.015	0.2	3.44	11	<10	160	1	<2	1.24	<0.5	37	62	222	6.21	10	1	0.17	10	1.36	994	<1	0.04	60	2110	4	0.2	2	5	76	0.11	<10	<10	154	<10	91
L37+00N S76+00E	0.014	0.3	2.7	8	<10	140	0.7	<2	1	<0.5	21	85	184	4.11	10	<1	0.07	10	0.97	720	1	0.02	77	2560	6	0.15	<2	2	43	0.07	<10	<10	107	<10	69
L37+00N S76+25E	0.014	0.2	2.38	15	<10	150	0.6	2	1.06	0.6	28	75	153	4.53	10	<1	0.09	<10	0.92	1135	1	0.02	52	2360	5	0.13	<2	2	62	0.08	<10	<10	105	<10	93
L37+00N S76+50E	0.014	0.3	3.17	19	10	160	0.6	<2	0.82	<0.5	28	61	163	5.54	10	<1	0.09	10	1	1130	1	0.02	46	1450	4	0.07	<2	4	63	0.15	<10	<10	141	<10	99

VA05081239 - Finalized
CLIENT : "UNEXMA - United Exploration Management Inc."
# of SAMPLES : 221
DATE RECEIVED : 2005-09-22 DATE FINALIZED : 2005-10-04
PROJECT : "RHG"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L38+00N 70+00E	<0.005	<0.2	2.93	12	<10	100	0.9	2	0.92	<0.5	29	90	105	5.05	10	1	0.17	10	2.1	841	1	0.04	89	1650	5	0.02	<2	7	29	0.19	<10	<10	102	<10	77
L38+00N 70+25E	<0.005	<0.2	3.61	11	<10	180	0.6	2	0.61	<0.5	37	136	157	5.35	10	<1	0.21	10	2.27	911	1	0.03	113	950	2	0.01	2	9	29	0.21	<10	<10	121	<10	80
L38+00N 70+50E	0.005	0.3	3.42	15	<10	90	0.6	<2	0.52	<0.5	28	98	137	5.11	10	<1	0.12	10	1.84	995	2	0.02	97	1800	4	0.04	2	7	27	0.22	<10	<10	110	<10	104
L38+00N 70+75E	<0.005	0.2	3.45	18	<10	140	0.7	<2	0.71	<0.5	30	118	148	5.13	10	1	0.2	10	2.07	1040	2	0.03	118	1450	8	0.03	2	9	39	0.22	<10	<10	117	<10	102
L38+00N 71+00E	<0.005	0.3	2.45	9	<10	140	<0.5	<2	0.75	<0.5	25	88	113	4.06	<10	<1	0.24	10	1.69	660	1	0.03	78	950	3	<0.01	<2	9	34	0.2	<10	<10	101	<10	64
L38+00N 71+25E	0.006	0.2	3.48	10	<10	230	0.5	<2	0.76	0.5	24	79	136	4.9	10	<1	0.44	10	1.88	679	<1	0.03	62	1070	2	<0.01	<2	14	48	0.27	<10	<10	136	<10	83
L38+00N 71+50E	<0.005	<0.2	2.83	20	<10	90	0.5	<2	0.65	<0.5	29	103	134	4.4	10	<1	0.14	10	1.95	873	1	0.03	111	1080	3	0.01	2	8	26	0.19	<10	<10	103	<10	78
L38+00N 71+75E	<0.005	0.4	2.48	16	<10	100	0.5	<2	0.63	0.5	33	156	125	4.34	10	<1	0.15	10	1.82	803	1	0.03	139	1080	4	<0.01	2	7	28	0.18	<10	<10	96	<10	81
L38+00N 72+00E	<0.005	<0.2	3.05	17	<10	110	0.6	<2	0.65	<0.5	48	252	157	4.85	10	<1	0.19	10	2.35	990	1	0.03	234	1060	6	0.01	<2	9	31	0.19	<10	<10	101	<10	94
L38+00N 72+25E	<0.005	<0.2	2.57	16	<10	80	0.5	<2	0.57	<0.5	30	129	113	4.21	10	1	0.13	10	1.87	805	1	0.02	136	1160	3	0.01	<2	7	26	0.19	<10	<10	92	<10	79
L38+00N 72+50E	0.006	<0.2	3.18	14	<10	80	0.6	<2	0.6	<0.5	34	148	122	4.51	10	<1	0.12	10	2.14	945	1	0.02	150	1230	6	0.02	<2	7	31	0.19	<10	<10	102	<10	90
L38+00N 72+75E	0.006	<0.2	3.82	20	<10	120	0.8	<2	0.62	0.5	37	166	157	5.43	10	<1	0.18	10	2.11	1225	1	0.02	156	1660	7	0.02	<2	10	35	0.22	<10	<10	122	<10	114
L38+00N 73+00E	0.006	<0.2	3.68	20	<10	110	0.9	2	0.58	0.7	32	154	137	5.33	10	<1	0.19	10	1.77	1090	1	0.03	126	1790	7	0.02	<2	8	34	0.23	<10	<10	110	<10	117
L38+00N 73+25E	<0.005	<0.2	2	11	<10	110	0.6	<2	0.71	<0.5	31	132	100	3.98	10	<1	0.15	10	1.31	776	1	0.03	127	1070	3	<0.01	<2	6	36	0.16	<10	<10	84	<10	74
L38+00N 73+50E	0.005	0.2	2.21	15	<10	100	0.9	<2	0.63	0.7	33	131	141	5.74	10	1	0.1	20	1.18	2170	3	0.02	146	1320	6	0.01	<2	7	37	0.12	<10	<10	96	<10	155
L38+00N 73+75E	<0.005	0.2	2.29	10	<10	120	0.6	<2	0.64	0.6	26	138	99	4.14	10	<1	0.1	10	1.32	627	1	0.03	110	930	3	0.01	2	5	33	0.18	<10	<10	94	<10	66
L38+00N 74+00E	0.031	0.2	2.04	12	<10	120	0.5	<2	0.69	<0.5	23	122	90	5.7	10	<1	0.09	10	1.11	783	1	0.03	80	1250	7	0.03	<2	5	36	0.21	<10	<10	124	<10	72
L38+00N 74+25E	0.006	0.3	2.79	18	<10	70	1.1	<2	0.43	<0.5	29	122	217	7.53	10	<1	0.1	10	1.18	1190	3	0.02	99	1770	16	0.05	2	7	31	0.18	<10	<10	113	<10	190
L38+00N 74+50E	<0.005	<0.2	2.27	10	<10	100	0.6	<2	0.49	<0.5	27	195	100	4.25	10	<1	0.17	10	1.45	726	1	0.02	136	1130	4	0.07	2	5	27	0.18	<10	<10	91	<10	87
L38+00N 74+75E	<0.005	<0.2	1.55	3	<10	110	<0.5	<2	0.4	<0.5	28	316	94	2.52	<10	<1	0.21	<10	1.93	268	<1	0.01	241	690	<2	<0.01	<2	2	13	0.16	<10	<10	55	<10	36
L38+00N 75+00E	<0.005	<0.2	2.07	7	<10	80	0.5	<2	0.56	<0.5	25	188	125	3.79	<10	<1	0.07	10	1.4	625	<1	0.01	141	790	3	0.01	<2	5	22	0.16	<10	<10	92	<10	56
L38+00N 75+25E	0.005	<0.2	2.29	7	<10	80	<0.5	<2	0.61	<0.5	32	246	194	3.92	<10	<1	0.04	<10	2.54	569	1	0.01	208	690	2	0.02	<2	5	28	0.13	<10	<10	86	<10	57
L38+00N 75+50E	0.138	0.5	3.98	17	<10	80	0.6	<2	1.28	<0.5	48	64	1950	7.42	10	1	0.08	10	1.87	1345	1	0.01	51	960	2	0.02	<2	20	45	0.17	<10	<10	249	<10	93
L38+00N 75+75E	0.021	0.4	2.82	16	<10	90	0.7	2	1.41	0.9	26	28	603	4.42	10	<1	0.05	10	0.82	1110	1	0.01	27	1940	8	0.13	4	4	47	0.08	<10	<10	136	<10	94
L38+00N 76+00E	0.019	0.2	3.01	16	<10	100	0.7	<2	0.91	0.6	29	29	399	5.39	10	<1	0.05	10	0.8	1020	1	0.01	28	1740	6	0.11	5	4	43	0.08	<10	<10	148	<10	83
L38+00N 76+25E	0.017	0.4	3.2	11	<10	100	0.5	<2	1.27	<0.5	64	14	806	9.72	10	<1	0.08	10	1.21	1180	3	0.02	29	2360	2	0.12	<2	12	89	0.23	<10	<10	194	<10	79
L39+00N 70+00E	<0.005	<0.2	2.92	13	<10	180	0.5	<2	0.8	<0.5	32	102	148	4.8	10	<1	0.23	10	2.01	952	1	0.03	92	1000	4	<0.01	2	10	50	0.21	<10	<10	117	<10	86
L39+00N 70+25E	<0.005	0.2	3	11	<10	90	<0.5	<2	0.59	<0.5	26	98	134	4.26	10	1	0.14	<10	1.92	767	1	0.03	96	1080	2	0.01	<2	6	21	0.2	<10	<10	109	<10	72
L39+00N 70+50E	<0.005	<0.2	3.17	8	<10	80	<0.5	<2	0.63	<0.5	22	105	114	4.27	10	<1	0.08	<10	2.27	582	1	0.03	102	820	2	0.01	<2	7	22	0.21	<10	<10	106	<10	57
L39+00N 70+75E	0.007	<0.2	3.08	10	<10	100	<0.5	<2	0.68	<0.5	23	126	119	4.2	10	1	0.09	<10	2.12	582	1	0.04	109	900	2	0.02	2	7	24	0.2	<10	<10	105	<10	60
L39+00N 71+00E	<0.005	<0.2	3.35	10	<10	60	<0.5	<2	0.39	<0.5	18	104	74	4.31	10	1	0.07	10	1.69	554	1	0.03	84	1440	4	0.09	<2	4	23	0.18	<10	<10	114	<10	60
L39+00N 71+25E	<0.005	<0.2	3.28	10	<10	60	0.5	3	0.35	<0.5	16	108	73	4.81	10	1	0.07	10	1.34	634	1	0.02	70	1610	6	0.1	<2	5	20	0.26	<10	<10	122	<10	75
L39+00N 71+50E	<0.005	0.5	4.47	12	<10	210	0.7	2	0.42	<0.5	22	150	122	5.24	10	<1	0.08	10	1.75	814	2	0.02	105	1770	4	0.11	2	8	34	0.13	<10	<10	140	<10	86
L39+00N 71+75E	<0.005	0.3	3.93	12	<10	100	0.7	<2	0.36	<0.5	18	107	126	4.75	10	<1	0.08	10	1.48	631	1	0.02	84	1550	3	0.09	2	6	23	0.16	<10	<10	113	<10	76
L39+00N 72+00E	<0.005	0.6	2.72	11	<10	80	0.6	<2	0.31	<0.5	11	106	75	3.17	10	<1	0.06	10	0.95	345	1	0.02	63	1980	5	0.16	<2	2	27	0.08	<10	<10	81	<10	56
L39+00N 72+25E	<0.005	<0.2	4.4	13	<10	120	0.7	3	0.58	<0.5	28	181	132	5.43	10	<1	0.13	10	2.24	881	2	0.02	144	1660	5	0.07	<2	8	29	0.2	<10	<10	140	<10	96
L39+00N 72+50E	<0.005	<0.2	3.88	9	<10	60	0.6	<2	0.43	<0.5	18	85	94	4.3	10	<1	0.07	10	1.5	533	1	0.02	77	1580	2	0.06	<2	5	18	0.17	<10	<10	104	<10	63
L39+00N 72+75E	<0.005	<0.2	3.92	18	<10	100	0.8	2	0.51	<0.5	26	116	125	5.19	10	<1	0.12	10	1.61	1005	2	0.02	107	2020	5	0.05	3	7	29	0.22	<10	<10	116	<10	105
L39+00N 73+00E	<0.005	<0.2	3.09	16	<10	90	0.6	<2	0.61	<0.5	23	107	112	4.5	10	<1	0.14	10	1.7	838	2	0.03	108	1350	7	0.02	<2	7	31	0.23	<10	<10	100	<10	84
L39+00N 73+25E	0.007	0.2	2.74	12	<10	90	0.6	<2	0.57	<0.5	22	109	102	4.54	10	1	0.12	10	1.32	779	3	0.03	97	1390	7	0.03	<2	6	30	0.21	<10	<10	97	<10	80
L39+00N 73+50E	<0.005	<0.2	2.09	7	<10	110	0.5	<2	0.67	<0.5	23	123	98	3.96	10	1	0.11	10	1.25	569	1	0.04	113	1010	6	0.02	<2	5	33	0.18	<10	<10	87	<10	62
L39+00N 73+75E	0.008	<0.2	2.66	13	<10	90	0.6	<2	0.57	<0.5	21	124	104	4.14	10	<1	0.12	10	1.33	701	1	0.04	101	1340	7	0.04	<2	6	27	0.18	<10	<10	91	<10	73
L39+00N 74+00E	<0.005	0.2	2.18	12	<10	120	0.6	<2	0.68	<0.5	35	151	126	4.34	<10	<1	0.14	10	1.38	678	1	0.04	184	1090	5	0.02	<2	6	34	0.18	<10	<10	89	<10	69
L39+00N 74+25E	0.005	<0.2	2.27	8	<10	110	0.5	<2	0.71	<0.5	21	136	107	3.94	10	<1	0.12	10	1.42	563	1	0.04	122	980	10	0.02	<2	6	34	0.17	<10	<10	82	<10	72
L39+00N 74+50E	<0.005	0.4	2.03	8	<10	100	0.7	<2	0.45	<0.5	11	66	70	3.18	10	1	0.07	10	0.65	777	2	0.02	50	2490	8	0.19	<2	1	41	0.04	<10	<10	71	<10	71
L39+00N 74+75E	0.006	0.2	2.41	10	<10	120	0.7	<2	0.54	<0.5	26	139	130	4.51	10	1	0.1	10	1.1	811	2	0.03	120	1110	5	0.04	<2	5	35	0.15	<10	<10	95	<10	83
L39+00N 75+00E	0.005	<0.2	2.62	9	<10	100	0.7	<2	0.56	<0.5	21	152	128	4.56	10	1	0.14	10	1.19	712	1	0.03	102	1080	6	0.04	<2	5	33	0.17	<10	<10	97	<10	76
L39+00N 75+25E	<0.005	0.2	2.5	14	<10	90	0.7	<2	0.52	<0.5	20	80	124	4.7	10	1	0.08	10	0.87	600	1	0.02	71	1140	6	0.04	<2	4	35	0.16	<10	<10	98	<10	70
L39+00N 75+50E	0.008	0.2	2.57	22	<10	120	0.9	<2	0.46	<0.5	20	63	146	5.13	10	<1	0.05	10	0.75	1405	2	0.02	56	1050	7	0.07	<2	4	39	0.16	<10	<10	104	<10	104
L39+00N 75+75E	0.014	0.2	2.79	20	<10	100	0.8	<2	0.52	<0.5	20	48	164	4.93	10	<1	0.05	10	0.74	1105	2	0.02	46	1050	9	0.07	<2	3	46	0.14	<10	<10	108	<10	92
L39+00N 76+00E	0.012	0.2	3.14	22	<10	90	1	<2	0.45	<0.5	26	42	274	5.43	10	<1	0.04	10	0.74	1245	2	0.02	44	1010	13	0.08	<2	4	33	0.14	<10	<10	128	<10	111
L39+00N 76+25E	0.016	0.2	2.95	16	<10	110	0.9	<2	0.66	<0.5	23	39	331	5.21	10	1	0.06	10	0.85	1045	2	0.02	42	1330	11	0.03	<2	6	41	0.17	<10	<10	126	<10	108
L39+00N 76+50E	0.01	0.2	2.76	26	<10	110	0.9	<2	0.42	<0.5	22	44	247	5.67	10	1	0.04	10	0.74	765	2	0.02	46	1180	7	0.03	<2	6	32	0.17	<10	<10	135	<10	106
L39+00N 76+75E	<0.005	0.4	2.12	9	<10	90	<0.5	2	0.31	0.5	11	28	94	3.73	10	<1	0.06	10	0.42	864	3	0.02	20	1660	11	0.15	<2	1	38	0.06	<10	<10	124	<10	66
L39+00N 77+00E	0.008	<0.2	2.87	23	<10	110	0.6	<2	0.44	0.5	22	38	214	4.81	10	1	0.05	10	0.8	826	1	0.02	38	1130	8	0.09	<2	3	29	0.13	<10	<10	147	<10	90
L39+00N 77+25E	0.014	0.3	3.27	14	<10	130	0.9	<2	0.67	<0.5	29	43	285	5.44	10	1	0.05	10	1.06	960	2	0.03	49	1190	13	0.03	<2	9	51	0.21	<10	<10	165	<10	106
L39+00N 77+50E	0.009	0.3	4.26	25	<10	160	0.7	<2	0.79	0.7	34	63	293	5.6	10	2	0.08	10	1.35	1385	2	0.03	74	2010	14	0.05	<2	8	49	0.18	<10	<10	170	<10	138
L40+00N 70+00E	<0.005	0.2	2.87	6	<10	90	0.5	<2	0.35	<0.5	16	91	78	4.06	10	1	0.05	10	1.24	811	2	0.03	63	1500	6	0.13	<2	2	28	0.09	<10	<10	107	<10	61
L40+00N 70+25E	<0.005	0.4	3.85	6	<10	130	0.6	<2	0.39	<0.5	19	135	112	4.76	10	2	0.07	10	1.63	682	2	0.03	114	1690	10	0.13	<2	5	33	0.14	<10	<10	112	<10	83
L40+00N 70+50E	0.035	0.2	3.16	6	<10	100	0.5	<2	0.54	<0.5	15	95	79	4.27	10	1	0.07	10	1.53	535	1	0.03	81	1550	8	0.08	<2	5	41	0.2	<10	<10	106	<10	74
L40+00N 70+75E	0.008	<0.2	3.14	10	<10	130	0.5	<2	0.63	0.5	26	133	124	4.59	10	<1	0.13	10	1.8	802	1	0.05	126	1190	4	0.05	<2	5	33	0.19	<10	<10	106	<10	72
L40+00N 71+00E	0.007	<0.2	3.8	11	<10	140	0.6	<2	0.61	<0.5	20	120	109	4.76	10	1	0.13	10	1.88	611	1	0.05	114	1570	6	0.09	<2	5	27	0.21	<10	<10	106	<10	75
L40+00N 71+25E	0.006	<0.2	3.84	19	<10	110	0.5	<2	0.63	<0.5	26	124	140	4.58	10	1	0.12	10	2.13	707	1	0.05	122	1060	6	0.04	<2	6	25	0.21	<10	<10	108	<10	66
L40+00N 71+50E	<0.005	0.2	3.72	7	<10	70	0.5	<2	0.44	<0.5	25	103	101	4.77	10	1	0.09	10	2.3	815	1	0.02	122	1170	5	0.09	<2	5	21	0.18	<10	<10	111	<10	73
L40+00N 71+75E	<0.005	0.2	3.76	7	<10	70	0.6	<2	0.36	<0.5	26	108	85	5.43	10	1	0.1	10	2.13	1385	2	0.02	112	1530	7	0.12	<2	4	23	0.19	<10	<10	124	<10	89
L40+00N 72+00E	0.008	0.5	3.56	4	<10	120	0.7	<2	0.43	<0.5	18	138	110	4.52	10	1	0.09	10	1.53	674	2	0.03	120	1740	9	0.15	<2	4	34	0.14	<10	<10	105	<10	95
L40+00N 72+25E	0.009	0.3	3.65	10	<10	100	0.7	2	0.46	<0.5	17	138	118	4.44	10	1	0.1	10	1.55	633	2	0.03	117	1670	6	0.11	<2	5	31	0.16	<10	<10	104	<10	90
L40+00N 72+50E	0.006	0.2	3.08	7	<10	90	0.5	<2	0.61	<0.5	24	106	116	4.27	10	<1	0.12	10	2.01	692	1	0.03	116	950	6	0.04	<2	7	29	0.22	<10	<10	103	<10	67
L40+00N 72+75E	<0.005	<0.2	3.55	10	<10	70	<0.5	<2	0.64	<0.5	28	107	124	4.52	10	2	0.12	<10	2.52	738	1	0.03	142	1010	4	0.03	<2	5	25	0.22	<10	<10	112	<10	65
L40+00N 73+00E	0.005	<0.2	2.2	5	<10	110	0.5	<2	0.69	<0.5	18	128	93	4.09	<10	<1	0.11	10	1.29	547	1	0.04	101	1070	6	0.02	<2	6	37	0.19	<10	<10	89	<10	67
L40+00N 73+25E	0.016	<0.2	2.48	10	<10	150	0.6	<2	0.73	0.5	27	172	128	4.35	10	1	0.14	10	1.46	581	1	0.04	157	1060	6	0.02	<2	6	37	0.18	<10	<10	94	<10	68
L40+00N 73+50E	0.007	0.2	3.09	18	<10	100	0.7	<2	0.65	<0.5	18	100	110	4.4	10	1	0.12	10	1.29	752	2	0.04	88	1490	7	0.08	<2	4	32	0.14	<10	<10	101	<10	76
L40+00N 73+75E	0.007	0.3	3.88	9	<10	150	0.8	<2	0.7	0.5	22	156	156	4.63	10	2	0.14	10	1.56	774	2	0.04	147	1670	5	0.09	<2	5	45	0.14	<10	<10	105	<10	89
L40+00N 74+00E	0.008	0.3	2.85	11	<10	120	0.8	<2	0.58	<0.5	23	203	139	4.84	10	1	0.16	10	1.32	757	2	0.03	133	1170	6	0.04	<2	6	36	0.18	<10	<10	105	<10	84
L40+00N 74+25E	0.005	0.4	3.16	11	<10	90	1	<2	0.49	<0.5	15	168	116	3.5	10	2	0.09	20	1.03	765	1	0.01	80	2310	7	0.19	2	1	39	0.06	<10	<10	86	<10	69
L40+00N 74+50E	0.007	<0.2	2.39	14	<10	110	0.7	<2	0.62	<0.5	27	360	108	4.43	10	<1	0.44	10	1.86	1020	1	0.01	164	1000	5	<0.01	2	5	34	0.24	<10	<10	108	<10	102
L40+00N 74+75E	0.015	0.3	3.43	34	<10	130	1.4	2	0.65	<0.5	28	65	202	6.8	10	<1	0.08	20	1.04	2120	2	0.02	76	1290	8	0.03	2	9	61	0.15	<10	<10	135	<10	174
L40+00N 75+00E	0.011	0.2	2.14	15	<10	110	0.7	<2	0.43	<0.5	18	61	109	4.53	10	<1	0.07	10	0.73	1115	1	0.01	48	1170	6	0.08	<2	2	39	0.11	<10	<10	103	<10	82
L40+00N 75+25E	0.012	0.2	2.58	20	<10	80	0.7	<2	0.37	<0.5	17	50	157	4.34	10	<1	0.07	10	0.77	875	1	0.01	47	980	8	0.08	3	3	35	0.14	<10	<10	111	<10	97
L40+00N 75+50E	0.012	<0.2	3.01	23	<10	100	0.7	<2	0.45	<0.5	18	37	249	4.07	10	<1	0.06	10	0.72	754	1	0.01	32	1200	7	0.05	<2	3	34	0.14	<10	<10	103	<10	82
L40+00N 75+75E	0.016	0.2	2.74	27	<10	120	0.9	2	0.53	<0.5	22	39	275	5.4	10	1	0.06	10	0.69	862	1	0.01	37	1540	7	0.01	<2	6	33	0.17	<10	<10	131	<10	108
L40+00N 76+00E	0.014	0.3	2.75	29	<10	120	1	<2	0.46	<0.5	26	42	239	5.47	10	1	0.05	10	0.76	883	1	0.01	44	1320	9	0.03	2	6	37	0.16	<10	<10	137	<10	105
L40+00N 76+25E	0.01	0.4	2.77	27	<10	150	0.7	2	0.44	<0.5	25	54	180	4.74	10	<1	0.08	10	0.96	696	1	0.01	53	1310	27	0.04	<2	5	31	0.18	<10	<10	141	<10	128
L40+00N 76+50E	0.011	0.2	2.86	22	<10	130	0.8	<2	0.55	<0.5	30	54	249	4.85	10	<1	0.07	10	1.1	815	1	0.01	59	1200	10	0.03	2	6	35	0.18	<10	<10	152	<10	97
L40+00N 76+75E	0.012	<0.2	3.09	28	<10	140	0.7	<2	0.73	<0.5	36	74	190	4.43	10	<1	0.05	10	1.38	819	1	0.02	93	1180	9	0.03	2	6	52	0.16	<10	<10	120	<10	85
L40+00N 77+00E	0.012	<0.2	3.38	20	<10	180	0.8	<2	0.75	<0.5	40	74	219	5.22	10	<1	0.05	10	1.48	925	1	0.03	102	1260	9	0.04	2	8	48	0.15	<10	<10	148	<10	92
L40+00N 77+25E	0.008	0.2	3.04	37	<10	130	0.8	2	0.75	<0.5	51	56	336	6.03	10	<1	0.09	10	1.23	1400	<1	0.02	84	1200	11	0.01	<2	11	41	0.19	<10	<10	184	<10	108
L40+00N 77+50E	0.009	0.2	2.85	33	<10	120	0.6	<2	0.49	<0.5	52	51	235	6.47	10	1	0.08	10	1.06	2390	1	0.02	56	1470	14	0.12	2	6	38	0.14	<10	<10	192	<10	114

SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L41+00N 70+00E	0.005	<0.2	3.13	15	<10	70	0.5	2	0.48	<0.5	20	74	79	4.08	10	<1	0.07	10	1.92	606	<1	0.03	86	1130	5	0.08	<2	4	24	0.17	<10	<10	111	<10	54
L41+00N 70+25E	0.005	<0.2	3.53	11	<10	100	0.5	<2	0.66	<0.5	27	128	129	4.76	10	<1	0.11	10	2.21	759	<1	0.02	132	1090	5	0.03	<2	7	33	0.2	<10	<10	130	<10	82
L41+00N 70+50E	0.009	<0.2	2.98	10	<10	60	<0.5	<2	0.58	<0.5	29	87	102	4.27	10	<1	0.09	<10	2.23	775	<1	0.02	112	920	5	0.02	2	5	22	0.22	<10	<10	113	<10	60
L41+00N 70+75E	0.007	<0.2	2.75	11	<10	60	<0.5	<2	0.56	<0.5	24	91	95	4.04	10	<1	0.1	<10	2.05	629	<1	0.02	102	1040	4	0.01	<2	6	20	0.22	<10	<10	103	<10	65
L41+00N 71+00E	<0.005	<0.2	2.8	9	<10	70	<0.5	<2	0.64	<0.5	25	84	86	4.08	10	<1	0.09	<10	2.21	677	<1	0.02	108	1100	3	0.01	<2	5	27	0.22	<10	<10	101	<10	68
L41+00N 71+25E	0.009	<0.2	3.3	10	<10	80	0.5	<2	0.59	<0.5	27	96	110	4.54	10	<1	0.09	<10	2.51	630	<1	0.02	122	900	5	0.02	<2	5	27	0.21	<10	<10	119	<10	69
L41+00N 71+50E	0.009	<0.2	3.13	11	<10	100	0.6	<2	0.63	<0.5	24	102	107	4.68	10	<1	0.14	10	2.09	621	<1	0.03	102	1180	4	0.04	<2	6	26	0.25	<10	<10	123	<10	71
L41+00N 71+75E	0.01	<0.2	2.85	11	<10	70	0.6	<2	0.32	<0.5	16	69	66	4.8	10	<1	0.05	10	1.15	709	1	0.02	50	1560	7	0.12	<2	4	25	0.26	<10	<10	118	<10	65
L41+00N 72+00E	0.013	<0.2	3.22	7	<10	80	<0.5	<2	0.7	<0.5	27	90	111	4.4	10	<1	0.11	10	2.36	752	<1	0.02	112	1240	5	0.03	<2	6	31	0.21	<10	<10	121	<10	71
L41+00N 72+25E	0.02	0.2	3.59	12	<10	130	0.8	<2	0.52	<0.5	19	110	126	4.86	10	<1	0.11	10	1.43	681	1	0.03	88	1560	6	0.06	<2	6	34	0.18	<10	<10	123	<10	88
L41+00N 72+50E	0.014	<0.2	1.66	9	<10	80	0.6	<2	0.68	<0.5	22	98	88	4.29	10	<1	0.11	10	1.09	670	1	0.03	78	900	4	<0.01	2	5	32	0.2	<10	<10	102	<10	67
L41+00N 72+75E	0.011	<0.2	1.79	13	<10	90	0.5	2	0.71	<0.5	20	85	90	4.06	10	<1	0.1	10	1.13	573	<1	0.03	67	980	5	0.01	<2	5	34	0.19	<10	<10	97	<10	66
L41+00N 73+00E	0.015	<0.2	1.52	11	<10	80	0.5	<2	0.67	<0.5	19	84	79	4.32	<10	<1	0.09	10	0.89	501	<1	0.02	60	1130	4	<0.01	<2	5	33	0.17	<10	<10	100	<10	62
L41+00N 73+25E	0.011	<0.2	1.92	12	<10	90	0.6	2	0.66	<0.5	18	89	94	4.11	10	<1	0.09	10	0.99	608	<1	0.03	65	990	5	0.01	<2	6	35	0.17	<10	<10	98	<10	70
L41+00N 73+50E	0.013	<0.2	2.48	13	<10	110	0.7	<2	0.63	<0.5	22	96	124	4.4	10	<1	0.09	10	1.11	743	<1	0.03	75	1180	5	0.03	3	5	35	0.15	<10	<10	104	<10	77
L41+00N 73+75E	0.011	<0.2	1.94	18	<10	90	0.7	<2	0.71	<0.5	20	85	108	4.58	10	<1	0.1	10	0.91	601	<1	0.02	65	1270	5	0.01	2	6	39	0.17	<10	<10	107	<10	73
L41+00N 74+00E	0.014	<0.2	2.11	17	<10	90	0.7	<2	0.75	<0.5	20	72	131	4.96	10	1	0.1	10	0.91	679	1	0.02	57	1370	6	0.01	2	6	45	0.18	<10	<10	117	<10	85
L41+00N 74+25E	0.017	0.2	3.04	21	<10	100	0.9	<2	0.57	<0.5	28	74	208	5.36	10	<1	0.12	10	0.96	1295	1	0.02	65	1740	8	0.03	<2	8	35	0.18	<10	<10	121	<10	130
L41+00N 74+50E	0.023	<0.2	2.03	19	<10	80	0.8	2	0.75	<0.5	24	58	166	5.49	10	<1	0.09	10	0.84	879	1	0.02	52	1360	6	0.01	2	7	48	0.18	<10	<10	124	<10	93
L41+00N 74+75E	0.017	<0.2	2.19	20	<10	100	0.8	2	0.74	<0.5	25	51	216	5.53	10	1	0.09	10	0.8	984	1	0.01	48	1460	7	<0.01	<2	7	46	0.18	<10	<10	119	<10	108
L41+00N 75+00E	0.016	<0.2	2.3	29	<10	110	0.9	<2	0.67	<0.5	30	42	333	6.11	10	<1	0.08	10	0.75	1075	1	0.01	46	1540	10	0.01	2	7	42	0.17	<10	<10	136	<10	126
L41+00N 75+25E	0.019	0.5	2.87	33	<10	120	1	2	0.65	<0.5	38	41	453	6.97	10	<1	0.09	10	0.78	1650	2	0.01	50	1910	14	0.01	<2	9	41	0.17	<10	<10	156	<10	155
L41+00N 75+50E	0.016	0.3	2.75	24	<10	90	0.8	<2	0.64	<0.5	33	93	222	5.97	10	<1	0.07	10	1.47	1305	1	0.02	92	1270	10	0.01	<2	11	42	0.15	<10	<10	140	<10	135
L41+00N 75+75E	0.019	0.2	2.3	25	<10	110	0.9	<2	0.73	<0.5	35	51	203	5.6	10	<1	0.09	10	0.93	1020	1	0.02	58	1160	12	0.01	<2	8	42	0.19	<10	<10	145	<10	114
L41+00N 76+00E	0.012	0.3	2.42	26	<10	160	0.9	2	0.71	<0.5	39	51	288	6.27	10	1	0.14	10	0.95	1670	1	0.02	55	1320	9	0.01	2	12	33	0.17	<10	<10	161	<10	121
L41+00N 76+25E	0.011	<0.2	3.05	29	<10	160	0.9	<2	0.67	<0.5	33	58	174	5.6	10	<1	0.09	10	1.19	1080	1	0.03	73	1450	8	0.02	<2	9	46	0.22	<10	<10	147	<10	100
L41+00N 76+50E	0.01	0.2	3.05	17	<10	160	0.8	<2	0.97	<0.5	32	51	195	5.95	10	<1	0.1	10	1.42	899	1	0.04	54	1340	8	0.02	<2	10	68	0.22	<10	<10	173	<10	106
L41+00N 76+75E	0.005	<0.2	2.38	16	<10	100	0.5	<2	0.89	<0.5	27	58	132	5.03	10	<1	0.09	10	1.49	806	1	0.06	63	1280	5	0.02	<2	8	44	0.19	<10	<10	151	<10	78
L41+00N 77+00E	0.007	<0.2	2.66	14	<10	80	0.8	<2	0.7	<0.5	24	50	88	5.33	10	<1	0.07	10	1.49	884	1	0.06	54	1580	6	0.04	<2	6	31	0.4	<10	<10	113	<10	83
L41+00N 77+25E	0.01	<0.2	1.78	19	<10	60	<0.5	<2	0.94	<0.5	22	58	102	3.85	10	<1	0.07	10	1.04	700	<1	0.06	54	940	4	0.01	<2	7	36	0.17	<10	<10	121	<10	63
L41+00N 77+50E	0.006	<0.2	2.56	23	<10	110	0.5	<2	0.68	<0.5	21	74	112	4.26	10	<1	0.05	10	1.28	761	1	0.06	69	1310	4	0.07	<2	4	36	0.12	<10	<10	118	<10	68
L41+00N 77+75E	0.01	<0.2	2.4	23	<10	100	<0.5	<2	0.81	<0.5	21	80	97	4.13	10	<1	0.11	10	1.43	710	<1	0.07	71	1220	4	0.04	3	6	30	0.16	<10	<10	112	<10	68
L41+00N 78+00E	0.008	<0.2	2.95	24	<10	130	0.6	2	0.77	<0.5	34	108	182	5.61	10	<1	0.07	10	1.77	1560	1	0.05	91	1780	8	0.12	2	6	51	0.1	<10	<10	136	<10	112
L41+00N 78+25E	0.007	<0.2	3.44	14	<10	150	0.5	<2	0.84	<0.5	29	98	146	4.76	10	<1	0.1	<10	1.91	1010	<1	0.08	99	1580	8	0.11	<2	6	40	0.13	<10	<10	130	<10	68
L41+00N 78+50E	<0.005	<0.2	2.51	10	<10	100	<0.5	<2	0.82	<0.5	24	69	104	3.78	10	<1	0.11	<10	1.69	682	<1	0.08	71	680	4	0.04	2	6	29	0.17	<10	<10	108	<10	53
L41+00N 78+75E	0.006	<0.2	3.01	12	<10	140	<0.5	<2	0.88	<0.5	32	85	118	4.39	10	<1	0.14	10	2.09	1230	<1	0.08	90	1790	5	0.12	<2	5	40	0.13	<10	<10	122	<10	72
L41+00N 79+00E	0.01	<0.2	3.2	19	<10	120	<0.5	<2	1.09	<0.5	37	82	168	4.27	10	<1	0.12	<10	2.32	1040	<1	0.1	122	920	5	0.04	2	6	39	0.16	<10	<10	104	<10	66
L41+00N 79+25E	0.009	<0.2	3.43	29	<10	150	<0.5	<2	1.07	<0.5	46	97	175	4.29	10	1	0.18	<10	2.57	1070	<1	0.09	134	1240	6	0.08	2	5	47	0.14	<10	<10	109	<10	61
L41+00N 79+50E	0.008	<0.2	3.36	46	<10	140	<0.5	2	0.88	<0.5	32	102	156	4.2	10	<1	0.1	10	2.29	786	<1	0.1	122	920	4	0.06	2	6	34	0.16	<10	<10	112	<10	56
L41+00N 79+75E	0.005	<0.2	3.03	23	<10	150	<0.5	2	0.95	<0.5	40	86	165	3.8	10	1	0.12	<10	1.89	909	<1	0.09	104	760	4	0.02	2	7	47	0.16	<10	<10	101	<10	50
L41+00N 80+00E	0.007	0.2	4.15	20	<10	210	<0.5	<2	1.37	<0.5	72	125	319	5.17	10	1	0.25	10	3.33	1370	<1	0.1	178	1000	7	0.03	4	10	98	0.22	<10	<10	120	<10	66
L41+00N 80+25E	0.006	<0.2	3.78	38	<10	120	0.5	2	1.05	<0.5	75	186	160	5.73	10	1	0.14	10	2.68	1760	<1	0.07	178	980	3	0.02	2	12	43	0.15	<10	<10	121	<10	65
L41+00N 80+50E	0.008	<0.2	3.04	74	<10	170	<0.5	<2	1.03	<0.5	38	101	180	4.37	10	<1	0.13	<10	2.01	1080	<1	0.07	112	810	4	0.03	31	9	46	0.15	<10	<10	117	<10	58
L41+00N 80+75E	0.007	<0.2	2.94	9	<10	100	<0.5	<2	0.88	<0.5	42	89	172	3.53	10	<1	0.08	<10	2.22	660	<1	0.1	145	610	4	0.03	2	5	34	0.15	<10	<10	82	<10	50
L41+00N 84+00E	0.006	<0.2	2.89	8	<10	160	<0.5	<2	0.73	<0.5	35	73	188	3.54	10	1	0.28	<10	2.2	638	<1	0.04	135	750	5	0.04	<2	3	42	0.17	<10	<10	86	<10	65
L41+00N 84+25E	<0.005	<0.2	2.58	4	<10	160	<0.5	<2	0.62	<0.5	29	71	223	3.28	10	<1	0.27	<10	2.18	503	<1	0.04	112	730	2	0.02	<2	3	30	0.2	<10	<10	87	<10	47
L41+00N 84+50E	0.016	<0.2	3.06	8	<10	110	<0.5	<2	0.62	<0.5	38	91	207	3.57	10	<1	0.12	<10	3.06	597	<1	0.02	148	570	3	0.02	<2	4	39	0.19	<10	<10	86	<10	42
L41+00N 84+75E	<0.005	<0.2	2.39	7	<10	90	<0.5	<2	0.59	<0.5	29	69	136	2.76	10	<1	0.07	<10	2.1	595	<1	0.02	104	870	2	0.04	<2	3	33	0.13	<10	<10	64	<10	47
L41+00N 85+00E	0.01	<0.2	2.92	6	<10	90	<0.5	<2	1.13	<0.5	41	100	211	3.28	10	1	0.09	<10	2.23	808	<1	0.03	116	1080	5	0.02	<2	6	54	0.15	<10	<10	78	<10	58
L41+00N 85+25E	<0.005	<0.2	2.53	9	<10	100	<0.5	2	0.62	<0.5	32	72	179	3.18	10	<1	0.08	<10	1.65	736	<1	0.03	83	1170	4	0.03	<2	3	48	0.13	<10	<10	79	<10	58
L41+00N 85+50E	0.013	<0.2	2.5	5	<10	90	<0.5	2	1.11	<0.5	57	61	334	4.98	<10	1	0.07	<10	2.05	890	<1	0.02	97	1480	3	0.02	<2	7	252	0.13	<10	<10	119	<10	45
L41+00N 85+75E	0.006	<0.2	2.41	2	<10	150	<0.5	<2	0.92	<0.5	40	106	234	4.37	10	<1	0.15	<10	2.94	715	<1	0.04	147	1210	2	0.01	<2	4	73	0.14	<10	<10	79	<10	53
L41+00N 86+00E	0.006	<0.2	2.54	5	<10	100	<0.5	<2	0.85	<0.5	33	85	270	3.87	10	<1	0.14	<10	2.09	601	<1	0.04	108	1120	3	0.01	<2	5	48	0.18	<10	<10	96	<10	59
L41+00N 86+25E	0.006	<0.2	2.62	5	<10	90	<0.5	2	0.59	<0.5	30	72	224	3.56	10	<1	0.09	<10	1.87	647	<1	0.03	97	1120	5	0.03	<2	3	40	0.16	<10	<10	87	<10	60
L41+00N 86+50E	0.008	<0.2	3.14	9	<10	100	0.5	<2	0.62	<0.5	29	61	203	4.27	10	<1	0.11	10	1.64	772	<1	0.04	81	1050	5	0.02	<2	6	32	0.21	<10	<10	112	<10	75
L41+00N 86+75E	<0.005	<0.2	2.46	6	<10	100	<0.5	<2	0.63	<0.5	24	62	178	3.32	10	<1	0.08	<10	1.47	628	<1	0.03	73	1180	4	0.04	2	3	38	0.18	<10	<10	89	<10	58
L41+00N 87+00E	<0.005	<0.2	2.26	6	<10	110	<0.5	<2	0.64	<0.5	24	65	229	3.02	10	1	0.13	<10	1.7	479	<1	0.03	86	1070	16	0.02	<2	3	29	0.18	<10	<10	82	<10	62
L41+00N 87+25E	<0.005	<0.2	2.53	8	<10	140	<0.5	2	0.75	<0.5	28	69	232	3.53	10	<1	0.21	<10	1.71	690	<1	0.03	78	1630	5	0.03	<2	4	42	0.2	<10	<10	98	<10	67
L41+00N 87+50E	0.009	0.3	1.49	9	<10	250	<0.5	3	0.67	<0.5	39	40	514	6.32	10	<1	0.13	<10	1.04	746	1	0.02	54	1670	3	0.01	2	6	25	0.27	<10	<10	242	<10	93
L41+00N 87+75E	<0.005	0.2	2.74	14	<10	100	<0.5	2	0.65	0.5	26	60	189	4.09	10	<1	0.1	<10	1.36	723	1	0.03	62	1020	6	0.04	<2	4	43	0.18	<10	<10	106	<10	88
L41+00N 88+00E	<0.005	0.2	2.97	12	<10	90	0.5	<2	0.72	0.9	29	60	212	4.24	10	1	0.16	<10	1.44	769	1	0.03	66	1420	5	0.04	<2	4	39	0.18	<10	<10	112	<10	98
L41+00N 88+25E	<0.005	<0.2	1.94	8	<10	280	<0.5	<2	0.68	<0.5	30	65	179	4.07	10	<1	0.13	<10	1.17	1135	1	0.02	50	1160	4	0.04	<2	3	41	0.18	<10	<10	116	<10	93
L41+00N 88+50E	0.014	0.3	2.67	23	<10	290	<0.5	2	0.92	<0.5	45	84	538	5.62	10	<1	0.23	10	1.62	962	1	0.03	77	1380	3	0.02	<2	9	82	0.25	<10	<10	168	<10	104
L41+00N 88+75E	0.005	<0.2	2.6	7	<10	250	<0.5	<2	0.83	<0.5	37	95	285	5.39	10	<1	0.27	<10	1.2	956	2	0.02	57	1500	2	0.07	2	4	54	0.27	<10	<10	168	<10	108
L41+00N 89+00E	0.005	<0.2	2.13	6	<10	200	<0.5	<2	0.74	<0.5	32	65	246	5.55	10	1	0.34	<10	1.16	856	1	0.02	48	1240	<2	0.07	<2	4	49	0.24	<10	<10	170	<10	109
L41+00N 89+25E	<0.005	<0.2	2.62	6	<10	140	<0.5	<2	0.86	<0.5	40	95	180	5.49	10	1	0.11	<10	1.59	1060	1	0.03	95	1240	4	0.07	<2	3	52	0.18	<10	<10	132	<10	121
L41+00N 89+50E	<0.005	0.2	2.9	10	<10	100	<0.5	<2	0.63	<0.5	45	180	277	6.31	10	1	0.05	<10	1.57	1630	2	0.02	102	1160	3	0.05	<2	5	35	0.16	<10	<10	182	<10	117
L41+00N 89+75E	<0.005	0.2	3.32	6	<10	30	<0.5	<2	1.13	<0.5	71	250	172	7.31	10	<1	0.12	<10	3.95	976	1	0.03	178	910	<2	0.04	<2	9	33	0.21	<10	<10	190	<10	85
L41+00N 90+00E	<0.005	<0.2	2.85	7	<10	140	<0.5	<2	0.69	<0.5	44	132	205	5.68	10	<1	0.1	<10	1.96	1290	1	0.03	119	1270	3	0.04	2	4	37	0.16	<10	<10	136	<10	97
L42+00N 70+00E	<0.005	0.2	3.54	11	<10	60	0.6	<2	0.48	<0.5	24	72	81	5.43	10	<1	0.08	10	1.96	800	2	0.03	82	1620	5	0.07	<2	4	24	0.36	<10	<10	112	<10	78
L42+00N 70+25E	<0.005	0.2	3.3	14	<10	80	0.5	<2	0.4	<0.5	18	79	104	4.35	10	<1	0.07	10	1.69	489	2	0.03	78	1560	7	0.09	<2	4	29	0.2	<10	<10	101	<10	73
L42+00N 70+50E	<0.005	0.4	3.21	12	<10	80	0.5	2	0.45	<0.5	18	75	90	4.11	10	1	0.07	10	1.68	489	1	0.02	77	1670	8	0.08	<2	4	32	0.21	<10	<10	99	<10	78
L42+00N 70+75E	<0.005	0.2	3.41	7	<10	80	0.5	2	0.5	<0.5	22	76	92	4.51	10	1	0.08	10	1.97	562	1	0.02	90	1670	4	0.05	<2	5	33	0.27	<10	<10	105	<10	79
L42+00N 71+00E	<0.005	<0.2	2.7	8	<10	70	<0.5	<2	0.67	<0.5	25	78	94	3.99	10	1	0.1	10	2.3	606	1	0.02	110	910	3	0.02	<2	5	28	0.24	<10	<10	96	<10	56
L42+00N 71+25E	0.006	0.3	3.22	8	<10	60	0.5	<2	0.57	<0.5	27	82	101	4.62	10	1	0.08	10	2.44	651	1	0.02	116	1240	6	0.03	<2	5	27	0.28	<10	<10	107	<10	73
L42+00N 71+50E	<0.005	<0.2	2.72	11	<10	70	0.5	<2	0.78	<0.5	26	94	117	4.57	10	<1	0.13	10	2.16	740	1	0.03	100	950	4	0.01	<2	7	36	0.24	<10	<10	112	<10	75
L42+00N 71+75E	0.005	0.3	3.23	14	<10	100	0.6	<2	0.7	<0.5	25	102	111	4.8	10	<1	0.11	10	2.08	769	1	0.03	106	1360	6	0.03	<2	6	38	0.25	<10	<10	111	<10	89
L42+00N 72+00E	<0.005	0.2	3.08	13	<10	110	0.6	<2	0.73	<0.5	28	121	124	4.77	10	<1	0.14	10	1.98	891	1	0.03	112	1200	6	0.02	<2	7	38	0.23	<10	<10	109	<10	91
L42+00N 72+25E	<0.005	0.3	3.07	14	<10	110	0.5	<2	0.8	<0.5	27	109	114	4.87	10	<1	0.12	10	2.23	755	1	0.04	110	1210	4	0.02	<2	7	39	0.25	<10	<10	115	<10	84
L42+00N 72+50E	0.01	0.2	3.43	16	<10	100	0.6	2	0.7	<0.5	29	114	144	5.07	10	<1	0.13	10	2.19	956	2	0.03	114	1400	4	0.02	<2	7	35	0.22	<10	<10	117	<10	92
L42+00N 72+75E	0.005	0.3	3.28	19	<10	110	0.7	<2	0.69	<0.5	29	111	159	5.17	10	<1	0.14	10	1.9	1115	1	0.03	100	1400	7	0.02	<2	8	37	0.21	<10	<10	117	<10	99
L42+00N 73+00E	0.006	0.2	3.2	23	<10	120	0.7	2	0.66	0.5	28	88	175	5.19	10	1	0.14	10	1.4	1105	2	0.03	77	1580	7	0.02	<2	8	37	0.19	<10	<10	121	<10	111
L42+00N 73+25E	0.011	0.2	1.7	16	<10	80	0.5	<2	0.82	<0.5	24	88	104	4.37	10	<1	0.11	10	1.12	683	1	0.04	71	1220	4	0.01	<2	6	38	0.17	<10	<10	99	<10	68
L42+00N 73+50E	0.006	<0.2	1.8	18	<10	90	0.6	<2	0.75	<0.5	22	82	102	4.57	10	<1	0.11	10	0.98	693	1	0.03	66	1180	5	0.01	<2	6	37	0.18	<10	<10	105	<10	74
L42+00N 73+75E	0.009	0.2	1.94	16	<10	80	0.6	<2	0.66	<0.5	19	79	102	4.54	10	<1	0.1	10	0.88	606	1	0.03	59	1180	4	0.01	<2	5	36	0.17	<10	<10	101	<10	72
L42+00N 74+00E	0.007	<0.2	1.68	16	<10	80	0.6	2	0.67	<0.5	20	71	110	4.67	10	<1	0.1	10	0.78	639	1	0.02	55	1200	4	0.01	<2	6	35	0.17	<10	<10	105	<10	70
L42+00N 74+25E	0.012	0.2	2.03	15	<10	90	0.6	<2	0.62	<0.5	20	78	124	4.79	10	<1	0.09	10	0.87	637	1	0.02	60	1300	5	0.01	<2	5	35	0.17	<10	<10	106	<10	76
L42+00N 74+50E	0.01	0.2	2.04	19	<10	90	0.7	<2	0.68	<0.5	21	64	164	5.27	10	<1	0.1	10	0.82	743	1	0.02	53	1360	5	0.01	<2	6	42	0.17	<10	<10	115	<10	86
L42+00N 74+75E	0.011	0.2	2.06	20	<10	90	0.8	<2	0.63	<0.5	22	53	176	5.58	10	1	0.09	10	0.77	835	1	0.02	47	1320	5	0.01	<2	7	42	0.17	<10	<10	120	<10	93
L42+00N 75+00E	0.01	0.2	2.35	23	<10	110	0.8	<2	0.63	<0.5	28	60	212	5.8	10	<1	0.11	10	0.86	993	2	0.02	59	1260	6	0.01	<2	8	44	0.18	<10	<10	128	<10	106
L42+00N 75+25E	0.007	0.2	2.21	22	<10	100	0.7	2	0.74	<0.5	26	71	148	5.27	10	<1	0.12	10	0.92	780	1	0.02	62	1320	6	0.01	<2	7	46	0.18	<10	<10	114	<10	85
L42+00N 75+50E	0.007	0.4	3.51	23	<10	170	0.9	<2	0.61	0.5	30	72	216	5.45	10	1	0.16	10	1.18	1200	1	0.03	66	1730	9	0.02	<2	9	37	0.25	<10	<10	143	<10	117
L42+00N 75+75E	0.006	0.2	2.32	14	<10	110	0.7	<2	0.85	<0.5	26	96	120	5	10	<1	0.12	10	1.26	744	1	0.03	82	1320	7	0.01	2	8	44	0.2	<10	<10	118	<10	81
L42+00N 76+00E	0.008	<0.2	2.64	20	<10	120	0.7	<2	0.76	<0.5	27	60	132	5.53	10	<1	0.09	10	1.26	842	1	0.04	58	1260	5	0.01	2	8	42	0.22	<10	<10	152	<10	88
L42+00N 76+25E	<0.005	<0.2	2.7	22	<10	130	0.6	<2	0.83	<0.5	27	62	142	6.18	10	1	0.09	10	1.3	873	1	0.04	59	1260	7	0.01	<2	8	43	0.21	<10	<10	189	<10	89
L42+00N 76+50E	<0.005	0.2	2.79	15	<10	120	0.5	2	1.04	<0.5	27	73	132	4.57	10	<1	0.12	10	1.64	797	1	0.07	74	1120	5	0.02	<2	8	43	0.2	<10	<10	124	<10	88

SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L42+00N 76+75E	<0.005	<0.2	2.24	12	<10	90	<0.5	<2	0.85	<0.5	21	62	97	3.8	10	<1	0.11	<10	1.31	824	1	0.07	59	1200	4	0.02	<2	5	31	0.15	<10	<10	102	<10	81
L42+00N 77+00E	0.008	<0.2	2.36	13	<10	130	<0.5	<2	0.66	<0.5	30	73	83	4.12	10	<1	0.06	<10	1.1	2210	1	0.05	53	2360	7	0.13	<2	2	39	0.07	<10	<10	104	<10	71
L42+00N 77+25E	<0.005	<0.2	2.3	11	<10	100	<0.5	<2	0.71	<0.5	18	66	88	3.64	10	<1	0.08	<10	1.26	634	1	0.07	59	940	4	0.05	<2	4	26	0.13	<10	<10	97	<10	67
L42+00N 77+50E	<0.005	<0.2	2.79	8	<10	100	<0.5	<2	0.7	<0.5	19	77	108	3.93	10	1	0.07	10	1.42	608	1	0.06	64	810	4	0.04	<2	5	29	0.15	<10	<10	103	<10	59
L42+00N 77+75E	0.005	<0.2	2.84	17	<10	120	0.5	2	0.89	<0.5	28	82	150	4.79	10	<1	0.09	10	1.5	977	<1	0.05	69	690	3	<0.01	<2	11	46	0.18	<10	<10	127	<10	66
L42+00N 78+00E	<0.005	<0.2	2.66	8	<10	120	<0.5	<2	0.91	<0.5	18	64	101	3.86	10	1	0.11	10	1.53	593	1	0.07	56	1770	6	0.12	<2	3	42	0.09	<10	<10	108	<10	64
L42+00N 78+25E	<0.005	<0.2	2.48	13	<10	150	<0.5	2	0.47	<0.5	22	58	99	3.86	10	<1	0.05	10	1.2	1155	2	0.03	52	1830	7	0.17	<2	1	40	0.05	<10	<10	97	<10	57
L42+00N 78+50E	<0.005	0.2	3.06	12	<10	90	0.5	<2	0.58	<0.5	21	63	112	4.08	10	1	0.09	10	1.64	748	2	0.05	72	1360	5	0.12	<2	3	30	0.1	<10	<10	101	<10	66
L42+00N 78+75E	<0.005	0.2	2.5	10	<10	130	<0.5	<2	0.79	0.5	27	61	110	4.03	10	<1	0.21	<10	1.5	1860	1	0.07	55	1450	5	0.13	2	2	33	0.11	<10	<10	105	<10	72
L42+00N 79+00E	0.013	<0.2	3.05	17	<10	110	<0.5	2	1.04	0.5	32	81	160	4.18	10	<1	0.14	10	2.15	866	1	0.1	110	1070	6	0.02	<2	7	37	0.18	<10	<10	97	<10	74
L42+00N 79+25E	<0.005	0.3	3.58	17	<10	100	0.6	<2	0.65	<0.5	26	68	147	4.7	10	<1	0.1	10	1.42	1105	2	0.05	71	1970	9	0.07	<2	5	38	0.15	<10	<10	108	<10	86
L42+00N 79+50E	<0.005	0.2	3.18	17	<10	100	0.5	<2	0.63	<0.5	27	68	128	4.68	10	<1	0.1	10	1.34	1450	2	0.05	66	1820	7	0.08	<2	5	41	0.17	<10	<10	112	<10	91
L42+00N 79+75E	<0.005	0.3	3.21	16	<10	90	0.6	<2	0.56	<0.5	21	60	104	4.77	10	1	0.08	10	1.2	1020	2	0.04	55	1530	7	0.1	<2	4	41	0.22	<10	<10	110	<10	84
L42+00N 80+00E	<0.005	<0.2	2.96	73	<10	110	<0.5	<2	0.55	<0.5	22	63	110	3.96	10	<1	0.1	10	1.22	871	1	0.05	63	1260	5	0.08	3	3	28	0.11	<10	<10	92	<10	68
L42+00N 80+25E	<0.005	0.3	2.96	24	<10	80	0.5	<2	0.63	<0.5	17	55	124	3.8	10	1	0.09	10	1.12	770	2	0.04	54	1660	6	0.14	<2	3	43	0.09	<10	<10	98	<10	67
L42+00N 80+50E	<0.005	0.3	3.94	62	<10	170	0.6	<2	0.78	<0.5	31	91	198	5.06	10	<1	0.16	10	1.85	1005	1	0.05	99	1170	5	0.02	2	11	47	0.2	<10	<10	119	<10	92
L42+00N 80+75E	0.007	0.2	3.81	22	<10	140	0.5	<2	0.75	<0.5	35	81	182	4.9	10	<1	0.16	10	1.92	1240	1	0.06	102	1540	6	0.02	<2	8	41	0.2	<10	<10	108	<10	104
L42+00N 81+00E	<0.005	<0.2	3.17	15	<10	150	0.5	<2	0.7	0.5	24	63	124	3.78	10	1	0.12	10	1.4	745	1	0.06	72	1260	5	0.03	2	6	33	0.15	<10	<10	92	<10	61
L42+00N 81+25E	0.006	<0.2	3.27	17	<10	110	<0.5	<2	0.74	<0.5	24	65	144	4.07	10	<1	0.12	10	1.56	824	1	0.06	79	1320	6	0.04	<2	5	45	0.15	<10	<10	93	<10	78
L42+00N 81+50E	0.005	0.2	3.54	13	<10	150	0.6	2	0.47	<0.5	22	63	128	4.32	10	1	0.08	10	1.38	924	2	0.05	81	1400	6	0.12	<2	2	35	0.1	<10	<10	98	<10	69
L42+00N 81+75E	<0.005	<0.2	2.38	16	<10	130	<0.5	<2	0.71	<0.5	23	51	126	3.82	10	<1	0.15	10	1.28	646	1	0.05	58	930	5	0.01	<2	7	41	0.18	<10	<10	96	<10	63
L42+00N 82+00E	0.007	0.3	3.59	18	<10	110	0.5	<2	0.59	<0.5	24	61	142	4.08	10	1	0.1	10	1.33	1075	2	0.05	78	1830	6	0.1	<2	3	35	0.12	<10	<10	93	<10	78
L42+00N 82+25E	0.005	<0.2	2.88	13	<10	150	0.5	<2	0.91	<0.5	26	60	138	4.01	10	1	0.09	10	1.54	606	1	0.05	85	1000	5	0.01	<2	6	66	0.19	<10	<10	90	<10	70
L42+00N 82+50E	0.005	<0.2	2.93	14	<10	160	0.6	2	0.88	<0.5	27	58	147	4.55	10	<1	0.16	10	1.54	741	1	0.04	75	1100	6	0.02	<2	7	55	0.22	<10	<10	107	<10	81
L42+00N 82+75E	<0.005	0.2	3.34	13	<10	120	0.5	<2	0.64	<0.5	31	58	172	4.1	10	<1	0.13	10	1.55	1090	1	0.04	78	1560	7	0.05	<2	4	41	0.14	<10	<10	95	<10	76
L42+00N 83+00E	<0.005	0.2	2.97	15	<10	130	<0.5	2	0.58	<0.5	29	63	168	4.06	10	1	0.1	10	1.48	931	1	0.04	76	1120	7	0.06	<2	4	41	0.13	<10	<10	95	<10	74
L42+00N 83+25E	<0.005	0.2	2.94	14	<10	130	<0.5	<2	0.78	<0.5	35	63	202	4.49	10	<1	0.25	10	1.81	1185	1	0.05	79	1120	13	0.02	<2	7	38	0.19	<10	<10	106	<10	92
L42+00N 83+75E	<0.005	0.2	4.11	10	<10	150	<0.5	<2	1.55	<0.5	41	89	194	4.96	10	<1	0.24	10	2.66	1440	<1	0.04	87	1120	7	0.01	<2	13	88	0.21	<10	<10	141	<10	73
L42+00N 84+00E	0.016	0.2	3.45	7	<10	140	<0.5	<2	1.5	<0.5	42	84	227	4.35	10	<1	0.21	10	2.36	1090	<1	0.05	96	1100	4	0.01	2	10	74	0.21	<10	<10	114	<10	68
L42+00N 84+25E	<0.005	<0.2	3.49	6	<10	150	<0.5	<2	1.08	<0.5	34	84	206	3.95	10	1	0.18	10	2.56	760	<1	0.04	118	950	5	0.02	<2	7	52	0.2	<10	<10	99	<10	61
L42+00N 84+50E	0.008	0.3	3.02	11	<10	220	<0.5	<2	0.98	<0.5	36	64	200	3.8	10	1	0.22	10	1.92	845	1	0.04	94	850	4	0.01	<2	7	57	0.18	<10	<10	93	<10	58
L42+00N 84+75E	0.007	0.2	2.62	9	<10	200	<0.5	2	0.93	<0.5	42	71	209	3.93	10	<1	0.34	10	2	967	<1	0.04	112	1080	4	<0.01	<2	7	38	0.2	<10	<10	93	<10	57
L42+00N 85+00E	0.005	0.2	2.36	4	<10	150	<0.5	<2	0.92	<0.5	24	49	163	3.32	10	<1	0.27	<10	1.64	517	1	0.04	83	920	4	0.02	<2	4	41	0.18	<10	<10	83	<10	55
L42+00N 85+25E	0.011	0.2	2.79	14	<10	130	<0.5	<2	0.89	0.5	30	55	229	4.05	10	1	0.29	10	1.68	832	1	0.04	78	1090	6	0.04	<2	5	44	0.19	<10	<10	101	<10	96
L42+00N 85+50E	0.01	<0.2	2.21	13	<10	230	<0.5	<2	0.87	0.6	29	47	132	3.93	10	1	0.28	<10	1.28	1135	1	0.02	56	1260	6	0.08	<2	3	54	0.13	<10	<10	100	<10	91
L42+00N 86+00E	<0.005	<0.2	2.4	4	<10	120	<0.5	<2	0.46	<0.5	25	80	101	3.79	10	<1	0.07	<10	1.67	502	<1	0.02	118	550	2	0.02	<2	6	20	0.1	<10	<10	77	<10	40
L42+00N 86+25E	<0.005	0.2	1.85	4	<10	150	<0.5	<2	0.82	<0.5	22	59	93	2.77	<10	1	0.06	<10	1.39	631	1	0.02	83	1140	4	0.09	<2	2	38	0.07	<10	<10	61	<10	36

VA05081580 - Finalized
CLIENT : "UNEXMA - United Exploration Management Inc."
# of SAMPLES : 235
DATE RECEIVED : 2005-09-22 DATE FINALIZED : 2005-10-04
PROJECT : "RHG"
CERTIFICATE COMMENTS : "NSS is non-sufficient sample."
PO NUMBER : " "

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L43+00N S70+00E	0.005	0.3	2.95	10	<10	50	<0.5	<2	0.65	<0.5	28	81	108	4.34	10	<1	0.08	<10	2.6	689	1	0.02	116	1000	5	0.01	<2	6	27	0.19	<10	<10	102	<10	58
L43+00N S70+25E	0.005	0.3	2.78	11	<10	70	<0.5	<2	0.57	<0.5	28	72	110	4.29	10	<1	0.12	<10	2.09	899	1	0.02	98	1200	5	0.01	<2	7	25	0.21	<10	<10	101	<10	72
L43+00N S70+50E	0.005	<0.2	2.92	8	<10	70	<0.5	<2	0.65	<0.5	29	84	117	4.35	10	<1	0.1	<10	2.35	828	1	0.02	112	1060	4	0.01	<2	8	29	0.23	<10	<10	104	<10	65
L43+00N S70+75E	0.006	0.2	3.35	13	<10	100	0.7	<2	0.62	<0.5	24	85	120	4.93	10	<1	0.1	10	1.8	792	2	0.02	83	1530	6	0.03	<2	8	39	0.25	<10	<10	114	<10	87
L43+00N S71+00E	0.01	0.2	3.33	14	<10	100	0.7	<2	0.75	<0.5	28	89	135	5.31	10	1	0.12	10	2	954	1	0.03	91	1390	7	0.02	<2	9	47	0.27	<10	<10	124	<10	97
L43+00N S71+25E	0.015	0.2	3.16	13	<10	100	0.7	<2	0.63	<0.5	23	83	114	5.15	10	<1	0.09	10	1.54	710	2	0.03	77	1520	7	0.02	<2	7	36	0.27	<10	<10	115	<10	92
L43+00N S71+50E	0.009	<0.2	2.78	10	<10	80	0.5	<2	0.76	<0.5	25	100	110	4.63	10	<1	0.1	10	2.14	725	1	0.03	104	980	6	0.01	2	7	37	0.23	<10	<10	110	<10	79
L43+00N S71+75E	0.005	0.2	2.73	12	<10	90	<0.5	<2	0.67	<0.5	25	88	110	4.45	10	<1	0.1	10	2.06	681	1	0.03	102	950	5	0.01	<2	6	29	0.21	<10	<10	106	<10	73
L43+00N S72+00E	0.008	<0.2	3.04	14	<10	90	0.5	<2	0.6	<0.5	27	95	113	4.8	10	<1	0.12	10	2.04	795	1	0.03	104	1270	4	0.02	<2	6	30	0.23	<10	<10	106	<10	82
L43+00N S72+25E	0.006	0.3	3.37	14	<10	90	0.6	<2	0.6	<0.5	29	95	116	5.1	10	1	0.12	10	2.23	849	1	0.03	110	1350	4	0.02	<2	7	27	0.28	<10	<10	110	<10	83
L43+00N S72+50E	<0.005	0.2	3.52	14	<10	70	0.6	<2	0.56	<0.5	27	85	112	5.17	10	1	0.11	10	2.03	870	1	0.03	96	1590	6	0.03	<2	6	26	0.27	<10	<10	113	<10	87
L43+00N S72+75E	0.005	0.2	3.55	14	<10	90	0.6	2	0.6	<0.5	29	99	114	5.39	10	<1	0.13	10	2.48	848	1	0.03	116	1600	4	0.03	<2	7	25	0.31	<10	<10	116	<10	83
L43+00N S73+00E	0.009	<0.2	2.6	15	<10	110	0.6	<2	0.69	<0.5	26	93	128	4.63	10	<1	0.13	10	1.58	888	1	0.04	85	1290	6	0.01	<2	7	33	0.19	<10	<10	105	<10	87
L43+00N S73+25E	0.009	<0.2	3.22	14	<10	140	0.8	<2	0.68	<0.5	24	106	130	4.78	10	<1	0.15	10	1.37	907	2	0.04	84	1400	4	0.01	<2	8	38	0.22	<10	<10	109	<10	95
L43+00N S73+50E	0.022	0.5	3.34	17	<10	110	0.8	<2	0.49	<0.5	20	87	102	4.77	10	1	0.1	10	1.11	891	2	0.03	61	1750	8	0.05	<2	5	31	0.23	<10	<10	111	<10	88
L43+00N S73+75E	0.005	0.3	4.8	24	<10	190	1.1	2	0.34	<0.5	27	120	138	5.51	10	<1	0.1	20	1.27	1330	2	0.02	86	1810	8	0.09	<2	6	27	0.2	<10	<10	136	<10	99
L43+00N S74+00E	0.008	<0.2	2.1	18	<10	100	0.7	<2	0.66	<0.5	22	71	130	5.01	10	<1	0.1	10	0.91	760	1	0.02	58	1240	6	0.01	<2	6	40	0.17	<10	<10	117	<10	81
L43+00N S74+25E	0.012	0.3	2.77	19	<10	130	0.8	<2	0.61	<0.5	29	81	168	5.51	10	<1	0.11	10	1.08	1120	1	0.03	74	1300	6	0.01	<2	9	38	0.18	<10	<10	133	<10	104
L43+00N S74+50E	0.01	0.2	2.86	20	<10	150	0.8	<2	0.67	<0.5	27	86	135	5.44	10	<1	0.14	10	1.23	848	1	0.03	72	1460	7	0.01	2	7	41	0.21	<10	<10	129	<10	93
L43+00N S74+75E	<0.005	<0.2	3.02	18	<10	130	0.7	2	0.74	<0.5	24	83	124	4.69	10	1	0.13	10	1.36	851	1	0.05	72	1330	7	0.02	<2	7	36	0.19	<10	<10	116	<10	84
L43+00N S75+00E	NSS	0.2	2.98	14	<10	130	0.6	<2	0.98	<0.5	25	92	129	4.6	10	<1	0.13	10	1.46	881	1	0.05	70	1260	5	0.03	<2	7	36	0.2	<10	<10	121	<10	82
L43+00N S75+25E	0.007	<0.2	3.73	11	<10	180	0.6	<2	0.74	<0.5	25	101	142	4.72	10	<1	0.12	10	1.54	862	1	0.05	75	1380	6	0.05	<2	7	36	0.16	<10	<10	125	<10	79
L43+00N S75+50E	0.008	0.2	2.98	15	<10	140	0.6	<2	0.49	<0.5	22	68	108	4.21	10	1	0.08	10	1.21	1530	2	0.03	48	1810	7	0.15	<2	2	35	0.08	<10	<10	112	<10	65
L43+00N S75+75E	0.005	<0.2	3.3	14	<10	100	0.7	<2	0.44	<0.5	22	67	114	4.38	10	<1	0.13	10	1.26	1235	2	0.03	51	1660	7	0.1	<2	3	24	0.1	<10	<10	108	<10	89
L43+00N S76+00E	0.008	0.2	2.85	14	<10	130	0.5	<2	0.68	<0.5	20	83	127	4.23	10	1	0.2	10	1.6	724	1	0.04	60	1120	4	0.02	<2	6	30	0.18	<10	<10	109	<10	70
L43+00N S76+25E	<0.005	0.4	3.04	10	<10	80	0.7	<2	0.44	<0.5	12	49	94	3.49	10	1	0.05	10	0.85	470	2	0.02	36	2090	7	0.16	<2	1	41	0.06	<10	<10	89	<10	60
L43+00N S76+50E	0.008	0.2	3.36	14	<10	100	0.7	2	0.79	0.5	24	60	144	4.73	10	<1	0.1	10	1.27	1175	2	0.04	57	1710	7	0.08	<2	5	44	0.14	<10	<10	121	<10	97
L43+00N S76+75E	0.007	0.5	2.06	15	<10	120	0.5	<2	0.67	0.5	22	49	95	4	10	1	0.06	10	0.73	1320	3	0.03	34	2140	8	0.2	<2	1	56	0.05	<10	<10	99	<10	62
L43+00N S77+00E	0.013	0.4	3.95	24	<10	170	0.9	<2	0.65	<0.5	28	59	220	5	10	1	0.07	20	1.07	1335	2	0.04	57	1880	11	0.14	<2	6	51	0.11	<10	<10	121	<10	98
L43+00N S77+25E	0.01	0.2	3.02	24	<10	110	0.8	<2	0.72	<0.5	24	52	211	5.15	10	1	0.06	10	0.98	1035	2	0.04	50	910	7	0.02	<2	8	54	0.17	<10	<10	132	<10	103
L43+00N S77+50E	0.018	0.4	3.32	20	<10	100	0.7	<2	0.65	0.6	28	54	144	4.13	10	<1	0.07	10	0.9	1750	2	0.03	46	2110	8	0.14	2	2	38	0.07	<10	<10	103	<10	91
L43+00N S77+75E	0.032	0.3	2.49	18	<10	90	0.6	2	0.92	0.6	25	52	190	4.53	10	<1	0.08	10	1.09	905	1	0.05	55	950	6	0.01	<2	7	50	0.18	<10	<10	109	<10	94
L43+00N S78+00E	0.01	0.3	2.68	18	<10	100	0.7	<2	0.56	0.5	20	50	160	4.05	10	1	0.06	10	0.9	988	2	0.03	49	1320	7	0.1	<2	3	46	0.1	<10	<10	93	<10	94
L43+00N S78+25E	<0.005	0.3	2.24	16	<10	90	0.5	<2	0.75	<0.5	20	50	123	3.46	10	<1	0.07	10	0.83	1270	2	0.02	41	2110	9	0.2	<2	1	58	0.05	<10	<10	83	<10	78
L43+00N S78+50E	0.01	0.2	2.71	26	<10	120	0.6	<2	0.66	<0.5	25	50	201	4.98	10	<1	0.06	10	0.96	1015	2	0.03	55	1020	12	0.08	<2	4	56	0.13	<10	<10	117	<10	102
L43+00N S78+75E	0.009	0.4	3.03	33	<10	110	0.8	<2	0.76	<0.5	31	52	271	5.18	10	<1	0.07	10	1.08	1185	2	0.04	60	1120	13	0.03	<2	8	70	0.17	<10	<10	115	<10	121
L43+00N S79+00E	0.013	0.3	2.93	17	<10	110	0.8	<2	0.75	<0.5	27	48	228	4.95	10	<1	0.06	10	0.95	1045	2	0.03	55	950	10	0.03	<2	7	64	0.16	<10	<10	111	<10	107
L43+00N S79+25E	0.008	0.3	2.74	16	<10	100	0.7	<2	0.75	0.6	27	47	233	4.77	10	<1	0.06	10	0.96	980	2	0.03	64	1040	10	0.04	<2	6	61	0.16	<10	<10	104	<10	129
L43+00N S79+50E	0.013	0.3	3.22	15	<10	100	0.8	<2	0.81	<0.5	30	52	223	4.88	10	<1	0.07	10	1.02	1020	2	0.03	62	1270	12	0.05	<2	6	69	0.15	<10	<10	109	<10	120
L43+00N S79+75E	0.025	0.3	2.84	22	<10	80	0.7	<2	0.88	<0.5	31	55	243	5.16	10	<1	0.07	10	1.27	1070	2	0.04	76	1320	10	0.03	3	6	65	0.18	<10	<10	110	<10	130
L43+00N S80+00E	0.009	0.4	3.12	25	<10	90	0.7	<2	0.84	<0.5	28	44	204	4.36	10	<1	0.05	10	0.87	883	2	0.03	58	850	9	0.05	<2	5	73	0.14	<10	<10	102	<10	94
L43+00N S80+25E	0.011	0.4	3.23	25	<10	90	0.7	<2	0.94	<0.5	32	54	291	4.95	10	<1	0.08	10	1.15	1010	3	0.04	72	1260	12	0.04	<2	7	83	0.16	<10	<10	111	<10	134
L43+00N S80+50E	0.016	0.4	2.7	249	<10	100	0.7	<2	1.12	1.7	35	44	263	7.13	10	1	0.09	10	0.94	1720	3	0.03	49	1310	11	0.02	9	12	76	0.13	<10	<10	150	<10	153
L43+00N S80+75E	0.008	0.3	2.83	28	<10	100	0.6	<2	0.82	<0.5	23	54	189	4.46	10	<1	0.06	10	1.08	811	2	0.04	61	1020	8	0.04	3	7	83	0.15	<10	<10	102	<10	101
L43+00N S81+00E	0.007	0.2	3.05	27	<10	120	0.6	<2	0.84	<0.5	22	61	188	4.67	10	<1	0.07	10	1.14	715	2	0.05	62	1040	7	0.04	3	8	76	0.17	<10	<10	110	<10	102
L43+00N S81+25E	0.01	<0.2	2.68	25	<10	90	0.7	<2	1.06	0.8	31	47	190	5.05	10	<1	0.08	10	0.93	1095	2	0.04	50	1100	8	0.02	<2	8	74	0.19	<10	<10	122	<10	98
L43+00N S81+50E	0.006	0.3	3.23	25	<10	100	0.8	<2	0.83	0.8	28	51	156	4.91	10	<1	0.08	10	1.14	1225	2	0.04	52	1550	11	0.06	<2	7	68	0.25	<10	<10	107	<10	106
L43+00N S81+75E	0.013	<0.2	2.1	30	<10	100	0.5	<2	0.87	0.5	24	45	143	4.56	<10	<1	0.07	10	0.95	838	2	0.04	44	1040	11	0.01	<2	6	83	0.2	<10	<10	105	<10	87
L43+00N S82+00E	0.01	<0.2	2.51	16	<10	100	0.5	<2	1.04	0.5	28	45	156	4.3	10	<1	0.09	10	0.96	1050	1	0.04	45	1090	8	0.02	<2	8	136	0.18	<10	<10	101	<10	79
L43+00N S82+25E	0.008	0.2	2.65	16	<10	140	0.6	<2	0.95	<0.5	28	49	166	4.28	10	<1	0.09	10	1.11	1295	1	0.04	52	1070	8	0.02	2	8	132	0.18	<10	<10	101	<10	89
L43+00N S82+50E	0.011	0.3	3.2	67	<10	100	0.9	<2	0.84	0.6	54	36	361	7.9	10	<1	0.1	10	0.96	3010	3	0.03	62	1460	11	0.01	<2	15	70	0.21	<10	<10	185	<10	170
L43+00N S82+75E	0.008	0.2	2.28	24	<10	100	0.6	<2	0.88	0.5	30	45	205	5.03	10	<1	0.11	10	1.03	1225	1	0.04	60	1160	7	0.01	<2	8	77	0.2	<10	<10	111	<10	117
L43+00N S83+00E	0.01	<0.2	2.78	17	<10	110	0.8	<2	0.85	<0.5	23	49	162	4.42	10	<1	0.07	10	1.1	821	2	0.04	53	1030	10	0.02	<2	8	86	0.18	<10	<10	98	<10	93
L43+00N S83+25E	0.048	<0.2	3.17	23	<10	120	0.8	<2	0.8	<0.5	26	51	187	4.55	10	<1	0.08	10	1.16	877	2	0.03	59	1050	9	0.03	<2	7	76	0.18	<10	<10	104	<10	98
L43+00N S83+50E	0.009	<0.2	2.47	16	<10	90	0.7	<2	0.87	<0.5	21	47	146	4.18	10	<1	0.09	10	1.08	657	1	0.03	49	1080	7	0.02	<2	7	64	0.19	<10	<10	96	<10	87
L43+00N S83+75E	0.087	<0.2	3.28	14	<10	110	0.8	<2	0.81	0.5	28	50	202	4.8	10	<1	0.07	10	1.09	1080	1	0.03	59	990	9	0.03	<2	8	78	0.18	<10	<10	116	<10	101
L43+00N S84+00E	0.022	<0.2	3.56	17	<10	110	0.8	<2	0.73	<0.5	30	45	161	4.99	10	1	0.07	10	1.03	1095	2	0.03	49	1040	7	0.04	<2	7	62	0.19	<10	<10	121	<10	91
L43+00N S84+25E	0.007	<0.2	2.56	18	<10	70	0.5	<2	0.64	0.5	21	38	144	4.06	10	<1	0.04	10	0.64	871	2	0.03	37	1170	6	0.06	<2	3	46	0.15	<10	<10	110	<10	66
L43+00N S84+50E	0.019	0.2	3.28	19	<10	90	0.6	<2	0.75	<0.5	39	38	237	4.71	10	1	0.08	10	0.81	1215	2	0.03	53	1150	9	0.09	<2	3	68	0.13	<10	<10	103	<10	118
L43+00N S84+75E	0.012	0.3	3.62	32	<10	90	0.7	<2	1.3	0.5	52	40	341	5.48	10	<1	0.09	10	0.98	1590	2	0.03	61	1260	12	0.05	2	7	130	0.15	<10	<10	125	<10	145
L43+00N S85+00E	0.01	0.3	2.78	44	<10	120	0.6	<2	0.97	0.6	45	37	313	5.76	10	<1	0.18	10	1.04	1660	2	0.02	49	1340	9	0.02	<2	9	80	0.17	<10	<10	131	<10	129
L43+00N S85+25E	<0.005	<0.2	3.08	5	<10	140	<0.5	<2	0.76	<0.5	33	52	209	3.33	10	<1	0.16	<10	2.09	556	1	0.06	99	930	2	0.08	<2	3	45	0.19	<10	<10	66	<10	50
L43+00N S85+50E	0.006	0.2	3.15	26	<10	130	<0.5	<2	1.07	<0.5	38	54	253	4.7	10	<1	0.2	10	1.92	927	1	0.04	87	1140	7	0.04	<2	7	58	0.22	<10	<10	113	<10	110
L43+00N S85+75E	0.009	<0.2	3.05	11	<10	120	<0.5	<2	0.73	<0.5	29	52	187	3.72	10	<1	0.16	10	1.86	688	<1	0.04	80	900	4	0.04	<2	4	49	0.19	<10	<10	85	<10	64
L43+00N S86+00E	<0.005	0.2	2.79	17	<10	120	<0.5	<2	0.7	<0.5	29	49	164	3.59	10	<1	0.07	10	1.63	844	1	0.03	68	1150	5	0.11	<2	3	45	0.13	<10	<10	85	<10	67
L43+00N S86+25E	0.011	0.4	3.48	15	<10	120	0.5	<2	1.32	<0.5	46	61	368	5.36	10	<1	0.21	10	1.82	1190	2	0.03	82	1330	7	0.04	<2	8	116	0.22	<10	<10	134	<10	129
L43+00N S86+50E	0.006	0.2	2.93	6	<10	130	<0.5	<2	1.02	<0.5	34	56	195	3.78	10	<1	0.2	<10	1.82	901	1	0.03	88	1430	7	0.09	<2	4	47	0.16	<10	<10	94	<10	91
L43+00N S86+75E	<0.005	<0.2	3.01	6	<10	130	<0.5	<2	1.06	<0.5	25	61	178	3.97	10	<1	0.14	10	1.75	844	1	0.03	70	1530	6	0.1	<2	4	38	0.18	<10	<10	109	<10	104
L43+00N S87+00E	<0.005	<0.2	2.44	7	<10	110	<0.5	<2	0.74	0.6	25	47	137	3.85	10	<1	0.19	10	1.32	1040	1	0.02	53	1370	5	0.09	<2	2	39	0.14	<10	<10	101	<10	92
L43+00N S87+25E	<0.005	0.2	2.58	14	<10	130	<0.5	<2	0.53	0.5	24	41	179	4.29	10	<1	0.11	10	1.45	857	1	0.02	37	910	6	0.08	<2	4	30	0.24	<10	<10	144	<10	75
L43+00N S87+50E	<0.005	<0.2	2.39	3	<10	120	<0.5	2	0.63	<0.5	27	74	165	3.05	10	1	0.21	<10	2.18	402	<1	0.02	126	610	2	0.03	<2	3	13	0.17	<10	<10	68	<10	40
L43+00N S87+75E	<0.005	<0.2	2.47	5	<10	130	<0.5	<2	0.68	<0.5	24	31	317	4.7	10	<1	0.3	10	1.19	1135	1	0.02	27	1480	4	0.03	2	6	29	0.27	<10	<10	138	<10	63
L43+00N S88+00E	<0.005	<0.2	2.46	2	<10	120	<0.5	<2	0.63	<0.5	25	71	158	3.42	10	<1	0.28	<10	1.92	530	<1	0.02	86	810	<2	0.04	<2	3	28	0.2	<10	<10	92	<10	61
L43+00N S88+25E	0.005	<0.2	2	3	<10	140	<0.5	<2	0.81	0.6	27	60	111	3.03	10	<1	0.25	<10	1.45	733	1	0.02	65	1180	4	0.08	<2	2	38	0.12	<10	<10	79	<10	80
L43+00N S88+50E	<0.005	<0.2	2.37	<2	<10	100	<0.5	2	0.81	<0.5	23	73	106	3.08	10	<1	0.08	<10	1.96	517	<1	0.02	94	1110	7	0.07	<2	2	23	0.13	<10	<10	74	<10	58
L43+00N S88+75E	0.006	0.2	1.99	4	<10	110	<0.5	<2	0.38	<0.5	22	47	144	2.77	<10	1	0.16	10	1.29	523	<1	0.01	66	1000	5	0.07	<2	2	19	0.12	<10	<10	72	<10	41
L43+00N S89+00E	0.005	<0.2	2.3	5	<10	110	<0.5	<2	0.57	<0.5	23	52	179	3.27	10	<1	0.17	<10	1.56	539	<1	0.01	71	870	4	0.03	<2	4	23	0.18	<10	<10	87	<10	67
L43+00N S89+25E	0.009	0.4	2.02	10	<10	130	<0.5	<2	0.57	<0.5	24	23	297	4.88	10	<1	0.23	10	0.83	876	1	0.01	32	1070	3	0.04	<2	5	36	0.23	<10	<10	183	<10	89
L43+00N S89+50E	0.01	0.2	2.13	11	<10	150	<0.5	2	0.51	<0.5	20	32	241	5.14	10	<1	0.39	<10	0.94	689	1	0.01	28	980	2	0.04	<2	6	48	0.26	<10	<10	197	<10	80
L43+00N S89+75E	0.005	0.3	1.22	2	10	240	<0.5	2	2.18	2.6	30	31	205	2.6	<10	<1	0.33	10	0.67	1340	1	0.02	31	1550	3	0.12	<2	3	84	0.15	<10	<10	91	<10	225
L43+00N S90+00E	0.007	0.4	1.61	3	<10	330	<0.5	<2	1.58	2.6	26	34	209	2.9	<10	1	0.2	10	0.72	2390	1	0.02	37	2670	6	0.18	<2	2	76	0.07	<10	<10	89	<10	161
L44+00N S70+00E	0.007	0.2	3.17	3	<10	70	0.5	<2	0.44	<0.5	18	84	89	4.03	10	<1	0.07	10	1.74	566	1	0.02	76	1220	6	0.06	<2	3	27	0.11	<10	<10	106	<10	64
L44+00N S70+25E	0.006	<0.2	3.4	9	<10	60	0.5	2	0.47	<0.5	26	82	119	4.42	10	1	0.08	10	2.03	820	1	0.02	86	1100	4	0.02	<2	6	19	0.19	<10	<10	121	<10	72
L44+00N S70+50E	0.005	<0.2	3.16	7	<10	50	<0.5	3	0.22	<0.5	14	65	69	3.94	10	<1	0.04	10	0.97	736	2	0.01	42	1620	6	0.11	2	2	21	0.1	<10	<10	109	<10	55
L44+00N S70+75E	0.009	<0.2	3.57	5	<10	50	<0.5	2	0.53	<0.5	17	69	95	3.91	10	<1	0.1	10	1.66	606	1	0.02	63	1370	2	0.06	<2	4	20	0.16	<10	<10	108	<10	64
L44+00N S71+00E	0.009	<0.2	3.24	8	<10	70	0.5	2	0.49	<0.5	21	84	107	4.41	10	<1	0.06	10	1.9	715	1	0.02	83	1050	6	0.05	<2	5	31	0.16	<10	<10	118	<10	72
L44+00N S71+25E	0.006	<0.2	3.33	7	<10	60	<0.5	<2	0.51	<0.5	23	74	100	4.14	10	<1	0.06	10	2.03	641	1	0.02	86	1070	5	0.03	<2	5	26	0.19	<10	<10	107	<10	60
L44+00N S71+50E	<0.005	<0.2	3.65	7	<10	80	0.5	2	0.53	<0.5	27	100	107	4.73	10	<1	0.1	10	2.48	746	1	0.02	113	1200	7	0.02	<2	6	24	0.24	<10	<10	115	<10	77

SAMPLE DESCRIPTION	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L44+00N S71+75E	0.006	<0.2	3.74	11	<10	80	0.6	<2	0.44	<0.5	24	92	108	4.86	10	1	0.09	10	1.87	692	2	0.02	88	1620	8	0.04	<2	6	30	0.24	<10	<10	131	<10	87
L44+00N S72+00E	0.012	0.2	4.44	13	<10	100	0.7	2	0.5	<0.5	26	128	120	5.22	10	<1	0.11	10	2.34	863	1	0.02	114	1700	7	0.06	3	7	31	0.22	<10	<10	128	<10	94
L44+00N S72+25E	0.006	<0.2	3.44	10	<10	70	0.6	3	0.58	<0.5	23	74	108	4.67	10	<1	0.09	10	1.9	716	1	0.02	82	1430	6	0.03	2	7	29	0.25	<10	<10	116	<10	75
L44+00N S72+50E	<0.005	0.2	3.71	8	<10	80	0.6	2	0.6	<0.5	29	102	111	4.97	10	1	0.12	10	2.7	797	1	0.03	126	1170	5	0.01	<2	7	28	0.27	<10	<10	115	<10	83
L44+00N S72+75E	0.008	<0.2	3.29	8	<10	120	0.6	2	0.73	<0.5	26	98	119	4.81	10	<1	0.14	10	2.03	851	1	0.04	99	1240	5	0.01	<2	8	38	0.26	<10	<10	113	<10	85
L44+00N S73+00E	0.007	<0.2	4.17	15	<10	130	0.9	<2	0.59	0.6	29	114	150	5.17	10	1	0.16	10	1.63	1245	2	0.03	93	1970	10	0.03	<2	8	34	0.24	<10	<10	124	<10	114
L44+00N S73+25E	0.011	0.3	2.76	13	<10	100	0.7	2	0.68	0.5	22	92	107	4.69	10	<1	0.13	10	1.39	787	1	0.04	76	1340	7	0.01	<2	7	37	0.22	<10	<10	112	<10	86
L44+00N S73+50E	0.007	0.2	2.68	15	<10	120	0.7	3	0.62	0.6	23	83	121	4.82	10	<1	0.12	10	1.12	797	1	0.03	66	1330	7	0.01	<2	7	38	0.19	<10	<10	119	<10	89
L44+00N S73+75E	0.007	<0.2	2.67	10	<10	120	0.7	2	0.63	<0.5	22	77	127	4.75	10	1	0.11	10	1.09	782	2	0.03	64	1230	7	0.01	<2	8	39	0.19	<10	<10	115	<10	86
L44+00N S74+00E	0.02	<0.2	2.14	13	<10	90	0.6	<2	0.74	0.5	19	75	102	4.48	10	<1	0.11	10	1.05	646	1	0.03	58	1130	5	0.01	<2	6	39	0.16	<10	<10	117	<10	79
L44+00N S74+25E	0.009	<0.2	3.74	14	<10	130	0.8	<2	0.6	0.5	20	93	117	4.4	10	1	0.11	10	1.02	1005	2	0.02	59	1990	8	0.09	<2	4	41	0.11	<10	<10	116	<10	97
L44+00N S74+50E	0.014	<0.2	3.38	16	<10	90	0.8	2	0.52	0.7	22	68	115	4.62	10	<1	0.11	10	1.07	1365	2	0.03	55	1930	8	0.05	2	5	33	0.16	<10	<10	115	<10	107
L44+00N S74+75E	0.016	0.2	4.08	17	<10	90	0.8	3	0.44	0.5	20	57	115	4.38	10	1	0.08	10	0.85	1280	3	0.03	44	1710	9	0.08	<2	3	27	0.13	<10	<10	114	<10	85
L44+00N S75+00E	0.01	<0.2	3.94	17	<10	100	0.8	<2	0.48	<0.5	21	71	128	4.71	10	1	0.1	10	0.99	1050	3	0.03	54	1990	7	0.06	<2	5	32	0.16	<10	<10	120	<10	93
L44+00N S75+25E	0.01	<0.2	3.78	18	<10	90	0.8	<2	0.46	0.7	21	72	128	4.63	10	<1	0.08	10	0.9	1115	2	0.03	54	1520	8	0.07	<2	4	27	0.15	<10	<10	119	<10	99
L44+00N S75+50E	0.011	<0.2	3.88	19	<10	90	0.6	2	0.49	0.5	21	63	126	4.61	10	<1	0.1	10	1.01	1190	3	0.03	48	2210	11	0.05	2	5	37	0.17	<10	<10	118	<10	109
L44+00N S75+75E	0.01	<0.2	3.78	17	<10	100	0.7	3	0.5	<0.5	24	69	132	4.9	10	<1	0.09	10	1.07	1085	2	0.03	57	1940	8	0.04	2	6	36	0.17	<10	<10	126	<10	107
L44+00N S76+00E	0.007	0.2	2.83	34	<10	90	0.7	<2	0.8	0.9	24	53	168	5.21	10	<1	0.08	10	0.92	1070	2	0.03	49	1180	6	0.01	2	8	68	0.2	<10	<10	133	<10	141
L44+00N S76+25E	0.01	<0.2	2.79	24	<10	100	0.7	<2	0.73	<0.5	21	54	138	4.98	10	<1	0.07	10	0.98	773	2	0.04	50	1060	7	0.02	3	7	45	0.17	<10	<10	129	<10	98
L44+00N S76+50E	0.013	<0.2	3	30	<10	100	0.8	<2	0.68	0.9	21	58	160	5.39	10	2	0.05	10	0.89	786	5	0.04	54	1060	3	0.03	2	7	49	0.16	<10	<10	149	<10	134
L44+00N S76+75E	0.01	<0.2	2.76	22	<10	90	0.7	<2	0.78	<0.5	20	47	158	4.84	10	1	0.07	10	0.89	870	2	0.04	44	1190	6	0.03	<2	7	49	0.17	<10	<10	129	<10	86
L44+00N S77+00E	0.007	<0.2	3.21	16	<10	110	0.8	<2	0.65	<0.5	21	49	164	4.63	10	<1	0.06	10	0.9	777	3	0.03	50	1210	6	0.04	3	6	49	0.15	<10	<10	115	<10	88
L44+00N S77+25E	0.007	0.2	3.93	25	<10	130	0.9	<2	0.51	<0.5	24	54	157	4.73	10	2	0.07	10	0.86	1275	5	0.03	53	1950	8	0.12	2	5	47	0.11	<10	<10	113	<10	94
L44+00N S77+50E	0.016	<0.2	4.05	20	<10	100	0.8	<2	0.55	<0.5	34	62	170	4.92	10	2	0.08	10	1.16	1540	4	0.03	69	2040	10	0.06	2	6	41	0.14	<10	<10	122	<10	102
L44+00N S77+75E	0.017	<0.2	3.02	29	<10	90	0.9	2	0.87	<0.5	28	47	203	5.42	10	<1	0.07	10	0.89	1030	2	0.03	58	920	6	0.01	<2	10	77	0.18	<10	<10	138	<10	102
L44+00N S78+00E	0.012	0.5	4.18	39	<10	90	0.9	<2	1.48	1	45	39	169	6.99	10	2	0.08	10	1.08	1945	2	0.03	44	900	58	0.01	<2	23	113	0.17	<10	<10	174	<10	176
L44+00N S78+25E	0.013	<0.2	2.4	30	<10	80	0.8	<2	0.86	<0.5	24	45	161	5.12	10	<1	0.08	10	0.92	963	3	0.03	56	1050	10	0.01	<2	7	60	0.18	<10	<10	113	<10	95
L44+00N S78+50E	0.013	<0.2	2.97	33	<10	100	0.8	2	0.73	<0.5	28	54	235	5.86	10	<1	0.06	10	0.93	940	5	0.03	68	1080	7	0.02	2	8	60	0.16	<10	<10	137	<10	119
L44+00N S78+75E	0.009	<0.2	2.48	34	<10	90	0.7	<2	0.74	0.9	27	53	220	5.96	10	1	0.06	10	0.88	904	7	0.03	67	1060	9	0.02	2	8	59	0.17	<10	<10	139	<10	125
L44+00N S79+00E	0.046	<0.2	2.95	89	<10	70	0.9	<2	0.98	1	36	58	282	7.19	10	<1	0.06	10	0.85	1200	10	0.03	78	1240	11	0.02	<2	11	68	0.16	<10	<10	164	<10	157
L44+00N S79+25E	0.016	0.2	3.02	44	<10	90	0.8	<2	0.83	0.7	24	57	274	6.74	10	2	0.05	10	0.86	964	10	0.03	73	1020	8	0.03	2	9	66	0.19	<10	<10	159	<10	155
L44+00N S79+50E	0.02	0.2	2.74	28	<10	80	0.8	<2	0.85	0.9	23	45	206	5.49	10	<1	0.06	10	0.81	900	4	0.03	53	1100	8	0.02	<2	7	76	0.17	<10	<10	122	<10	140
L44+00N S79+75E	0.017	0.2	3.34	32	<10	90	0.9	<2	0.86	0.5	26	48	209	5.39	10	<1	0.06	10	0.73	1065	4	0.04	53	1010	8	0.03	3	7	94	0.17	<10	<10	139	<10	127
L44+00N S80+00E	0.01	0.3	2.96	142	<10	110	0.9	<2	1.04	1.6	39	41	209	6.34	10	<1	0.09	10	0.85	1815	2	0.03	56	1330	11	<0.01	6	11	89	0.15	<10	<10	140	<10	152
L44+00N S80+25E	0.009	0.2	2.86	50	<10	100	0.8	<2	0.94	1.6	35	49	181	5.86	10	1	0.1	10	1.14	1450	2	0.04	58	1220	8	0.01	3	9	81	0.23	<10	<10	117	<10	148
L44+00N S80+50E	0.016	0.4	3.33	143	<10	100	1	2	0.84	1.2	31	41	184	7.34	10	<1	0.09	10	0.93	1685	6	0.03	48	1430	21	0.02	5	11	62	0.16	<10	<10	127	<10	199
L44+00N S80+75E	0.013	0.3	2.55	73	<10	80	0.7	2	0.91	1.5	33	48	168	5.98	10	<1	0.09	10	1.14	1275	4	0.04	56	1330	6	0.02	3	7	66	0.26	<10	<10	118	<10	159
L44+00N S81+00E	0.017	0.2	2.75	63	<10	90	0.7	<2	1.25	1.4	35	51	201	5.65	10	<1	0.1	10	1.06	1305	4	0.05	63	1220	9	0.01	3	9	71	0.18	<10	<10	121	<10	158
L44+00N S81+25E	0.012	0.2	2.58	46	<10	80	0.6	<2	1.09	1.2	29	47	164	5.28	10	<1	0.09	10	1.1	1260	2	0.05	54	1230	8	0.01	4	8	75	0.2	<10	<10	116	<10	133
L44+00N S81+50E	0.011	0.3	2.68	36	<10	80	0.7	<2	0.95	1.6	29	53	161	5.59	10	1	0.1	10	1.2	1345	3	0.04	59	1270	7	0.02	4	8	66	0.25	<10	<10	119	<10	164
L44+00N S81+75E	0.011	0.2	2.99	54	<10	90	0.8	<2	1.19	2.5	39	45	222	6.49	10	<1	0.1	10	0.99	1755	5	0.04	58	1290	17	0.01	2	9	74	0.21	<10	<10	135	<10	222
L44+00N S82+00E	0.016	0.2	2.86	40	<10	80	0.8	<2	1.14	2.2	37	47	199	6.38	10	<1	0.1	10	1.02	1570	5	0.04	55	1350	12	0.01	3	8	69	0.24	<10	<10	129	<10	202
L44+00N S82+25E	0.013	0.3	3.02	46	<10	90	0.9	<2	1.02	1.1	34	44	204	6.36	10	2	0.11	10	0.99	1620	5	0.04	56	1330	18	0.02	2	9	80	0.23	<10	<10	129	<10	185
L44+00N S82+50E	0.014	<0.2	2.63	28	<10	90	0.8	<2	0.94	<0.5	26	45	161	5.37	10	<1	0.1	10	0.96	1160	3	0.04	46	1230	13	0.01	<2	7	69	0.2	<10	<10	117	<10	133
L44+00N S82+75E	0.01	0.2	2.73	31	<10	90	0.8	<2	0.83	1.5	26	45	163	5.23	10	1	0.1	10	0.93	1145	2	0.04	49	1190	7	0.01	<2	8	75	0.19	<10	<10	120	<10	141
L44+00N S83+00E	0.009	0.2	3.28	38	<10	110	0.9	<2	0.93	0.8	29	48	175	5.57	10	<1	0.11	10	1	1370	3	0.04	54	1340	10	0.01	4	9	82	0.22	<10	<10	127	<10	139
L44+00N S83+25E	0.013	0.2	2.37	25	<10	80	0.8	<2	0.94	0.7	23	48	138	5.09	10	<1	0.1	10	0.95	961	3	0.04	47	1180	8	0.01	3	7	62	0.19	<10	<10	117	<10	123
L44+00N S83+50E	0.012	<0.2	3.27	30	<10	120	0.9	<2	0.87	1	29	53	169	5.44	10	<1	0.11	10	1.04	1250	3	0.03	55	1250	8	0.01	<2	10	77	0.21	<10	<10	136	<10	136
L44+00N S83+75E	0.01	<0.2	3.55	25	<10	130	0.8	<2	0.67	0.8	29	55	173	5.2	10	1	0.1	10	1.09	1160	2	0.03	55	1460	8	0.02	5	8	53	0.2	<10	<10	135	<10	129
L44+00N S84+00E	0.018	0.2	3.57	23	<10	140	0.9	<2	0.62	<0.5	24	49	161	4.81	10	1	0.11	10	1.06	970	2	0.04	47	1510	13	0.02	<2	7	55	0.2	<10	<10	117	<10	107
L44+00N S84+25E	0.009	<0.2	2.7	16	<10	110	0.7	<2	0.77	0.6	24	46	155	4.69	10	1	0.1	10	0.94	895	2	0.03	46	1170	7	0.01	2	7	63	0.19	<10	<10	118	<10	107
L44+00N S84+50E	0.014	<0.2	3.3	37	<10	90	0.8	<2	0.75	2.1	31	54	243	7.02	10	2	0.07	10	0.93	1325	6	0.03	68	1150	9	0.02	4	10	62	0.16	<10	<10	166	<10	259
L44+00N S84+75E	0.006	0.2	3	29	<10	90	0.8	2	0.61	1.2	36	52	178	5.77	10	1	0.05	10	0.93	1660	3	0.02	58	1240	17	0.07	2	5	44	0.11	<10	<10	140	<10	184
L44+00N S85+00E	0.015	0.6	3.61	45	<10	70	1.1	<2	1.2	4.7	63	63	379	9.37	10	<1	0.06	10	1.08	1930	11	0.03	126	1550	28	0.06	4	8	69	0.13	<10	<10	188	<10	340
L44+00N S85+25E	0.014	0.4	2.4	16	<10	110	0.6	<2	0.56	<0.5	40	41	124	4.27	10	<1	0.07	10	0.6	2950	3	0.02	29	2560	9	0.2	5	1	66	0.05	<10	<10	96	<10	80
L44+00N S85+50E	0.011	0.3	3.57	23	<10	100	0.8	<2	0.9	0.5	42	60	343	5.4	10	<1	0.09	10	1.22	1200	3	0.03	95	1010	10	0.04	4	8	120	0.17	<10	<10	119	<10	124
L44+00N S85+75E	0.009	<0.2	3.12	19	<10	90	0.7	<2	0.96	0.6	39	51	241	5.56	10	1	0.08	10	1.14	1290	2	0.03	68	980	6	0.05	3	6	88	0.17	<10	<10	126	<10	143
L44+00N S86+00E	0.01	0.4	3.31	37	10	80	1.1	<2	1.13	1.2	47	55	287	6.36	10	<1	0.06	10	1.26	1800	5	0.03	80	1670	16	0.1	5	5	73	0.14	<10	<10	132	<10	203
L44+00N S86+25E	0.011	0.4	3.58	29	10	60	0.9	<2	1.25	3.2	44	50	337	6.35	10	<1	0.05	10	1.02	1425	12	0.03	81	1860	13	0.13	3	6	71	0.11	<10	<10	145	<10	304
L44+00N S86+50E	0.01	0.5	3.45	32	10	70	0.8	<2	1.45	1.2	36	85	327	5.96	10	1	0.04	10	1.36	1820	9	0.03	76	1490	8	0.1	6	9	90	0.12	<10	<10	164	<10	144
L44+00N S86+75E	0.013	0.2	2.95	18	<10	70	0.8	<2	0.72	0.6	31	46	205	4.78	10	<1	0.05	10	0.82	1205	5	0.02	54	1830	11	0.17	3	2	47	0.13	<10	<10	128	<10	127
L44+00N S87+00E	0.007	0.3	2.15	16	<10	110	0.5	<2	0.96	<0.5	36	44	214	4.47	10	<1	0.05	10	0.76	1405	4	0.02	46	1950	5	0.15	2	2	74	0.08	<10	<10	113	<10	93
L44+00N S87+25E	0.007	0.4	2.79	19	<10	70	0.6	<2	0.57	<0.5	35	48	214	4.82	10	<1	0.04	10	0.78	1595	3	0.02	43	1830	8	0.14	3	3	45	0.08	<10	<10	131	<10	86
L44+00N S87+50E	0.01	<0.2	2.55	18	<10	100	0.5	<2	0.59	<0.5	26	49	212	4.86	10	1	0.05	<10	1.06	916	1	0.02	49	900	7	0.07	2	4	61	0.13	<10	<10	128	<10	86
L44+00N S87+75E	0.009	0.2	2.34	17	<10	90	0.5	<2	0.58	<0.5	20	44	248	4.79	10	1	0.07	10	0.97	977	1	0.02	39	1090	5	0.1	<2	3	52	0.15	<10	<10	147	<10	92
L44+00N S88+00E	0.006	<0.2	1.99	10	<10	150	<0.5	<2	0.52	<0.5	21	29	218	4.53	10	<1	0.21	<10	0.97	732	1	0.02	26	810	<2	0.03	<2	5	32	0.27	<10	<10	148	<10	79
L45+00N S70+00E	0.005	0.4	3.6	12	<10	60	0.7	<2	0.44	<0.5	19	75	81	5.24	10	1	0.06	10	1.55	644	<1	0.03	66	1420	4	0.08	<2	6	24	0.31	<10	<10	132	<10	85
L45+00N S70+25E	0.01	<0.2	3.09	13	<10	70	0.5	<2	0.64	<0.5	29	80	143	4.95	10	1	0.12	<10	2.25	996	1	0.02	95	1020	5	0.03	<2	8	24	0.2	<10	<10	133	<10	79
L45+00N S70+50E	0.005	0.2	3.01	12	<10	50	<0.5	2	0.59	<0.5	24	74	108	4.68	10	1	0.09	<10	2.21	899	<1	0.02	84	1160	2	0.03	<2	6	22	0.2	<10	<10	120	<10	79
L45+00N S70+75E	<0.005	<0.2	2.95	7	<10	40	0.5	<2	0.47	<0.5	19	63	76	4.61	10	2	0.06	10	1.64	659	1	0.02	64	1360	7	0.06	<2	4	22	0.26	<10	<10	114	<10	68
L45+00N S71+00E	0.006	0.2	2.77	7	<10	40	<0.5	<2	0.72	<0.5	24	98	106	4.19	10	<1	0.08	<10	2.49	607	<1	0.02	106	680	<2	0.03	<2	7	28	0.21	<10	<10	105	<10	61
L45+00N S71+25E	0.035	<0.2	3.31	11	<10	50	0.6	<2	0.68	<0.5	24	101	107	4.87	10	2	0.09	10	2.35	690	1	0.02	98	1310	5	0.05	<2	7	32	0.22	<10	<10	116	<10	91
L45+00N S71+50E	0.026	<0.2	3.46	16	<10	50	0.5	<2	0.8	<0.5	25	96	114	5	10	<1	0.1	10	2.62	756	<1	0.02	105	1330	4	0.06	<2	6	29	0.21	<10	<10	132	<10	80
L45+00N S71+75E	<0.005	0.3	3.26	18	<10	50	<0.5	<2	0.77	<0.5	25	95	114	4.81	10	1	0.1	<10	2.68	720	1	0.03	110	1150	6	0.04	<2	6	28	0.21	<10	<10	125	<10	84
L45+00N S72+00E	0.005	<0.2	3.41	19	<10	60	0.5	<2	0.74	<0.5	25	94	121	4.95	10	<1	0.11	<10	2.67	759	<1	0.03	111	1150	2	0.04	<2	7	26	0.22	<10	<10	130	<10	83
L45+00N S72+25E	0.006	<0.2	3.68	6	<10	80	<0.5	<2	0.72	<0.5	31	97	107	4.92	10	<1	0.14	<10	3.14	824	<1	0.03	138	1020	7	0.02	<2	6	26	0.25	<10	<10	116	<10	74
L45+00N S72+50E	0.005	0.4	4	8	<10	100	0.5	<2	0.7	<0.5	29	116	116	5.12	10	1	0.11	<10	3.01	760	1	0.03	135	1200	4	0.04	<2	7	29	0.24	<10	<10	127	<10	81
L45+00N S72+75E	0.007	<0.2	3.06	17	<10	140	0.8	<2	0.73	<0.5	27	92	134	5.2	10	<1	0.15	10	1.52	940	2	0.04	78	1280	3	0.02	2	9	35	0.22	<10	<10	129	<10	92
L45+00N S73+00E	0.007	<0.2	3.03	20	<10	120	0.7	<2	0.64	<0.5	25	96	121	4.81	10	2	0.14	10	1.62	883	1	0.05	82	1480	3	0.04	3	6	29	0.2	<10	<10	121	<10	90
L45+00N S73+25E	<0.005	<0.2	3.42	18	<10	130	0.8	<2	0.54	<0.5	15	100	91	4.01	10	2	0.07	10	1.1	502	1	0.03	59	1730	4	0.11	2	4	37	0.11	<10	<10	103	<10	72
L45+00N S73+50E	0.008	<0.2	3.14	10	<10	70	0.7	<2	0.63	<0.5	16	70	89	3.96	10	<1	0.1	10	1.11	701	1	0.03	53	1510	6	0.11	<2	2	27	0.12	<10	<10	98	<10	74
L45+00N S73+75E	0.01	<0.2	3.33	16	<10	100	0.7	<2	0.9	0.7	32	112	190	4.93	10	<1	0.1	10	1.8	805	2	0.03	97	1130	8	0.03	<2	9	38	0.18	<10	<10	119	<10	110
L45+00N S74+00E	0.007	<0.2	3.1	15	<10	110	0.5	2	0.64	0.5	30	86	144	4.99	10	1	0.1	<10	1.74	775	2	0.03	90	840	3	0.02	<2	7	31	0.21	<10	<10	122	<10	94
L45+00N S74+25E	0.007	<0.2	4.21	25	<10	160	0.6	<2	0.55	0.5	30	120	142	5.06	10	<1	0.11	10	1.8	926	3	0.03	105	1020	7	0.06	2	7	29	0.19	<10	<10	128	<10	96
L45+00N S74+50E	0.011	<0.2	3.99	18	<10	60	0.9	<2	0.43	<0.5	14	57	89	3.93	10	2	0.06	10	0.56	734	2	0.02	31	2100	6	0.14	3	2	31	0.09	<10	<10	97	<10	61
L45+00N S74+75E	0.008	<0.2	3.62	12	<10	70	0.8	<2	0.62	<0.5	16	63	87	4.29	10	<1	0.07	10	0.75	710	2	0.03	39	1870	9	0.12	<2	3	31	0.12	<10	<10	105	<10	69
L45+00N S75+00E	0.008	0.4	4.17	25	<10	90	0.8	<2	0.49	<0.5	21	72	129	4.95	10	2	0.09	10	1.02	1225	4	0.03	56	2220	11	0.1	2	5	35	0.15	<10	<10	138	<10	128
L45+00N S75+25E	0.008	<0.2	3.87	26	<10	110	0.8	2	0.5	0.5	23	73	136	5.13	10	2	0.08	10	1.02	1045	3	0.03	56	1610	7	0.07	2	6	34	0.17	<10	<10	142	<10	116
L45+00N S75+50E	0.014	<0.2	2.98	25	<10	110	0.8	<2	0.53	0.5	21	56	142	5.19	10	1	0.07	10	0.88	837	2	0.03	48	1110	4	0.02	2	9	41	0.21	<10	<10	135	<10	108
L45+00N S75+75E	0.014	<0.2	3.09	28	<10	110	0.8	2	0.62	<0.5	23	55	155	5.62	10	<1	0.07	10	0.93	949	3	0.02	50	1040	6	0.01	3	9	49	0.21	<10	<10	138	<10	115
L45+00N S76+00E	0.017	<0.2	4.29	22	<10	170	1	<2	0.61	0.5	27	78	178	6.18	10	1	0.11	10	1.12	1135	3	0.03	59	1230	9	0.02	2	11	51	0.26	<10	<10	155	<10	127
L45+00N S76+25E	0.008	0.2	4.38	24	<10	150	1	2	0.66	0.6	33	90	173	6.09	10	1	0.1	10	1.28	1295	3	0.03	77	1170	10	0.01	<2	15	60	0.26	<10	<10	149	<10	121
L45+00N S76+50E	0.007	<0.2	4.23	21	<10	130	0.9	<2	0.7	0.5	27	77	164	5.73	10	2	0.11	10	1.16	1250	3	0.03	66	1350	6	0.02	2	11	57	0.22	<10	<10	145	<10	117
L45+00N S76+75E	0.013	0.3	4.83	35	<10	140	1.2	<2	0.63	0.9	30	67	204	6.08	10	2	0.08	10	0.96	1300	4	0.03	67	1620	13	0.02	<2	12	59	0.2	<10	<10	153	<10	153
L45+00N S77+00E	0.01	0.2	3.9	35	<10	130	0.9	<2	0.6	0.5	22	60	143	5.1	10	1	0.06	10	0.95	967	4	0.02	55	1480	6	0.04	2	8	54	0.16	<10	<10	120	<10	126
L45+00N S77+25E	0.009	<0.2	2.85	31	<10	90	0.8	<2	0.76	1.1	23	65	151	5.33	10	<1	0.07	10	0.98	929	3	0.03	56	1150	7	0.01	<2	8	51	0.19	<10	<10	122	<10	116

SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L45+00N S77+50E	0.014	0.3	2.93	37	<10	90	0.8	<2	0.69	0.9	20	46	153	5.54	10	1	0.05	10	0.82	960	5	0.03	46	1180	6	0.02	2	8	45	0.17	<10	<10	128	<10	136
L45+00N S77+75E	0.013	<0.2	2.62	35	<10	80	0.7	<2	0.75	1	21	46	169	5.4	10	1	0.05	10	0.82	886	3	0.03	43	1080	10	0.01	2	7	48	0.19	<10	<10	134	<10	121
L45+00N S78+00E	0.013	<0.2	2.64	24	<10	80	0.7	<2	0.83	0.8	23	45	169	4.88	10	<1	0.07	10	0.85	987	3	0.02	45	1150	5	<0.01	3	7	49	0.19	<10	<10	125	<10	112
L45+00N S78+25E	0.031	0.2	3.16	31	<10	90	0.9	<2	1	0.5	44	73	216	5.44	10	1	0.08	10	1.26	1315	1	0.03	86	1180	11	0.01	3	10	73	0.21	<10	<10	127	<10	110
L45+00N S78+50E	0.009	<0.2	2.61	25	<10	90	0.8	<2	0.84	0.5	28	45	204	5.24	10	1	0.07	10	0.92	1170	1	0.02	45	1170	12	0.01	2	8	60	0.19	<10	<10	122	<10	111
L45+00N S78+75E	0.015	0.2	2.57	27	<10	80	0.8	<2	0.81	<0.5	28	42	219	5.67	10	<1	0.08	10	0.88	1220	2	0.02	42	1060	10	<0.01	<2	8	63	0.19	<10	<10	127	<10	110
L45+00N S79+00E	0.012	0.2	3.04	29	<10	100	0.8	<2	0.77	<0.5	25	49	203	5.15	10	<1	0.07	10	0.9	1115	2	0.03	46	1310	4	0.03	2	8	64	0.19	<10	<10	124	<10	115
L45+00N S79+25E	0.021	<0.2	2.66	35	<10	90	0.7	<2	0.75	<0.5	25	45	197	5.31	10	<1	0.06	10	0.81	1065	2	0.02	43	1180	7	0.02	2	7	59	0.18	<10	<10	128	<10	107
L45+00N S79+50E	0.011	<0.2	3.22	42	<10	120	0.8	<2	0.68	<0.5	29	50	207	5.65	10	<1	0.07	10	0.87	1205	2	0.03	44	1240	7	0.02	4	8	67	0.18	<10	<10	136	<10	113
L45+00N S79+75E	0.027	<0.2	2.54	43	<10	120	0.7	<2	0.79	<0.5	33	93	225	5.44	10	<1	0.09	10	1.15	1235	<1	0.02	73	970	13	0.01	3	8	60	0.18	<10	<10	123	<10	109
L45+00N S80+00E	0.019	<0.2	2.08	26	<10	90	1	<2	0.78	<0.5	27	64	160	4.78	10	<1	0.08	10	1.08	1145	1	0.02	75	1050	6	<0.01	3	6	53	0.18	<10	<10	102	<10	119
L45+00N S80+25E	0.035	0.2	3.02	29	<10	110	1	<2	0.73	<0.5	24	52	171	5.14	10	1	0.07	10	1.13	1475	2	0.03	62	1200	13	0.04	2	6	63	0.15	<10	<10	124	<10	144
L45+00N S80+50E	0.022	<0.2	2.65	26	<10	90	0.9	<2	0.39	<0.5	24	46	242	5.01	10	1	0.06	10	0.9	1120	2	0.02	50	730	10	0.06	3	4	62	0.14	<10	<10	113	<10	103
L45+00N S80+75E	0.031	0.2	3.2	24	<10	110	1.1	<2	0.81	<0.5	26	45	299	5.57	10	<1	0.06	10	1.05	1730	2	0.03	46	1170	9	0.04	<2	7	80	0.19	<10	<10	126	<10	121
L45+00N S81+00E	0.065	0.2	3.02	25	<10	100	1.2	<2	0.77	<0.5	23	44	301	5.54	10	<1	0.06	10	1.04	1575	2	0.02	47	1000	8	0.02	<2	8	82	0.21	<10	<10	119	<10	154
L45+00N S81+25E	0.026	0.2	2.65	30	<10	90	1.2	<2	0.87	<0.5	24	59	183	5.67	10	<1	0.09	10	1.2	1570	1	0.03	63	1130	13	0.01	3	7	74	0.26	<10	<10	109	<10	144
L45+00N S81+50E	0.087	0.2	2.41	35	<10	80	1.2	<2	0.85	<0.5	26	68	173	5.43	10	<1	0.1	10	1.08	1715	2	0.02	68	1060	12	0.01	<2	6	70	0.2	<10	<10	103	<10	149
L45+00N S81+75E	0.024	0.3	3.01	39	<10	110	1.4	<2	0.86	<0.5	32	72	218	5.74	10	2	0.11	10	1.12	2040	2	0.02	78	1090	13	0.01	3	8	92	0.21	<10	<10	114	<10	165
L45+00N S82+00E	0.02	<0.2	3.07	38	<10	100	1.2	<2	0.98	<0.5	38	87	256	6.03	10	<1	0.1	10	1.28	2300	1	0.02	81	1070	10	<0.01	2	9	75	0.18	<10	<10	132	<10	134
L45+00N S82+25E	0.018	0.2	2.87	40	<10	120	0.9	<2	1.03	0.6	33	106	209	5.32	10	1	0.12	10	1.24	1500	2	0.03	79	1070	7	0.01	2	8	69	0.21	<10	<10	115	<10	123
L45+00N S82+50E	0.013	0.2	3.32	33	<10	120	0.8	<2	0.81	0.9	34	52	218	5.84	10	1	0.09	10	1.08	1625	3	0.03	60	1220	11	0.01	2	11	63	0.2	<10	<10	136	<10	134
L45+00N S82+75E	0.013	0.2	3.71	40	<10	130	0.9	<2	0.71	1.9	32	52	197	5.86	10	<1	0.1	10	0.93	1355	4	0.02	54	1450	10	0.01	6	9	61	0.22	<10	<10	146	<10	175
L45+00N S83+00E	0.013	<0.2	2.73	33	<10	100	0.8	<2	0.76	1.6	31	51	173	5.88	10	1	0.1	10	1	1235	3	0.04	56	1240	4	<0.01	2	8	53	0.27	<10	<10	140	<10	153
L45+00N S83+25E	0.014	<0.2	3.12	23	<10	100	0.9	<2	0.76	1.2	27	48	168	5.93	10	1	0.09	10	0.94	1190	3	0.03	49	1320	11	0.01	4	8	64	0.23	<10	<10	139	<10	159
L45+00N S83+50E	0.01	0.2	3.35	26	<10	120	0.9	<2	0.73	0.7	26	48	160	5.46	10	<1	0.1	10	1.01	1125	3	0.03	49	1400	12	0.01	<2	8	62	0.23	<10	<10	130	<10	140
L45+00N S83+75E	0.01	0.2	3.64	34	<10	120	1	<2	0.75	1	28	48	172	5.68	10	<1	0.1	10	0.97	1260	4	0.03	48	1360	12	0.01	3	9	76	0.23	<10	<10	138	<10	133
L45+00N S84+00E	0.018	0.2	3.64	34	<10	130	0.9	<2	0.68	0.6	26	51	165	5.66	10	1	0.1	10	0.97	1230	2	0.03	51	1460	12	0.01	3	8	56	0.23	<10	<10	139	<10	135
L45+00N S84+25E	0.009	<0.2	2.88	21	<10	110	0.7	<2	0.78	<0.5	26	51	146	5.06	10	1	0.11	10	1.06	1045	1	0.03	49	1180	7	0.01	2	8	60	0.22	<10	<10	127	<10	109
L45+00N S84+50E	0.043	0.2	3.16	21	<10	120	0.8	<2	0.64	<0.5	23	47	141	4.92	10	1	0.09	10	1.02	930	1	0.03	46	1230	9	0.01	3	8	58	0.2	<10	<10	122	<10	105
L45+00N S84+75E	0.02	<0.2	3.15	24	<10	140	0.7	<2	0.57	0.7	27	58	157	4.96	10	<1	0.08	10	1.2	883	2	0.03	60	1300	8	0.04	<2	7	49	0.17	<10	<10	118	<10	104
L45+00N S85+00E	0.01	0.2	3.24	21	<10	110	0.8	<2	0.6	0.9	27	52	163	4.93	10	<1	0.09	10	1.01	1265	3	0.03	50	1520	8	0.06	<2	6	53	0.15	<10	<10	121	<10	121
L45+00N S85+25E	0.01	<0.2	2.54	22	<10	90	0.7	<2	0.77	0.9	26	51	182	5.06	10	1	0.07	10	1.05	1000	2	0.02	51	1110	7	0.03	<2	8	64	0.17	<10	<10	120	<10	121
L45+00N S85+50E	0.015	0.3	2.69	19	<10	90	0.7	<2	0.85	0.7	33	50	213	5.17	10	<1	0.07	10	1.19	1205	2	0.02	56	1170	9	0.02	3	8	89	0.18	<10	<10	124	<10	127
L45+00N S85+75E	0.015	0.4	2.91	18	<10	90	0.8	<2	0.87	0.8	35	51	243	5.47	10	<1	0.07	10	1.16	1230	2	0.02	60	1200	7	0.02	<2	8	104	0.18	<10	<10	125	<10	128
L45+00N S86+00E	0.015	0.6	4.3	24	<10	110	1.2	<2	0.85	0.7	40	62	290	6	10	1	0.08	10	1.34	1685	2	0.1	66	1760	10	0.06	<2	9	96	0.23	<10	<10	154	<10	143
L45+00N S86+25E	0.008	0.2	3.01	18	<10	100	0.6	<2	0.94	<0.5	52	73	207	4.78	10	<1	0.06	10	1.83	1130	2	0.02	81	930	6	0.02	<2	9	69	0.17	<10	<10	120	<10	92
L45+00N S86+50E	0.008	<0.2	3.84	12	<10	90	0.6	<2	0.52	<0.5	33	69	171	4.75	10	1	0.07	10	1.98	1075	1	0.03	86	1260	4	0.04	<2	7	45	0.18	<10	<10	115	<10	81
L45+00N S86+75E	0.013	<0.2	3.19	16	<10	140	0.6	<2	0.64	<0.5	31	57	182	4.54	10	<1	0.06	10	1.54	876	1	0.02	69	1020	6	0.04	<2	9	82	0.18	<10	<10	116	<10	85
L45+00N S87+00E	0.01	0.2	3.87	18	<10	130	0.6	<2	0.68	<0.5	42	74	216	4.77	10	1	0.16	10	2.05	1295	2	0.03	113	1430	7	0.06	<2	8	50	0.2	<10	<10	114	<10	100
L45+00N S87+25E	0.008	<0.2	3.42	22	<10	90	0.6	<2	0.65	0.5	33	90	233	5.05	10	<1	0.15	10	1.72	1260	2	0.03	89	1660	6	0.03	<2	9	29	0.2	<10	<10	126	<10	104
L45+00N S87+50E	0.007	0.2	3.38	23	<10	80	0.6	<2	0.56	<0.5	31	84	215	5.2	10	<1	0.16	10	1.61	1350	2	0.03	76	1680	6	0.03	<2	9	32	0.21	<10	<10	138	<10	105
L45+00N S87+75E	0.014	0.2	3.04	26	<10	90	0.6	<2	0.6	<0.5	38	113	231	5.31	10	<1	0.12	10	1.58	1525	1	0.03	94	1320	6	0.02	<2	11	33	0.18	<10	<10	135	<10	102
L45+00N S88+00E	0.014	0.2	3.01	20	<10	100	0.6	<2	0.58	<0.5	31	75	204	4.88	10	<1	0.11	10	1.38	1180	2	0.02	70	1310	4	0.02	<2	9	42	0.18	<10	<10	125	<10	98
L45+00N S88+25E	0.011	0.4	3.19	31	<10	110	0.6	<2	0.63	0.6	33	71	241	5.2	10	1	0.16	10	1.49	1465	2	0.03	68	1530	8	0.03	<2	10	44	0.21	<10	<10	136	<10	113
L45+00N S88+50E	0.008	0.3	2.47	18	<10	120	0.6	<2	0.66	<0.5	32	67	242	5.25	10	<1	0.14	10	1.32	1420	1	0.02	65	1320	6	0.01	<2	10	46	0.19	<10	<10	129	<10	106
L45+00N S88+75E	0.01	0.2	2.22	22	<10	110	0.5	<2	0.64	0.5	29	62	221	5.05	10	<1	0.15	10	1.21	1250	1	0.02	56	1280	5	0.01	<2	9	40	0.2	<10	<10	133	<10	97
L45+00N S89+00E	0.008	0.3	2.7	16	<10	120	0.8	<2	0.47	0.5	25	58	223	5.15	10	<1	0.11	10	0.8	1070	1	0.02	55	1180	6	0.05	<2	6	34	0.12	<10	<10	124	<10	89
L45+00N S89+25E	0.009	0.3	3.09	9	<10	90	0.6	<2	0.44	<0.5	15	60	158	4.71	10	<1	0.08	10	0.98	634	1	0.03	41	1080	3	0.08	<2	3	31	0.17	<10	<10	126	<10	89
L45+00N S89+50E	0.016	<0.2	2.73	6	<10	150	0.5	<2	0.53	<0.5	17	61	138	5.18	10	1	0.19	10	1.06	980	1	0.03	33	1280	8	0.09	<2	2	41	0.14	<10	<10	151	<10	107
L45+00N S89+75E	0.006	0.4	2.78	6	<10	150	0.6	<2	0.51	0.6	24	59	130	4.41	10	<1	0.13	10	0.96	2010	2	0.03	37	1870	8	0.14	<2	2	38	0.1	<10	<10	126	<10	87
L45+00N S90+00E	0.012	0.2	3.34	9	<10	100	0.8	<2	0.5	<0.5	25	58	218	4.62	10	<1	0.07	10	1.09	1160	2	0.03	49	1110	5	0.07	<2	4	46	0.13	<10	<10	116	<10	89

VA05081581 - Finalized
CLIENT : "UNEXMA - United Exploration Management Inc."
# of SAMPLES : 35
DATE RECEIVED : 2005-09-22 DATE FINALIZED : 2005-10-03
PROJECT : "RHG"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
RHG R-1	0.006	<0.2	1.42	4	<10	170	<0.5	<2	1.66	<0.5	13	71	108	1.92	<10	<1	0.21
RHG R-2	0.006	<0.2	2.76	2	10	30	<0.5	<2	2.25	<0.5	14	6	112	3.35	10	<1	0.08
RHG R-3	<0.005	<0.2	2.59	3	<10	70	<0.5	<2	2.11	<0.5	13	19	56	2.83	10	<1	0.08
RHG R-4	<0.005	<0.2	2.58	<2	<10	690	<0.5	<2	0.91	<0.5	37	188	225	7.16	10	<1	1.4
RHG R-5	<0.005	<0.2	2.36	<2	<10	470	<0.5	<2	1.31	<0.5	34	160	162	6.33	10	<1	0.85
RHG R-6	<0.005	<0.2	1.91	3	<10	20	0.7	<2	2.61	<0.5	10	3	153	5.49	10	1	0.06
RHG R-7	<0.005	<0.2	1.66	3	<10	40	0.5	<2	2.3	<0.5	10	10	167	5.25	10	<1	0.06
RHG R-8	0.007	<0.2	2.27	3	10	30	1	<2	4.45	<0.5	12	1	236	6.57	10	<1	0.1
RHG R-9	0.005	0.2	1.48	3	10	20	0.6	<2	2.53	<0.5	15	10	391	6.3	10	<1	0.07
RHG R-10	<0.005	<0.2	2.31	3	<10	20	0.9	<2	3.25	<0.5	7	1	181	3.99	10	<1	0.05
RHG R-11	<0.005	<0.2	1.88	3	<10	40	<0.5	<2	7.23	<0.5	3	96	8	3.55	<10	<1	<0.01
RHG R-12	<0.005	<0.2	1.39	2	<10	40	<0.5	<2	8.73	<0.5	2	7	2	2.55	<10	<1	<0.01
RHG R-13	<0.005	<0.2	2.48	4	<10	160	<0.5	<2	1.11	<0.5	29	139	82	3.52	10	<1	0.12
RHG R-14	<0.005	<0.2	2.33	3	<10	120	<0.5	<2	2.16	<0.5	21	57	88	2.86	10	<1	0.42
RHG R-15	<0.005	<0.2	2.4	<2	<10	90	<0.5	<2	1.17	<0.5	24	82	82	3.19	10	<1	0.14
RHG R-16	<0.005	<0.2	3.56	11	10	40	<0.5	<2	3.07	<0.5	32	26	627	8.95	10	<1	0.48
RHG R-17	0.007	0.2	3.78	20	10	40	<0.5	<2	3.24	<0.5	80	15	681	10.6	10	<1	0.25
RHG R-18	0.008	0.2	3.41	4	10	60	<0.5	<2	3.3	<0.5	54	5	452	8.64	10	<1	0.19
RHG R-19	0.012	0.4	2.79	5	10	50	<0.5	<2	2.7	<0.5	72	9	676	9.82	10	<1	0.13
RHG R-20	<0.005	0.2	2.71	<2	10	40	<0.5	<2	2.58	<0.5	49	11	305	9.31	10	1	0.21
RHG R-21	<0.005	<0.2	4.16	6	10	60	<0.5	<2	3.1	<0.5	50	14	256	7.8	10	<1	0.23
RHG R-22	<0.005	<0.2	3.84	6	10	40	<0.5	<2	2.74	<0.5	35	9	253	7.54	10	<1	0.38
RHG R-23	0.005	0.3	4.59	6	<10	20	<0.5	<2	3.25	<0.5	70	23	680	12.45	10	<1	0.65
RHG R-24	<0.005	0.4	4.3	6	<10	20	<0.5	<2	2.66	0.9	46	24	969	13.9	10	<1	0.62
RHG R-25	0.005	0.3	4.07	4	10	30	<0.5	<2	2.29	<0.5	44	75	363	10	10	1	0.62
#3	0.006	1.1	2.68	115	<10	50	<0.5	<2	3.1	15.5	61	55	529	5.53	10	1	0.14
#4	0.016	1.3	0.81	46	<10	10	<0.5	<2	0.89	<0.5	22	18	283	14.6	10	<1	0.02
#5	<0.005	0.6	1.28	12	<10	<10	<0.5	<2	8.79	<0.5	6	8	707	3.18	<10	<1	0.01
#6	0.01	2.4	1.14	45	<10	<10	<0.5	<2	9	<0.5	36	42	2460	9.61	10	<1	0.01
#7	<0.005	<0.2	4.29	7	10	10	0.7	<2	4.4	<0.5	25	2	110	6.15	10	<1	0.15
#8	0.028	4	1.42	23	<10	<10	<0.5	<2	3.49	1.5	12	36	2150	4.78	<10	<1	0.01
#9	0.016	1.5	2.63	21	<10	20	<0.5	<2	7.37	1.1	24	14	1455	5.4	10	<1	0.03
#10	0.006	0.2	1.84	13	<10	20	0.5	<2	2.02	<0.5	30	8	330	9.43	10	<1	0.15
RHGA	0.029	3	0.41	9	<10	10	<0.5	<2	1.27	0.7	21	22	7840	4.08	<10	<1	0.01
RHGB	0.026	1.1	3.59	159	<10	10	<0.5	<2	2.17	<0.5	213	11	2310	18.3	10	<1	0.07

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RHG R-1	10	1.55	287	<1	0.19	67	1130	<2	0.06	<2	5	42	0.15	<10	<10	57	<10	24
RHG R-2	<10	0.54	228	2	0.26	10	750	<2	1.4	<2	3	99	0.19	<10	<10	63	<10	17
RHG R-3	<10	0.47	234	2	0.27	12	770	2	1.07	<2	3	115	0.22	<10	<10	58	<10	16
RHG R-4	<10	4.1	1080	<1	0.22	82	1610	<2	0.22	<2	10	69	0.52	<10	<10	329	<10	85
RHG R-5	<10	3.14	950	<1	0.28	69	1690	<2	0.21	<2	11	78	0.39	<10	<10	269	<10	77
RHG R-6	20	0.17	248	1	0.24	5	4740	<2	1.26	<2	2	93	0.42	<10	<10	69	<10	34
RHG R-7	20	0.17	201	1	0.21	6	4230	<2	1.46	2	2	76	0.37	<10	<10	44	<10	19
RHG R-8	20	0.14	655	1	0.11	3	4570	<2	2.28	<2	5	63	0.36	<10	<10	57	<10	16
RHG R-9	20	0.12	228	1	0.13	6	5100	<2	2.77	<2	2	60	0.37	<10	<10	53	<10	14
RHG R-10	20	0.11	278	1	0.27	4	4980	<2	1.28	<2	2	90	0.31	<10	<10	34	<10	15
RHG R-11	<10	0.6	2180	<1	0.01	7	1050	<2	0.03	<2	5	38	0.13	<10	<10	60	<10	30
RHG R-12	<10	0.56	1735	<1	<0.01	1	980	<2	0.04	<2	8	48	0.1	<10	<10	58	<10	16
RHG R-13	<10	3.38	492	<1	0.08	156	850	4	0.05	<2	3	14	0.17	<10	<10	67	<10	50
RHG R-14	<10	2.35	457	<1	0.41	94	880	2	0.02	<2	5	36	0.13	<10	<10	75	<10	34
RHG R-15	<10	3	484	<1	0.08	115	850	4	0.02	<2	4	21	0.18	<10	<10	66	<10	44
RHG R-16	10	1.43	327	2	0.07	65	5800	<2	5.25	<2	8	68	0.37	10	<10	198	<10	62
RHG R-17	10	1.39	408	4	0.04	64	6010	<2	6.6	<2	9	45	0.31	<10	<10	192	<10	61
RHG R-18	<10	0.78	389	1	0.22	16	730	<2	0.83	<2	7	102	0.22	<10	<10	387	<10	44
RHG R-19	<10	0.78	363	1	0.16	26	850	<2	1.18	<2	6	74	0.2	<10	<10	435	<10	44
RHG R-20	<10	1.09	514	2	0.04	42	3230	<2	4.17	<2	10	127	0.46	<10	<10	171	<10	123
RHG R-21	<10	1.7	455	2	0.07	29	2360	<2	3.45	<2	13	55	0.31	10	<10	185	<10	68
RHG R-22	<10	1.6	321	1	0.09	29	3230	<2	3.51	<2	10	62	0.34	<10	<10	169	<10	68
RHG R-23	10	1.8	323	4	0.18	72	9210	3	7.68	<2	12	124	0.44	<10	<10	252	<10	58
RHG R-24	10	1.79	373	3	0.07	80	7920	<2	8.29	<2	12	51	0.39	<10	<10	261	<10	164
RHG R-25	10	1.97	341	3	0.07	74	4390	<2	5.56	<2	11	50	0.41	<10	<10	264	<10	70
#3	10	0.99	491	1	0.06	67	4820	69	2.12	2	7	29	0.24	<10	<10	147	<10	3480
#4	<10	0.13	195	2	<0.01	13	840	7	1.46	<2	3	67	0.55	<10	<10	107	<10	21
#5	<10	0.16	1815	3	<0.01	7	750	4	0.65	2	3	82	0.17	<10	<10	91	30	43
#6	<10	0.18	2600	1	<0.01	16	1860	2	5.47	<2	2	37	0.12	<10	<10	95	50	35
#7	10	0.54	343	1	0.09	10	2600	<2	1.68	<2	2	72	0.32	<10	<10	113	<10	41
#8	10	0.84	874	2	<0.01	10	4300	26	0.62	<2	3	61	0.2	<10	<10	67	50	265
#9	10	1.57	1700	49	<0.01	25	7110	6	0.25	<2	5	110	0.12	<10	<10	100	<10	314
#10	10	0.78	287	3	0.05	59	4880	2	5.34	<2	8	43	0.39	<10	<10	116	<10	43
RHGA	<10	0.32	667	47	<0.01	12	520	<2	0.19	<2	1	13	0.05	<10	<10	24	10	109
RHGB	10	1.3	971	2	0.03	80	5910	4	9.14	<2	11	88	0.3	<10	<10	218	<10	69

Appendix 3.

SJ Geophysics I.P. Report

3D INDUCED POLARIZATION SURVEY

Geophysical Report

for

RED TUSK RESOURCES INC.

Suite 620 – 800 W. Pender Street, Vancouver, B.C., V6C 2V6

on the

RHG PROJECT

Tahltan River Area, B.C.

Liard Mining Division

Latitude 57° 59' 00", Longitude 131° 45' 00"

N.T.S 104G/13/W

Mineral Maps 104G/091/092

Claims: CNT 1-11, RAD 1-14, NAM 1-6

Survey Conducted by

SJ Geophysics Ltd.

July 2005

Report by

Ronald F. Sheldrake,

S.J.V. Consultants Ltd., Delta B.C.

December 1, 2005

Table of Contents

ILLUSTRATIONS

LIST OF PLATES (Page size versions of the maps are located in Appendix 5 (North Grid) and Appendix 6 (South Grid). Digital PDF versions of the maps are included on a CD that comes with this report. Also include on the CD is MeshTools3d.exe (the 3D viewing program) and the chargeability and resistivity model files from the survey.)

PLATE	Depth Slice Maps (A set for each North and South Grids)	Scale at 100%
Plate R-1	Interpreted Resistivity – 25m below topography	1:5,000
Plate C-1	Interpreted Chargeability – 25m below topography	1:5,000
Plate R-2	Interpreted Resistivity – 50m below topography	1:5,000
Plate C-2	Interpreted Chargeability – 50m below topography	1:5,000
Plate R-3	Interpreted Resistivity – 75m below topography	1:5,000
Plate C-3	Interpreted Chargeability – 75m below topography	1:5,000
Plate R-4	Interpreted Resistivity – 100m below topography	1:5,000
Plate C-4	Interpreted Chargeability – 100m below topography	1:5,000
Plate R-5	Interpreted Resistivity – 150m below topography	1:5,000
Plate C-5	Interpreted Chargeability – 150m below topography	1:5,000
Plate R-6	Interpreted Resistivity – 200m below topography	1:5,000

PLATE	Depth Slice Maps (A set for each North and South Grids)	Scale at 100%
Plate C-6	Interpreted Chargeability – 200m below topography	1:5,000
Plate R-7	Interpreted Resistivity – 250m below topography	1:5,000
Plate C-7	Interpreted Chargeability – 250m below topography	1:5,000

LIST OF FILES ON THE CD

FILE NAME	DESCRIPTION
MeshTools3d.exe	3D viewing program for IP Resistivity and Chargeability models

FILE NAME	NORTH GRID FILE DESCRIPTION
RT_NG_Model.chg	Chargeability Model called for in MeshTools3d.exe
RT_NG_Model.con	Conductivity/Resitivity Model called for in MeshTools3d.exe
RT_NG_Meshfile.txt	Meshfile called for in MeshTools3d.exe

FILE NAME	SOUTH GRID FILE DESCRIPTION
RT_SG_Model.chg	Chargeability Model called for in MeshTools3d.exe
RT_SG_Model.con	Conductivity/Resitivity Model called for in MeshTools3d.exe
RT_SG_Meshfile.txt	Meshfile called for in MeshTools3d.exe

1. SUMMARY

A 3D Induced Polarization survey of 35.7 km over 2 adjacent survey areas was conducted over the RHG Property that is located in North Western B.C adjacent to the Tahltan River. The survey period was from July 19 to August 18, 2005. Previous geophysical data included regional magnetic compilation that is discussed by the writer.

The purpose of the 3D IP survey was to test for porphyry gold/copper mineralization.

The results indicate that the two survey areas are in differing rock types and that the chargeability data indicate areas of potential sulphide mineralization.

This report is expected to be an addendum to a more complete geological report; therefore, this does not detail previous exploration work, regional and local geology, and costs associated with the survey or history of the property.

2. DISCLAIMER

The author has prepared this report based upon information believed to be accurate, but is not guaranteed. This report contains sanguine statements. For example, a statement such as, "*the IP responses suggests the presence of sulphide mineralization*," is accepted as incomplete. It is taken for granted that the reader accepts this class of statement as an inherent element in an interpretation report, and therefore does not require a cautionary statement at ever instance.

3. SURVEY GRID

The claims are situated approximately 35 kilometres northwest of Telegraph Creek, BC, centred at 57º59' north latitude and 131º45' west longitude, in the Liard Mining Division, British Columbia.

The survey area is accessed via helicopter from the airstrip at Telegraph Creek. A mining access road to the Golden Bear deposit passes within 10 kilometres to the northeast of the property.

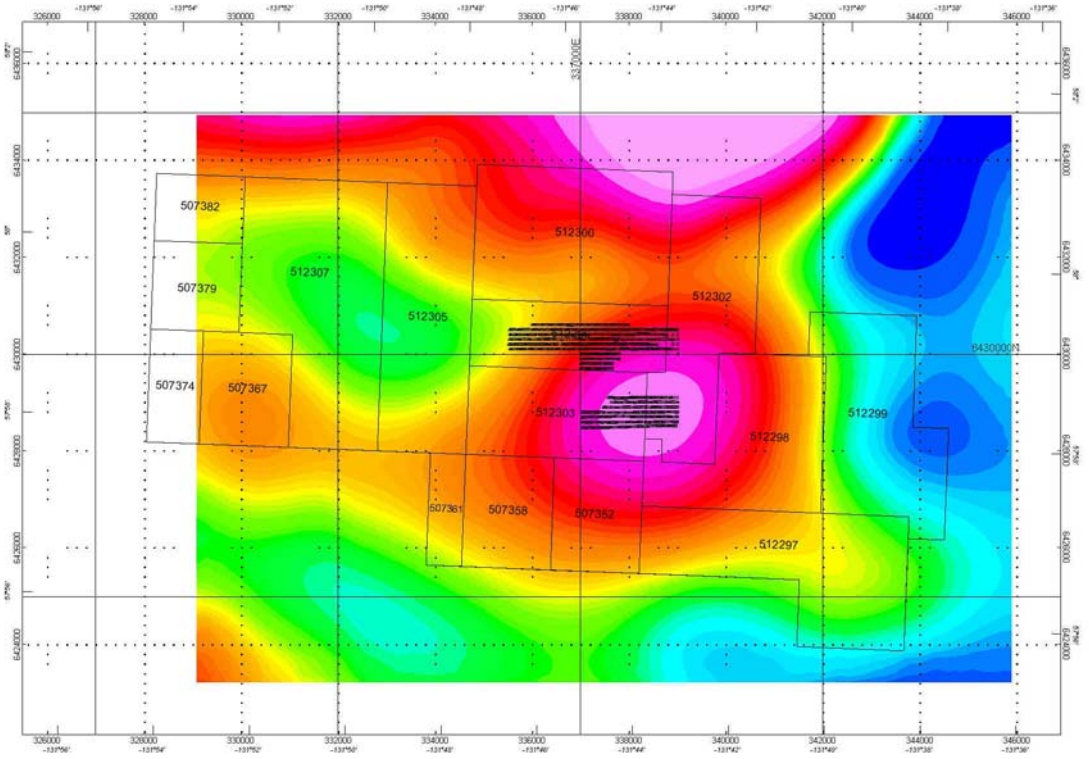


Illustration 1: RHG Claims with 3D IP Survey Lines on Regional Magnetic Image

The topography of the mineral claims ranges from a low of 3200 feet (975 m), to a high of 6064 feet (1850 m), with vegetation non-existent above 4500 feet (1370 m). Lower elevations are covered with scrub alpine fir, middle elevations with grasses and heather, and higher elevations are predominantly barren or ice/snowpack covered. Middle slopes are invariably steep, while upper elevations tend to be rounded, weathered ridges.

The survey consisted of two survey grids. The northern grid consisted of 10 survey traverses with an interline spacing of 100 m and station intervals of 25 m, while the southern grid consisted of 7 survey traverses. The northern grid traverse/line numbers range from L3700N to L4600N. The station interval was principally 25 m and ranged from Station 5500E to Station 9000E.

4. Field Work and Procedure

The 3D Induced Polarization survey was conducted under the direction of RJ Ewen, geophysical technician. Other SJ Geophysics Ltd. crew were Jeff Moorcroft, technologist, Brandon Wilbur, Travis Forsythe, and Trevor Crookedneck.

The crew collected IP data between July 22 and August 15, 2005, which is 32 days. This period includes 20 production days, 6 standby days, 5 mob-demobilization days. The average 3D IP production was 1.1 km/day, including camp moves.

The survey consisted of two survey grids. The northern grid consisted of 10 survey traverses with an interline spacing of 100 m and station intervals of 25 m.

The 3DIP survey was conducted from 2 camps so that some time was taken to take-down and set-up a second camp.

For both phases a 3DIP pole-dipole configuration was used with a combination of 12 dipoles for a total array length of 600 m. Three dipole sruvey arrays were used for the survey. The measuring dipoles are adjusted depending whether the measurements are taken in the middle or the ends of the traverses. A "remote" electrode is positoned far enough away from the survey measurements so as not to unduly distort the current flow from the current electrode.

Because helicopter transport was not available for a few days the northern survey grid was extended so the crew could remain busy.

The dipole array was implemented using standard 8 conductor cables configured with 50 m takeouts. 3/8" stainless steel electrodes were used as potential contact. 5/8" stainless steel electrodes were used for current contact.

The IP readings from each day's surveying were downloaded to a computer and entered into a database archive every evening. The SJ Geophysics Ltd. database program provides a visual review of the data quality for each decay curve.

5. Equipment Used for this Survey

All 3D IP data was collected using the SJ Geophysics Ltd. Digital Full-Waveform Receiver (Rx). The current was injected with a 2 seconds on, 2 seconds off duty cycle into the ground via a transmitter (Tx). A GDD Tx II 3.6 KW was used to provide the input current. For further

information on the instrumentation, their specifications are located in Appendix 2 and 3 at the end of the report.

6. GEOPHYSICAL TECHNIQUES

6.1 IP Method

The induced polarization (IP) technique is one of the principal tools used in the exploration for metallic minerals and resistive and conductive zones that porphyry and gold mineralization is associated with. IP surveys are comprised of two different measurements; chargeability and resistivity. The purpose of IP chargeability measurements is to map the distribution of disseminated metallic mineralization in the subsurface rocks. Also, from the IP measurements, the apparent resistivity of the ground below and around the electrodes is calculated from the input current (I) and the measured primary voltage (Vp). The resistivity data (units of ohm-meters) are used to distinguish conductive and resistive rocks. With regard to precision, IP/Resistivity measurements are generally considered to be repeatable within five percent depending on the range of readings. However, variation will exceed that if field conditions change due to changes in water content of the ground or variable electrode contact.

The time domain IP technique energizes the ground with an alternating square wave series of pulses via a pair of current electrodes that make electrical contact with the ground. After the transmitter (Tx) pulse has been transmitted into the ground via the current electrodes, the IP effect is measured at the receiver electrodes as a time diminishing voltage. The IP effect is a measure of the amount of electrically polarizable material in the subsurface rock in the area around, and below, the measuring electrodes. Under ideal circumstances, IP responses (units of chargeability = milliseconds) are proportional to the amount of disseminated metallic sulfides in the subsurface rocks. Unfortunately, there are other rock materials that give rise to IP effects, including some graphitic rocks, clays and metamorphic rocks (serpentinite, for example) so, that from a geological point of view, IP responses are almost never uniquely interpretable. Because of the non-uniqueness of geophysical measurements it is always prudent to incorporate other data sets to assist in interpretation.

6.2 3DIP Method

Traditionally Induced Polarization (IP) measurements have been made with the current electrodes (input electrodes) and the measuring electrodes positioned on the same line (called 2D IP). This technique suffers from two deficiencies; 1) All IP measurements "look" sideways so the interpreter must speculate whether the IP response came from below the survey line or off to either side of it, and 2) there were no IP measures made with current flow ***between*** the lines, and can serve to misrepresent the distribution of IP and chargeability responses in the ground.

Three dimensional (3D IP) surveys are designed to also take advantage of the 3D "inversion" techniques, which are mathematical calculations on the IP data in a 3 dimensional matrix.

Unlike conventional 2D IP surveys, in 3D IP surveys the electrode arrays are no longer restricted to in-line geometry allowing a more flexible and more definitive control of current flow. Typically in 3D IP surveys, the current electrodes and receiver electrodes are located on *adjacent* lines so that there is always current flow between the lines, and along the lines, both in a forward and reverse direction. Under these conditions, multiple current sources are applied to a single receiver potential dipole and data interpretation and noise cancellation improves accordingly. However, there is some trade off. An interpretive decision has to be made as to the viability of the readings as the primary voltage (Vp) diminishes when the current electrodes are adjacent, or nearly adjacent, to the potential dipoles. Very low amplitude Vp values are evaluated by inspection and, if necessary, they are deleted from the dataset. However, there is sufficient redundancy of data that this has little effect.

For this survey, a full wave form receiver designed by SJ Geophysics Ltd. was used. The current electrodes were located on the two adjacent lines (called "current lines") on either side of the measured "potential" line. The IP receiver is located at a station on the "potential" line and the current electrodes are moved station by station down the "current lines". The ground material (rock and overburden) is energized, first from one current line, and then from the other, in a back and forth routine, allowing for more efficient data collection.

7. DATA PRESENTATION

7.1 3D Representation of IP Data

The principal presentation in 3D IP is a ***volume*** or "matrix-model" of calculated IP responses that represent the properly located distribution of interpreted IP chargeability and resistivity values. For example, see below **Illustration 2.**

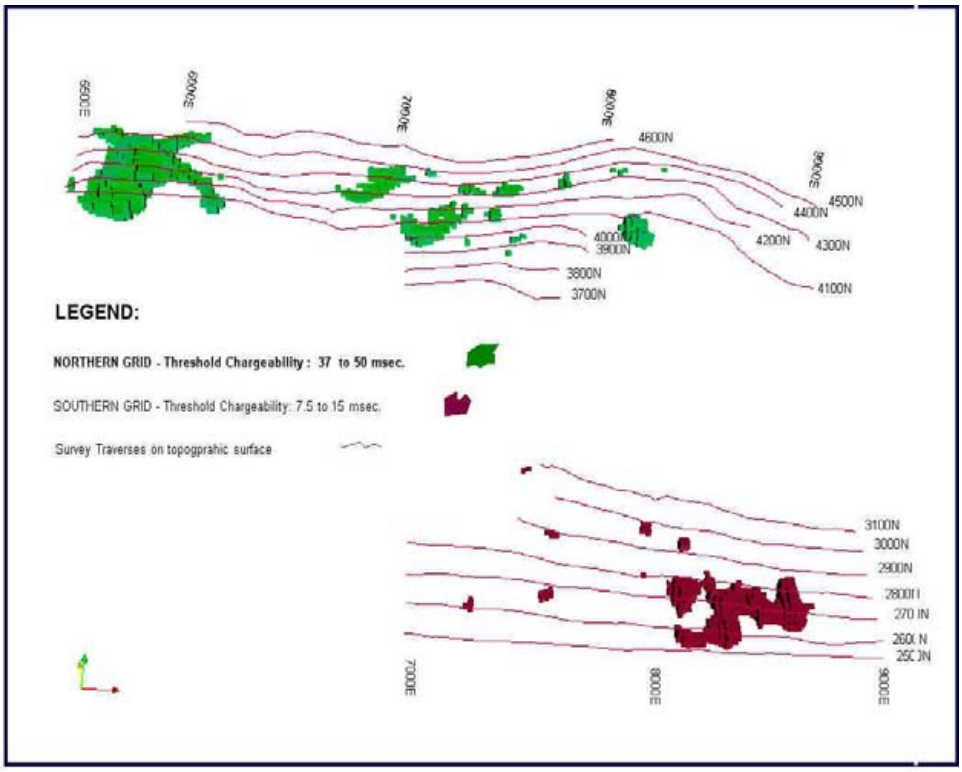


Illustration 2: 3D IP Threshold Chargeability Data, N and S Grids

(Note: "Threshold Response" means that what is displayed is a limited range of data values. The data range of the IP chargeability responses may be from 1 to 50 milliseconds. The "threshold" may be set to display limited chargeability values between 37 to 50 milliseconds.)

The 3D IP model–matrix data is delivered with MeshTools3D.exe a program that allows the user to "slice-dice and rotate" the volume for detailed inspection. Other freeware programs are also available. Paraview, downloadable from the internet, is more comprehensive but less easy to use. The MeshTools3d.exe program that is used for the inversion and display of the IP data originate from the University of BC GIF facility (www.eos.ubc.ca/research/ubcgif). See Appendix 3 for details on the use of MeshTools3D.exe.

7.2 2D Representation of IP Data

Also the 3D model-matrix images are produced as "levels" or "depth slices" so that the IP data can be expressed in two dimensional map form and related to other 2D data sets.

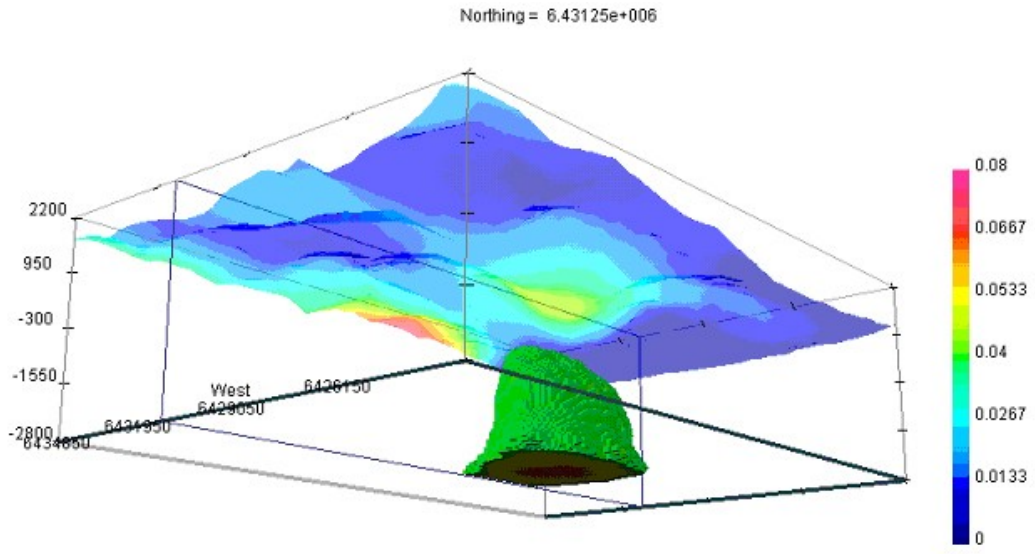
(Note: "3D levels" and "3D depth slices" mean different things. "Levels" are flat surfaces of the model at a fixed elevation and is what is seen in the 3D modelling program, MeshTools3d.exe A "Depth slice," on the other hand, refers to a curved surface of the model that is equidistant from the ground surface. The 2D maps produced in this report are referred to as "depth slices" and are defined as "depths below surface.")

Adobe PDF files of all the resistivity and chargeability depth slices at 25 m, 50 m, 75 m, 100 m and 200 m are included in Appendix 4 and on a CD-ROM that is included with this report.

8. Discussion of RHG Grid 3D IP Survey Data

In January and February 2005 an analysis of the regional magnetic data sourced from the GSC was undertaken by Trent E. Pezzot, B.Sc., P.Geo. The data was mapped and a 3D Inversion undertaken which is displayed in Illustration 3 below.

Illustration 3: 3D Inversion of Regional Airborne Magnetic Data viewed from SW with TMI Image draped on Topographic Surface



The data indicate that the source of the magnetic response lies in the order of 1 km below surface and has a lateral dimension in the order of 1.5 to2.5 km. It is therefore a substantial feature, however it is speculative as to whether or not it arises from porphyry stockwork.

It should be noted that the two 3D IP survey blocks have greatly different IP chargeability backgrounds, indicating that there is a rock-type variation between them. The northern survey block has chargeabilities that range from 1 msec to 60 msec, while the southern survey block has chargeabilities range from 1 to 12 msec.

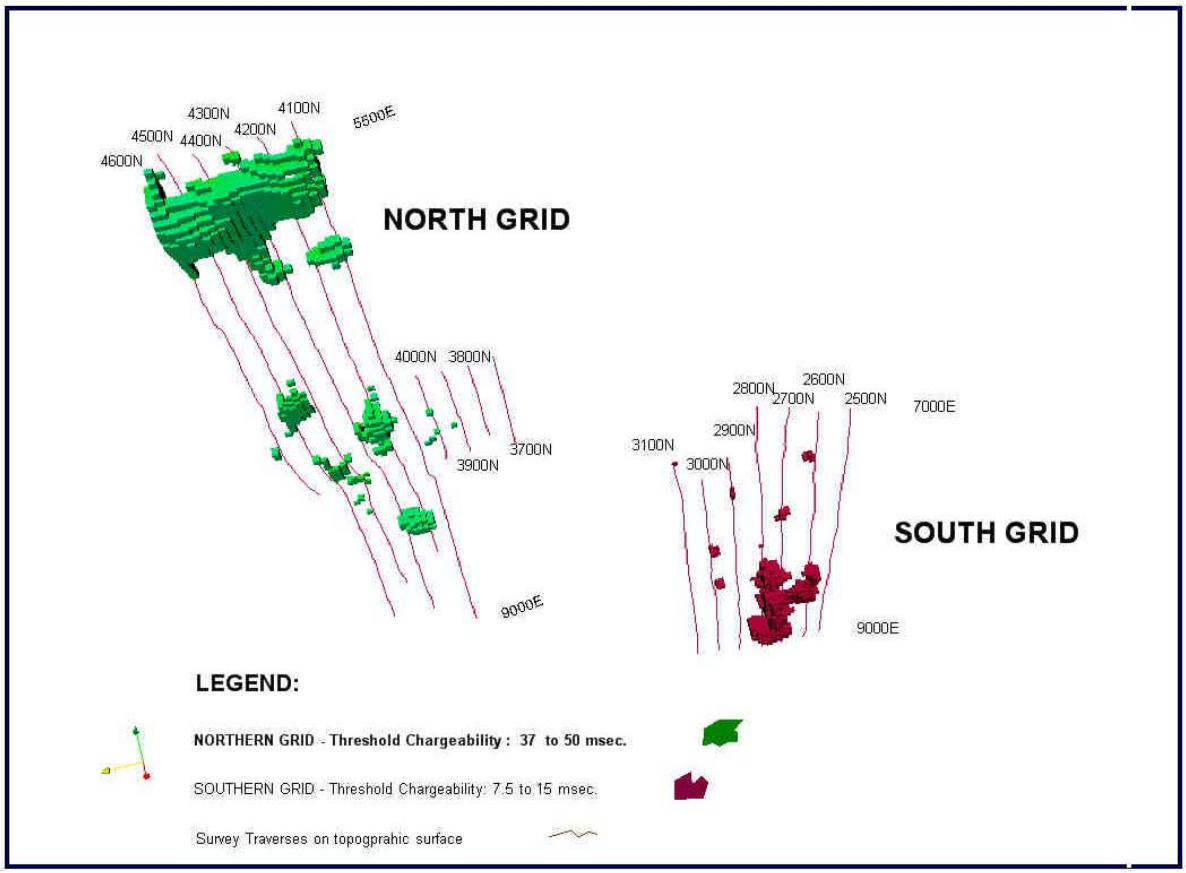


Illustration 4: 3D IP Threshold Chargeability Image, N and S Grids, viewed from the West and below

The 3D IP chargeability values seen on the northern block are generally considered as "elevated" while the the southern block chargeability values could be considered as "non-

elevated" or background values. However, observations like these can be mischievious, and caution is needed in taking these generalizations too seriously. For example, commercial grade mineralization can give rise to very small IP responses depending on its sphalerite content (sphalerite is normally a non-chargeable substance). As well, continuously conductive massive sulphide mineralization that may give rise to elevated EM responses, may not give rise to substantial IP response.

There is some indication in the resistivity data of the northern grid, that it is located over a circular feature at depth, but it is unrelated to the magnetic feature that lies over the southern grid. Illustration 5, below, shows a partial outline of this feature.

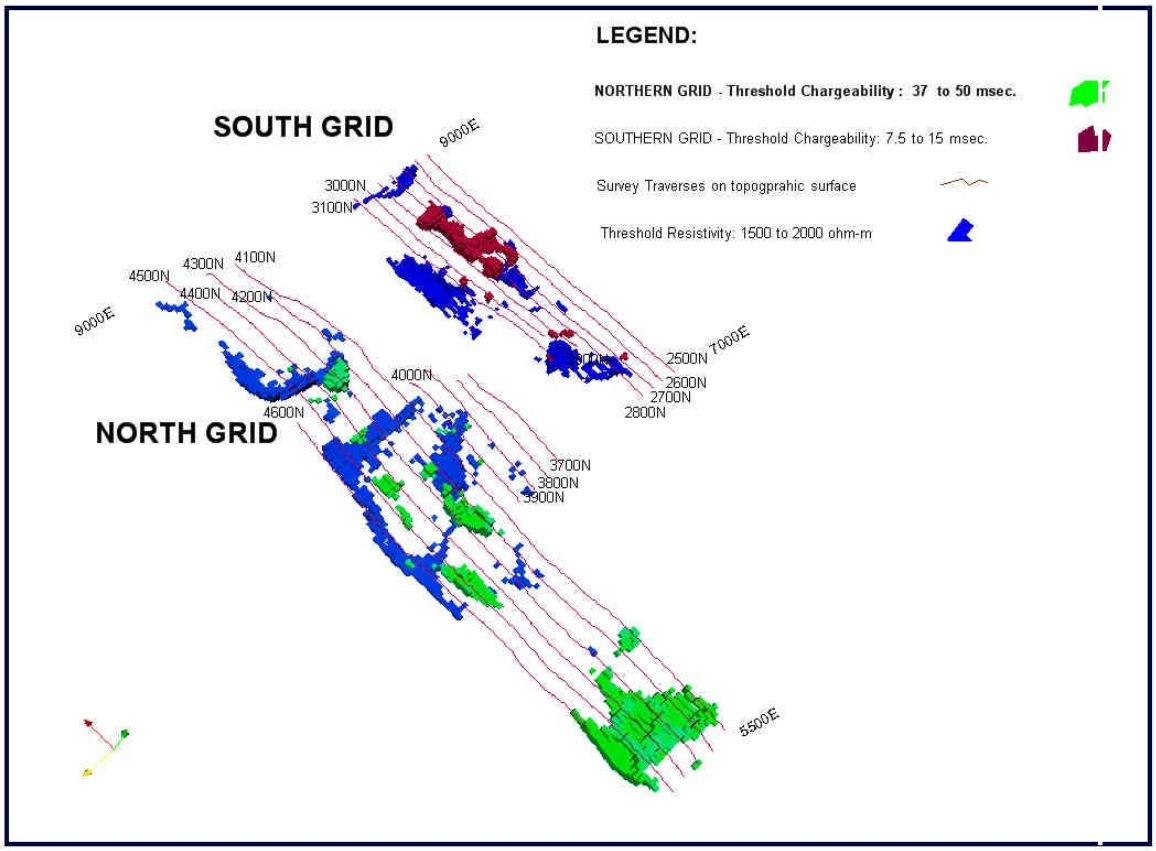


Illustration 5: 3D IP Threshold Resistivity and Chargeability Image, viewed from NW above

A portion of **Plate C-6, Interpreted Resistivity, 200 m below surface,** shows an outline of the "circular" feature and an interpretation of its internal resistivity structure.

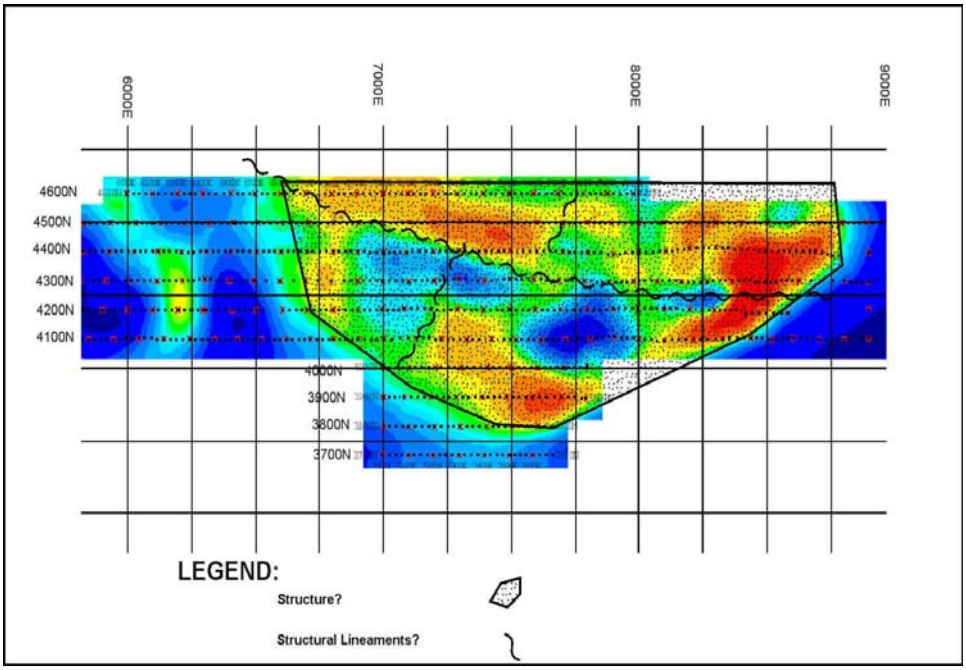


Illustration 6: Part of Plate C-6, Interpreted Resistivity, 200 m below surface

The interpreted structures may be indications of compartmentalization that has influenced the deposition of the sulphide mineralization in this zone, if it exists.

The location of the Kestral 1990 exploration program, which identified a copper shear/garnet zone (George E. Nicholson, P.Geo., 2005), is located either on, or near, the southern central portion of the North Grid IP Survey. (The geological map (George E. Nicholson, P.Geo., 2005) indicates the mineralized zone is located just south of the IP grid.)

The Homestake 1990 program (George E. Nicholson, P.Geo., 2005) was not covered by the 3D IP survey.

Any of the chargeability responses indicated on the maps of the both the North or South grids could arise from metallic sulphide mineralization, but there too little geological control at this point to prioritize the targets.

The chargeability response at the West ends of the lines on the North Grid is represented as the largest areal IP response on the prepared maps. Whether that zone has any exploration significance cannot be ascertained from the present data.

9. CONCLUSIONS

In general, the interpreter is obliged to determine as much useful exploration information from the data sets as is possible, and yet avoid excessive extrapolations. Interpretations are simplifications of the data into conceptual models, and are inherently subjective. Note that the present geophysical interpretations are undertaken with very sparse geological control, so that they must be considered speculative.

The exploration data available to date, including the regional GSC Magnetic interpretation and the 3D Induced Polarization data, have been useful to further the understanding the geo-nature of the property. The interpretations indicate deep seated structures, perhaps intrusive stocks, as well as a number of IP chargeability zones that may indicate the presence of metallic sulphide mineralization.

The geophysical data, of course, provide only a bulk image of the characteristics of the underlying rocks, and the local geological picture may be very much more complex than the geophysical data suggest. Careful comparison of the geophysical results with the ground truth is always warranted before drilling targets are selected.

Respectfully submitted,

As per S.J.V. Consultants Ltd.

Ronald F. Sheldrake, B.Sc. (Geophysics)

BIBLIOGRAPHY

George E. Nicholson, P.Geo., ***"Summary Report on the RHG Project, Tahltan River Area, Liard Mining Division, B.C.,*** February 2005***"*** (draft version)

Trent E. Pezzot, B.Sc., P.Geo., ***"Memorandum: Regional Magnetic Data on the RHG Project,"*** January 28 2005

Trent E. Pezzot, B.Sc., P.Geo., ***"Memorandum: Regional Magnetic Data on the RHG Project,*** February 18 2005

APPENDIX 1 – STATEMENT OF QUALIFICATIONS, R. SHELDRAKE

I, **Ronald F. Sheldrake**, do certify that:

1) I received a B.Sc. in Geophysics from the University of British Columbia in 1974.

2) I have practised the profession of exploration geophysics for in excess of 30 years.

3) This report is written solely by Ronald F. Sheldrake, except where other credit is given.

4) I have no interest, either direct, indirect or contingent in Red Tusk Resources Inc.

I hereby authorize Red Tusk Resources Inc. to use this report as is appropriate under the Securities Act regulations of Canada.

December 1, 2005

Ronald F. Sheldrake
S. J. V. Consultant Ltd.

APPENDIX 2 – IP RECEIVER EQUIPMENT

Technical:

Input impedance:	10 Mohm
Input over voltage protection up to 30V	
External memory:	Unlimited readings
Number of dipoles:	4 to 16 +, expandable.
Synchronization process on primary voltages signals is done by post processing software	
Proprietary intelligent stacking process rejecting strong non-linear SP drifts	
Common mode rejection:	More than 100 dB (for Rs =0)
Self potential (Sp)	: range:-5V to + 5V
	: resolution: 0.1 mV
Ground resistance measurement range:	0.1-100 kohms
Primary voltage	: range: 1mV - 15V
	: resolution: 1μV

General:

Dimensions:	50x50x25 cm (includes the carry case and all components)
Weight (with the internal battery):	15 kg
Operating temperature range:	-20ºC to 40ºC
Case in fiber-glass to resist field shocks and vibrations	

APPENDIX 3 – IP TRANSMITTER EQUIPMENT

SJ Full Wave Form Digital IP Receiver

GDD Tx II IP Transmitter

Input voltage:	240V / 50Hz or 60Hz (optional)
Output power:	3.6 Kw maximum.
Output voltage:	150 to 2000 Volts
Output current:	5 ma to 10Amperes
Time domain:	Transmission cycle is 2 seconds ON, 2 seconds OFF
Operating temp. range:	-40^0 to $+65^0$ C
Display:	Digital LCD read to 0.001A
Dimensions (h w d):	34 x 21 x 39 cm
Weight:	50kg.

APPENDIX 4 – MESHTOOLS3D.EXE VIEWING PROGRAM

This program is used to view 3D models originate from the University of BC Gif facility (www.eos.ubc.ca/research/ubcgif). The program is owned by the GIF Facility, and use of the program is restricted to non-commercial use to view data sets produced by UBC inversion programs. All other rights reserved.

Instructions:

1) It is easiest to have the all the four files that you need in the same directory, namely, **MeshTools3d.exe, 3dmesh.txt, dcinv3ds.con, ipinv3d.chg** (or equivalent names)

MeshTools3d.exe is the viewing program.

3dmesh.txt is the mesh file that the program will ask for (comes with the model).

dcinv3ds.con and **ipinv3ds.chg** (or similar names) are the conductivity and chargeability model-matrices that are to be viewed.

2) Start by double clicking on MeshTools3d.exe. Go to File>Open and on the first line browse to the file "3dmesh.txt", then on the 2nd line input the conductivity model you want (dcinv3ds.con). For conductivity and resistivity models (only) a more effective array of colours is needed. Click on the little "log" box (means logarithmic). Leave the 2nd model line blank. Click on "OK."

3) There will appear a question "that some cells are set to 1e-008, do you want to ignore these" click "Yes"

4) The model will load and you should see the first image. This shows conductivity. If you wish to view resistivity toggle the "sigma/rho" button in the middle of the toolbar, then go to "view" menu pull down to "flip colours". You should now see low resistivities in blue and highs in red (the scale bar goes from, say, 1-1e+05). Now go to "view" again and select "labels" and this will put the coordinates on the axes. These are the trimmed models which are already cut down to the extent of the data (there are no padding cells).

If you hold the right mouse button down (it is not a click) while the cursor is on the model and you move the mouse the whole thing spins and rotates in 3D; with a little practice you can be looking at any orientation you like.

Go back to :options" to experiment. Change the colour bar: Max/Min set Max=5000,

Min=50, this makes the highs look redder and the lows look bluer and enhances the difference. Also try Max=2000, Min=20.

5) Use the WESNTB buttons to select a direction and then slice in and out with the arrow buttons just to the right.

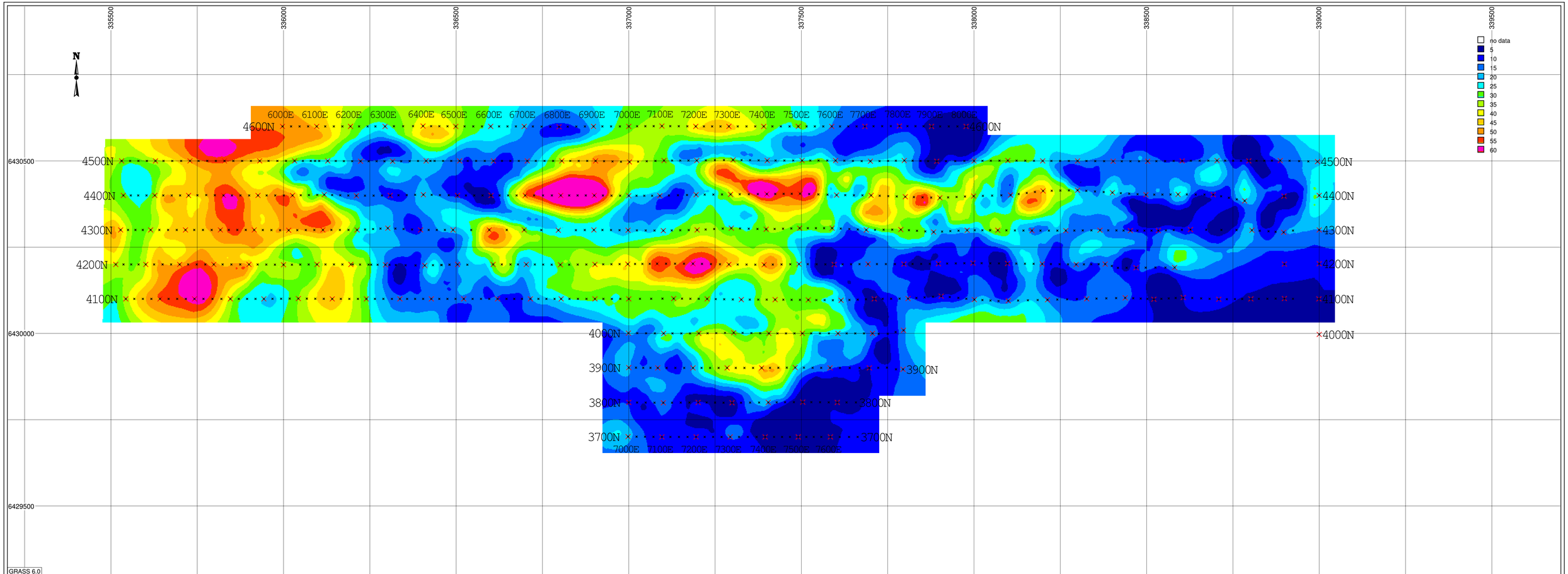
One very useful viewing technique is the "cut off" which displays a selected range of values and for resistivity it can show all the values above a certain limit and all values below a limit at the same time. "options"> "cut off"> min=2000 (you can leave max= alone) this will show all the values above 2000 and you can see the high resistivity bodies as volumes. To orient yourself in the block you can step in with the cut-planes (WESNTB) buttons from several sides to bracket (or center) the feature in the mesh coordinates.

6) Now minimize the model and start the program again. Load the mesh, and now load the chargeability model "ipinv3ds.chg", but do not click the "log" box, as the colour display won't be correct. There will appear a question "that some cells are set to 1e-008, do you want to ignore these" click "Yes"

7) For the chargeability model-matrix you do not need to change sigma/rho or flip colours you can proceed directly with putting the labels and to set to color bar (0-30).

8) Compare with the resistivity (you can have both models side by side).

APPENDIX 5 – INVERTED DEPTH SLICE MAPS – NORTH GRID



0 50 100 150 200 250

Projection: UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
a=50,100m N=12

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August 2005

Red Tusk Resources Inc.

RHG Property

Tahltan River Area, North west BC

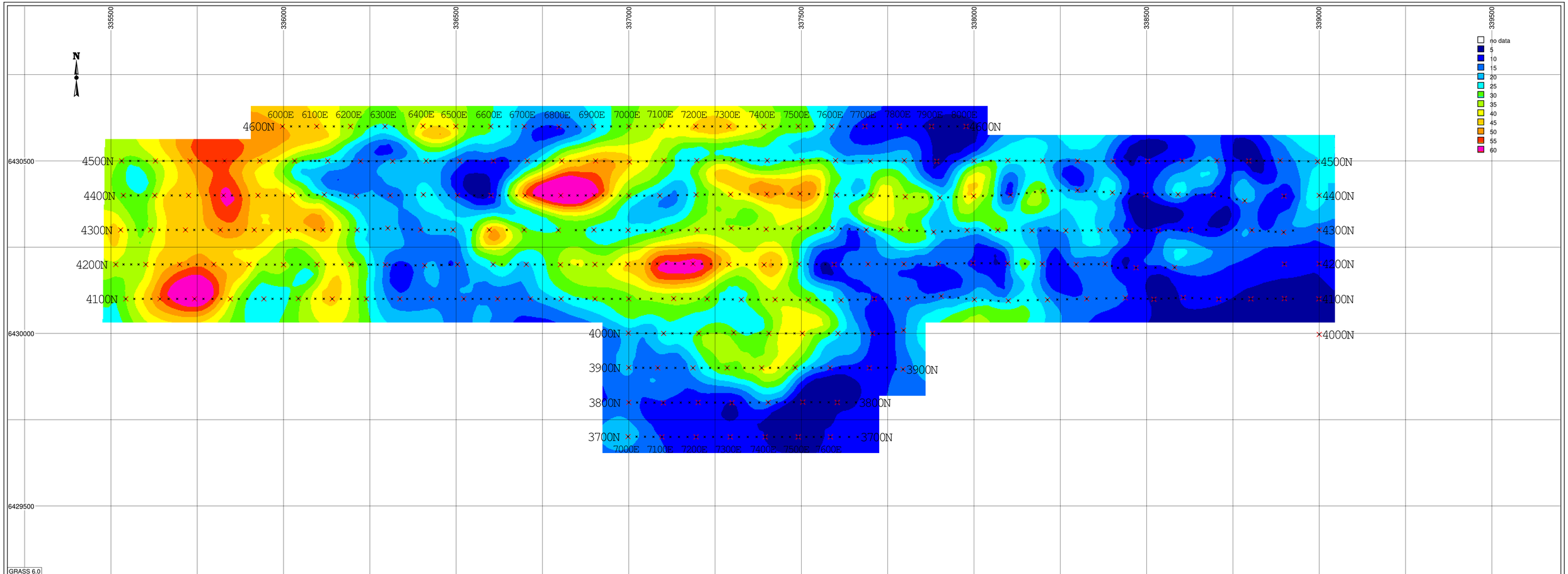
3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

25 m Below Surface

SJ Geophysics Ltd.



0 50 100 150 200 250

Projection: UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
a=50,100m N=12

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August 2005

Red Tusk Resources Inc.

RHG Property

Tahltan River Area, North west BC

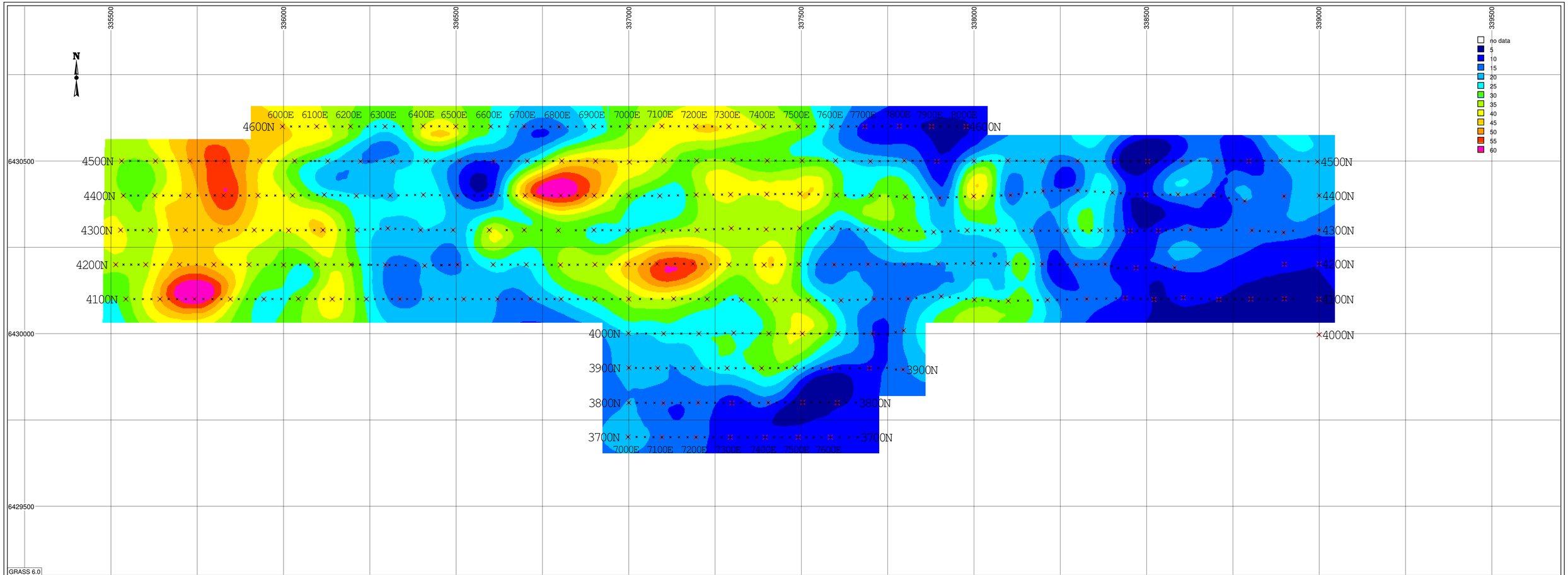
3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

50 m Below Surface

SJ Geophysics Ltd.



0 50 100 150 200 250

Projection: UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
a=50,100m N=12

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August 2005

Red Tusk Resources Inc.

RHG Property

Tahltan River Area, North west BC

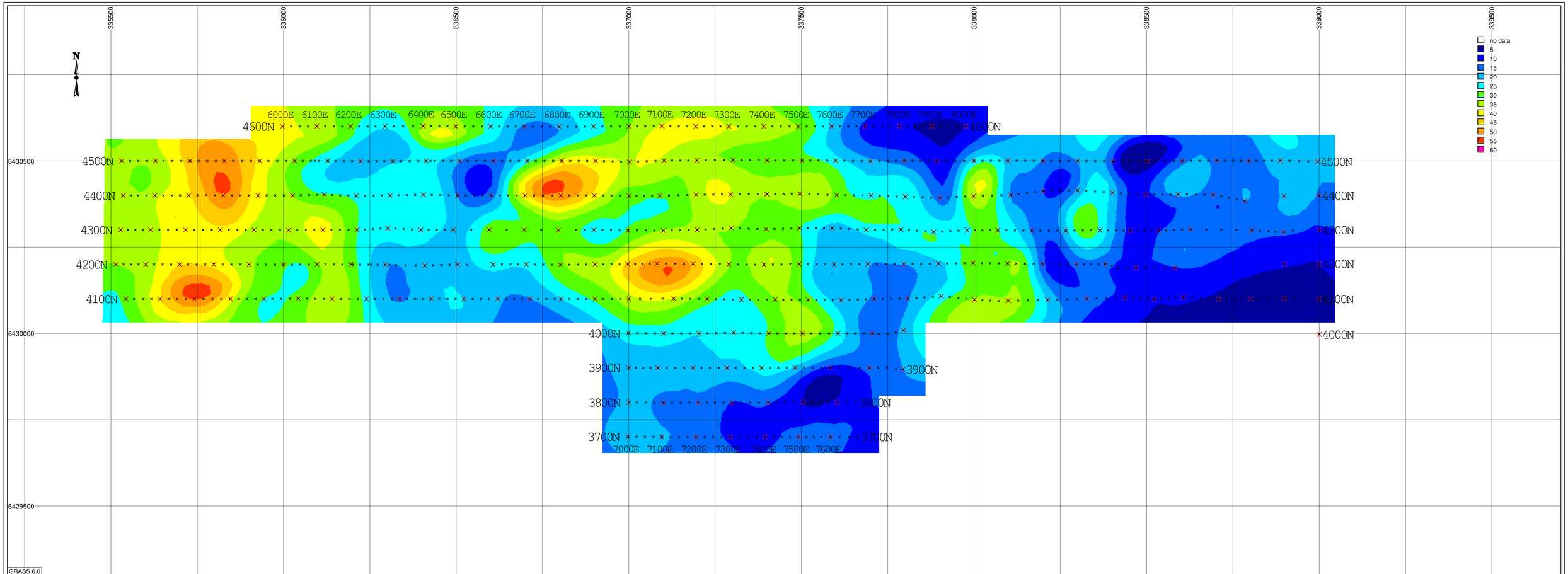
3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

75 m Below Surface

SJ Geophysics Ltd.



0 50 100 150 200 250

Projection: UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
a=50,100m N=12

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August 2005

Red Tusk Resources Inc.

RHG Property

Tahltan River Area, North west BC

3D Inversion Model

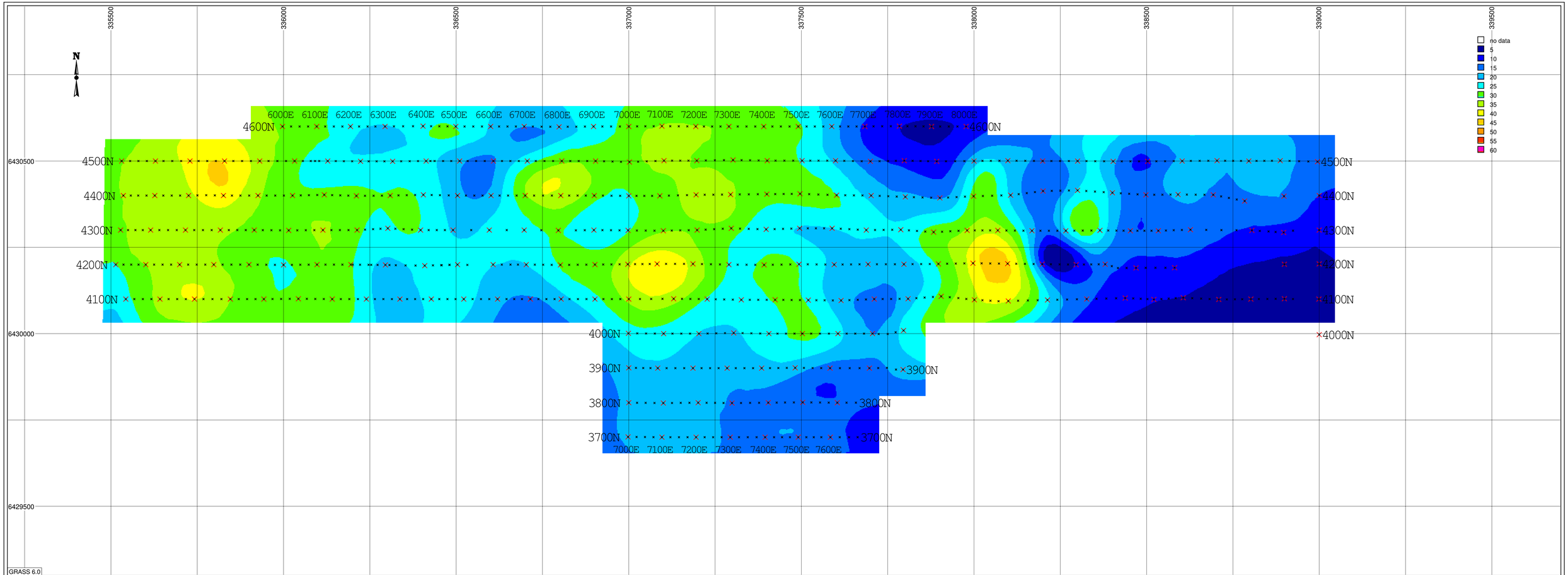
Interpreted Chargeability (ms)

False Color Contour Map

100 m Below Surface

SJ Geophysics Ltd.

Plate C–4



Projection: UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
a=50,100m N=12

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August 2005

Red Tusk Resources Inc.

RHG Property

Tahltan River Area, North west BC

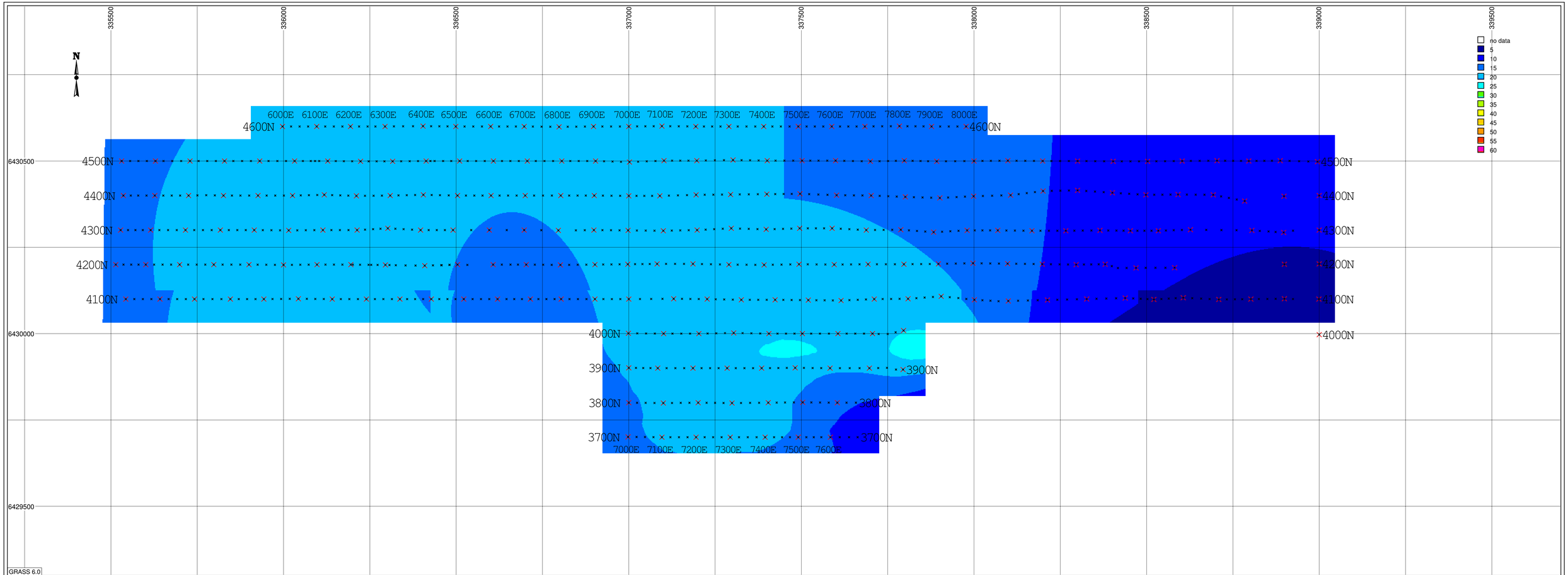
3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

150 m Below Surface

SJ Geophysics Ltd.



0 50 100 150 200 250

Projection: UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
a=50,100m N=12

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August 2005

Red Tusk Resources Inc.

RHG Property

Tahltan River Area, North west BC

3D Inversion Model

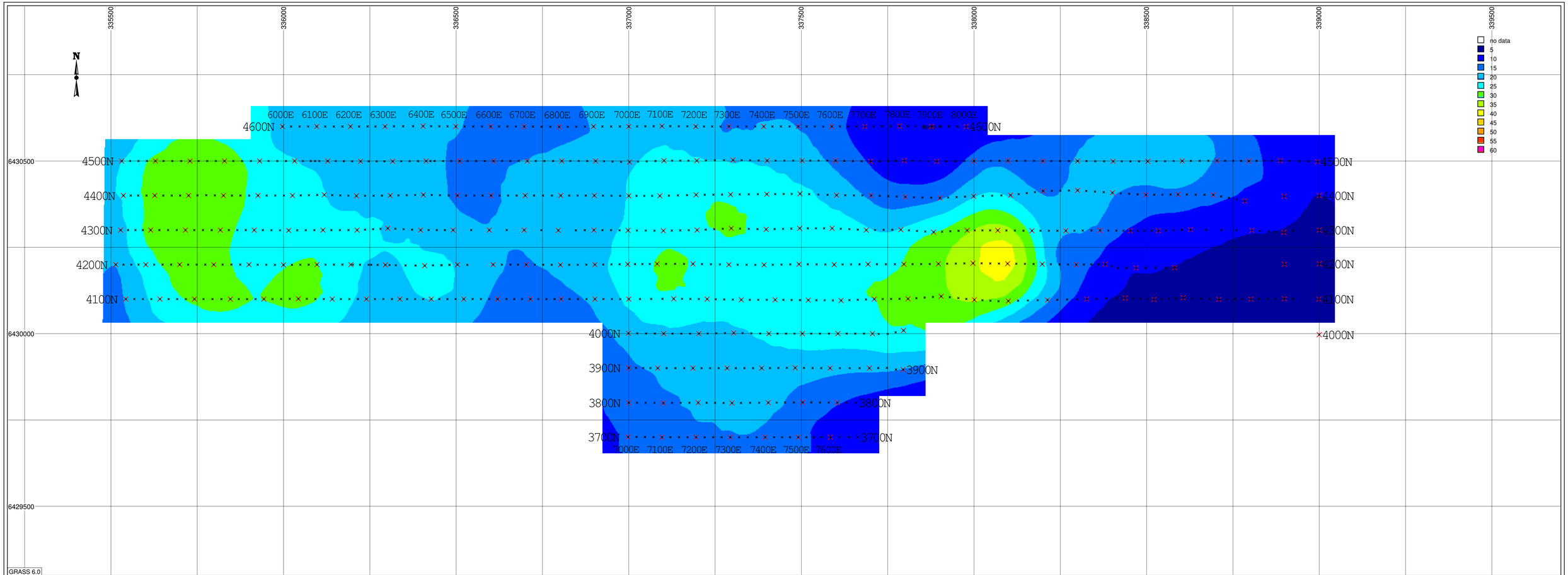
Interpreted Chargeability (ms)

False Color Contour Map

200 m Below Surface

SJ Geophysics Ltd.

Plate C–6



0 50 100 150 200 250

Projection: UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
a=50,100m N=12

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August 2005

Red Tusk Resources Inc.

RHG Property

Tahltan River Area, North west BC

3D Inversion Model

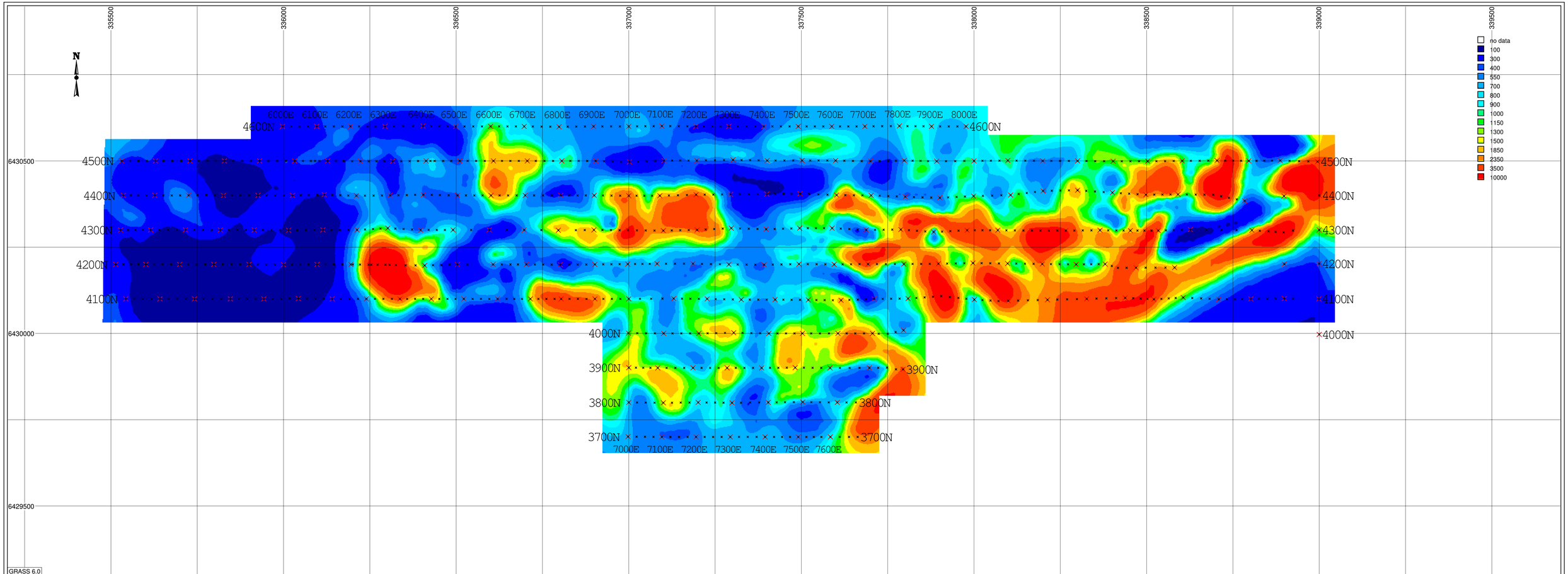
Interpreted Chargeability (ms)

False Color Contour Map

250 m Below Surface

SJ Geophysics Ltd.

Plate C–7



Projection: UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
a=50,100m N=12

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August 2005

Red Tusk Resources Inc.

RHG Property

Tahltan River Area, North west BC

3D Inversion Model

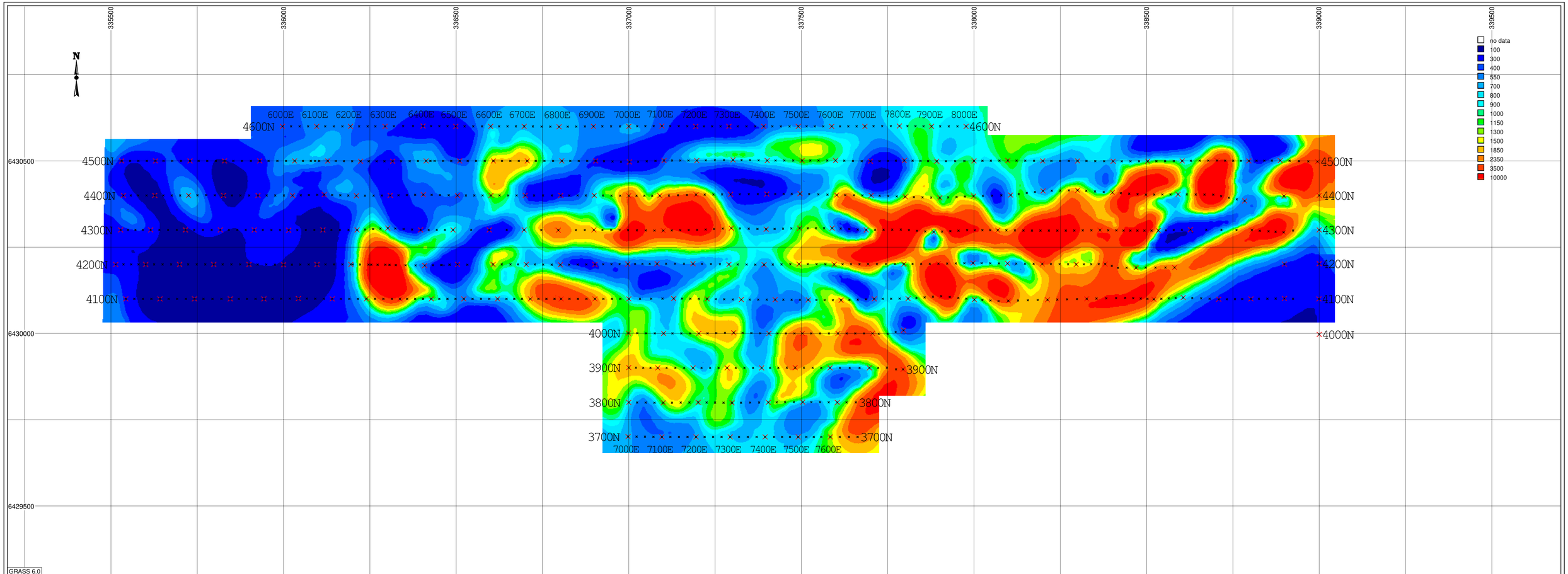
Interpreted Resistivity (Ohm–m)

False Color Contour Map

25 m Below Surface

SJ Geophysics Ltd.

Plate R–1



Projection: UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
a=50,100m N=12

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August 2005

Red Tusk Resources Inc.

RHG Property

Tahltan River Area, North west BC

3D Inversion Model

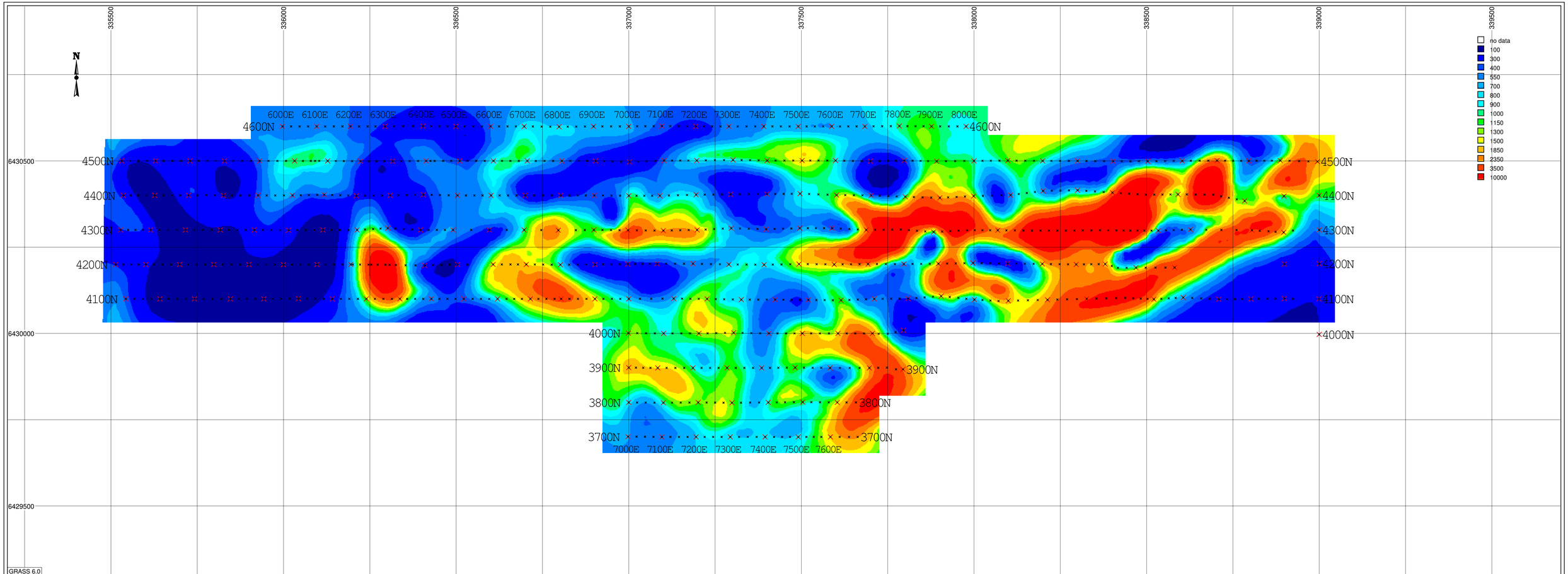
Interpreted Resistivity (Ohm–m)

False Color Contour Map

50 m Below Surface

SJ Geophysics Ltd.

Plate R–2



0 50 100 150 200 250

Projection: UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
a=50,100m N=12

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August 2005

Red Tusk Resources Inc.

RHG Property

Tahltan River Area, North west BC

3D Inversion Model

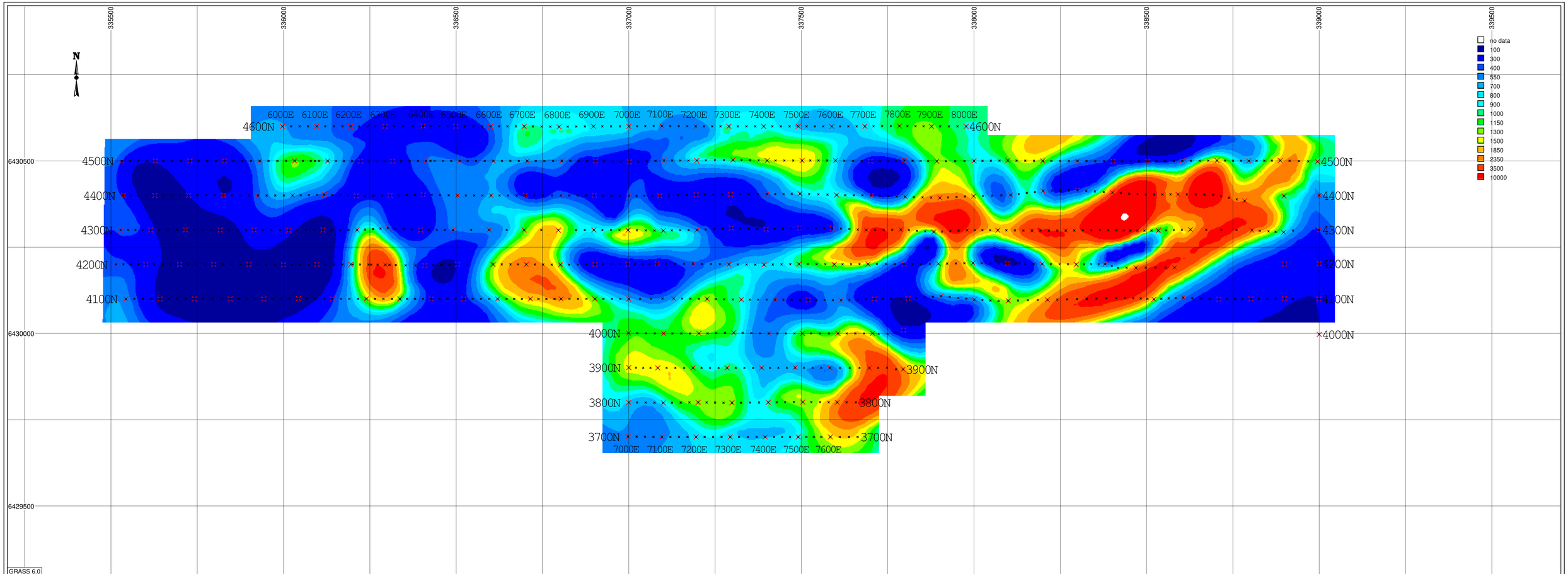
Interpreted Resistivity (Ohm–m)

False Color Contour Map

75 m Below Surface

SJ Geophysics Ltd.

Plate R–3



Projection: UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
a=50,100m N=12

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August 2005

Red Tusk Resources Inc.

RHG Property

Tahltan River Area, North west BC

3D Inversion Model

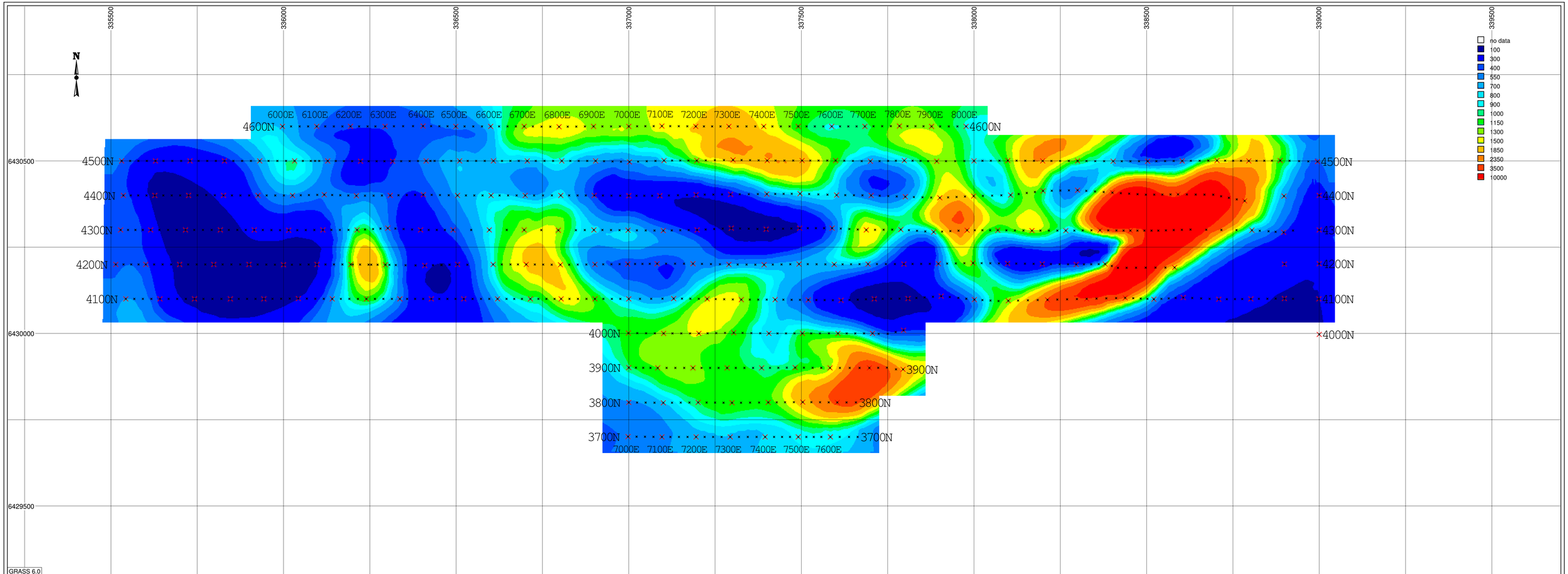
Interpreted Resistivity (Ohm–m)

False Color Contour Map

100 m Below Surface

SJ Geophysics Ltd.

Plate R–4



Projection: UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
a=50,100m N=12

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August 2005

Red Tusk Resources Inc.

RHG Property

Tahltan River Area, North west BC

3D Inversion Model

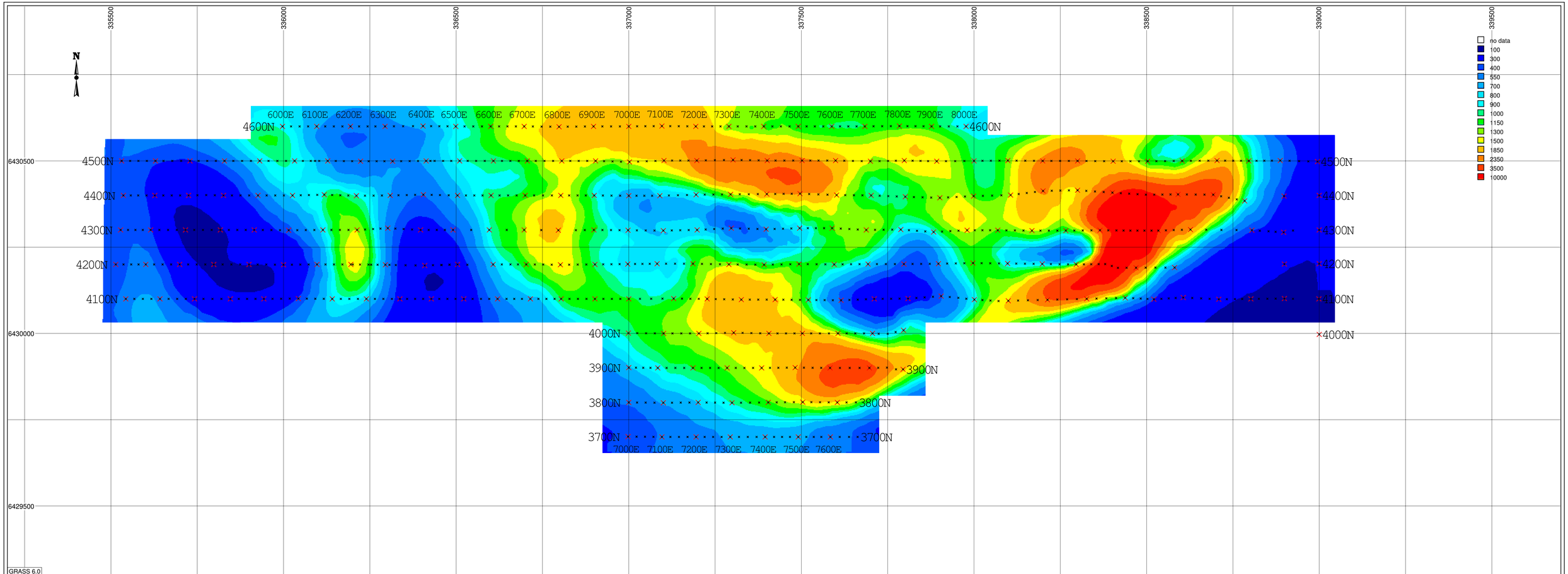
Interpreted Resistivity (Ohm–m)

False Color Contour Map

150 m Below Surface

SJ Geophysics Ltd.

Plate R–5



Projection: UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
a=50,100m N=12

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August 2005

Red Tusk Resources Inc.

RHG Property

Tahltan River Area, North west BC

3D Inversion Model

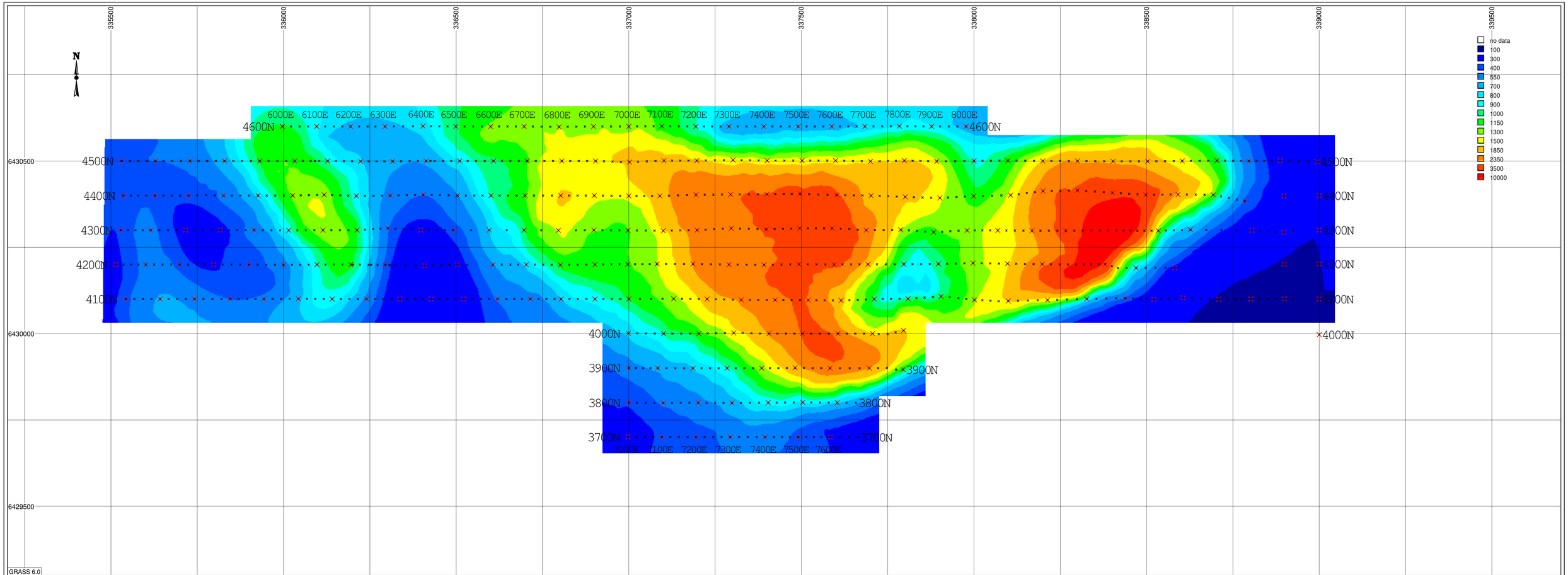
Interpreted Resistivity (Ohm–m)

False Color Contour Map

200 m Below Surface

SJ Geophysics Ltd.

Plate R–6



Projection: UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
a=50,100m N=12

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August 2005

Red Tusk Resources Inc.

RHG Property

Tahltan River Area, North west BC

3D Inversion Model

Interpreted Resistivity (Ohm–m)

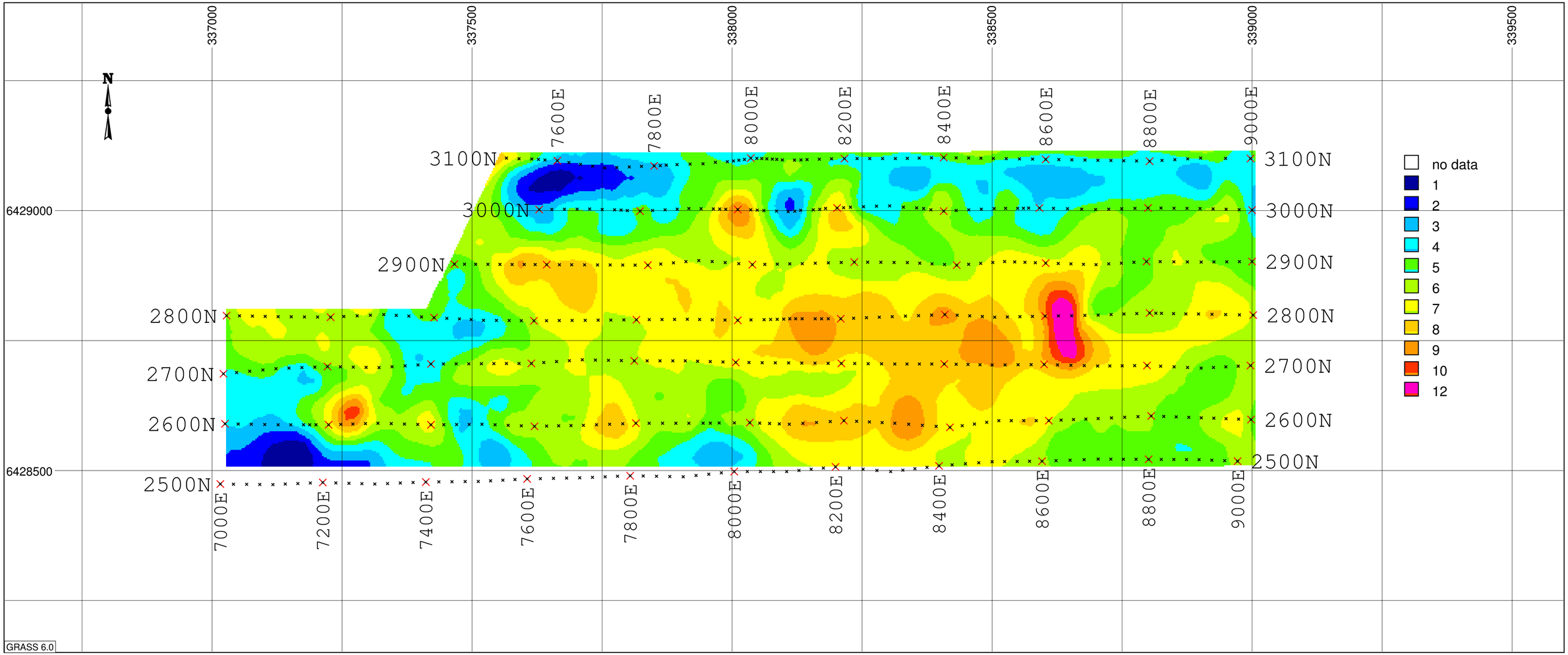
False Color Contour Map

250 m Below Surface

SJ Geophysics Ltd.

Plate R–7

APPENDIX 6 – INVERTED DEPTH SLICE MAPS – SOUTH GRID



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

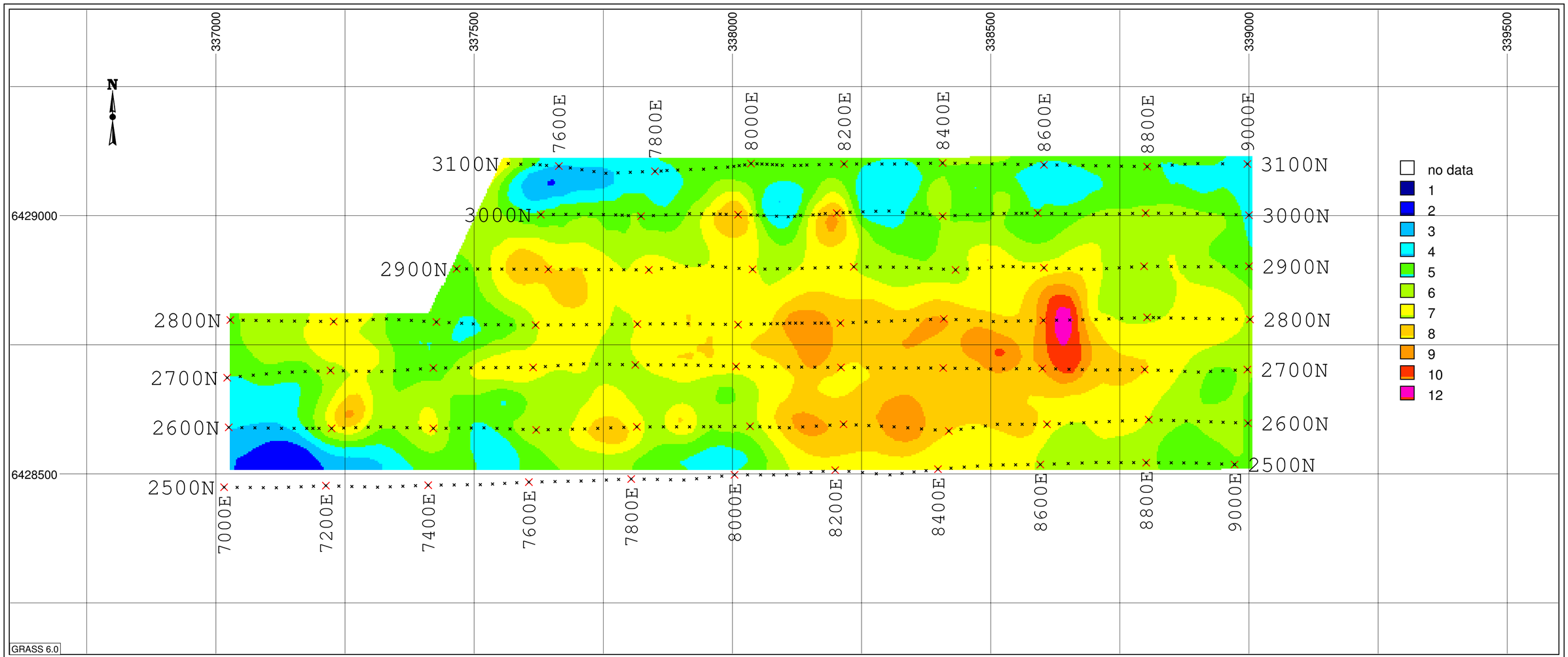
3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

Depth 25 m Below Surface

SJ Geophysics Ltd.



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

3D Inversion Model

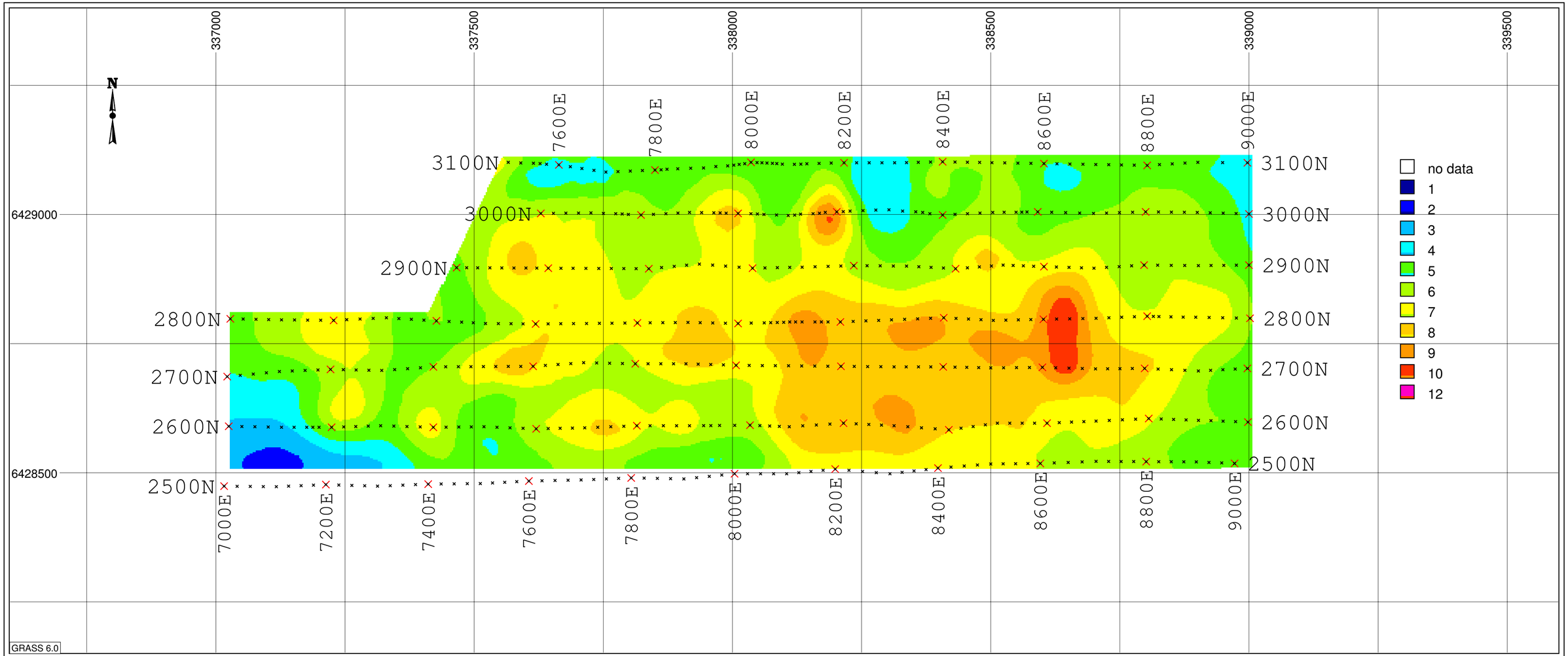
Interpreted Chargeability (ms)

False Color Contour Map

Depth 50 m Below Surface

SJ Geophysics Ltd.

Plate C–2



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

SJ Geophysics Ltd.

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

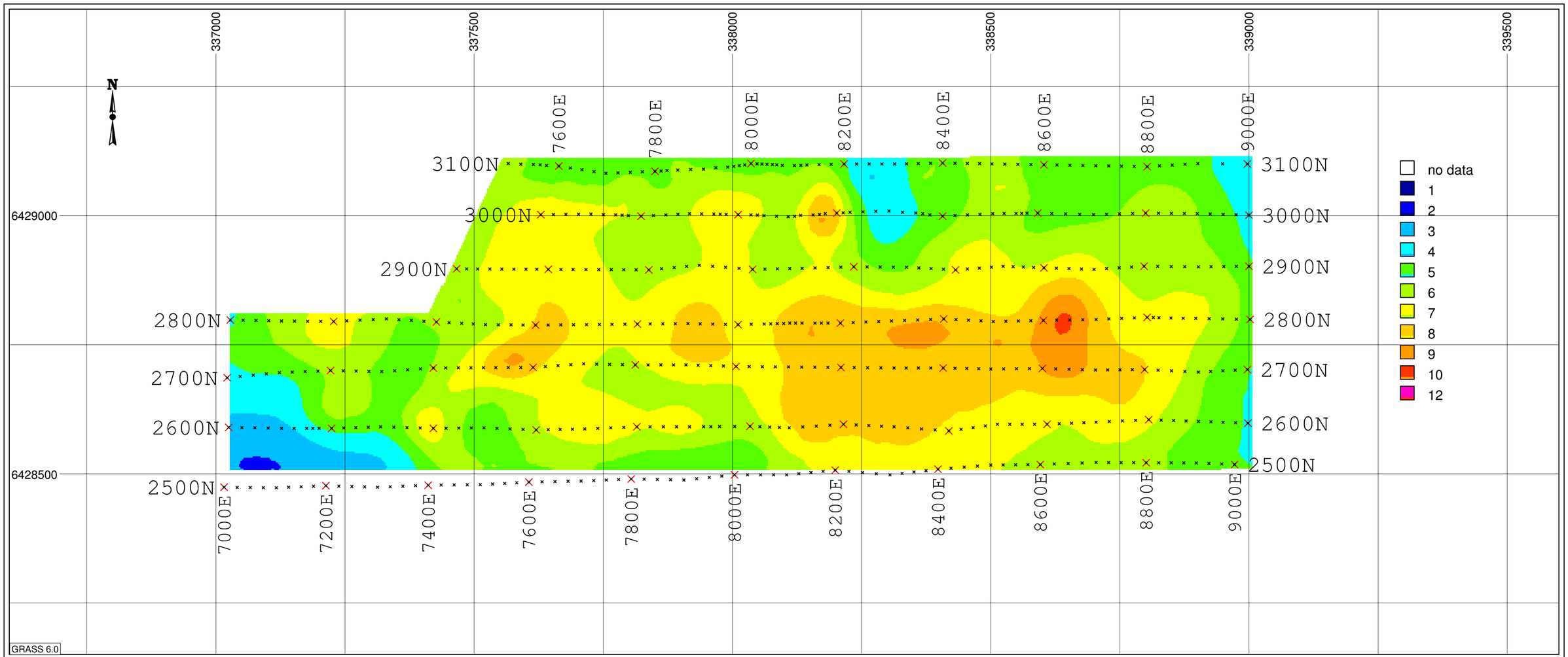
Tahltan River Area, North West BC

3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

Depth 75 m Below Surface



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

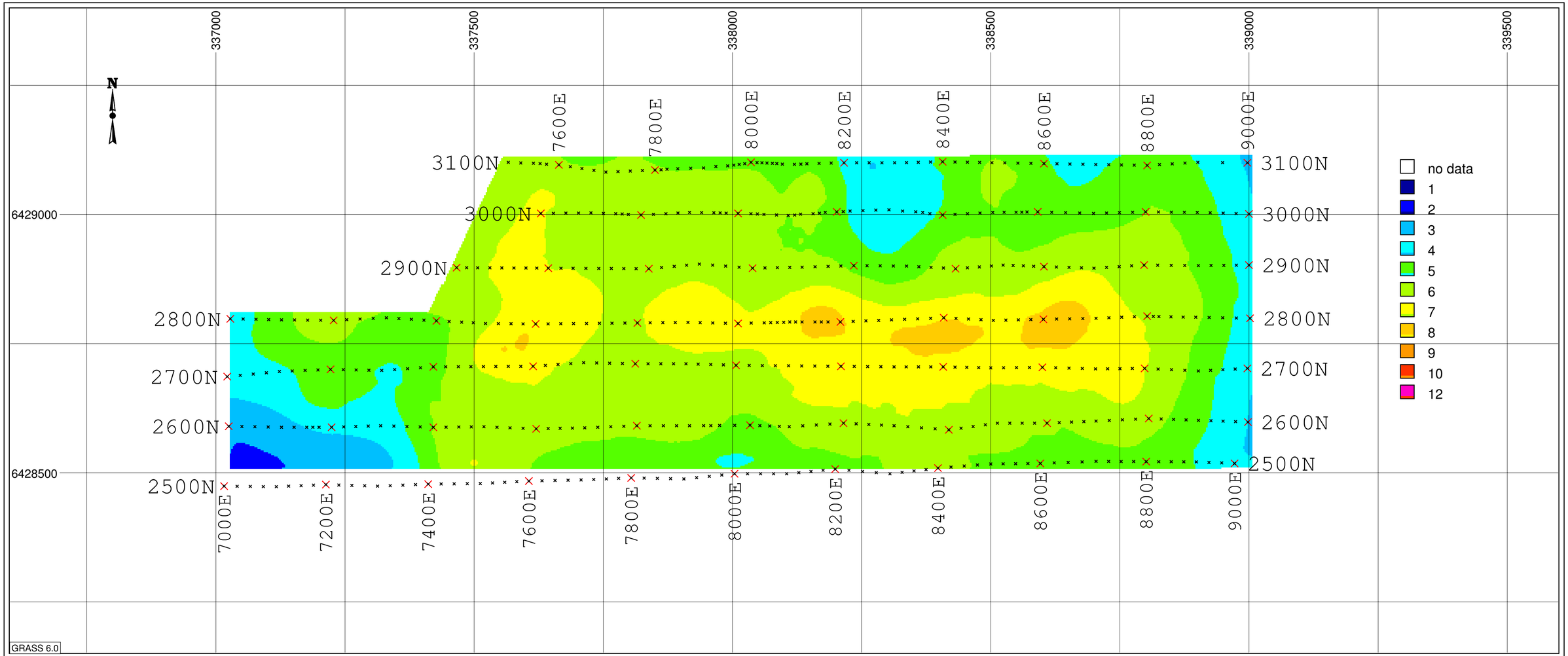
3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

Depth 100 m Below Surface

SJ Geophysics Ltd.



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

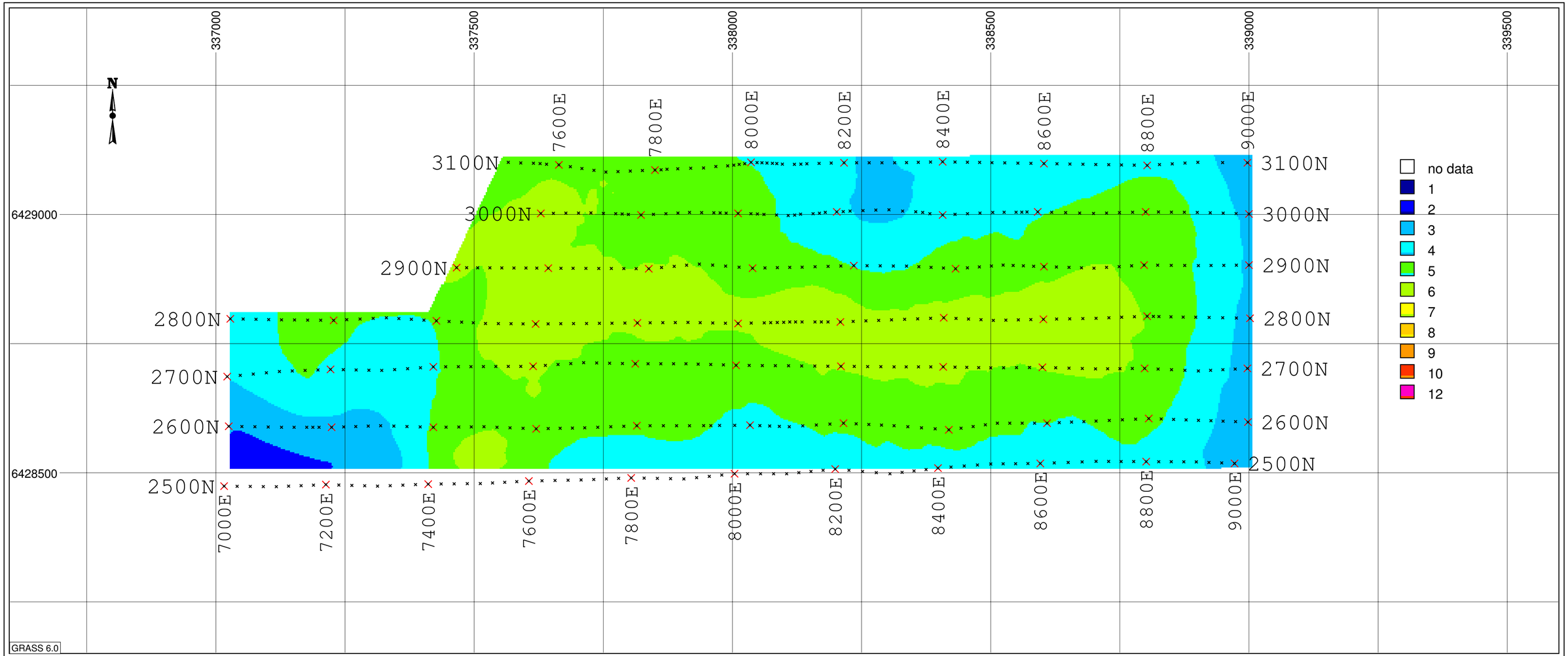
3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

Depth 150 m Below Surface

SJ Geophysics Ltd.



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

SJ Geophysics Ltd.

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

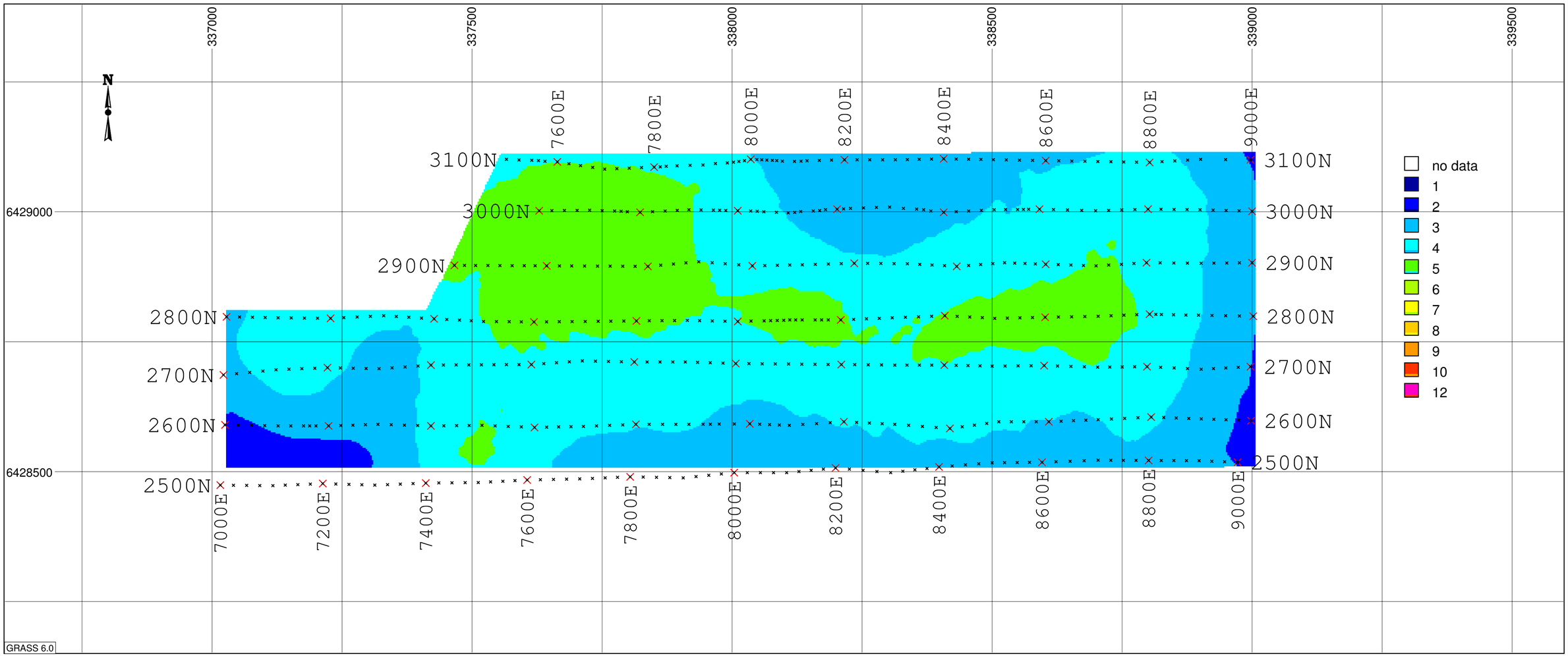
3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

Depth 200 m Below Surface

Plate C–6



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

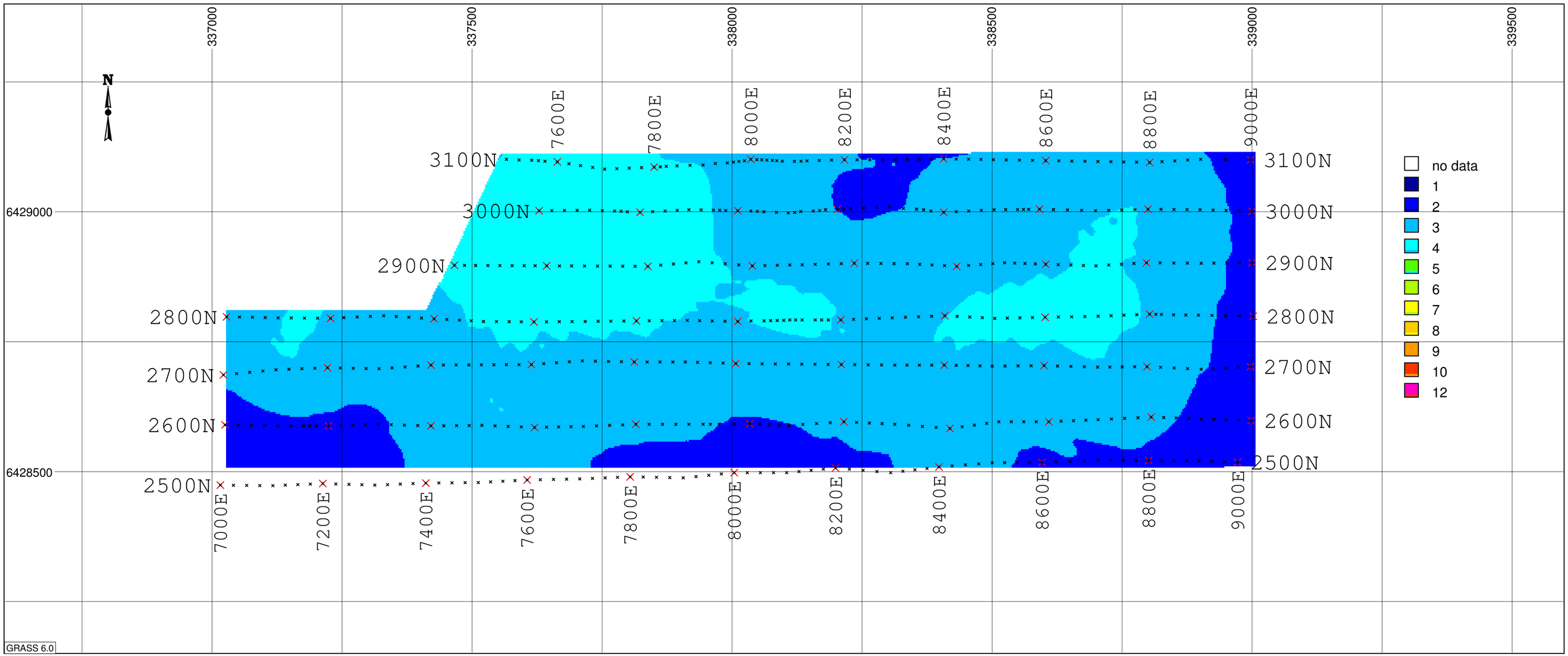
3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

Depth 250 m Below Surface

SJ Geophysics Ltd.



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

SJ Geophysics Ltd.

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

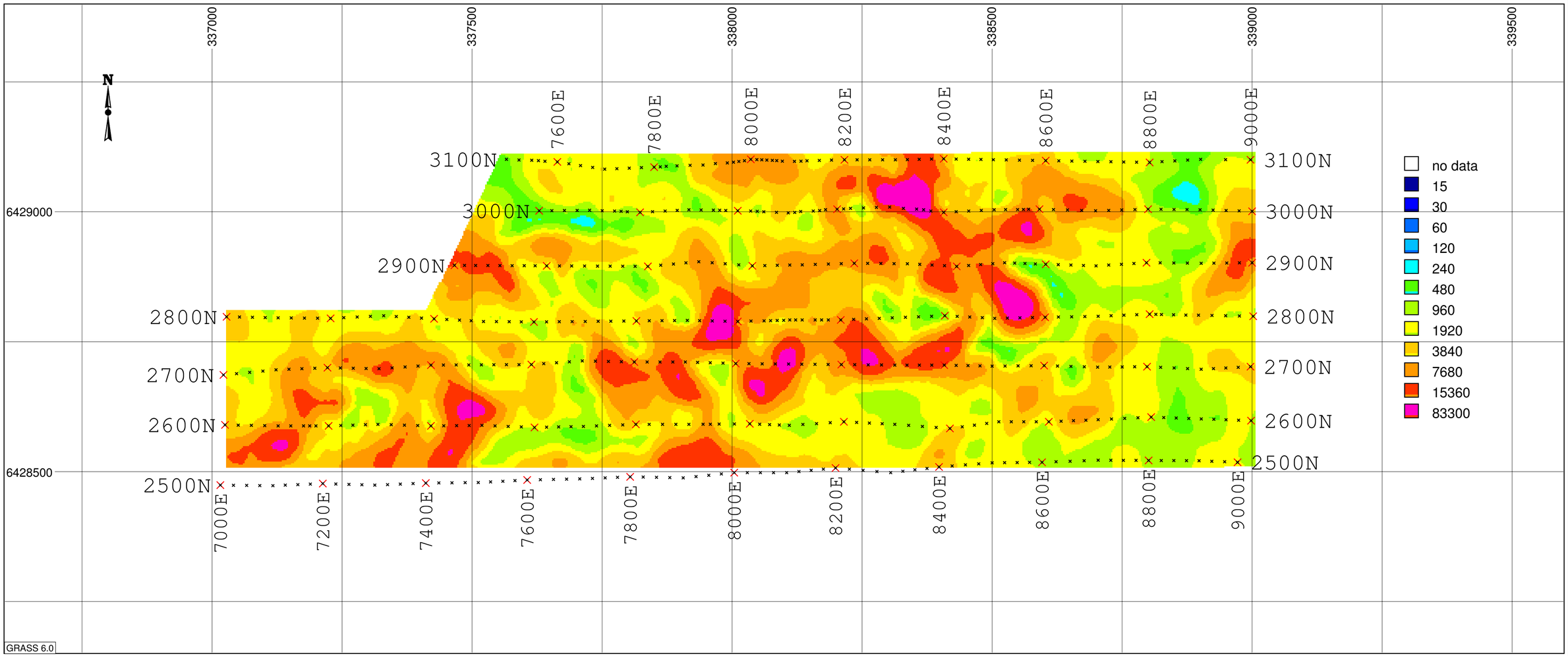
3D Inversion Model

Interpreted Chargeability (ms)

False Color Contour Map

Depth 300 m Below Surface

Plate C–8



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

SJ Geophysics Ltd.

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

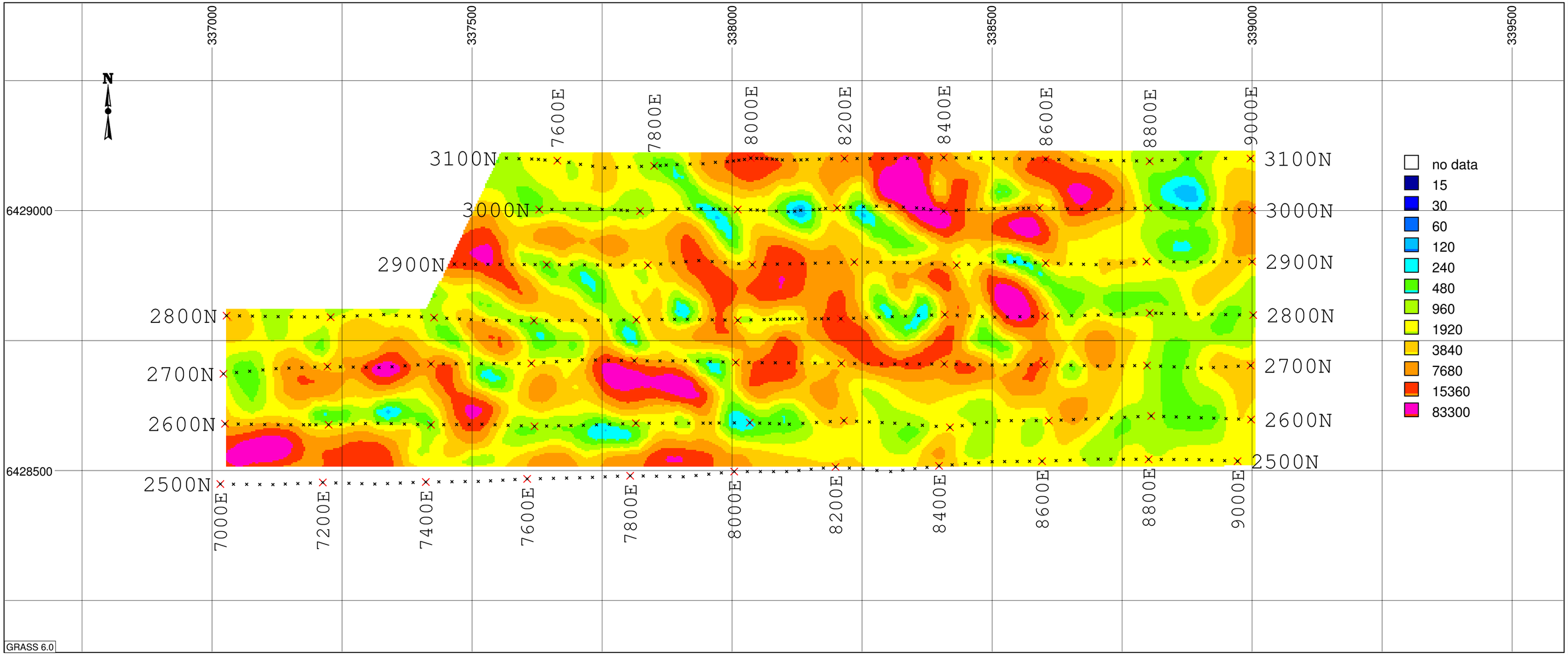
3D Inversion Model

Interpreted Resistivity (Ohm–m)

False Color Contour Map

Depth 25 m Below Surface

Plate R–1



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

3D Inversion Model

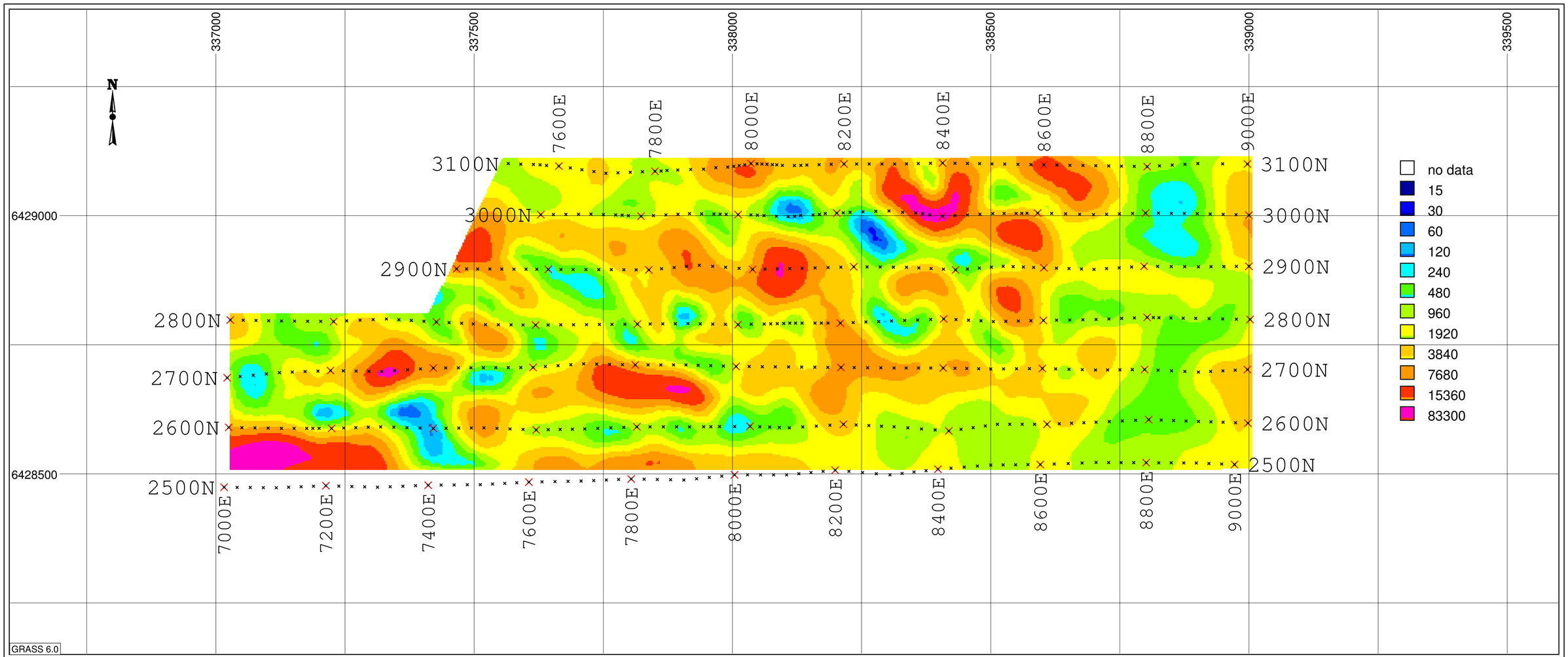
Interpreted Resistivity (Ohm–m)

False Color Contour Map

Depth 50 m Below Surface

SJ Geophysics Ltd.

Plate R–2



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

SJ Geophysics Ltd.

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

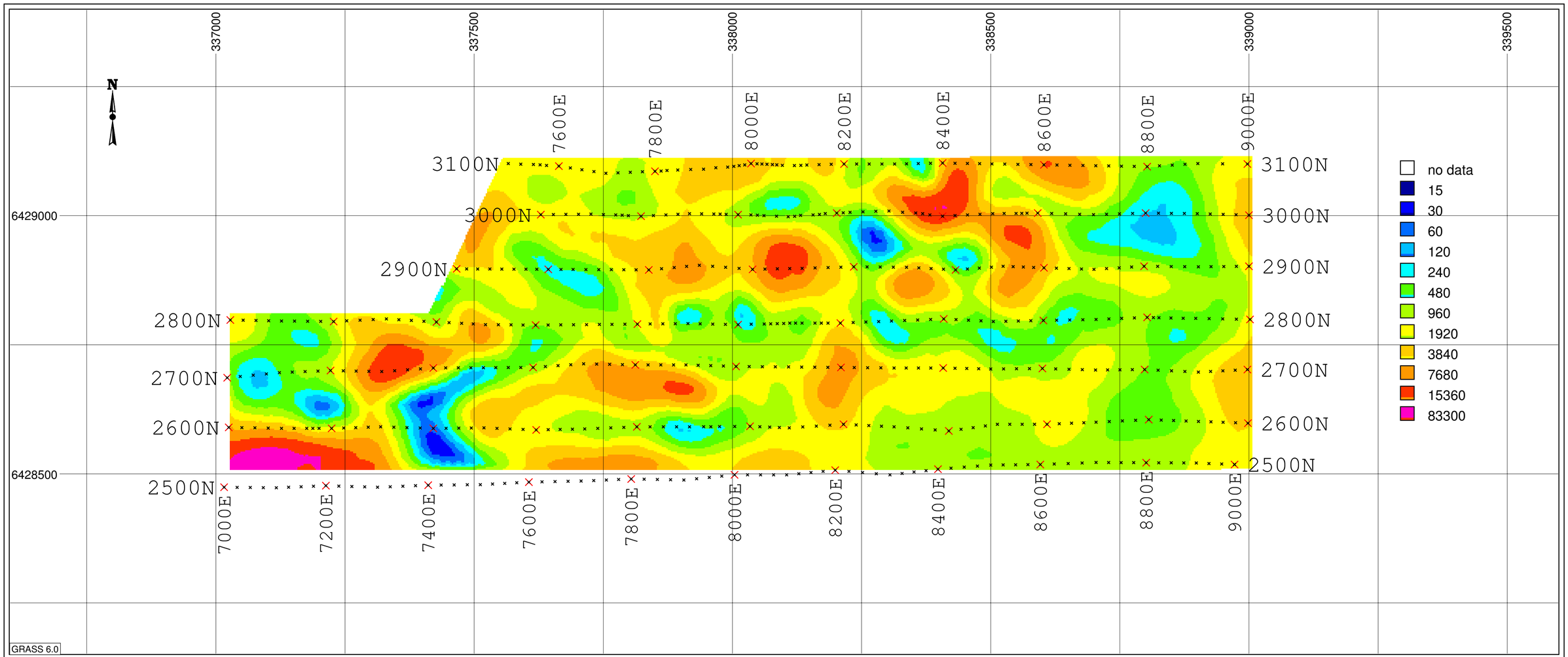
3D Inversion Model

Interpreted Resistivity (Ohm–m)

False Color Contour Map

Depth 75 m Below Surface

Plate R–3



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

3D Inversion Model

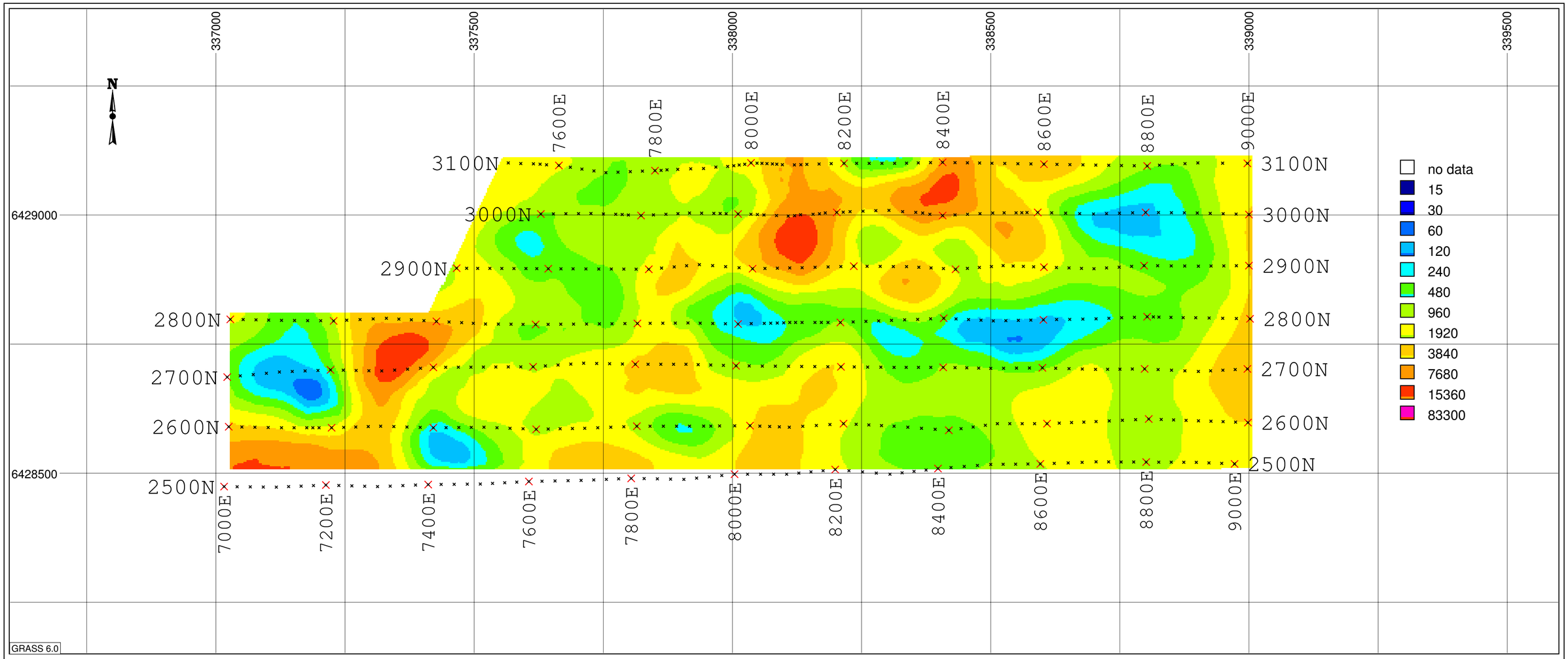
Interpreted Resistivity (Ohm–m)

False Color Contour Map

Depth 100 m Below Surface

SJ Geophysics Ltd.

Plate R–4



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

3D Inversion Model

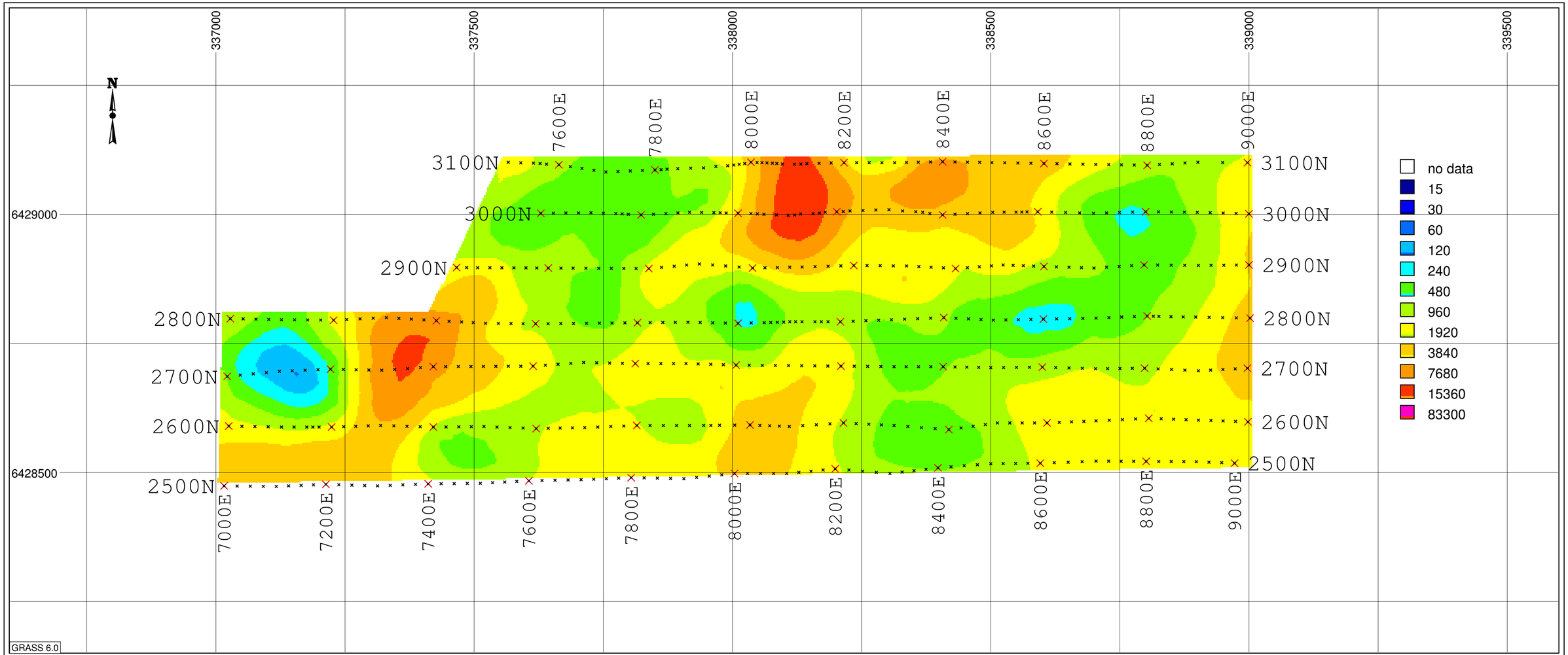
Interpreted Resistivity (Ohm–m)

False Color Contour Map

Depth 150 m Below Surface

SJ Geophysics Ltd.

Plate R–5



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

3D Inversion Model

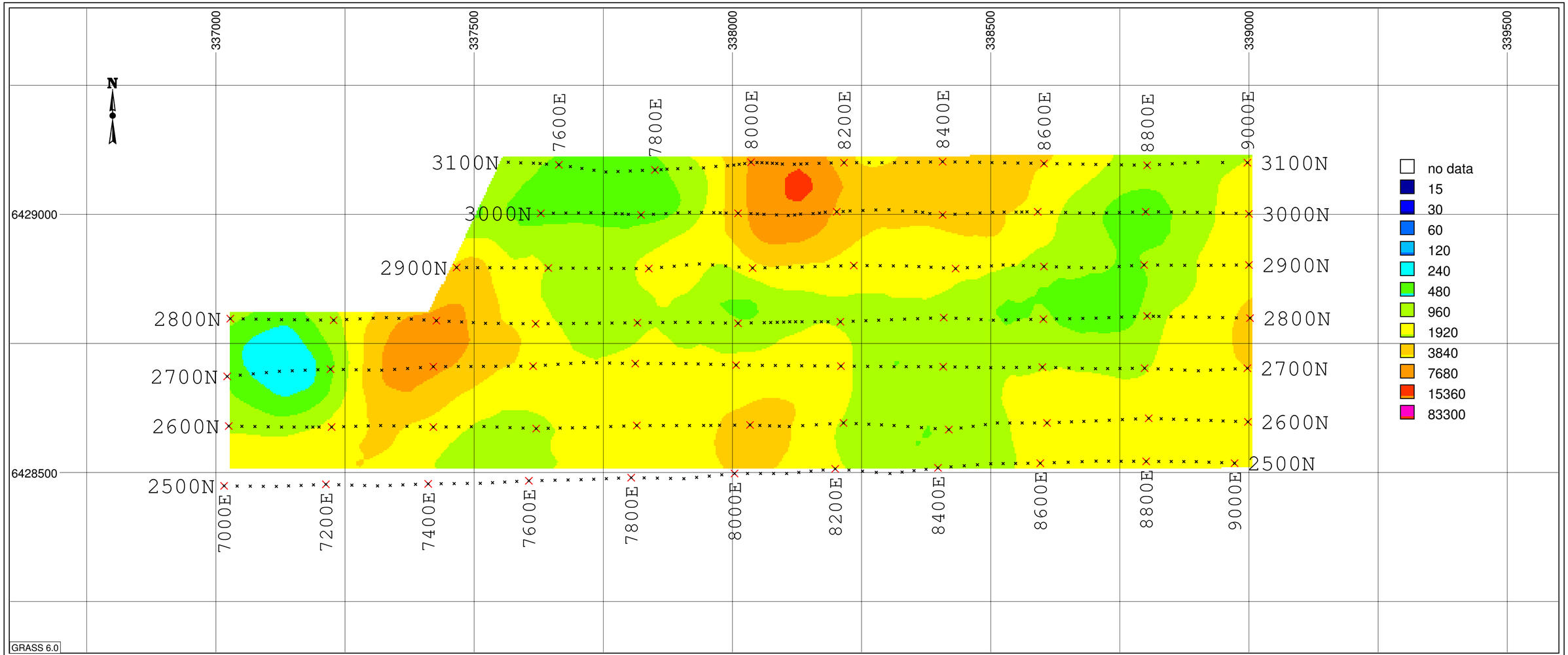
Interpreted Resistivity (Ohm–m)

False Color Contour Map

Depth 200 m Below Surface

SJ Geophysics Ltd.

Plate R–6



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

3D Inversion Model

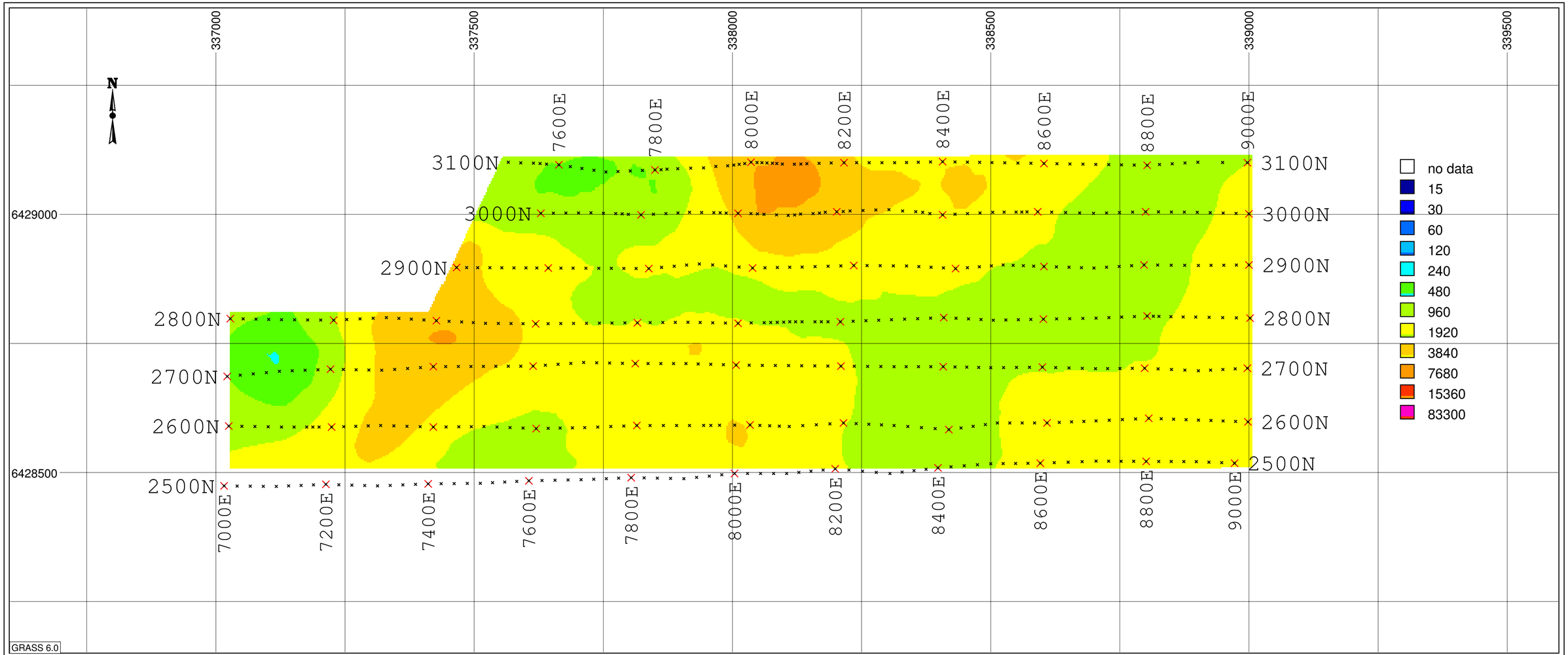
Interpreted Resistivity (Ohm–m)

False Color Contour Map

Depth 250 m Below Surface

SJ Geophysics Ltd.

Plate R–7



0 50 100 150 200 250

Projection:UTM meters
Datum: NAD83
Zone: 9
Mapping Date: September, 2005

Survey Information

Instrumentation:

RECEIVER: SJ FULL WAVE FORM IP RECEIVER
TRANSMITTER: GDD TX II, VIP–3000

Typical Dipole Array:
N = 12
a = 50, 100 m

Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Processing Date: August, 2005

RED TUSK RESOURCES INC.

RHG Property – Southern Grid

Tahltan River Area, North West BC

3D Inversion Model

Interpreted Resistivity (Ohm–m)

False Color Contour Map

Depth 300 m Below Surface

SJ Geophysics Ltd.

Plate R–8

Appendix 4.

SJ Geophysics Summary of

3D Magnetometer Modelling

SJ Geophysics Ltd.
S.J.V. Consultants Ltd.

11762-94th Avenue, Bus: (604) 582-1100 Fax: (604) 589-7466

Delta BC V4C 3R7 CANADA E-mail: trent@sjgeophysics.com
www.sjgeophysics.com

Memorandum

To: George Nicholson
Red Tusk Resources Inc.

From: E. Trent Pezzot

Date: January 28, 2005
Re: RHG Project Magnetic Study

George:

I have completed the data processing and 3D inversion of the government airborne magnetic data covering the RHG Project claims in the Tahltan River area of B.C. This memo includes several images and summarizes the results of this study. Larger, properly scaled versions of any of the maps included in this report are available.

The government airborne data was obtained from their website as a binary file with data spaced on a regular 200m grid. The original data was flown with a mean terrain clearance of around 300m. Topographic information was acquired as government trim maps and shows substantial relief across the survey area, ranging from approximately 700 to 2100m above mean sea level. Topographic information was included in the geophysical analysis.

Figure 1 on the following page shows the regional magnetic coverage obtained from the government. It includes an irregular shaped block of data some 100km E-W by 200 km N-S. The RHG project claims cover a small portion of this map, some 14km E-W by 9 km N-S as shown below. The RHG claim area is centred over an elliptical magnetic high, elongated NE and some 6 km long and 4 km wide. This anomaly is located along the southern flank of a much larger

magnetic anomaly, some 20 km across, which appears to be near the center of a series of circular magnetic patterns with a radius of some 70 km.

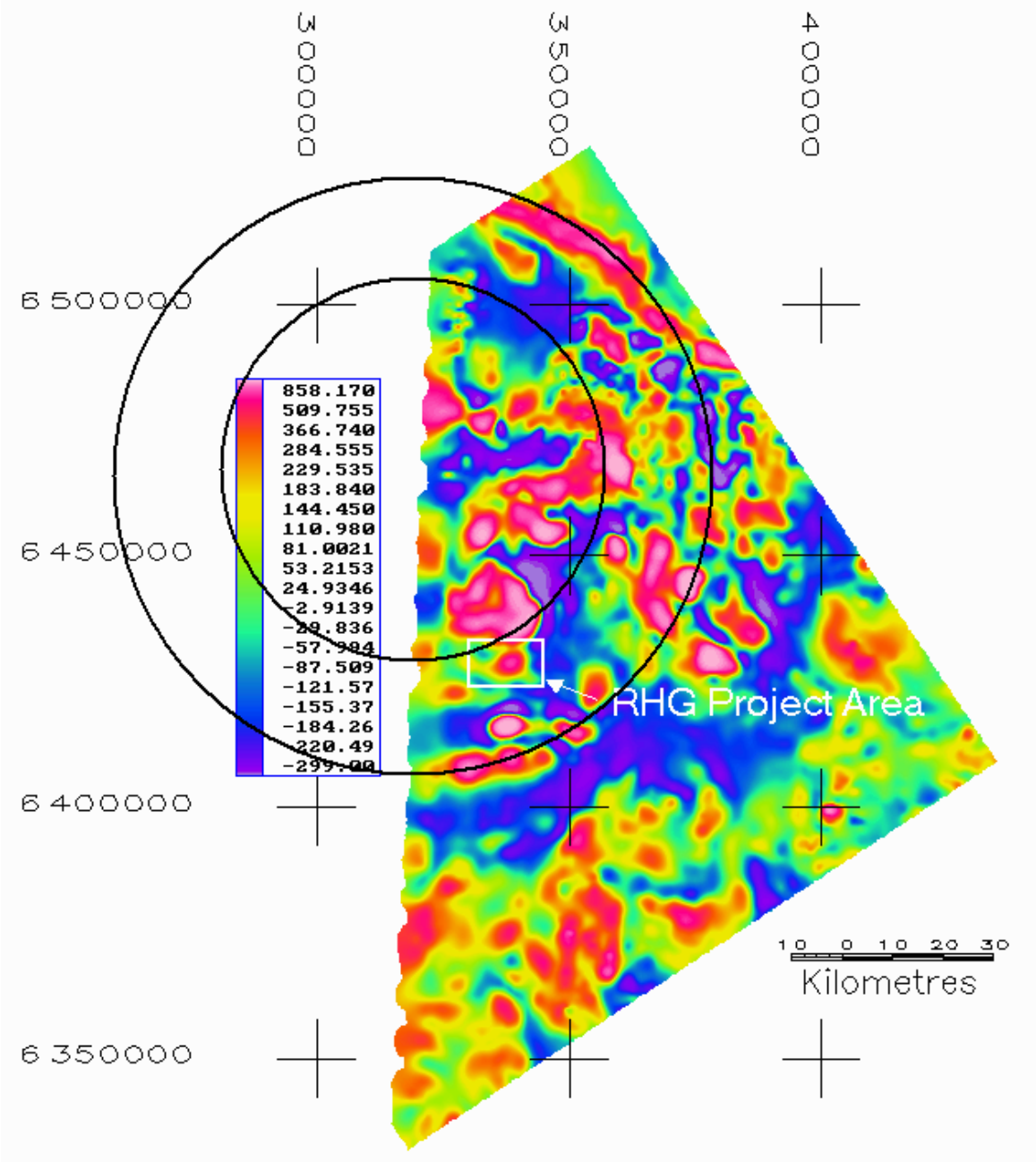


Figure 1: Government Airborne Magnetic Data – RHG Project Claims ~ 14 km x 9 km outlined in white. Regional circular magnetic patterns evident.

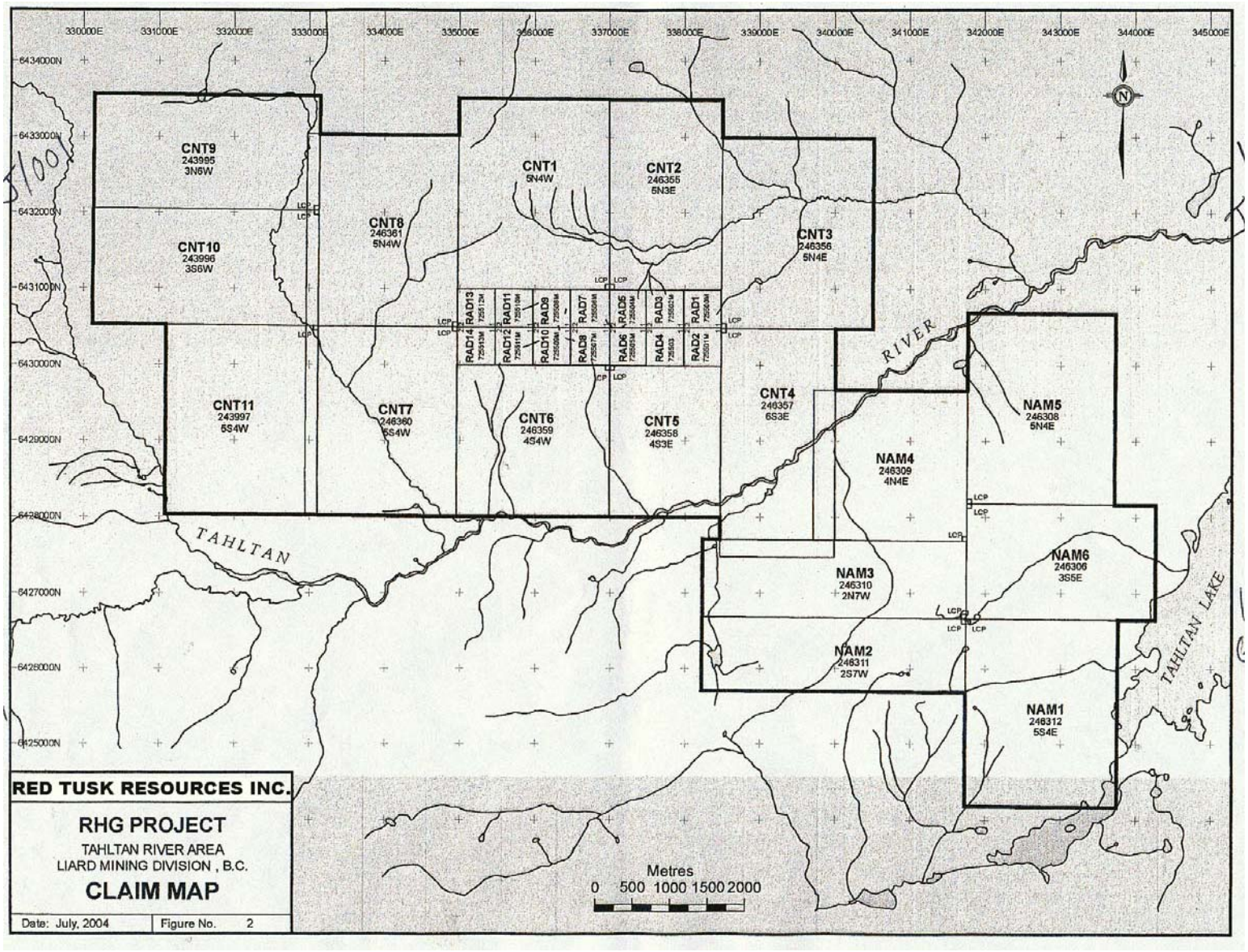


Figure 2: RHG Project Claim Map – Map Area as outlined on Figure 1

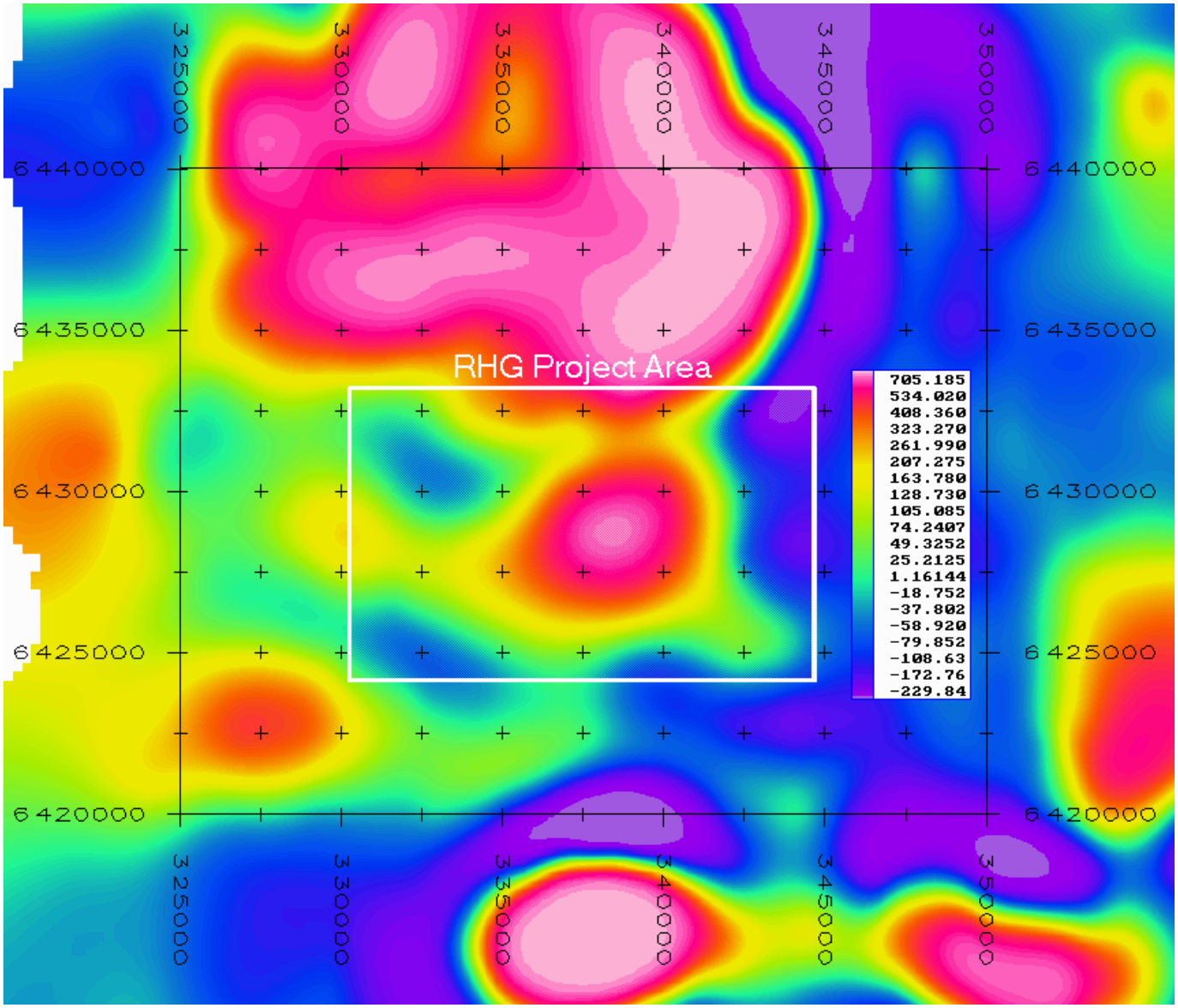


Figure 3: Residual Magnetic Field Intensity – RHG Claims Area

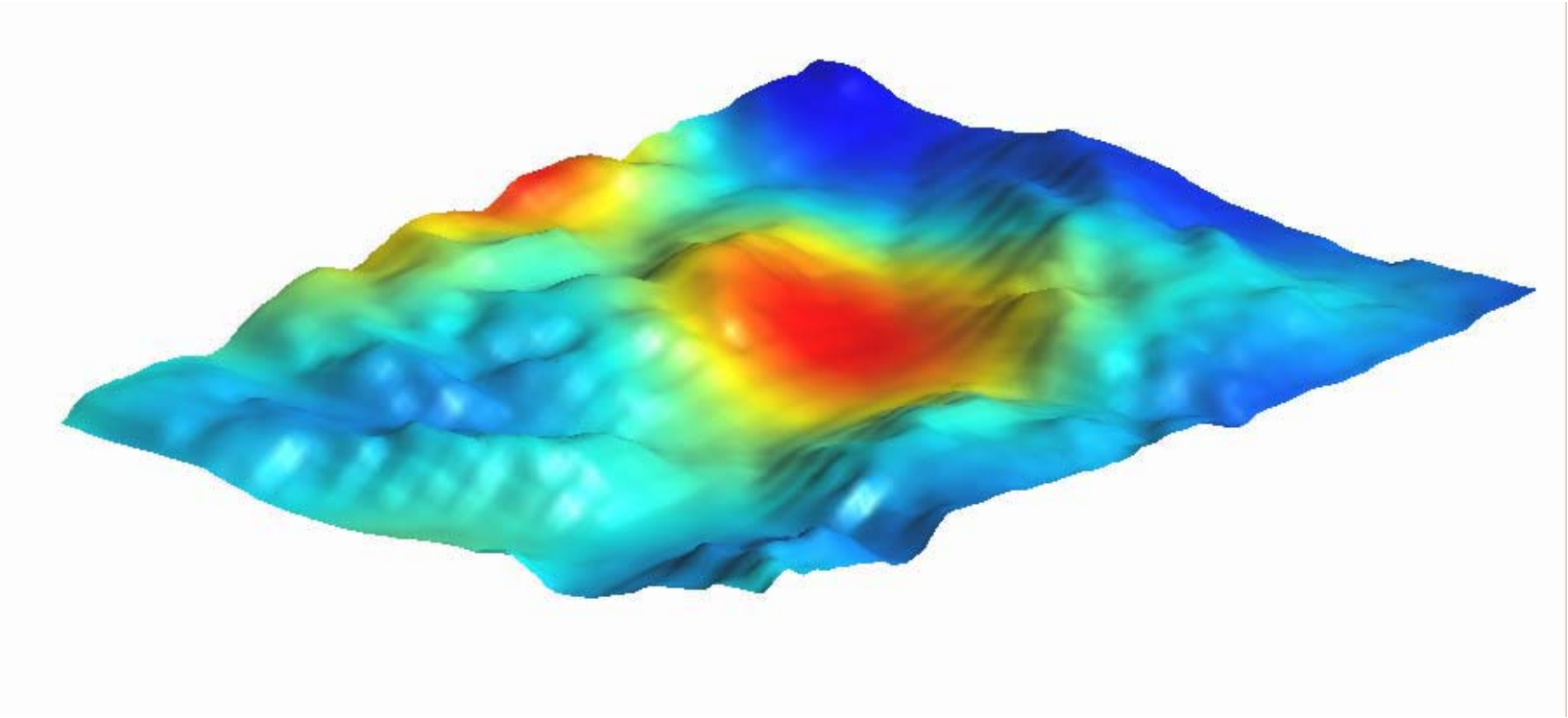


Figure 4: Residual Magnetic Field Intensity Draped over Topography. 3-D Perspective view from SW

Figure 2 above shows the claim outlines for the RHG Project.

Figure 3 above shows a more detailed view of the airborne magnetic data across the project area. The rectangular outline covers the claim map shown as figure 2 as well as the data extracted for input to the 3-D inversion program.

Figure 4 above is a 3D perspective plot that shows the magnetic data draped over the topography as extracted from the B.C. government trim maps. The central magnetic high crosses the Tahltan River valley and appears to be centred on claims CNT5 and CNT4, immediately north of the Tahltan River. The strong magnetic high along the northern edge of the study area outlines the southern edge of the much larger magnetic feature to the north.

The government airborne magnetic and topographic data were combined and used as input for the UBC GIF 3D magnetic inversion program. This program calculates a 3-dimensional model, based on varying magnetic susceptibilities in the subsurface, that would produce the magnetic measurements recorded, in this case by the airborne survey. It must be kept in mind that there is no unique solution to this type of problem. An anomaly of a specific magnetic amplitude might be generated from a small, near surface body or from a larger, deeper body. Additional information (geology, drilling, etc.) is often useful in setting limits and restrictions to guide the inversion process towards a geologically sound interpretation.

As a 3-dimensional technique, it is most useful to examine the solutions in a 3-D viewer, where the model can be rotated, cut and sliced and viewed from different angles. We have provided such a viewer with the solution files on CD. The images included below are snapshots from that viewing program and were selected to illustrate the features discussed below.

A 3-D mesh was constructed with individual cell dimensions of 100m east by 100m north by 50m deep. Excluding padding cells (which were used to shift edge effects away from the area of interest, then later removed from the solution) the block model is some 16.7 km east-west x 11.6 km N-S and 5.0 km thick. Coordinates within this block are registered to the UTM coordinates provided with the airborne data (NAD 83 zone 9N) and absolute elevation (metres above mean sea level).

The nature of the survey (high altitude airborne) and subsequent gridding processes have effectively acted as a low pass filter. Consequently, the data can only be used to evaluate the large scale, regional trends. Detailed, near surface geological features that would undoubtedly be evident in a ground based survey cannot be interpreted from this data.

The inversion solution suggests the elliptical magnetic high near the center of the claim group is generated from a large, domed shaped intrusive type body directly below the anomaly. The shape of the magnetic anomaly closely mirrors the shape of the source, which appears to be buried at a depth of approximately 1100 metres below the valley bottom. Figures 6a and 6b below show longitudinal and transverse cross-sections through the model. The high susceptibility body along the northern edge of the inversion block (seen on figure 6b) is likely real but is based on only a partially defined response. Consequently the attributes (location, depth, dip) shown are considered unreliable in this study.

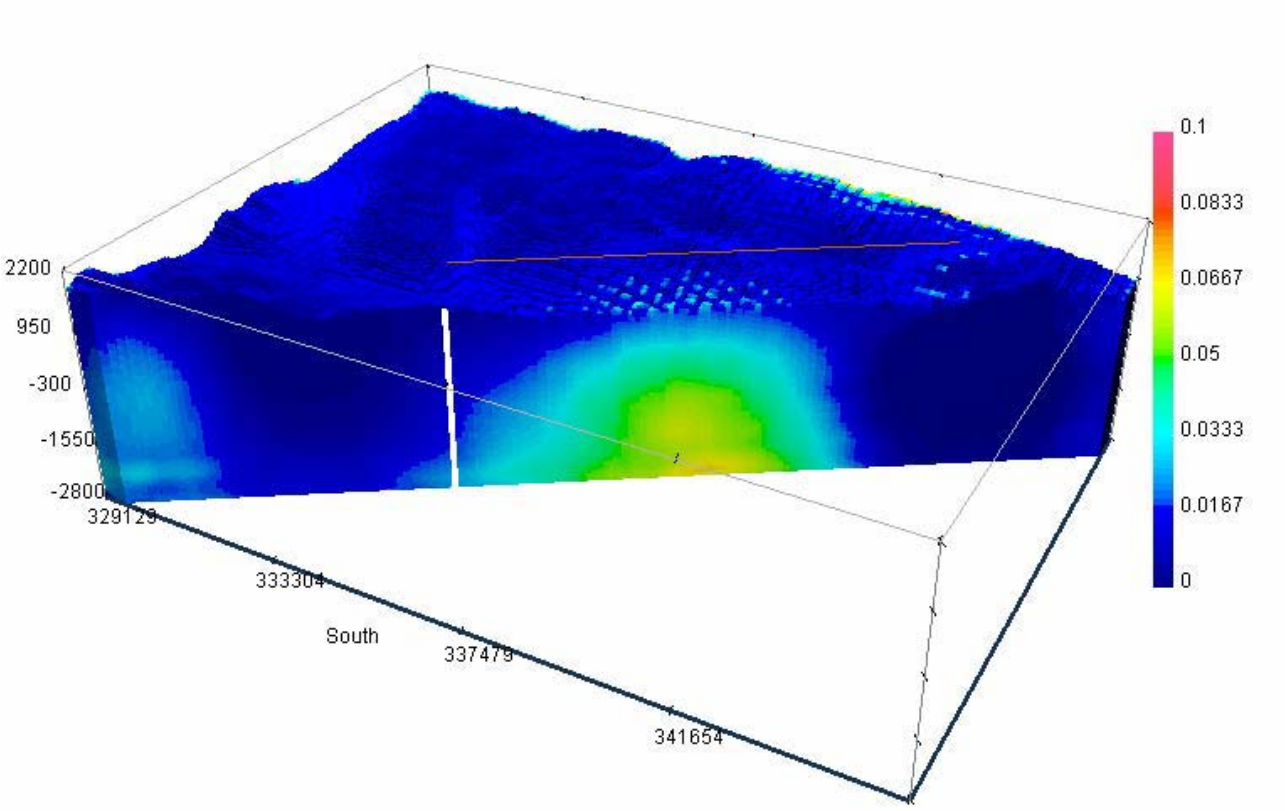


Figure 6a – Longitudinal cross-section (SW-NE) through inversion block

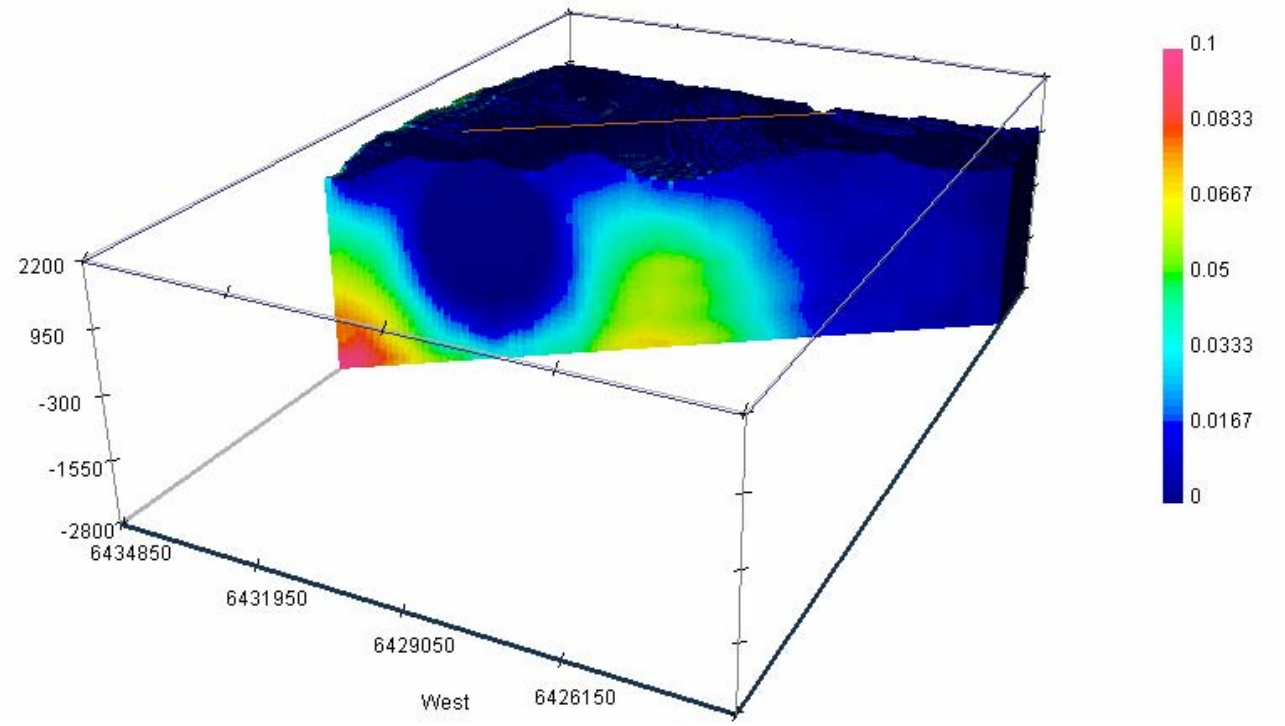


Figure 6b – Transverse cross-section (NW-SE) through inversion block

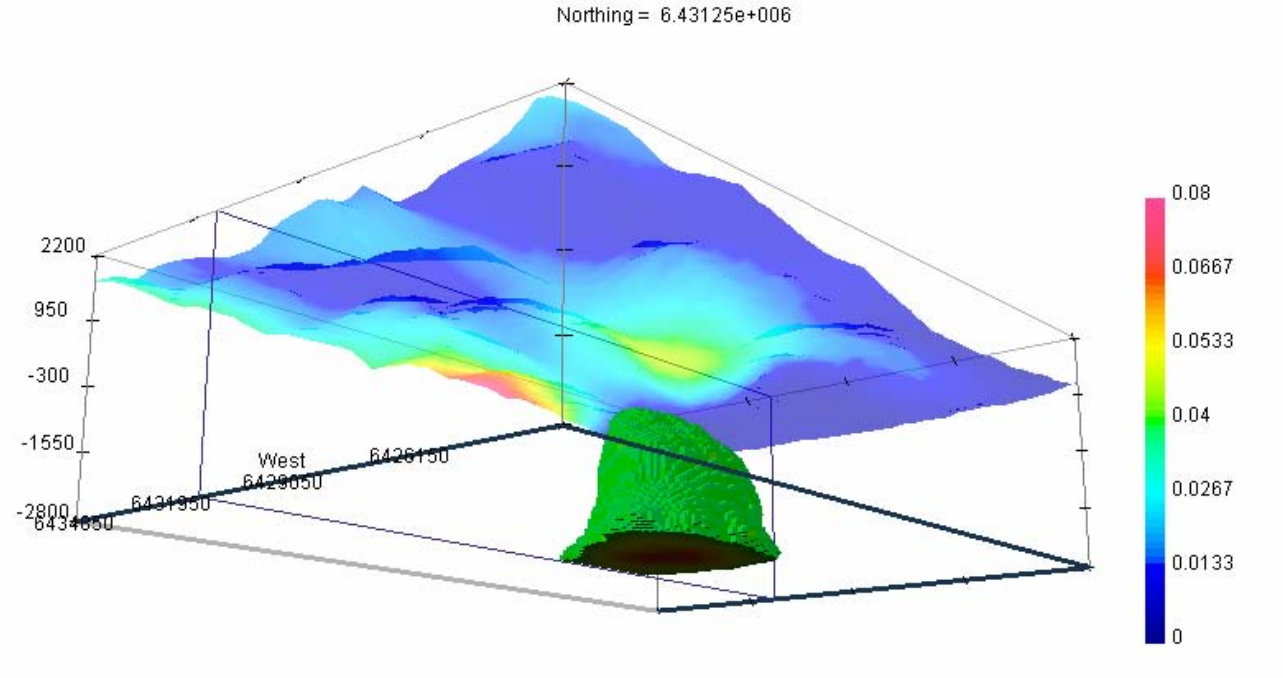


Figure 7a- Cutoff view of solution, view from SW – observed data draped over topo surface.

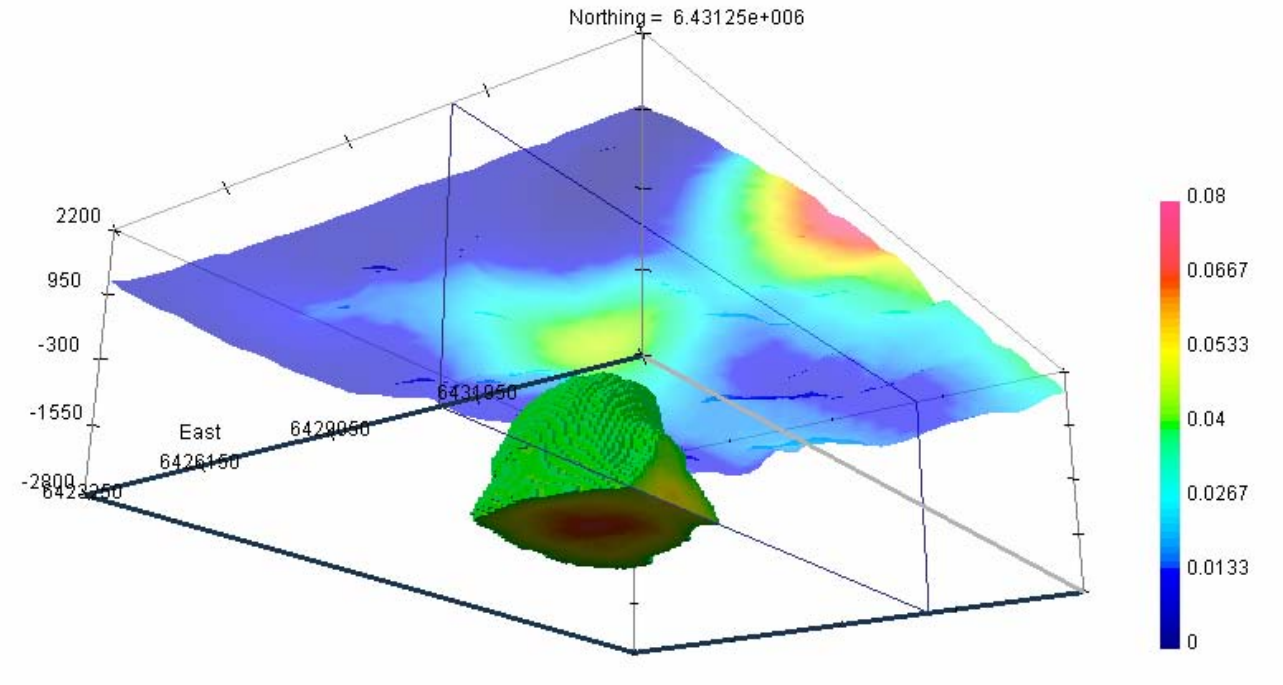


Figure 7b- Cutoff view of solution, view from NE – observed data draped over topo surface.

Figures 7a and 7b are 3-D images generated by cutting away the lower susceptibility material to reveal the central core of the interpreted source body. The portion of the solution attributed to the partially defined magnetic response at the northern edge of the data block has been removed from these displays.

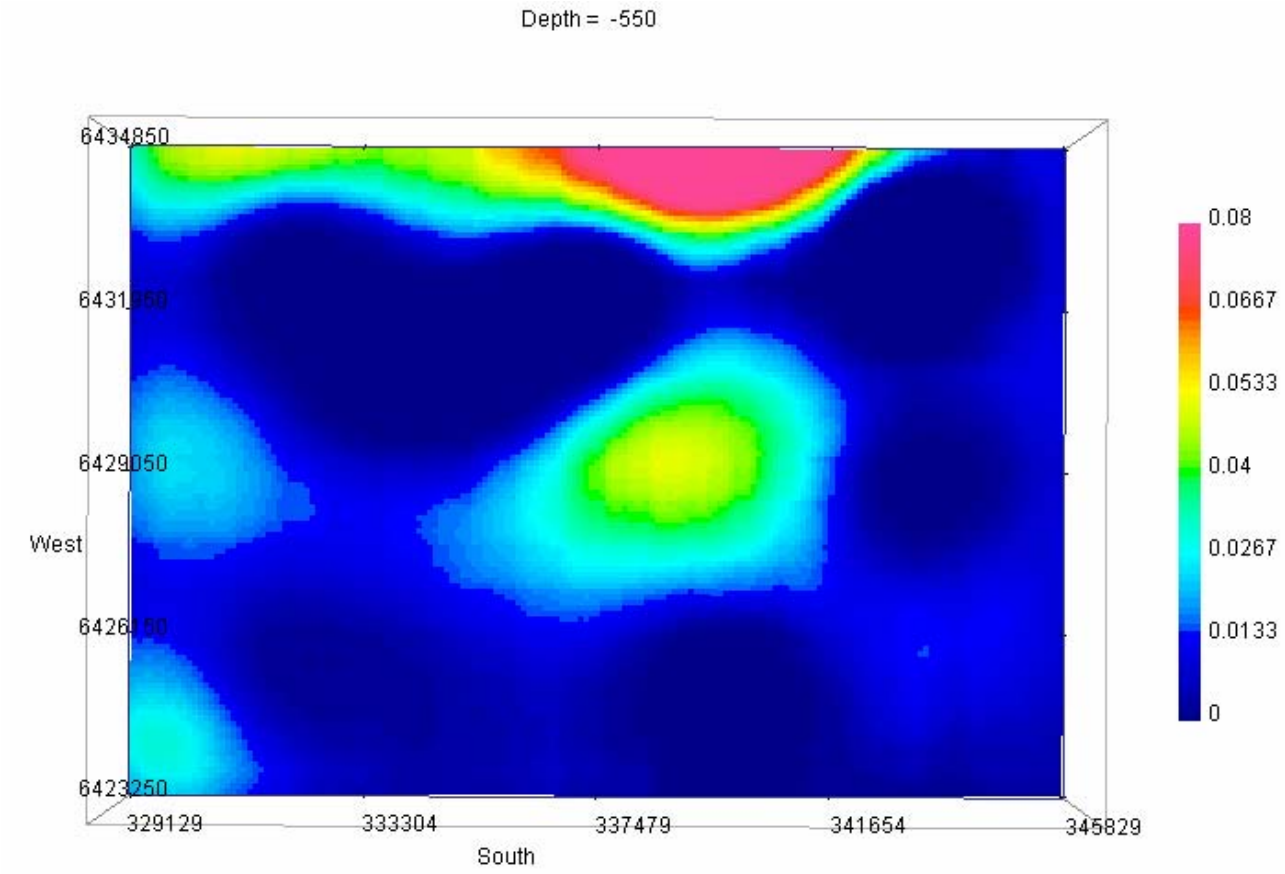


Figure 8 – Inversion solution - View from top at 1.5 km below valley bottom

There are several other regional features evident in the inversion solution. Figure 8 above shows the inversion solution viewed from above looking at a depth of ~ 1500 metres below the valley bottom. The NW and southern edges of the interpreted intrusion appear to be quite linear and possibly controlled by structures (faulting). There also appears to be evidence of other deep high susceptibility units along the western and southwestern edges of the inversion block. Like the strong magnetic high at the northern edge of the block, these later features are not fully de-lineated by the input data therefore the attributes of the solutions presented here are considered unreliable.

Recommendations

Due to the nature of the input data, this study has focused on large and deep, regional magnetic features. While the local variations in the near surface rocks might exhibit different structural features and orientations, it is reasonable to assume that the dominant trends will be

controlled by the deeper, underlying structures. Consequently, future ground surveying should be configured with grid lines running perpendicular to the expected geological strike of these deep features.

There are a number of trend orientations evident in the magnetic data and no single line orientation will be ideal for all situations. It is recommended that survey lines be established north-south across the RHG Project Area as outlined on Figure 3. This will provide the optimum intersection angle for both the main, east-west structural trend and the expected changes in over-burden characteristics across the Tahltan River valley. This orientation should also be adequate for resolving the possible NE striking fault suggested by the magnetic inversion. The N-S survey grid should be complimented by E-W tie lines. These will be crucial along the eastern edge of the deep intrusion where related structures might trend north-south.

Line and station intervals will depend on the size of the exploration target. Historically, reconnaissance style survey grids in this environment are commonly established with lines spaced on 100 to 200 metre centres and flagged with stations at 25 to 50 metre intervals. Tie lines should be established at 1000 to 2000 metre intervals.

Respectfully submitted
per S.J.V. Consultants Ltd.

E. Trent Pezzot, B.Sc., P.Geo.
Geology, Geophysics

Appendix 5.

Statement of Expenditures

Red Tusk Resources Inc. – RHG Property

STATEMENT OF EXPENDITURES (2005)

June 13 - December 16, 2005

Wages / Personnel		
G. Nicholson	13 days @ $385/day	$ 5,005.00
D. Deering	7.5 days @ $325/day	2,437.50
B. Vallee*	44 days @ $286/day	12,584.00
M. Mulberry*	28 days @ $312/day	8,736.00
B. McMichael*	3 days @ $213.20/day	639.60
G. Woloshyn*	19 days @ $234/day	4,446.00
S. Turgeon*	37 days @ $286/day	10,582.00
I. Somers	3 days @ $275/day	825.00
R. Krause	1 day @ $385/day	385.00
G. MacNaughton*	18 days @ $130/day	2,340.00
R. Belanger*	8 days @ $286/day	2,288.00
G. Barton	8 days @ $275/day	2,200.00
R. Simpson*	2 days @ $312/day	624.00
C. McMillan	8 days @ $175/day	1,400.00
W. Raven	10 days @ $400/day	4,000.00
Subtotal		**$ 58,492.10**
(Note: * daily rate includes 4% Vacation pay)		
Management Fee @ 10%		5,811.98
C. Ikona	1 day @ $600/day	600.00
Equipment Rental		
(2) 4x4 Truck	2 x 53 days @ $90/day	$9,360.00
(1) Tandem Trailer	1 week @ $250/day	250.00
Camp and Supplies		3,500.00
Handheld Radios and Satellite Phone		5,500.00
Office, Overhead, Computers, GPS		3,000.00
Subtotal		**$ 86,514.08**
GST @ 7%		6,590.97
EIC, CPP, WCB Shortfall		5,812.50
Subtotal		**$ 98,917.55**

... continued

...continued from Page 1

Expenses		
Nicholson (lumber, misc. field supplies)		$22,550.04
Krause		2,962.83
Vallee		3,424.22
Deering		2,562.97
Barton		3,105.29
Mulberry		3,041.86
McMillan		881.52
Belanger		87.75
D. Deering (Petro Canada – gasoline)		512.28
G. Nicholson (Petro Canada + Chevron Bulk fuels)		4,634.68
SuperValu (food)		7,094.23
Ikona		80.67
Subtotal		**$ 149,855.89**
Contract Services		
ALS Chemex	35 rocks	1,019.46
	985 soils	23,929.63
Geodrafting Services Ltd. (map preparation)		5,565.19
Coureur des Bois (camp construction and rental) inv. #876		22,284.79
Coureur des Bois (camp construction and rental) inv. #1006		24,933.37
Geophysical Surveys (SJ Geophysics)		
Magnetic data review and modeling, inv. # 4376 and 5438		3,699.53
IP Survey inv. # 5334, 5339, and 5600		86,806.21
Fixed Wing (mob camp, gear, crews)	BC-Yukon Air Service	11,851.32
Helicopter (incl. Fuel) 28.1 hours		47,862.92
Subtotal		**$ 377,808.31**
Total 2005 Exploration Expenditures		**$ 377,808.31**