

**GEOCHEMICAL REPORT
ON AN
MMI SOIL GEOCHEMISTRY SURVEY
OVER THE
POWERLINE, 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: 921/10E

WRITTEN FOR: GREEN VALLEY MINE INCORPORATED
LAKEWOOD MINING CO. LTD.
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DATED: April 30, 2012

**BC Geological Survey
Assessment Report
32987**

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1 SUMMARY

MMI (mobile metal ion) soil sampling along with grid emplacement was carried out during 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.

2 CONCLUSIONS

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.

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'.

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.

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.

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.

3 RECOMMENDATIONS

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.

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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1 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 4 to 7 men, under supervision of the writer. It is a follow-up to previous MMI sampling carried out in 2005 and 2006.

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.

2 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.

<u>Claim Name</u>	<u>Tenure #</u>	<u>Expiry Date</u>	<u>No. Units</u>	<u>Area (ha)</u>
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
Beaton 3	519883	September 13, 2013*		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.

3 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.

4 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.

5 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.

6 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

6.1 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."

7 MMI SOIL SAMPLING

7.1 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 (A₀ 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.)

7.2 **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.

7.3 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.

8 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.

Anomaly F is a fairly strong anomaly in silver, up to a response ratio of 66, or 33 ppb. It occurs at 1600E and is about 100 meters wide but may extend to the east to the end of the line at 2000E where it then would have a minimum width of 450 meters. The eastern part is lower in intensity being only up to 24 times background, or 12 ppb.

This anomaly is also anomalous in gold, with a response ratio of up to 17, or 4.8 ppb, and lead, with a response ratio of up to 13, or 20 ppb. The gold value may actually be significant considering the high background of 0.3 ppb, which is normal for the Afton area but high when compared to other areas where it usually is 0.05 ppb. In other words, a gold lab result of 4.8 ppb usually would mean a response ratio of 96.

Anomaly G occurs at the other end of the line and consists of anomalous lead response ratio values of up to 33, or 50 ppb. There are also correlating anomalous values in zinc, though on the low side, with a response ratio of up to 13 being a lab result of 170 ppb. There are no correlating values in gold or silver. This anomaly consists of only two values, but is located at the end of the line, and therefore is open to the west.

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10 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:

I am a graduate of the University of British Columbia (1968) and hold a B.Sc. degree in Geophysics.

I have been practicing my profession for the past 38 years, and have been active in the mining industry for the past 41 years.

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.

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.Ge. April 30, 2012
Geophysicist

11 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	100.00	
TOTAL	\$850.00	\$850.00
FIELD:		
MMI Sampling and Grid Emplacement,		
2-man crew, all-inclusive, 10 days @ \$850/day	\$8,500.00	
Shipping costs430.00	
TOTAL	\$8,930.00	\$8,930.00
LABORATORY:		
Testing of 198 samples @ \$33/sample	\$6,534.00	\$6,534.00
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 30, 2012

12 APPENDIX – GEOCHEMISTRY DATA

BEATON PROPERTY

MMI Data - 2005

ANALYTE		Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg	Mo
DETECTION(ppb)		1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1	5
Line 1000N																		
1000N	600W	9	<10	0.6	2750	<1	1041	<10	55	22	2390	40	20	11.4	54	51	247	2.5
1000N	550W	7	<10	0.2	1730	<1	889	<10	148	25	3060	61	33.8	16	79	89	224	2.5
1000N	500W	16	<10	2.1	5640	<1	981	<10	40	32	2680	29	14.5	7.7	36	30	187	2.5
1000N	450W	12	<10	1.9	3930	<1	1006	<10	28	36	2480	34	18.6	7.6	38	22	244	2.5
1000N	400W	57	50	4.2	1820	<1	773	<10	9	71	2990	<1	<0.5	<0.5	<1	6	118	2.5
1000N	350W	40	10	3.3	4510	<1	1068	<10	9	20	3210	6	3.4	0.7	5	3	147	2.5
1000N	300W	10	<10	1	3300	<1	954	<10	10	17	2440	10	5.6	1.8	10	4	212	8
1000N	250W	16	<10	0.3	5840	<1	977	<10	35	26	2410	46	23.6	12.6	61	44	238	2.5
1000N	200W	13	<10	0.4	300	<1	92	<10	<5	17	2400	<1	<0.5	<0.5	<1	1	473	41
1000N	150W	26	<10	1.2	4480	<1	1002	<10	10	47	2510	27	14.5	5.6	29	13	228	2.5
1000N	100W	10	<10	0.4	3220	<1	685	10	16	18	1590	35	15.8	10.2	48	25	414	2.5
1000N	50W	24	<10	2	7450	<1	877	<10	19	15	2320	31	15	8.1	40	23	280	2.5
1000N	0	9	<10	0.1	820	<1	655	<10	<5	8	1880	<1	<0.5	<0.5	<1	2	736	207
1000N	50E	12	10	2.5	3010	<1	1116	<10	<5	6	3150	<1	<0.5	<0.5	<1	<1	162	6
1000N	100E	29	30	5.4	6670	<1	1075	<10	<5	14	2850	1	0.7	<0.5	<1	<1	192	2.5
1000N	150E	25	20	5	6010	<1	1052	<10	12	45	3120	2	1.5	<0.5	<1	<1	113	2.5
1000N	200E	10	<10	3	8520	<1	994	10	87	91	1830	63	31.2	16.7	82	49	255	2.5
1000N	250E	60	20	5.1	4470	<1	886	<10	<5	43	3700	2	1.1	<0.5	<1	1	242	2.5
1000N	300E	21	<10	2.3	6490	<1	769	<10	47	31	2780	45	23.8	10.3	53	32	277	2.5
Line 400N																		
400N	500W	7	<10	0.9	5490	<1	889	<10	33	10	1770	52	28.3	11.6	61	37	316	2.5
400N	450W	11	<10	0.2	950	<1	489	<10	72	98	2120	84	44.5	18.7	97	34	472	7
400N	400W	14	<10	3.1	5500	<1	1110	<10	<5	33	2810	6	4.4	<0.5	4	<1	253	2.5
400N	350W	9	<10	0.4	6980	<1	952	20	53	38	1380	70	39.9	12.9	73	29	244	2.5
400N	300W	6	<10	0.4	4210	<1	550	10	104	42	1710	147	85.7	28.4	155	59	347	2.5
400N	250W	20	<10	3	4040	<1	1064	10	14	68	3740	17	9.8	2.9	16	5	210	2.5
400N	200W	5	<10	0.05	6640	<1	1019	<10	112	37	2270	51	27.7	13.2	65	67	209	2.5
400N	150W	9	<10	0.1	7990	<1	812	<10	111	72	990	125	77.4	22.1	123	68	232	2.5
400N	100W	74	<10	4.8	3490	<1	1363	<10	6	31	3500	3	1.9	<0.5	2	<1	107	2.5
400N	50W	26	<10	2.5	7320	<1	1108	10	18	70	2260	24	14.5	3	21	6	285	2.5
400N	0	8	<10	0.2	8860	<1	821	<10	186	51	1550	114	59.2	27.9	134	84	248	2.5
400N	50E	17	<10	3.4	6240	<1	1054	10	13	93	2740	20	12.6	2.3	16	4	202	2.5
400N	100E	10	<10	1.4	5380	<1	998	20	74	146	2160	37	19.1	7	39	13	176	2.5
400N	150E	13	<10	0.9	6000	<1	952	20	67	117	2150	52	28.7	10.4	54	29	192	2.5
400N	200E	9	<10	0.7	8840	<1	983	<10	98	60	2480	87	46	19.8	100	61	243	2.5
400N	250E	14	<10	0.9	6150	<1	1119	<10	52	39	3070	44	24.2	9	47	23	359	2.5
400N	300E	13	<10	1	8250	<1	1040	<10	72	94	2560	69	36.6	14.9	77	36	237	5
400N	350E	13	<10	1	5780	<1	1029	<10	33	61	2440	36	19.6	7.3	39	14	239	2.5
400N	400E	12	10	3.4	4150	<1	1021	<10	10	16	2800	7	4	1.2	7	4	167	2.5
400N	450E	5	<10	0.05	6670	<1	824	<10	382	51	820	163	102	29.5	159	101	157	2.5
400N	500E	3	<10	0.05	1210	<1	654	<10	30	52	630	11	5.9	2.6	13	11	491	20
400N	550E	17	<10	1.6	5640	<1	1125	10	83	87	3100	55	31.1	11.2	57	21	208	2.5
400N	600E	26	<10	3.2	4980	<1	1155	10	5	33	3370	5	3.3	<0.5	4	<1	133	2.5

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ANALYTE		Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl	U	W	Y	Yb
DETECTION(ppb)		0.5	1	5	10	1	1	5	1	1	1	10	10	0.5	3	0.5	1	1	5	1
Line 1000N																				
1000N	600W	<0.5	121	159	5	<1	20	27	<1	37	<1	8600	<10	4.1	9	<0.5	19	<1	238	13
1000N	550W	<0.5	188	180	20	<1	34	35	<1	53	<1	11600	<10	9	10	<0.5	13	<1	396	26
1000N	500W	<0.5	75	300	5	<1	12	26	<1	24	<1	6540	<10	2.9	12	<0.5	6	<1	175	10
1000N	450W	<0.5	59	470	20	<1	9	25	<1	22	<1	8950	<10	2.1	5	<0.5	3	<1	187	13
1000N	400W	<0.5	6	313	5	1	<1	17	3	<1	<1	3020	<10	<0.5	11	<0.5	2	<1	<5	<1
1000N	350W	<0.5	7	252	5	<1	<1	31	2	3	<1	5260	<10	<0.5	11	<0.5	4	<1	33	3
1000N	300W	<0.5	14	216	5	<1	1	48	<1	6	<1	5260	<10	<0.5	13	<0.5	5	<1	59	4
1000N	250W	<0.5	119	384	10	<1	19	63	<1	40	<1	8380	<10	4.8	16	<0.5	12	<1	277	17
1000N	200W	<0.5	<1	775	5	<1	<1	101	1	<1	<1	2910	<10	<0.5	10	<0.5	6	<1	<5	<1
1000N	150W	0.5	42	521	20	<1	6	44	<1	17	<1	7540	<10	0.8	21	<0.5	19	<1	147	11
1000N	100W	<0.5	77	403	20	<1	11	49	<1	30	<1	8240	<10	2	11	<0.5	26	<1	205	11
1000N	50W	<0.5	64	415	10	<1	10	29	<1	25	<1	6900	<10	2	9	<0.5	17	<1	188	10
1000N	0	<0.5	1	2260	5	<1	<1	143	1	<1	<1	4440	<10	<0.5	12	<0.5	18	<1	<5	<1
1000N	50E	<0.5	<1	202	5	<1	<1	33	<1	<1	<1	4480	<10	<0.5	12	<0.5	1	<1	<5	<1
1000N	100E	<0.5	<1	172	5	1	<1	26	<1	<1	<1	4410	<10	<0.5	13	<0.5	0.5	<1	<5	<1
1000N	150E	<0.5	<1	331	10	1	<1	20	<1	<1	<1	3570	<10	<0.5	8	<0.5	2	<1	9	1
1000N	200E	<0.5	144	721	20	<1	22	29	<1	52	<1	5490	<10	4.6	13	<0.5	21	<1	358	21
1000N	250E	<0.5	3	413	10	2	<1	22	1	<1	<1	3880	<10	<0.5	12	<0.5	2	<1	7	1
1000N	300E	<0.5	90	543	20	<1	14	27	<1	32	<1	4910	<10	2.6	17	<0.5	15	<1	258	18
Line 400N																				
400N	500W	<0.5	93	945	10	<1	15	17	<1	34	<1	5150	<10	2.7	4	<0.5	6	<1	301	21
400N	450W	<0.5	105	1030	30	<1	15	67	<1	52	<1	9650	<10	4.9	5	<0.5	21	<1	453	31
400N	400W	<0.5	1	275	10	<1	<1	11	<1	<1	<1	5960	<10	<0.5	9	<0.5	4	<1	30	4
400N	350W	<0.5	84	569	20	<1	13	57	<1	35	<1	6730	<10	3.7	7	<0.5	7	<1	360	28
400N	300W	<0.5	165	974	40	<1	26	55	<1	79	<1	13000	<10	5.1	<3	<0.5	21	1	784	61
400N	250W	<0.5	19	785	20	<1	2	25	<1	8	<1	5150	<10	1	13	<0.5	4	<1	85	7
400N	200W	0.5	136	55	20	<1	24	34	<1	41	<1	7960	<10	9.3	9	<0.5	26	1	312	19
400N	150W	<0.5	164	479	40	<1	28	26	<1	62	<1	6390	<10	6.6	8	<0.5	24	2	659	56
400N	100W	<0.5	1	55	5	1	<1	8	<1	<1	<1	5070	<10	<0.5	6	<0.5	2	<1	16	2
400N	50W	<0.5	17	547	20	<1	1	9	<1	8	<1	5780	<10	<0.5	11	<0.5	11	<1	142	10
400N	0	<0.5	224	475	20	<1	38	33	<1	84	<1	4790	<10	11.6	10	<0.5	11	<1	606	39
400N	50E	<0.5	12	712	20	<1	<1	12	<1	5	<1	4880	<10	<0.5	4	<0.5	3	<1	102	9
400N	100E	<0.5	44	929	30	<1	6	23	<1	18	<1	4840	<10	1.7	9	<0.5	3	<1	185	12
400N	150E	<0.5	77	1170	30	<1	13	37	<1	29	<1	6020	<10	3.6	13	<0.5	11	<1	280	20
400N	200E	<0.5	162	574	30	<1	27	52	<1	59	<1	6320	<10	5.4	9	<0.5	17	<1	493	31
400N	250E	<0.5	65	326	20	<1	9	11	<1	25	<1	9790	<10	3.9	10	<0.5	17	<1	258	16
400N	300E	<0.5	101	596	20	<1	15	28	<1	39	<1	6060	<10	3.6	10	<0.5	21	<1	371	25
400N	350E	<0.5	47	457	30	<1	6	19	<1	21	<1	5620	<10	1.7	13	<0.5	11	<1	207	13
400N	400E	<0.5	10	248	10	<1	<1	13	<1	4	<1	4120	<10	<0.5	14	<0.5	3	<1	41	3
400N	450E	<0.5	237	866	40	<1	42	55	<1	87	<1	6190	<10	6.8	5	<0.5	15	<1	902	78
400N	500E	<0.5	24	830	40	<1	3	178	<1	8	<1	6360	<10	3.2	18	<0.5	9	<1	60	4
400N	550E	<0.5	66	600	20	<1	10	29	<1	29	<1	6240	<10	3.1	15	<0.5	4	<1	292	21
400N	600E	<0.5	3	248	10	<1	<1	18	<1	1	<1	4490	<10	<0.5	9	<0.5	2	<1	25	3

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ANALYTE		Zn	Zr
DETECTION(ppb)		20	5
Line 1000N			
1000N	600W	20	6
1000N	550W	20	19
1000N	500W	70	11
1000N	450W	60	<5
1000N	400W	50	8
1000N	350W	10	9
1000N	300W	10	9
1000N	250W	60	16
1000N	200W	10	13
1000N	150W	90	7
1000N	100W	70	9
1000N	50W	130	7
1000N	0	10	6
1000N	50E	10	7
1000N	100E	10	6
1000N	150E	20	7
1000N	200E	90	11
1000N	250E	60	6
1000N	300E	120	11
Line 400N			
400N	500W	30	<5
400N	450W	70	6
400N	400W	60	<5
400N	350W	230	<5
400N	300W	90	<5
400N	250W	110	<5
400N	200W	80	18
400N	150W	130	13
400N	100W	20	<5
400N	50W	30	<5
400N	0	160	12
400N	50E	140	<5
400N	100E	130	<5
400N	150E	240	10
400N	200E	140	14
400N	250E	210	9
400N	300E	90	9
400N	350E	80	8
400N	400E	90	5
400N	450E	150	13
400N	500E	210	15
400N	550E	100	<5
400N	600E	50	<5

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ANALYTE		Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg	Mo
DETECTION(ppb)		1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1	5
400N	650E	11	<10	0.6	6170	<1	1001	10	68	122	1810	51	29.1	9.6	52	15	229	2.5
400N	700E	12	<10	0.6	5980	<1	1112	10	60	60	2410	57	27.4	14.8	69	26	248	2.5
400N	750E	42	<10	3.5	4170	<1	789	<10	14	50	3300	2	1	<0.5	1	5	119	2.5
400N	800E	12	30	0.05	710	<1	262	<10	5	16	1450	<1	<0.5	<0.5	<1	4	813	68
Line 200N																		
200N	500W	15	<10	1.1	2480	<1	795	<10	15	13	2780	11	6.2	2.8	13	12	219	7
200N	450W	15	<10	1.3	5390	<1	946	<10	25	22	2910	38	19.3	8.8	44	20	254	2.5
200N	400W	12	<10	0.2	3900	<1	874	<10	28	12	1530	27	13.4	6	32	15	179	2.5
200N	350W	7	<10	0.3	2390	<1	420	<10	82	18	1090	115	59.4	27.2	141	59	460	2.5
200N	300W	11	<10	2.6	5700	<1	816	10	82	30	2160	94	46.4	21.3	113	50	369	5
200N	250W	12	<10	1.1	8630	<1	961	10	171	62	1910	157	86.7	32.7	177	93	295	2.5
200N	200W	25	<10	1.1	8970	<1	905	<10	120	29	2240	129	65.1	31.2	156	91	318	2.5
200N	150W	15	<10	0.2	6100	<1	479	<10	80	28	1570	181	96.2	42.7	219	103	508	6
200N	100W	6	<10	0.05	5580	<1	675	<10	204	43	890	118	60.3	30.1	146	102	290	2.5
200N	50W	13	<10	0.9	7190	<1	1081	10	165	78	1780	90	49.7	19.1	100	55	277	2.5
200N	0	17	<10	1.6	6210	<1	881	<10	130	35	1970	103	58.2	23.5	146	41	247	2.5
200N	50E	19	<10	1.1	3360	<1	696	<10	30	19	3800	28	16.3	4.3	33	<1	534	20
200N	100E	12	<10	0.6	7300	<1	866	<10	111	40	1690	115	63.9	25.1	159	37	381	2.5
200N	150E	14	<10	2.2	6390	<1	1020	10	93	138	2770	43	23.1	9.5	59	10	209	2.5
200N	200E	40	<10	5.5	7000	<1	1119	10	22	94	3050	17	9.5	2.7	21	<1	223	2.5
200N	250E	32	10	4.6	6060	<1	1118	10	34	72	3270	32	17.3	6.2	43	5	219	5
200N	300E	18	20	5.3	6350	<1	1078	<10	7	24	2730	11	6	1.9	15	<1	225	2.5
200N	350E	38	20	3.9	5480	<1	985	10	22	36	3580	22	11.1	4.7	32	3	222	2.5
200N	400E	28	<10	1.5	6950	<1	876	10	146	40	2800	88	44.2	21.9	131	47	248	2.5
200N	450E	24	10	1.3	7110	<1	918	<10	103	47	2360	76	39.5	18.2	113	38	234	2.5
200N	500E	24	<10	1.4	10800	<1	1069	20	124	154	2250	102	55.3	22	138	36	189	2.5
200N	550E	5	<10	0.4	1020	<1	507	<10	<5	41	1790	<1	0.5	<0.5	2	<1	208	61
200N	600E	18	<10	0.9	8930	<1	961	<10	111	26	2500	83	44.3	20.6	124	49	215	2.5
200N	650E	15	<10	0.9	9030	<1	984	10	147	40	2300	83	43.4	20.8	125	48	230	2.5
200N	700E	12	<10	0.3	5840	<1	1005	<10	89	39	1350	72	38.3	17.5	107	28	342	2.5
200N	750E	20	<10	1.2	6370	<1	961	10	141	43	2090	80	39.3	20.7	119	36	216	2.5
200N	800E	22	<10	0.6	7130	<1	832	10	155	22	2060	106	53.6	28.3	161	69	253	2.5
200N	850E	55	10	2.7	4910	<1	998	10	<5	66	4610	4	2.1	<0.5	5	<1	186	2.5
200N	900E	30	<10	1	6850	<1	1100	20	60	84	3080	40	20.1	9.4	57	9	248	2.5
200N	950E	45	30	1.6	4000	<1	967	10	<5	14	4280	4	2.4	0.7	6	<1	189	2.5
200N	1000E	52	<10	4.3	5670	<1	1054	10	7	56	4780	12	6.7	2.3	17	<1	210	2.5
200N	1050E	18	<10	0.7	7680	<1	906	10	139	42	2340	108	53.6	28.8	166	63	265	6
200N	1100E	21	<10	0.6	5580	<1	1106	<10	49	42	3770	47	22.7	12.5	75	27	267	2.5
200N	1150E	14	10	0.5	4140	<1	1046	10	35	48	2520	31	16.2	7.8	45	8	220	2.5
200N	1200E	25	<10	0.9	4090	<1	1120	10	40	19	3490	29	14.6	7.8	47	13	202	6
200N	1250E	28	10	2.5	2960	<1	962	10	12	27	3620	18	9.1	4.4	28	3	248	7
200N	1300E	11	<10	1	4840	<1	1257	<10	70	37	3800	39	18.1	11.9	68	23	234	5
200N	1350E	42	10	2.5	6400	<1	1185	20	<5	16	4730	8	3.8	1.3	10	<1	204	2.5
200N	1400E	35	10	1.5	4900	<1	985	<10	<5	18	4030	1	0.9	<0.5	2	<1	166	2.5

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ANALYTE		Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl	U	W	Y	Yb
DETECTION(ppb)		0.5	1	5	10	1	1	5	1	1	1	10	10	0.5	3	0.5	1	1	5	1
400N	650E	<0.5	52	581	30	<1	7	16	<1	24	<1	6750	<10	2.1	7	<0.5	5	<1	262	19
400N	700E	<0.5	89	510	20	<1	13	34	<1	38	<1	6620	<10	3.6	14	<0.5	8	<1	301	18
400N	750E	<0.5	6	305	5	1	<1	31	1	<1	<1	3850	<10	<0.5	11	<0.5	2	<1	10	<1
400N	800E	<0.5	5	612	5	<1	<1	220	1	<1	<1	7810	<10	<0.5	13	<0.5	10	<1	<5	<1
Line 200N																				
200N	500W	<0.5	26	1240	10	<1	4	41	<1	8	<1	3000	<10	1.6	20	<0.5	2	<1	72	5
200N	450W	<0.5	58	1360	10	<1	8	25	<1	24	<1	4520	<10	3	16	<0.5	4	<1	223	14
200N	400W	0.5	46	374	5	<1	7	62	<1	18	<1	5670	<10	2.5	18	<0.5	5	<1	168	9
200N	350W	<0.5	207	843	40	<1	30	23	<1	85	<1	6480	<10	5	21	<0.5	40	1	682	39
200N	300W	<0.5	145	1140	30	<1	22	23	<1	60	<1	6600	<10	3.9	11	<0.5	15	1	547	30
200N	250W	0.5	247	1150	60	<1	42	38	<1	95	<1	6970	<10	8.4	11	<0.5	30	1	873	58
200N	200W	<0.5	252	560	30	<1	42	40	<1	95	<1	8590	<10	9.2	10	<0.5	23	2	740	43
200N	150W	<0.5	330	709	50	<1	50	31	<1	132	<1	13500	<10	6.6	14	<0.5	53	2	1120	66
200N	100W	0.6	264	714	40	<1	44	40	<1	95	<1	6120	<10	12.4	13	<0.5	19	2	670	39
200N	50W	0.8	143	808	40	<1	23	29	<1	54	<1	5590	<10	10.7	17	<0.5	17	3	499	34
200N	0	0.6	134	574	40	<1	21	26	<1	64	<1	6320	<10	7.2	<3	<0.5	16	3	520	41
200N	50E	<0.5	13	163	20	<1	1	40	<1	10	<1	37300	<10	1.2	5	<0.5	3	2	143	12
200N	100E	<0.5	131	323	40	<1	19	28	<1	67	<1	13000	<10	6.4	<3	<0.5	23	1	572	41
200N	150E	<0.5	47	832	20	<1	7	23	<1	24	<1	5570	<10	3.1	<3	<0.5	7	1	194	15
200N	200E	<0.5	10	435	10	1	<1	11	<1	6	<1	5540	<10	0.6	<3	<0.5	4	<1	76	7
200N	250E	<0.5	28	492	20	1	4	15	<1	15	<1	5390	<10	1.3	<3	<0.5	5	<1	154	12
200N	300E	<0.5	7	214	5	1	<1	11	<1	5	<1	4950	<10	<0.5	<3	<0.5	5	<1	60	4
200N	350E	<0.5	23	501	10	<1	3	24	<1	12	<1	6090	<10	1.2	3	<0.5	14	<1	112	8
200N	400E	<0.5	143	613	30	<1	24	42	<1	63	<1	6510	<10	7.9	7	<0.5	19	<1	438	31
200N	450E	0.6	118	553	30	<1	19	37	<1	52	<1	6220	<10	8	5	<0.5	23	<1	390	28
200N	500E	<0.5	117	719	30	<1	19	39	<1	57	1	5010	<10	6.8	7	<0.5	10	<1	475	38
200N	550E	<0.5	5	1850	5	<1	<1	56	<1	<1	<1	3560	<10	<0.5	7	<0.5	7	<1	6	<1
200N	600E	<0.5	137	372	20	<1	23	37	<1	58	<1	5710	<10	6	4	<0.5	19	<1	442	31
200N	650E	<0.5	135	454	20	<1	23	33	<1	59	<1	6490	<10	7	3	<0.5	12	<1	426	31
200N	700E	<0.5	99	189	20	<1	15	22	<1	47	<1	8550	<10	5.9	<3	<0.5	12	<1	366	25
200N	750E	<0.5	121	643	30	<1	20	37	<1	57	<1	6750	<10	5.5	<3	<0.5	16	<1	389	26
200N	800E	<0.5	191	632	30	<1	34	69	<1	82	<1	7180	<10	5.6	4	<0.5	26	<1	515	39
200N	850E	<0.5	2	265	5	1	<1	30	<1	1	<1	5430	<10	<0.5	<3	<0.5	3	<1	17	2
200N	900E	<0.5	41	475	20	<1	6	32	<1	23	<1	7670	<10	1.8	<3	<0.5	13	<1	191	13
200N	950E	<0.5	3	455	5	<1	<1	46	<1	2	<1	4990	<10	<0.5	<3	<0.5	3	<1	23	2
200N	1000E	<0.5	10	462	5	1	<1	31	<1	6	<1	6650	<10	<0.5	<3	<0.5	8	<1	61	5
200N	1050E	<0.5	185	449	20	<1	30	54	<1	81	<1	7000	<10	8.2	<3	<0.5	28	<1	525	36
200N	1100E	0.8	83	145	20	<1	14	22	<1	35	<1	10700	<10	4.3	<3	<0.5	27	<1	232	15
200N	1150E	0.5	37	198	10	<1	5	14	<1	18	<1	6030	<10	1.8	3	<0.5	13	<1	163	12
200N	1200E	0.6	49	133	10	<1	8	39	<1	22	<1	11800	<10	3	<3	<0.5	10	<1	151	10
200N	1250E	<0.5	21	389	20	<1	3	62	<1	12	<1	13000	<10	1	<3	<0.5	6	<1	90	6
200N	1300E	<0.5	74	121	10	<1	12	14	<1	32	<1	11200	<10	4.3	<3	<0.5	10	<1	190	11
200N	1350E	<0.5	5	156	5	<1	<1	22	<1	3	<1	6810	<10	<0.5	<3	<0.5	6	<1	36	3
200N	1400E	<0.5	<1	185	5	<1	<1	36	<1	<1	<1	7110	<10	<0.5	<3	<0.5	1	<1	8	<1

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ANALYTE		Zn	Zr
DETECTION(ppb)		20	5
400N	650E	80	<5
400N	700E	90	7
400N	750E	30	8
400N	800E	50	13
Line 200N			
200N	500W	90	10
200N	450W	40	10
200N	400W	160	11
200N	350W	70	18
200N	300W	100	10
200N	250W	150	28
200N	200W	70	20
200N	150W	130	21
200N	100W	120	25
200N	50W	290	13
200N	0	130	13
200N	50E	10	6
200N	100E	110	11
200N	150E	130	6
200N	200E	70	<5
200N	250E	40	<5
200N	300E	50	<5
200N	350E	80	9
200N	400E	180	17
200N	450E	120	19
200N	500E	280	13
200N	550E	30	<5
200N	600E	220	18
200N	650E	180	12
200N	700E	150	6
200N	750E	190	12
200N	800E	120	28
200N	850E	30	<5
200N	900E	60	6
200N	950E	10	6
200N	1000E	40	<5
200N	1050E	80	21
200N	1100E	80	16
200N	1150E	150	11
200N	1200E	50	14
200N	1250E	90	9
200N	1300E	90	5
200N	1350E	10	<5
200N	1400E	40	<5

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ANALYTE		Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg	Mo
DETECTION(ppb)		1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1	5
200N	1450E	10	<10	2.4	2920	<1	1145	<10	<5	5	6600	<1	<0.5	<0.5	1	<1	61	15
200N	1500E	10	<10	0.7	2180	<1	1292	<10	<5	11	2340	7	4.1	1.2	9	<1	201	2.5
200N	1550E	6	<10	0.2	5180	<1	1245	10	56	31	1600	65	32	16.6	92	19	245	2.5
200N	1600E	25	20	1.6	2800	<1	1305	10	6	17	4360	11	6	2.3	15	<1	220	2.5
200N	1650E	17	<10	1.5	6340	<1	950	10	124	35	3060	81	43.9	19.8	116	40	278	2.5
200N	1700E	22	10	1.1	4420	<1	1072	10	27	22	2500	38	19.1	8.9	54	9	256	2.5
200N	1750E	10	<10	0.5	2770	<1	1040	<10	42	13	2820	22	10.1	7.5	41	20	132	2.5
200N	1800E	31	10	3	5560	<1	1192	10	19	18	2870	19	9.5	4.1	26	2	141	2.5
200N	1850E	34	10	2.7	2010	<1	1059	<10	<5	<5	3550	<1	<0.5	<0.5	1	<1	116	2.5
200N	1900E	33	<10	1.8	1990	<1	1058	<10	<5	8	3370	2	1	<0.5	2	<1	209	5
200N	1950E	16	<10	1.1	3820	<1	1168	10	24	25	2190	25	12.3	5.8	36	3	284	5
200N	2000E	8	<10	0.3	2190	<1	1247	<10	7	5	2340	12	5.8	3.2	19	<1	145	17
200N	2050E	26	<10	4.4	3870	<1	935	10	51	33	2730	43	21.1	10.9	65	18	259	8
200N	2100E	38	10	3.5	2420	<1	888	<10	<5	15	3320	<1	0.5	<0.5	2	<1	112	2.5
200N	2150E	22	10	1.9	3060	<1	1011	10	<5	9	2970	7	3.5	1	9	<1	237	2.5
200N	2200E	25	10	1.6	5900	<1	937	20	23	34	2690	23	12.5	4.5	32	2	264	7
200N	2250E	20	10	3.2	4750	<1	1065	<10	14	35	3350	12	6.3	2.3	17	<1	189	2.5
200N	2300E	41	<10	3.1	4280	<1	1034	<10	6	23	3530	5	2.5	0.6	7	<1	146	2.5
200N	2350E	42	<10	3.9	5090	<1	975	10	<5	36	3630	12	6.8	2	16	<1	298	2.5
200N	2400E	22	<10	0.6	3870	<1	751	20	56	28	2220	57	25.5	18	100	27	237	6
200N	2450E	15	<10	0.8	5170	<1	839	10	28	24	2440	25	12.4	6.4	40	7	178	2.5
200N	2500E	28	<10	3.5	4280	<1	968	<10	5	15	3360	7	3.7	1	9	<1	171	2.5
200N	2550E	40	<10	3.2	3210	<1	713	<10	6	43	3890	2	0.9	<0.5	2	<1	114	2.5
200N	2600E	27	<10	1.6	7310	<1	892	10	24	61	2660	22	12	4	30	1	260	2.5
200N	2650E	57	<10	4	5550	<1	695	10	11	54	4430	6	3.7	0.8	8	<1	252	2.5
200N	2700E	36	<10	1.5	5740	<1	880	10	12	28	3400	14	7	3.3	22	<1	257	2.5
Line 200S																		
200S	0	19	<10	1.3	6950	<1	901	<10	90	59	3080	65	34.3	14.6	77	41	196	2.5
200S	50E	11	<10	0.3	7680	<1	801	<10	90	67	1140	151	89.4	28.6	155	66	260	2.5
200S	100E	24	<10	1.3	7110	<1	901	<10	145	44	2630	109	58.6	24.7	125	79	227	2.5
200S	150E	18	<10	1	1280	<1	338	<10	18	28	3340	13	7.6	2.2	13	4	498	23
200S	200E	15	<10	2	5850	<1	1010	<10	68	69	2400	68	37.6	14.1	75	35	225	2.5
200S	250E	10	<10	0.8	7060	<1	910	<10	90	86	1720	81	44.7	16.9	89	47	235	2.5
200S	300E	11	<10	1.1	5970	<1	960	10	79	95	2340	59	29.7	13.4	66	32	199	2.5
200S	350E	7	<10	0.6	8240	<1	901	<10	124	53	2210	110	63.6	22.5	118	70	198	2.5
200S	400E	17	<10	1.5	7720	<1	1012	<10	29	97	2340	51	31.6	8.4	50	20	184	2.5
200S	450E	9	<10	0.05	7300	<1	696	10	277	73	1040	147	88.8	30.5	152	119	223	2.5
200S	500E	18	<10	1.5	6670	<1	1012	10	143	77	1550	114	63.1	22.9	121	51	270	2.5
200S	550E	21	<10	1.1	1280	<1	1074	<10	<5	8	3700	1	1.1	<0.5	<1	1	107	2.5
200S	600E	40	<10	2	5640	<1	996	<10	15	79	2020	17	9.5	2.8	15	7	176	2.5
200S	650E	21	<10	1	9790	<1	888	10	165	107	2010	90	54.1	17.4	96	58	230	2.5
200S	700E	11	<10	0.05	8600	<1	831	<10	208	52	1020	151	82	36.4	177	127	200	2.5
200S	750E	17	<10	0.5	3230	<1	1080	<10	76	35	5020	25	11.9	7.7	33	33	135	2.5
200S	800E	13	<10	0.4	5820	<1	1076	10	48	62	2470	49	24.9	10.5	53	21	188	2.5

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ANALYTE		Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl	U	W	Y	Yb
DETECTION(ppb)		0.5	1	5	10	1	1	5	1	1	1	10	10	0.5	3	0.5	1	1	5	1
200N	1450E	<0.5	<1	43	5	<1	<1	14	<1	<1	<1	7630	<10	<0.5	<3	<0.5	0.5	<1	<5	<1
200N	1500E	<0.5	6	203	5	<1	<1	30	<1	3	<1	15800	<10	<0.5	<3	<0.5	0.5	<1	37	3
200N	1550E	<0.5	77	257	10	<1	12	40	<1	41	<1	20500	<10	3.7	4	<0.5	6	<1	307	21
200N	1600E	<0.5	9	240	5	<1	<1	36	<1	5	<1	15500	<10	<0.5	<3	<0.5	4	<1	55	5
200N	1650E	<0.5	122	759	20	<1	20	54	<1	55	<1	11000	<10	5.7	<3	<0.5	21	<1	425	32
200N	1700E	<0.5	43	644	20	<1	6	26	<1	22	<1	14700	<10	2.3	<3	<0.5	7	<1	192	13
200N	1750E	<0.5	58	45	10	<1	10	26	<1	22	<1	15200	<10	4.3	4	<0.5	11	<1	114	6
200N	1800E	<0.5	20	216	5	<1	3	30	<1	11	<1	9160	<10	1.8	<3	<0.5	9	<1	94	7
200N	1850E	<0.5	<1	181	5	1	<1	17	<1	<1	<1	8560	<10	<0.5	<3	<0.5	0.5	<1	<5	<1
200N	1900E	<0.5	<1	231	5	<1	<1	19	<1	<1	<1	10100	<10	<0.5	<3	<0.5	2	<1	8	1
200N	1950E	<0.5	24	350	20	<1	3	23	<1	14	<1	11100	<10	1	5	<0.5	7	<1	123	8
200N	2000E	<0.5	16	130	5	<1	2	35	<1	7	<1	13700	<10	0.8	<3	<0.5	2	<1	61	4
200N	2050E	<0.5	66	509	20	<1	10	46	<1	31	<1	6910	<10	5.1	4	<0.5	14	<1	217	15
200N	2100E	<0.5	<1	249	5	1	<1	22	<1	<1	<1	4190	<10	<0.5	<3	<0.5	1	<1	<5	<1
200N	2150E	<0.5	3	320	20	<1	<1	24	<1	3	<1	5220	<10	<0.5	<3	<0.5	4	<1	32	3
200N	2200E	<0.5	20	447	20	<1	2	20	<1	12	<1	5970	<10	1	<3	<0.5	17	<1	122	9
200N	2250E	<0.5	10	436	20	<1	<1	26	<1	6	<1	5270	<10	0.6	4	<0.5	5	<1	57	5
200N	2300E	<0.5	3	409	10	<1	<1	21	<1	2	<1	5230	<10	0.7	4	<0.5	5	<1	22	2
200N	2350E	<0.5	8	595	20	<1	<1	19	<1	5	<1	8340	<10	<0.5	<3	<0.5	15	<1	61	5
200N	2400E	<0.5	110	1030	5	<1	17	80	<1	53	<1	6380	<10	7.6	5	<0.5	21	<1	267	17
200N	2450E	<0.5	37	309	5	<1	5	27	<1	18	<1	4530	<10	2.1	<3	<0.5	12	<1	125	8
200N	2500E	<0.5	4	292	5	<1	<1	12	<1	3	<1	4260	<10	<0.5	<3	<0.5	8	<1	33	3
200N	2550E	<0.5	<1	331	10	<1	<1	14	<1	<1	<1	3930	<10	<0.5	5	<0.5	2	<1	9	<1
200N	2600E	<0.5	18	477	20	<1	2	22	<1	10	<1	6580	<10	1	<3	<0.5	13	<1	102	9
200N	2650E	<0.5	2	558	20	<1	<1	23	<1	2	<1	5950	<10	0.5	<3	<0.5	7	<1	33	3
200N	2700E	<0.5	15	727	20	<1	2	30	<1	9	<1	7240	<10	0.7	6	<0.5	13	<1	67	5
Line 200S																				
200S	0	<0.5	113	432	20	<1	17	43	<1	44	<1	4910	<10	3.5	12	<0.5	15	<1	384	23
200S	50E	<0.5	177	528	40	<1	29	28	<1	78	<1	5500	<10	4.1	4	<0.5	11	<1	805	63
200S	100E	<0.5	199	650	30	<1	34	32	<1	72	<1	5730	<10	6.4	10	<0.5	16	<1	619	40
200S	150E	<0.5	12	132	10	<1	<1	35	<1	6	<1	8330	<10	<0.5	10	<0.5	9	<1	79	5
200S	200E	<0.5	100	598	30	<1	15	17	<1	38	<1	5450	<10	3.7	11	<0.5	11	<1	382	25
200S	250E	<0.5	120	445	20	<1	19	20	<1	46	<1	4460	<10	3.8	7	<0.5	15	<1	478	29
200S	300E	<0.5	92	644	20	<1	14	27	<1	37	<1	4420	<10	3.5	9	<0.5	6	<1	313	20
200S	350E	<0.5	170	657	30	<1	29	29	<1	64	<1	4460	<10	6.3	7	<0.5	12	<1	606	43
200S	400E	<0.5	52	775	30	<1	7	19	<1	22	<1	4770	<10	2	8	<0.5	15	<1	289	22
200S	450E	<0.5	259	851	40	<1	48	43	<1	91	<1	5760	<10	9.1	11	<0.5	17	<1	810	68
200S	500E	<0.5	151	1220	30	<1	24	42	<1	63	<1	9100	<10	4.7	5	<0.5	11	<1	595	43
200S	550E	<0.5	2	93	5	<1	<1	16	<1	<1	<1	5070	<10	<0.5	18	<0.5	0.5	<1	7	<1
200S	600E	<0.5	19	216	10	<1	2	23	<1	7	<1	4420	<10	1	14	<0.5	2	<1	87	7
200S	650E	0.5	137	695	40	<1	23	27	<1	51	<1	5090	<10	6.6	11	<0.5	9	<1	521	37
200S	700E	<0.5	313	297	30	<1	54	40	<1	112	<1	6320	<10	10.3	9	<0.5	23	1	812	57
200S	750E	<0.5	73	109	5	<1	12	23	<1	23	<1	5970	<10	4.1	13	<0.5	14	<1	147	8
200S	800E	<0.5	65	560	30	<1	9	21	<1	27	<1	6270	<10	2.3	19	<0.5	10	<1	290	17

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ANALYTE		Zn	Zr
DETECTION(ppb)		20	5
200N	1450E	20	<5
200N	1500E	20	5
200N	1550E	80	<5
200N	1600E	30	<5
200N	1650E	220	15
200N	1700E	200	6
200N	1750E	100	8
200N	1800E	30	6
200N	1850E	20	<5
200N	1900E	40	<5
200N	1950E	60	<5
200N	2000E	50	5
200N	2050E	100	14
200N	2100E	30	<5
200N	2150E	50	6
200N	2200E	40	9
200N	2250E	40	6
200N	2300E	10	6
200N	2350E	20	<5
200N	2400E	100	19
200N	2450E	30	10
200N	2500E	20	6
200N	2550E	20	6
200N	2600E	10	7
200N	2650E	10	5
200N	2700E	30	9
Line 200S			
200S	0	190	14
200S	50E	210	10
200S	100E	150	14
200S	150E	30	6
200S	200E	240	10
200S	250E	120	10
200S	300E	170	7
200S	350E	140	14
200S	400E	250	<5
200S	450E	280	27
200S	500E	110	6
200S	550E	20	9
200S	600E	130	8
200S	650E	100	21
200S	700E	190	23
200S	750E	120	12
200S	800E	160	11

BEATON PROPERTY

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ANALYTE		Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg	Mo
DETECTION(ppb)		1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1	5
Line 300S																		
300S	600E	20	<10	1	4260	<1	626	<10	59	24	1640	96	60.1	18.1	95	35	389	2.5
300S	650E	9	<10	1.6	4890	<1	866	<10	<5	51	830	21	20.5	1.8	13	1	148	7
300S	700E	11	<10	0.3	3670	<1	943	<10	<5	84	1020	11	12.3	0.7	7	<1	228	7
300S	750E	79	<10	3	1490	<1	777	<10	<5	8	2880	2	0.9	<0.5	2	1	47	2.5
300S	800E	24	<10	1.5	6870	<1	862	10	<5	68	1200	15	14.6	0.7	9	<1	204	5
300S	850E	35	<10	2.4	5550	<1	893	10	10	74	850	28	25.5	2.6	20	4	155	2.5
300S	900E	35	<10	2.5	5710	<1	847	10	9	48	1960	26	20.6	2.7	19	4	154	2.5
300S	950E	22	<10	1.6	4220	<1	837	<10	<5	68	1080	10	11.2	<0.5	5	<1	220	2.5
300S	1000E	27	<10	3.7	3410	<1	733	<10	<5	62	1360	13	12.6	0.8	8	<1	154	2.5
300S	1050E	41	<10	2.8	3980	<1	885	10	<5	28	2890	3	2.7	<0.5	2	<1	125	2.5
300S	1100E	39	<10	3.4	2280	<1	821	10	<5	33	3350	2	2.2	<0.5	<1	<1	98	2.5
300S	1150E	23	<10	2	4730	<1	795	10	<5	61	1250	10	12.8	<0.5	5	<1	136	2.5
300S	1200E	32	<10	1.1	2130	<1	692	<10	<5	38	970	7	7.6	<0.5	4	<1	274	2.5
300S	1250E	37	<10	1.7	4900	<1	767	<10	<5	29	1420	30	24.8	3	23	2	279	2.5
300S	1300E	18	<10	1	6310	<1	823	<10	17	73	700	42	36.1	4.6	32	6	244	2.5
300S	1350E	59	<10	5.7	2560	<1	668	<10	<5	14	1600	2	2.1	<0.5	<1	<1	142	2.5
300S	1400E	19	<10	1	6140	<1	775	<10	22	34	380	46	45.4	4.8	33	7	126	2.5
300S	1450E	21	<10	1.5	1530	<1	638	<10	<5	34	620	4	3.6	<0.5	2	<1	209	2.5
300S	1500E	23	<10	2.7	2350	<1	849	<10	<5	22	1840	5	5.4	<0.5	3	1	210	2.5
300S	1550E	11	<10	0.2	6350	<1	847	<10	25	39	480	40	31.6	5.1	33	11	196	2.5
300S	1600E	19	<10	1.1	4350	<1	892	<10	32	22	670	53	45.3	7.1	43	14	185	2.5
300S	1650E	11	<10	0.2	2710	<1	834	<10	<5	23	800	7	7	0.5	5	<1	223	6
300S	1700E	11	<10	0.3	930	<1	738	<10	<5	26	1690	10	9.8	1.5	7	2	103	2.5
300S	1750E	26	<10	1.3	1770	<1	795	<10	<5	25	710	3	3.4	<0.5	2	<1	217	2.5
300S	1800E	17	<10	0.6	7930	<1	933	<10	6	24	740	17	16.4	1	12	3	181	7
300S	1850E	14	<10	1.1	1470	<1	721	<10	<5	16	960	15	14	1.6	10	2	180	2.5
300S	1900E	24	<10	3.3	2160	<1	836	10	<5	28	1500	9	7.3	1.1	7	2	119	2.5
300S	1950E	37	<10	4.4	6540	<1	901	10	<5	22	2620	14	12.3	1.5	11	2	114	2.5
300S	2000E	19	<10	0.7	2220	<1	757	10	7	20	1540	27	16.8	4.6	26	5	248	9
300S	2050E	20	<10	0.9	2100	<1	703	10	<5	38	2500	18	10.8	3.8	21	5	304	15
300S	2100E	39	<10	2.7	7100	<1	913	10	<5	41	1740	14	11.5	1.1	10	2	184	5
Line 750S																		
750S	500W	14	<10	1.3	5050	<1	878	<10	7	75	840	15	15.8	1.1	10	3	152	2.5
750S	450W	6	<10	0.8	4420	<1	664	<10	21	100	720	56	55.5	5.6	38	13	158	2.5
750S	400W	19	<10	1.7	6230	<1	817	<10	9	28	2510	17	14.9	2.1	14	4	121	2.5
750S	350W	15	<10	0.2	5590	<1	693	<10	19	31	590	33	22.9	4	26	10	257	2.5
750S	300W	23	<10	2	5140	<1	790	10	<5	121	620	22	26.1	1.3	13	2	194	2.5
750S	250W	24	<10	1.7	5860	<1	820	10	9	147	1370	21	21.8	1.8	13	3	95	2.5
750S	200W	20	<10	2.6	4440	<1	860	<10	<5	78	1700	18	19.7	1.1	10	2	199	2.5
750S	150W	24	<10	1.2	6630	<1	930	<10	<5	84	1420	19	19.7	1	10	1	116	13
750S	100W	45	<10	1.9	4860	<1	816	<10	<5	72	5200	5	4.2	<0.5	3	<1	132	8
750S	50W	37	<10	3	2690	<1	862	<10	<5	43	3390	2	3.1	<0.5	1	<1	149	2.5
750S	0	11	<10	0.5	7770	<1	827	<10	<5	22	950	27	24.6	2.5	19	2	194	2.5

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ANALYTE		Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl	U	W	Y	Yb
DETECTION(ppb)		0.5	1	5	10	1	1	5	1	1	1	10	10	0.5	3	0.5	1	1	5	1
Line 300S																				
300S	600E	<0.5	118	280	40	<1	17	50	<1	48	<1	9110	<10	5	13	<0.5	13	<1	415	45
300S	650E	<0.5	7	91	30	<1	<1	18	<1	4	<1	4130	<10	0.8	8	<0.5	4	<1	75	20
300S	700E	<0.5	3	63	30	<1	<1	25	<1	2	<1	4880	<10	0.6	8	<0.5	10	1	44	13
300S	750E	<0.5	2	39	5	2	<1	7	<1	<1	<1	2830	<10	<0.5	11	<0.5	1	<1	9	<1
300S	800E	<0.5	3	101	30	<1	<1	50	<1	2	<1	5720	<10	<0.5	7	<0.5	8	<1	55	15
300S	850E	<0.5	13	167	30	<1	2	42	<1	7	<1	5890	<10	0.6	8	<0.5	10	<1	103	25
300S	900E	<0.5	14	176	30	<1	2	42	<1	7	<1	5590	<10	<0.5	8	<0.5	5	<1	102	17
300S	950E	<0.5	2	113	30	<1	<1	35	<1	1	<1	6950	<10	<0.5	8	<0.5	7	<1	37	12
300S	1000E	<0.5	3	152	20	<1	<1	16	<1	2	<1	4010	<10	<0.5	7	<0.5	5	<1	47	12
300S	1050E	<0.5	1	187	20	<1	<1	23	<1	<1	<1	3950	<10	<0.5	8	<0.5	3	<1	10	3
300S	1100E	<0.5	<1	271	20	<1	<1	17	<1	<1	<1	3760	<10	<0.5	7	<0.5	3	<1	7	3
300S	1150E	<0.5	1	208	50	<1	<1	30	<1	<1	<1	5000	<10	<0.5	6	<0.5	10	<1	37	16
300S	1200E	<0.5	2	90	30	<1	<1	40	<1	1	<1	6320	<10	<0.5	9	<0.5	20	<1	30	9
300S	1250E	<0.5	10	114	40	<1	1	17	<1	7	<1	8370	<10	0.6	8	<0.5	25	<1	124	22
300S	1300E	<0.5	23	121	50	<1	3	28	<1	11	<1	6650	<10	1	8	<0.5	13	<1	166	31
300S	1350E	<0.5	<1	49	10	<1	<1	10	<1	<1	<1	3460	<10	<0.5	6	<0.5	4	<1	7	2
300S	1400E	<0.5	25	111	50	<1	4	30	<1	12	<1	5570	<10	0.7	7	<0.5	6	<1	196	43
300S	1450E	<0.5	2	31	20	<1	<1	14	<1	<1	<1	6010	<10	<0.5	7	<0.5	8	<1	14	3
300S	1500E	<0.5	3	30	10	<1	<1	8	<1	1	<1	8940	<10	<0.5	8	<0.5	12	<1	21	6
300S	1550E	<0.5	32	83	40	<1	5	47	<1	13	<1	5930	<10	1.2	7	<0.5	7	<1	157	26
300S	1600E	<0.5	41	246	30	<1	7	15	<1	17	<1	5210	<10	1.2	7	<0.5	8	<1	218	41
300S	1650E	<0.5	3	36	20	<1	<1	9	<1	2	<1	7430	<10	<0.5	8	<0.5	17	<1	29	7
300S	1700E	<0.5	7	19	10	<1	1	11	<1	3	<1	9900	<10	<0.5	7	<0.5	3	<1	40	11
300S	1750E	<0.5	2	20	20	<1	<1	8	<1	<1	<1	9020	<10	<0.5	8	<0.5	7	<1	14	3
300S	1800E	<0.5	9	79	30	<1	1	20	<1	4	<1	14600	<10	<0.5	9	<0.5	18	<1	72	15
300S	1850E	<0.5	6	38	10	<1	<1	14	<1	3	<1	7840	<10	<0.5	7	<0.5	7	<1	59	14
300S	1900E	<0.5	6	68	10	<1	<1	25	<1	3	<1	8400	<10	<0.5	8	<0.5	7	<1	35	7
300S	1950E	<0.5	9	216	20	<1	1	40	<1	5	<1	6850	<10	<0.5	8	<0.5	6	<1	62	12
300S	2000E	<0.5	21	171	10	<1	3	49	<1	11	<1	33800	<10	1	9	<0.5	6	<1	99	14
300S	2050E	<0.5	19	46	20	<1	3	39	<1	9	<1	28300	<10	0.7	8	<0.5	20	<1	77	8
300S	2100E	<0.5	8	154	30	<1	1	21	<1	4	<1	9090	<10	<0.5	8	<0.5	14	<1	53	11
Line 750S																				
750S	500W	<0.5	8	224	30	<1	1	26	<1	3	<1	4680	<10	<0.5	9	<0.5	9	<1	66	16
750S	450W	<0.5	35	399	60	<1	6	26	<1	14	<1	5920	<10	0.8	9	<0.5	6	<1	232	56
750S	400W	<0.5	17	170	20	<1	2	20	<1	6	<1	3920	<10	1	9	<0.5	3	<1	79	14
750S	350W	<0.5	25	165	40	<1	4	23	<1	10	<1	6480	<10	1.1	9	<0.5	12	<1	120	20
750S	300W	<0.5	6	123	20	<1	<1	22	<1	4	<1	3920	<10	<0.5	6	<0.5	9	<1	80	27
750S	250W	<0.5	12	382	40	<1	2	26	<1	5	<1	4140	<10	0.8	7	<0.5	4	<1	82	23
750S	200W	<0.5	6	226	40	<1	<1	25	<1	3	<1	6050	<10	<0.5	8	<0.5	4	<1	67	20
750S	150W	<0.5	5	173	40	<1	<1	39	<1	3	<1	4560	<10	<0.5	8	<0.5	6	<1	66	20
750S	100W	<0.5	2	204	10	<1	<1	36	<1	1	<1	4250	<10	<0.5	8	<0.5	2	<1	20	4
750S	50W	<0.5	<1	113	10	<1	<1	15	<1	<1	<1	3990	<10	<0.5	7	<0.5	3	<1	8	4
750S	0	<0.5	12	77	20	<1	2	13	<1	6	<1	4270	<10	0.5	6	<0.5	5	<1	104	22

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ANALYTE		Zn	Zr
DETECTION(ppb)		20	5
Line 300S			
300S	600E	90	<5
300S	650E	100	<5
300S	700E	200	<5
300S	750E	10	<5
300S	800E	80	<5
300S	850E	110	<5
300S	900E	90	<5
300S	950E	80	<5
300S	1000E	130	<5
300S	1050E	30	<5
300S	1100E	100	<5
300S	1150E	210	<5
300S	1200E	150	<5
300S	1250E	100	<5
300S	1300E	140	<5
300S	1350E	30	<5
300S	1400E	220	<5
300S	1450E	60	<5
300S	1500E	50	<5
300S	1550E	120	<5
300S	1600E	250	<5
300S	1650E	60	<5
300S	1700E	50	<5
300S	1750E	90	<5
300S	1800E	40	<5
300S	1850E	30	<5
300S	1900E	90	<5
300S	1950E	90	<5
300S	2000E	70	<5
300S	2050E	20	<5
300S	2100E	80	<5
Line 750S			
750S	500W	190	<5
750S	450W	330	<5
750S	400W	200	<5
750S	350W	350	<5
750S	300W	50	<5
750S	250W	200	<5
750S	200W	110	<5
750S	150W	190	<5
750S	100W	180	<5
750S	50W	150	<5
750S	0	70	<5

BEATON PROPERTY

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ANALYTE		Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg	Mo
DETECTION(ppb)		1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1	5
750S	50E	23	<10	1.6	5390	<1	816	<10	<5	18	2740	6	6.1	<0.5	4	<1	104	2.5
750S	100E	24	<10	3.1	4320	<1	872	10	<5	101	2230	7	8	<0.5	4	<1	114	2.5
750S	150E	8	<10	0.5	8360	<1	720	<10	40	56	1300	69	64.5	7.2	46	16	109	2.5
750S	200E	16	<10	0.3	9670	<1	847	<10	20	23	1110	34	29.9	3.7	26	9	148	2.5
750S	250E	16	<10	1.2	8470	<1	807	<10	33	39	1090	62	43.5	9.6	56	13	228	2.5
750S	300E	11	<10	1.5	4950	<1	839	<10	8	53	1460	26	23.6	2.4	18	4	152	2.5
750S	350E	20	<10	0.6	4760	<1	859	<10	<5	27	1370	12	14.3	0.7	7	1	139	2.5
750S	400E	19	<10	0.9	5790	<1	905	<10	7	32	860	29	28.2	2.6	20	4	138	2.5
750S	450E	47	<10	3.2	3380	<1	959	<10	<5	9	3860	2	2.7	<0.5	2	<1	81	2.5
750S	500E	43	<10	3.8	2390	<1	844	<10	8	10	3580	6	4.3	1.1	6	5	105	2.5
750S	550E	45	20	3.6	1600	<1	832	<10	7	29	3330	2	0.9	<0.5	2	3	139	2.5
750S	600E	8	<10	0.8	3090	<1	701	10	7	96	1530	20	27.5	1.8	11	3	110	2.5
750S	650E	16	<10	1.8	3780	<1	703	10	13	129	2030	22	29.6	2.2	13	6	134	2.5
750S	700E	16	<10	0.6	6370	<1	772	10	18	88	1890	35	45.5	2.9	20	8	128	2.5
750S	750E	14	<10	1.8	4080	<1	684	<10	<5	37	2530	7	9.5	0.7	5	2	148	2.5
750S	800E	11	<10	0.3	4970	<1	349	<10	11	37	1250	80	62.6	10.8	63	12	465	2.5
750S	850E	16	<10	1.3	5490	<1	551	<10	15	55	1260	65	63.9	5.8	41	11	307	2.5
750S	900E	19	30	0.9	980	<1	54	<10	6	<5	680	1	0.6	<0.5	1	2	621	2.5
750S	950E	23	<10	1.6	5010	<1	697	10	<5	53	2310	10	9.5	0.9	8	3	301	2.5
750S	1000E	19	<10	1.8	2990	<1	550	<10	17	65	2270	29	26.1	5.1	26	11	182	2.5
750S	1050E	32	<10	1.5	3610	<1	624	<10	7	45	1640	32	38.3	2.9	19	5	196	2.5
750S	1100E	23	<10	0.9	4930	<1	719	30	9	75	1440	25	33	2	15	5	194	2.5
750S	1150E	23	<10	0.6	4710	<1	633	<10	8	82	1420	19	23.8	1.7	11	4	175	8
750S	1200E	27	<10	1.3	6460	<1	838	<10	6	48	2050	20	20.2	2.3	15	5	245	2.5
750S	1250E	18	<10	1.6	4460	<1	590	10	10	83	1870	30	37.8	2.9	18	6	146	2.5
750S	1300E	23	<10	1.3	4630	<1	717	<10	7	59	1810	17	18	1.8	12	3	221	2.5
750S	1350E	17	<10	1.8	2670	<1	533	<10	6	84	1660	16	19.8	1.5	10	3	211	2.5
750S	1400E	14	<10	1	4200	<1	575	10	13	166	1850	20	25.6	1.7	11	4	178	2.5

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ANALYTE		Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl	U	W	Y	Yb
DETECTION(ppb)		0.5	1	5	10	1	1	5	1	1	1	10	10	0.5	3	0.5	1	1	5	1
750S	50E	<0.5	3	160	20	<1	<1	16	<1	2	<1	3240	<10	<0.5	7	<0.5	3	<1	25	7
750S	100E	<0.5	3	357	40	<1	<1	20	<1	2	<1	3760	<10	<0.5	9	<0.5	3	<1	28	9
750S	150E	<0.5	42	412	50	<1	7	28	<1	18	<1	3540	<10	1.6	7	<0.5	4	<1	282	60
750S	200E	<0.5	29	199	30	<1	4	26	<1	12	<1	5130	<10	1.3	9	<0.5	10	<1	146	29
750S	250E	<0.5	60	231	40	<1	8	30	<1	27	<1	5720	<10	3.7	11	<0.5	16	1	254	36
750S	300E	<0.5	14	243	40	<1	2	26	<1	6	<1	6350	<10	1.2	8	<0.5	5	<1	98	22
750S	350E	<0.5	5	311	130	<1	<1	15	<1	2	<1	5570	<10	0.5	9	<0.5	10	<1	50	17
750S	400E	<0.5	14	148	30	<1	2	28	<1	7	<1	5260	<10	0.7	7	<0.5	9	<1	118	26
750S	450E	<0.5	2	428	5	<1	<1	18	<1	<1	<1	4400	<10	<0.5	9	<0.5	3	<1	10	3
750S	500E	<0.5	13	392	5	<1	2	16	<1	4	<1	3100	<10	0.6	6	<0.5	4	<1	28	4
750S	550E	<0.5	6	221	5	<1	1	13	<1	2	<1	2990	<10	<0.5	5	<0.5	2	<1	7	<1
750S	600E	<0.5	10	504	40	<1	1	21	<1	4	<1	2880	<10	<0.5	<3	<0.5	0.5	<1	79	29
750S	650E	<0.5	16	628	30	<1	2	25	<1	6	<1	3750	<10	<0.5	<3	<0.5	1	<1	81	30
750S	700E	<0.5	22	487	50	<1	3	48	<1	9	<1	4630	<10	<0.5	<3	<0.5	6	<1	131	47
750S	750E	<0.5	7	195	10	<1	1	8	<1	3	<1	3000	<10	<0.5	<3	<0.5	3	<1	29	10
750S	800E	<0.5	42	247	50	<1	6	48	<1	25	<1	8510	<10	0.6	<3	<0.5	8	<1	305	54
750S	850E	<0.5	29	706	50	<1	4	22	<1	14	<1	6270	<10	<0.5	<3	<0.5	4	<1	252	58
750S	900E	<0.5	5	154	10	<1	<1	86	1	1	<1	7830	<10	<0.5	<3	<0.5	12	<1	6	<1
750S	950E	<0.5	8	373	5	<1	1	9	<1	3	<1	5100	<10	<0.5	<3	<0.5	8	<1	36	9
750S	1000E	<0.5	38	513	20	<1	5	21	<1	14	<1	4240	<10	0.9	<3	<0.5	5	<1	106	23
750S	1050E	<0.5	16	441	40	<1	2	24	<1	7	<1	4250	<10	<0.5	<3	<0.5	6	<1	119	36
750S	1100E	<0.5	15	354	40	<1	2	18	<1	6	<1	4380	<10	<0.5	<3	<0.5	5	<1	91	34
750S	1150E	<0.5	14	319	30	<1	2	24	<1	5	<1	4090	<10	<0.5	<3	<0.5	8	<1	74	24
750S	1200E	<0.5	16	233	30	<1	2	12	<1	7	<1	5470	<10	<0.5	<3	<0.5	9	<1	79	19
750S	1250E	<0.5	18	434	30	<1	3	14	<1	7	<1	3010	<10	<0.5	<3	<0.5	4	<1	111	39
750S	1300E	<0.5	11	274	30	<1	2	17	<1	5	<1	4850	<10	<0.5	<3	<0.5	9	<1	65	18
750S	1350E	<0.5	10	306	10	<1	1	11	<1	4	<1	3110	<10	<0.5	<3	<0.5	9	<1	58	20
750S	1400E	<0.5	13	714	30	<1	2	26	<1	5	<1	3250	<10	<0.5	<3	<0.5	3	<1	70	25

BEATON PROPERTY
MMI Data - 2005

ANALYTE		Zn	Zr
DETECTION(ppb)		20	5
750S	50E	280	<5
750S	100E	720	<5
750S	150E	160	<5
750S	200E	190	<5
750S	250E	130	<5
750S	300E	190	<5
750S	350E	230	<5
750S	400E	130	<5
750S	450E	60	<5
750S	500E	50	<5
750S	550E	60	<5
750S	600E	440	<5
750S	650E	50	<5
750S	700E	130	<5
750S	750E	110	<5
750S	800E	110	<5
750S	850E	110	<5
750S	900E	20	13
750S	950E	40	<5
750S	1000E	60	<5
750S	1050E	160	<5
750S	1100E	90	<5
750S	1150E	100	<5
750S	1200E	90	<5
750S	1250E	200	<5
750S	1300E	130	<5
750S	1350E	60	<5
750S	1400E	130	<5

**BEATON PROPERTY
MMI DATA - 2006**

ANALYTE	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu	Fe
DETECTION	1	1	10	0.1	10	1	10	10	5	5	100	10	1	0.5	0.5	1
UNITS	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPM
L12+00S- 7+00E	<1	<1	<10	0.6	540	<1	200	<10	8	<5	<100	330	19	11.1	3.6	1
L12+00S- 7+50E	<1	2	<10	0.5	810	<1	170	<10	35	10	<100	640	100	64.7	14.1	2
L12+00S- 8+00E	2	1	<10	0.4	600	<1	140	<10	11	<5	<100	430	27	15.5	5.3	1
L12+00S- 8+50E	1	<1	<10	1	690	<1	150	<10	16	<5	<100	280	54	34.9	7.9	<1
L12+00S- 9+00E	<1	<1	<10	0.5	840	<1	170	<10	27	9	<100	240	67	42.2	10.1	<1
L12+00S- 9+50E	<1	<1	<10	1.6	720	<1	220	<10	6	6	<100	270	16	9.1	3.2	<1
L12+00S-10+00E	<1	<1	<10	1.4	730	<1	200	<10	10	<5	<100	220	26	15.2	4.7	<1
L12+00S-10+50E	1	<1	<10	1.8	700	<1	220	<10	10	<5	<100	310	23	13.4	4.1	1
L12+00S-11+00E	<1	<1	<10	0.5	550	<1	250	<10	<5	<5	<100	320	7	4.4	1.3	1
L12+00S-11+50E	11	<1	<10	0.3	590	<1	230	<10	13	<5	<100	370	19	12	3.6	1
L12+00S-12+00E	<1	2	<10	0.1	1070	<1	150	<10	55	<5	<100	290	120	72.6	18.7	2
L12+00S-12+50E	7	<1	<10	3.1	600	<1	210	<10	6	<5	<100	300	10	5.8	2	<1
L12+00S-13+00E	<1	<1	<10	0.2	790	<1	180	<10	17	<5	<100	180	49	27.7	8.6	1
L12+00S-13+50E	<1	<1	<10	0.4	610	<1	170	<10	28	14	<100	260	19	11.1	4.1	1
L12+00S-14+00E	3	<1	<10	0.3	760	<1	160	<10	7	6	<100	300	19	10.9	3.1	1
L12+00S-14+50E	<1	<1	<10	0.3	780	<1	220	<10	<5	<5	<100	150	8	4.6	1.7	<1
L12+00S-15+00E	2	<1	<10	1.2	550	<1	190	<10	9	<5	<100	200	17	9.7	3.2	<1
L12+00S-15+50E	17	<1	<10	3.6	590	<1	220	<10	<5	8	<100	310	3	2	0.6	<1
L12+00S-16+00E	12	<1	<10	1.8	650	<1	160	<10	10	<5	<100	200	24	13.2	4.1	<1
L12+00S-16+50E	33	<1	<10	3.5	460	<1	220	<10	<5	<5	<100	340	<1	<0.5	<0.5	<1
L12+00S-17+00W	<1	<1	<10	0.8	790	<1	180	<10	15	<5	<100	260	43	26.3	6.5	<1
L12+00S-17+50W	3	<1	<10	2.2	580	<1	170	<10	11	6	<100	310	19	10.9	3.4	<1
L12+00S-18+00E	7	<1	10	3	440	<1	180	<10	5	10	<100	540	13	7.6	2.4	<1
L12+00S-18+50E	6	<1	<10	2.5	400	<1	190	<10	<5	<5	<100	520	<1	<0.5	<0.5	<1
L12+00S-19+00E	12	<1	<10	1.6	440	<1	190	<10	<5	<5	<100	590	<1	0.5	<0.5	1
L12+00S-19+50E	9	<1	20	1	370	<1	160	<10	<5	<5	<100	250	5	2.9	1.2	<1
L12+00S-20+00E	7	<1	<10	4.8	560	<1	180	<10	<5	<5	<100	410	2	1.3	0.8	<1

**BEATON PROPERTY
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ANALYTE	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pd2	Pr	Rb	Sb	Sc	Sm	Sn
DETECTION	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1	1
UNITS	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L12+00S- 7+00E	17	7	<5	44	5	<0.5	25	78	40	<1	41	4	8	2	10	9	2
L12+00S- 7+50E	72	27	<5	42	<5	<0.5	97	85	50	<1	9	15	15	1	17	39	<1
L12+00S- 8+00E	24	11	<5	53	<5	<0.5	40	55	<10	<1	6	6	15	1	10	13	<1
L12+00S- 8+50E	42	13	16	32	<5	<0.5	50	65	<10	<1	9	7	9	1	15	20	<1
L12+00S- 9+00E	52	22	32	36	<5	<0.5	73	78	20	<1	6	11	10	1	18	27	<1
L12+00S- 9+50E	15	7	11	36	<5	<0.5	21	29	<10	<1	4	3	7	2	11	7	<1
L12+00S-10+00E	24	10	17	38	<5	<0.5	34	73	<10	<1	5	5	11	1	13	12	<1
L12+00S-10+50E	20	9	<5	39	<5	<0.5	29	50	<10	<1	4	4	10	1	13	11	<1
L12+00S-11+00E	5	2	<5	37	<5	<0.5	7	37	<10	<1	3	1	13	1	11	3	<1
L12+00S-11+50E	17	8	9	26	<5	<0.5	28	20	20	<1	3	4	9	1	13	9	<1
L12+00S-12+00E	93	40	5	40	<5	<0.5	145	74	20	<1	11	23	17	1	25	51	<1
L12+00S-12+50E	9	3	16	33	<5	<0.5	11	61	<10	<1	4	2	10	1	10	4	<1
L12+00S-13+00E	42	18	6	37	<5	<0.5	61	35	<10	<1	6	9	14	1	12	23	<1
L12+00S-13+50E	18	13	13	51	<5	<0.5	38	112	<10	<1	5	6	12	1	13	12	<1
L12+00S-14+00E	15	5	9	49	<5	<0.5	21	65	<10	<1	3	3	12	1	9	8	<1
L12+00S-14+50E	8	3	14	50	<5	<0.5	11	44	<10	<1	4	2	10	1	9	4	<1
L12+00S-15+00E	15	6	<5	36	<5	<0.5	22	52	<10	<1	3	3	11	1	8	8	<1
L12+00S-15+50E	2	<1	9	29	<5	<0.5	3	76	<10	<1	5	<1	10	2	9	1	<1
L12+00S-16+00E	22	8	<5	46	<5	<0.5	27	45	20	<1	4	4	10	1	9	11	<1
L12+00S-16+50E	<1	<1	5	25	<5	<0.5	1	58	<10	<1	5	<1	9	2	<5	<1	<1
L12+00S-17+00W	33	11	<5	37	<5	<0.5	44	70	20	<1	5	6	13	1	10	17	<1
L12+00S-17+50W	16	6	14	42	<5	<0.5	21	142	20	<1	4	3	9	1	8	8	<1
L12+00S-18+00E	11	3	17	39	<5	<0.5	13	103	<10	<1	5	2	10	2	8	5	<1
L12+00S-18+50E	<1	<1	<5	24	<5	<0.5	2	39	<10	<1	4	<1	6	2	<5	<1	<1
L12+00S-19+00E	1	<1	16	18	<5	<0.5	2	49	<10	<1	3	<1	12	1	<5	<1	<1
L12+00S-19+50E	4	2	<5	29	<5	<0.5	7	55	<10	<1	3	1	12	2	7	2	<1
L12+00S-20+00E	3	2	<5	28	<5	<0.5	5	35	<10	<1	3	<1	10	1	<5	1	<1

**BEATON PROPERTY
MMI DATA - 2006**

ANALYTE	Sr	Ta	Tb	Te	Th	Ti	Ti2	Tl	U	W	Y	Yb	Zn	Zr
DETECTION	10	1	1	10	0.5	3	3	0.5	1	1	5	1	20	5
UNITS	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L12+00S- 7+00E	830	<1	3	<10	<0.5	<3	<3	0.7	3	2	125	7	100	56
L12+00S- 7+50E	920	<1	13	<10	0.8	3	3	<0.5	6	<1	632	46	170	61
L12+00S- 8+00E	1030	<1	4	<10	<0.5	7	7	<0.5	4	<1	171	10	70	77
L12+00S- 8+50E	750	<1	7	<10	<0.5	5	5	<0.5	2	<1	376	23	50	54
L12+00S- 9+00E	810	<1	9	<10	<0.5	<3	<3	<0.5	3	<1	448	27	60	60
L12+00S- 9+50E	830	<1	2	<10	<0.5	<3	<3	<0.5	1	<1	109	5	30	48
L12+00S-10+00E	840	<1	4	<10	<0.5	<3	<3	<0.5	3	<1	178	9	40	56
L12+00S-10+50E	930	<1	3	<10	<0.5	<3	<3	<0.5	2	<1	154	8	40	57
L12+00S-11+00E	1120	<1	<1	<10	<0.5	4	4	<0.5	<1	<1	47	3	60	70
L12+00S-11+50E	1910	<1	2	<10	<0.5	<3	<3	<0.5	1	<1	125	7	50	55
L12+00S-12+00E	1100	<1	16	<10	1	28	28	<0.5	6	<1	711	49	130	79
L12+00S-12+50E	1050	<1	1	<10	<0.5	<3	<3	<0.5	1	<1	68	4	<20	66
L12+00S-13+00E	950	<1	7	<10	<0.5	4	4	<0.5	2	<1	306	17	80	64
L12+00S-13+50E	890	<1	3	<10	0.5	5	5	<0.5	4	<1	122	7	60	80
L12+00S-14+00E	1000	<1	3	<10	<0.5	8	8	<0.5	3	<1	126	7	50	79
L12+00S-14+50E	1680	<1	1	<10	<0.5	5	5	<0.5	<1	<1	53	3	40	69
L12+00S-15+00E	880	<1	2	<10	<0.5	<3	<3	<0.5	2	<1	110	6	<20	58
L12+00S-15+50E	740	<1	<1	<10	<0.5	5	5	<0.5	<1	<1	22	1	<20	54
L12+00S-16+00E	790	<1	3	<10	<0.5	<3	<3	<0.5	2	<1	156	8	30	56
L12+00S-16+50E	800	<1	<1	<10	<0.5	<3	<3	<0.5	<1	<1	7	<1	<20	58
L12+00S-17+00W	940	<1	6	<10	<0.5	<3	<3	<0.5	3	<1	280	16	130	70
L12+00S-17+50W	770	<1	3	<10	<0.5	<3	<3	<0.5	3	<1	130	7	80	74
L12+00S-18+00E	790	<1	2	<10	<0.5	5	5	<0.5	1	<1	84	5	50	76
L12+00S-18+50E	880	<1	<1	<10	<0.5	<3	<3	<0.5	<1	<1	<5	<1	20	59
L12+00S-19+00E	740	<1	<1	<10	<0.5	<3	<3	<0.5	<1	<1	7	<1	30	59
L12+00S-19+50E	850	<1	<1	<10	<0.5	<3	<3	<0.5	<1	<1	33	2	<20	56
L12+00S-20+00E	840	<1	<1	<10	<0.5	<3	<3	<0.5	<1	<1	18	1	20	64

BEATON PROPERTY

MMI DATA

ANALYTE			Au	Ce	Co	Cu	Mo	Ni	Zn
DETECTION(ppb)			0.1	5	5	10	5	5	20
Line 100N									
0E	100	13	0.5	18	57	1280	2.5	302	240
50E	100	16	0.6	19	197	1570	2.5	503	180
100E	100	10	1.5	6	110	2360	2.5	491	140
150E	100	16	1	6	115	1500	2.5	516	290
200E	100	18	1.5	2.5	83	2260	2.5	363	210
250E	100	15	0.6	2.5	135	1370	2.5	337	220
300E	100	17	1.7	2.5	101	1480	2.5	354	240
350E	100	15	0.3	2.5	64	650	2.5	224	340
400E	100	52	3.7	2.5	75	2170	2.5	183	90
450E	100	9	0.05	16	117	1040	2.5	538	370
500E	100	8	0.3	16	171	1340	2.5	479	210
550E	100	8	1.8	2.5	70	1740	2.5	302	220
600E	100	6	0.2	2.5	44	1160	2.5	2400	250
650E	100	8	1.4	12	296	1570	5	1000	1060
700E	100	11	0.3	12	199	840	2.5	378	220
750E	100	6	0.05	2.5	112	1150	6	454	270
800E	100	26	2.3	7	150	1100	2.5	286	250
850E	100	6	0.05	10	77	690	2.5	314	480
900E	100	19	2	2.5	145	1540	2.5	271	180
950E	100	7	0.3	2.5	103	1210	8	506	170
1000E	100	13	1.4	2.5	85	1530	7	268	140
1050E	100	0.5	0.2	205	35	780	7	693	510
1100E	100	15	0.3	26	153	1400	8	281	260
1150E	100	10	2.2	33	106	2180	2.5	822	180
1200E	100	10	1.1	31	170	1700	8	796	120
1250E	100	4	0.4	395	254	1460	8	1120	270
1300E	100	11	2.5	19	210	1970	2.5	610	200
1350E	100	1	0.3	6	155	980	7	715	510
1400E	100	7	0.3	14	75	2910	5	150	150
1450E	100	3	0.4	182	127	1920	7	653	120
1500E	100	31	3.4	2.5	291	3920	2.5	796	50
1550E	100	3	0.2	46	37	500	2.5	448	460
1600E	100	11	0.4	25	55	1120	2.5	352	250
1650E	100	4	0.4	25	22	2120	2.5	42	80
1700E	100	19	0.8	21	134	1880	2.5	809	100
1750E	100	2	1	2.5	103	1640	7	792	480
1800E	100	17	1.4	41	74	2070	2.5	429	90
1850E	100	17	2.3	2.5	29	3320	6	291	50
1900E	100	14	1.3	12	147	2330	2.5	690	60
1950E	100	5	0.9	34	110	1690	6	482	70
2000E	100	8	0.3	2.5	35	940	2.5	164	110
Line 300N									
0E	300	19	2.4	2.5	149	1740	2.5	220	110
50E	300	61	2.4	2.5	46	1830	2.5	56	60

**BEATON PROPERTY
MMI DATA**

ANALYTE			Au	Ce	Co	Cu	Mo	Ni	Zn
DETECTION(ppb)			0.1	5	5	10	5	5	20
100E	300	14	3.1	2.5	200	2250	2.5	310	130
150E	300	14	1.3	2.5	114	1240	2.5	270	130
200E	300	8	0.6	6	151	900	2.5	303	180
250E	300	21	2.5	2.5	80	1810	2.5	324	190
300E	300	20	2.7	2.5	133	2280	2.5	418	190
350E	300	14	0.6	13	78	1530	2.5	237	130
400E	300	11	1	2.5	73	1560	2.5	356	220
450E	300	8	0.6	15	93	1360	2.5	265	110
500E	300	7	0.4	12	92	1330	2.5	293	160
550E	300	9	0.2	5	154	2210	42	853	130
600E	300	30	1.9	2.5	45	4010	5	146	170
650E	300	23	2	2.5	235	2740	2.5	270	150
700E	300	10	0.4	2.5	162	1110	2.5	141	120
750E	300	22	1.4	2.5	57	1530	2.5	119	120
800E	300	12	0.7	2.5	101	1190	2.5	222	230
850E	300	27	2.4	2.5	75	1970	2.5	354	120
900E	300	20	1.5	2.5	68	3580	2.5	133	70
950E	300	17	1.1	2.5	79	2350	2.5	200	70
1000E	300	13	1.4	2.5	85	1530	7	268	140
1050E	300	29	0.7	2.5	155	1780	2.5	203	100
1100E	300	20	0.5	10	77	1860	2.5	173	110
1150E	300	14	0.4	2.5	80	2430	2.5	327	250
1200E	300	12	1.1	6	54	1590	2.5	474	230
1250E	300	28	1.6	2.5	65	3110	2.5	258	120
1300E	300	16	0.7	7	158	1660	2.5	375	90
1350E	300	13	0.4	2.5	48	2610	2.5	34	70
1400E	300	16	0.2	2.5	17	3900	7	50	70
1450E	300	39	1.7	2.5	35	1910	2.5	53	90
1500E	300	6	0.05	25	104	920	2.5	175	110
1550E	300	12	2.9	2.5	18	2950	2.5	57	80
1600E	300	3	0.05	6	69	3040	6	104	290
1650E	300	13	0.2	2.5	75	1190	2.5	398	190
1700E	300	12	0.5	13	48	1060	2.5	332	140
1750E	300	14	1.1	2.5	90	1820	2.5	198	110
1800E	300	16	1.4	2.5	81	2190	2.5	164	100
1850E	300	13	2	2.5	7	2820	2.5	135	10
1900E	300	17	3.3	2.5	11	2630	2.5	66	10
1950E	300	5	0.2	2.5	30	940	2.5	104	40
2000E	300	8	0.4	2.5	35	1210	15	42	10
Line 400N									
850E	400	13	1.6	2.5	77	3300	5	528	110
900E	400	3	1	11	38	2100	2.5	778	100
950E	400	23	1.5	6	50	2250	2.5	956	10
1000E	400	11	0.9	60	39	1960	2.5	448	50
1050E	400	20	4.9	2.5	110	2870	2.5	504	50

BEATON PROPERTY

MMI DATA

ANALYTE			Au	Ce	Co	Cu	Mo	Ni	Zn
DETECTION(ppb)			0.1	5	5	10	5	5	20
1100E	400	69	8.1	2.5	124	3880	2.5	399	40
1150E	400	20	1	2.5	70	2830	5	255	20
1200E	400	24	2.7	12	70	3100	5	679	50
1250E	400	17	1.9	10	74	2460	5	399	80
1300E	400	15	1.9	21	84	2060	2.5	684	140
1350E	400	11	1.1	33	90	2210	15	530	120
1400E	400	18	0.5	2.5	13	1640	7	164	10
1450E	400	54	2	2.5	157	2580	11	733	60
1500E	400	0.5	0.3	97	116	570	6	576	430
1550E	400	5	0.3	110	119	880	2.5	655	380
1600E	400	0.5	0.2	49	91	520	2.5	334	110
1650E	400	3	0.2	53	43	1620	2.5	79	90
1700E	400	3	0.7	25	106	2020	2.5	169	30
1750E	400	3	0.7	2.5	41	2640	2.5	55	50
1800E	400	2	0.3	25	34	1550	2.5	111	210
1850E	400	6	0.6	2.5	128	1400	31	434	110
1900E	400	4	0.4	2.5	88	3350	266	593	70
1950E	400	5	0.4	2.5	134	2870	313	1110	60
2000E	400	2	0.3	134	124	1540	12	947	230
Line 500N									
0E	500	10	1.3	8	62	1480	2.5	334	220
50E	500	9	1	13	65	500	2.5	93	90
100E	500	11	0.9	2.5	90	500	2.5	85	90
150E	500	28	3.8	2.5	180	880	2.5	218	130
200E	500	4	1.1	12	41	450	2.5	69	70
250E	500	12	1	2.5	64	350	2.5	33	30
300E	500	69	4.1	2.5	76	1450	2.5	58	10
350E	500	16	0.9	2.5	47	1550	2.5	134	130
400E	500	18	1.9	2.5	82	1640	2.5	276	230
450E	500	42	1.8	2.5	20	2950	6	49	80
500E	500	44	2	2.5	29	1120	2.5	28	80
550E	500	14	0.7	2.5	61	2310	2.5	26	110
600E	500	64	4.5	2.5	143	2420	2.5	169	80
650E	500	11	1	2.5	98	2050	2.5	282	180
700E	500	11	0.3	7	87	1550	2.5	305	270
750E	500	22	4.1	2.5	180	2090	2.5	243	130
800E	500	31	4	2.5	93	2450	2.5	307	110
850E	500	9	0.1	2.5	69	1270	172	1430	70
900E	500	18	1.5	12	28	4070	2.5	260	20
950E	500	21	1	12	59	2870	2.5	363	100
1000E	500	24	2.8	13	159	1330	2.5	203	170
1050E	500	61	4.4	2.5	165	4220	6	542	210
1100E	500	31	3.2	6	152	4260	5	484	110
1150E	500	9	0.7	49	72	1730	6	251	150
1200E	500	3	1.3	8	88	2610	6	349	150

BEATON PROPERTY

MMI DATA

ANALYTE			Au	Ce	Co	Cu	Mo	Ni	Zn
DETECTION(ppb)			0.1	5	5	10	5	5	20
1250E	500	2	0.3	2.5	95	1120	33	594	270
1300E	500	7	1	2.5	58	4080	27	564	80
1350E	500	11	0.4	2.5	73	420	70	187	10
1400E	500	31	1.4	2.5	88	1850	30	132	10
1450E	500	12	0.7	2.5	72	1470	65	75	30
1500E	500	35	2.7	2.5	157	2200	16	229	20
1550E	500	13	4.2	2.5	38	5340	2.5	135	70
1600E	500	22	1.4	8	45	2980	2.5	302	10
1650E	500	24	4.1	2.5	30	3080	2.5	280	10
1700E	500	8	1.5	2.5	23	2560	2.5	228	10
1750E	500	12	1.1	6	42	2140	2.5	386	80
1800E	500	10	0.8	2.5	45	1480	8	99	40
Line 600N									
0E	600N	10	0.5	21	35	1190	2.5	523	310
50E	600N	23	2.5	11	49	1820	2.5	411	170
100E	600N	12	0.5	12	20	1210	2.5	297	170
150E	600N	14	0.4	17	43	670	2.5	91	100
200E	600N	10	0.6	26	41	1300	2.5	91	200
250E	600N	14	1.1	16	10	1440	2.5	77	110
300E	600N	19	3.7	7	16	2880	2.5	250	110
350E	600N	20	2.6	15	151	2110	2.5	669	200
400E	600N	5	0.2	71	57	850	5	322	90
450E	600N	28	1.1	5	14	2070	2.5	58	70
500E	600N	28	1.4	2.5	20	2500	2.5	100	90
550E	600N	19	1.1	5	13	3230	2.5	157	60
600E	600N	22	1.2	22	35	1860	2.5	738	140
650E	600N	22	1.2	45	40	1940	2.5	469	160
700E	600N	45	4.4	12	45	3180	2.5	424	100
750E	600N	19	2.3	19	30	2130	2.5	555	130
800E	600N	37	2.5	2.5	9	2920	6	115	60
850E	600N	35	4.6	12	12	2200	19	88	60
900E	600N	16	3.9	14	100	1560	12	387	110
950E	600N	8	0.5	31	55	2040	51	452	110
1000E	600N	18	2.2	18	28	1810	2.5	281	90
1050E	600N	22	3	7	14	2220	2.5	267	90
1100E	600N	32	4.3	8	31	2640	2.5	202	50
1150E	600N	21	2.2	22	30	2290	2.5	353	80
1200E	600N	22	2.4	10	23	2950	2.5	255	50
1250E	600N	21	2.4	7	55	2750	2.5	321	70
1300E	600N	13	0.7	22	53	1990	57	327	90
1350E	600N	18	0.7	2.5	7	1590	16	98	60
1400E	600N	29	1.6	7	21	2500	2.5	194	70
1450E	600N	15	0.8	29	33	1640	2.5	388	110
1500E	600N	18	1.2	19	25	1780	2.5	214	80
1550E	600N	10	1	53	49	1820	2.5	432	140

BEATON PROPERTY

MMI DATA

ANALYTE			Au	Ce	Co	Cu	Mo	Ni	Zn
DETECTION(ppb)			0.1	5	5	10	5	5	20
1600E	600N	17	3.2	2.5	23	2660	2.5	152	60
1650E	600N	34	2.1	2.5	16	2150	2.5	163	40
1700E	600N	18	1.9	2.5	7	2450	6	258	70
1750E	600N	6	0.8	12	20	2270	2.5	305	70
1800E	600N	7	1	7	10	1780	2.5	145	70
1850E	600N	28	1.3	2.5	30	1260	51	1230	60
1900E	600N	19	1.7	12	47	3140	12	225	80
1950E	600N	19	1.1	53	44	2120	6	375	90
2000E	600N	41	1.4	24	41	1350	2.5	208	70
Line 800N									
0E	800N	37	2.1	8	98	2460	5	486	150
50E	800N	29	1.5	5	30	3330	2.5	451	70
100E	800N	19	0.7	6	19	1200	2.5	573	130
150E	800N	16	1.2	23	27	2100	2.5	719	100
200E	800N	19	0.3	151	174	1470	6	1730	300
250E	800N	7	0.9	27	53	1370	2.5	590	220
300E	800N	16	1.5	28	62	2360	2.5	489	80
350E	800N	16	2.8	33	70	2280	2.5	675	130
400E	800N	19	1.6	10	39	1180	6	302	340
450E	800N	30	5.6	12	61	2940	2.5	440	80
500E	800N	44	2.8	20	175	2790	5	936	190
550E	800N	28	1.8	9	70	2100	2.5	1200	90
600E	800N	24	2.2	9	41	2590	2.5	449	100
650E	800N	12	0.9	20	29	1560	2.5	608	180
700E	800N	28	4.6	2.5	14	1900	2.5	150	80
750E	800N	13	1	24	58	2020	2.5	631	130
800E	800N	7	0.5	38	35	1690	2.5	846	150
850E	800N	35	3.5	2.5	47	3170	2.5	493	120
900E	800N	14	1.9	16	32	2370	6	457	160
950E	800N	38	3.6	9	128	2680	5	719	160
1000E	800N	12	1.6	7	16	1580	2.5	175	50
1050E	800N	18	2.6	17	58	2440	2.5	407	80
1100E	800N	26	1.8	10	48	2410	2.5	357	100
1150E	800N	17	1.3	8	45	1660	2.5	241	80
1200E	800N	25	3.2	7	42	2350	2.5	331	60
1250E	800N	24	4	11	49	2680	2.5	381	70
1300E	800N	28	2.2	2.5	30	2220	2.5	308	60
1350E	800N	33	1.9	2.5	13	1990	2.5	153	50
1400E	800N	19	1.8	7	17	2400	2.5	223	50
1450E	800N	20	1.8	2.5	50	2580	2.5	310	60
1500E	800N	30	1.8	2.5	15	2820	2.5	176	60
1550E	800N	20	2.6	19	50	2960	2.5	391	70
1600E	800N	27	3.2	2.5	36	1640	2.5	366	50
1650E	800N	45	5.7	2.5	30	2890	9	570	70
1700E	800N	38	3.6	2.5	36	2570	2.5	396	70

BEATON PROPERTY**MMI DATA**

ANALYTE			Au	Ce	Co	Cu	Mo	Ni	Zn
DETECTION(ppb)			0.1	5	5	10	5	5	20
1750E	800N	34	2.9	7	77	4440	2.5	700	50

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

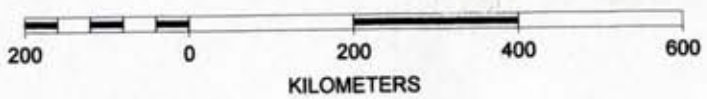
BC Border Layers

- BC Border 1:6M



GEOTRONICS CONSULTING INC.				
GREEN VALLEY MINE INCORPORATED				
LAKEWOOD MINING CO LTD				
BEATON CLAIM GROUP				
POWER LINE, SNOW and ICE LAKE ZONES				
Beaton Creek, Afton Mine Area, Kamloops MD, BC				
BC LOCATION MAP				
Scale:	Date:	Drawn by:	Job#:	Fig #
As shown	Feb '07	Aris	06-18	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)

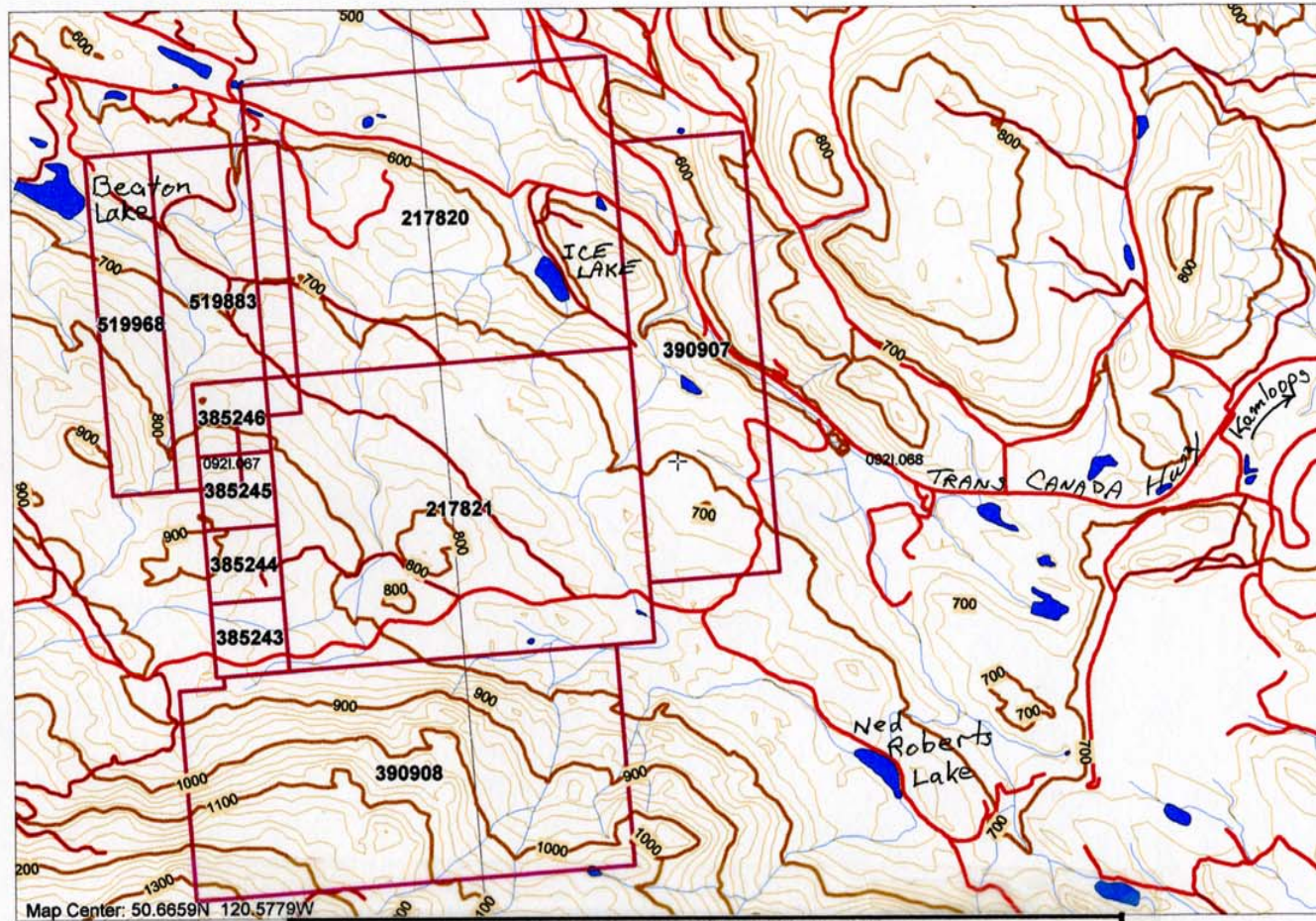
 Lakes 1:20K

 Rivers 1:20K

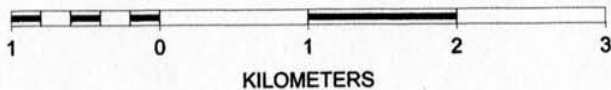
Grid Layers

 Grid 1:20K - labels

 Grid 1:20K - outline



SCALE 1 : 50,987




GEOTRONICS CONSULTING INC.				
GREEN VALLEY MINE INCORPORATED				
LAKEWOOD MINING CO LTD				
BEATON CLAIM GROUP				
POWER LINE, SNOW and ICE LAKE ZONES				
Beaton Creek, Afton Mine Area , Kamloops MD, BC				
CLAIM MAP				
Scale:	Date:	Drawn by:	Job#:	Fig #
As shown	Feb '07	Aris	06-18	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)

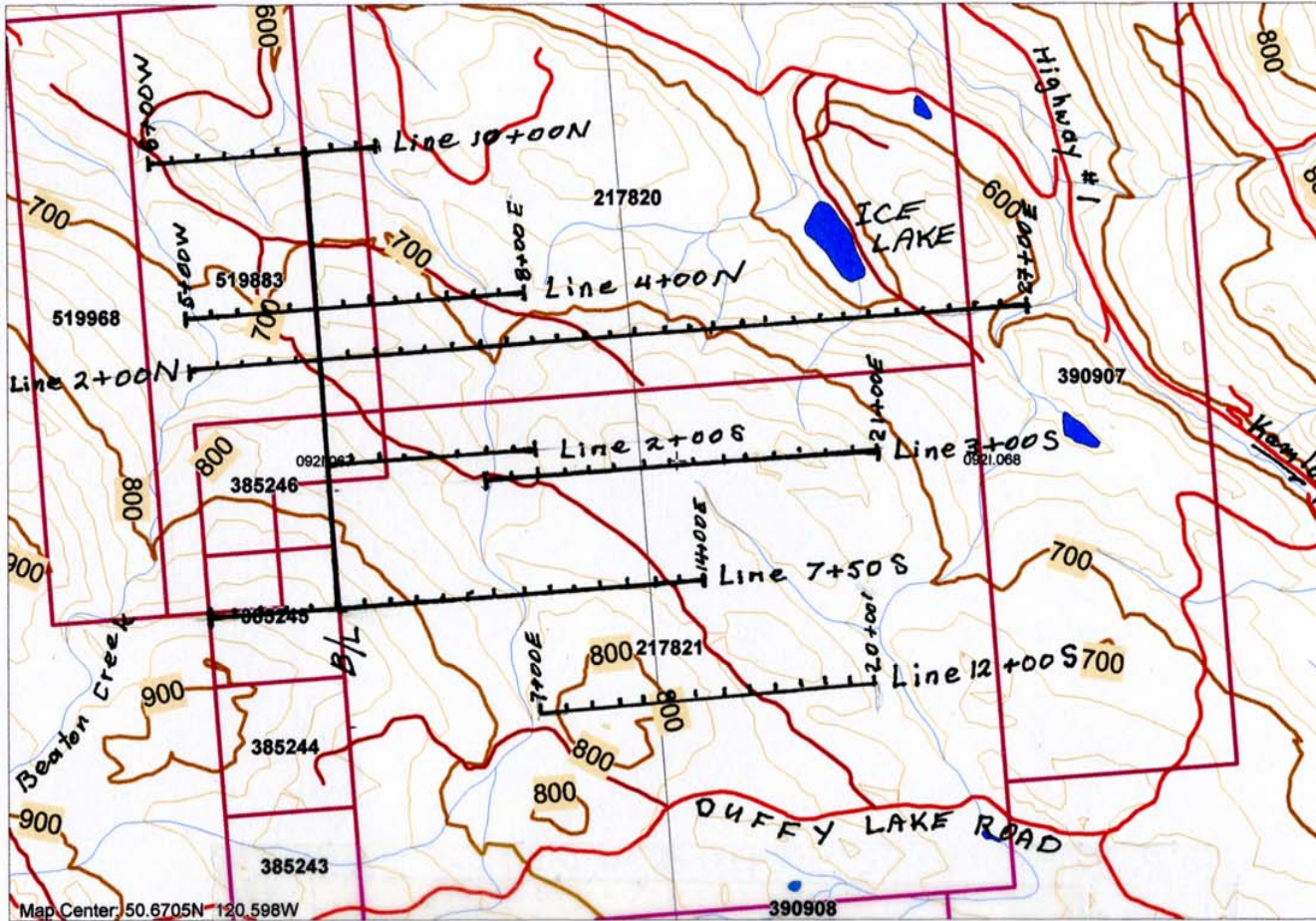
 Lakes 1:20K

 Rivers 1:20K

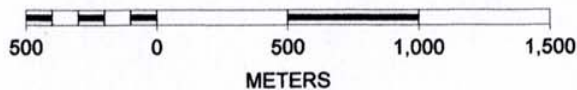
Grid Layers

 Grid 1:20K - labels

 Grid 1:20K - outline

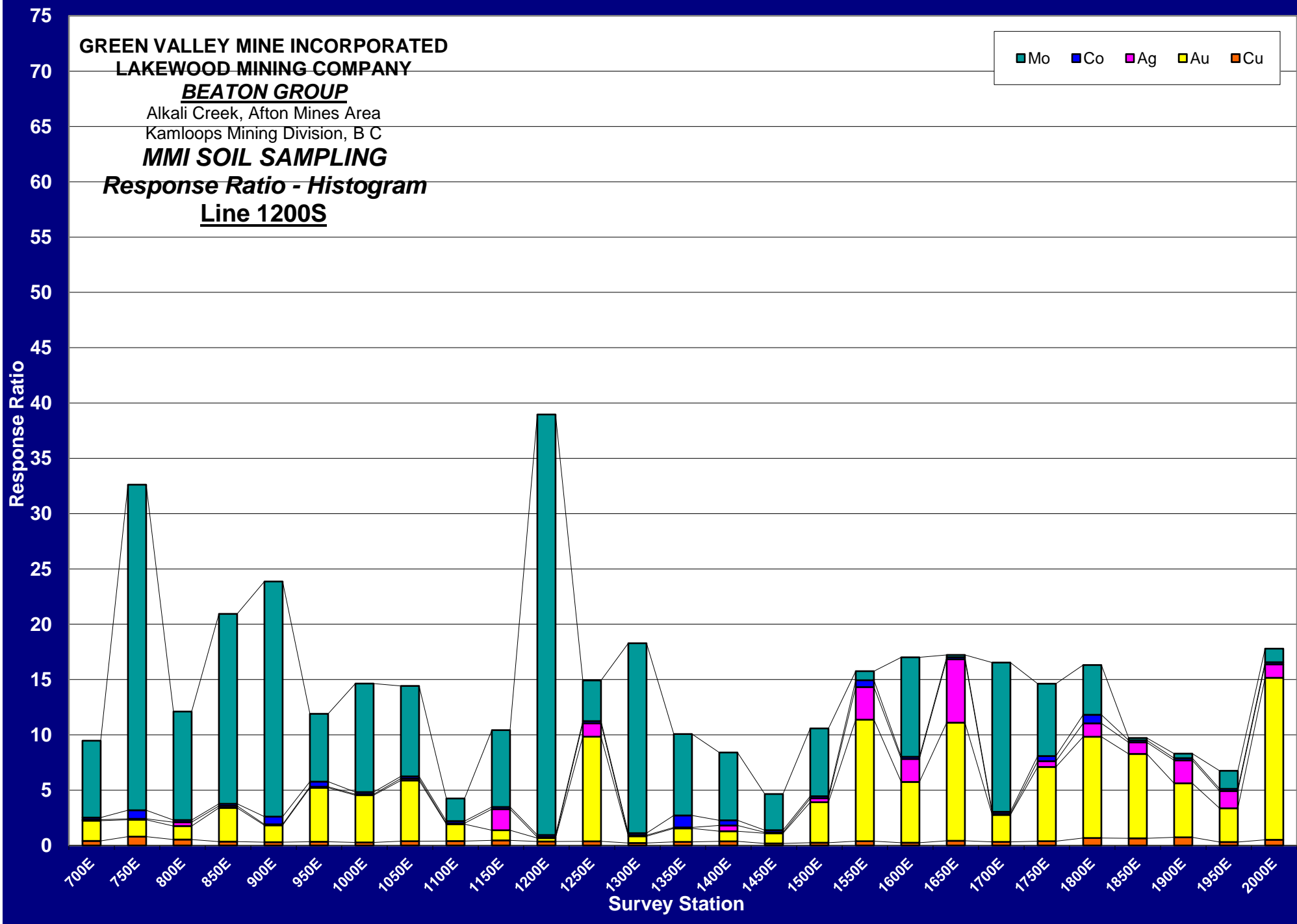
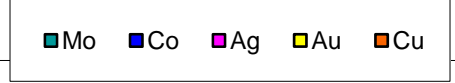


SCALE 1 : 28,871

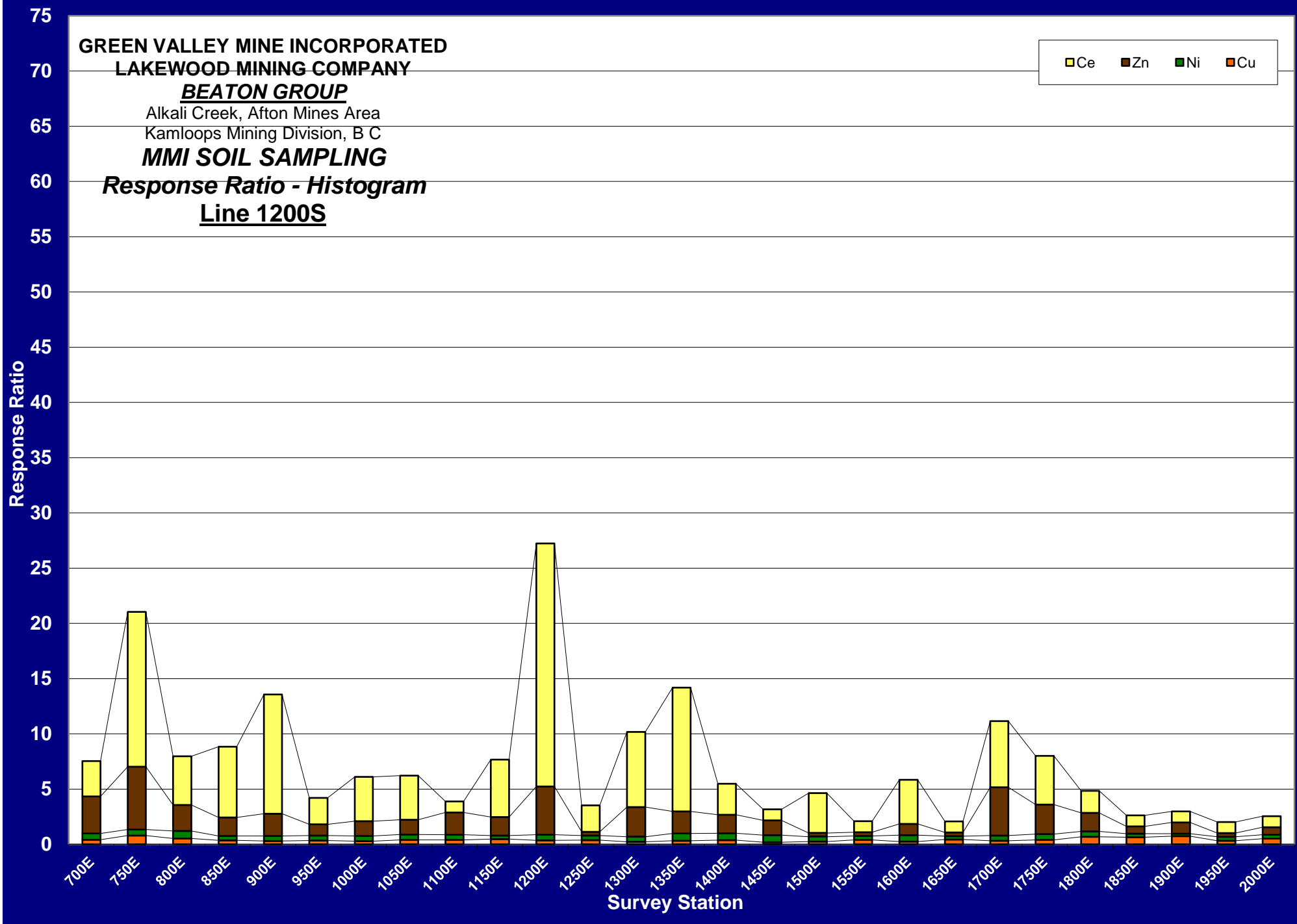
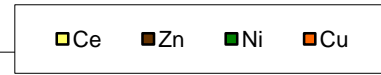


GEOTRONICS CONSULTING INC.				
GREEN VALLEY MINE INCORPORATED				
LAKEWOOD MINING CO LTD				
<u>BEATON CLAIM GROUP</u>				
POWER LINE, SNOW and ICE LAKE ZONES				
Beaton Creek, Afton Mine Area, Kamloops MD, BC				
MMI SOIL SURVEY PLAN MAP				
Scale:	Date:	Drawn by:	Job#:	Fig #
As shown	Feb '07	Aris	06-18	3

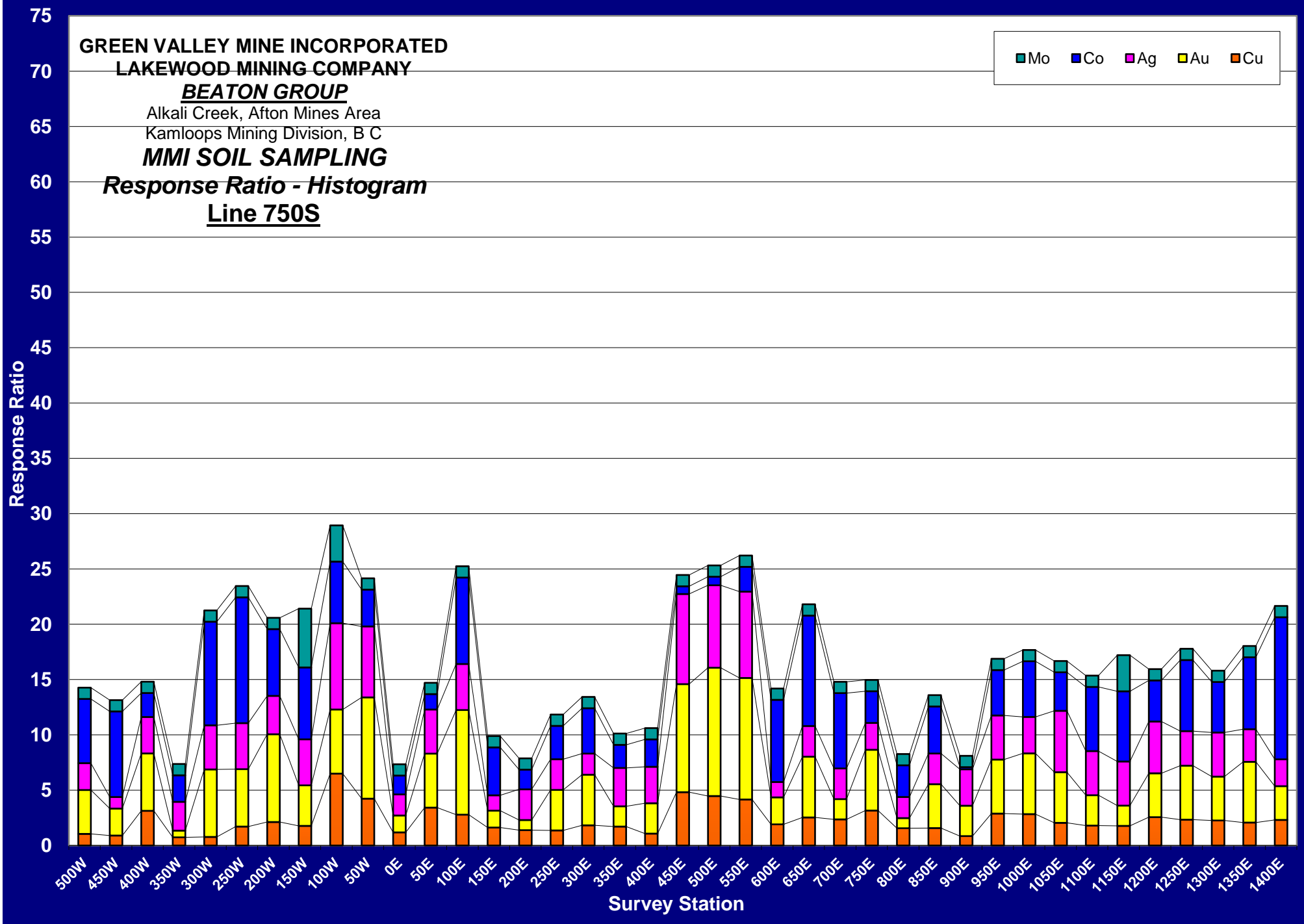
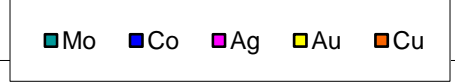
GREEN VALLEY MINE INCORPORATED
LAKWOOD MINING COMPANY
BEATON GROUP
 Alkali Creek, Afton Mines Area
 Kamloops Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 1200S



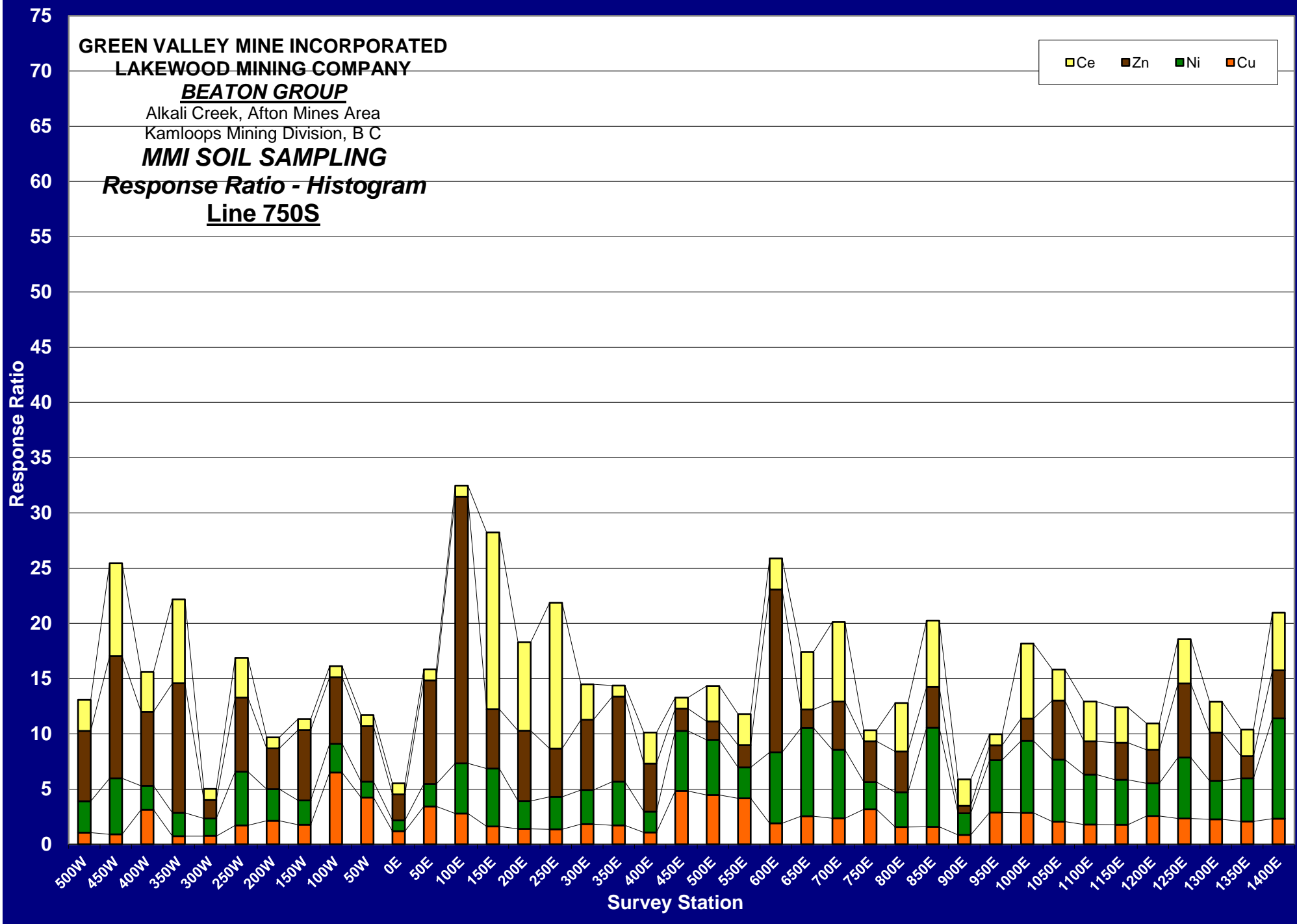
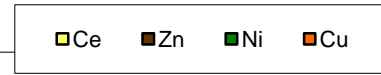
GREEN VALLEY MINE INCORPORATED
LAKWOOD MINING COMPANY
BEATON GROUP
 Alkali Creek, Afton Mines Area
 Kamloops Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 1200S



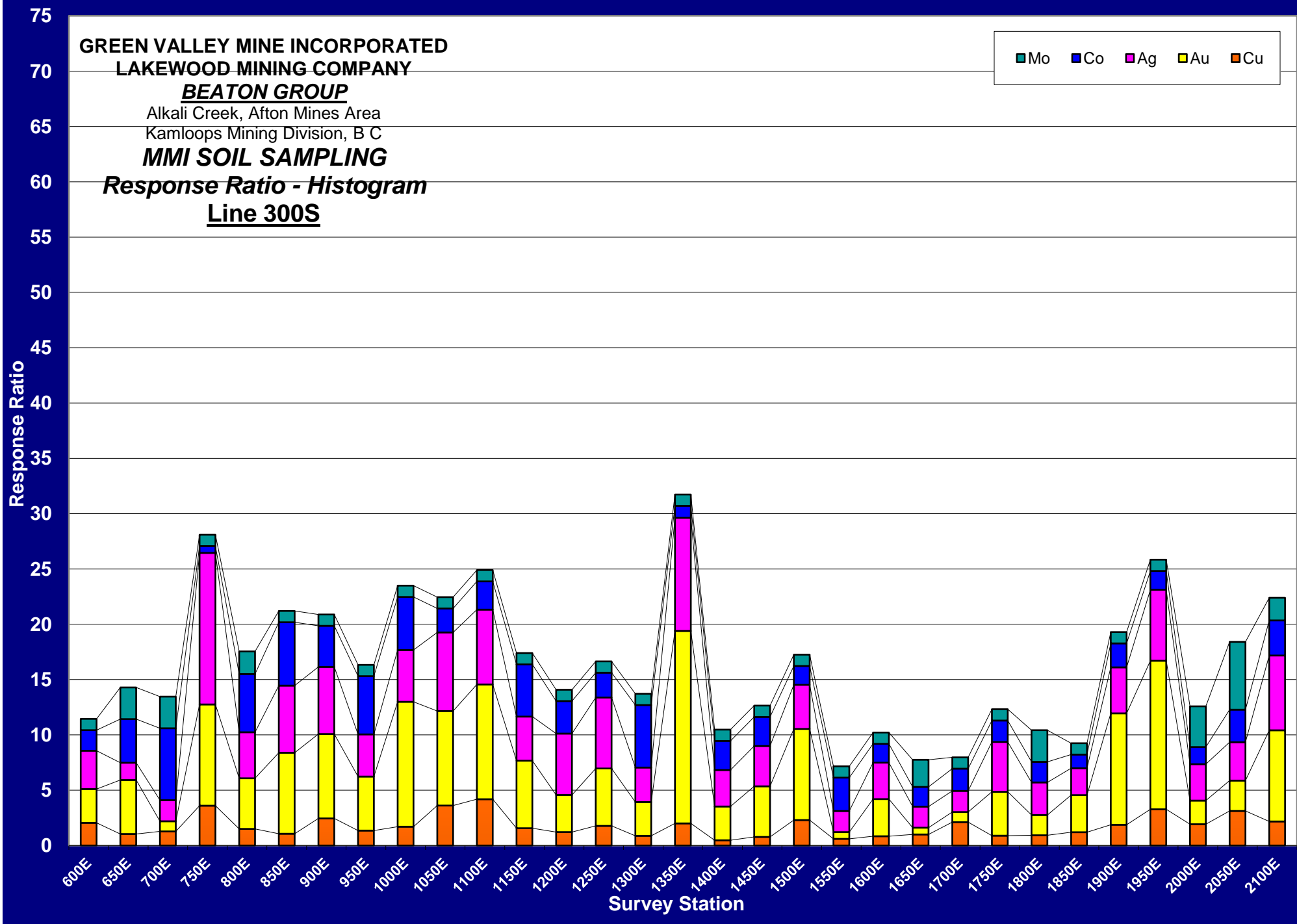
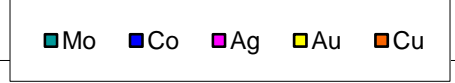
GREEN VALLEY MINE INCORPORATED
LAKWOOD MINING COMPANY
BEATON GROUP
 Alkali Creek, Afton Mines Area
 Kamloops Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 750S



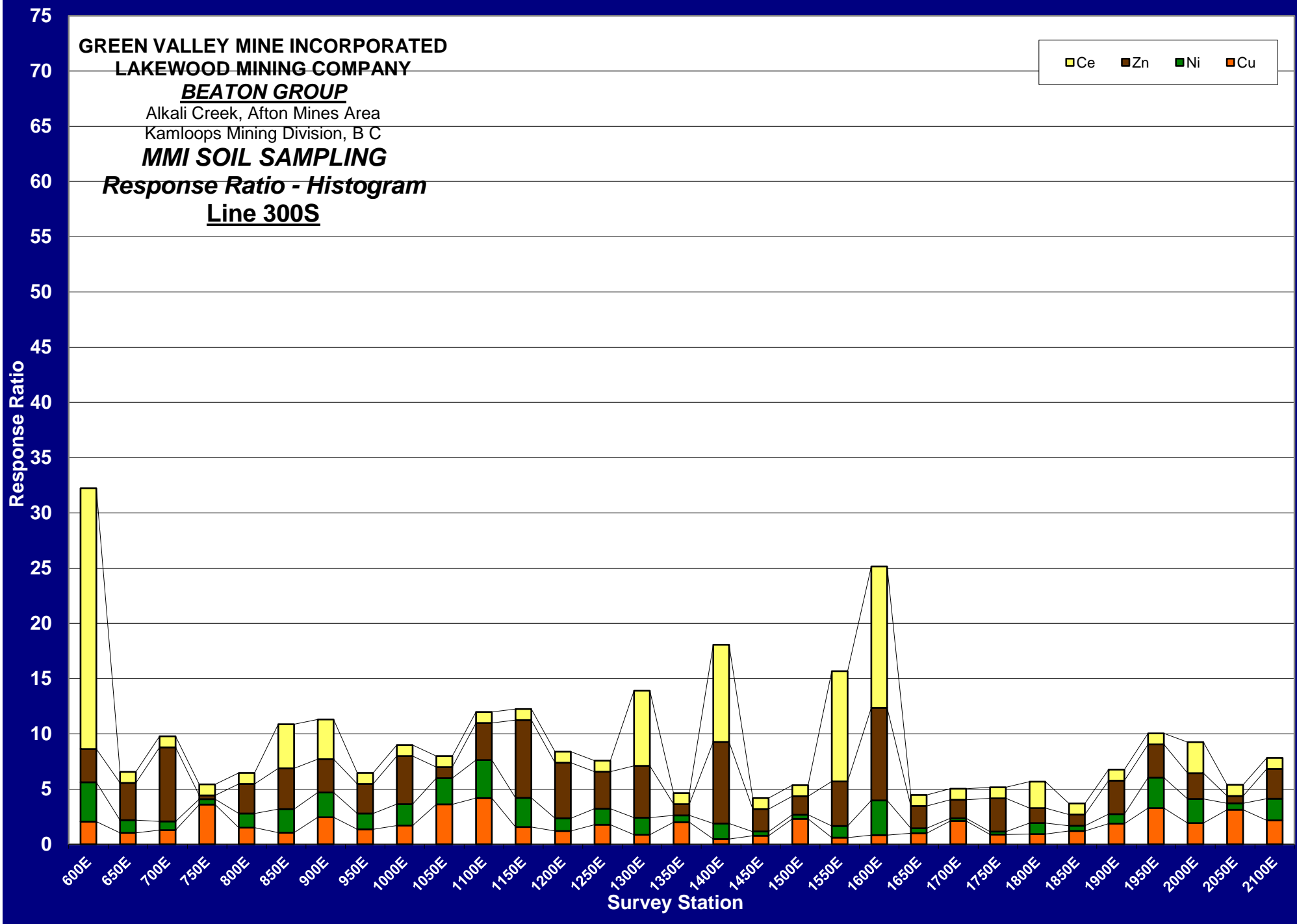
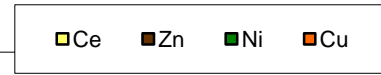
GREEN VALLEY MINE INCORPORATED
LAKWOOD MINING COMPANY
BEATON GROUP
 Alkali Creek, Afton Mines Area
 Kamloops Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 750S



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
Line 300S



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
Line 300S



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
Line 200S

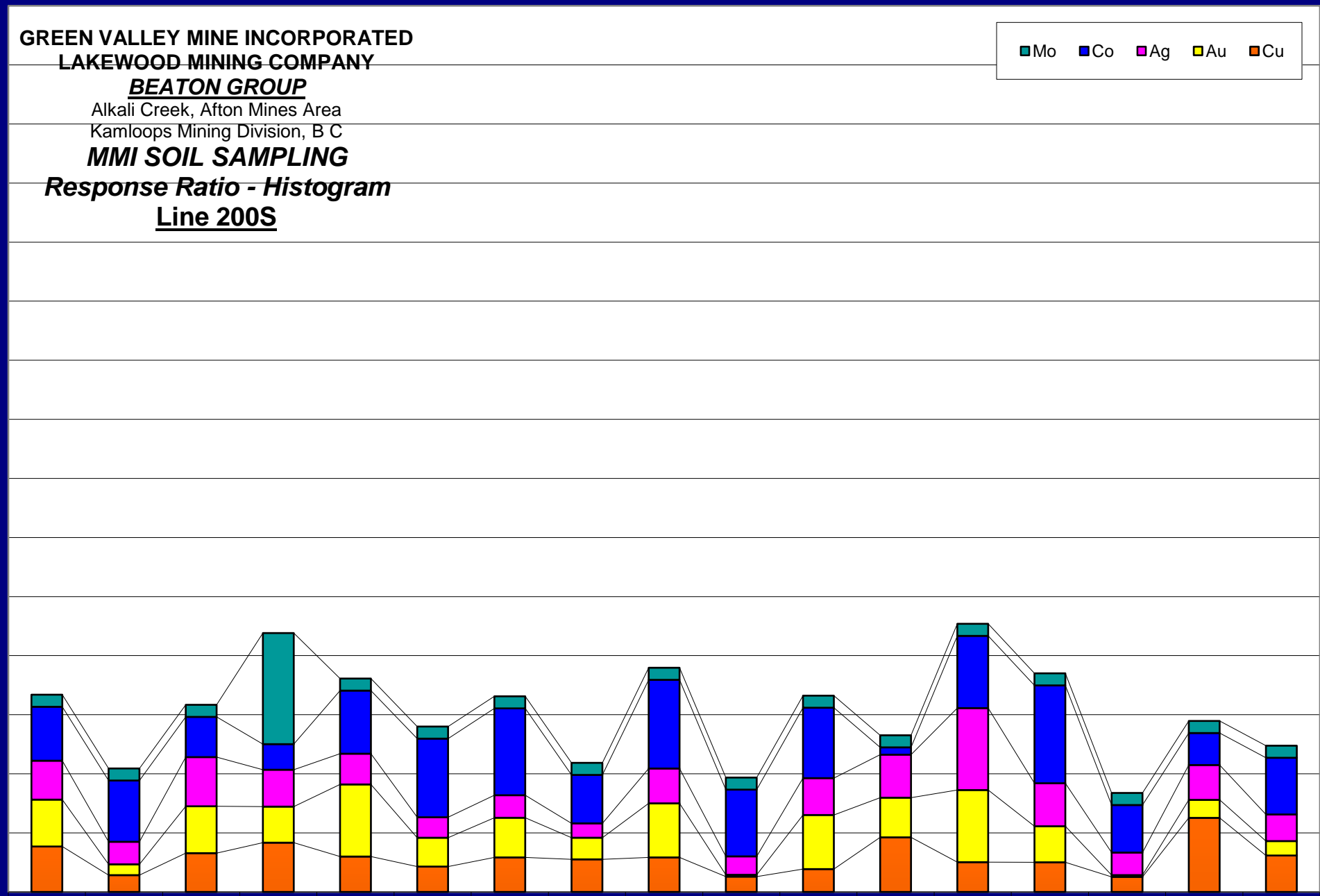


Response Ratio

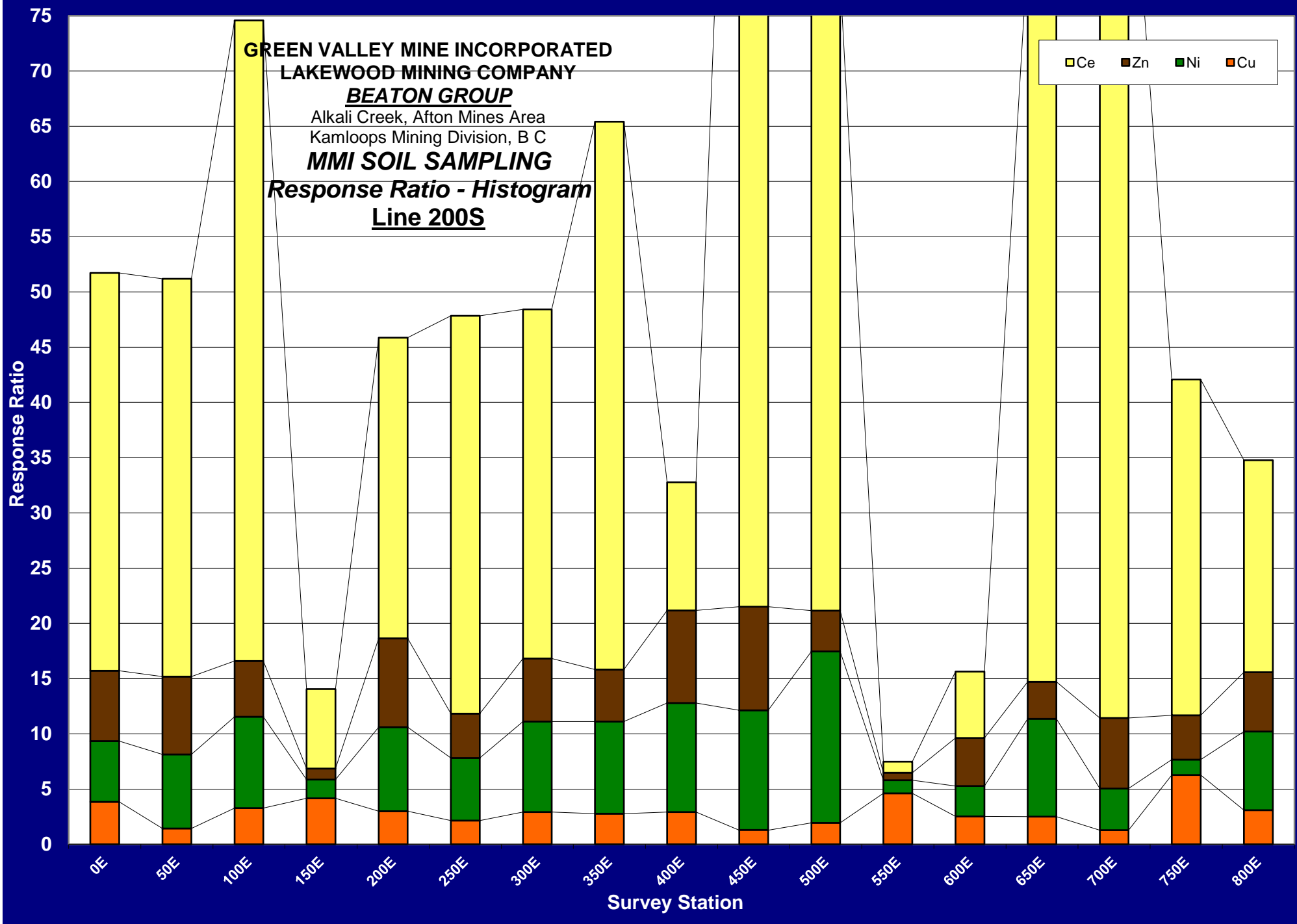
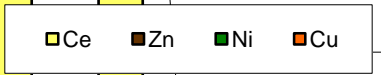
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0E 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E 750E 800E

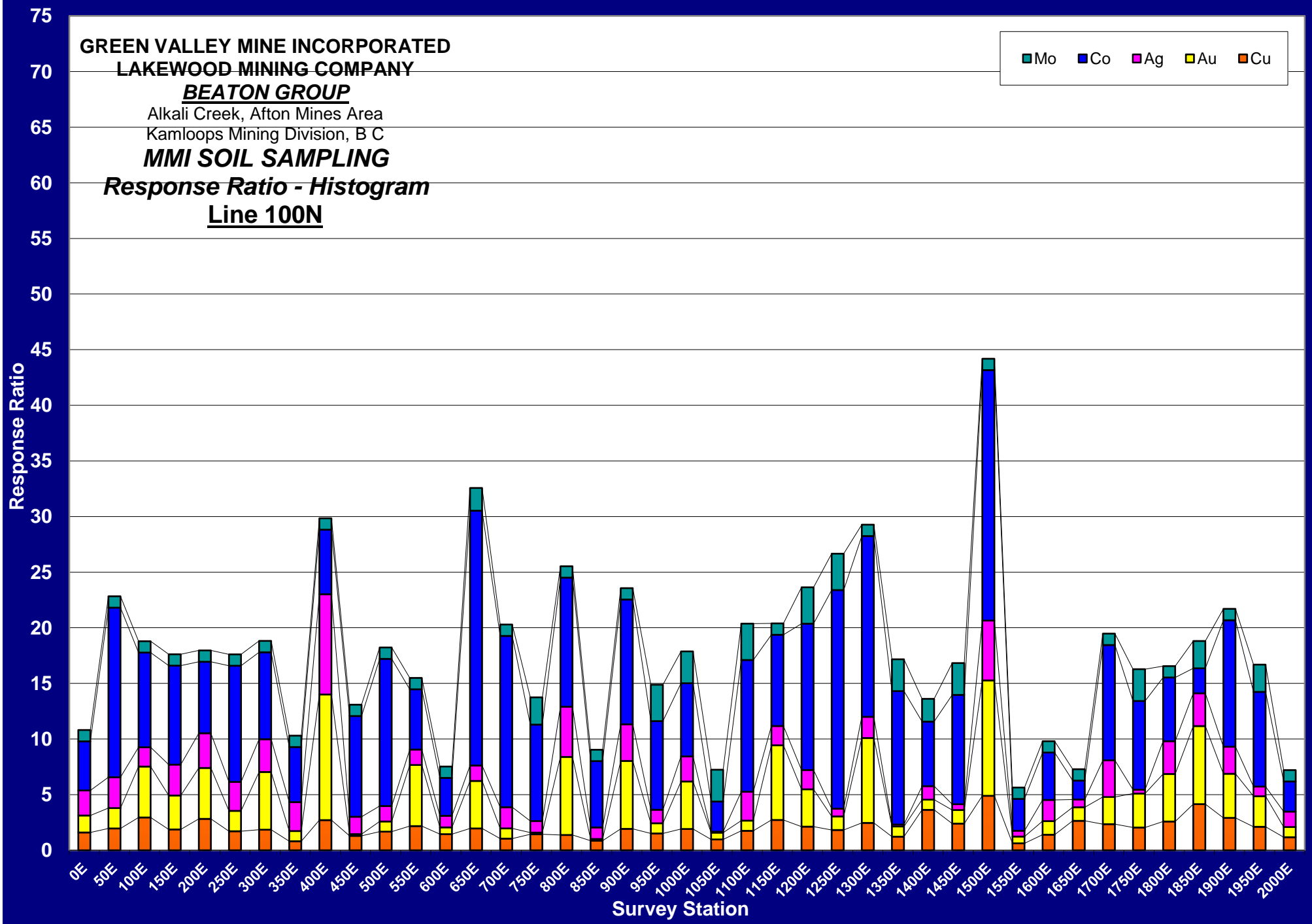
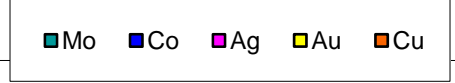
Survey Station



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
Line 200S

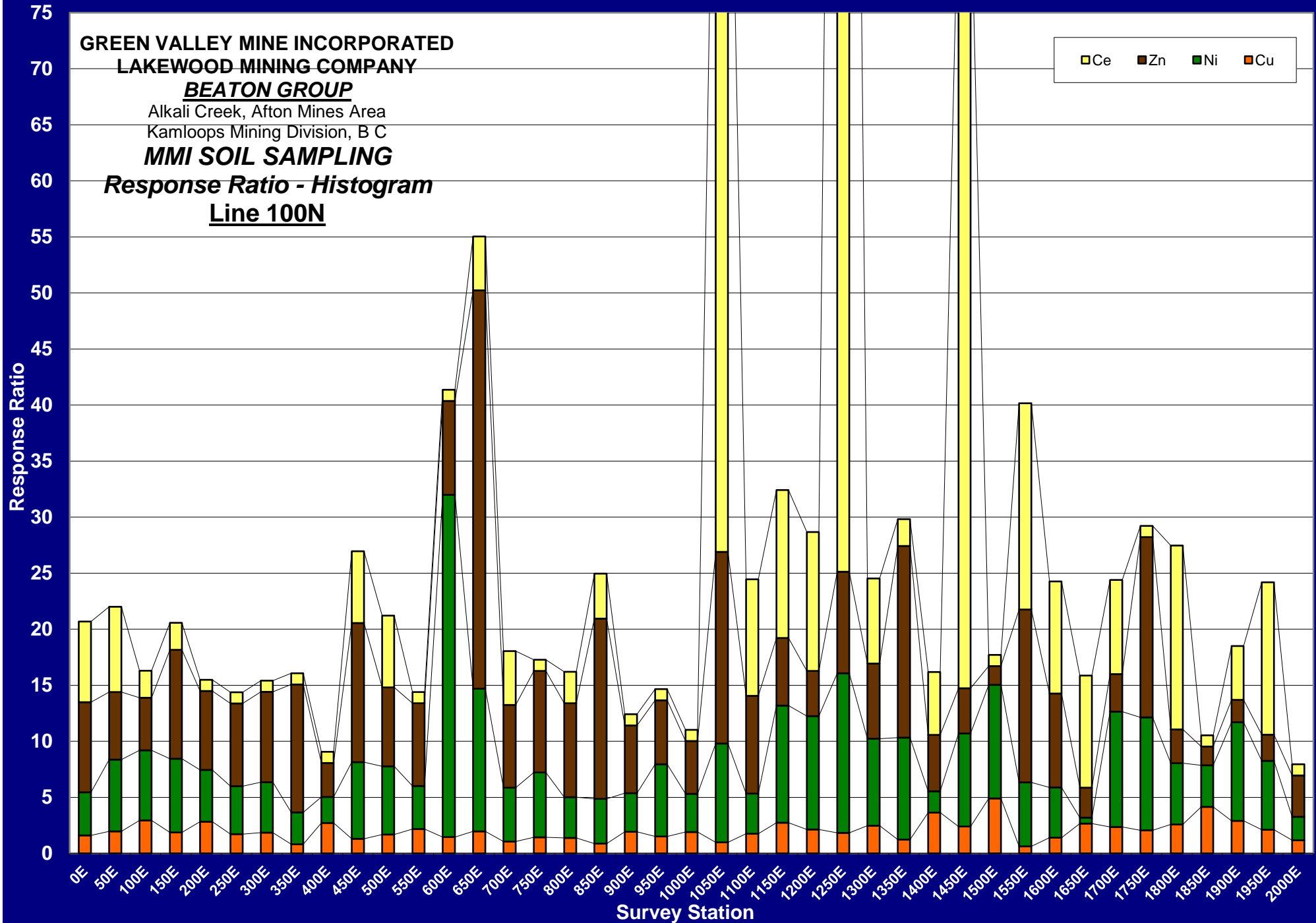


GREEN VALLEY MINE INCORPORATED
LAKWOOD MINING COMPANY
BEATON GROUP
 Alkali Creek, Afton Mines Area
 Kamloops Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 100N



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
Line 100N

■ Ce ■ Zn ■ Ni ■ Cu



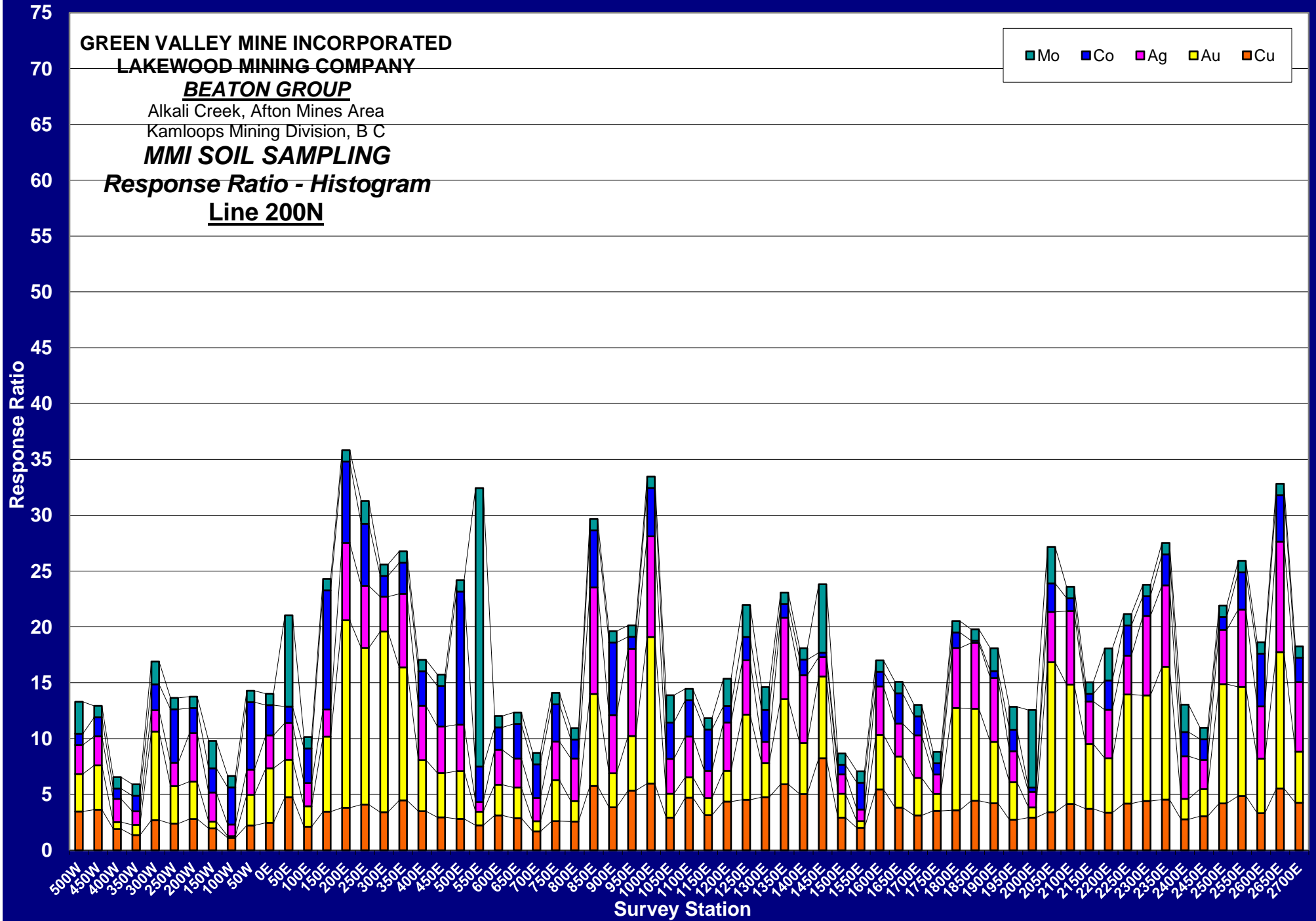
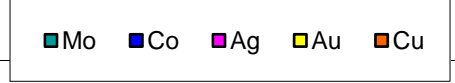
**GREEN VALLEY MINE INCORPORATED
LAKEWOOD MINING COMPANY
BEATON GROUP**

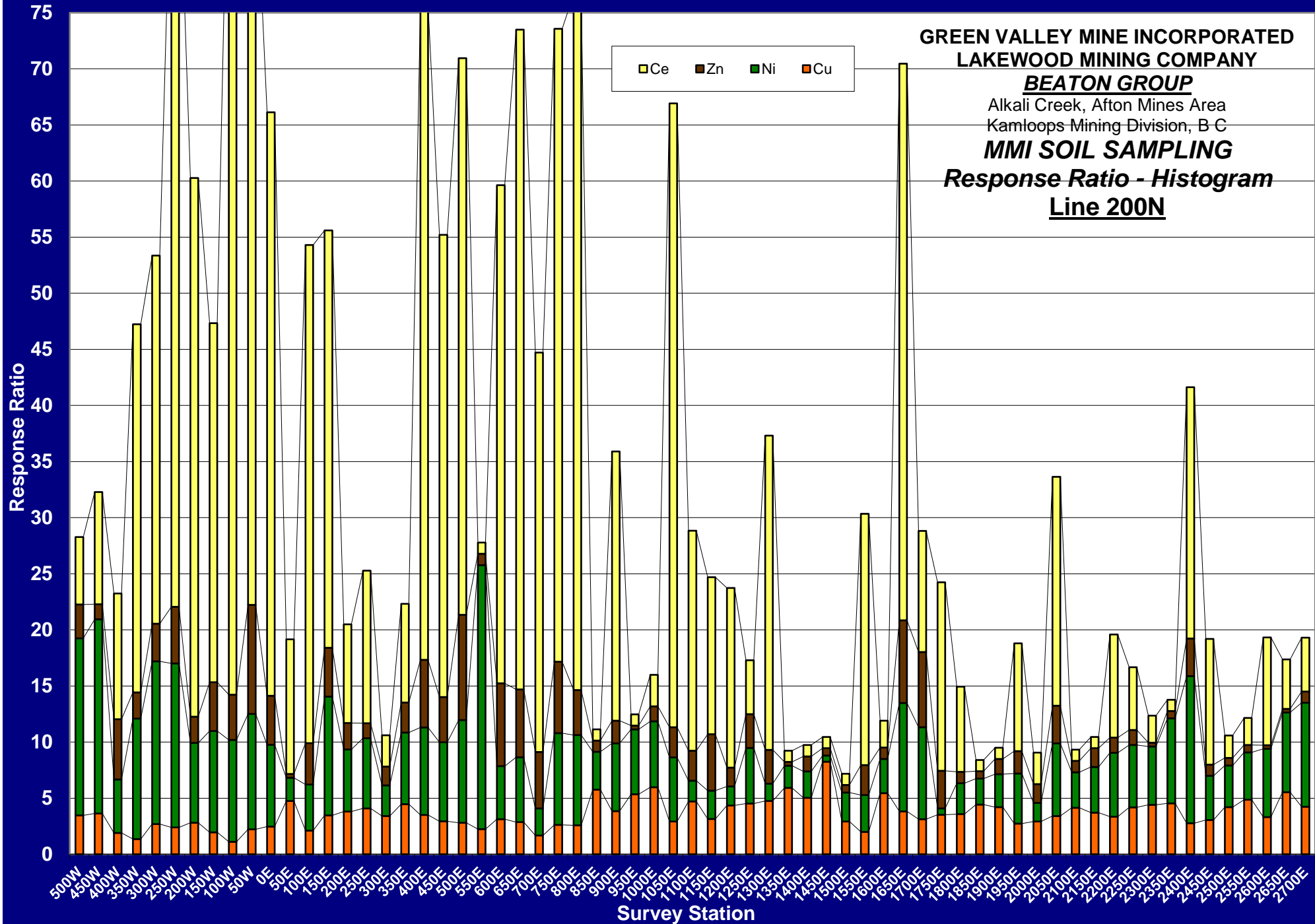
Alkali Creek, Afton Mines Area
Kamloops Mining Division, B C

MMI SOIL SAMPLING

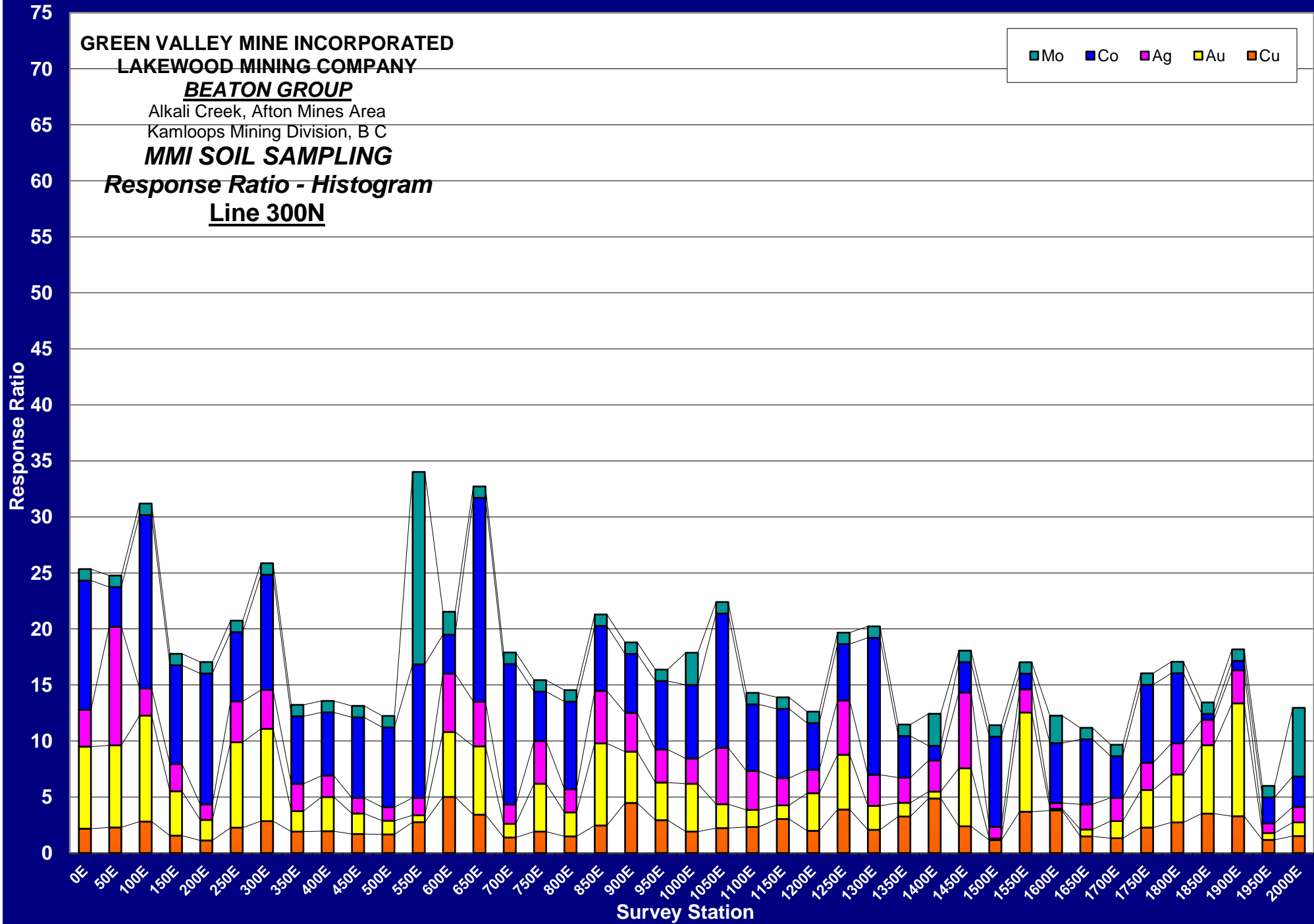
Response Ratio - Histogram

Line 200N

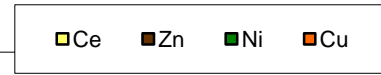




GREEN VALLEY MINE INCORPORATED
LAKWOOD MINING COMPANY
BEATON GROUP
 Alkali Creek, Afton Mines Area
 Kamloops Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 300N



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
Line 300N

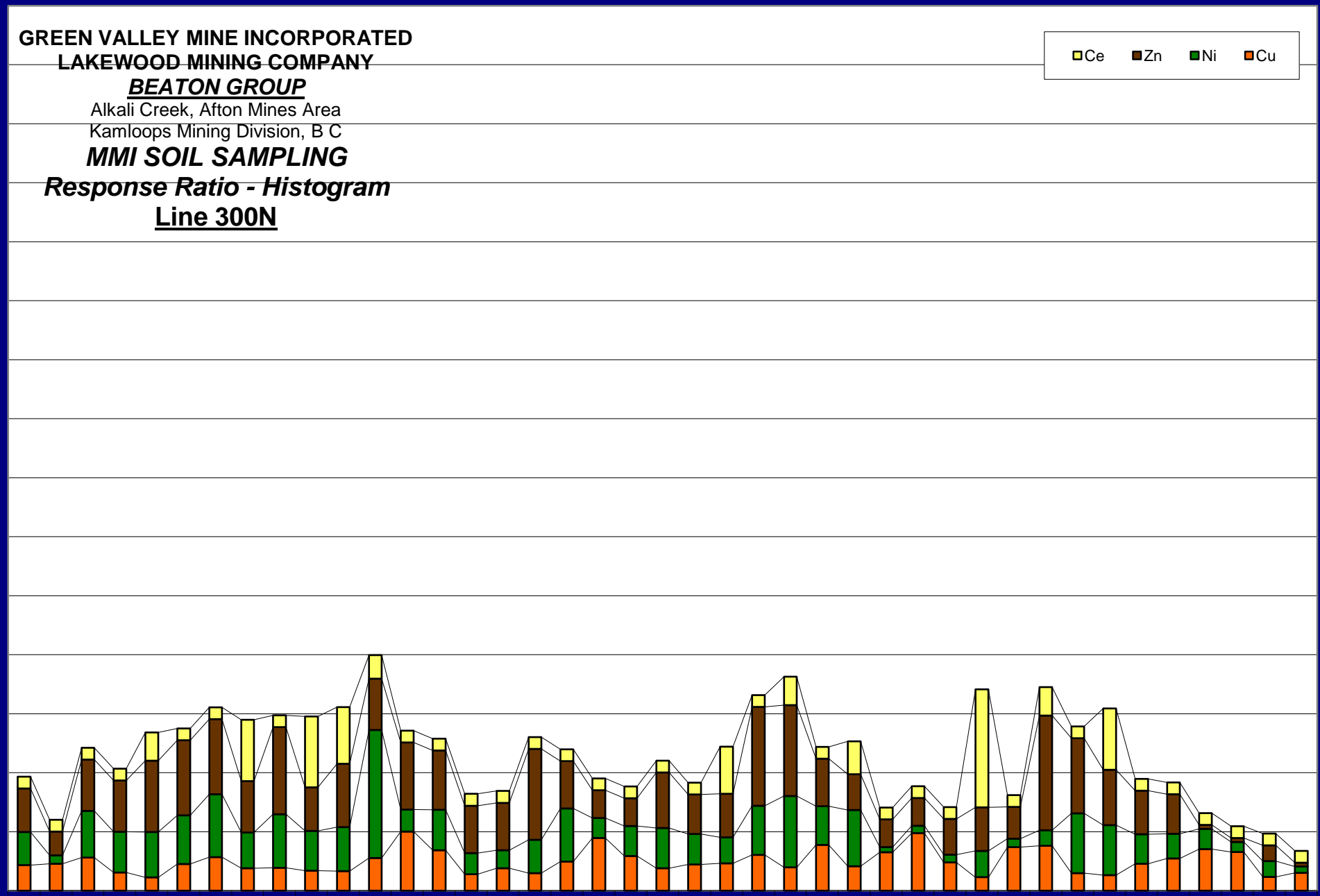


Response Ratio

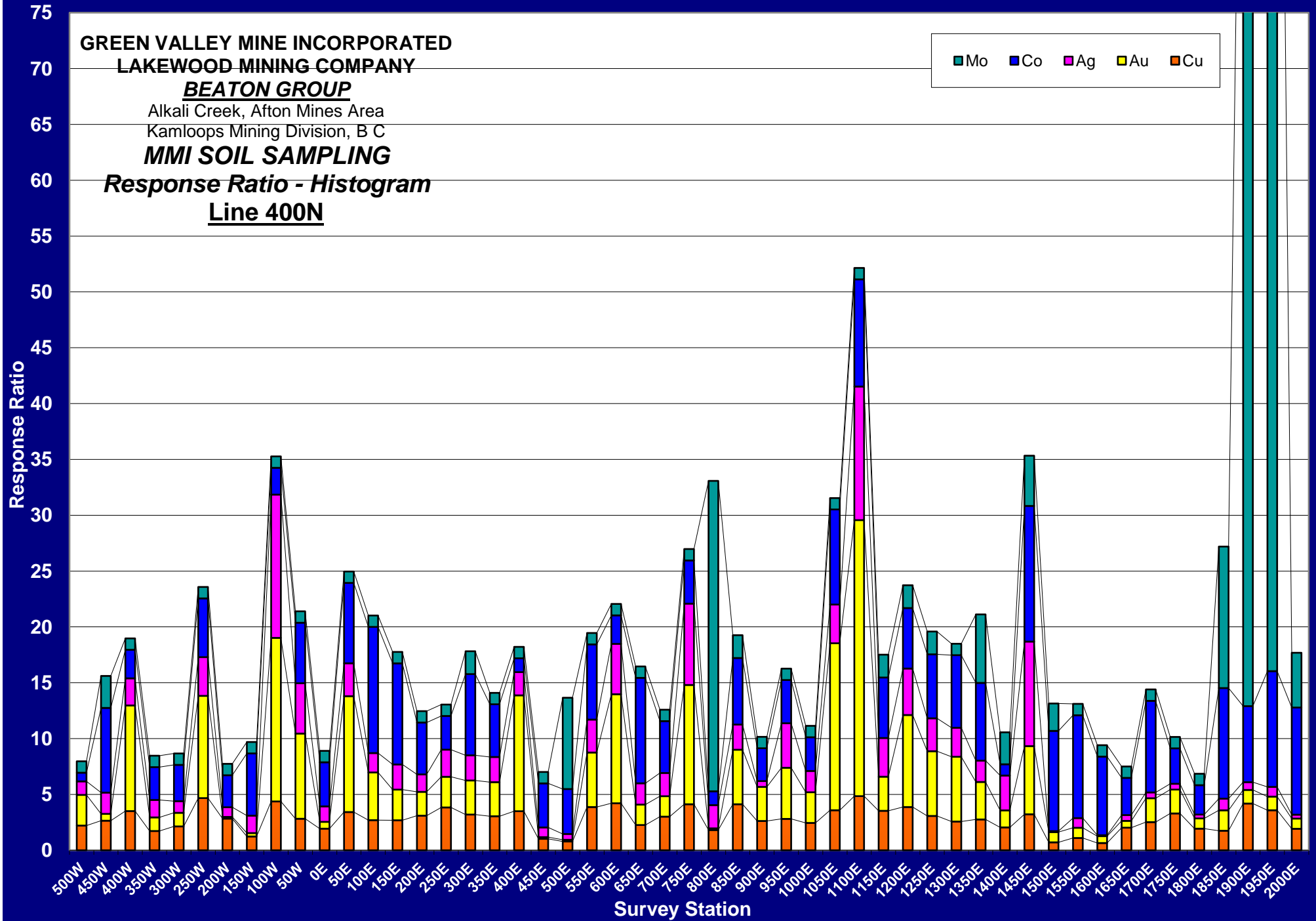
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0E 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E 550E 600E 650E 700E 750E 800E 850E 900E 950E 1000E 1050E 1100E 1150E 1200E 1250E 1300E 1350E 1400E 1450E 1500E 1550E 1600E 1650E 1700E 1750E 1800E 1850E 1900E 1950E 2000E

Survey Station



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
Line 400N



**GREEN VALLEY MINE INCORPORATED
LAKWOOD MINING COMPANY**

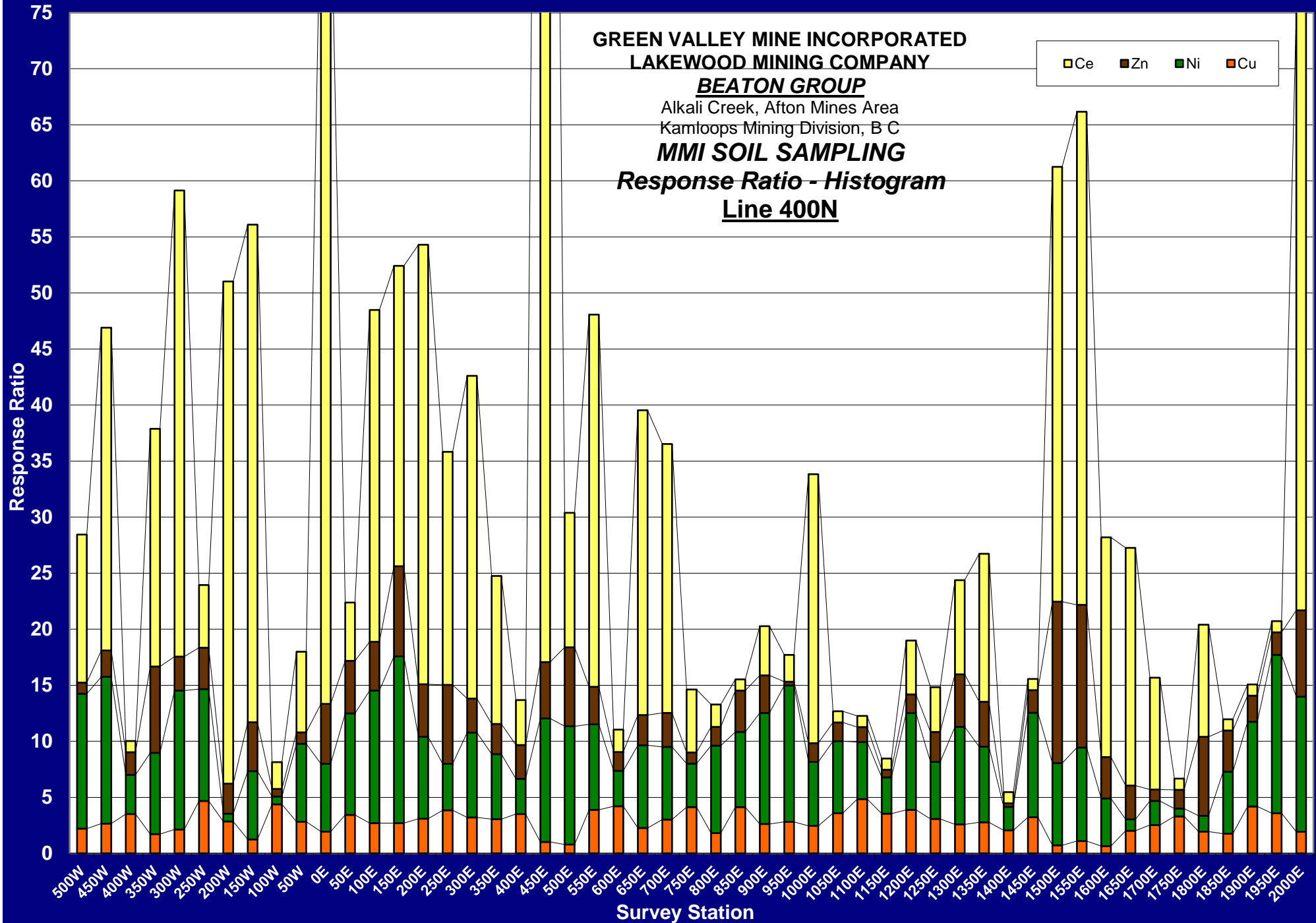
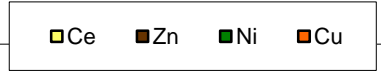
BEATON GROUP

Alkali Creek, Afton Mines Area
Kamloops Mining Division, B C

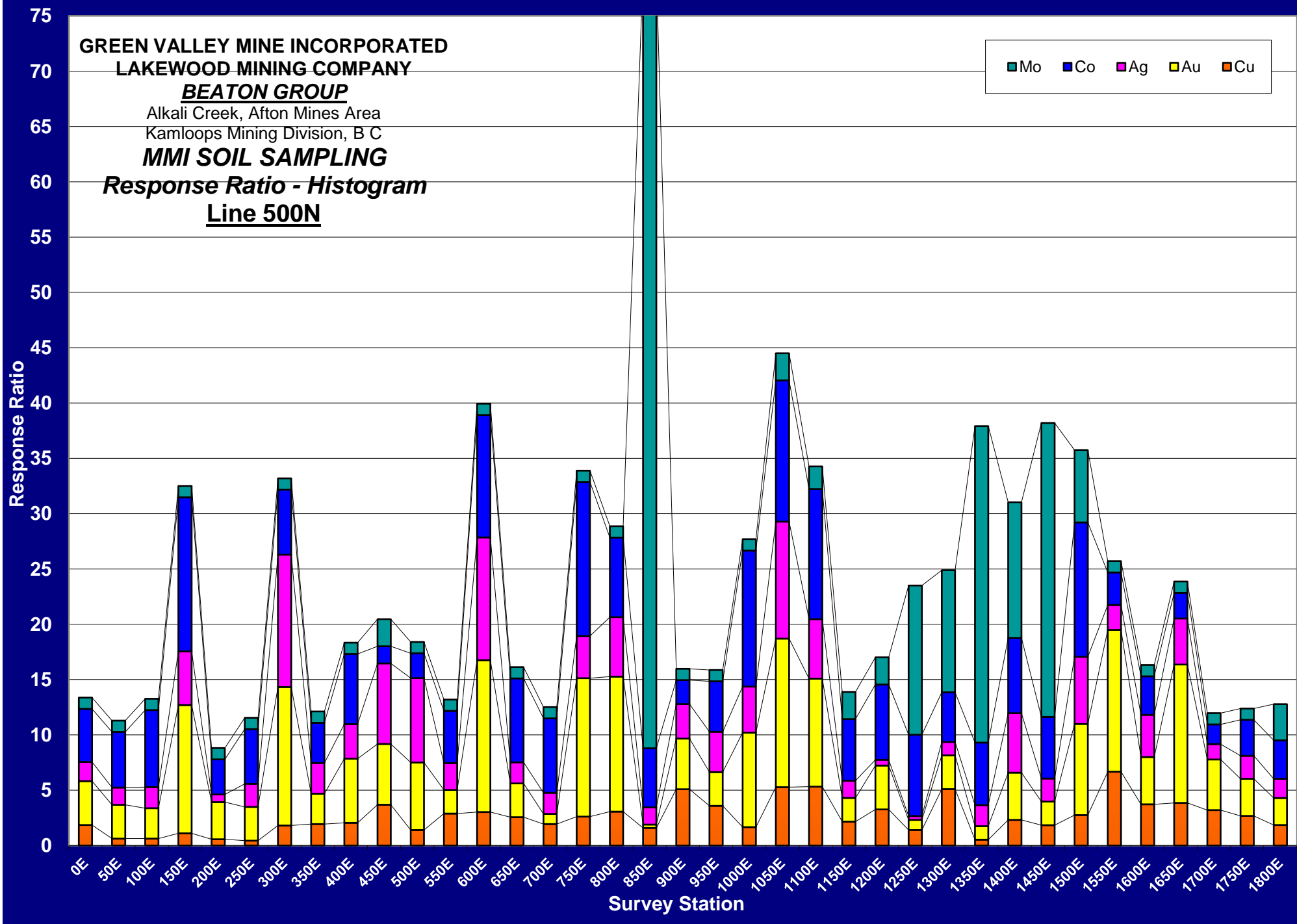
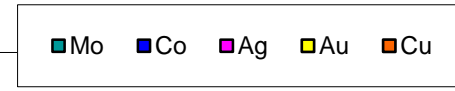
MMI SOIL SAMPLING

Response Ratio - Histogram

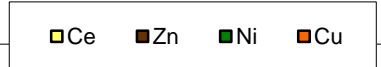
Line 400N



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
Line 500N



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
Line 500N

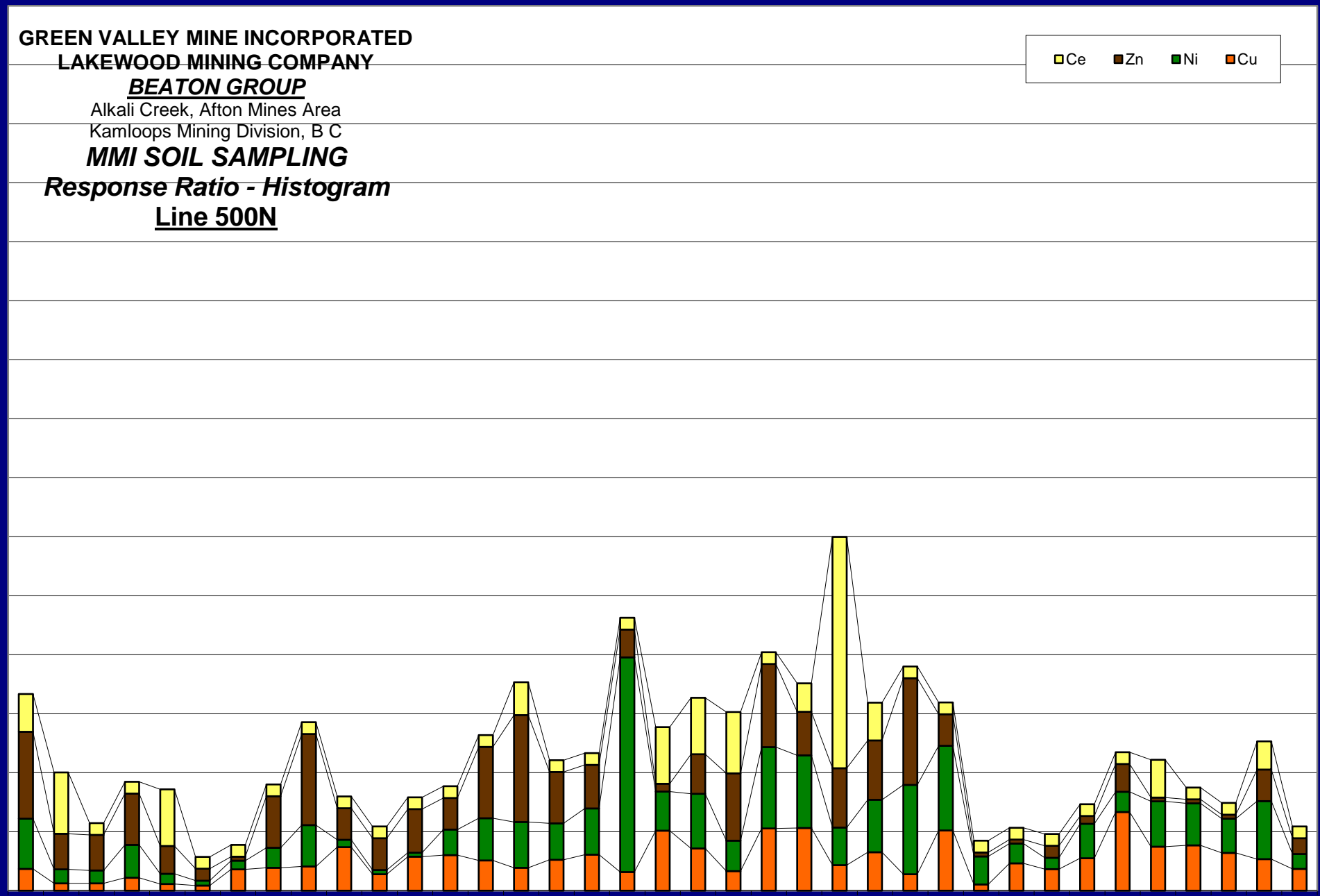


Response Ratio

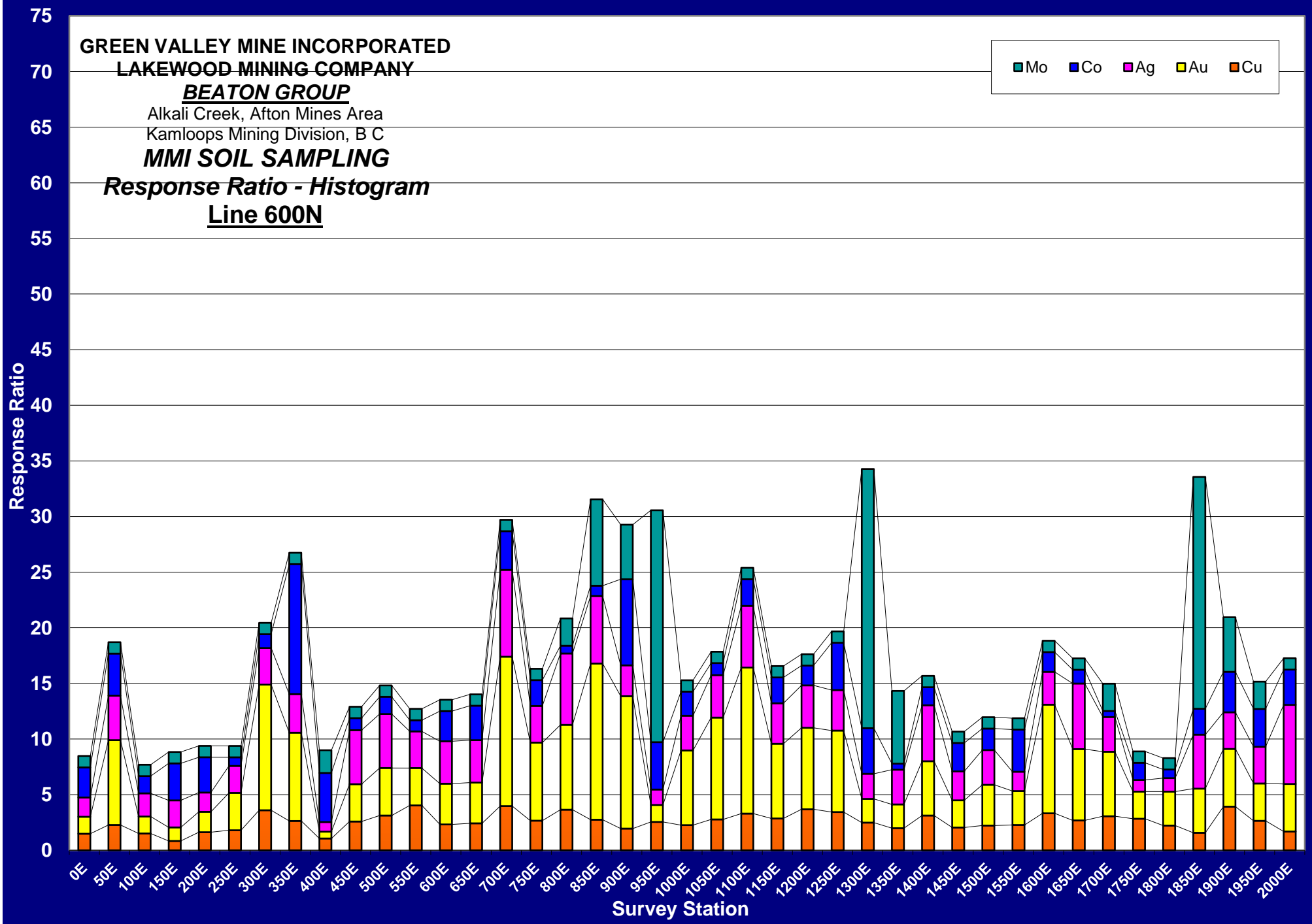
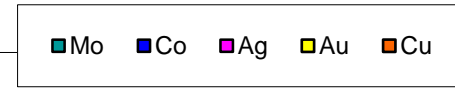
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Survey Station



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
Line 600N



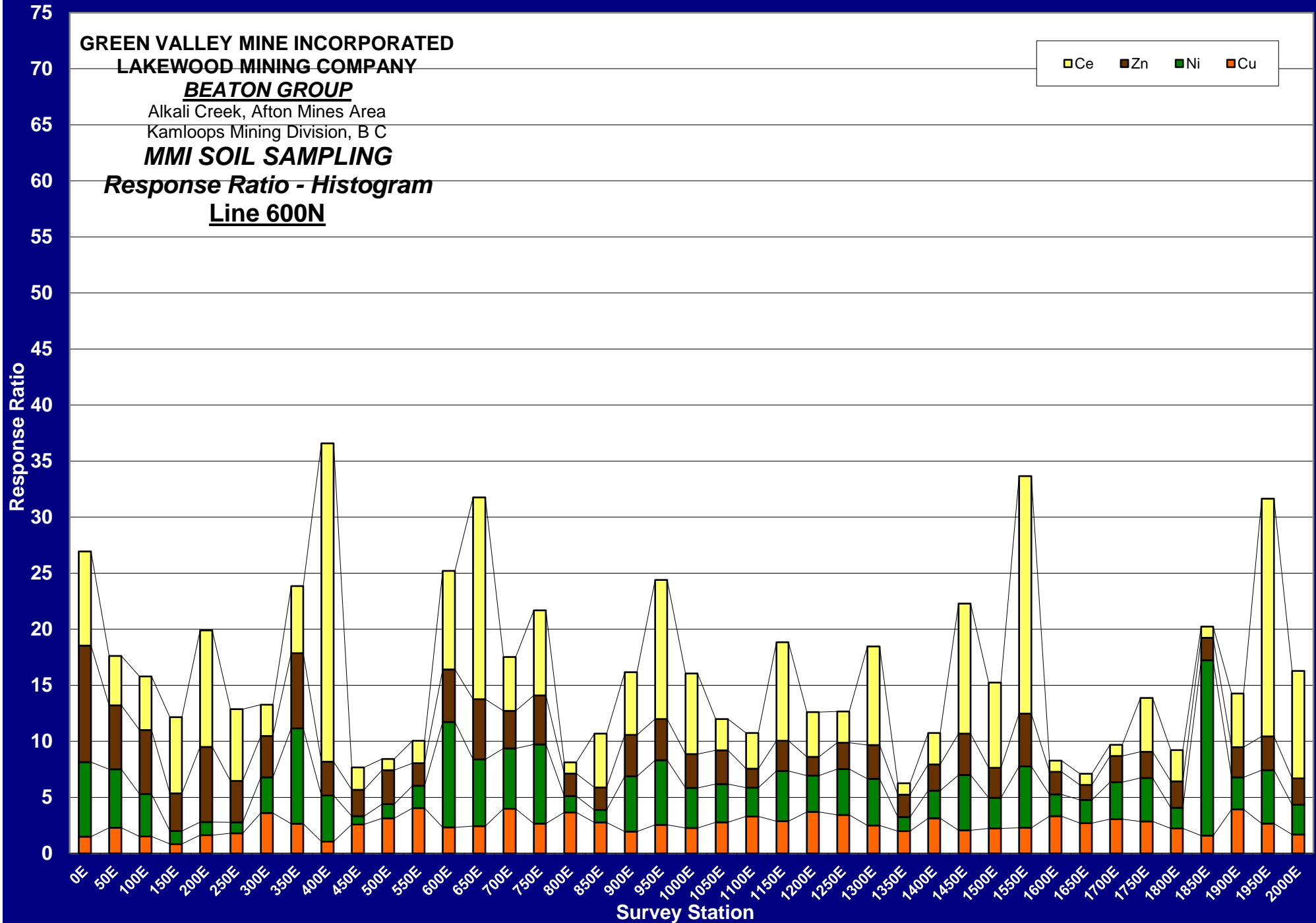
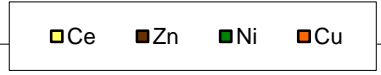
**GREEN VALLEY MINE INCORPORATED
 LAKEWOOD MINING COMPANY
BEATON GROUP**

Alkali Creek, Afton Mines Area
 Kamloops Mining Division, B C

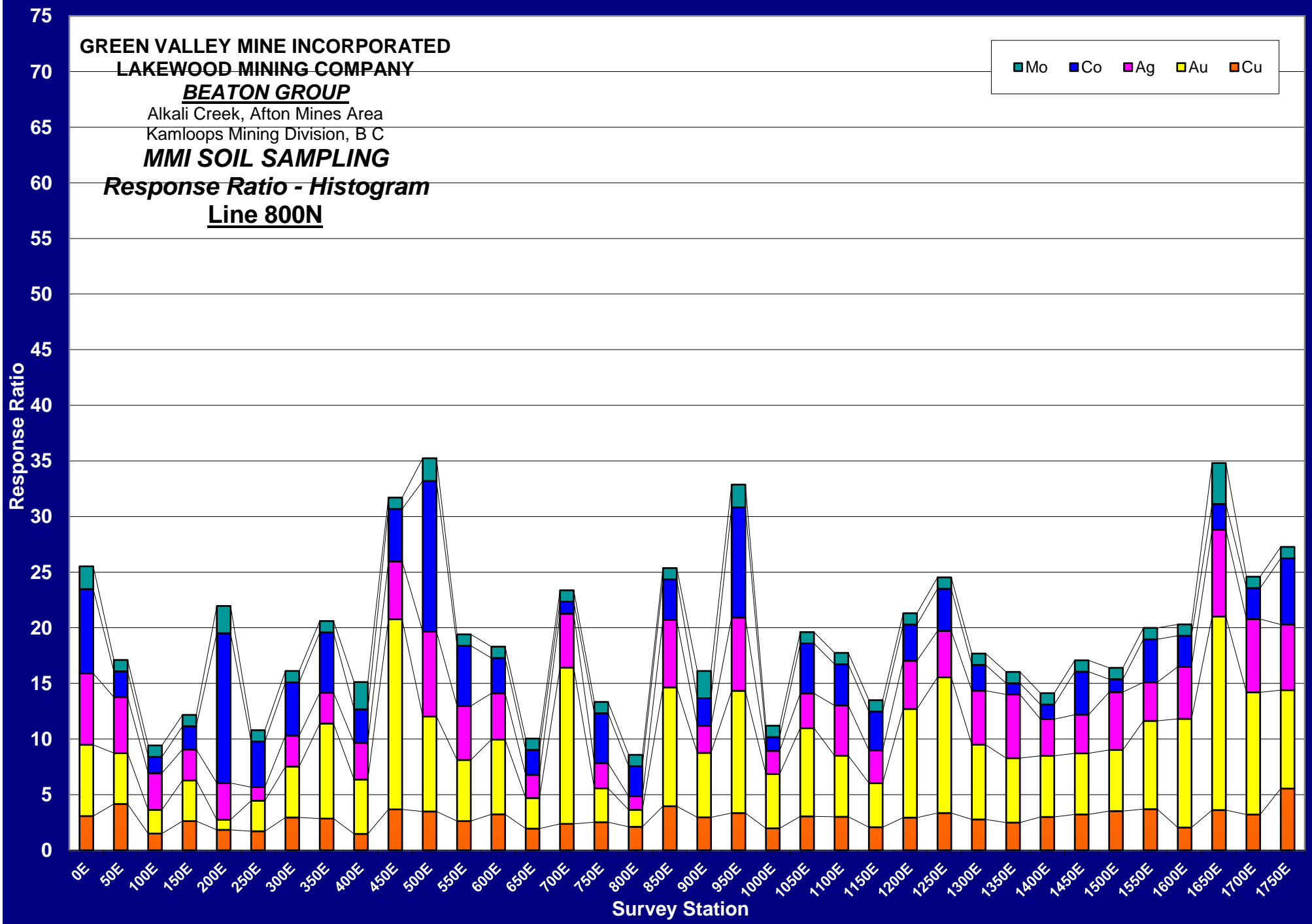
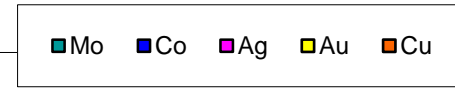
MMI SOIL SAMPLING

Response Ratio - Histogram

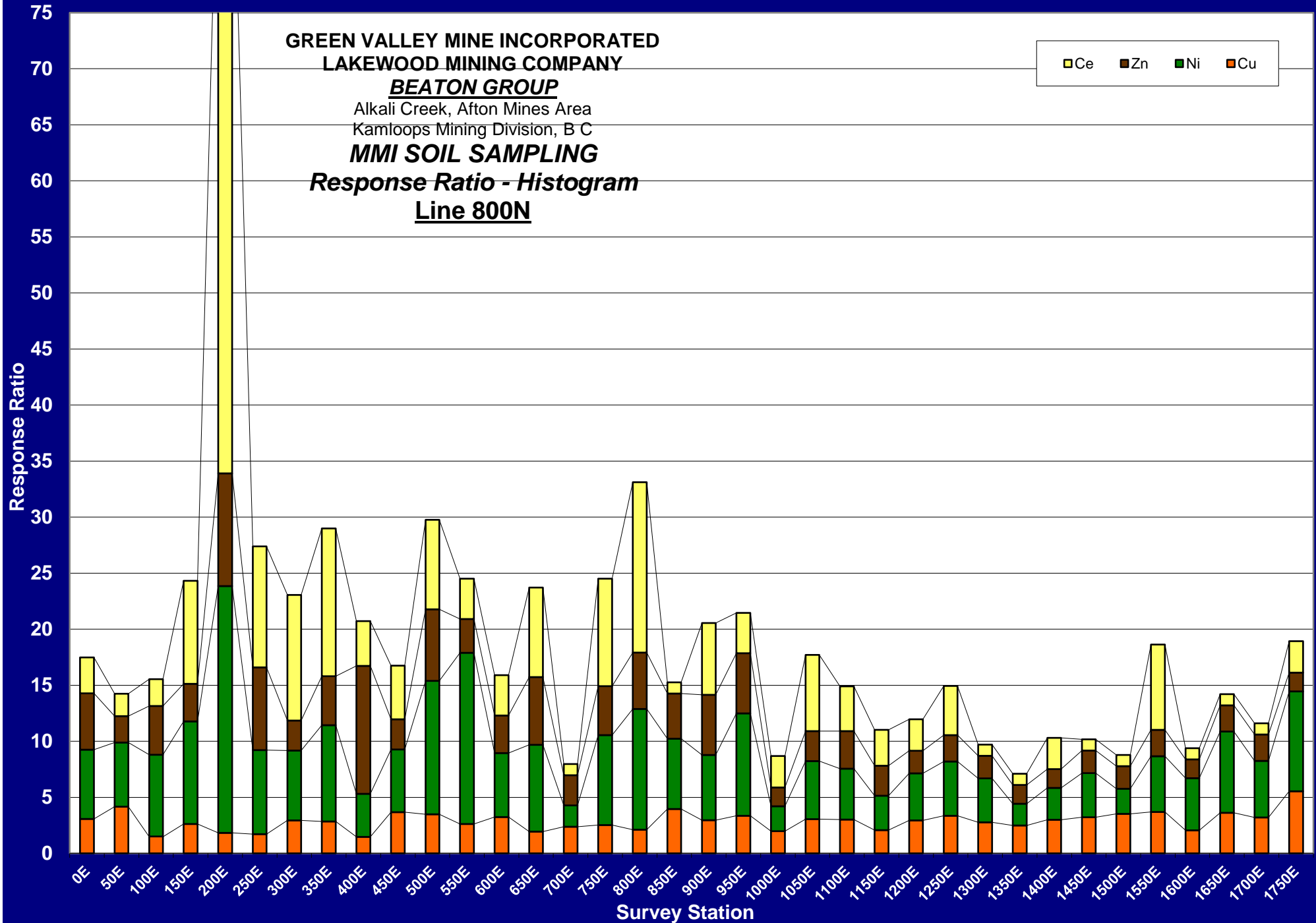
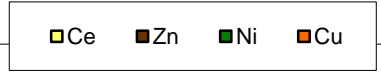
Line 600N



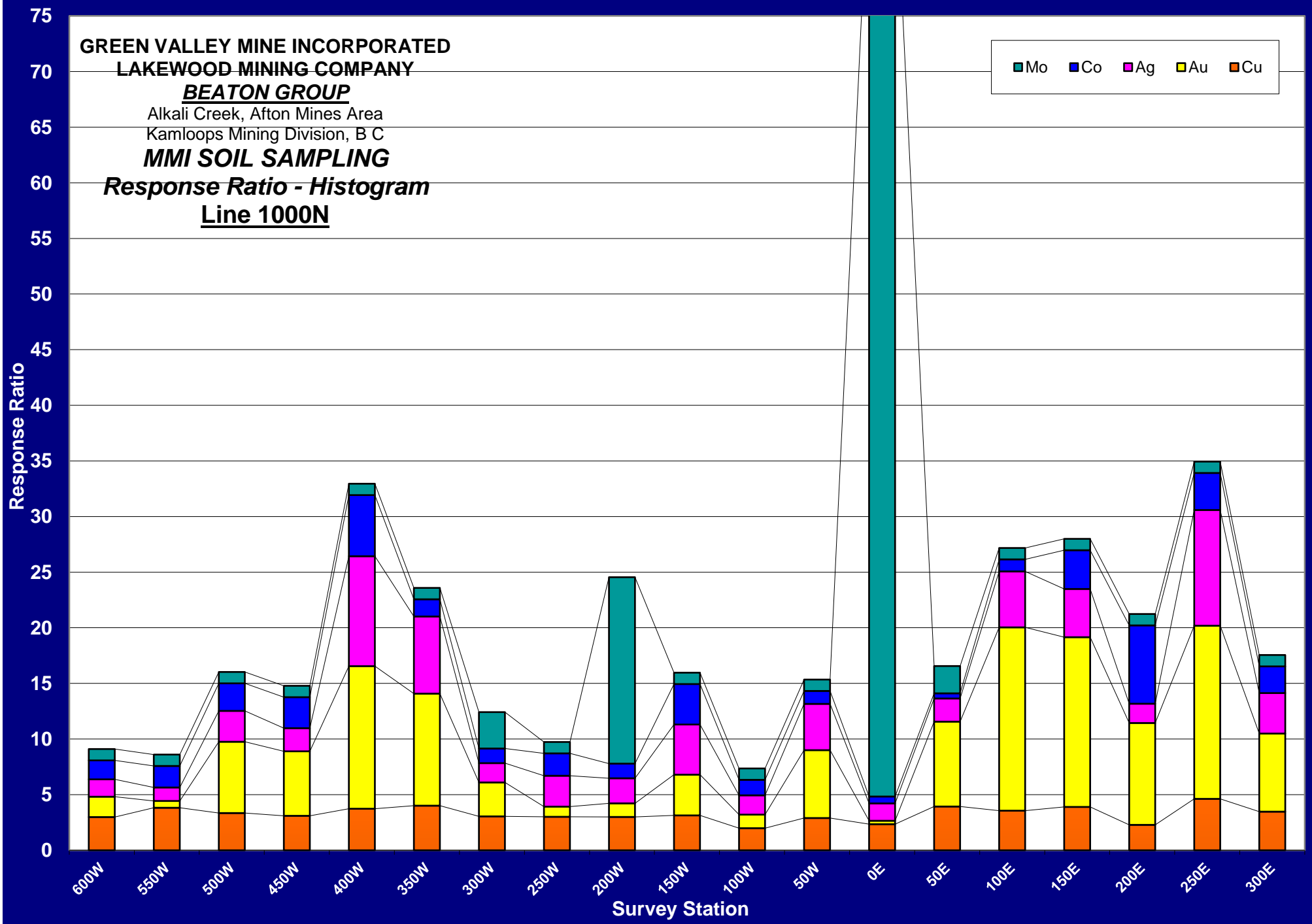
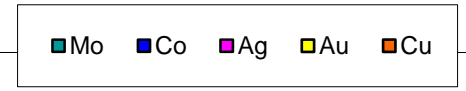
GREEN VALLEY MINE INCORPORATED
LAKWOOD MINING COMPANY
BEATON GROUP
 Alkali Creek, Afton Mines Area
 Kamloops Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 800N



**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
 Line 800N**



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
Line 1000N



**GREEN VALLEY MINE INCORPORATED
LAKEWOOD MINING COMPANY**

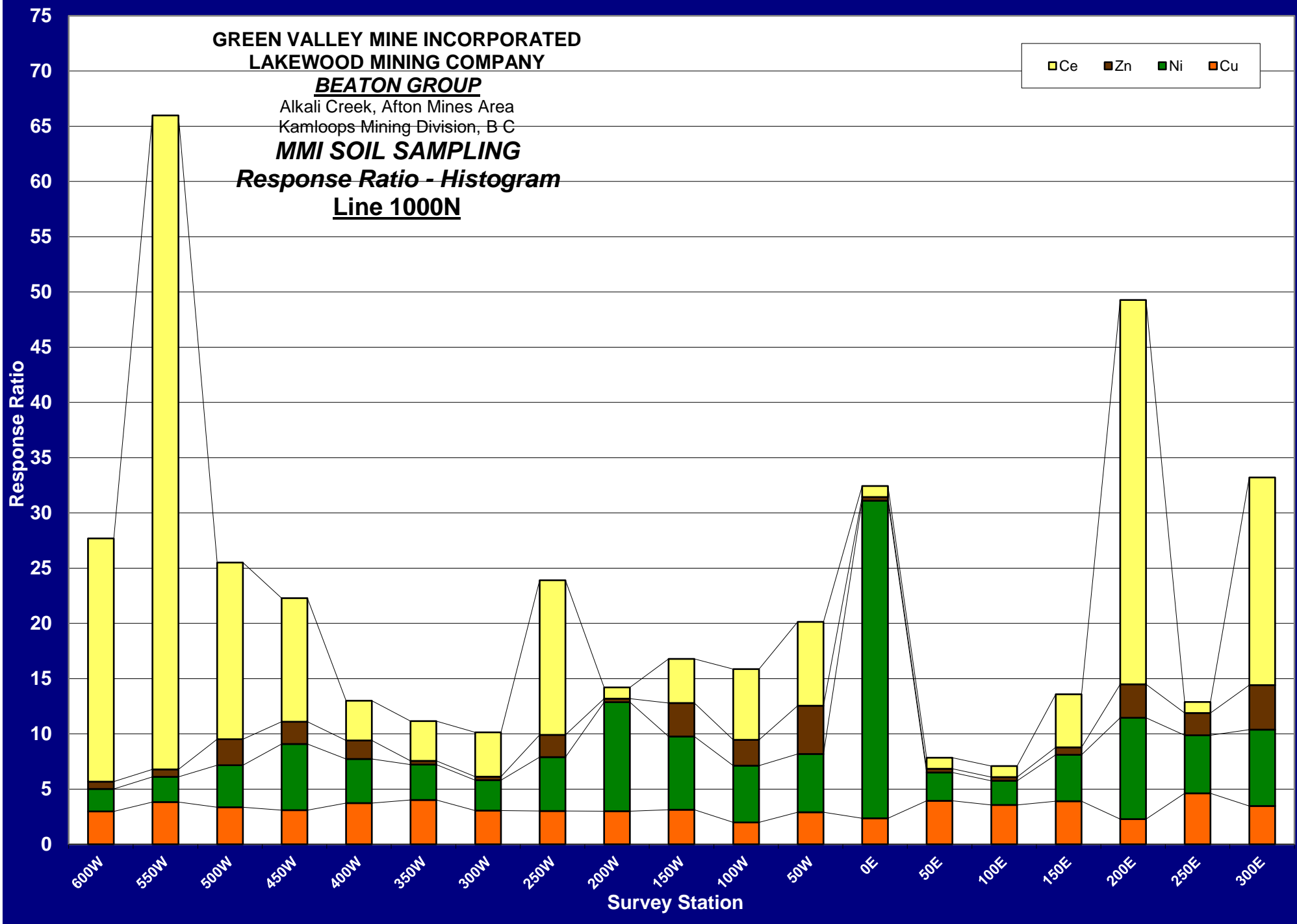
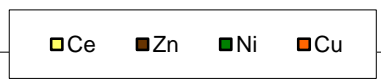
BEATON GROUP

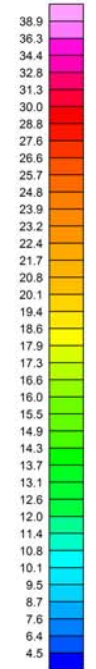
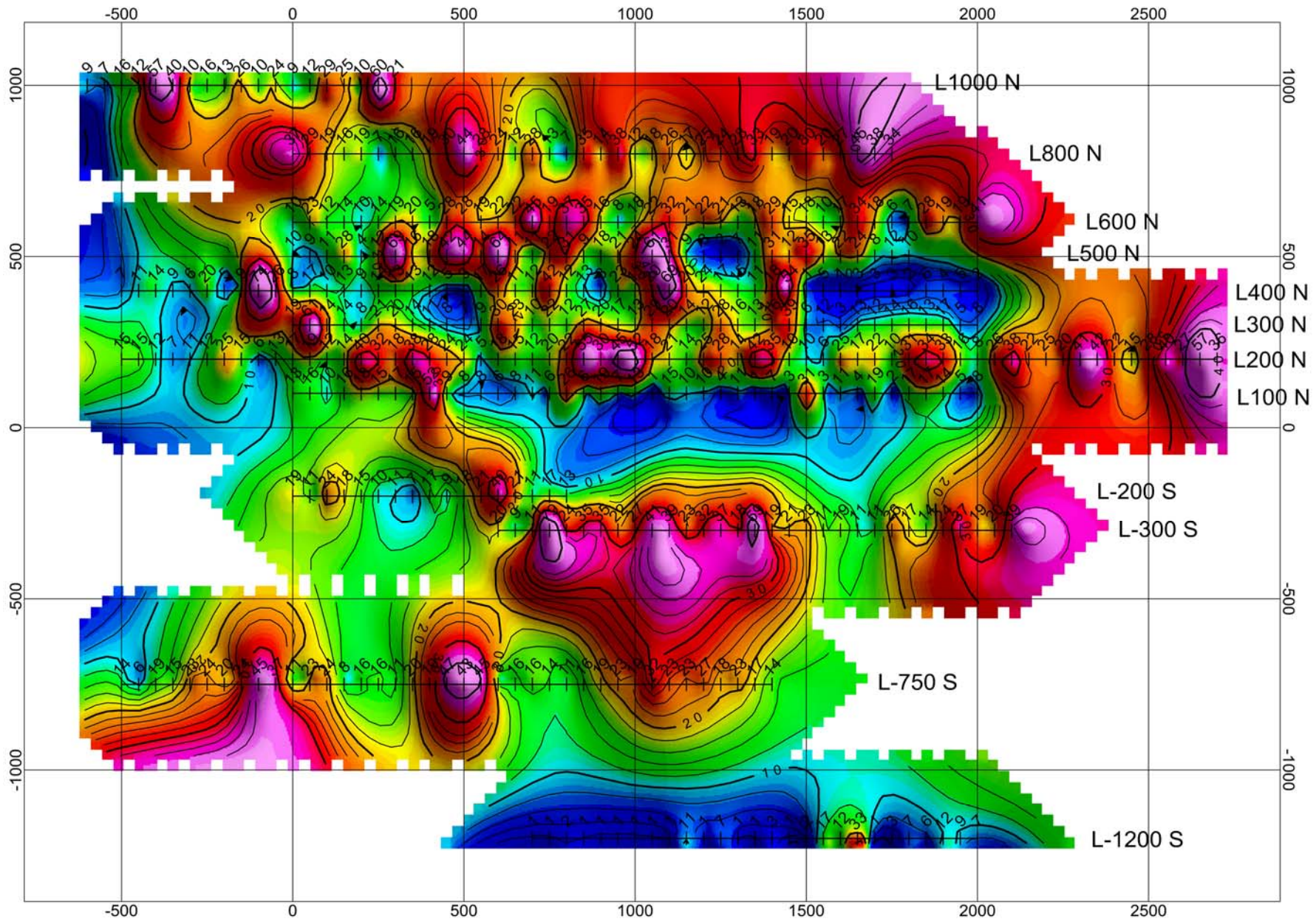
Alkali Creek, Afton Mines Area
Kamloops Mining Division, B.C.

MMI SOIL SAMPLING

Response Ratio - Histogram

Line 1000N

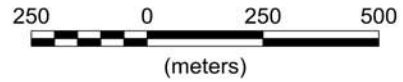


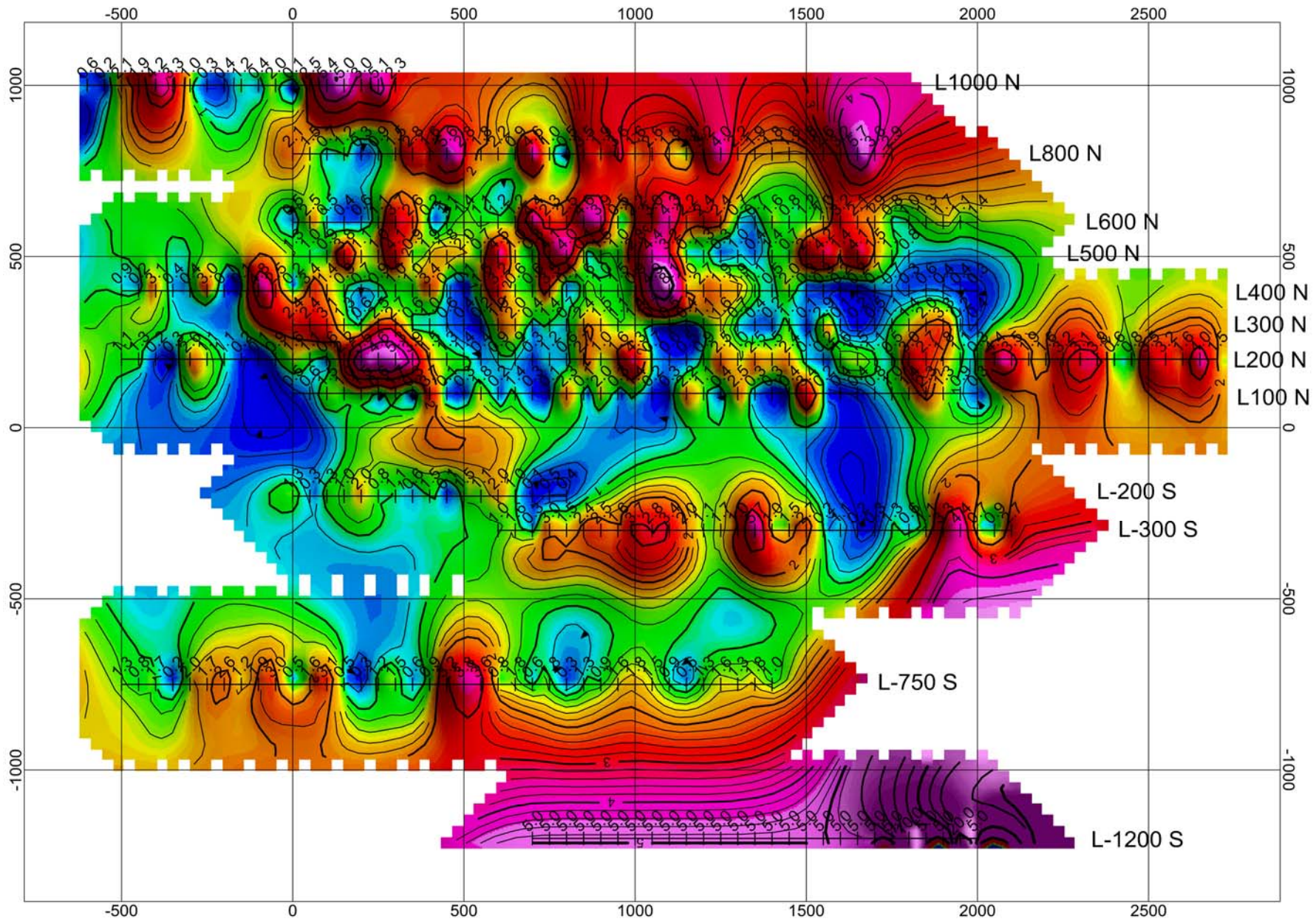


Dates Samples Picked Up:
2005, 2006, 2007

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

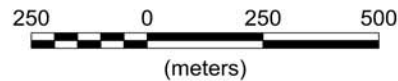




Dates Samples Picked Up:
2005, 2006, 2007

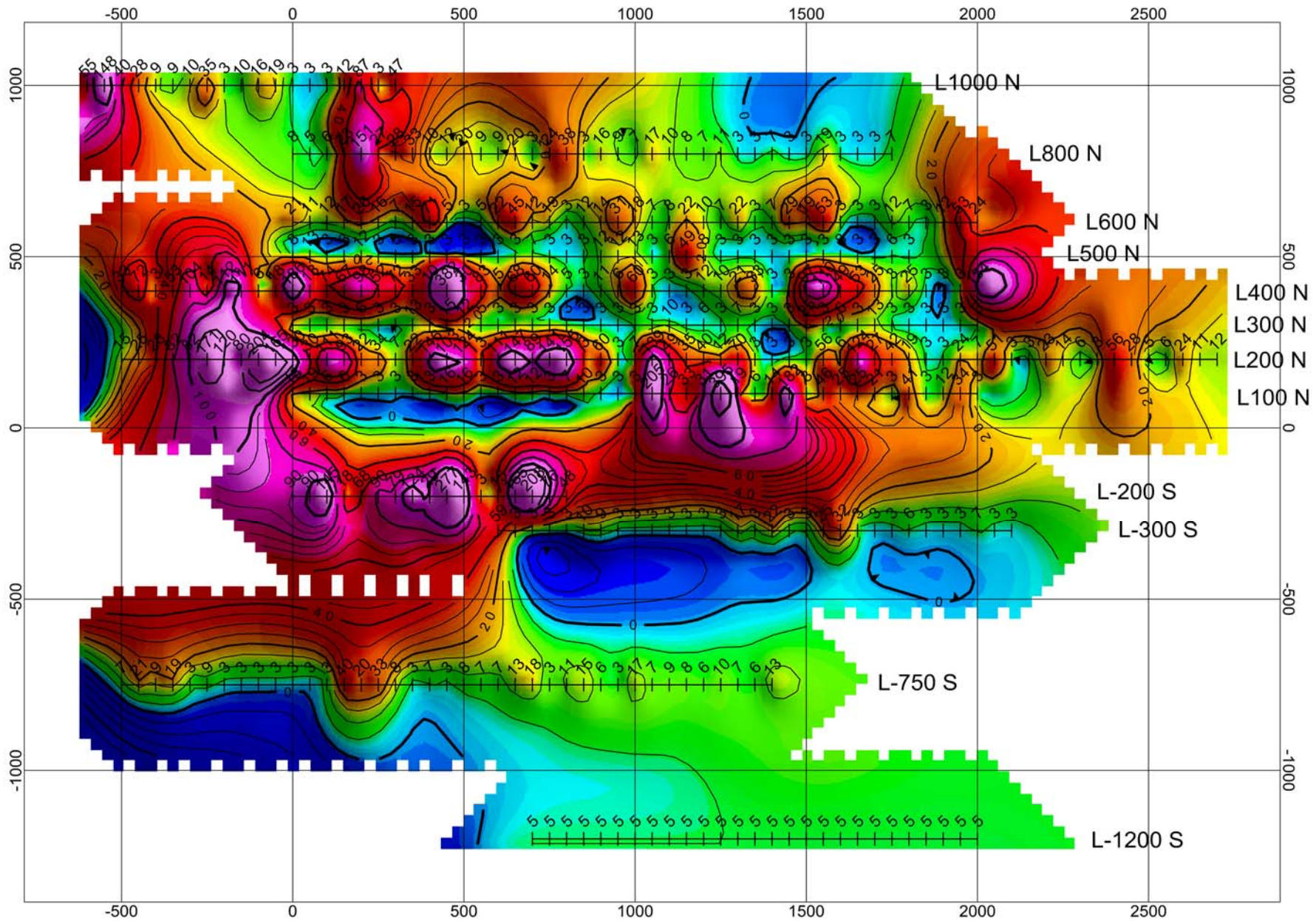
Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)



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Surrey B.C.

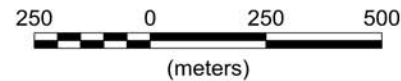
GREEN VALLEY MINE INCORPORATED LAKEWOOD MINING CO LTD				
BEATON CLAIM GROUP				
BEATON CREEK, AFTON MINE AREA, KAMLOOPS MD, BC				
MMI SOIL GEOCHEMISTRY SURVEY CONTOUR PLAN				
GOLD (ppb)				
DRAWN BY: CAM	JOB NO.: 07-17	NTS: 92/10	DATE: May 12	FIG NO.: GC-2



Dates Samples Picked Up:
2005, 2006, 2007

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)



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**GREEN VALLEY MINE INCORPORATED
LAKEWOOD MINING CO LTD**

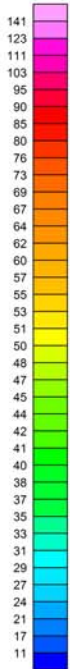
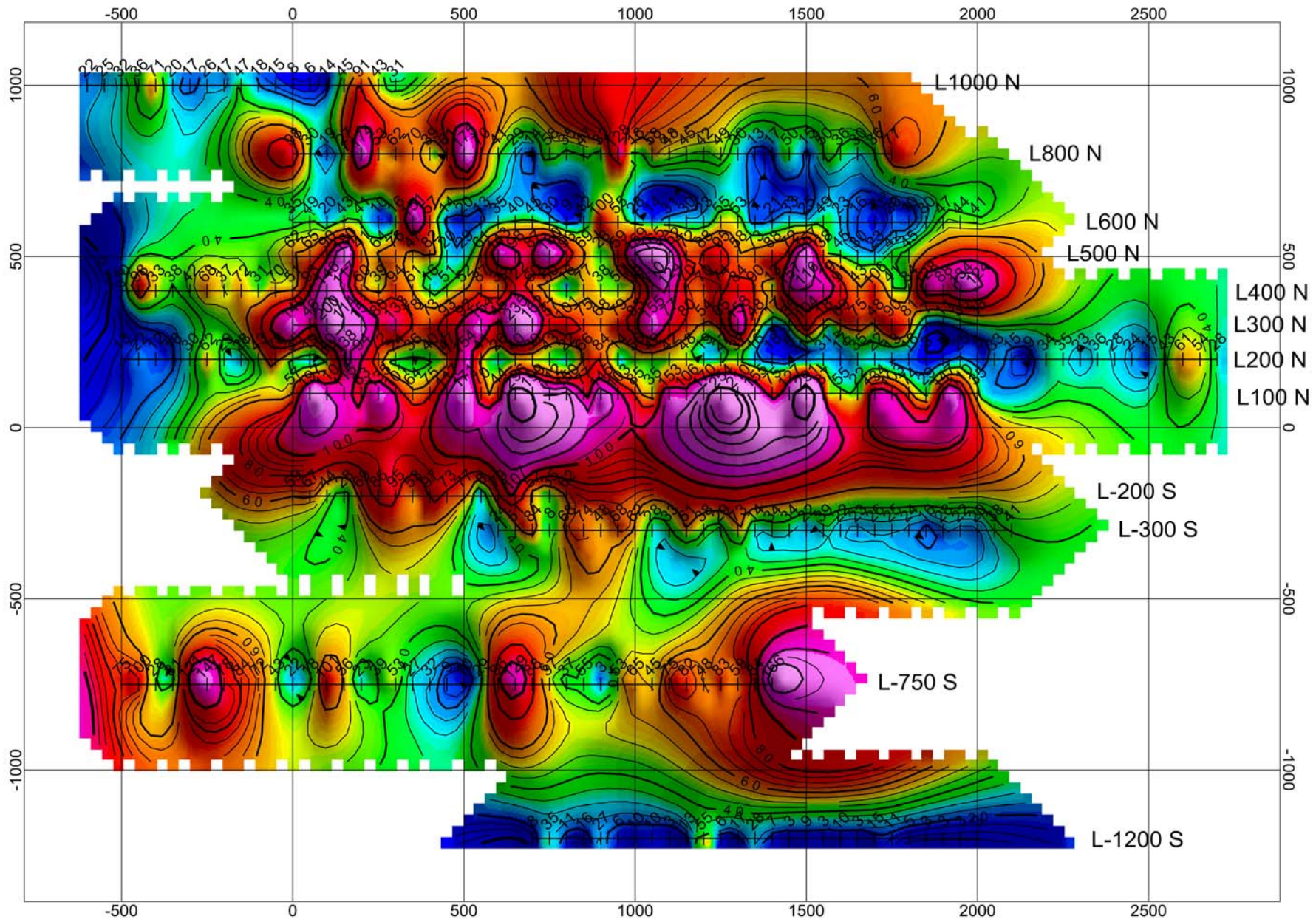
BEATON CLAIM GROUP

BEATON CREEK, AFTON MINE AREA, KAMLOOPS MD, BC

MMI SOIL GEOCHEMISTRY SURVEY
CONTOUR PLAN

CERIUM (ppb)

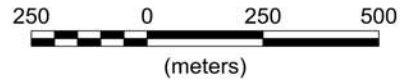
DRAWN BY: CAM	JOB NO.: 07-17	NTS: 92/10	DATE: May 12	FIG NO.: GC-3
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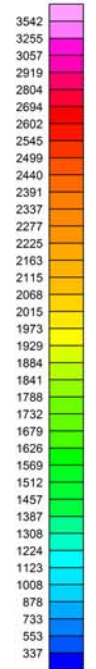
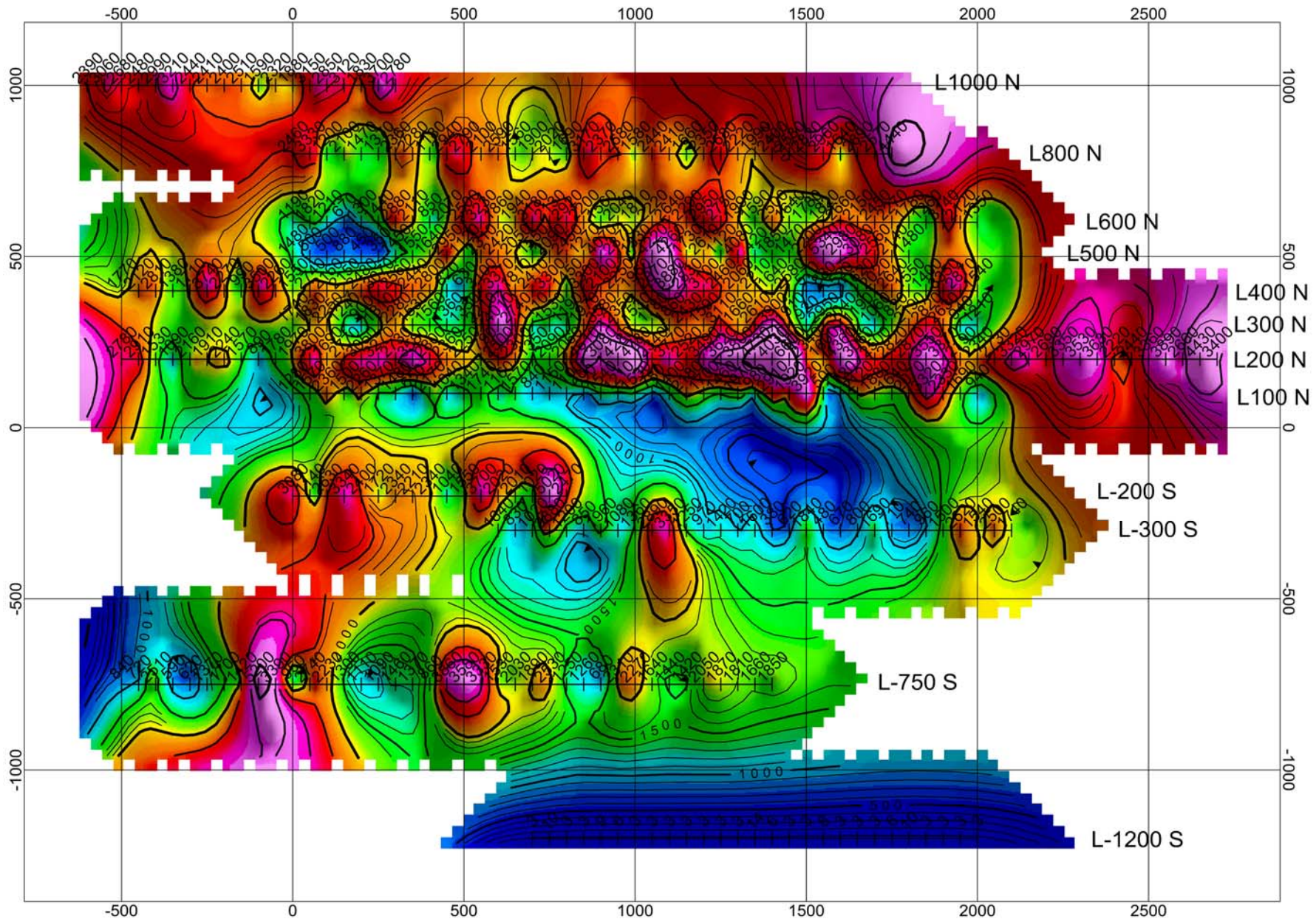
Dates Samples Picked Up:
2005, 2006, 2007

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)



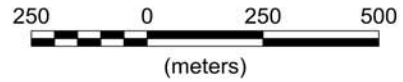
GREEN VALLEY MINE INCORPORATED LAKEWOOD MINING CO LTD				
BEATON CLAIM GROUP				
BEATON CREEK, AFTON MINE AREA, KAMLOOPS MD, BC				
MMI SOIL GEOCHEMISTRY SURVEY CONTOUR PLAN				
COBALT (ppb)				
DRAWN BY: CAM	JOB NO.: 07-17	NTS: 92/10	DATE: May 12	FIG NO.: GC-4

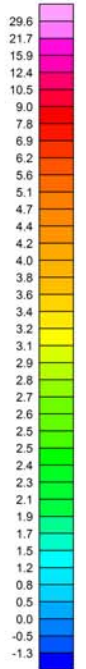
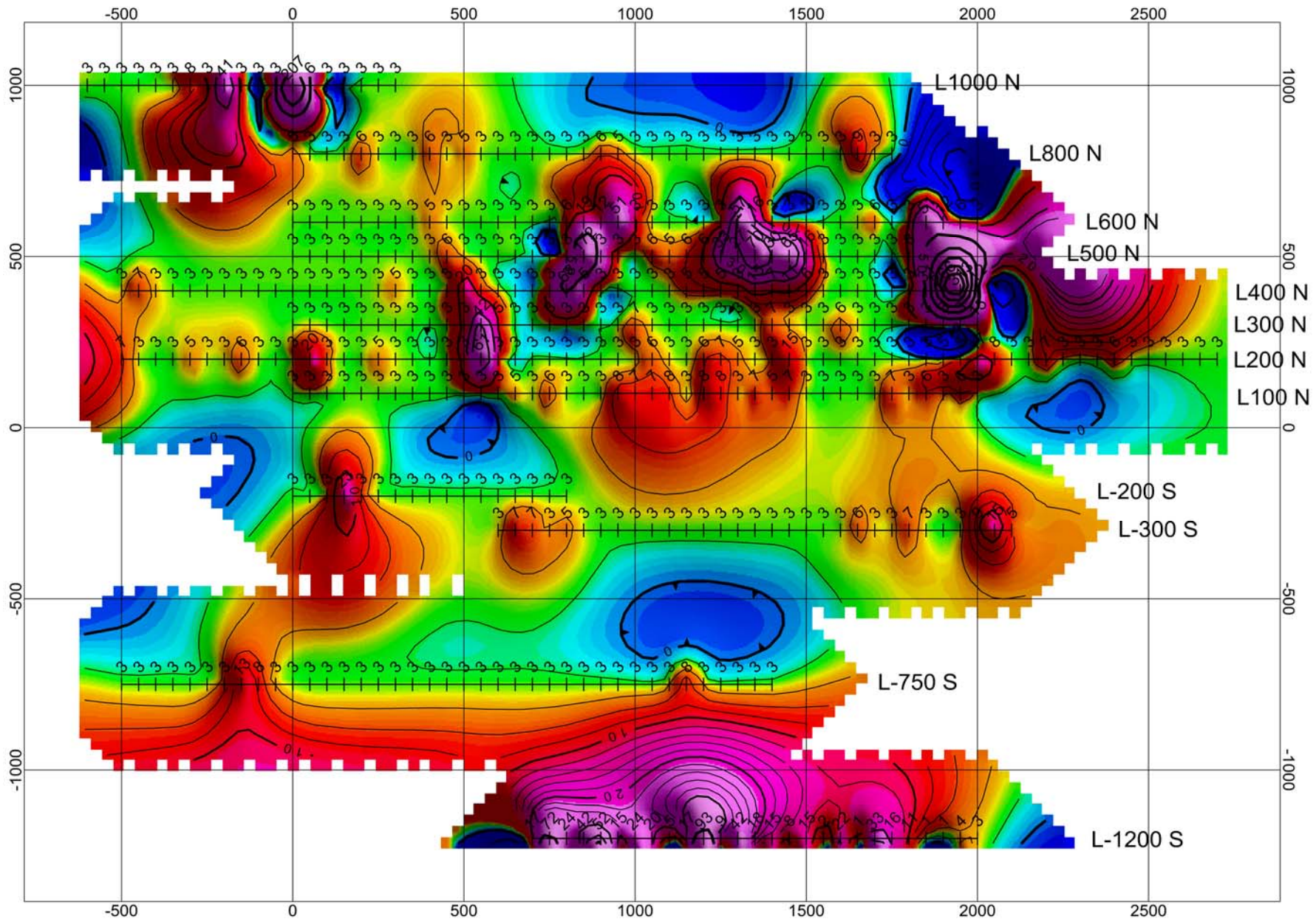


Dates Samples Picked Up:
2005, 2006, 2007

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

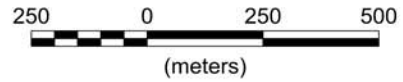


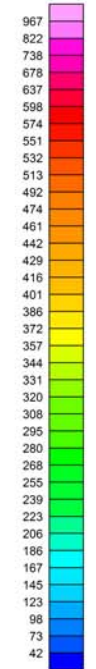
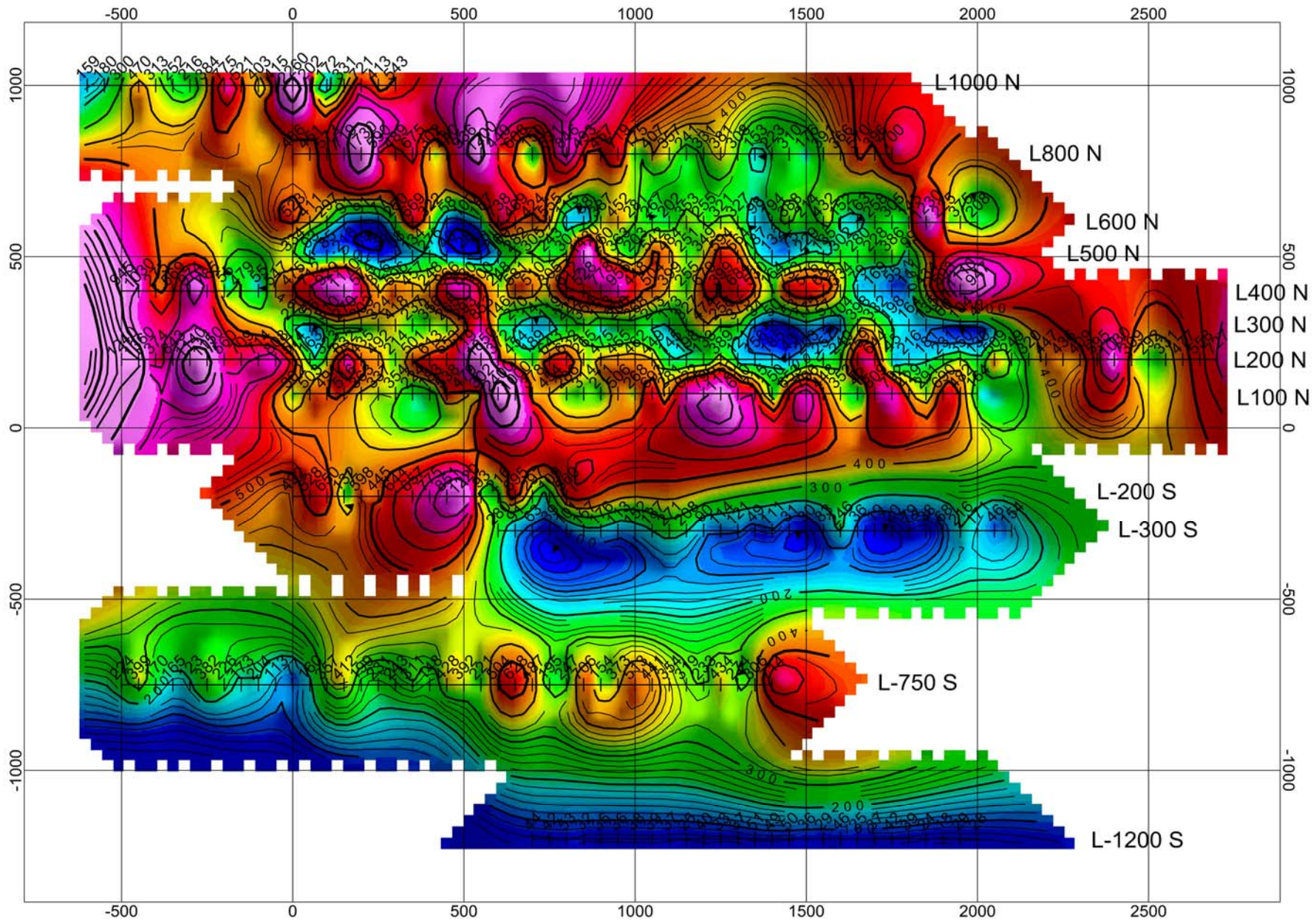


Dates Samples Picked Up:
2005, 2006, 2007

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

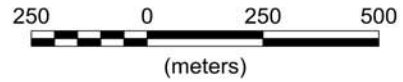


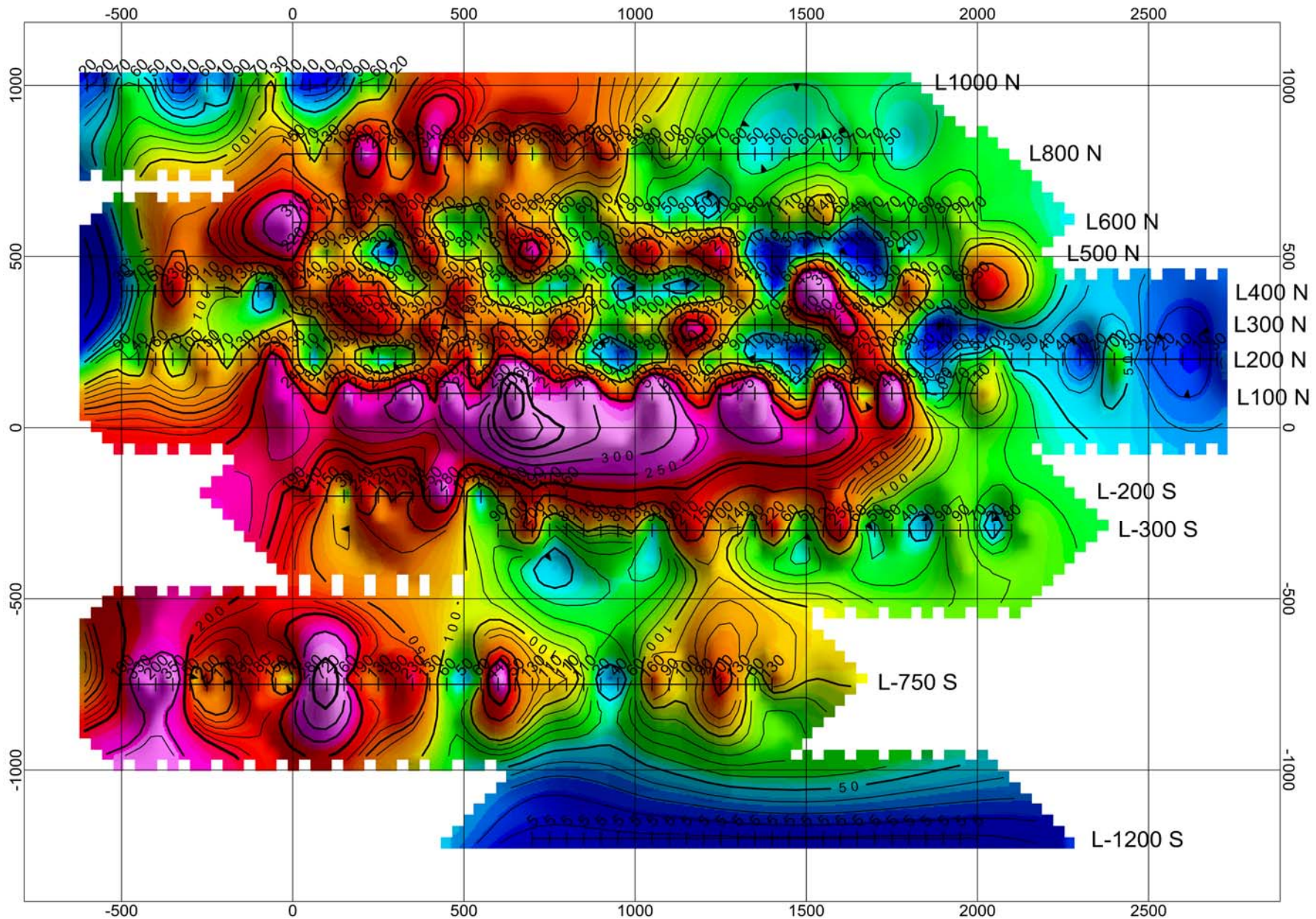


Dates Samples Picked Up:
2005, 2006, 2007

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

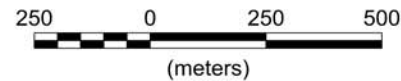




Dates Samples Picked Up:
2005, 2006, 2007

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)



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Surrey B.C.

GREEN VALLEY MINE INCORPORATED LAKEWOOD MINING CO LTD				
BEATON CLAIM GROUP				
BEATON CREEK, AFTON MINE AREA, KAMLOOPS MD, BC				
MMI SOIL GEOCHEMISTRY SURVEY CONTOUR PLAN				
ZINC (ppb)				
DRAWN BY: CAM	JOB NO.: 07-17	NTS: 92/10	DATE: May 12	FIG NO.: GC-8