

Amended

GEOCHEMICAL REPORT

ON AN

MMI SOIL GEOCHEMISTRY SURVEY

OVER THE

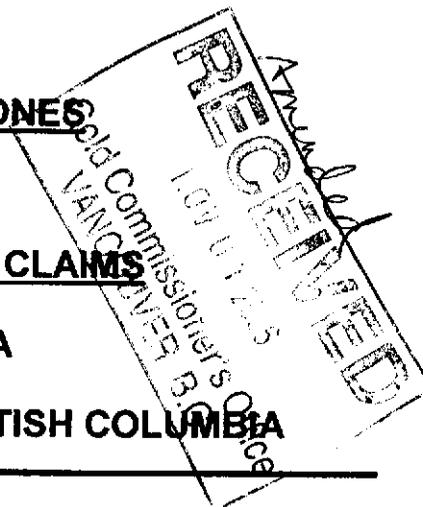
ICE LAKE and SNOW ZONES

WITHIN THE

BEATON GROUP MINERAL CLAIMS

AFTON MINES AREA

KAMLOOPS MINING DIVISION, BRITISH COLUMBIA



LOCATED:

17 km due west of the city of Kamloops
50° 40' North Latitude, and 120° 36' West Longitude
NTS: 92I/10E

WRITTEN FOR:

**GREEN VALLEY MINE INCORPORATED
LAKEWOOD MINING CO. LTD.**
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WRITTEN BY:

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DATED:

April 6, 2006
**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**



28,238



GEOTRONICS

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SUMMARY

MMI (mobile metal ion) soil sampling along with grid emplacement was carried out during the exploration season of 2005 within a grid area emplaced within the western part of the property. The work covered the Snow Zone, which occurs within the western part of the Beaton 2 Claim, and the Ice Lake Zone which occurs on the eastern part of the boundary between the Beaton 1 and 2 claims. The Beaton Claim Group is located on Beaton Creek about 4 km west of the Afton Mine within the Kamloops Mining Division of B.C.

The main purpose of the soil sampling was to locate mineralization similar to that of the nearby Afton Mine, which occurs within the Iron Mask intrusive, as well as to locate any other possible deposits that may occur within other rock types. The Afton mineralization consists of disseminated native copper and copper sulphides as well as other disseminated sulphides with associated gold, silver, and palladium values. The more specific purpose was to follow up on MMI soil sample anomalies as well as an airborne gamma ray spectrometry survey and magnetic survey anomalies.

The MMI survey consisted of 198 samples. These were bagged and sent to SGS Laboratories in Toronto, Ontario for analysis where they were tested for 38 elements. The results for five of these, namely, gold, silver, copper, cobalt, and nickel, were divided by their respected mean background values to obtain a value called a response ratio. Stacked histograms were then made for each survey line and contour plans were also made for each of the metals.

CONCLUSIONS

1. The mean background level is unusually high within the survey area for gold and copper. This is indicative that the underlying rock-types contain higher than normal amounts of gold and copper and that it is more likely that gold and copper mineralization occurs within the area.
2. The MMI soil sampling revealed several anomalies within the grid area. However, the nature of the survey is reconnaissance and thus it is somewhat difficult to connect anomalies of one line with that of the other because of the large separation between the survey lines. Nevertheless, it was attempted resulting in five anomalous responses, which have been labeled by the upper case letters 'A' to 'E'.
3. Anomaly 'A' is considered to be the most promising because it has high gold values with consistent width. This anomaly strikes northerly across the whole grid area and thus has a minimum strike length of 1,750 meters with a width up to 100 meters. It is anomalous in gold, silver, copper, cobalt, and nickel. The nickel may indicate that the host rock-type is a basic or ultra basic rock-type.
4. Anomaly 'B' occurs 300 to 450 meters to the east of 'A' striking in a northerly direction as well. It has a minimum strike length of 950 meters and a width of 300 to 600 meters. It is anomalous in gold, silver, and copper. The low nickel response suggests that the underlying rock-type may not be basic or ultra basic.
5. Anomalies 'C', 'D', and 'E' occur on only one line since in the respective areas, no survey lines occur to the north or south. They are mainly anomalous in gold, silver, and copper.

RECOMMENDATIONS

1. The MMI sampling should be continued but in a more detailed manner, preferably every 25 meters on lines 100 meters apart. This will help determine the true trends of the various anomalous responses on the different survey lines. The sampling should fill in the spacing of the current lines as well as be extended to the north of line 1000N, to the south of line 750S and to the west of the grid area. However, if the expense of MMI sampling precludes this at this time, then a reasonable option would be to carry out sampling on 200-meter spaced lines with samples picked up every 50 meters, which is the current sampling interval.
2. Induced polarization and resistivity surveying should be carried out across the various anomalous responses, especially those along line 200N. Geophysical surveying such as this will help determine depths as well as help define drill targets.

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KAMLOOPS MINING DIVISION, BRITISH COLUMBIA

INTRODUCTION AND GENERAL REMARKS

This report discusses survey procedure, compilation of data, interpretation methods, and the results of a mobile metal ion (MMI) survey carried out over the Ice Lake Zone and the Snow Zone occurring within the Beaton Group Mineral Claims belonging to Lakewood Mining Co. Ltd. and Green Valley Mine Incorporated. The property is located on Beaton Creek about 4 km west of the Afton Mine within the Kamloops Mining Division, British Columbia.

The MMI survey was carried out by a Geotronics crew of two men, under supervision of the writer, during the exploration season of 2005.

The general purpose of exploration on this property is to locate sulphide mineralization similar to that of the nearby Afton Mine, which occurs within the Iron Mask intrusive, as well as to locate any other possible deposits that may occur within the Nicola volcanics. The Afton mineralization consists of disseminated native copper and copper sulphides as well as other disseminated sulphides with associated gold, silver, and palladium values.

MMI stands for mobile metal ions and describes ions, which have moved in the weathering zone and that are weakly or loosely attached to surface soil particles. MMI, which requires special sampling and testing techniques, are particularly useful in responding to mineralization at depth probably in excess of 700 meters. It also is not affected by glacial till, while standard soil sample techniques are. MMI is characterized in having a high signal to noise ratio and therefore can provide accurate drill targets. However, it may also move along

fault lines and therefore could show the causative source to be laterally moved from where it actually is.

PROPERTY AND OWNERSHIP

The Beaton Group is comprised of 10 mineral claims covering a total area of 2,136.691 hectares described as follows and as shown on the Claim Map, fig. 2.

Claim Name	Tenure #	Expiry Date	No. Units	Area (ha)
Beaton 1	217820	June 15, 2012	20	500
Beaton 2	217821	June 15, 2012	20	500
Snow 1	385243	March 21, 2012	1	25
Snow 2	385244	March 21, 2012	1	25
Snow 3	385245	March 21, 2012	1	25
Snow 4	385246	March 21, 2012	1	25
Randy	390907	November 09, 2006*	12	300
Jeff	390908	November 15, 2006*	18	450
Beaton 3	519883	September 13, 2011*		184.3
Beaton 4	519968	September 14, 2011*		102.391

*The expiry date for the these claims assumes the assessment work that this report describes will be accepted for assessment credits

The Beaton 1, 3, and 4 claims are owned by Lakewood Mining Co. Ltd, while the Beaton 2 and Snow 1 - 4 claims are owned by Green Valley Mine Incorporated. Both companies are located in Langley, British Columbia. The Randy and Jeff claims are owned by private individuals associated with the two companies.

LOCATION AND ACCESS

The Beaton Claim Group is located 17 km due west of the city of downtown Kamloops on the northern slope of Greenstone Mountain.

The geographical coordinates for the center of the property are 50° 40' north latitude and 120° 36' west longitude with the UTM coordinates being 5616500 m N and 670000 m E. The NTS index is 92I/10E, and the BCGS index is 92I067.

Access is gained by traveling about 19 km west from downtown Kamloops along the Trans Canada Highway to a turnoff that runs southerly. About 3 km southerly and then westerly

along this road, which is gravel, is the eastern boundary of the Beaton 2 Claim. The total road distance from Kamloops is 22 km. Roads varying from gravel to dirt occur throughout the Beaton Claims giving it excellent access for any 4-wheel drive vehicle.

PHYSIOGRAPHY

The Beaton Group is found within the Thomson Plateau, which is a physiographic unit of the Interior Plateau System. The Thomson Plateau consists of gently rolling upland of low relief for the most part. On the Beaton Claim the elevations vary from 500 meters (1600 feet) along the northern edge of the Beaton 1 claim at Cherry Creek to 1,430 meters (4,700 feet) at the southwestern corner of the Rose #5 Claim. Steep to moderate slopes to gently rolling hills with variable soil cover blanket much of the property. The steep slopes occur mostly within the southern part of the property.

The main water sources are Beaton Creek, which flows northerly through the western portion of the claims, and Pendleton Creek, which flows northerly through the eastern portion of the claims. Also a small lake, called Ice Lake, occurs within the southeastern part of the Beaton #1 Claim.

Tree cover is generally that of open forest with grasslands as well as some thick second growth.

Glaciers occupied the Thomson Plateau and thus much of the claim area is covered by glacial drift, which can become quite deep over the flatter areas.

The climate in the Kamloops area is semi-arid, and thus the precipitation is low, about 25 to 28 centimeters (10 to 11 inches). Temperatures vary from the high extreme in summer of around 40°C to the low in winter of around -30°C, though the usual temperature during the summer days would be 15°C to 25°C and that in winter would be -10°C to 5°C.

PREVIOUS WORK

Work was done on the property during and after the Afton staking rush of the '70's. It consisted mainly of magnetic, IP, and resistivity survey work.

Since the property was staked, the main work of interest has been MMI soil sampling carried out over two grids during 1999 and 2000. The one grid covers the Ice Lake Zone and consists of 117 samples and the second grid covers the Snow Zone (with one line extending to the Power Line Zone) and consists of 270 samples. The samples were tested for copper, zinc, cadmium, lead, gold, cobalt, nickel, palladium, and silver. This resulted in soil anomalies mainly in copper, gold, palladium, and silver on the Ice Lake Zone, and copper, gold, silver, palladium, nickel, and zinc on the Snow Zone.

In 2001, Robert Shives, a geophysicist and head of the Radiation Geophysics Section of the Geological Survey of Canada (GSC), prepared a geophysical interpretive report on the Ice

Lake Zone on airborne gamma ray spectrometry and magnetic surveys that were carried out by the GSC in 1993. He noted that the Ice Lake Zone had a geophysical signature (a thorium/potassium ratio low adjacent to a magnetic high) very similar to that of the Afton deposit and as a result recommended five drill holes. One of these holes was drilled in 2002 at (0+00, 325N) and was labeled BC2-02-01. It encountered visible pyrite up to 10% with minor copper and nickel values.

The second diamond drill hole, BC2-02-02, was put down in 2002 on the Snow Zone MMI anomaly close to (0+00, 1500S), and encountered minor mineralization. This hole was then subsequently downhole logged during the same year with IP and resistivity survey instrumentation. The results were inconclusive.

In 2003, 4,800 meters of IP and resistivity surveying was carried out. Two 1600-meter lines were done over the Snow Zone and one 1600-meter line was done over the Ice Lake. The IP and resistivity surveys revealed positive results on the Snow Zone that correlate with MMI soil sample anomalies as well as with diamond drilling that has been done. The resistivity survey revealed a resistivity low that is attributed to picrite. Picrite occurs in near proximity to the Afton mineralization. Also elevated and anomalous values in the IP readings correlate with MMI soil anomalies in copper, gold, silver, and palladium indicating that sulphides of economic interest are the causative source of the IP high.

The IP and resistivity survey line over the Ice Lake Zone revealed elevated IP readings over much of the pseudosection indicating a rock-type with an elevated amount of sulphides, perhaps an intrusive. Anomalous IP readings also occur within a lineal-shaped resistivity high indicating an intrusive dyke that is mineralized with sulphides.

GEOLOGY

The oldest rocks of the area are those on the property being of the Nicola Group, which is of Upper Triassic Age. The rock types composing this group are greenstone, andesite, basalt, agglomerate, breccia, tuff, minor argillite, limestone and conglomerate.

The next rock group in decreasing age sequence is the Jurassic Coast Intrusives that outcrop throughout the Nicola volcanics. The rock types are granite, granodiorite, and gabbro; or syenite, monzonite, diorite, and gabbro of the Iron Mask Batholith. The Iron Mask Batholith trends northwesterly across the northeastern part of the property.

The Tertiary volcanics, mainly basalt, of the Kamloops Group are the youngest rocks occurring on the property

Mineralization

The many copper occurrences in the general area are found both within the Iron Mask Batholith and the older, intruded Nicola rocks close to the batholith. Generally, they occur

with veins, impregnations, stockworks, and mineralized shear zones in the country rock with the principle copper minerals being chalcopyrite and bornite as well as some chalcocite, cuprite, azurite and malachite. Additional minerals that often occur with the copper are magnetite and pyrite. There have been shipments of ore, though small, from many of the prospects. The largest producer of these was the Iron Mask Mine, which shipped a total of 189,230 tons of ore. Another small producer was the Copper King, located about two kilometers north of the Beaton #1 Claim. Its values ran about 4.4 % copper and 0.8 oz/ton gold.

The area became the center of one of the hottest staking rushes in Canada when significant mineralization was discovered on the Afton property in the early '70's. Eventually, the discovery became an ore deposit that was mined from 1977 to 1988 by Teck. At the beginning of production, Afton had drill-proven ore reserves of 30.84 million tonnes grading 1.0% copper, 0.58 ppm gold, and 4.19 ppm silver. The main mineral form was native copper and chalcocite with minor covellite and chalcopyrite found within an intrusive breccia at the contact of the Nicola volcanics. The pit is located about 4 km east of the Beaton #2 Claim.

Currently, DRC Resources have discovered a new mineral body that has a combined size of measured and estimated 68.7 million tonnes, grading 1.68% copper equivalent using copper at \$0.85/lb, gold at \$375/oz, silver at \$5.25/oz, and palladium at \$200/oz, all US prices. The mineralization occurs below the old Afton Pit and extends in a southwesterly direction for over 1000 meters.

Known mineralization on the Beaton Claim Group to date has been encountered through the diamond drilling. Hole # BC2-02-01 encountered 30 meters of disseminated pyrite, up to 10%, with minor copper and nickel values. Hole # BC2-02-02 encountered visible chalcopyrite throughout a diorite porphyry, probably of the Sugar Loaf Intrusive. Laurence Stephenson, P.Eng, who reported on the results, stated "Most significantly 4 zones (all sample lengths were 5 meter) were anomalous in gold and silver reporting 360 ppb gold and 0.5 ppm silver; 800 ppb gold and 0.4 ppm silver (434 ppm copper); 720 ppb gold and 0.2 ppm silver; and 1.08 grams gold and 1.0 ppm silver."

MMI SOIL SAMPLING

(a) Sampling Procedure

The base line for the grid was placed along the western north-south boundary of the Beaton 1 and Beaton 2 claims and was labeled 000 (E or W). The east-west boundary between these two claims was then labeled as 000(N or S).

The survey lines were emplaced while the sampling was being carried out by blazing trees and by blaze orange flagging. The sample spots were marked by a 60 cm wooden picket with an aluminum tag stapled to it and the grid coordinates marked thereon.

The soil sampling was done on the following lines and to the following lengths with samples being picked up every 50 meters.

MAIN TARGET ZONE	LINE NUMBER	SURVEY STATIONS	SURVEY LENGTH	NUMBER SAMPLES	FIGURE NUMBER
Ice Lake	1000N	600W – 300E	900 m	19	1
Ice Lake	400N	500W – 800E	1,300 m	27	2
Ice Lake	200N	500W – 2700E	3,200 m	65	3
Ice Lake	200S	0 – 800E	800	17	4
Ice Lake	300S	600E – 2100E	1,500 m	31	5
Snow	750S	500W – 1400E	1,900 m	39	6

The total amount of MMI sampling totaled 198 samples along 9,600 meters.

The sampling procedure was to first remove the organic material from the sample site (A_0 layer) and then dig a pit over 25 cm deep with a shovel. Sample material was then scraped from the sides of the pit over the measured depth interval of 10 centimeters to 25 centimeters. About 250 grams of sample material was collected and then placed into a plastic Zip-loc sandwich bag with the sample location marked thereon. The 111 samples were then packaged and sent to SGS Minerals located at 1885 Leslie Street, Toronto, Ontario. (This is only one of two labs in the world that do MMI analysis, the other being in Perth, Australia where the MMI method was developed.)

(b) Analytical Methods

At SGS Minerals, the testing procedure begins with weighing 50 grams of the sample into a plastic vial fitted with a screw cap. Next is added 50 ml of the MMI-M solution to the sample, which is then placed in trays and put into a shaker for 20 minutes. (The MMI-M solution is a neutral mixture of reagents that are used to detach loosely bound ions of any of the 38 elements from the soil substrate and formulated to keep the ions in solution.) These are allowed to sit overnight and subsequently centrifuged for 10 minutes. The solution is then diluted 20 times for a total dilution factor of 200 times and then transferred into plastic test tubes, which are then analyzed on ICP-MS instruments.

Results from the instruments for the 38 elements are processed automatically, loaded into the LIMS (laboratory information management system which is computer software used by laboratories) where the quality control parameters are checked before final reporting.

(c) **Compilation of Data**

Five elements were chosen out of the 38 reported on and these were gold, silver, copper, cobalt, and nickel. The mean background value was calculated for each of the five elements and this number was then divided into the reported value to obtain a figure called the response ratio. A stacked histogram was then made for each of the six lines of samples of the response ratios as shown on figures #4 through to #9, respectively.

In addition, a plan map was made for each of the response ratios for the five metals on maps GC-1 to GC-5, respectively. On each map, the response ratio data was plotted and contoured at a logarithmic interval.

DISCUSSION OF RESULTS

The background calculated for gold and copper is unusually high. For gold it was 0.38 ppb which is four to six times that calculated for results from various MMI surveys on the nearby Wood Claim Group. This property is located about three km to the southeast and is owned by Lakewood and Green Valley. For copper, it was 1,033 ppb, which is two to four times that calculated for the various surveys on the Wood claims. The result is that the response ratios are lower for these two metals than those calculated for the Wood claims. Longer survey lines would probably result in a lower background and thus higher response ratios.

The high backgrounds indicate that the underlying rock-types contain high amounts of copper and gold relative to the surrounding area and thus suggest that the area is prime for copper and gold mineralization.

The MMI sampling has revealed anomalous results throughout the grid area. However, due to the reconnaissance nature of the survey, it is difficult to determine trends in the anomalous responses. This is especially true considering that the survey lines are up to 600 meters apart and consisting of a station spacing of 50 meters. This tends to bias the contouring perpendicular to the survey line direction which in this case is north-south. Thus the bias direction of the anomaly could be wrong and it thus may be some other direction. In other words, with a closer spacing the anomalies on one line may connect differently with those of the adjacent line than those suggested by this reconnaissance survey.

Four anomalous responses have been labeled by the upper case letters 'A' to 'D' on the histograms.

Anomaly A is the best gold response because of its consistency and strength. It is centered at (200N, 300E) and appears to be part of a north-northwesterly anomalous trend that consists of anomalous values in gold, copper, cobalt, some silver and perhaps nickel. Cobalt is especially consistent across all six survey lines whereas the anomalous responses of the other metals are somewhat broken up. The resultant multi-element anomaly is a minimum 1,750

meters in length with it being open both to the south and to the north and up to 100 meters wide.

Anomaly B occurs 300 to 450 meters to the east of anomaly A and is a north-south trending anomaly that is seen on lines 750S, 300S, and 200N for a total minimum strike length of 950 meters. Its width varies from 300 meters on line 750S to 600 meters on line 200N. It is open to the north and to the south. It consists of anomalous values in gold, copper, and silver.

Anomaly C is located at the east end of line 200N and is a one-line anomaly since in this area no lines occur either to the north or to the south. It consists of anomalous values in gold silver, copper, and nickel.

Anomaly D is located at the west end of line 750S and is also a one-line anomaly since in this area no lines occur either to the north or to the south. It consists of anomalous values in gold silver, copper, and cobalt. Cobalt gives this anomaly its greatest strength.

Anomaly E is also a one-line anomaly and is located at the west end of line 1000N. This anomaly consists primarily of anomalous gold and silver values. It is not particularly strong but stands out because of the low values of the adjacent samples.

As shown on the response ratio plan map for nickel, the anomalies are shown within the western part of the survey area. Anomalous values in nickel do not necessarily indicate nickel mineralization but are often an indication of underlying basic and ultra basic rock-types. The western part of the grid is therefore probably underlain by these types of rocks, perhaps similar to those of the Iron Mask Batholith.

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GEOPHYSICIST'S CERTIFICATE

I, DAVID G. MARK, of the City of Surrey, in the Province of British Columbia, do hereby certify that:

I am registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

I am a Consulting Geophysicist of Geotronics Consulting Inc., with offices at 6204 – 125th Street, Surrey, British Columbia.

I further certify that:

1. I am a graduate of the University of British Columbia (1968) and hold a B.Sc. degree in Geophysics.
2. I have been practicing my profession for the past 38 years, and have been active in the mining industry for the past 41 years.
3. This report is compiled from data obtained from MMI soil sample surveying along with grid emplacement carried out by a crew of Geotronics Surveys headed by me over a grid within the western part of the Beaton Claim Group during the exploration season of 2005.
4. I am a director of Green Valley Mine Incorporated and in Lakewood Mining Co. Ltd., and I hold options in each company for 250,000 shares. However, I will not be receiving any interest as a result of writing this report.



David G. Mark, P. Geo.
Geophysicist

April 6, 2006

AFFIDAVIT OF EXPENSES

MMI soil sample surveying along with grid emplacement was carried out over the western portion of Beaton Claim Group, which occurs on and around Beaton Creek and on the north slope of Greenstone Mountain, located 17 km due west of the city of Kamloops, B.C, during the exploration season of 2005 to the value of the following:

MOB/DEMOB:(at cost)

Crew wages	\$400.00	
Truck rental and gas	...350.00	
Room and board	<u>100.00</u>	
TOTAL	\$850.00	\$850.00

FIELD:

MMI Sampling and Grid Emplacement,

2-man crew, all-inclusive, 10 days @ \$850/day	\$8,500.00	
Shipping costs	<u>.....430.00</u>	
TOTAL	\$8,930.00	\$8,930.00

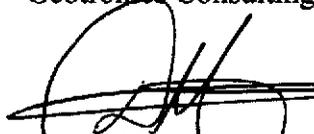
LABORATORY:

Testing of 198 samples @ \$33/sample	\$6,534.00	\$6,534.00
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DATA REDUCTION and REPORT:

Senior Geophysicist, 45 hours @ \$60/hour	\$2,700.00	-
Report compilation, photocopying, etc	200.00	
TOTAL	\$2,900.00	\$2,900.00
GRAND TOTAL		\$19,214.00

Respectfully submitted,
Geotronics Consulting Inc.


David G. Mark, P. Geo,
Geophysicist



April 6, 2006

APPENDIX – GEOCHEMISTRY DATA

ANALYTE		Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu
DETECTION(ppb)		1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5
Line 1000N														
1000N	600W	9	<10	0.6	2750	<1	1041	<10	55	22	2390	40	20	11.4
1000N	550W	7	<10	0.2	1730	<1	889	<10	148	25	3060	61	33.8	16
1000N	500W	16	<10	2.1	5640	<1	981	<10	40	32	2680	29	14.5	7.7
1000N	450W	12	<10	1.9	3930	<1	1006	<10	28	36	2480	34	18.6	7.6
1000N	400W	57	50	4.2	1820	<1	773	<10	9	71	2990	<1	<0.5	<0.5
1000N	350W	40	10	3.3	4510	<1	1068	<10	9	20	3210	6	3.4	0.7
1000N	300W	10	<10	1	3300	<1	954	<10	10	17	2440	10	5.6	1.8
1000N	250W	16	<10	0.3	5840	<1	977	<10	35	26	2410	46	23.6	12.6
1000N	200W	13	<10	0.4	300	<1	92	<10	<5	17	2400	<1	<0.5	<0.5
1000N	150W	26	<10	1.2	4480	<1	1002	<10	10	47	2510	27	14.5	5.6
1000N	100W	10	<10	0.4	3220	<1	685	10	16	18	1590	35	15.8	10.2
1000N	50W	24	<10	2	7450	<1	877	<10	19	15	2320	31	15	8.1
1000N	0	9	<10	0.1	820	<1	655	<10	<5	8	1880	<1	<0.5	<0.5
1000N	50E	12	10	2.5	3010	<1	1116	<10	<5	6	3150	<1	<0.5	<0.5
1000N	100E	29	30	5.4	6670	<1	1075	<10	<5	14	2850	1	0.7	<0.5
1000N	150E	25	20	5	6010	<1	1052	<10	12	45	3120	2	1.5	<0.5
1000N	200E	10	<10	3	8520	<1	994	10	87	91	1830	63	31.2	16.7
1000N	250E	60	20	5.1	4470	<1	886	<10	<5	43	3700	2	1.1	<0.5
1000N	300E	21	<10	2.3	6490	<1	769	<10	47	31	2780	45	23.8	10.3
Line 400N														
400N	500W	7	<10	0.9	5490	<1	889	<10	33	10	1770	52	28.3	11.6
400N	450W	11	<10	0.2	950	<1	489	<10	72	98	2120	84	44.5	18.7
400N	400W	14	<10	3.1	5500	<1	1110	<10	<5	33	2810	6	4.4	<0.5
400N	350W	9	<10	0.4	6980	<1	952	20	53	38	1380	70	39.9	12.9
400N	300W	6	<10	0.4	4210	<1	550	10	104	42	1710	147	85.7	28.4
400N	250W	20	<10	3	4040	<1	1064	10	14	68	3740	17	9.8	2.9
400N	200W	5	<10	0.05	6640	<1	1019	<10	112	37	2270	51	27.7	13.2
400N	150W	9	<10	0.1	7990	<1	812	<10	111	72	990	125	77.4	22.1
400N	100W	74	<10	4.8	3490	<1	1363	<10	6	31	3500	3	1.9	<0.5
400N	50W	26	<10	2.5	7320	<1	1108	10	18	70	2260	24	14.5	3
400N	0	8	<10	0.2	8860	<1	821	<10	186	51	1550	114	59.2	27.9
400N	50E	17	<10	3.4	6240	<1	1054	10	13	93	2740	20	12.6	2.3
400N	100E	10	<10	1.4	5380	<1	998	20	74	146	2160	37	19.1	7
400N	150E	13	<10	0.9	6000	<1	952	20	67	117	2150	52	28.7	10.4
400N	200E	9	<10	0.7	8840	<1	983	<10	98	60	2480	87	46	19.8
400N	250E	14	<10	0.9	6150	<1	1119	<10	52	39	3070	44	24.2	9
400N	300E	13	<10	1	8250	<1	1040	<10	72	94	2560	69	36.6	14.9
400N	350E	13	<10	1	5780	<1	1029	<10	33	61	2440	36	19.6	7.3
400N	400E	12	10	3.4	4150	<1	1021	<10	10	16	2800	7	4	1.2
400N	450E	5	<10	0.05	6670	<1	824	<10	382	51	820	163	102	29.5
400N	500E	3	<10	0.05	1210	<1	654	<10	30	52	630	11	5.9	2.6
400N	550E	17	<10	1.6	5640	<1	1125	10	83	87	3100	55	31.1	11.2
400N	600E	26	<10	3.2	4980	<1	1155	10	5	33	3370	5	3.3	<0.5
400N	650E	11	<10	0.6	6170	<1	1001	10	68	122	1810	51	29.1	9.6
400N	700E	12	<10	0.6	5980	<1	1112	10	60	60	2410	57	27.4	14.8
400N	750E	42	<10	3.5	4170	<1	789	<10	14	50	3300	2	1	<0.5
400N	800E	12	30	0.05	710	<1	262	<10	5	16	1450	<1	<0.5	<0.5
Line 200N														
200N	500W	15	<10	1.1	2480	<1	795	<10	15	13	2780	11	6.2	2.8
200N	450W	15	<10	1.3	5390	<1	946	<10	25	22	2910	38	19.3	8.8
200N	400W	12	<10	0.2	3900	<1	874	<10	28	12	1530	27	13.4	6
200N	350W	7	<10	0.3	2390	<1	420	<10	82	18	1090	115	59.4	27.2

ANALYTE	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu
200N 300W	11	<10	2.6	5700	<1	816	10	82	30	2160	94	46.4	21.3
200N 250W	12	<10	1.1	8630	<1	961	10	171	62	1910	157	86.7	32.7
200N 200W	25	<10	1.1	8970	<1	905	<10	120	29	2240	129	65.1	31.2
200N 150W	15	<10	0.2	6100	<1	479	<10	80	28	1570	181	96.2	42.7
200N 100W	6	<10	0.05	5580	<1	675	<10	204	43	890	118	60.3	30.1
200N 50W	13	<10	0.9	7190	<1	1081	10	165	78	1780	90	49.7	19.1
200N 0	17	<10	1.6	6210	<1	881	<10	130	35	1970	103	58.2	23.5
200N 50E	19	<10	1.1	3360	<1	696	<10	30	19	3800	28	16.3	4.3
200N 100E	12	<10	0.6	7300	<1	866	<10	111	40	1690	115	63.9	25.1
200N 150E	14	<10	2.2	6390	<1	1020	10	93	138	2770	43	23.1	9.5
200N 200E	40	<10	5.5	7000	<1	1119	10	22	94	3050	17	9.5	2.7
200N 250E	32	10	4.6	6060	<1	1118	10	34	72	3270	32	17.3	6.2
200N 300E	18	20	5.3	6350	<1	1078	<10	7	24	2730	11	6	1.9
200N 350E	38	20	3.9	5480	<1	985	10	22	36	3580	22	11.1	4.7
200N 400E	28	<10	1.5	6950	<1	876	10	146	40	2800	88	44.2	21.9
200N 450E	24	10	1.3	7110	<1	918	<10	103	47	2360	76	39.5	18.2
200N 500E	24	<10	1.4	10800	<1	1069	20	124	154	2250	102	55.3	22
200N 550E	5	<10	0.4	1020	<1	507	<10	<5	41	1790	<1	0.5	<0.5
200N 600E	18	<10	0.9	8930	<1	961	<10	111	26	2500	83	44.3	20.6
200N 650E	15	<10	0.9	9030	<1	984	10	147	40	2300	83	43.4	20.8
200N 700E	12	<10	0.3	5840	<1	1005	<10	89	39	1350	72	38.3	17.5
200N 750E	20	<10	1.2	6370	<1	961	10	141	43	2090	80	39.3	20.7
200N 800E	22	<10	0.6	7130	<1	832	10	155	22	2060	106	53.6	28.3
200N 850E	55	10	2.7	4910	<1	998	10	<5	66	4610	4	2.1	<0.5
200N 900E	30	<10	1	6850	<1	1100	20	60	84	3080	40	20.1	9.4
200N 950E	45	30	1.6	4000	<1	967	10	<5	14	4280	4	2.4	0.7
200N 1000E	52	<10	4.3	5670	<1	1054	10	7	56	4780	12	6.7	2.3
200N 1050E	18	<10	0.7	7680	<1	906	10	139	42	2340	108	53.6	28.8
200N 1100E	21	<10	0.6	5580	<1	1106	<10	49	42	3770	47	22.7	12.5
200N 1150E	14	10	0.5	4140	<1	1046	10	35	48	2520	31	16.2	7.8
200N 1200E	25	<10	0.9	4090	<1	1120	10	40	19	3490	29	14.6	7.8
200N 1250E	28	10	2.5	2960	<1	962	10	12	27	3620	18	9.1	4.4
200N 1300E	11	<10	1	4840	<1	1257	<10	70	37	3800	39	18.1	11.9
200N 1350E	42	10	2.5	6400	<1	1185	20	<5	16	4730	8	3.8	1.3
200N 1400E	35	10	1.5	4900	<1	985	<10	<5	18	4030	1	0.9	<0.5
200N 1450E	10	<10	2.4	2920	<1	1145	<10	<5	5	6600	<1	<0.5	<0.5
200N 1500E	10	<10	0.7	2180	<1	1292	<10	<5	11	2340	7	4.1	1.2
200N 1550E	6	<10	0.2	5180	<1	1245	10	56	31	1600	65	32	16.6
200N 1600E	25	20	1.6	2800	<1	1305	10	6	17	4360	11	6	2.3
200N 1650E	17	<10	1.5	6340	<1	950	10	124	35	3060	81	43.9	19.8
200N 1700E	22	10	1.1	4420	<1	1072	10	27	22	2500	38	19.1	8.9
200N 1750E	10	<10	0.5	2770	<1	1040	<10	42	13	2820	22	10.1	7.5
200N 1800E	31	10	3	5560	<1	1192	10	19	18	2870	19	9.5	4.1
200N 1850E	34	10	2.7	2010	<1	1059	<10	<5	<5	3550	<1	<0.5	<0.5
200N 1900E	33	<10	1.8	1990	<1	1058	<10	<5	8	3370	2	1	<0.5
200N 1950E	16	<10	1.1	3820	<1	1168	10	24	25	2190	25	12.3	5.8
200N 2000E	8	<10	0.3	2190	<1	1247	<10	7	5	2340	12	5.8	3.2
200N 2050E	26	<10	4.4	3870	<1	935	10	51	33	2730	43	21.1	10.9
200N 2100E	38	10	3.5	2420	<1	888	<10	<5	15	3320	<1	0.5	<0.5
200N 2150E	22	10	1.9	3060	<1	1011	10	<5	9	2970	7	3.5	1
200N 2200E	25	10	1.6	5900	<1	937	20	23	34	2690	23	12.5	4.5
200N 2250E	20	10	3.2	4750	<1	1065	<10	14	35	3350	12	6.3	2.3
200N 2300E	41	<10	3.1	4280	<1	1034	<10	6	23	3530	5	2.5	0.6
200N 2350E	42	<10	3.9	5090	<1	975	10	<5	36	3630	12	6.8	2

ANALYTE		Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu
200N	2400E	22	<10	0.6	3870	<1	751	20	56	28	2220	57	25.5	18
200N	2450E	15	<10	0.8	5170	<1	839	10	28	24	2440	25	12.4	6.4
200N	2500E	28	<10	3.5	4280	<1	968	<10	5	15	3360	7	3.7	1
200N	2550E	40	<10	3.2	3210	<1	713	<10	6	43	3890	2	0.9	<0.5
200N	2600E	27	<10	1.6	7310	<1	892	10	24	61	2660	22	12	4
200N	2650E	57	<10	4	5550	<1	695	10	11	54	4430	6	3.7	0.8
200N	2700E	36	<10	1.5	5740	<1	880	10	12	28	3400	14	7	3.3
Line 200S														
200S	0	19	<10	1.3	6950	<1	901	<10	90	59	3080	65	34.3	14.6
200S	50E	11	<10	0.3	7680	<1	801	<10	90	67	1140	151	89.4	28.6
200S	100E	24	<10	1.3	7110	<1	901	<10	145	44	2630	109	58.6	24.7
200S	150E	18	<10	1	1280	<1	338	<10	18	28	3340	13	7.6	2.2
200S	200E	15	<10	2	5850	<1	1010	<10	68	69	2400	68	37.6	14.1
200S	250E	10	<10	0.8	7060	<1	910	<10	90	86	1720	81	44.7	16.9
200S	300E	11	<10	1.1	5970	<1	960	10	79	95	2340	59	29.7	13.4
200S	350E	7	<10	0.6	8240	<1	901	<10	124	53	2210	110	63.6	22.5
200S	400E	17	<10	1.5	7720	<1	1012	<10	29	97	2340	51	31.6	8.4
200S	450E	9	<10	0.05	7300	<1	696	10	277	73	1040	147	88.8	30.5
200S	500E	18	<10	1.5	6670	<1	1012	10	143	77	1550	114	63.1	22.9
200S	550E	21	<10	1.1	1280	<1	1074	<10	<5	8	3700	1	1.1	<0.5
200S	600E	40	<10	2	5640	<1	996	<10	15	79	2020	17	9.5	2.8
200S	650E	21	<10	1	9790	<1	888	10	165	107	2010	90	54.1	17.4
200S	700E	11	<10	0.05	8600	<1	831	<10	208	52	1020	151	82	36.4
200S	750E	17	<10	0.5	3230	<1	1080	<10	76	35	5020	25	11.9	7.7
200S	800E	13	<10	0.4	5820	<1	1076	10	48	62	2470	49	24.9	10.5
Line 300S														
300S	600E	20	<10	1	4260	<1	626	<10	59	24	1640	96	60.1	18.1
300S	650E	9	<10	1.6	4890	<1	866	<10	<5	51	830	21	20.5	1.8
300S	700E	11	<10	0.3	3670	<1	943	<10	<5	84	1020	11	12.3	0.7
300S	750E	79	<10	3	1490	<1	777	<10	<5	8	2880	2	0.9	<0.5
300S	800E	24	<10	1.5	6870	<1	862	10	<5	68	1200	15	14.6	0.7
300S	850E	35	<10	2.4	5550	<1	893	10	10	74	850	28	25.5	2.6
300S	900E	35	<10	2.5	5710	<1	847	10	9	48	1960	26	20.6	2.7
300S	950E	22	<10	1.6	4220	<1	837	<10	<5	68	1080	10	11.2	<0.5
300S	1000E	27	<10	3.7	3410	<1	733	<10	<5	62	1360	13	12.6	0.8
300S	1050E	41	<10	2.8	3980	<1	885	10	<5	28	2890	3	2.7	<0.5
300S	1100E	39	<10	3.4	2280	<1	821	10	<5	33	3350	2	2.2	<0.5
300S	1150E	23	<10	2	4730	<1	795	10	<5	61	1250	10	12.8	<0.5
300S	1200E	32	<10	1.1	2130	<1	692	<10	<5	38	970	7	7.6	<0.5
300S	1250E	37	<10	1.7	4900	<1	767	<10	<5	29	1420	30	24.8	3
300S	1300E	18	<10	1	6310	<1	823	<10	17	73	700	42	36.1	4.6
300S	1350E	59	<10	5.7	2560	<1	668	<10	<5	14	1600	2	2.1	<0.5
300S	1400E	19	<10	1	6140	<1	775	<10	22	34	380	46	45.4	4.8

ANALYTE		Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu
300S	1450E	21	<10	1.5	1530	<1	638	<10	<5	34	620	4	3.6	<0.5
300S	1500E	23	<10	2.7	2350	<1	849	<10	<5	22	1840	5	5.4	<0.5
300S	1550E	11	<10	0.2	6350	<1	847	<10	25	39	480	40	31.6	5.1
300S	1600E	19	<10	1.1	4350	<1	892	<10	32	22	670	53	45.3	7.1
300S	1650E	11	<10	0.2	2710	<1	834	<10	<5	23	800	7	7	0.5
300S	1700E	11	<10	0.3	930	<1	738	<10	<5	26	1690	10	9.8	1.5
300S	1750E	26	<10	1.3	1770	<1	795	<10	<5	25	710	3	3.4	<0.5
300S	1800E	17	<10	0.6	7930	<1	933	<10	6	24	740	17	16.4	1
300S	1850E	14	<10	1.1	1470	<1	721	<10	<5	16	960	15	14	1.6
300S	1900E	24	<10	3.3	2160	<1	836	10	<5	28	1500	9	7.3	1.1
300S	1950E	37	<10	4.4	6540	<1	901	10	<5	22	2620	14	12.3	1.5
300S	2000E	19	<10	0.7	2220	<1	757	10	7	20	1540	27	16.8	4.6
300S	2050E	20	<10	0.9	2100	<1	703	10	<5	38	2500	18	10.8	3.8
300S	2100E	39	<10	2.7	7100	<1	913	10	<5	41	1740	14	11.5	1.1
Line 750S														
750S	500W	14	<10	1.3	5050	<1	878	<10	7	75	840	15	15.8	1.1
750S	450W	6	<10	0.8	4420	<1	664	<10	21	100	720	56	55.5	5.6
750S	400W	19	<10	1.7	6230	<1	817	<10	9	28	2510	17	14.9	2.1
750S	350W	15	<10	0.2	5590	<1	693	<10	19	31	590	33	22.9	4
750S	300W	23	<10	2	5140	<1	790	10	<5	121	620	22	26.1	1.3
750S	250W	24	<10	1.7	5860	<1	820	10	9	147	1370	21	21.8	1.8
750S	200W	20	<10	2.6	4440	<1	860	<10	<5	78	1700	18	19.7	1.1
750S	150W	24	<10	1.2	6630	<1	930	<10	<5	84	1420	19	19.7	1
750S	100W	45	<10	1.9	4860	<1	816	<10	<5	72	5200	5	4.2	<0.5
750S	50W	37	<10	3	2690	<1	862	<10	<5	43	3390	2	3.1	<0.5
750S	0	11	<10	0.5	7770	<1	827	<10	<5	22	950	27	24.6	2.5
750S	50E	23	<10	1.6	5390	<1	816	<10	<5	18	2740	6	6.1	<0.5
750S	100E	24	<10	3.1	4320	<1	872	10	<5	101	2230	7	8	<0.5
750S	150E	8	<10	0.5	8360	<1	720	<10	40	56	1300	69	64.5	7.2
750S	200E	16	<10	0.3	9670	<1	847	<10	20	23	1110	34	29.9	3.7
750S	250E	16	<10	1.2	8470	<1	807	<10	33	39	1090	62	43.5	9.6
750S	300E	11	<10	1.5	4950	<1	839	<10	8	53	1460	26	23.6	2.4
750S	350E	20	<10	0.6	4760	<1	859	<10	<5	27	1370	12	14.3	0.7
750S	400E	19	<10	0.9	5790	<1	905	<10	7	32	860	29	28.2	2.6
750S	450E	47	<10	3.2	3380	<1	959	<10	<5	9	3860	2	2.7	<0.5
750S	500E	43	<10	3.8	2390	<1	844	<10	8	10	3580	6	4.3	1.1
750S	550E	45	20	3.6	1600	<1	832	<10	7	29	3330	2	0.9	<0.5
750S	600E	8	<10	0.8	3090	<1	701	10	7	96	1530	20	27.5	1.8
750S	650E	16	<10	1.8	3780	<1	703	10	13	129	2030	22	29.6	2.2
750S	700E	16	<10	0.6	6370	<1	772	10	18	88	1890	35	45.5	2.9
750S	750E	14	<10	1.8	4080	<1	684	<10	<5	37	2530	7	9.5	0.7
750S	800E	11	<10	0.3	4970	<1	349	<10	11	37	1250	80	62.6	10.8
750S	850E	16	<10	1.3	5490	<1	551	<10	15	55	1260	65	63.9	5.8
750S	900E	19	30	0.9	980	<1	54	<10	6	<5	680	1	0.6	<0.5
750S	950E	23	<10	1.6	5010	<1	697	10	<5	53	2310	10	9.5	0.9
750S	1000E	19	<10	1.8	2990	<1	550	<10	17	65	2270	29	26.1	5.1
750S	1050E	32	<10	1.5	3610	<1	624	<10	7	45	1640	32	38.3	2.9
750S	1100E	23	<10	0.9	4930	<1	719	30	9	75	1440	25	33	2
750S	1150E	23	<10	0.6	4710	<1	633	<10	8	82	1420	19	23.8	1.7
750S	1200E	27	<10	1.3	6460	<1	838	<10	6	48	2050	20	20.2	2.3
750S	1250E	18	<10	1.6	4460	<1	590	10	10	83	1870	30	37.8	2.9
750S	1300E	23	<10	1.3	4630	<1	717	<10	7	59	1810	17	18	1.8
750S	1350E	17	<10	1.8	2670	<1	533	<10	6	84	1660	16	19.8	1.5
750S	1400E	14	<10	1	4200	<1	575	10	13	166	1850	20	25.6	1.7

ANALYTE	Gd	La	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn
DETECTION(μg)	1	1	1	5	0.5	1	5	10	1	1	5	1	1	1
Line 1000N														
1000N 600W	54	51	247	2.5	<0.5	121	159	5	<1	20	27	<1	37	<1
1000N 550W	79	89	224	2.5	<0.5	188	180	20	<1	34	35	<1	53	<1
1000N 500W	36	30	187	2.5	<0.5	75	300	5	<1	12	26	<1	24	<1
1000N 450W	38	22	244	2.5	<0.5	59	470	20	<1	9	25	<1	22	<1
1000N 400W	<1	6	118	2.5	<0.5	6	313	5	1	<1	17	3	<1	<1
1000N 350W	5	3	147	2.5	<0.5	7	252	5	<1	<1	31	2	3	<1
1000N 300W	10	4	212	8	<0.5	14	216	5	<1	1	48	<1	6	<1
1000N 250W	61	44	238	2.5	<0.5	119	384	10	<1	19	63	<1	40	<1
1000N 200W	<1	1	473	41	<0.5	<1	775	5	<1	<1	101	1	<1	<1
1000N 150W	29	13	228	2.5	0.5	42	521	20	<1	6	44	<1	17	<1
1000N 100W	48	25	414	2.5	<0.5	77	403	20	<1	11	49	<1	30	<1
1000N 50W	40	23	280	2.5	<0.5	64	415	10	<1	10	29	<1	25	<1
1000N 0	<1	2	736	207	<0.5	1	2260	5	<1	<1	143	1	<1	<1
1000N 50E	<1	<1	162	6	<0.5	<1	202	5	<1	<1	33	<1	<1	<1
1000N 100E	<1	<1	192	2.5	<0.5	<1	172	5	1	<1	26	<1	<1	<1
1000N 150E	<1	<1	113	2.5	<0.5	<1	331	10	1	<1	20	<1	<1	<1
1000N 200E	82	49	255	2.5	<0.5	144	721	20	<1	22	29	<1	52	<1
1000N 250E	<1	1	242	2.5	<0.5	3	413	10	2	<1	22	1	<1	<1
1000N 300E	53	32	277	2.5	<0.5	90	543	20	<1	14	27	<1	32	<1
Line 400N														
400N 500W	61	37	316	2.5	<0.5	93	945	10	<1	15	17	<1	34	<1
400N 450W	97	34	472	7	<0.5	105	1030	30	<1	15	67	<1	52	<1
400N 400W	4	<1	253	2.5	<0.5	1	275	10	<1	<1	11	<1	<1	<1
400N 350W	73	29	244	2.5	<0.5	84	569	20	<1	13	57	<1	35	<1
400N 300W	155	59	347	2.5	<0.5	165	974	40	<1	26	55	<1	79	<1
400N 250W	16	5	210	2.5	<0.5	19	785	20	<1	2	25	<1	8	<1
400N 200W	65	67	209	2.5	0.5	136	55	20	<1	24	34	<1	41	<1
400N 150W	123	68	232	2.5	<0.5	164	479	40	<1	28	26	<1	62	<1
400N 100W	2	<1	107	2.5	<0.5	1	55	5	1	<1	8	<1	<1	<1
400N 50W	21	6	285	2.5	<0.5	17	547	20	<1	1	9	<1	8	<1
400N 0	134	84	248	2.5	<0.5	224	475	20	<1	38	33	<1	84	<1
400N 50E	16	4	202	2.5	<0.5	12	712	20	<1	<1	12	<1	5	<1
400N 100E	39	13	176	2.5	<0.5	44	929	30	<1	6	23	<1	18	<1
400N 150E	54	29	192	2.5	<0.5	77	1170	30	<1	13	37	<1	29	<1
400N 200E	100	61	243	2.5	<0.5	162	574	30	<1	27	52	<1	59	<1
400N 250E	47	23	359	2.5	<0.5	65	326	20	<1	9	11	<1	25	<1
400N 300E	77	36	237	5	<0.5	101	596	20	<1	15	28	<1	39	<1
400N 350E	39	14	239	2.5	<0.5	47	457	30	<1	6	19	<1	21	<1
400N 400E	7	4	167	2.5	<0.5	10	248	10	<1	<1	13	<1	4	<1
400N 450E	159	101	157	2.5	<0.5	237	866	40	<1	42	55	<1	87	<1
400N 500E	13	11	491	20	<0.5	24	830	40	<1	3	178	<1	8	<1
400N 550E	57	21	208	2.5	<0.5	66	600	20	<1	10	29	<1	29	<1
400N 600E	4	<1	133	2.5	<0.5	3	248	10	<1	<1	18	<1	1	<1
400N 650E	52	15	229	2.5	<0.5	52	581	30	<1	7	16	<1	24	<1
400N 700E	69	26	248	2.5	<0.5	89	510	20	<1	13	34	<1	38	<1
400N 750E	1	5	119	2.5	<0.5	6	305	5	1	<1	31	1	<1	<1
400N 800E	<1	4	813	68	<0.5	5	612	5	<1	<1	220	1	<1	<1
Line 200N														
200N 500W	13	12	219	7	<0.5	26	1240	10	<1	4	41	<1	8	<1
200N 450W	44	20	254	2.5	<0.5	58	1360	10	<1	8	25	<1	24	<1
200N 400W	32	15	179	2.5	0.5	46	374	5	<1	7	62	<1	18	<1
200N 350W	141	59	460	2.5	<0.5	207	843	40	<1	30	23	<1	85	<1

ANALYTE	Gd	La	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn
200N 300W	113	50	369	5	<0.5	145	1140	30	<1	22	23	<1	60	<1
200N 250W	177	93	295	2.5	0.5	247	1150	60	<1	42	38	<1	95	<1
200N 200W	156	91	318	2.5	<0.5	252	560	30	<1	42	40	<1	95	<1
200N 150W	219	103	508	6	<0.5	330	709	50	<1	50	31	<1	132	<1
200N 100W	146	102	290	2.5	0.6	264	714	40	<1	44	40	<1	95	<1
200N 50W	100	55	277	2.5	0.8	143	808	40	<1	23	29	<1	54	<1
200N 0	146	41	247	2.5	0.6	134	574	40	<1	21	26	<1	64	<1
200N 50E	33	<1	534	20	<0.5	13	163	20	<1	1	40	<1	10	<1
200N 100E	159	37	381	2.5	<0.5	131	323	40	<1	19	28	<1	67	<1
200N 150E	59	10	209	2.5	<0.5	47	832	20	<1	7	23	<1	24	<1
200N 200E	21	<1	223	2.5	<0.5	10	435	10	1	<1	11	<1	6	<1
200N 250E	43	5	219	5	<0.5	28	492	20	1	4	15	<1	15	<1
200N 300E	15	<1	225	2.5	<0.5	7	214	5	1	<1	11	<1	5	<1
200N 350E	32	3	222	2.5	<0.5	23	501	10	<1	3	24	<1	12	<1
200N 400E	131	47	248	2.5	<0.5	143	613	30	<1	24	42	<1	63	<1
200N 450E	113	38	234	2.5	0.6	118	553	30	<1	19	37	<1	52	<1
200N 500E	138	36	189	2.5	<0.5	117	719	30	<1	19	39	<1	57	1
200N 550E	2	<1	208	61	<0.5	5	1850	5	<1	<1	56	<1	<1	<1
200N 600E	124	49	215	2.5	<0.5	137	372	20	<1	23	37	<1	58	<1
200N 650E	125	48	230	2.5	<0.5	135	454	20	<1	23	33	<1	59	<1
200N 700E	107	28	342	2.5	<0.5	99	189	20	<1	15	22	<1	47	<1
200N 750E	119	36	216	2.5	<0.5	121	643	30	<1	20	37	<1	57	<1
200N 800E	161	69	253	2.5	<0.5	191	632	30	<1	34	69	<1	82	<1
200N 850E	5	<1	186	2.5	<0.5	2	265	5	1	<1	30	<1	1	<1
200N 900E	57	9	248	2.5	<0.5	41	475	20	<1	6	32	<1	23	<1
200N 950E	6	<1	189	2.5	<0.5	3	455	5	<1	<1	46	<1	2	<1
200N 1000E	17	<1	210	2.5	<0.5	10	462	5	1	<1	31	<1	6	<1
200N 1050E	166	63	265	6	<0.5	185	449	20	<1	30	54	<1	81	<1
200N 1100E	75	27	267	2.5	0.8	83	145	20	<1	14	22	<1	35	<1
200N 1150E	45	8	220	2.5	0.5	37	198	10	<1	5	14	<1	18	<1
200N 1200E	47	13	202	6	0.6	49	133	10	<1	8	39	<1	22	<1
200N 1250E	28	3	248	7	<0.5	21	389	20	<1	3	62	<1	12	<1
200N 1300E	68	23	234	5	<0.5	74	121	10	<1	12	14	<1	32	<1
200N 1350E	10	<1	204	2.5	<0.5	5	156	5	<1	<1	22	<1	3	<1
200N 1400E	2	<1	166	2.5	<0.5	<1	185	5	<1	<1	36	<1	<1	<1
200N 1450E	1	<1	61	15	<0.5	<1	43	5	1	<1	14	<1	<1	<1
200N 1500E	9	<1	201	2.5	<0.5	6	203	5	<1	<1	30	<1	3	<1
200N 1550E	92	19	245	2.5	<0.5	77	257	10	<1	12	40	<1	41	<1
200N 1600E	15	<1	220	2.5	<0.5	9	240	5	<1	<1	36	<1	5	<1
200N 1650E	116	40	278	2.5	<0.5	122	759	20	<1	20	54	<1	55	<1
200N 1700E	54	9	256	2.5	<0.5	43	644	20	<1	6	26	<1	22	<1
200N 1750E	41	20	132	2.5	<0.5	58	45	10	<1	10	26	<1	22	<1
200N 1800E	26	2	141	2.5	<0.5	20	216	5	<1	3	30	<1	11	<1
200N 1850E	1	<1	116	2.5	<0.5	<1	181	5	1	<1	17	<1	<1	<1
200N 1900E	2	<1	209	5	<0.5	<1	231	5	<1	<1	19	<1	<1	<1
200N 1950E	36	3	284	5	<0.5	24	350	20	<1	3	23	<1	14	<1
200N 2000E	19	<1	145	17	<0.5	16	130	5	<1	2	35	<1	7	<1
200N 2050E	65	18	259	8	<0.5	66	509	20	<1	10	46	<1	31	<1
200N 2100E	2	<1	112	2.5	<0.5	<1	249	5	1	<1	22	<1	<1	<1
200N 2150E	9	<1	237	2.5	<0.5	3	320	20	<1	<1	24	<1	3	<1
200N 2200E	32	2	264	7	<0.5	20	447	20	<1	2	20	<1	12	<1
200N 2250E	17	<1	189	2.5	<0.5	10	436	20	<1	<1	26	<1	6	<1
200N 2300E	7	<1	146	2.5	<0.5	3	409	10	<1	<1	21	<1	2	<1
200N 2350E	16	<1	298	2.5	<0.5	8	595	20	<1	<1	19	<1	5	<1

ANALYTE		Gd	La	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn
200N	2400E	100	27	237	6	<0.5	110	1030	5	<1	17	80	<1	53	<1
200N	2450E	40	7	178	2.5	<0.5	37	309	5	<1	5	27	<1	18	<1
200N	2500E	9	<1	171	2.5	<0.5	4	292	5	<1	<1	12	<1	3	<1
200N	2550E	2	<1	114	2.5	<0.5	<1	331	10	<1	<1	14	<1	<1	<1
200N	2600E	30	1	260	2.5	<0.5	18	477	20	<1	2	22	<1	10	<1
200N	2650E	8	<1	252	2.5	<0.5	2	558	20	<1	<1	23	<1	2	<1
200N	2700E	22	<1	257	2.5	<0.5	15	727	20	<1	2	30	<1	9	<1
Line 200S															
200S	0	77	41	196	2.5	<0.5	113	432	20	<1	17	43	<1	44	<1
200S	50E	155	66	260	2.5	<0.5	177	528	40	<1	29	28	<1	78	<1
200S	100E	125	79	227	2.5	<0.5	199	650	30	<1	34	32	<1	72	<1
200S	150E	13	4	498	23	<0.5	12	132	10	<1	<1	35	<1	6	<1
200S	200E	75	35	225	2.5	<0.5	100	598	30	<1	15	17	<1	38	<1
200S	250E	89	47	235	2.5	<0.5	120	445	20	<1	19	20	<1	46	<1
200S	300E	66	32	199	2.5	<0.5	92	644	20	<1	14	27	<1	37	<1
200S	350E	118	70	198	2.5	<0.5	170	657	30	<1	29	29	<1	64	<1
200S	400E	50	20	184	2.5	<0.5	52	775	30	<1	7	19	<1	22	<1
200S	450E	152	119	223	2.5	<0.5	259	851	40	<1	48	43	<1	91	<1
200S	500E	121	51	270	2.5	<0.5	151	1220	30	<1	24	42	<1	63	<1
200S	550E	<1	1	107	2.5	<0.5	2	93	5	<1	<1	16	<1	<1	<1
200S	600E	15	7	176	2.5	<0.5	19	216	10	<1	2	23	<1	7	<1
200S	650E	96	58	230	2.5	0.5	137	695	40	<1	23	27	<1	51	<1
200S	700E	177	127	200	2.5	<0.5	313	297	30	<1	54	40	<1	112	<1
200S	750E	33	33	135	2.5	<0.5	73	109	5	<1	12	23	<1	23	<1
200S	800E	53	21	188	2.5	<0.5	65	560	30	<1	9	21	<1	27	<1
Line 300S															
300S	600E	95	35	389	2.5	<0.5	118	280	40	<1	17	50	<1	48	<1
300S	650E	13	1	148	7	<0.5	7	91	30	<1	<1	18	<1	4	<1
300S	700E	7	<1	228	7	<0.5	3	63	30	<1	<1	25	<1	2	<1
300S	750E	2	1	47	2.5	<0.5	2	39	5	2	<1	7	<1	<1	<1
300S	800E	9	<1	204	5	<0.5	3	101	30	<1	<1	50	<1	2	<1
300S	850E	20	4	155	2.5	<0.5	13	167	30	<1	2	42	<1	7	<1
300S	900E	19	4	154	2.5	<0.5	14	176	30	<1	2	42	<1	7	<1
300S	950E	5	<1	220	2.5	<0.5	2	113	30	<1	<1	35	<1	1	<1
300S	1000E	8	<1	154	2.5	<0.5	3	152	20	<1	<1	16	<1	2	<1
300S	1050E	2	<1	125	2.5	<0.5	1	187	20	<1	<1	23	<1	<1	<1
300S	1100E	<1	<1	98	2.5	<0.5	<1	271	20	<1	<1	17	<1	<1	<1
300S	1150E	5	<1	136	2.5	<0.5	1	208	50	<1	<1	30	<1	<1	<1
300S	1200E	4	<1	274	2.5	<0.5	2	90	30	<1	<1	40	<1	1	<1
300S	1250E	23	2	279	2.5	<0.5	10	114	40	<1	1	17	<1	7	<1
300S	1300E	32	6	244	2.5	<0.5	23	121	50	<1	3	28	<1	11	<1
300S	1350E	<1	<1	142	2.5	<0.5	<1	49	10	<1	<1	10	<1	<1	<1
300S	1400E	33	7	126	2.5	<0.5	25	111	50	<1	4	30	<1	12	<1

ANALYTE	Gd	La	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn
300S 1450E	2	<1	209	2.5	<0.5	2	31	20	<1	<1	14	<1	<1	<1
300S 1500E	3	1	210	2.5	<0.5	3	30	10	<1	<1	8	<1	1	<1
300S 1550E	33	11	196	2.5	<0.5	32	83	40	<1	5	47	<1	13	<1
300S 1600E	43	14	185	2.5	<0.5	41	246	30	<1	7	15	<1	17	<1
300S 1650E	5	<1	223	6	<0.5	3	36	20	<1	<1	9	<1	2	<1
300S 1700E	7	2	103	2.5	<0.5	7	19	10	<1	1	11	<1	3	<1
300S 1750E	2	<1	217	2.5	<0.5	2	20	20	<1	<1	8	<1	<1	<1
300S 1800E	12	3	181	7	<0.5	9	79	30	<1	1	20	<1	4	<1
300S 1850E	10	2	180	2.5	<0.5	6	38	10	<1	<1	14	<1	3	<1
300S 1900E	7	2	119	2.5	<0.5	6	68	10	<1	<1	25	<1	3	<1
300S 1950E	11	2	114	2.5	<0.5	9	216	20	<1	1	40	<1	5	<1
300S 2000E	26	5	248	9	<0.5	21	171	10	<1	3	49	<1	11	<1
300S 2050E	21	5	304	15	<0.5	19	46	20	<1	3	39	<1	9	<1
300S 2100E	10	2	184	5	<0.5	8	154	30	<1	1	21	<1	4	<1
Line 750S														
750S 500W	10	3	152	2.5	<0.5	8	224	30	<1	1	26	<1	3	<1
750S 450W	38	13	158	2.5	<0.5	35	399	60	<1	6	26	<1	14	<1
750S 400W	14	4	121	2.5	<0.5	17	170	20	<1	2	20	<1	6	<1
750S 350W	26	10	257	2.5	<0.5	25	165	40	<1	4	23	<1	10	<1
750S 300W	13	2	194	2.5	<0.5	6	123	20	<1	<1	22	<1	4	<1
750S 250W	13	3	95	2.5	<0.5	12	382	40	<1	2	26	<1	5	<1
750S 200W	10	2	199	2.5	<0.5	6	226	40	<1	<1	25	<1	3	<1
750S 150W	10	1	116	13	<0.5	5	173	40	<1	<1	39	<1	3	<1
750S 100W	3	<1	132	8	<0.5	2	204	10	<1	<1	36	<1	1	<1
750S 50W	1	<1	149	2.5	<0.5	<1	113	10	<1	<1	15	<1	<1	<1
750S 0	19	2	194	2.5	<0.5	12	77	20	<1	2	13	<1	6	<1
750S 50E	4	<1	104	2.5	<0.5	3	160	20	<1	<1	16	<1	2	<1
750S 100E	4	<1	114	2.5	<0.5	3	357	40	<1	<1	20	<1	2	<1
750S 150E	46	16	109	2.5	<0.5	42	412	50	<1	7	28	<1	18	<1
750S 200E	26	9	148	2.5	<0.5	29	199	30	<1	4	26	<1	12	<1
750S 250E	56	13	228	2.5	<0.5	60	231	40	<1	8	30	<1	27	<1
750S 300E	18	4	152	2.5	<0.5	14	243	40	<1	2	26	<1	6	<1
750S 350E	7	1	139	2.5	<0.5	5	311	130	<1	<1	15	<1	2	<1
750S 400E	20	4	138	2.5	<0.5	14	148	30	<1	2	28	<1	7	<1
750S 450E	2	<1	81	2.5	<0.5	2	428	5	<1	<1	18	<1	<1	<1
750S 500E	6	5	105	2.5	<0.5	13	392	5	<1	2	16	<1	4	<1
750S 550E	2	3	139	2.5	<0.5	6	221	5	<1	1	13	<1	2	<1
750S 600E	11	3	110	2.5	<0.5	10	504	40	<1	1	21	<1	4	<1
750S 650E	13	6	134	2.5	<0.5	16	628	30	<1	2	25	<1	6	<1
750S 700E	20	8	128	2.5	<0.5	22	487	50	<1	3	48	<1	9	<1
750S 750E	5	2	148	2.5	<0.5	7	195	10	<1	1	8	<1	3	<1
750S 800E	63	12	465	2.5	<0.5	42	247	50	<1	6	48	<1	25	<1
750S 850E	41	11	307	2.5	<0.5	29	706	50	<1	4	22	<1	14	<1
750S 900E	1	2	621	2.5	<0.5	5	154	10	<1	<1	86	1	1	<1
750S 950E	8	3	301	2.5	<0.5	8	373	5	<1	1	9	<1	3	<1
750S 1000E	26	11	182	2.5	<0.5	38	513	20	<1	5	21	<1	14	<1
750S 1050E	19	5	196	2.5	<0.5	16	441	40	<1	2	24	<1	7	<1
750S 1100E	15	5	194	2.5	<0.5	15	354	40	<1	2	18	<1	6	<1
750S 1150E	11	4	175	8	<0.5	14	319	30	<1	2	24	<1	5	<1
750S 1200E	15	5	245	2.5	<0.5	16	233	30	<1	2	12	<1	7	<1
750S 1250E	18	6	146	2.5	<0.5	18	434	30	<1	3	14	<1	7	<1
750S 1300E	12	3	221	2.5	<0.5	11	274	30	<1	2	17	<1	5	<1
750S 1350E	10	3	211	2.5	<0.5	10	306	10	<1	1	11	<1	4	<1
750S 1400E	11	4	178	2.5	<0.5	13	714	30	<1	2	26	<1	5	<1

ANALYTE		Sr	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION(ppb)		10	10	0.5	3	0.5	1	1	5	1	20	5
Line 1000N												
1000N	600W	8600	<10	4.1	9	<0.5	19	<1	238	13	20	6
1000N	550W	11600	<10	9	10	<0.5	13	<1	396	26	20	19
1000N	500W	6540	<10	2.9	12	<0.5	6	<1	175	10	70	11
1000N	450W	8950	<10	2.1	5	<0.5	3	<1	187	13	60	<5
1000N	400W	3020	<10	<0.5	11	<0.5	2	<1	<5	<1	50	8
1000N	350W	5260	<10	<0.5	11	<0.5	4	<1	33	3	10	9
1000N	300W	5260	<10	<0.5	13	<0.5	5	<1	59	4	10	9
1000N	250W	8380	<10	4.8	16	<0.5	12	<1	277	17	60	16
1000N	200W	2910	<10	<0.5	10	<0.5	6	<1	<5	<1	10	13
1000N	150W	7540	<10	0.8	21	<0.5	19	<1	147	11	90	7
1000N	100W	8240	<10	2	11	<0.5	26	<1	205	11	70	9
1000N	50W	6900	<10	2	9	<0.5	17	<1	188	10	130	7
1000N	0	4440	<10	<0.5	12	<0.5	18	<1	<5	<1	10	6
1000N	50E	4480	<10	<0.5	12	<0.5	1	<1	<5	<1	10	7
1000N	100E	4410	<10	<0.5	13	<0.5	0.5	<1	<5	<1	10	6
1000N	150E	3570	<10	<0.5	8	<0.5	2	<1	9	1	20	7
1000N	200E	5490	<10	4.6	13	<0.5	21	<1	358	21	90	11
1000N	250E	3880	<10	<0.5	12	<0.5	2	<1	7	1	60	6
1000N	300E	4910	<10	2.6	17	<0.5	15	<1	258	18	120	11
Line 400N												
400N	500W	5150	<10	2.7	4	<0.5	6	<1	301	21	30	<5
400N	450W	9650	<10	4.9	5	<0.5	21	<1	453	31	70	6
400N	400W	5960	<10	<0.5	9	<0.5	4	<1	30	4	60	<5
400N	350W	6730	<10	3.7	7	<0.5	7	<1	360	28	230	<5
400N	300W	13000	<10	5.1	<3	<0.5	21	1	784	61	90	<5
400N	250W	5150	<10	1	13	<0.5	4	<1	85	7	110	<5
400N	200W	7960	<10	9.3	9	<0.5	26	1	312	19	80	18
400N	150W	6390	<10	6.6	8	<0.5	24	2	659	56	130	13
400N	100W	5070	<10	<0.5	6	<0.5	2	<1	16	2	20	<5
400N	50W	5780	<10	<0.5	11	<0.5	11	<1	142	10	30	<5
400N	0	4790	<10	11.6	10	<0.5	11	<1	606	39	160	12
400N	50E	4880	<10	<0.5	4	<0.5	3	<1	102	9	140	<5
400N	100E	4840	<10	1.7	9	<0.5	3	<1	185	12	130	<5
400N	150E	6020	<10	3.6	13	<0.5	11	<1	280	20	240	10
400N	200E	6320	<10	5.4	9	<0.5	17	<1	493	31	140	14
400N	250E	9790	<10	3.9	10	<0.5	17	<1	258	16	210	9
400N	300E	6060	<10	3.6	10	<0.5	21	<1	371	25	90	9
400N	350E	5620	<10	1.7	13	<0.5	11	<1	207	13	80	8
400N	400E	4120	<10	<0.5	14	<0.5	3	<1	41	3	90	5
400N	450E	6190	<10	6.8	5	<0.5	15	<1	902	78	150	13
400N	500E	6360	<10	3.2	18	<0.5	9	<1	60	4	210	15
400N	550E	6240	<10	3.1	15	<0.5	4	<1	292	21	100	<5
400N	600E	4490	<10	<0.5	9	<0.5	2	<1	25	3	50	<5
400N	650E	6750	<10	2.1	7	<0.5	5	<1	262	19	80	<5
400N	700E	6620	<10	3.6	14	<0.5	8	<1	301	18	90	7
400N	750E	3850	<10	<0.5	11	<0.5	2	<1	10	<1	30	8
400N	800E	7810	<10	<0.5	13	<0.5	10	<1	<5	<1	50	13
Line 200N												
200N	500W	3000	<10	1.6	20	<0.5	2	<1	72	5	90	10
200N	450W	4520	<10	3	16	<0.5	4	<1	223	14	40	10
200N	400W	5670	<10	2.5	18	<0.5	5	<1	168	9	160	11
200N	350W	6480	<10	5	21	<0.5	40	1	682	39	70	18

ANALYTE		Sr	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
200N	300W	6600	<10	3.9	11	<0.5	15	1	547	30	100	10
200N	250W	6970	<10	8.4	11	<0.5	30	1	873	58	150	28
200N	200W	8590	<10	9.2	10	<0.5	23	2	740	43	70	20
200N	150W	13500	<10	6.6	14	<0.5	53	2	1120	66	130	21
200N	100W	6120	<10	12.4	13	<0.5	19	2	670	39	120	25
200N	50W	5590	<10	10.7	17	<0.5	17	3	499	34	290	13
200N	0	6320	<10	7.2	<3	<0.5	16	3	520	41	130	13
200N	50E	37300	<10	1.2	5	<0.5	3	2	143	12	10	6
200N	100E	13000	<10	6.4	<3	<0.5	23	1	572	41	110	11
200N	150E	5570	<10	3.1	<3	<0.5	7	1	194	15	130	6
200N	200E	5540	<10	0.6	<3	<0.5	4	<1	76	7	70	<5
200N	250E	5390	<10	1.3	<3	<0.5	5	<1	154	12	40	<5
200N	300E	4950	<10	<0.5	<3	<0.5	5	<1	60	4	50	<5
200N	350E	6090	<10	1.2	3	<0.5	14	<1	112	8	80	9
200N	400E	6510	<10	7.9	7	<0.5	19	<1	438	31	180	17
200N	450E	6220	<10	8	5	<0.5	23	<1	390	28	120	19
200N	500E	5010	<10	6.8	7	<0.5	10	<1	475	38	280	13
200N	550E	3560	<10	<0.5	7	<0.5	7	<1	6	<1	30	<5
200N	600E	5710	<10	6	4	<0.5	19	<1	442	31	220	18
200N	650E	6490	<10	7	3	<0.5	12	<1	426	31	180	12
200N	700E	8550	<10	5.9	<3	<0.5	12	<1	366	25	150	6
200N	750E	6750	<10	5.5	<3	<0.5	16	<1	389	26	190	12
200N	800E	7180	<10	5.6	4	<0.5	26	<1	515	39	120	28
200N	850E	5430	<10	<0.5	<3	<0.5	3	<1	17	2	30	<5
200N	900E	7670	<10	1.8	<3	<0.5	13	<1	191	13	60	6
200N	950E	4990	<10	<0.5	<3	<0.5	3	<1	23	2	10	6
200N	1000E	6650	<10	<0.5	<3	<0.5	8	<1	61	5	40	<5
200N	1050E	7000	<10	8.2	<3	<0.5	28	<1	525	36	80	21
200N	1100E	10700	<10	4.3	<3	<0.5	27	<1	232	15	80	16
200N	1150E	6030	<10	1.8	3	<0.5	13	<1	163	12	150	11
200N	1200E	11800	<10	3	<3	<0.5	10	<1	151	10	50	14
200N	1250E	13000	<10	1	<3	<0.5	6	<1	90	6	90	9
200N	1300E	11200	<10	4.3	<3	<0.5	10	<1	190	11	90	5
200N	1350E	6810	<10	<0.5	<3	<0.5	6	<1	36	3	10	<5
200N	1400E	7110	<10	<0.5	<3	<0.5	1	<1	8	<1	40	<5
200N	1450E	7630	<10	<0.5	<3	<0.5	0.5	<1	<5	<1	20	<5
200N	1500E	15800	<10	<0.5	<3	<0.5	0.5	<1	37	3	20	5
200N	1550E	20500	<10	3.7	4	<0.5	6	<1	307	21	80	<5
200N	1600E	15500	<10	<0.5	<3	<0.5	4	<1	55	5	30	<5
200N	1650E	11000	<10	5.7	<3	<0.5	21	<1	425	32	220	15
200N	1700E	14700	<10	2.3	<3	<0.5	7	<1	192	13	200	6
200N	1750E	15200	<10	4.3	4	<0.5	11	<1	114	6	100	8
200N	1800E	9160	<10	1.8	<3	<0.5	9	<1	94	7	30	6
200N	1850E	8560	<10	<0.5	<3	<0.5	0.5	<1	<5	<1	20	<5
200N	1900E	10100	<10	<0.5	<3	<0.5	2	<1	8	1	40	<5
200N	1950E	11100	<10	1	5	<0.5	7	<1	123	8	60	<5
200N	2000E	13700	<10	0.8	<3	<0.5	2	<1	61	4	50	5
200N	2050E	6910	<10	5.1	4	<0.5	14	<1	217	15	100	14
200N	2100E	4190	<10	<0.5	<3	<0.5	1	<1	<5	<1	30	<5
200N	2150E	5220	<10	<0.5	<3	<0.5	4	<1	32	3	50	6
200N	2200E	5970	<10	1	<3	<0.5	17	<1	122	9	40	9
200N	2250E	5270	<10	0.6	4	<0.5	5	<1	57	5	40	6
200N	2300E	5230	<10	0.7	4	<0.5	5	<1	22	2	10	6
200N	2350E	8340	<10	<0.5	<3	<0.5	15	<1	61	5	20	<5

ANALYTE		Sr	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
200N	2400E	6380	<10	7.6	5	<0.5	21	<1	267	17	100	19
200N	2450E	4530	<10	2.1	<3	<0.5	12	<1	125	8	30	10
200N	2500E	4260	<10	<0.5	<3	<0.5	8	<1	33	3	20	6
200N	2550E	3930	<10	<0.5	5	<0.5	2	<1	9	<1	20	6
200N	2600E	6580	<10	1	<3	<0.5	13	<1	102	9	10	7
200N	2650E	5950	<10	0.5	<3	<0.5	7	<1	33	3	10	5
200N	2700E	7240	<10	0.7	6	<0.5	13	<1	67	5	30	9
Line 200S												
200S	0	4910	<10	3.5	12	<0.5	15	<1	384	23	190	14
200S	50E	5500	<10	4.1	4	<0.5	11	<1	805	63	210	10
200S	100E	5730	<10	6.4	10	<0.5	16	<1	619	40	150	14
200S	150E	8330	<10	<0.5	10	<0.5	9	<1	79	5	30	6
200S	200E	5450	<10	3.7	11	<0.5	11	<1	382	25	240	10
200S	250E	4460	<10	3.8	7	<0.5	15	<1	478	29	120	10
200S	300E	4420	<10	3.5	9	<0.5	6	<1	313	20	170	7
200S	350E	4460	<10	6.3	7	<0.5	12	<1	606	43	140	14
200S	400E	4770	<10	2	8	<0.5	15	<1	289	22	250	<5
200S	450E	5760	<10	9.1	11	<0.5	17	<1	810	68	280	27
200S	500E	9100	<10	4.7	5	<0.5	11	<1	595	43	110	6
200S	550E	5070	<10	<0.5	18	<0.5	0.5	<1	7	<1	20	9
200S	600E	4420	<10	1	14	<0.5	2	<1	87	7	130	8
200S	650E	5090	<10	6.6	11	<0.5	9	<1	521	37	100	21
200S	700E	6320	<10	10.3	9	<0.5	23	1	812	57	190	23
200S	750E	5970	<10	4.1	13	<0.5	14	<1	147	8	120	12
200S	800E	6270	<10	2.3	19	<0.5	10	<1	290	17	160	11
Line 300S												
300S	600E	9110	<10	5	13	<0.5	13	<1	415	45	90	<5
300S	650E	4130	<10	0.8	8	<0.5	4	<1	75	20	100	<5
300S	700E	4880	<10	0.6	8	<0.5	10	1	44	13	200	<5
300S	750E	2830	<10	<0.5	11	<0.5	1	<1	9	<1	10	<5
300S	800E	5720	<10	<0.5	7	<0.5	8	<1	55	15	80	<5
300S	850E	5890	<10	0.6	8	<0.5	10	<1	103	25	110	<5
300S	900E	5590	<10	<0.5	8	<0.5	5	<1	102	17	90	<5
300S	950E	6950	<10	<0.5	8	<0.5	7	<1	37	12	80	<5
300S	1000E	4010	<10	<0.5	7	<0.5	5	<1	47	12	130	<5
300S	1050E	3950	<10	<0.5	8	<0.5	3	<1	10	3	30	<5
300S	1100E	3760	<10	<0.5	7	<0.5	3	<1	7	3	100	<5
300S	1150E	5000	<10	<0.5	6	<0.5	10	<1	37	16	210	<5
300S	1200E	6320	<10	<0.5	9	<0.5	20	<1	30	9	150	<5
300S	1250E	8370	<10	0.6	8	<0.5	25	<1	124	22	100	<5
300S	1300E	6650	<10	1	8	<0.5	13	<1	166	31	140	<5
300S	1350E	3460	<10	<0.5	6	<0.5	4	<1	7	2	30	<5
300S	1400E	5570	<10	0.7	7	<0.5	6	<1	196	43	220	<5

ANALYTE		Sr	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
300S	1450E	6010	<10	<0.5	7	<0.5	8	<1	14	3	60	<5
300S	1500E	8940	<10	<0.5	8	<0.5	12	<1	21	6	50	<5
300S	1550E	5930	<10	1.2	7	<0.5	7	<1	157	26	120	<5
300S	1600E	5210	<10	1.2	7	<0.5	8	<1	218	41	250	<5
300S	1650E	7430	<10	<0.5	8	<0.5	17	<1	29	7	60	<5
300S	1700E	9900	<10	<0.5	7	<0.5	3	<1	40	11	50	<5
300S	1750E	9020	<10	<0.5	8	<0.5	7	<1	14	3	90	<5
300S	1800E	14600	<10	<0.5	9	<0.5	18	<1	72	15	40	<5
300S	1850E	7840	<10	<0.5	7	<0.5	7	<1	59	14	30	<5
300S	1900E	8400	<10	<0.5	8	<0.5	7	<1	35	7	90	<5
300S	1950E	6850	<10	<0.5	8	<0.5	6	<1	62	12	90	<5
300S	2000E	33800	<10	1	9	<0.5	6	<1	99	14	70	<5
300S	2050E	28300	<10	0.7	8	<0.5	20	<1	77	8	20	<5
300S	2100E	9090	<10	<0.5	8	<0.5	14	<1	53	11	80	<5
Line 750S												
750S	500W	4680	<10	<0.5	9	<0.5	9	<1	66	16	190	<5
750S	450W	5920	<10	0.8	9	<0.5	6	<1	232	56	330	<5
750S	400W	3920	<10	1	9	<0.5	3	<1	79	14	200	<5
750S	350W	6480	<10	1.1	9	<0.5	12	<1	120	20	350	<5
750S	300W	3920	<10	<0.5	6	<0.5	9	<1	80	27	50	<5
750S	250W	4140	<10	0.8	7	<0.5	4	<1	82	23	200	<5
750S	200W	6050	<10	<0.5	8	<0.5	4	<1	67	20	110	<5
750S	150W	4560	<10	<0.5	8	<0.5	6	<1	66	20	190	<5
750S	100W	4250	<10	<0.5	8	<0.5	2	<1	20	4	180	<5
750S	50W	3990	<10	<0.5	7	<0.5	3	<1	8	4	150	<5
750S	0	4270	<10	0.5	6	<0.5	5	<1	104	22	70	<5
750S	50E	3240	<10	<0.5	7	<0.5	3	<1	25	7	280	<5
750S	100E	3760	<10	<0.5	9	<0.5	3	<1	28	9	720	<5
750S	150E	3540	<10	1.6	7	<0.5	4	<1	282	60	160	<5
750S	200E	5130	<10	1.3	9	<0.5	10	<1	146	29	190	<5
750S	250E	5720	<10	3.7	11	<0.5	16	1	254	36	130	<5
750S	300E	6350	<10	1.2	8	<0.5	5	<1	98	22	190	<5
750S	350E	5570	<10	0.5	9	<0.5	10	<1	50	17	230	<5
750S	400E	5260	<10	0.7	7	<0.5	9	<1	118	26	130	<5
750S	450E	4400	<10	<0.5	9	<0.5	3	<1	10	3	60	<5
750S	500E	3100	<10	0.6	6	<0.5	4	<1	28	4	50	<5
750S	550E	2990	<10	<0.5	5	<0.5	2	<1	7	<1	60	<5
750S	600E	2880	<10	<0.5	<3	<0.5	0.5	<1	79	29	440	<5
750S	650E	3750	<10	<0.5	<3	<0.5	1	<1	81	30	50	<5
750S	700E	4630	<10	<0.5	<3	<0.5	6	<1	131	47	130	<5
750S	750E	3000	<10	<0.5	<3	<0.5	3	<1	29	10	110	<5
750S	800E	8510	<10	0.6	<3	<0.5	8	<1	305	54	110	<5
750S	850E	6270	<10	<0.5	<3	<0.5	4	<1	252	58	110	<5
750S	900E	7830	<10	<0.5	<3	<0.5	12	<1	6	<1	20	13
750S	950E	5100	<10	<0.5	<3	<0.5	8	<1	36	9	40	<5
750S	1000E	4240	<10	0.9	<3	<0.5	5	<1	106	23	60	<5
750S	1050E	4250	<10	<0.5	<3	<0.5	6	<1	119	36	160	<5
750S	1100E	4380	<10	<0.5	<3	<0.5	5	<1	91	34	90	<5
750S	1150E	4090	<10	<0.5	<3	<0.5	8	<1	74	24	100	<5
750S	1200E	5470	<10	<0.5	<3	<0.5	9	<1	79	19	90	<5
750S	1250E	3010	<10	<0.5	<3	<0.5	4	<1	111	39	200	<5
750S	1300E	4850	<10	<0.5	<3	<0.5	9	<1	65	18	130	<5
750S	1350E	3110	<10	<0.5	<3	<0.5	9	<1	58	20	60	<5
750S	1400E	3250	<10	<0.5	<3	<0.5	3	<1	70	25	130	<5

BEATON GROUP Location Map

 **BEATON GROUP Location**

BC Administrative Area Layers

- ● Cities

Topographic Layers

- Roads 1:6M
 - Trunk Road
 - Major Roads
 - All Others
- Lakes 1:6M
- Rivers 1:6M
- Sea

BC Border Layers

- BC Border 1:6M



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LAKEWOOD MINING CO LTD				
BEATON CLAIM GROUP				
SNOW and ICE LAKE ZONES				
Beaton Creek, Afton Mine Area , Kamloops MD, BC				
BC LOCATION MAP				
Scale:	Date:	Drawn by:	Job#:	Fig #
As shown	Apr '06	Aris	05-07	1

SCALE 1 : 9,192,395



Beaton Group Claim Map

Mineral Titles Layers

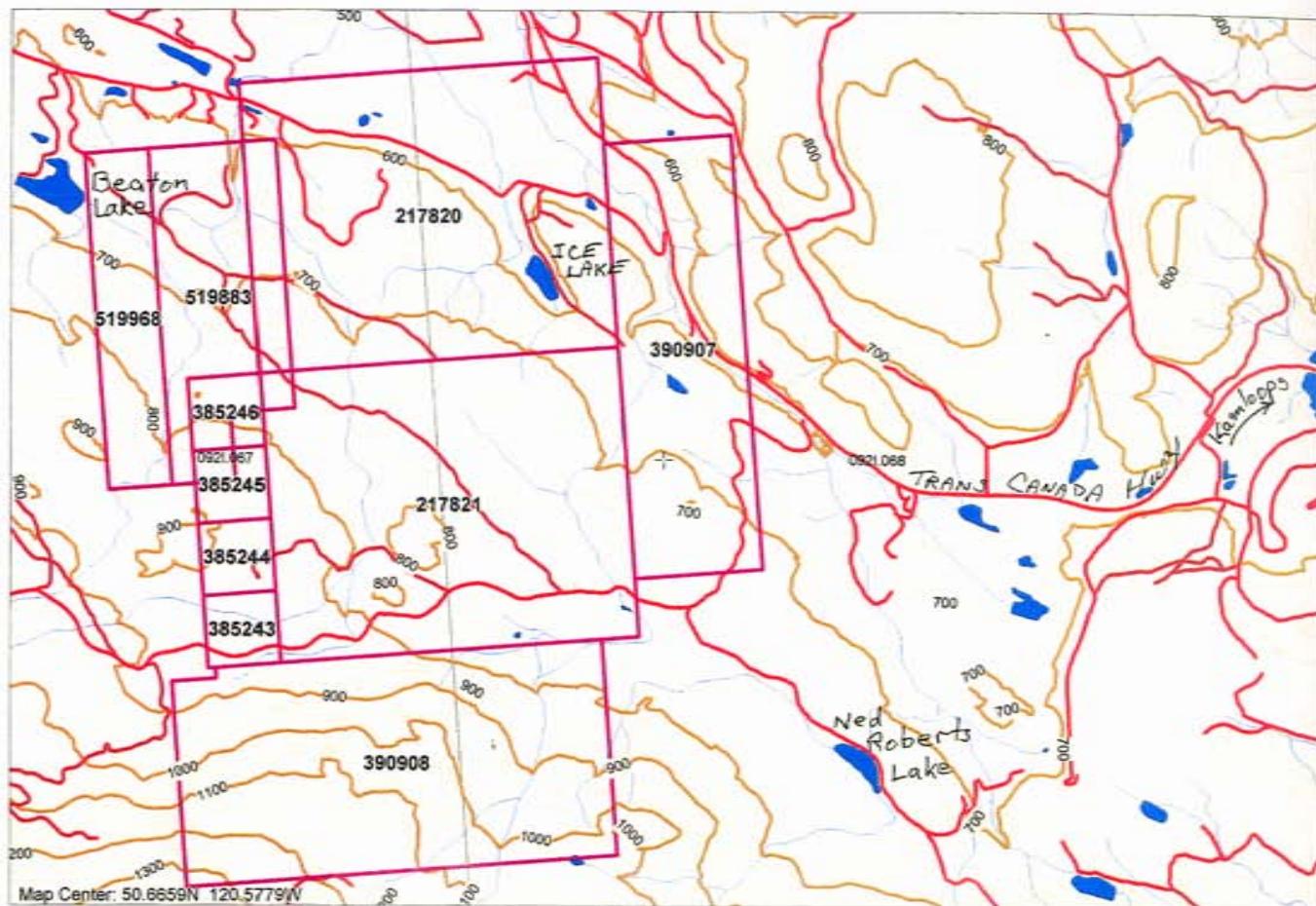
- My Property Tenure

Topographic Layers

- Roads 1:20K
 - Gravel Road
 - Paved Road
 - Rough Road
- Roads 1:20K undefined
- Contours with Labels 1:20K (<50K)
- Contours east 1:20K (<100K)
- Lakes 1:20K
- Rivers 1:20K

Grid Layers

- Grid 1:20K - labels
- Grid 1:20K - outline



SCALE 1 : 50,987



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BEATON CLAIM GROUP				
SNOW and ICE LAKE ZONES				
Beaton Creek, Afton Mine Area, Kamloops MD, BC				
CLAIM MAP				
Scale:	Date:	Drawn by:	Job#:	Fig #
As shown	Apr '06	Aris	05-07	2



Beaton Group MMI Soil Survey Plan Map

Mineral Titles Layers

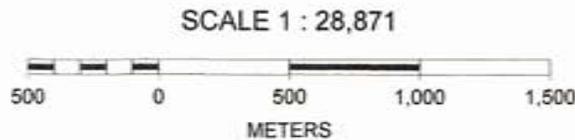
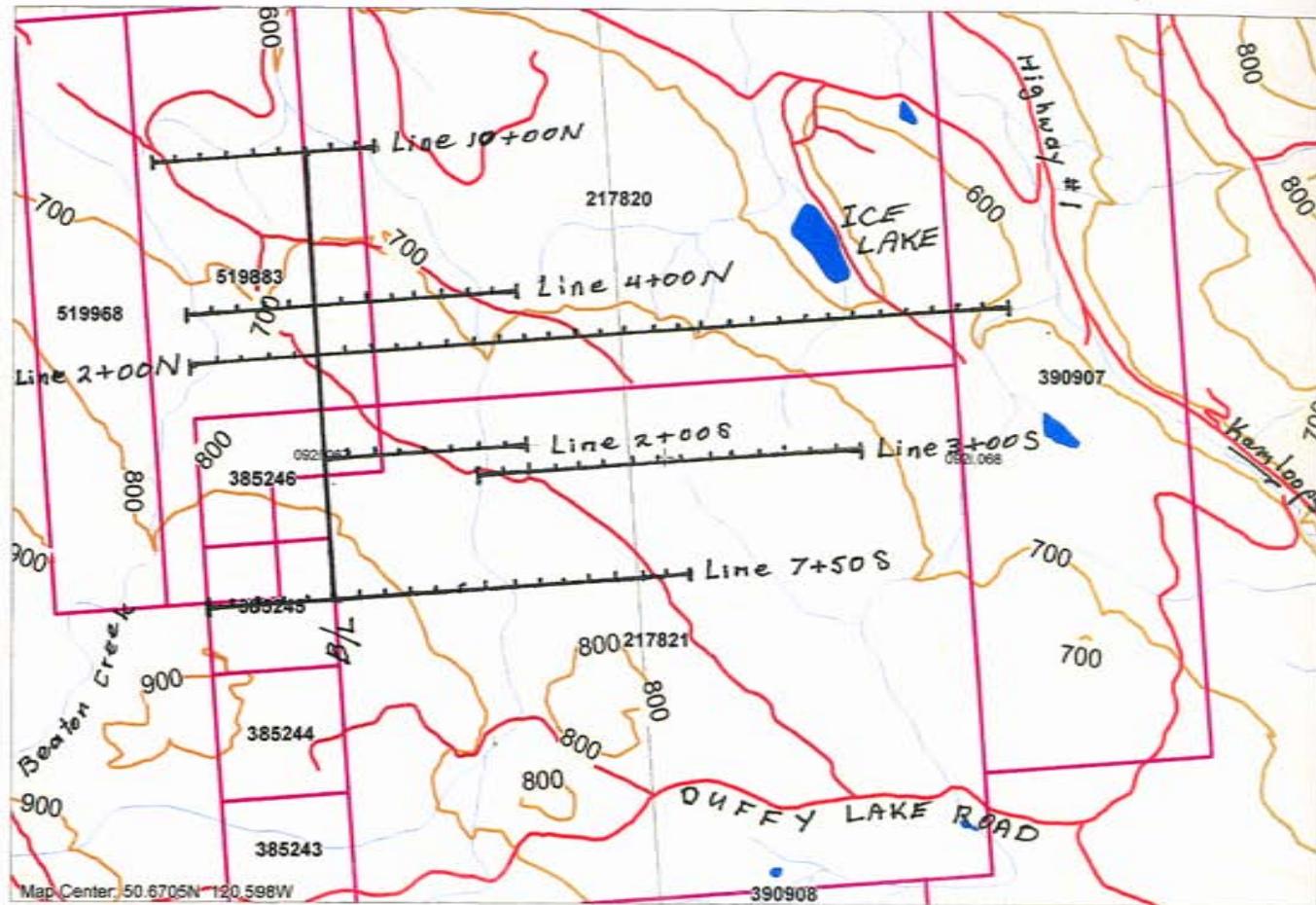
- My Property Tenure

Topographic Layers

- Roads 1:20K
 - Gravel Road
 - Paved Road
 - Rough Road
- Roads 1:20K undefined
- Contours with Labels 1:20K (<50K)
- Contours east 1:20K (<100K)
- Lakes 1:20K
- Rivers 1:20K

Grid Layers

- Grid 1:20K - labels
- Grid 1:20K - outline



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SNOW and ICE LAKE ZONES				
Beaton Creek, Afton Mine Area , Kamloops MD, BC				
MMI SOIL SURVEY PLAN MAP				
Scale:	Date:	Drawn by:	Job#:	Fig #
As shown	Apr '06	Aris	05-07	3

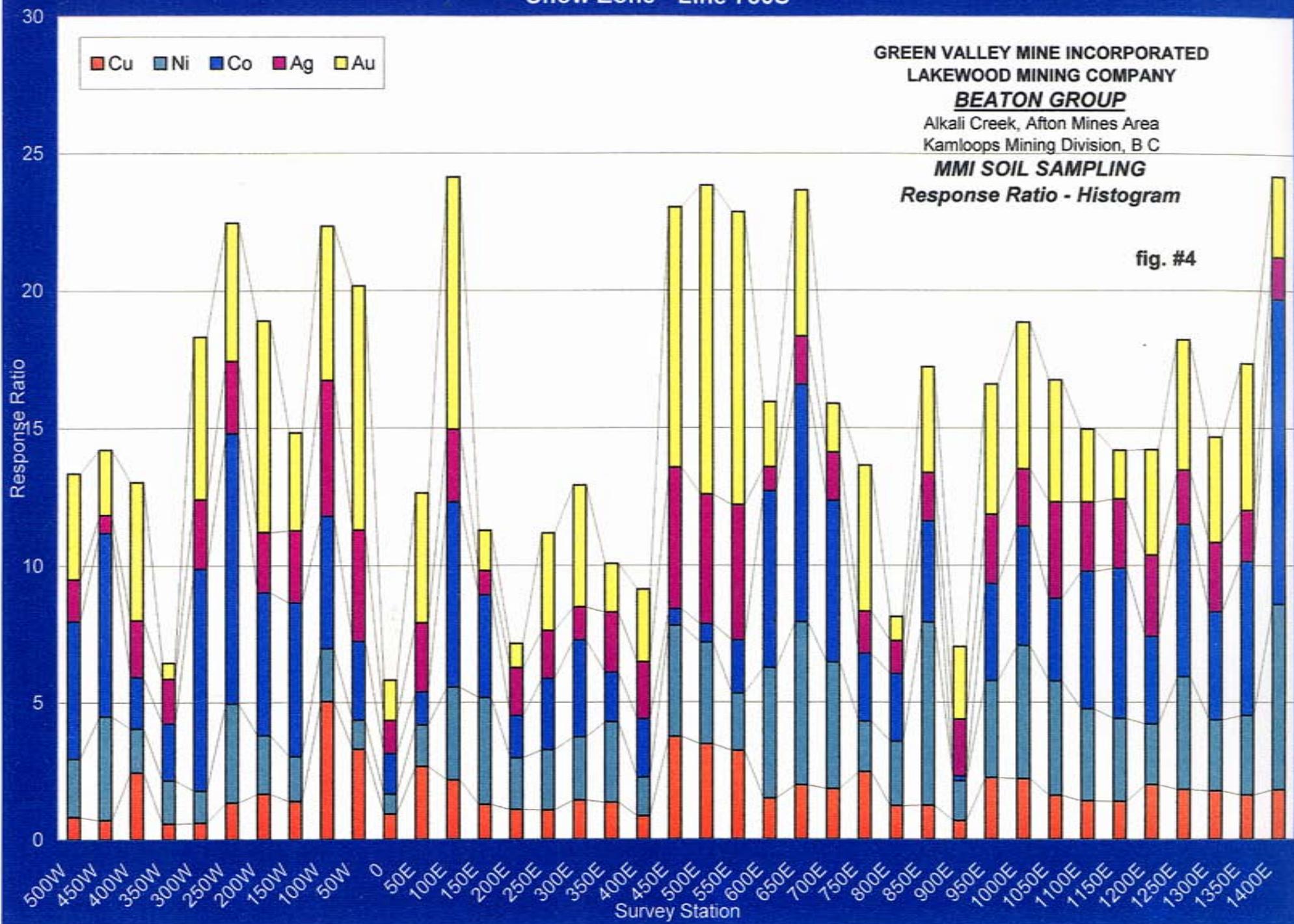


Snow Zone - Line 750S

■ Cu
 ■ Ni
 ■ Co
 ■ Ag
 ■ Au

GREEN VALLEY MINE INCORPORATED
LAKEWOOD MINING COMPANY
BEATON GROUP
 Alkali Creek, Afton Mines Area
 Kamloops Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram

fig. #4

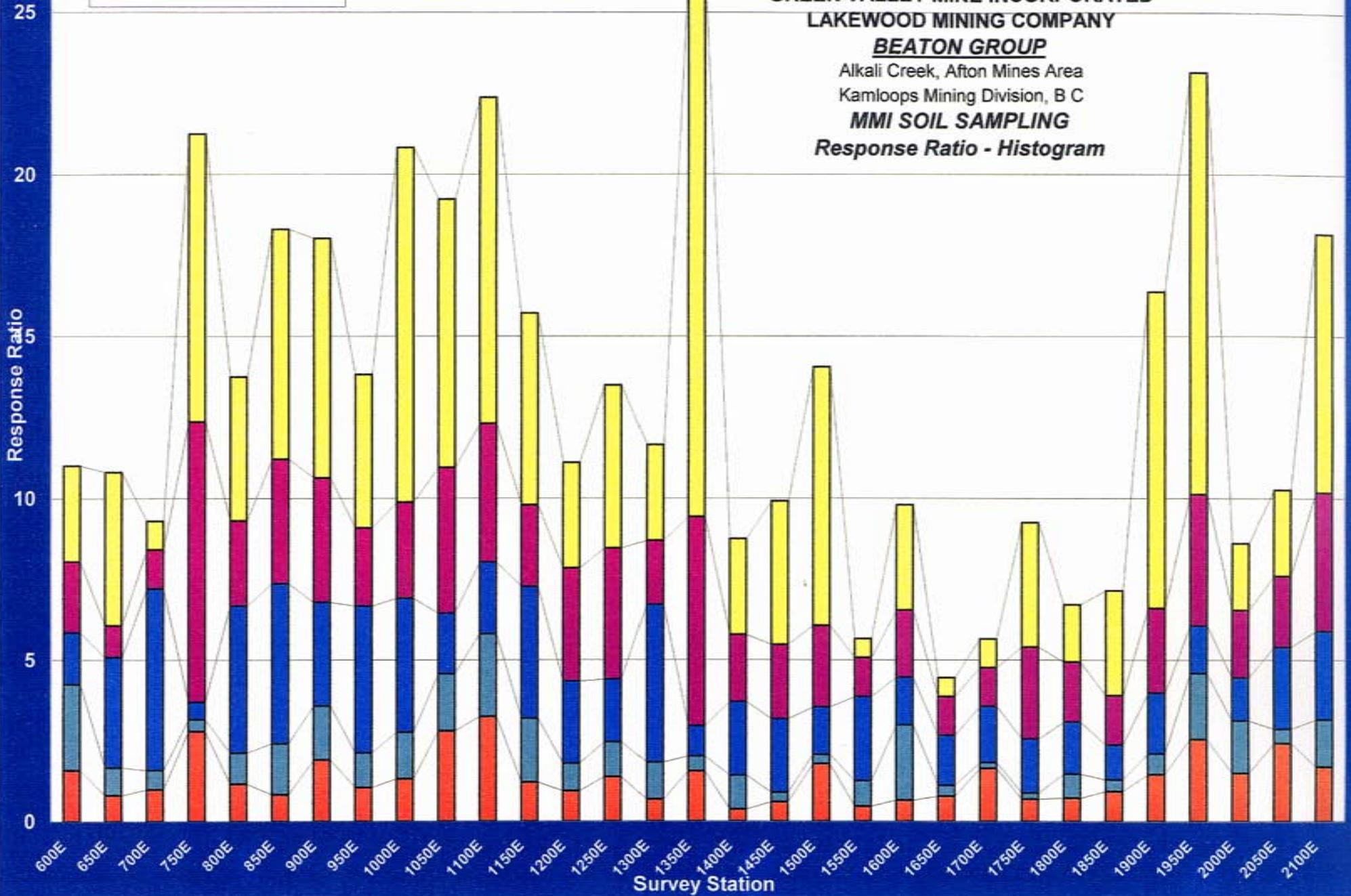


Ice Lake Zone - Line 300S

fig. #5

Cu Ni Co Ag Au

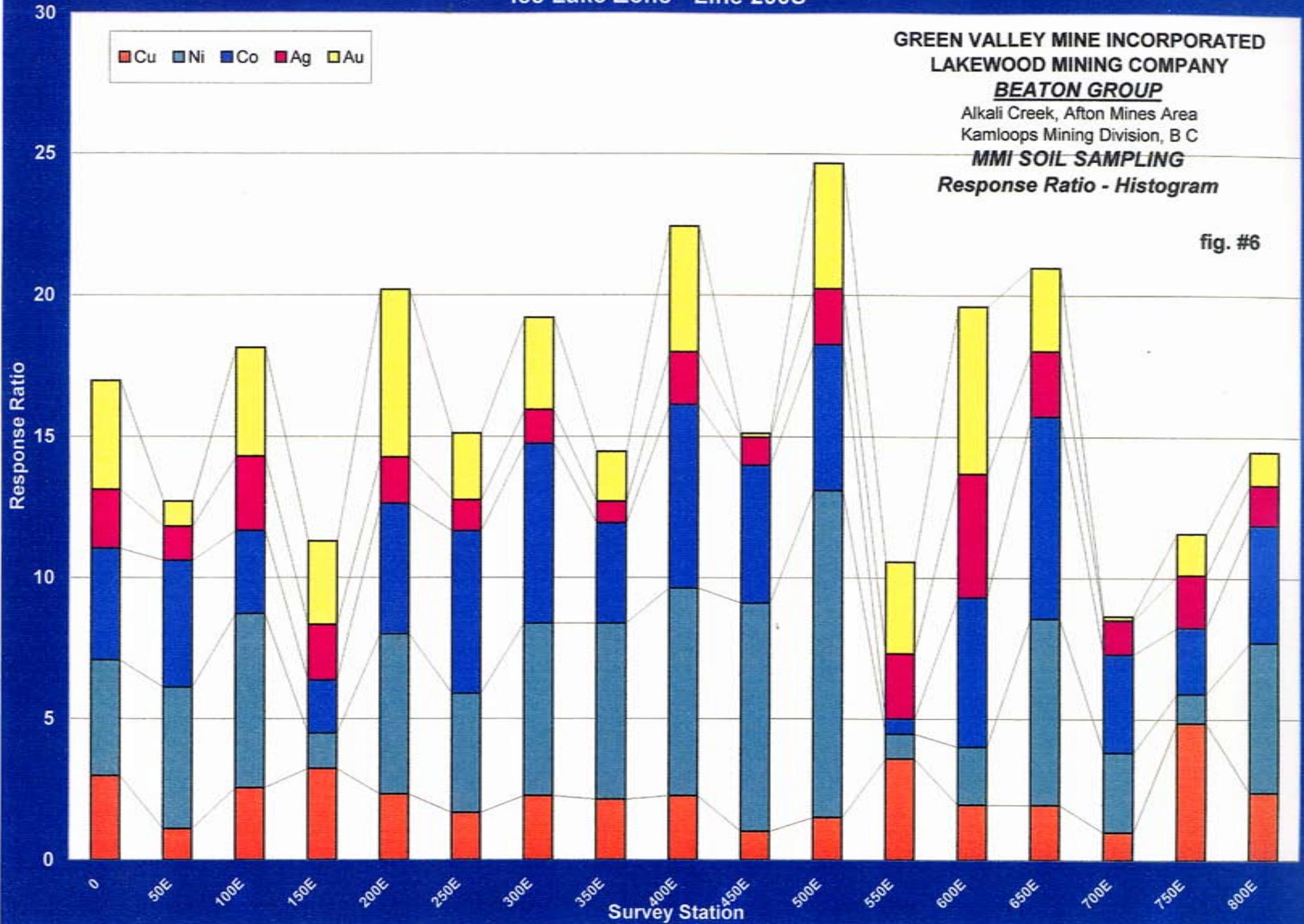
GREEN VALLEY MINE INCORPORATED
LAKELWOOD MINING COMPANY
BEATON GROUP
 Alkali Creek, Afton Mines Area
 Kamloops Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram



Ice Lake Zone - Line 200S

GREEN VALLEY MINE INCORPORATED
 LAKEWOOD MINING COMPANY
BEATON GROUP
 Alkali Creek, Afton Mines Area
 Kamloops Mining Division, B C
MMI SOIL SAMPLING
 Response Ratio - Histogram

fig. #6

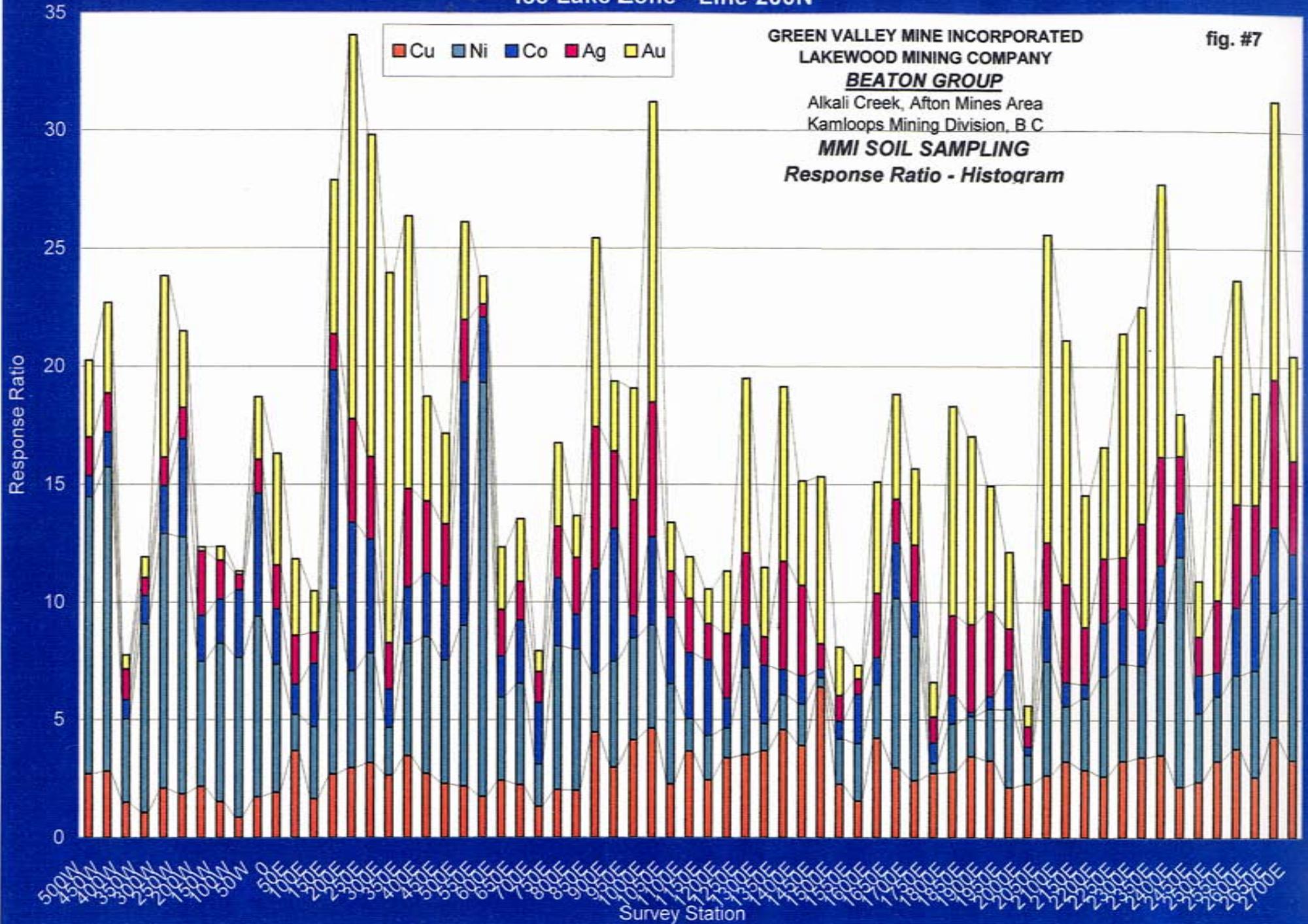


Ice Lake Zone - Line 200N

■ Cu
 ■ Ni
 ■ Co
 ■ Ag
 ■ Au

GREEN VALLEY MINE INCORPORATED
LAKWOOD MINING COMPANY
BEATON GROUP
 Alkali Creek, Afton Mines Area
 Kamloops Mining Division, B.C.
MMI SOIL SAMPLING
Response Ratio - Histogram

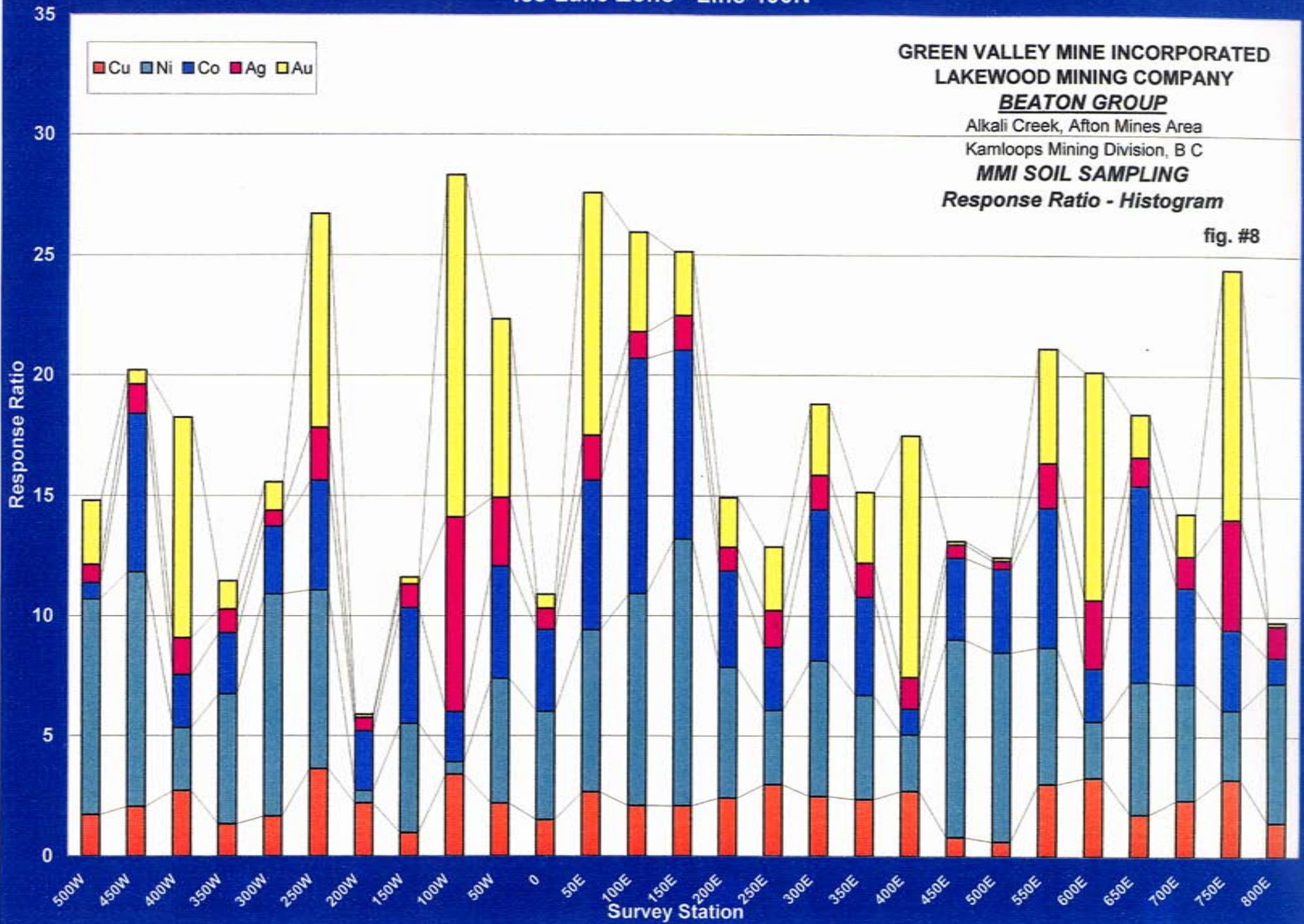
fig. #7



Ice Lake Zone - Line 400N

GREEN VALLEY MINE INCORPORATED
LAKWOOD MINING COMPANY
BEATON GROUP
 Alkali Creek, Afton Mines Area
 Kamloops Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram

fig. #8



Ice Lake Zone - Line 1000N

**GREEN VALLEY MINE INCORPORATED
LAKEWOOD MINING COMPANY**

fig. #9

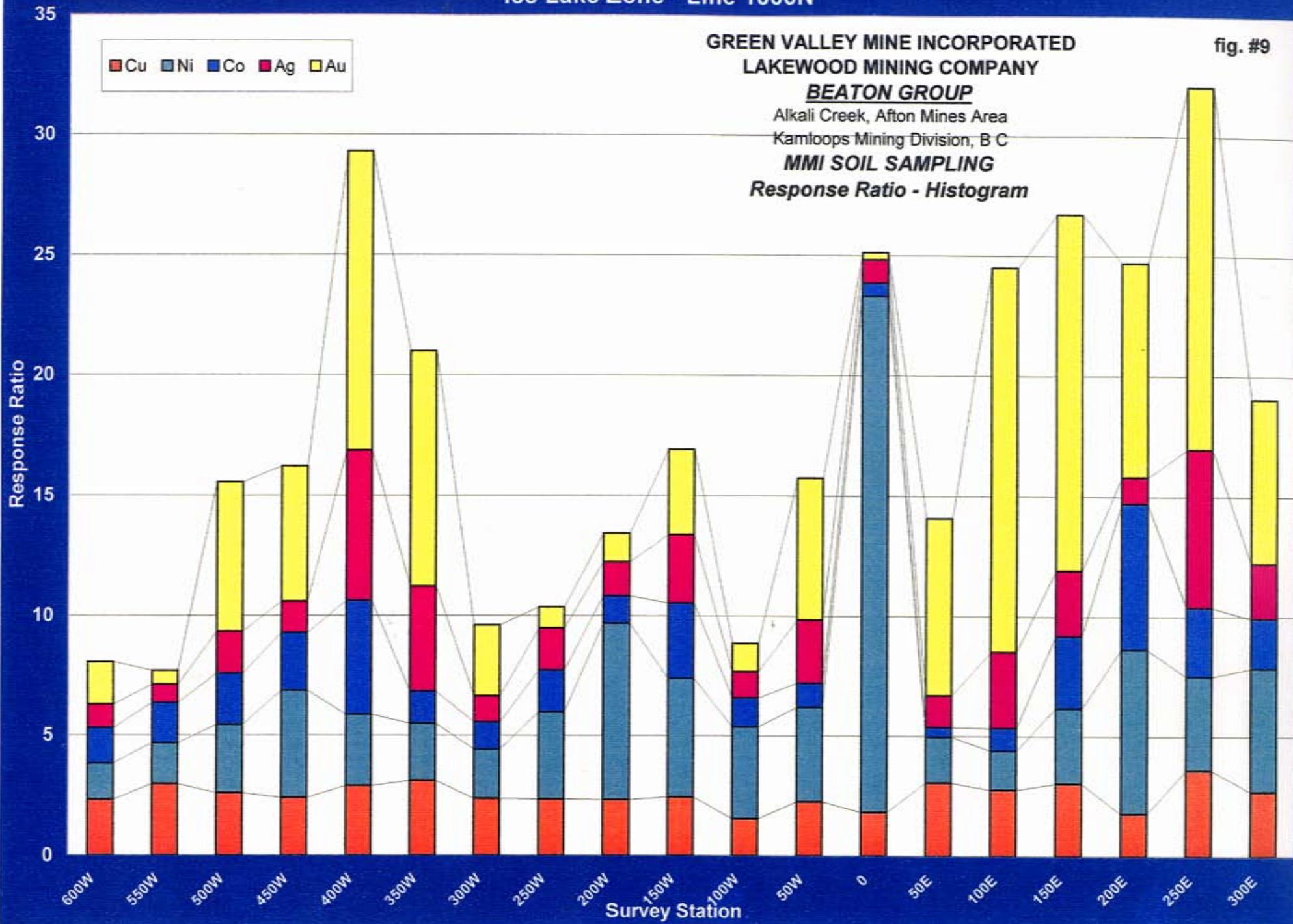
BEATON GROUP

Alkali Creek, Afton Mines Area

Kamloops Mining Division, B C

MMI SOIL SAMPLING

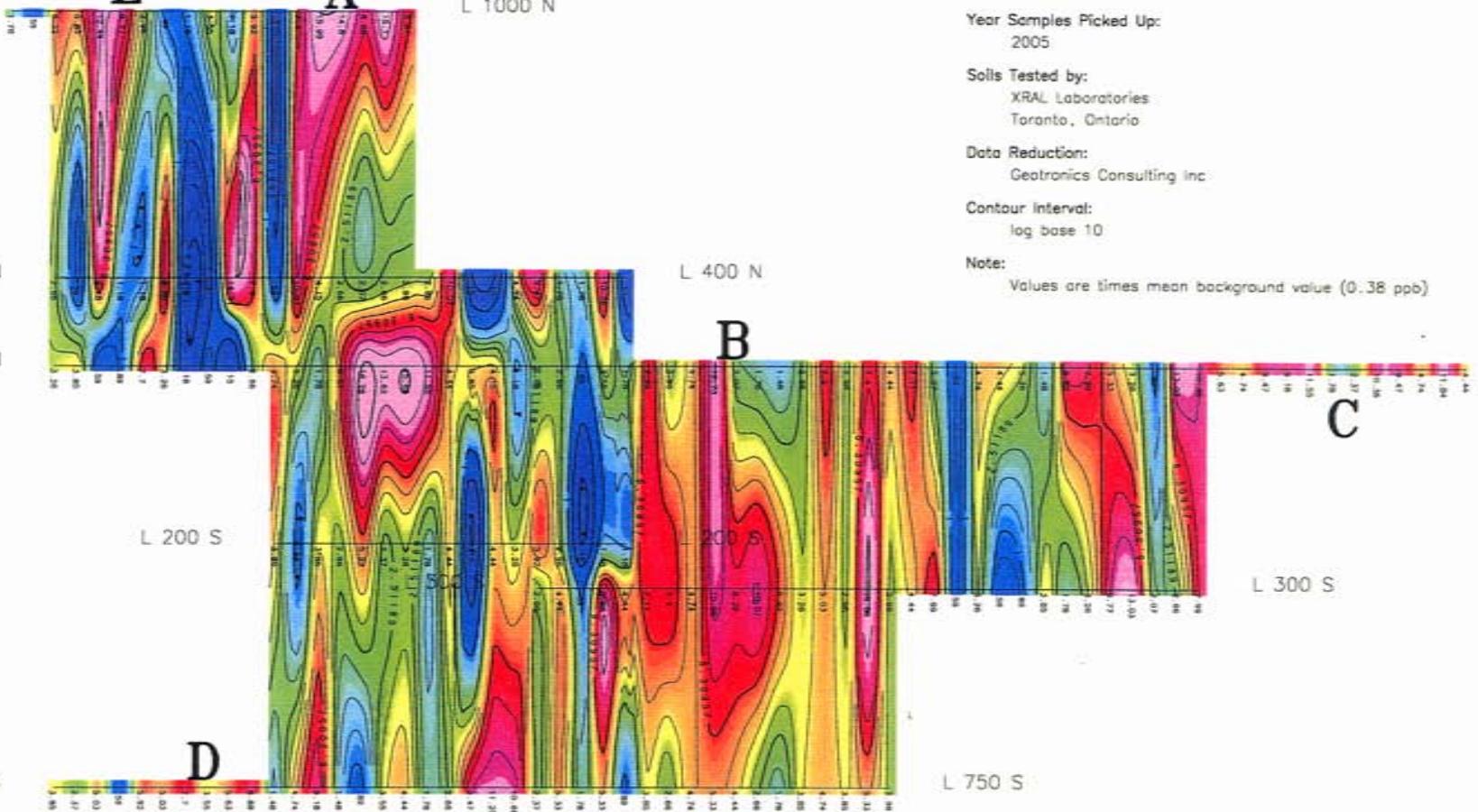
Response Ratio - Histogram



600W — 500W — 400W — 300W — 200W — 100W — 0 — 100E — 200E — 300E — 400E — 500E — 600E — 700E — 800E — 900E — 1000E — 1100E — 1200E — 1300E — 1400E — 1500E — 1600E — 1700E — 1800E — 1900E — 2000E — 2100E — 2200E — 2300E — 2400E — 2500E — 2600E — 2700E

L 1000 N

L 1000 N



Year Samples Picked Up:
2005

Soils Tested by:
XRAL Laboratories
Toronto, Ontario

Data Reduction:
Geotronics Consulting Inc.

Contour Interval:
log base 10

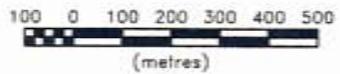
Note:
Values are times mean background value (0.38 ppb)



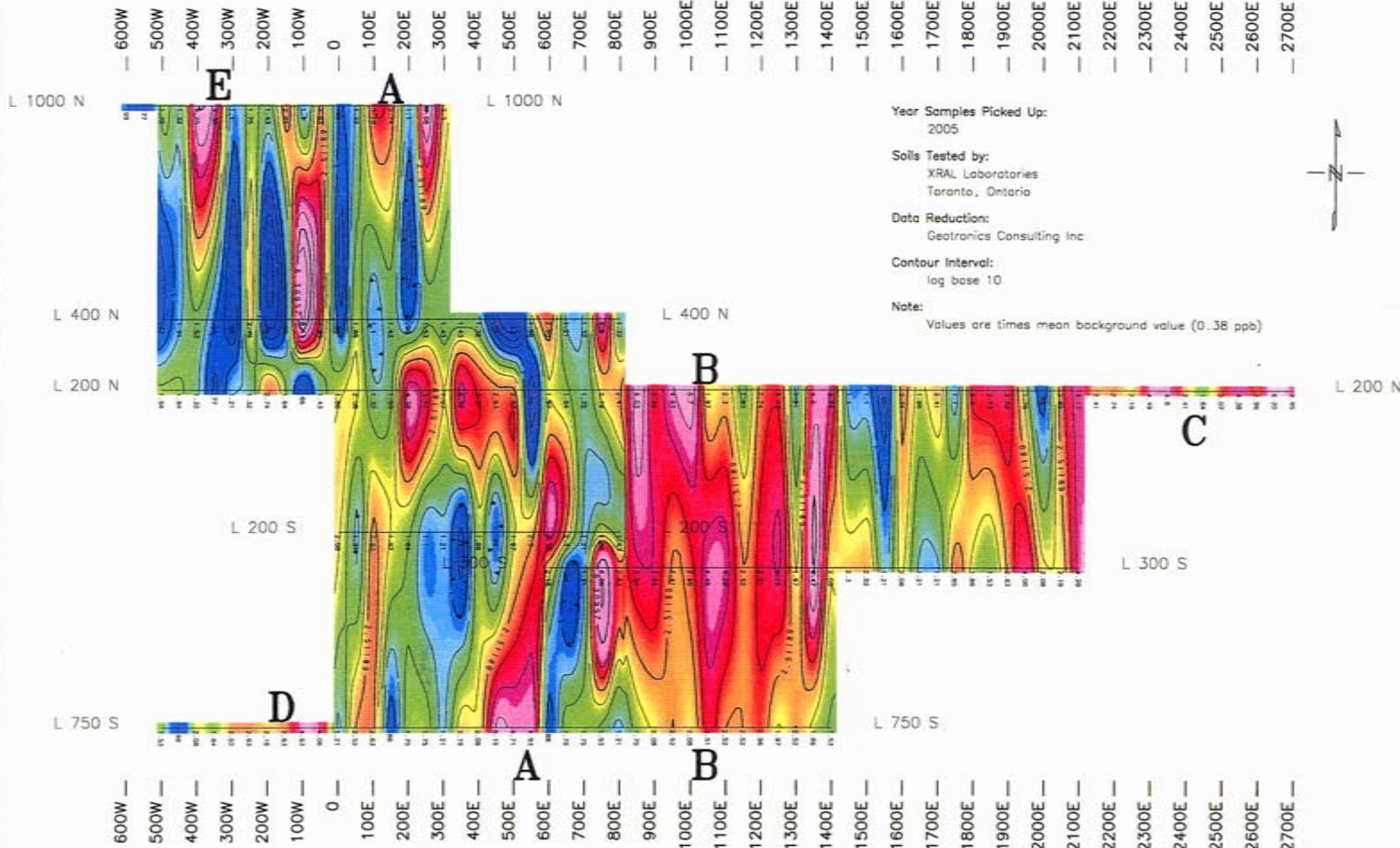
600W — 500W — 400W — 300W — 200W — 100W — 0 — 100E — 200E — 300E — 400E — 500E — 600E — 700E — 800E — 900E — 1000E — 1100E — 1200E — 1300E — 1400E — 1500E — 1600E — 1700E — 1800E — 1900E — 2000E — 2100E — 2200E — 2300E — 2400E — 2500E — 2600E — 2700E



Data Reduced by:
GEOTRONICS CONSULTING INC
SURREY BC.



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GREEN VALLEY MINE INCORPORATED LAKEWOOD MINING CO. LTD.			
BEATON CLAIM GROUP SNOW and ICE LAKE ZONES			
Beaton Creek, Alton Mines Area, Kamloops M.D., B.C.			
MMI SOIL GEOCHEMISTRY SURVEY			
RESPONSE RATIO CONTOUR PLAN MAP			
GOLD			
Drawn by: DGM	Job No. 05-18	NTS 92/10	Date May 08
			Fig No. GC-1



Year Samples Picked Up:
2005

Soils Tested by:
XRAL Laboratories
Toronto, Ontario

Data Reduction:
Geotronics Consulting Inc.

Contour Interval:
log base 10

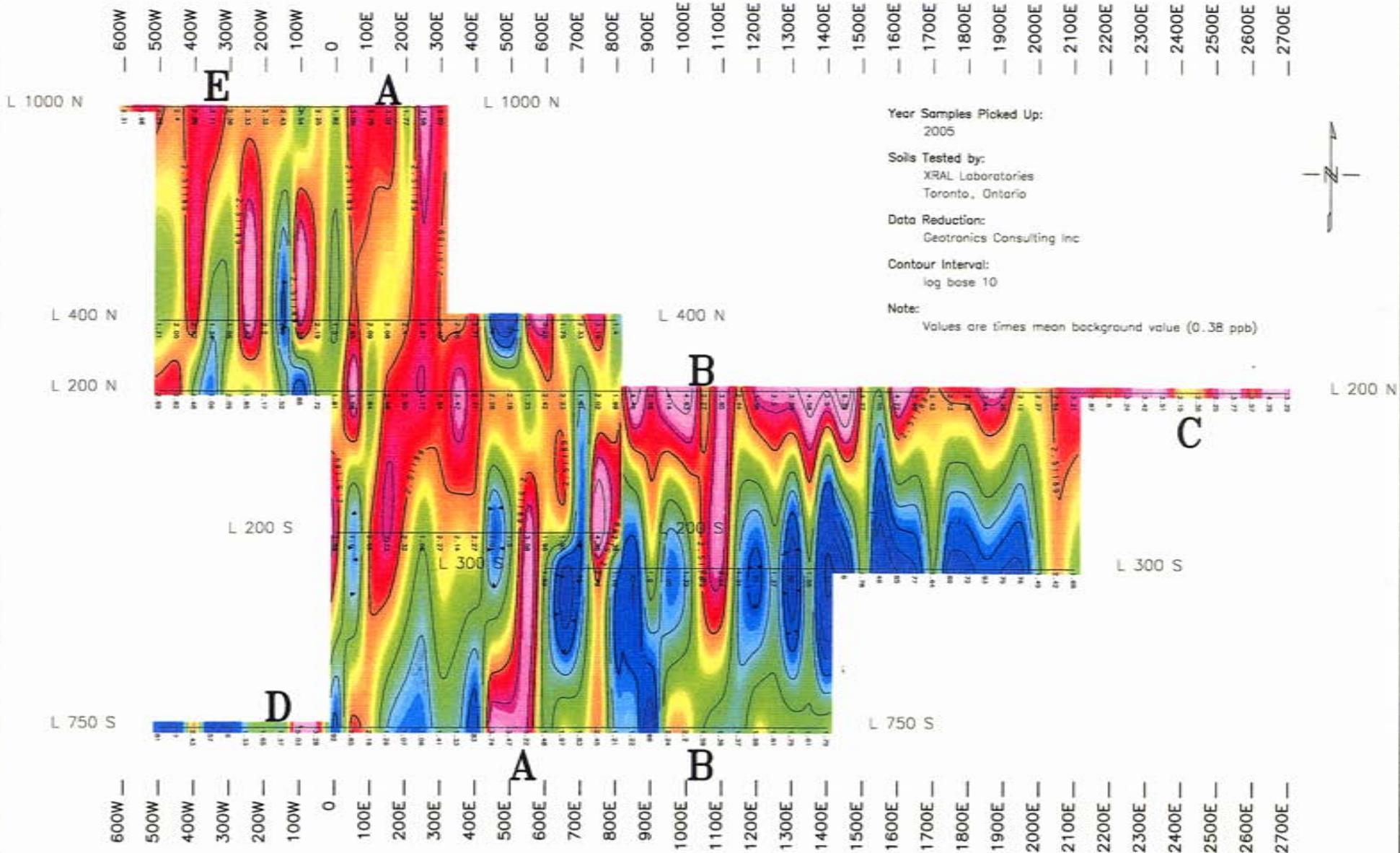
Note:
Values are times mean background value (0.38 ppb)



Data Reduced by:
GEOTRONICS CONSULTING INC
SURREY BC.



GEOTRONICS CONSULTING INC				
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BEATON CLAIM GROUP SNOW and ICE LAKE ZONES				
Beaton Creek, Afton Mines Area, Kamloops M.D., B.C.				
MMI SOIL GEOCHEMISTRY SURVEY				
RESPONSE RATIO CONTOUR PLAN MAP				
SILVER				
Drawn by: GCM	Job No. 05-18	NTS 92/10	Date May 06	Fig No. GC-2



Year Samples Picked Up:
2005

Soils Tested by:
XRAL Laboratories
Toronto, Ontario

Data Reduction:
Geotronics Consulting Inc

Contour Interval:
log base 10

Note:
Values are times mean background value (0.38 ppb)



Data Reduced by:

GEOTRONICS CONSULTING INC
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BEATON CLAIM GROUP SNOW and ICE LAKE ZONES			
Beaton Creek, Afton Mines Area, Kamloops M.D., B.C.			
MMI SOIL GEOCHEMISTRY SURVEY RESPONSE RATIO CONTOUR PLAN MAP COPPER			
Drawn by: DCM	Job No. 05-18	NTS 92/10	Date May 08
			Fig No. GC-3

600W 500W 400W 300W 200W 100W 0 100E 200E 300E 400E 500E 600E 700E 800E 900E 1000E 1100E 1200E 1300E 1400E 1500E 1600E 1700E 1800E 1900E 2000E 2100E 2200E 2300E 2400E 2500E 2600E 2700E

L 1000 N

L 1000 N

Year Samples Picked Up:
2005

Soils Tested by:
XRAL Laboratories
Toronto, Ontario

Data Reduction:
Geotronics Consulting Inc

Contour Interval:
log base 10

Note:
Values are times mean background value (0.38 ppb)



L 400 N

L 400 N

L 200 N

L 200 N

L 200 N

L 200 S

L 200 S

L 300 S

L 750 S

L 750 S

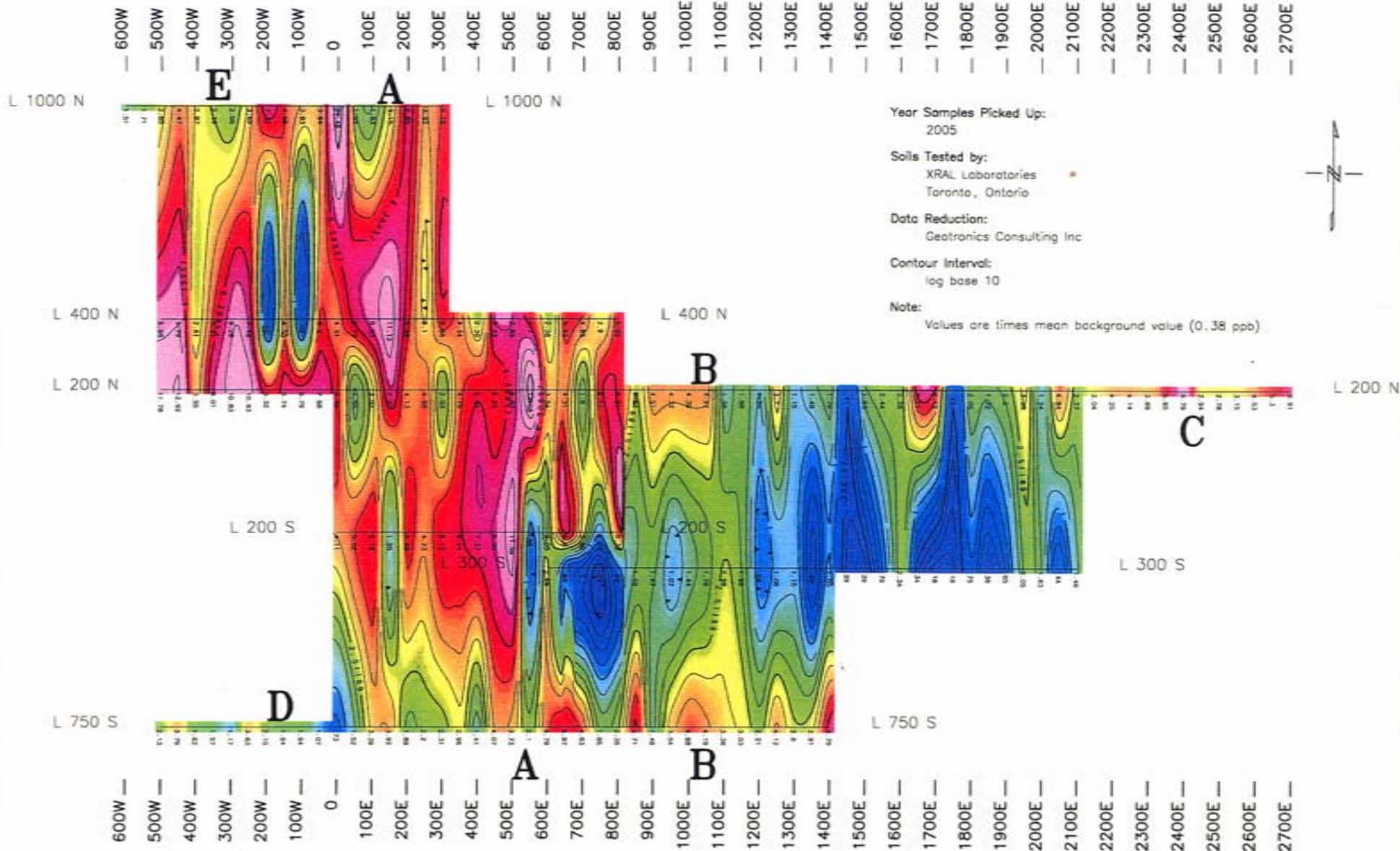
600W 500W 400W 300W 200W 100W 0 100E 200E 300E 400E 500E 600E 700E 800E 900E 1000E 1100E 1200E 1300E 1400E 1500E 1600E 1700E 1800E 1900E 2000E 2100E 2200E 2300E 2400E 2500E 2600E 2700E



Data Reduced by:
GEOTRONICS CONSULTING INC
SURREY BC.

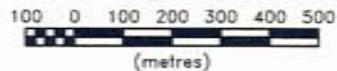


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BEATON CLAIM GROUP SNOW and ICE LAKE ZONES			
Beaton Creek, Alton Mines Area, Kamloops M.D., B.C.			
MMI SOIL GEOCHEMISTRY SURVEY RESPONSE RATIO CONTOUR PLAN MAP COBALT			
Drawn by: DCM	Job No. 05-18	MTS 92/10	Date May 06
			Fig No. GC-4



Data Reduced by:

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GREEN VALLEY MINE INCORPORATED LAKEWOOD MINING CO. LTD.				
BEATON CLAIM GROUP SNOW and ICE LAKE ZONES Beaton Creek, Afton Mines Area, Kamloops N.D., B.C.				
MMI SOIL GEOCHEMISTRY SURVEY RESPONSE RATIO CONTOUR PLAN MAP NICKEL				
Drawn by: DGM	Job No.: 05-18	NTS: 92/10	Date: May 05	Fig No.: GC-5

