GEOCHEMICAL REPORT

ON AN

MMI SOIL GEOCHEMISTRY, MAGNETIC,

AND AN INDUCED POLARIZATION SURVEY

WITHIN THE

GOLD CREEK AREA

CARIBOO GOLDFIELDS PROJECT, LIKELY AREA

CARIBOO MINING DIVISION, BRITISH COLUMBIA

LOCATED:	115 km northeast of the city of Williams Lake 52° 62’ North Latitude, and 121° 54’ West Longitude NTS: 93A/12
WRITTEN FOR:	**TIEX INC.** Suite 307, 1500 Hardy Street Kelowna, British Columbia V1Y8H2
WRITTEN BY:	David G. Mark, P.Geo. **GEOTRONICS CONSULTING INC.** 6204 – 125th Street Surrey, British Columbia V3X 2E1
DATED:	May 6th, 2009

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Pb, Zn, Cd, Ce, Ni		
Line 99075 (road line)	?	6
Line 99100E	?	6
Line 99200E	?	6
Line 99300E	?	6
Line 99400E	?	6
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Line 99800E	?	6
Line 10000E	?	6
Grid 2		
Au, Ag, Mo, Cu, Co		
Line 32000N	?	6
Line 32200N	?	6
Line 32400N	?	6
Line 32600N	?	6
Line 32800N	?	6
Line 33000N	?	6
Line 33200N	?	6
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Pb, Zn, Cd, Ce, Ni

Line 32000N	?	6
Line 32200N	?	6
Line 32400N	?	6
Line 32600N	?	6
Line 32800N	?	6
Line 33000N	?	6
Line 33200N	?	6
Line 33400N	?	6
Line 33600N	?	6

Grid 3

Au, Ag, Mo, Cu, Co

Line 32200N	?	6
Line 32400N	?	6
Line 32600N	?	6
Line 32800N	?	6
Line 33000N	?	6
Line 33200N	?	6
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Pb, Zn, Cd, Ce, Ni

Line 32200N	?	6
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Line 32600N	?	6
Line 32800N	?	6
Line 33000N	?	6

Line 33200N	?	6
Line 33400N	?	6
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Grid 1

Arsenic	?	6
Cadmium	?	6
Cerium	?	6
Cobalt	?	6
Copper	?	6
Gold	?	6
Lead	?	6
Molybdenum	?	6
Nickel	?	6
Silver	?	6
Zinc	?	6

Grid 2

Arsenic	?	6
Cadmium	?	6
Cerium	?	6
Cobalt	?	6
Copper	?	6
Gold	?	6
Lead	?	6
Molybdenum	?	6
Nickel	?	6

Silver	?	6
Zinc	?	6
Grid 3		
Arsenic	?	6
Cadmium	?	6
Cerium	?	6
Cobalt	?	6
Copper	?	6
Gold	?	6
Lead	?	6
Molybdenum	?	6
Nickel	?	6
Silver	?	6
Zinc	?	6
Mag		
Grid 1		
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Grid 1		

Line 99100E	?	6
Line 99200E	?	6
Line 99300E	?	6
Line 99400E	?	6
Line 99600E	?	6
Line 99800E	?	6
Line 10000E	?	6
Road Line	?	6
Grid 2		
Line 32000N	?	6
Line 32200N	?	6
Line 32400N	?	6
Line 32600N	?	6
Line 32800N	?	6
Line 33000N	?	6
Line 33200N	?	6
Line 33400N	?	6
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Grid 3		
Line 32200N	?	6
Line 32400N	?	6
Line 32600N	?	6
Line 32800N	?	6
Line 33000N	?	6
Line 33200N	?	6
Line 33400N	?	6
Line 33600N	?	6

Line 33800N	?	6
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Line -500NW	?	6
Line -300NW	?	6
Line -100NW	?	6
Line 100NW	?	6
Line 300NW	?	6
Line 500NW	?	6
Line 700NW	?	6
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Line 99600E	?	6
Line 99800E	?	6
Line 10000E	?	6
Road Line	?	6
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Line 32200N	?	6
Line 32400N	?	6

Line 32600N	?	6
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Line -300NW	?	6
Line -100NW	?	6
Line 100NW	?	6
Line 300NW	?	6
Line 500NW	?	6
Line 700NW	?	6
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SUMMARY

MMI (mobile metal ion) soil sampling, magnetic, induced polarization (IP), resistivity, and self potential (SP) surveys were carried out on the Gold Creek Grid, within the northwest section of the Cariboo Goldfields Project, during the explorations season of 2008. The grid is located approximately 40 km north-northwest of the settlement of Horsefly and approximately 115 km northeast of the town of Williams Lake within the Cariboo Mining Division of B.C.

The general purpose of exploration on this property is to locate sulphide mineralization similar to that of Gibraltar Mine, which occurs within the Granite Mountain pluton, as well as to locate any other possible deposits that may occur on the property. The Gibralter mineralization consists of disseminated copper sulphides as well as other disseminated sulphides such as pyrite and molybdenite.

The MMI survey consisted of 562 samples along 26 lines over 28,100 meters. These were bagged and sent to SGS Laboratories in Toronto, Ontario for analysis where they were tested for 46 elements. The results for twelve of these, namely, silver, arsenic, gold, cadmium, cerium, cobalt, copper, molybdenum, nickel, lead, uranium, and zinc were divided by their respected mean background values to obtain a value called a response ratio. Stacked histograms were then made of the response ratios.

The magnetic survey was carried out with two proton precession magnetometers, with one being a base station, by taking readings every 25 m over twenty-five lines for a total survey length of 26,150 meters. The readings were input into a computer, and profiled above the IP and resistivity pseudosections. They were also plotted onto a base map at a scale of 1:5000, and contoured as well as plotted onto a second base map and profiled.

The IP and resistivity surveys were carried out using a BRGM Elrec-6 multi-channel receiver operating in the time-domain mode. The transmitter used was a BRGM VIP 4000 powered by a 6.5-kilowatt motor generator. The dipole length and reading interval chosen was 25 meters read up to 12 levels and carried out over thirty-four lines for a total survey length of approximately 38,000 meters. The IP and resistivity results were plotted in pseudosection form and contoured and the SP and magnetic results were profiled above the IP and resistivity pseudosections.

CONCLUSIONS and RECOMMENDATIONS

1. The MMI survey revealed a two-value gold anomaly up to 54 times background near the western boundary of the property.

2. Two copper anomalies were revealed within the eastern part of the property. They were two-value highs and three-value highs, respectively.

3. The MMI survey also appeared to map along the reconnaissance line the Endako volcanics for 800 meters, the Endako sediments for 150 to 200 meters, and a basic to ultra-basic rock-type of the Chilcotin Group for 950 to 1100 meters.

4. In order to properly test the property, MMI sampling should be continued in a reconnaissance manner, preferably every 50 meters on lines 200 meters apart. However, if the expense of MMI sampling is of concern at this time, then a reasonable option would be to carry out sampling on 400-meter spaced lines with samples picked up every 50 meters.

5. Induced polarization and resistivity surveying should be carried out across any anomalous responses. Geophysical surveying such as this will help determine depths as well as help define drill targets.

GEOCHEMICAL REPORT

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SURVEY LINE

WITHIN THE

GOLD CREEK GRID

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CARIBOO MINING DIVISION, BRITISH COLUMBIA

INTRODUCTION AND GENERAL REMARKS

This report discusses survey procedure, compilation of data, interpretation methods, and the results of MMI soil sampling, magnetic, induced polarization (IP), resistivity, and self potential (SP) surveys carried out on the Gold Creek Grid within the Cariboo Goldfields Project, which is located to the northeast of Williams Lake, BC, and is owned by Tiex Inc.

The exploration work was carried out by a Geotronics Consulting Inc. crew of eight men, one of whom was the writer, during the period of May 18th to August 6th, 2008. The amount of work carried out was as follows:

The main purpose of the exploration program on this property is to look for gold mineralization.

The purpose of the MMI soil sampling is to look for mineralization directly. 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.

The purpose of the magnetic survey is to map rock types, such as the listwanite, and geological structure.

The general purpose of IP is to respond to sulphide mineralization especially that which occurs as fracture-filling and/or disseminated. The size of the IP anomaly is directly related to the surface area of the sulphides and thus fracture-filling and disseminated sulphides give a much higher anomalous reading than massive sulphides do. It was thus expected that the IP method would give the best results to the known mineralization on this property since it appears that much of the gold mineralization occurs as, or is associated with, disseminated or fracture-filling sulphides.

The purpose of the resistivity surveying was to reflect the mineral zones by responding as lows to any geological structure and/or alteration, or as highs to silicification and/or calcification any of which may be associated with mineralization. For geological mapping, the resistivity method is particularly adept at mapping lithology since all rock types have their own resistivities, i.e., intrusives usually respond as resistivity highs and argillites usually respond as resistivity lows. Also, as indicated above, the resistivity method is particularly proficient at mapping geologic structure.

Self potential, or SP, is essentially a by-product of carrying out IP/resistivity surveying. (It needs to be nulled out in order to measure the IP value.) Therefore it is not a prime exploration tool for this property. However, it is possible that it may respond to the mineralization and therefore prove to be quite useful. SP surveying usually has the best response to more massive sulphide mineralization such as vein-type.

PROPERTY AND OWNERSHIP

The Cariboo Goldfields Project is comprised of 59 mineral claims covering a total area of 139,055.485 hectares described as follows and as shown on fig. 3. The Gold Creek Grid approximately comprises the following 10 claims: 519613, 408756, 408757, 408758, 408759, 537744, 514859, 537740, 544520, 593917.

Tenure Number	Type	Claim Name	Good Until	Area (ha)
408756	Mineral	MAR 1	20100301	25
408757	Mineral	MAR 2	20100301	25
408758	Mineral	MAR 3	20100301	25
408759	Mineral	MAR 4	20100301	25
514859	Mineral	ORO	20091101	392.374
516350	Mineral		20091225	275.171
516369	Mineral		20091225	491.457
519613	Mineral	AFI FR	20091101	19.628
537740	Mineral	AFI 1	20091101	470.869
537744	Mineral	AFI 3	20091101	490.442
544520	Mineral	AFI 2	20091101	529.896

553666	Mineral	SHORTS 6	20091001	456.22
553790	Mineral	PETER 10	20091001	197.945
554959	Mineral	BRIAN	20100801	2488.869
555064	Mineral	LLOYD 1	20100801	3171.197
555067	Mineral	LLOYD 2	20100801	1221.599
555070	Mineral	CROOKED LAKE 1	20100801	3444.072
555073	Mineral	LLOYD 3	20100801	3643.109
555075	Mineral	LLOYD 4	20100801	892.395
555109	Mineral	SHORT FR	20091001	59.456
559680	Mineral	MMM	20100401	59.324
565908	Mineral	BRIAN 2	20100801	4661.471
565909	Mineral	BOND	20091001	5424.891
565911	Mineral	TEAPOT	20100801	2960.064
565993	Mineral	MAX	20091001	2926.178
570791	Mineral	BABO A	20090201	474.719
570793	Mineral	FORKS X	20081201	531.749
571623	Mineral	BABO	20090211	495.33
571735	Mineral	BABO M	20090201	495.583
571736	Mineral	BABO F	20090201	178.495
572217	Mineral	PETER 11	20091001	237.833
573948	Mineral	SPANISH CREEK	20090201	1986.526
573949	Mineral	MICA MT	20090201	4880.522
573951	Mineral	MCKUSKY CREEK	20100801	872.535
573954	Mineral	MOFFAT CREEK	20091001	8049.269
573957	Mineral	SPANISH PIT	20081101	816.304
575522	Mineral	FORK 3	20091001	27246.337
575531	Mineral	BABO 2	20100801	12238.924
575535	Mineral	FORK	20091001	24036.632
575538	Mineral	BABO	20090801	7156.96
575540	Mineral	PETER	20091001	1465.962
575541	Mineral	PETER 1	20091001	991.972
575542	Mineral	PETER 2	20091001	1785.984
575545	Mineral	BRIAN 1	20100801	3683.068
575570	Mineral	BRIAN 11	20100801	551.028
579887	Mineral	LEIA 1	20090330	497.913
579889	Mineral	LEIA 2	20090330	497.928
579890	Mineral	LEIA 3	20090330	497.95
579892	Mineral	LEIA 4	20090330	497.876
579894	Mineral	LEIA 5	20090330	497.719
579897	Mineral	LEIA 6	20090330	497.519
579898	Mineral	LEIA 7	20090330	497.673
579905	Mineral	LEIA 11	20090330	477.819
580546	Mineral	CEDAR1	20100401	491.842
580552	Mineral	CEDAR 2	20100401	491.743
580589	Mineral	CEDAR 3	20100401	649.153

580647	Mineral	JC	20100401	117.858
587244	Mineral	PEGGY 1	20090702	476.056
593917	Mineral	MOOREHEAD 24	20091106	314.077

Total Area: 139055.485 ha

The property is owned by Tiex Inc. of Kelowna, British Columbia.

LOCATION AND ACCESS

Parts of this section are taken from Cardinal's 2008 report.

The northwestern section of the Cariboo Goldfields Project, which makes up the Gold Creek Grid, occurs approximately 40 km north-northwest of the settlement of Horsefly and is located approximately 115 km northeast of the town of Williams Lake.

The geographical coordinates for the center of the grid are 52° 62'55" North Latitude, and 122° 54'36" West Longitude with the approximate UTM coordinates being 598500 m E and 5831500 m N. The NTS index is 93A/12, and the BCGS index is 93A.063.

Gold Creek Grid is readily accessible by paved road from major population centers in the region such as Williams Lake. Easiest access is gained from the Cariboo Highway (Highway 97) starting (turn right) at 150 Mile House, 25 kilometers east of Williams Lake; there a paved all-weather road, the "Gold Rush Trail" joins the main highway from the north. The road is followed for 2 kilometers where it splits into a southern branch that leads to the community of Horsefly, 55 kilometers away, and a northern branch (turn left) that goes to the village of Likely, 80 kilometers away. It is a pleasant 45-60 minute drive from Horsefly to Likely. The main target area on the grid, the Gold Creek zone, is only 2.5 kilometers north of Likely, easily accessible by the all-weather Keithley Creek gravel road.

PHYSIOGRAPHY

The grid and regional area occupy part of the Quesnel Highland, a physiographic transition zone of hills, valleys (e.g. Poquette Lake and Beaver Creek valleys) and low mountains (e.g. Spanish Mountain and Mount Polly). The highland lies between the gently undulating Cariboo Plateau in the west and the higher and rugged sub-alpine to alpine terrain of the Cariboo Mountains, part to the Columbia Mountain ranges, in the east.

The Gold Rush Trail from 150 Mile House to Likely intersects topographic and physiographic features that are expressions of the predominate underlying bedrock units. The western portion of the road is underlain by flat-lying Tertiary plateau basalts which form distinctive rolling grasslands and local stands of trembling aspen, a topography of northwesterly trending undulations 10 to 25 kilometers across. Beaver Creek valley represents the eastern margin of the Cariboo Plateau basalts marked by a prominent basalt rimrock scarp along the western side of the valley. From here the road enters into the

transition zone of the Quesnel Highland with increase in mixed stands of evergreens and deciduous vegetation. The valley also marks the southwestern boundary of the Quesnel Trough comprised of a thick assemblage of Mesozoic volcanic and sedimentary rocks and some plutons. The higher hills around and east of Likely and the larger and deeper bodies of water, Quesnel and Horsefly lakes, are underlain mainly by sedimentary rocks of Mesozoic basal clastic assemblage and overlie higher grade basement metamorphic rocks. The village of Likely sits along the northeastern margin of the volcanic assemblage and along back arc-continental margin, volcanic-sedimentary facies change.

Typical elevations in the Quesnel Highland and Property area locally range from about a low of 640 meters at the confluence of Quesnel and Cariboo Rivers (Quesnel Forks), the undulating plateau to west varies from 900-1100 meters, to the east where Cariboo Mountains raise to about 2000 meters.

The nearest major city centers are Quesnel and Williams Lake both are resource (mining, logging, and ranching) based communities with an experienced labour force. The communities are supply and service points for fuel, groceries, accommodation and heavy construction equipment. Both also have regular scheduled air and train service. The village of Likely with 350-400 residents, is serviced with power and offers accommodations, small grocery store and local small equipment contractors are available for mineral exploration purposes. A major electrical transmission line serves the Mount Polley copper-gold mining operations located some 8 kilometers due south-southwest of Likely.

The climate of the Likely-Horsefly area is modified continental, with cold, snowy winters and long warm summers. Being located just east of the Interior dry belt, the area receives about 40 centimeters of precipitation, with most of it falling in the winter as snow. Snow depths in the Quesnel Highlands is typically 1 to 2 meters.

PREVIOUS WORK

Records of gold mining in the Quesnel River area date back to the earliest history of placer mining in British Columbia. There is mention as early as 1852 of natives trading gold nuggets from unknown sources at the Hudson's Bay Company trading post at Kamloops.

In 1859, rich river-bar placer gold was first found in the Quesnel River in an area what was to become the settlement of Quesnel Forks. Shortly after, placer gold was found at the confluence of Horsefly and Little Horsefly rivers, prospectors reportedly took out 101 ounces in one week. The news of rich placers in the Cariboo travelled quickly and the great Cariboo gold rush began. In 1860, prospectors from Quesnel Forks worked up the Cariboo River to Cariboo Lake where rich placer was found on Keithley and Antler creeks. The following season saw further prospecting up the creeks and over the divide into Williams Creek. The phenomenal richness of the gravels in this creek surpassed all the previous

diggings to date. Nearly a thousand miners descended the area and for four years the surface gravels produced unheard of amounts of gold, approximately $2,000,000 worth (117,647 ounces at $17.00 per ounce). Between 1874 to 1945, a recorded 827,741 ounces of gold, valued at $14,898,601, was recovered from the Cariboo goldfields (Holland, 1950).

The Bullion pit located on the south side of the Quesnel River, about 8 kilometres downstream from Likely, was the largest hydraulic mine in the Cariboo region and one of the largest in the world. Work began in the early 1870s, continued through to the 1940s. The greatest amount of production was through the periods 1894 to 1905 and 1934 to 1941. Approximately 171,000 ounces (5320 kg) was recovered up to 1942 (Panteleyev, et al, 1997).

The main activity took place in the Wells-Barkerville, Lighting Creek, Keithley Creek, Quesnel Forks-Likely and Horsefly River regions. These areas are still being worked for placer gold, though at a much reduced scale.

In more recent times the principal exploration and economic development targets in the central Quesnel belt-Cariboo Goldfields region have been for lode gold-copper type deposits. This includes: alkalic intrusion-related porphyry copper-gold deposits; gold-bearing propylitic alteration zones formed in volcanic rocks peripheral to some of the intrusions; auriferous quartz veins in the black phyllite metasedimentary succession.

Mount Polley copper-gold porphyry (i) deposit (formerly Cariboo-Bell) is located 56 kilometres northeast of Williams Lake and 8 kilometres southwest of Likely. The deposit was discovered in 1964. The initial pit reserves are stated to be 48.8 million tonnes of material with an average grade of 0.38% copper and 0.56 gram per tonne gold (Nikic et al., 1995). The geological resource is estimated at 230 million tones with an average grade of 0.25% copper and 0.34 gram per tonne gold (MINFILE). Total proven and probable reserves as of January 1, 2007 are 59.9 million tonnes of 0.36% copper, 0.27 gram per tonne gold and 0.73 gram per tonne silver (www.imperialmetals.com) The QR is a 'porphyry-related propylite (ii) skarn gold deposit' (Panteleyev et al., 1997). It represents a new type of bulk-mineable gold occurrence in the Canadian Cordillera.

The QR is 58 kilometres southeast of Quesnel and 10 kilometres west of Quesnel Forks. It was discovered in 1975 by multi-element geochemical soil surveys. In 1986, mineable reserves in three zones were 1.3 million tonnes with 4.7 gram per tonne gold (Fox and Cameron, 1995). As of 1998, 1.06 million tonnes of ore grading 4.1 gram per tonne gold had been processed. Mine operations were subsequently suspended due to low gold prices. Cross Lake Minerals Ltd. recently obtained the mine and conducted and an aggressive exploration program. As of

March 2006, the mineable reserves are 566,300 tonnes averaging 6 grams per tonne gold. In September 2007, the company resumed mining operations

Auriferous-bearing quartz veins (iii) hosted in metasediments (e.g. phyllite/black shale units) have been found on Spanish Mountain 7 kilometres southeast of Likely and Eureka (Frasergold) 57 kilometres east of the community of Horsefly. In 1933, gold-quartz veins were first discovered on Spanish Mountain. During the 1980s a series of exploration programs was conducted in this area by a number of various mining companys. Presently, Skygold Ventures Ltd. is undertaking an aggressive drilling program and has outlined a gold mineralized system measuring 1200 metres by 500 metres (Main Zone) with thickness between 10 to 135 metres and grades averaging around 1.0 gm/mt gold (March 27,2008, www.skygold.ca). In the 1980s gold veins were discovered on Frasergold property. Between 1980-1994, exploratory drilling delineated an auriferous-bearing horizon traceable for 10 kilometres along strike. Within this horizon, a zone 800 metres to a depth of 100 metres was defined containing a resource of 3.2 million tonnes grading 1.71 grams per tonne gold (Panteleyev et al, 1997).

Some of the earliest (circa 1920s and earlier) reported gold placer workings on the Property were on Lawless Creek and Rose Gulch near Quesnel Forks and on Poquette Creek two kilometres east of Likely. These workings were small intermittent operations and no records exist for the amount of gold recovered. Gold Creek* a small stream (usually dry or to a small trickle in summer months) which empties into Poquette Creek about 2.5 kilometres north of Likely, is reported (Beaton, ARIS 07635A, 1978) to have been worked some time during the early part of the 1900s. At the point where the creek emerges from a gully to merge with Poquette valley, early prospectors noted a system of quartz stringers occurred in bedrock at, and just above the creek level. Subsequently these stringers were investigated by an adit (and winze?) now concealed under talus; and later by blasting and cat trenching to open the showings. Unfortunately results of this early work are not known to the author and no records appear to be in existence.

In 1977, prospector R. Mickle staked ground including the Gold Creek old workings and the quartz showings noted above. These showings are also referred to as the 'Moose' showings (Owsiacki, 2007). In 2006, Mickle sold the claims to Bullion Gold Corp. covering the Gold Creek area.

From 1978 through to the late 1980s the ground now covered by the Property experienced various stages of exploration surveys by several different exploration and mining companies.

In 1978, Silver Standard Mines Ltd. initially optioned the claims from Mickle and conducted limited geochemical soil surveys followed by four diamond drill holes

in the Gold Creek-Poquette valley area. On the east slope of Poquette valley parallel to Gold Creek, geochemical results were as high as 620 ppb and 900 ppb Au. Directly across the valley on the west slope, some of the more anomalous geochemical values ranged between 120 ppb to 1800 ppb Au. Four widely spaced drill holes were positioned to test the geochemical anomalies on either side of the valley and also to test the gold-bearing quartz veins near the old workings. The drill results returned low gold values this is probably due to the poor core recovery and badly broken rock, one hole was abandoned and the other three did not reach their planned targets. No further drilling was carried out.

In October 1979, the author along with Dr. John Godfrey of the University of Alberta examined the Gold Creek showing as well as number of other gold anomalous areas Mickle had uncovered including workings on Spanish Mountain. Continous chip sampling was carried out along an exposed rock face adjacent to Gold Creek in the area of the former old workings. Samples were collected from both of the mineralized quartz veins and host rock. Results from this sampling included 1.7 gm/mt gold and 8.7 gm/mt silver across 20.7 metres. Within this interval was 2.3 gm/mt gold across 12.48 metres. The altered host rock was also found to carry gold and silver averaging between 0.815 gm/mt and 8.7 gm/mt respectively. Between 1980 through to 1993 various mining and exploration companies examined ground primarily concentrating in a 75 square kilometre (approximately 15 km by 5 km) area, from Quesnel Forks and to Spanish Mountain including the Property now owned by Bullion Gold Corp.

In 1980, Aquarius Resources Ltd acquired most of the claims in the Likely area from Mickle and partnered with Carolin Mines Ltd.

Between 1980-83 reconnaissance geochemical soil surveys and airborne EM and magnetometer surveys were completed. Between the Forks and Poquette valley several isolated gold geochemical highs were outlined with a magnetic anomaly trending northwesterly between the Forks and Spanish Mountain. Some limited trenching was conducted but with marginal success due to the thickness of overburden. Majority of the gold highs are believed to be glacial or placer related with basaltic rocks encountered in the shallower trenches producing the magnetic signature.

In 1984-1986, Mt. Calvery Resources Ltd. in joint venture with Carolin conducted a comprehensive geochemical exploration program which included backhoe trenching of gold anomalous areas. Eleven backhoe trenches were dug to test some of the better gold soil anomalies located between Rossette Lake (east of the Forks) north to the Cariboo River, now part of the Property, but only 4 reached bedrock. The old 'LK' prospect located by Mickle was trenched and chip samples collected from altered (epidote, carbonate, silica) basalt, some of the better values included one 4

metre chip assaying 535 ppb and a grab sample returned 3100 ppb (3.1 gm/mt Au). Mickle reported initially obtaining a grab sample from this prospect with gold values of 7100 ppb. Gold Creek was also soil sampled with gold values peaking to 89,000 ppb. Mt. Calvery describes the Gold Creek mineralization as contained within a prophylitic alteration haloe surrounding a poorly exposed diorite stock located just west of Poquette Creek.

Eighteen additional test pits were completed in the Murderer Creek area north of the Cariboo River and west of Poquette Creek and Potter's Mill. Ten reached bedrock encountering basalt or andesitic rocks. Majority of the isolated gold soil highs are believed to be glacial or placer related. Mt. Calvery concluded due to the thick mantle of glacial till it severely restricted the effectiveness of the geochemical survey. One of the test pits encountered elevated values in gold (245 ppb), silver (1.5 ppm), copper (310 ppm) and arsenic (1942 ppm) near bedrock located about 300 metres northwest of Potters Mill.

A total of 45 test pits were completed to test both geochemical and I.P. anomalies. Majority of the pits encountered weakly (silicified) altered basaltic rocks. Some of the basalt is weakly (1-3%) pryitized which may be sufficient to explain some of the I.P. anomalies.

In 1987, Dome Exploration (Canada) Ltd. conducted a 28 percussion drill hole program on four of the soil anomalies outlined from Mt. Calvery surveys. Five foot (1.5 m) continuous chip sample intervals were collected from surface to bottom of each hole. Most of the holes were positioned east of Poquette Lake along the south side of the Cariboo River and east of Murderer Creek. In addition, a 15 metre trench was dug and sampled over an area where visible gold was found in float sample. Majority of the holes encountered 20 feet (6.1 m) of overburden or greater before hitting bedrock with one hole going 150 feet in overburden. Some of the holes were abandoned in overburden most encountered dark green augite porphyry basalt with negligible gold values. The best results came from hole 329-P25. It is described as encountering 20 feet of overburden with bedrock as light grey-green, fine grained andesite tuff and trace amounts of pyrite, epidote and mariposite drilled to a depth of 200 feet (61 m). Local zones of quartz and calcite to 10% noted throughout. A section from top of bedrock to a depth of 135 feet (41 m) returned elevated gold, copper and arsenic values, which included a 7.6 metre section (25'-50') ranging 91-1115 ppb gold. This hole is located near the south end of Poquette Lake and some 150 metres west of Porter's Mill. The geological description of the

hole resembles that of the auriferous-bearing host rock found on Gold Creek.

In 1989, Corona Corporation optioned the ground from Carolin Mines Ltd. Corona also concentrated its exploration efforts on ground Mt. Calvery and Dome had previously sampled, ground now covered by the Property. Corona sample the Gold Creek exposed section across 6.2 metres averaging 3.43 gm/mt gold. Additional rock sampling and limited geological mapping was also conducted on the west side of Poquette Creek south of the road to Potter's Mill. Two samples were collected from altered, hematite stained diorite which returned low gold values but high silver values of 71.8 and 27.7 ppm. This is also in the approximate area where Silver Standard Mines Ltd. (1978) obtained several elevated gold values in soil including one soil sample containing 1.8 gm/mt gold. Corona also sampled the LK trench. Anomalous gold values (320 ppb to 2150 ppb) were returned for all but three of the rocks assayed. Silicified vesicular basalts with chalcopyrite, disseminated pyrite, 2mm quartz veinlets and carbonate clots assayed 2.15 and 1.72 gm/mt gold. Much of the work conducted by Corona was of reconnaissance in nature and to investigate and verify previous gold anomalous areas the above noted companies had already tested and defined. Corona subsequently dropped their option.

Other than a small block of claims covering Gold Creek held by Mickle, the surrounding ground eventually came open and lay dormant for several years. In 2006, with the introduction by BC Ministry of Ennergy, Mines and Petroleum Resources of Mineral Titles Online (MTO), companies including Bullion Gold Corp. began acquiring ground in the Likely area. In 2006-07, Skygold Ventures Ltd announced a series of positive gold results from its drilling program on Spanish Mountain this, along with a dramatic increase in the price of gold, spurred a lot of interest along the Quesnel Belt.In the summer of 2006, Bullion Gold Corp. purchased the Gold Creek claims from Mickle now part of the Property.

During the summer of 2007, the author conducted detail mapping and sampling surveys of the Gold Creek section as well as research and compilation of previous work and preliminary field investigation on parts of the property. Continuous chip samples taken from the Gold Creek section across 20.5 metres returned a weighted average assay of 4.34 gm/mt gold included in this section is 9.55 gm/mt gold across 8.5 metres. In 2008, Bullion plans to aggressively drill the Gold Creek section and test both the east and west sides of Poquette Creek valley.

GEOLOGY

This entire section is taken from Cardinal's 2008 report..

a) Regional

The Cariboo gold property covers part of the historical Cariboo goldfields region, it lies within the central portion of the Quesnel Belt also know as the Quesnel Trough. The belt is highly endowed with various metallic deposits and mineral prospects including the company's promising Gold Creek prospect just north of Likely.

The Quesnel belt of southwestern British Columbia represents part of a much larger tectno-lithological assemblage referred to as the Quesnel Terrane (Quesnellia). Quesnellia is one of several accreted terranes that make up the Intermontane morphological belt. Quesnellia extends along the eastern boundary of the Intermontane belt traceable from the B.C-Washington border and trends northwesterly into northern BC for a distance of some 1,500 kilometres.

The Intermontane collage is made of fragments of Paleozoic-Mesozoic sedimentary basins, island arcs, accretionary wedges and tectonically bounded terranes (e.g. Quesnel belt), and are the product of complex sequence of process resulting from subduction, obduction, collision, transcurrent movement and continuing tectonism.

The regional geologic setting briefly discussed in this report encompasses that part of the Quesnel belt that lies between Latitudes 52° 00' N - 52 45' N and Longitudes 120° 30' W - 122 00' W on NTS mapsheet 093A/12 referred to as the Central Quesnel Belt. Central co-ordinates of the Property are: Latitude: 52° 39' 01"N and Longitude: 121°34'03"W.

The central Quesnel belt is comprised of Mesozoic volcanic arc-sedimentary assemblage, intruded by coeval-cogmagmatic, alkalic composition plutons of Lower Jurassic age. Studies conducted by various authors (Pentleyev, Bailey, Bloodgood, & Hancock, 1997) confirm the presence of a regional synclinal structure formed within a Triassic continent-margin basin. It was infilled first with Mid-Upper Triassic sediments and then Upper-Lower Jurassic volcanic rocks for a total interpreted thickness of between 7-9 kilometres. Together these rocks constitute the Quesnel Trough.

The volcanic and sedimentary rocks of the Quesnel Trough have been mapped and divided into several different lithological units (Pentleyev, Baily & Bloodgood, 1997), see stratigraphic column of lithologies below.

Unit 1 represents sedimentary basin fill, back-arc or marginal basin deposits. It structurally overlies Pennsylvanian-Permian age Crooked amphibolite-ultramafic unit (Struik, 1987; Rees, 1987). Unit 1 is commonly referred to as the 'black phyllite unit' and is mostly exposed along the eastern flank of the trough (e.g. Spanish Mtn. & Eureka Peak). It consists of mid-Triassic (Anisian-Ladinain age) siliceous rocks to mainly younger pelitc, thinly bedded deposits with overlying, more massive volcaniclasitic sediments. Bloodgood (1990) has mapped, and subdivided Unit 1 into a succession of 6 stratigraphic subunits briefly noted in this report as follows: micaceous quartzite (unit Tral), micaceous black phyllite (unit Tra2), phyllitic siltstone (unit Tra3), laminated phyllite and prophyroblastic phyllite (unit Tra4), silty slates (unit Tra5), and graphitic black phyllites (unit Tra6).

Unit la is a subunit defined (Penteleyev et el, 1997) as discrete volcanic and epiclastic rocks within the predominately sedimentary unit 1. Hornblende pyroxene basalt flows, breccia, related volcaniclastic deposits (volcanic sandstone and wacke) and conglomerate comprise this subunit. It has been mapped as a klippe on Eureka Peak (Bloodgood, 1987) and found as a thin belt between Horsefly Lake and Quesnel Lake, centred around Viewland Mountain. Northwest of Likely to the Cottonwood River, similar volcaniclastic sandstone, conglomerate and basaltic breccia are locally dominant lithologies near the top of the sedimentary succession (Bailey, 1988). Unit 1 and la have estimated total thickness of 2,500 metres (Bloodgood, 1987) The author places the 'Gold creek section' within the Unit la succession, as a potentially stratabound auriferous-bearing horizon occurring between the underlying sediments of Unit 1 and overlying volcanic pile of Unit 2 - see approximate position Gold Creek zone on lithological column.

Unit 2 Basalts of Upper Triassic (Norian age), (Penteleyev & Hancock, 1989; Bailey, 1988) consist of volcanic sucessions of the Quesnel island arc subdivided into three major map units (units 2, 3 and 4). Bailey (1978) estimates a thickness of 3100 metres for the volcanic succession. The two most voluminous volcanic assemblages, units 2 and 3 are further broken down into subunits. In general the volcanic succession consists of subaqueous pyroxene-phyric basalt flows and breccias (unit 2), an overlying sequence of pyroclastic and debris-flow (laharic) deposits (unit 3) and an upper unit of subaerial analcite-bearing olivine basalt flows (unit 4). Shallow-water sedimentary rocks (parts of units 2 and 3) overlap and flank the volcanic accumulations.

The subunits (Bailey, 1978; Penteleyev & Hancock, 1989) are as follows:

• Alakli Olivine Pryoxene Basalt (Unit 2a) - Green and grey pyroxene-phyric alkali olivine and alkali basalt flows, breccia, minor pillow basalt

• Alkali (Pryoxene) Basalt (Unit 2b and Clasts within Unit 2c) -Grey and maroon pyroxene-phyric alkali basalt flows and breccia, minor basaltic tuff and maroon sandstone.
• Unit2c - Polylithic grey and maroon mafic breccia
• Hornblende Pryoxene Basalt (Units 2a/2b and 2d) - Greenish grey and maroon hornblende-bearing pyroxene basalt
• Analcite-Bearing Pyroxene Basalt (Unit 2e) - Greenish grey and maroon analcite-bearing pyroxene basalt flows, breccia and minor tuffs. The green basalts have a characteristic coarsely crystalline porphyritic fabric that is emphasized by the presence of large white to buff analcite crystals. The rock has been described as "bird-dropping rock" because to the white splotchy appearance.
• Sedimentary Successions of Capping Unit 2 (Unit 2f) - At the top of unit 2 is a thin succession of predominately sedimentary rocks, a consolidation of three sedimentary subunits: 2f, 2g and 2h (Bailey, 1990). The rocks are dominantly dark grey to brown mafic siltstone, sandstone, calcareous sandstone; grey limestone and limestone breccia; grey to greenish grey sandstone.

Unit 3 Polylithic'Felsic' Breccias of Lower Jurassic (Sinemurian) age. Rocks of this unit form a heterogeneous sequence of basaltic and intermediate composition (felsic) coarse volcaniclastic rocks deposited within a subaqueous shallow-water and subaerial conditions. The unit occupies the central axis of the Quesnel belt. The thickess accumulations of these rocks, including flow-dome complexes and possibly intrusive breccias, outline centres of eruptive volcanism and subvolcanic intrusive emplacement along the belt. Bailey (1978) has calculated an aggregate thickness of 2160 metres for this unit.

Unit 4 is a Subaerial Basalt comprised of a distinctive dark purple to maroon, vesicular and amygdaloidal, analcite and olivine-bearing pyroxene basalt flow and breccia assemblage. A maximum exposed thickness of 620 metres is estimated by Bailey (1978).

Unit 5 & 6 are Sedimentary Overlap units of Early to Mid Jurassic age which deposited in a post-volcanic basin that developed along the flanks and partially overlapped the volcanic arc. Unit 5 rocks are predominately dark grey siltstones and sandstones and indicate by fauna to be Pliensbachian age. Unit 6 is comprised of conglomeratic rocks and thin-bedded siltstone and sandstone beds which partly overlap both Cache Creek and Quesnellia rocks. On the basis of faunal evidence this unit is Aalenian-Bajocian age however the age of some of the conglomerates is uncertain and may be as young as Cretaceous and equivalent to rocks of unit 9.

Unit 9 are fluvial deposits composed mainly of polylithic conglomerates of Cretaceous age with predominately metamorphic clasts derived from the Barkerville Terrane and to lesser extent Slide Mountain Terrane. The conglomerate has a distinctive orange-weathering carbonate matrix and occurs

near Likely and along Beaver Creek valley. Both Omineca highland to the east and the Quesnellia arc have experienced uplift and repeated erosion during Cretaceous and Tertiary producing fluvial channel-fill conglomerate unit. Tertiary and Neogene to Quaternary cover rocks make up remaining of the younger units in the region. Unit 10 Tertiary rocks are poorly exposed and consist of a variety of intermediate to felsic flows, ash flows, crystal and lithic tuffs and epiclastic lacustrine beds. Radiometric dating of the volcanic rocks and pollen from the sediments determine a Middle Eocene age for this unit.

Dark grey to black and maroon alkali olivine basalts subaerial flows and tephra make up Neogene plateau basalts of Unit 11. The rocks are typical of the widespread upper Tertiary plateau basalts that cover much of the south-central BC. Commonly flows display well formed columnar joints. A conglomerate Unit 1la underlies the basalt flows. The gravels consist of a distinctive white quartz cobble conglomerate that placer miners in the area refer to as the Miocene (placer gold) channel. In the Horsefly River valley the gravel is cemented with calcite. At the historic Hobson placer mine it forms a resistant conglomerate in which adits and tunnels were driven to mine the auriferous gravels.

Intrusive Suites: Two intrusive suites occur along the magmatic Quesnel arc region, those associated with Early Jurassic volcanism and those related to a period of younger, probably Cretaceous magmatism. The older intrusions are of alkalic composition and devoid of modal quartz. Generally they form small high-level intrusive bodies that are emplaced at approximately 9 to 13 kilometre intervals along the axis of the volcanic arc. They represent subvolcanic intrusions formed in, or near, eruptive centres. A few intrusions of various sizes and diorite to syenodiorite composition also occur in the basal sedimentary rocks. The author has noted one such intrusion between Quesnel Lake and Horsefly Lake in the Viewland Mountain area. The basal unit 1 in this area has hornfelsic alteration near the margins of the intrusion. A number of the alkalic stocks host porphyry copper-gold deposits, for example Mount Polley, Shiko Lake, Kwun Lake and Cantin Creek. The QR stock is associated with a significant volcanic-hosted gold deposit.

A small number of stocks and dikes of leucocratic granodiorite, quartz monzonite and granite occur in the map area and contain some copper and molybdenum. A molybdenum occurrence is hosted in granodiorite stock in the Nyland Lake area.

Bullion Gold Corp.'s exploration project occurs between the N.T.S. co-ordinates noted above trending northwest for about 100 kilometres along the central Quesnel Belt. The hamlet of Likely is the geographical centre for this project. The project area lies along the eastern margin of the Intermontane Belt along its tectonic boundary with the Omineca Belt. It is entirely within

Quesnellia, sometimes alternatively referred to as Quesnel Terrane. The western terrane boundary of Quesnellia is with the Cache Creek Terrane marked by zone of high-angle, strike-slip faulting mapped as the southern extension of the Pinchi fault system (Gabrielse, 1991). Along the eastern margin of the project area rocks of Quesnellia and a thin slice of underlying 'Crooked amphibolite', part of the Slide Mountain Terrane are structurally coupled and tectonically emplaced by the Eureka thrust onto the Barkerville Subterrane of the Omineca Belt.

The company's objective is to establish an exploration model and exploration guidelines for the search and identification of potentially favourable gold-copper bearing host-rocks within the Quesnel plutovolcanic magmatic arc and basal sedimentary assemblage.

b) Property

Over 95% of the Property is covered by a thick mantle of overburden. Limited bedrock is exposed along portions Poquette Creek valley (e.g. Gold Creek section), near Quesnel Forks, Rose Gulch and sections of the south bank of Cariboo River (e.g. across from Kangaroo Creek). There are also the occasional sub-outcropings of bedrock along local ridges between the Forks and Poquette valley. The author and a highly experienced prospector (both have past field experience in the area) examined some of the outcrops but concentrated mapping and sampling surveys in the area of Gold Creek on behalf of Bullion Gold Corp.

Ministry of Energy, Mines and Petroleum Resources, Geology Division interprets the underlying geology in the Property as northwest trending Mesozoic basaltic volcanic and sedimentary rocks offset by a series of northeasterly trending faults. The author compiled data from historical work documented by other companies and was able to interpret in part, the underlying bedrock geology in an area between the Forks and Poquette valley.

Based from percussion drilling and trenching data, this area is comprised predominately of northwest trending, dark green, augite porphyry basaltic to andesitic unit bounded by sedimentary rocks. To the southwest, between Quesnel River and Rosette Lake, the volcanic rocks are in contact with partly sheared, black carbonaceous and thinly bedded argillaceous unit. Occurring between the sediments and the volcanic rocks is a band of polylithic conglomerate which can be observed along sections of residential roads in Likely leading to the Forks. To the northeast, south of the Cariboo River and east of Murderer Creek to Potter's Mill and Poquette Lake, the volcanic unit comes in contact with argillite and shale unit. Between these two units is a northwest trending coarser clastic altered horizon. One of the percussion holes (P25) intersected this horizon, cuttings are described as andesitic to volcaniclastic with carbonate alteration,

disseminated pyrite and quartz-carbonate stringers throughout. It appears to resemble in part, and may be the northwestern extension of the Gold Creek mineralization described in more detail below, offset by the Poquette Creek fault system.

The volcanic unit to be part of Unit la (Panteleyev et al, 1997), a sub unit which is hosted in the upper stratigraphy sequence of Unit 1 sedimentary succession. These volcanic rocks can be traced from the Forks partly exposed along south bank of the Cariboo River to Poquette valley where they are well exposed along Keithley Creek road. At an exposed section south of the river and across from Kangaroo Creek, here the volcanic rocks are pervasively altered with iron carbonate and appear to be more felsic to tuffaceous in appearance. Samples collected in 1979 by Cardinal and Godfrey were anomalous in gold up to .04 oz per ton (approximately 1.4 gm/mt). Along Keithley Creek road section the volcanic rocks are highly foliated, intensely sheared and faulted and altered to lower greenschist chioritic facies and carbonate alteration. They appear to be more andesitic then basaltic in composition.

Poquette Creek valley (Plate IB) is suggested to be a surface expression of a major north-northeast trending fault (Figure 4) and is interpreted by the author to have a dextral movement in the order of 400-500 metres. In a steep incise gully near where the creek merges with Quesnel River, approximately 2 kilometres east of Likely, the volcanic rocks are intensely brecciated and sheared, and on the east side of the gully are in fault-contact with easterly dipping, thinly bedded, argillaceous sediments. There is physical evidence this part of the gully was placer mined probably some time during the early part of the 1900s.

Along the hillside, on the west side of the Poquette valley and across from Gold Creek, is a dark green, medium grain, equigranular, hornblende diorite intrusive stock. Due to the overburden and heavy vegetation its dimensions are presently unknown. It intrudes into and may be coeval and feeder to the overlying volcanics. Its close spatial relationship to the Poquette Creek fault may also indicate that it is a post fault intrusive introduced along the fault system. From the author's brief examination of the diorite it appears to be relatively fresh and unaltered. Although several assessment reports (e.g. ARIS 7635, 12778 & 19299) note the diorite to be associated with propylitic alteration at the contact with the sedimentary rocks. Some silver and gold anomalous quartz veins are also reported to occur along its margins. The diorite may have played a role in the alteration and mineralization found in Gold Creek.

c) Mineralization

Gold Creek is a small intermittent stream about 3 kilometres in length which flows from east to west. It cuts into the hillside overlooking the Poquette Creek

valley carving an incised gulley along the lower section, exposing a window of altered and mineralized bedrock before merging with Poquette Creek (Figure 5). Its elevation ranges between 845 metres above mean sea level at the lower section to 910 metres near the crest of the hill where it begins to level off. The dimensions of the exposed mineralized section referred to as the 'Gold Creek section', the focus of the mapping and sampling, occurs along the lower 100 metre portion of the creek bed and along a 30 metre wide by 30 metre high west facing escarpment exposed immediately adjacent to and south of the creek (Plate II). Gold Creek's topographic profile, erosion and limited bedrock exposure affords a restricted but apparent-inferred 3 dimensional view (roughly 100 metres north-south by 125 metres east-west and 50 metres in height) of the altered and mineralized section (Cross-section Figures 7-9).

Gold Creek section (also 'the section')and study area is also cut by two access roads, the Keithley Creek road which runs north and south and follows Poquette valley is just 25 metres to the west of the exposed mineralized escarpment. The Spanish Mountain road runs diagonally across the hillside to the east of the escarpment cutting the eastern and upper portion of the mineralized zone

Gold Creek Section

The section is exposed along a steep escarpment crudely triangular in shape. The exposure is some 25-30 metres wide at the foot of the escarpment and about 30 metres in height narrowing to just a few metres in width near the apex where it is then covered by shallow overburden and vegetation (Plate II). The section also partly outcrops on the north side of Gold Creek.

Lithology

The section is characterized by an orange iron oxide coating and is predominately comprised of partly silicified, carbonate altered, competent (brittle), fine-medium grain clastic sediments (Plates III & IV). The author tentatively describes the rock as a pervasively carbonate altered, volcanically derived tuffaceous wacke unit. The tuff-wacke unit is generally massive and buff to pale green when fresh. It characteristically has networks of fine black fractures with occasionally black lithic fragments. Bedding within the tuffaceous beds is rare and where observed on the exposed escarpment, is generally finally laminated and appears to occur on the top or bottom of the more coarser, massive wacke beds. Stratigraphically, the tuffaceous wacke unit occurs near the upper horizon of the Unit 1 sedimentary succession and just below the volcanic Unit la. It appears to represent a transition horizon between these two units and is probably in part derived from the Unit la volcanic rocks.

Structure

The finely laminated tuffaceous beds where observed, strike north-south and dip 40-45 degrees east. These folded beds are believed by the author to be part of a notheast limb of a major F1 synclinal fold (Bloodgood, 1986) and probably represents the initial phases of tectonic accretionary eastward moved of Quesnel Terrane with the Barkerville subterrane, which produced a series of northeasterly converging folds. The tuff-wacke unit does not display any bedding cleavage or parasitic folds due to the competent and brittle nature of the beds. However, a series of northerly dipping, low angle (25-30 degrees) joints or cleavage fractures indicate east-west folding (F2) of the beds overprinting the F1 folds suggesting an east-west recumbent fold hinge (Plate VII). However these joints or cleavage fractures may be more related to the faulting and movement along the Poquette fault system as drag folding rather then related to accretionary tectonism.

There are at least to sets of structurally controlled quartz vein systems hosted in the tuffaceous wacke associated with gold mineralization (Plate IV). The first set occurs along the joints or cleavage fractures and appear to be related to a metamorphic event. The second set occur as a series of narrow (1cm-4cm wide), sub-paralleling quartz veins, dipping steeply to the north and striking east and cut across the bedding and the first set of veins. The second phase of veining appears to be controlled by tension structures and may be more of hydrothermal in origin.

Gold Creek is mapped as an east-west fault, slickensides were noted along the rock walls in the creek gully, it probably produced a series of east-west propagation or tension fractures in the surrounding tuffaceous wacke that were subsequently healed by quartz veins noted above. The Gold Creek fault intersects the northerly trending Poquette Creek fault along the valley and is noted in earlier assessment reports as extending across the valley floor to the west slopes in the area of diorite stock.

Further up the creek gully is a northwest-southeast trending fault which the author refers to as the 'northeast fault-contact'. This fault is offset several metres by Gold Creek fault which has a sinistral movement with south side moving several metres to the east. The author believes this fault predates the Gold Creek and Poquette faults and is probably related to the Spanish Thrust (Panteleyev et al, 1997) fault found some 200-300 metres to the east. The northeast fault-contact appears to offset and marks the eastern boundary of the Gold Creek mineralized zone.

It appears the Poquette fault to have displaced the rocks along the west side of the valley by 400-500 metres to the north, as a right lateral offset. In one of

the previous percussion holes located on the west side of the Poquette valley and west of Potter's Mill, rocks intersected are described as having similar alteration characteristics and quartz mineralization as the Gold Creek rocks. These rocks are interpreted as been displaced several hundreds of metres to the north.

Gold Mineralization and Alteration

In hand specimen and fresh break, the tuffaceous wacke is characteristically: light greenish-grey, massive, fine grain, weakly chloritic and siliceous in appearance and dominated by indistinct grains of quartz and carbonate matrix minerals and fine whitish kaolinitic feldspar and quartz. The carbonate alteration is associated with an occasional light aquamarine-greenish mineral of unknown composition (variably also identified as fuchsite/mariposite) in fragment-like patches or clots. Under binocular microscope the specimen has a lustrous-silky, sugary texture appearance containing very fine, interstitial grains of euhedral calcite-iron carbonate with occasional rounded translucent to smokey quartz grains and remnants of feldspathic tuffaceous sub-angular crystal laths.

The Gold Creek section appears to represent an auriferous-bearing stratabound horizon comprised of a multi-phased quartz vein system hosted in altered tuffaceous wacke rocks. These rocks are also anomalous in gold and silver and suggest a syngenetic relationship. The more dominate vein system runs vertically along the face of the escarpment. The veins are generally narrow (1-4 cm wide) but are strong and consistent nature along strike and dip. At least 15 such veins were noted forming a series of sub-paralleling, steeply dipping, and easterly striking, milky white quartz vein stringers. They fill or heal tensional fractures and follow local shear structures found along the escarpment. The veins do not exhibit boudin or lensoid character typical of remobilized 'quartz sweats' rather they appear to be more of hydrothermal in origin possibly related to a deeper plumbing system.

The quartz veins are associated with very fine to about 1 mm size native gold and occasionally with fine sulphide assemblage of galena, sphalerite and pyrite. Along the contact walls of the quartz, pyrite can range between 5-10% and in the host rock it is usually 1-3%. Where observed, the gold has been found as fine, free individual crystalline grains (i) along the walls of the quartz veins; (ii) along walls of cubicpyrite; (iii) with limonitic pyrite and, (iv) occasionally with galena. Thehighest values of gold have been obtained from the oxidized, limonitic walls of the veins.

A shear zone (Plate III) 2-3 metres wide running vertically along a section of the escarpment and associated with a number of paralleling quartz veins, is especially enriched in gold. The shear zone is highly oxidized with the material

between the veins intensely decomposed and limonitic (Plate VIII). Some of ocher material observed on the palm of the hand had the occasional very fine, wire-like native gold. The shear zone may represent channel way for migrating hydrothermal silica-rich solutions enriched in gold.

MMI SOIL SAMPLING

(a) Sampling Procedure

The MMI survey consisted of 26 lines over 28,100 meters.

The survey line was emplaced while the sampling was being carried out by blazing trees and by blaze orange flagging. Each sample spot was marked by a 60 cm wooden picket with an aluminum tag stapled to it and the grid coordinates marked thereon. Samples were picked up every 50 meters. The MMI samples totaled 562.

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

(b) Analytical Methods

At SGS Minerals, the testing procedure begins with weighing 50 grams of the sample into a plastic vial fitted with a screw cap. Next is added 50 ml of the MMI-M solution to the sample, which is then placed in trays and put into a shaker for 20 minutes. (The MMI-M solution is a neutral mixture of reagents that are used to detach loosely bound ions of any of the 46 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 46 elements are processed automatically, loaded into the LIMS (laboratory information management system which is computer software used by laboratories) where the quality control parameters are checked before final reporting.

(c) Compilation of Data

Twelve elements, or metals, were chosen out of the 46 reported on, these were silver, arsenic, gold, cadmium, cerium, cobalt, copper, molybdenum, nickel, lead, uranium,

and zinc. The mean background value was calculated for each of the ten metals and this number was then divided into the reported value for that metal to obtain a figure called the response ratio. Stacked histograms were then made of the response ratios for each of the twelve metals as shown on figures 6 to 9.

MAGNETIC SURVEY

(a) Instrumentation

The magnetic survey was carried out with two model G-856 proton precession magnetometers manufactured by Geometrics of San Jose, California. One was used as a base station and the other was used as the field unit. This instrument reads out directly in nanoTeslas (nT) to an accuracy of ±1 nT, over a range of 20,000 - 100,000 nT. The operating temperature range is -40° to +50° C, and its gradient tolerance is up to 3,000 gammas per meter.

(b) Theory

Only two commonly occurring minerals are strongly magnetic, magnetite and pyrrhotite and therefore magnetic surveys are used to detect the presence of these minerals in varying concentrations, as follows:

- Magnetite and pyrrhotite may occur with economic mineralization on a specific property and therefore a magnetic survey may be used to locate this mineralization.
- Different rock types have different background amounts of magnetite (and pyrrhotite in some rare cases) and thus a magnetic survey can be used to map lithology. Generally, the more basic a rock-type, the more magnetite it may contain, though this is not always the case. In mapping lithology, not only is the amount of magnetite important, but also the way it may occur. For example, young basic rocks are often characterized by thumbprint-type magnetic highs and lows.
- Magnetic surveys can also be used in mapping geologic structure. For example, the action of faults and shear zones will often chemically alter magnetite and thus these will show up as lineal-shaped lows. Or, sometimes lineal-shaped highs or a lineation of highs will be reflecting a fault since a magnetite-containing magmatic fluid has intruded along a zone of weakness, being the fault.

(c) Survey Procedure

Readings of the earth's total magnetic field were taken every 25 meters along twenty-five survey lines with a separation of 100 to 200 meters. The total amount of surveying is 26,150 meters.

The diurnal variation was monitored in the field by a base station.

(d) Data Reduction

The data was input into a computer. Using Geosoft software, it was next plotted with 56,200 nT subtracted from each posted value and contoured at an interval of 100 nT on a base map, GP-1, with a scale of 1:5,000. Also, as is mentioned below, the magnetic data were profiled above each resistivity pseudosection.

INDUCED POLARIZATION AND RESISTIVITY SURVEYS

(a) Instrumentation

The transmitter used was a BRGM model VIP 4000. It was powered by a Honda 6.5 kW motor generator. The receiver used was a six-channel BRGM model Elrec-6. This is state-of -the-art equipment, with software-controlled functions, programmable through a keyboard located on the front of the instrument. It can measure up to 6 chargeability windows and store up to 2,500 measurements within the internal memory.

(b) Theory

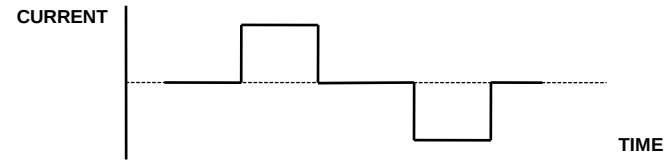
When a voltage is applied to the ground, electrical current flows, mainly in the electrolyte-filled capillaries within the rock. If the capillaries also contain certain mineral particles that transport current by electrons (mostly sulphides, some oxides and graphite), then the ionic charges build up at the particle-electrolyte interface, positive ones where the current enters the particle and negative ones where it leaves. This accumulation of charge creates a voltage that tends to oppose the current flow across the interface. When the current is switched off, the created voltage slowly decreases as the accumulated ions diffuse back into the electrolyte. This type of induced polarization phenomena is known as electrode polarization.

A similar effect occurs if clay particles are present in the conducting medium. Charged clay particles attract oppositely-charged ions from the surrounding electrolyte; when the current stops, the ions slowly diffuse back to their equilibrium state. This process is known as membrane polarization and gives rise to induced polarization effects even in the absence of metallic-type conductors.

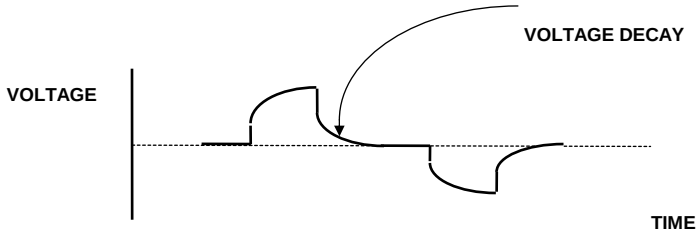
Most IP surveys are carried out by taking measurements in the “time-domain”, and some in the “frequency-domain”.

Time-domain measurements involve sampling the waveform at intervals after the current is switched off, to derive a dimensionless parameter, the chargeability “M”, which is a measure of the strength of the induced polarization effect. Measurements in the frequency domain are based on the fact that the resistance produced at the electrolyte-charged particle interface decreases with increasing frequency. The difference between apparent resistivity readings at a high and low frequency is expressed as the percentage frequency effect, or “PFE”.

The quantity, apparent resistivity, ρ_a, computed from electrical survey results is only the true earth resistivity in a homogenous sub-surface. When vertical (and lateral) variations in electrical properties occur, as they almost always will, the apparent resistivity will be influenced by the various layers, depending on their depth relative to the electrode spacing. A single reading, therefore, cannot be attributed to a particular depth.



TRANSMITTED WAVEFORM



RECORDED VOLTAGE

The ability of the ground to transmit electricity is, in the absence of metallic-type conductors, almost completely dependent on the volume, nature and content of the pore space. Empirical relationships can be derived linking the formation resistivity to the pore water resistivity, as a function of porosity. Such a formula is Archie's Law, which states (assuming complete saturation) in clean formations:

$$R_o = O^{-2} R_w$$

Where: R_o is formation resistivity
R_w is pore water resistivity
O is porosity

(c) Survey Procedure

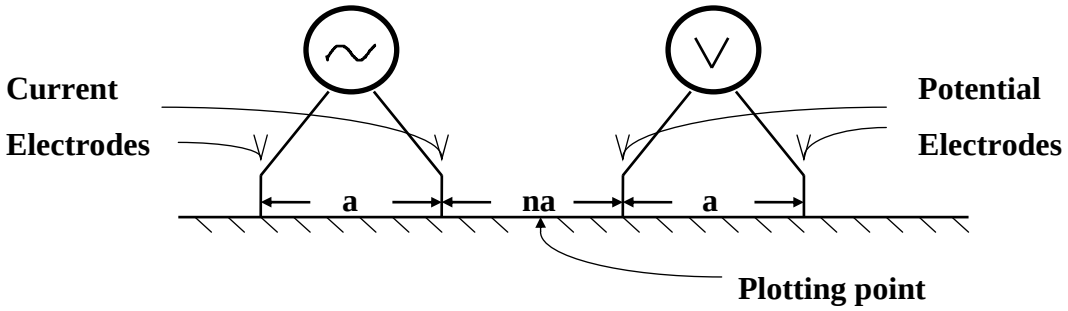
Three IP/resistivity survey lines were carried out within the grid area which was based on the magnetic survey results. The survey line direction was due north.

The IP and resistivity measurements were taken in the time-domain mode using an 8-second square wave charge cycle (2-seconds positive charge, 2-seconds off, 2-seconds

negative charge, 2-seconds off). The delay time used after the charge shuts off was 80 milliseconds and the integration time used was 1,760 milliseconds divided into 10 windows.

The array chosen was the dipole-dipole, shown as follows:

DIPOLE-DIPOLE ARRAY



The electrode separation, or 'a' spacing, and reading interval were chosen to be 25 meters read to 12 separations (which is the 'na' in the above diagram). The theoretical depth penetration is about 115 meters, or 380 feet.

Stainless steel stakes were used for current electrodes as well as for the potential electrodes.

In places, there was some difficulty in reducing the stake resistance down to acceptable levels, which is a typical problem in alpine areas. (However, at most of the locations, there was no problem at all.) The result was that in places only a minimal current of 50 milli-amperes could be put into the ground. The surveying was done on the following lines and to the following lengths.

Line Number	Survey Length	PseudoSection Figure #	Inversion Figure #
100N	725	GP - 3	GP – 6
250N	550	GP - 4	GP – 7
400N	525	GP - 5	GP - 8

The total amount of IP and resistivity surveying carried out was 38,000 meters.

(d) Compilation of Data

All data were reduced by a computer software program developed by Geosoft Inc. of Toronto, Ontario. Parts of this program have been modified by Geotronics Consulting Inc. for its own applications. The computerized data reduction included the resistivity calculations, pseudosection plotting, and contouring.

The chargeability (IP) values are read directly from the instrument and no data processing is therefore required prior to plotting. However, the data is edited for errors and for reliability. The reliability is usually dependant on the strength of the signal, which weakens at greater dipole separations and which also weakens in areas of lower resistivity.

The resistivity values are derived from current and voltage readings taken in the field. These values are combined with the geometrical factor appropriate for the dipole-dipole array to compute the apparent resistivity.

All the data have been plotted in pseudosection form at a scale of 1:2,500. One map has been plotted for each of the three pseudosections, as shown on the above table and in the Table of Contents. The pseudosection is formed by each value being plotted at a point formed from the intersection of a line drawn from the mid-point of each of the two dipoles. The result of this method of plotting is that the farther the dipoles are separated, the deeper the reading is plotted. The resistivity pseudosection is plotted on the upper part of the map for each of the lines, and the chargeability pseudosection is plotted on the lower part.

All pseudosections were contoured at an interval of 5 milliseconds for the chargeability results, and at a logarithmic interval to the base 10 for the resistivity results.

The self-potential (SP) data from the IP and resistivity surveys were plotted and profiled above the resistivity pseudosection for each line at a scale of 1 cm = 100 millivolts with a base of zero millivolts. In addition, the magnetic data was profiled below the SP profile but above the resistivity pseudosection at a scale of 1 cm = 125 nT with a base of 57,200 nT.

A 2-D inversion interpretation was carried out on the IP and resistivity data using computer software produced by Geotomo Software. This purpose of inversion interpretation is to eliminate the electrode effect that is endemic with IP and resistivity data and thus locate the causative sources more accurately. The Geotomo inversion is a rapid method that uses the least squares interpretation. The results are shown in section format for each line as shown in the above table and within the Table of Contents.

DISCUSSION OF RESULTS

The results are limited but it should be noted that the line is reconnaissance in nature. Also, it is not expected that the rock-types that supposedly underlie the property will carry mineralization but that mineralization would occur in the underlying rock-types at depth, especially the Granite Mountain pluton. Therefore, it is expected that any MMI responses that may reflect mineralization would be muted.

There are three anomalous responses that are considered to be of exploration interest and these are labeled by the upper case letters A to C.

Anomaly A is the main MMI response of interest and is a two-value gold anomaly that occurs near the western edge of the property. This anomaly reaches 54 times background.

Anomalies B and C are each principally a copper anomaly. B is a three-value anomaly that reaches 15 times background and C is a two value anomaly that reaches 6 times background.

The lead and cadmium results are high for the western 800 meters and is probably indicative of the underlying Endako Group volcanic rocks. These rocks are in contact with Endako Group sedimentary rocks to the east and this boundary is marked by a zinc high at 39750 E. For the next 150 to 200 meters there is a drop in total MMI responses, especially seen on fig. 8. This is probably a reflection of the Endako sediments. From 39950 E to 40900E, and possibly 41100 E, there is a high nickel response. This is probably due to a basic to ultra-basic rock-type within the Chilcotin basalts.

SELECTED BIBLIOGRAPHY

Campbell, R.B. and Tipper, H.W. (1970): Geology and Mineral Potential of the Quesnel Trough, British Columbia; *Canadian Institute of Mining and Metallurgy*, Bulletin, Volume 63, pages 785-790.

Cardinal, D.G. (2008). Geological and Prospecting Reconnaissance Report on Likely-Gold Creek Claim Group. Prepared for Bullion Gold Corp.

Gabrielse, H. and Yorath, C.J. (1991): Tectonic Synthesis; Chapter 18 *in* Geology of the Cordilleran Orogen in Canada, Gabrielse, H. and Yorath, C.J., Editors, *Geological Survey of Canada*, Geology of Canada, Number 4, pages 677-705.

Hings, D. L, P.Eng, (1972) A Geophysical Survey Covering the Bird and Best Claims Groups, McLeese Lake, BC, for Rocky Mountain Trench Ltd, Whitey Wilson Oil and Gas Co., Lower Valley Mines Ltd., by ELC Geophysics Ltd., BC Assessment Report #3483

Hings, D. L, P.Eng, (1972) A Geophysical Survey Covering the Nick and Gail Claims Groups, McLeese Lake, BC, for Lower Valley Mines Ltd., by ELC Geophysics Ltd., BC Assessment Report #4243

Struik, L.C. (1985a): Thrust and Strike-slip Faults Bounding Tectono-stratigraphic Terranes, Central British Columbia, *in* Field Guides to Geology and Mineral Deposits in the Southern Canadian Cordillera, Tempelman-Kluit, D.J., Editor, Cordilleran Section, *Geological Association of America*, Colorado, pages 141-148.

Tipper, H.W. (1959): Quesnel, British Columbia; *Geological Survey of Canada*, Map 12-1959.

Tipper, H.W., Woodsworth, G.J. and Gabrielse, H. (1981): Tectonic Assemblage Map of the Canadian Cordillera and Adjacent Parts of the United States of America; *Geological Survey* of *Canada*, Map 1505A, 1:2 000 000.

Wheeler, J.O., Brookfield, A.J., Gabrielse, H., Monger, J.W.H., Tipper, H.W. and Woodsworth, G.J. (1991): Terrane Map of the Canadian Cordillera; *Geological Survey of Canada*, Map 1713A, 1:2 000 000.

Wheeler, J.O. and McFeely, P. (1991): Tectonic Assemblage Map of the Canadian Cordillera and Adjacent Parts of the United States of America; *Geological Survey of Canada*, Map 1712A, 1:2 000 000.

GEOPHYSICIST'S CERTIFICATE

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

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

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

I further certify that:

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

2. I have been practicing my profession for the past 41 years, and have been active in the mining industry for the past 44 years.

3. This report is compiled from data obtained from MMI soil sampling, magnetic, induced polarization (IP), resistivity, and self potential (SP) surveys carried out by a crew of Geotronics Consulting a line within the Gold Creek Grid of the Cariboo Goldfields Project during the exploration season of 2008.

4. I hold an option to purchase 50,000 shares of Tiex Inc but I not expect to receive any further interest as a result of writing this report.

David G. Mark, P.Geo. May 6th, 2009
Geophysicist

AFFIDAVIT OF EXPENSES

MMI soil sample surveying along with grid emplacement was carried out over the Gold Creek Claims, which is part of the Cariboo Goldfields Project and which occurs at and around the village of Likely, B.C, during May to August, 2008 to the value of the following:

FIELD:		
Mob/demob from Vancouver - Likely, return	$ 6,360.00	
6-man IP crew , 17 days @ $2950/day	50,150.00	
5-man IP crew, 30 days @ $2725/day	81,750.00	
Sabrex Linecutting, 6-man crew, 9 days @ $3,050/day	27,450.00	
Sabrex Linecutting, 4-man crew, 6 days @ $1,950/day	11,700.00	
Geotronics Linecutting,4-man crew, 3 days @ $1,700/day	5,100.00	
Geotronics Linecutting,3-man crew, 3 days @ $1,400/day	4,200.00	
6-man MMI crew , 5 days @ $2400/day	12,000.00	
1-man magnetic survey, 10 days @ $725/day	7,250.00	
TOTAL	$205,960.00	$205,960.00
LABORATORY:		
Multi-element MMI testing, 559 samples @ $37/sample	$20,683.00	
Sample shipping	950.00	
TOTAL	$21,633.00	$21,633.00
DATA REDUCTION:		
Data reduction, 307 hours @ $40/hour	$12,280.00	
Geophysicist	3,000.00	
TOTAL	$15,280.00	$15,280.00
GRAND TOTAL		**$242,873.00**

Respectfully submitted,
Geotronics Consulting Inc.

David G. Mark, P.Geo,
Geophysicist

February 23rd, 2009

Respectfully submitted,
Geotronics Consulting Inc.

David G. Mark, P.Geo,
Geophysicist

February 23rd, 2009

APPENDIX –GEOCHEMISTRY DATA

ANALYTE			Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy
DETECTION			1	1	10	0.1	10	1	10	1	5	5	100	10	1
UNITS			PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB
Grid 1															
Line 99075E															
99137	32055	32055N	436	16	<10	1.6	170	<1	290	237	10	249	<100	1280	13
99135	32005	32005N	99	9	10	1.7	460	<1	430	78	39	681	<100	4190	7
99132	31956	31956N	94	10	<10	1.2	270	<1	270	257	<5	445	<100	1500	2
99135	31915	31915N	48	23	<10	3.4	780	<1	460	21	55	167	<100	1080	19
99134	31873	31873N	291	10	<10	0.8	210	<1	310	271	<5	360	<100	1440	4
99124	31825	31825N	964	7	60	7.3	140	<1	360	167	<5	146	<100	1700	3
99113	31777	31777N	89	12	170	9.8	30	<1	280	25	<5	238	<100	2210	2
99110	31725	31725N	446	9	3500	127	<10	<1	240	17	<5	71	<100	3490	<1
99107	31674	31674N	404	11	2870	110	<10	<1	240	16	<5	75	<100	3310	<1
99099	31623	31623N	215	16	150	43.9	110	<1	250	25	8	221	<100	3220	3
99091	31572	31572N	75	15	40	7.2	140	<1	270	10	<5	184	<100	2560	1
99073	31519	31519N	116	10	<10	5.8	150	<1	280	6	<5	142	<100	1730	<1
99055	31465	31465N	1350	11	290	38.8	100	<1	310	157	<5	80	<100	4480	1
99051	31425	31425N	125	9	30	12.3	120	<1	280	4	<5	201	<100	3110	1
99047	31385	31385N	260	9	110	14.5	140	<1	290	38	<5	466	<100	3120	<1
99043	31340	31340N	320	13	100	15.8	110	<1	270	69	<5	512	<100	3260	2
99037	31295	31295N	147	11	80	17.5	150	<1	350	11	<5	149	<100	2680	1
99032	31250	31250N	360	13	310	61.8	100	<1	470	8	7	253	<100	4240	3
99027	31205	31205N	103	8	490	29.8	100	<1	350	3	<5	112	<100	2820	1
99022	31160	31160N	160	16	480	54	140	<1	390	4	8	26	<100	4510	18
99017	31115	31115N	162	72	530	26	480	<1	300	11	57	9	<100	3160	33
99012	31070	31070N	88	44	400	18.5	350	<1	280	9	18	83	<100	3210	4
Line 99100E															
99100E	30775	30775N	53	8	10	1.8	600	<1	520	9	15	315	<100	2990	8
99100E	30825	30825N	7	15	20	1.7	300	<1	620	22	<5	29	<100	280	2
99100E	30875	30875N	21	146	170	1.2	660	<1	200	19	178	130	<100	740	48
99100E	30925	30925N	20	66	<10	1	1070	<1	440	13	172	29	<100	1100	124
99100E	30975	30975N	112	13	<10	5.2	430	<1	690	11	6	140	<100	2940	5
99100E	31025	31025N	240	9	50	26	100	<1	490	7	5	147	<100	2360	3
99100E	31075	31075N	52	7	80	10	220	<1	320	25	10	73	<100	1150	6
99100E	31125	31125N	90	7	50	15.4	210	<1	480	27	8	285	<100	2180	4
99100E	31175	31175N	13	20	70	0.4	410	<1	680	39	13	34	<100	830	8
99100E	31225	31225N	167	12	20	12.7	420	<1	580	54	17	192	<100	2780	8
99100E	31275	31275N	80	12	20	4.9	410	<1	480	62	22	188	<100	1770	9
99100E	31325	31325N	116	14	20	8.3	390	<1	680	56	16	177	100	4390	7
99100E	31375	31375N	20	40	430	3.9	280	<1	250	49	84	237	<100	5450	55
99100E	31425	31425N	181	9	60	20.6	370	<1	630	17	8	159	<100	4960	4
99100E	31475	31475N	411	13	120	18.5	400	<1	680	31	<5	87	<100	5300	3
99100E	31525	31525N	71	14	10	3.5	1440	<1	630	12	7	100	<100	1060	3
99100E	31575	31575N	157	8	260	16.9	410	<1	680	32	<5	345	<100	2870	3
99100E	31625	31625N	218	16	160	41.2	690	<1	680	25	47	234	<100	3110	19

ANALYTE			Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr
DETECTION			0.5	0.5	1	1	1	5	1	5	0.5	1	5	10	1	1
UNITS			PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Grid 1																
Line 99075E																
99137	32055	32055N	11.5	2.4	6	10	2	6	89	20	<0.5	7	924	100	<1	<1
99135	32005	32005N	3.8	2.4	21	9	6	<5	16	74	<0.5	19	1110	50	<1	3
99132	31956	31956N	3	<0.5	6	<1	<1	<5	48	49	<0.5	<1	772	30	<1	<1
99135	31915	31915N	8.8	6.3	8	27	20	<5	60	34	<0.5	53	224	30	<1	8
99134	31873	31873N	3.5	<0.5	6	2	<1	<5	28	71	<0.5	<1	696	50	<1	<1
99124	31825	31825N	2.3	<0.5	4	2	<1	<5	91	47	<0.5	<1	387	50	<1	<1
99113	31777	31777N	1.9	<0.5	6	<1	<1	<5	51	5	<0.5	<1	519	<10	<1	<1
99110	31725	31725N	0.9	<0.5	6	<1	<1	<5	61	12	<0.5	<1	203	20	2	<1
99107	31674	31674N	1.2	<0.5	6	<1	<1	<5	64	12	<0.5	<1	200	20	2	<1
99099	31623	31623N	4.5	0.5	5	2	1	<5	139	12	<0.5	3	397	<10	2	<1
99091	31572	31572N	1.6	<0.5	5	<1	<1	<5	77	<5	<0.5	<1	190	10	<1	<1
99073	31519	31519N	1.5	<0.5	6	<1	<1	<5	56	<5	<0.5	<1	185	20	2	<1
99055	31465	31465N	1.6	<0.5	7	<1	<1	<5	24	<5	<0.5	<1	81	2370	<1	<1
99051	31425	31425N	1.8	<0.5	4	<1	<1	<5	44	<5	<0.5	<1	97	30	1	<1
99047	31385	31385N	1.3	<0.5	7	<1	<1	<5	47	<5	<0.5	<1	366	110	<1	<1
99043	31340	31340N	2.3	<0.5	7	<1	<1	<5	53	11	<0.5	<1	558	90	<1	<1
99037	31295	31295N	1.4	<0.5	6	<1	<1	<5	37	7	<0.5	<1	142	20	<1	<1
99032	31250	31250N	1.6	0.6	7	3	<1	<5	31	8	<0.5	2	170	20	<1	<1
99027	31205	31205N	1	<0.5	5	1	<1	<5	56	<5	<0.5	1	61	40	<1	<1
99022	31160	31160N	11.4	6.3	9	21	11	<5	50	5	<0.5	30	49	<10	<1	5
99017	31115	31115N	19	11.8	27	41	50	<5	30	<5	<0.5	97	61	40	<1	18
99012	31070	31070N	1.9	1.3	13	5	7	<5	55	<5	<0.5	14	12	30	<1	3
Line 99100E																
99100E	30775	30775N	4.2	1.8	9	8	1	<5	82	7	<0.5	7	277	20	1	<1
99100E	30825	30825N	1.1	0.7	14	3	1	<5	31	<5	<0.5	4	255	<10	<1	<1
99100E	30875	30875N	21.3	13.2	93	50	70	<5	20	<5	0.8	122	455	130	<1	22
99100E	30925	30925N	65.8	36.5	18	138	100	<5	51	<5	<0.5	249	291	30	<1	37
99100E	30975	30975N	3.1	1.2	10	5	<1	<5	75	<5	<0.5	3	346	<10	<1	<1
99100E	31025	31025N	1.8	0.8	9	4	<1	<5	34	<5	<0.5	2	184	10	2	<1
99100E	31075	31075N	3.5	1.9	17	7	4	<5	48	11	<0.5	12	313	20	<1	2
99100E	31125	31125N	2.1	1.2	15	5	2	<5	44	16	<0.5	7	786	10	<1	<1
99100E	31175	31175N	4.1	2.4	28	9	5	8	86	20	<0.5	15	932	10	<1	2
99100E	31225	31225N	4.5	2.5	17	10	3	<5	43	19	<0.5	12	1160	10	<1	1
99100E	31275	31275N	4.9	2.7	31	10	5	<5	45	16	<0.5	15	1520	20	<1	2
99100E	31325	31325N	4	2.3	29	8	4	<5	39	41	<0.5	13	1090	10	<1	2
99100E	31375	31375N	32.9	18.5	367	63	30	6	68	45	<0.5	122	813	370	<1	17
99100E	31425	31425N	2.7	1.5	12	5	1	<5	32	<5	<0.5	6	191	130	1	<1
99100E	31475	31475N	1.8	1	12	3	<1	<5	50	<5	<0.5	4	206	230	1	<1
99100E	31525	31525N	1.6	1	12	3	2	<5	117	<5	<0.5	5	181	10	<1	<1
99100E	31575	31575N	1.8	0.5	11	2	<1	<5	71	11	<0.5	<1	619	20	1	<1
99100E	31625	31625N	10.7	6.4	13	25	15	<5	121	12	<0.5	38	505	20	1	5

ANALYTE			Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U
DETECTION			1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1
UNITS			PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Grid 1																
Line 99075E																
99137	32055	32055N	<1	6	1	22	4	<1	1020	<1	2	<10	0.9	5	<0.5	10
99135	32005	32005N	<1	<5	3	16	6	<1	850	<1	1	<10	4.6	6	<0.5	5
99132	31956	31956N	<1	7	<1	9	<1	<1	1160	<1	<1	<10	<0.5	4	<0.5	12
99135	31915	31915N	<1	10	<1	14	18	<1	1800	<1	4	<10	4.6	6	<0.5	10
99134	31873	31873N	<1	10	3	8	<1	<1	1250	<1	<1	<10	0.7	4	<0.5	20
99124	31825	31825N	<1	7	4	9	<1	<1	2330	<1	<1	<10	<0.5	6	<0.5	20
99113	31777	31777N	<1	13	1	10	<1	<1	1860	<1	<1	<10	<0.5	4	<0.5	4
99110	31725	31725N	<1	8	11	8	<1	<1	2540	<1	<1	<10	<0.5	4	<0.5	9
99107	31674	31674N	<1	9	10	8	<1	<1	2580	<1	<1	<10	<0.5	3	<0.5	10
99099	31623	31623N	<1	8	2	23	<1	<1	2550	<1	<1	<10	<0.5	3	<0.5	12
99091	31572	31572N	<1	16	2	12	<1	<1	1550	<1	<1	<10	<0.5	<3	<0.5	7
99073	31519	31519N	<1	12	1	9	<1	<1	1700	<1	<1	<10	<0.5	3	<0.5	3
99055	31465	31465N	<1	22	24	8	<1	<1	1500	<1	<1	<10	<0.5	4	<0.5	4
99051	31425	31425N	<1	7	3	5	<1	<1	1480	<1	<1	<10	<0.5	<3	<0.5	3
99047	31385	31385N	<1	14	5	8	<1	<1	1520	<1	<1	<10	<0.5	<3	<0.5	4
99043	31340	31340N	<1	11	4	9	<1	<1	1630	<1	<1	<10	<0.5	3	<0.5	6
99037	31295	31295N	<1	10	4	6	<1	<1	1840	<1	<1	<10	<0.5	7	<0.5	5
99032	31250	31250N	<1	13	11	6	1	<1	2240	<1	<1	<10	0.7	5	<0.5	5
99027	31205	31205N	<1	15	11	<5	<1	<1	3110	<1	<1	<10	0.6	4	<0.5	6
99022	31160	31160N	<1	29	6	16	12	<1	2060	<1	3	<10	4.5	4	<0.5	11
99017	31115	31115N	<1	48	13	21	28	<1	2050	<1	6	<10	6.7	47	<0.5	12
99012	31070	31070N	<1	38	19	<5	4	<1	1780	<1	<1	<10	11.3	31	<0.5	16
Line 99100E																
99100E	30775	30775N	<1	9	1	12	3	<1	2430	<1	1	<10	<0.5	<3	<0.5	2
99100E	30825	30825N	<1	30	<1	5	1	<1	3260	<1	<1	<10	<0.5	8	<0.5	1
99100E	30875	30875N	<1	36	3	151	37	<1	760	<1	7	<10	13.1	609	<0.5	6
99100E	30925	30925N	<1	56	<1	99	90	<1	1690	<1	19	<10	4.5	5	<0.5	5
99100E	30975	30975N	<1	19	<1	17	2	<1	3180	<1	<1	<10	<0.5	<3	<0.5	2
99100E	31025	31025N	<1	13	2	9	2	<1	1990	<1	<1	<10	<0.5	<3	<0.5	<1
99100E	31075	31075N	<1	30	<1	17	5	<1	1700	<1	1	<10	0.7	<3	<0.5	2
99100E	31125	31125N	<1	13	<1	13	3	<1	1830	<1	<1	<10	0.6	<3	<0.5	4
99100E	31175	31175N	<1	47	2	19	6	<1	2800	<1	1	<10	1.9	4	<0.5	11
99100E	31225	31225N	<1	32	<1	18	5	<1	2300	<1	1	<10	1	<3	<0.5	9
99100E	31275	31275N	<1	17	1	25	6	<1	1750	<1	1	<10	2.2	<3	<0.5	11
99100E	31325	31325N	<1	27	5	24	5	<1	3300	<1	1	<10	2.8	<3	<0.5	33
99100E	31375	31375N	<1	24	27	515	48	<1	1930	<1	8	<10	14.9	163	<0.5	944
99100E	31425	31425N	<1	20	3	10	3	<1	2750	<1	<1	<10	0.5	<3	<0.5	3
99100E	31475	31475N	<1	26	7	8	2	<1	3100	<1	<1	<10	<0.5	<3	<0.5	3
99100E	31525	31525N	<1	52	1	10	2	<1	3110	<1	<1	<10	<0.5	<3	<0.5	3
99100E	31575	31575N	<1	11	2	8	<1	<1	2950	<1	<1	<10	<0.5	<3	<0.5	4
99100E	31625	31625N	<1	12	2	37	14	<1	5220	<1	3	<10	1.4	<3	<0.5	11

ANALYTE			W	Y	Yb	Zn	Zr
DETECTION			1	5	1	20	5
UNITS			PPB	PPB	PPB	PPB	PPB
Grid 1							
Line 99075E							
99137	32055	32055N	<1	72	10	530	<5
99135	32005	32005N	<1	42	4	130	6
99132	31956	31956N	<1	13	3	470	<5
99135	31915	31915N	<1	97	6	<20	6
99134	31873	31873N	<1	21	3	470	<5
99124	31825	31825N	<1	16	2	610	<5
99113	31777	31777N	<1	11	2	20	<5
99110	31725	31725N	<1	<5	<1	160	<5
99107	31674	31674N	<1	5	1	80	<5
99099	31623	31623N	<1	19	4	100	<5
99091	31572	31572N	<1	7	2	30	<5
99073	31519	31519N	<1	6	1	40	<5
99055	31465	31465N	<1	9	2	2580	<5
99051	31425	31425N	<1	6	2	30	<5
99047	31385	31385N	<1	6	1	220	<5
99043	31340	31340N	<1	10	2	400	<5
99037	31295	31295N	<1	11	1	120	<5
99032	31250	31250N	<1	17	1	140	<5
99027	31205	31205N	<1	10	<1	90	<5
99022	31160	31160N	<1	139	11	<20	9
99017	31115	31115N	<1	183	16	240	14
99012	31070	31070N	<1	17	1	110	7
Line 99100E							
99100E	30775	30775N	<1	42	3	80	<5
99100E	30825	30825N	<1	11	<1	140	<5
99100E	30875	30875N	<1	179	15	460	35
99100E	30925	30925N	<1	600	48	200	11
99100E	30975	30975N	<1	33	2	80	<5
99100E	31025	31025N	<1	19	1	230	<5
99100E	31075	31075N	<1	35	3	400	<5
99100E	31125	31125N	<1	23	2	250	<5
99100E	31175	31175N	<1	41	4	290	6
99100E	31225	31225N	<1	48	4	210	<5
99100E	31275	31275N	<1	49	5	350	<5
99100E	31325	31325N	<1	43	4	180	5
99100E	31375	31375N	<1	225	33	540	76
99100E	31425	31425N	<1	29	2	140	<5
99100E	31475	31475N	<1	19	2	280	<5
99100E	31525	31525N	1	14	1	20	<5
99100E	31575	31575N	<1	16	2	150	<5
99100E	31625	31625N	<1	114	8	120	<5

ANALYTE			Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy
DETECTION			1	1	10	0.1	10	1	10	1	5	5	100	10	1
UNITS			PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB
99100E	31675	31675N	489	10	2340	134	130	<1	680	16	<5	151	<100	3830	4
99100E	31725	31725N	50	12	70	4.2	380	<1	670	8	28	384	<100	2360	11
Line 99200E															
99200E	30375	30375N	37	27	<10	3.6	430	<1	380	6	<5	44	<100	2290	7
99200E	30425	30425N	24	148	200	0.6	1310	<1	160	18	80	159	100	430	11
99200E	30475	30475N	29	124	160	0.4	500	<1	170	7	26	51	<100	290	3
99200E	30525	30525N	99	6	30	5.6	110	<1	150	24	<5	37	<100	1040	2
99200E	30575	30575N													
99200E	30625	30625N	94	23	50	5.6	200	<1	290	34	<5	114	<100	2190	2
99200E	30675	30675N	128	14	30	14.3	220	<1	260	52	<5	120	<100	1700	2
99200E	30725	30725N	77	38	90	14.7	250	<1	230	24	12	37	<100	1430	20
99200E	30775	30775N	68	90	210	4.1	400	<1	220	29	129	65	<100	1570	58
99200E	30825	30825N	120	26	30	8.6	260	<1	290	41	20	136	<100	1460	22
99200E	30875	30875N	5	82	40	0.2	770	<1	230	81	19	69	<100	170	4
99200E	30925	30925N	197	13	40	17.2	240	<1	270	23	<5	33	<100	1010	3
99200E	30975	30975N	96	54	40	4	410	<1	330	9	31	31	<100	370	8
99200E	31025	31025N	25	70	120	12.5	850	<1	230	2	57	48	<100	420	9
99200E	31075	31075N	144	57	80	46.5	590	<1	370	11	86	90	<100	1030	57
99200E	31125	31125N	150	83	720	250	310	<1	250	10	80	86	<100	1310	48
99200E	31175	31175N	205	24	120	111	360	<1	360	11	9	60	<100	1860	6
99200E	31225	31225N	409	4	20	18.9	110	<1	260	9	<5	371	<100	2050	3
99200E	31275	31275N	127	8	50	32.2	100	<1	260	18	<5	188	<100	2280	1
99200E	31325	31325N	143	15	30	30.2	70	<1	270	10	<5	102	<100	1170	2
99200E	31375	31375N	143	15	30	14.5	260	<1	290	46	7	128	<100	4100	3
99200E	31425	31425N	60	8	60	3.1	330	<1	230	28	7	61	<100	2500	3
99200E	31475	31475N	27	20	20	1.6	240	<1	330	77	20	254	<100	2520	6
99200E	31525	31525N	150	49	<10	3	710	<1	370	161	91	300	<100	5610	14
99200E	31575	31575N	16	17	30	0.8	210	<1	190	112	10	125	<100	7080	5
99200E	31625	31625N													
99200E	31675	31675N	161	12	450	21.2	160	<1	490	25	<5	148	<100	3170	2
99200E	31725	31725N	268	20	240	56.3	120	<1	510	37	<5	76	<100	9090	5
Line 99300E															
99300E	30425	30425N	107	11	<10	4.2	410	<1	240	7	<5	23	<100	1330	3
99300E	30475	30475N	95	66	150	5	470	<1	130	6	141	98	<100	1370	30
99300E	30525	30525N	108	11	40	3.5	350	<1	240	44	11	137	<100	2000	3
99300E	30575	30575N													
99300E	30625	30625N	164	30	70	4.6	250	<1	220	22	56	191	<100	1590	45
99300E	30675	30675N	61	34	70	6.4	480	<1	310	37	57	85	<100	3320	20
99300E	30725	30725N	99	22	<10	8.4	400	<1	340	75	22	119	<100	2040	9
99300E	30775	30775N	181	16	30	15.9	180	<1	220	28	<5	53	<100	1300	2
99300E	30825	30825N	58	79	110	3.5	510	<1	290	43	137	48	<100	1360	35
99300E	30875	30875N	261	92	190	11.3	690	<1	170	24	170	46	<100	2060	55
99300E	30925	30925N	103	75	230	11.1	460	<1	180	14	111	57	<100	1220	30
99300E	30975	30975N	161	24	70	12.5	270	<1	320	17	15	41	<100	1760	10

ANALYTE			Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr
DETECTION			0.5	0.5	1	1	1	5	1	5	0.5	1	5	10	1	1
UNITS			PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99100E	31675	31675N	2.3	1	12	5	<1	<5	70	11	<0.5	4	420	20	2	<1
99100E	31725	31725N	5.5	3.8	12	16	16	<5	114	<5	<0.5	35	451	<10	<1	5
Line 99200E																
99200E	30375	30375N	4.3	0.8	7	6	<1	<5	49	5	<0.5	<1	108	<10	<1	<1
99200E	30425	30425N	4.8	3.3	126	13	24	<5	20	9	1.8	37	267	160	<1	8
99200E	30475	30475N	1.6	1	83	4	9	<5	12	11	1.5	12	88	50	<1	3
99200E	30525	30525N	0.8	0.5	4	2	<1	<5	6	11	<0.5	3	118	<10	<1	<1
99200E	30575	30575N														
99200E	30625	30625N	1.2	0.5	9	3	<1	<5	10	56	<0.5	1	335	<10	<1	<1
99200E	30675	30675N	1.2	<0.5	5	3	<1	<5	18	50	<0.5	<1	276	20	<1	<1
99200E	30725	30725N	9	6.2	6	31	12	<5	21	43	<0.5	39	275	20	<1	6
99200E	30775	30775N	27.6	20.4	69	83	79	<5	30	19	1.3	193	692	100	<1	34
99200E	30825	30825N	10.7	6.4	8	30	13	7	58	28	<0.5	38	699	340	1	5
99200E	30875	30875N	2.1	1	64	4	6	<5	35	12	1.2	10	307	70	<1	2
99200E	30925	30925N	1.2	0.7	3	4	<1	<5	42	40	<0.5	3	100	10	<1	<1
99200E	30975	30975N	3.6	2.8	24	11	10	<5	25	6	<0.5	24	162	30	<1	4
99200E	31025	31025N	4.1	2.7	37	10	11	<5	25	6	<0.5	24	152	50	<1	4
99200E	31075	31075N	27.1	17.2	15	74	44	<5	48	<5	<0.5	112	748	80	1	19
99200E	31125	31125N	21.5	14.1	41	59	31	<5	17	<5	<0.5	100	281	90	<1	17
99200E	31175	31175N	3	2.1	15	9	4	<5	18	<5	<0.5	13	205	<10	<1	2
99200E	31225	31225N	1.5	0.6	6	3	<1	<5	114	5	<0.5	1	3500	<10	4	<1
99200E	31275	31275N	0.7	<0.5	8	1	<1	<5	41	6	<0.5	1	640	40	<1	<1
99200E	31325	31325N	1	0.5	5	2	<1	<5	24	6	<0.5	2	470	30	<1	<1
99200E	31375	31375N	1.6	0.8	10	3	1	5	28	23	<0.5	4	431	30	<1	<1
99200E	31425	31425N	1.6	0.9	8	4	2	179	103	28	<0.5	6	261	20	<1	<1
99200E	31475	31475N	3.7	1.9	27	7	6	<5	100	44	<0.5	16	1440	50	<1	3
99200E	31525	31525N	6.6	4.8	16	19	12	<5	68	28	<0.5	36	3270	200	<1	6
99200E	31575	31575N	5.2	1.2	32	5	4	<5	29	141	<0.5	11	3220	90	<1	2
99200E	31625	31625N														
99200E	31675	31675N	1.1	<0.5	9	2	<1	<5	32	26	<0.5	1	526	<10	<1	<1
99200E	31725	31725N	4	<0.5	9	4	<1	<5	158	16	<0.5	<1	867	<10	2	<1
Line 99300E																
99300E	30425	30425N	1.4	<0.5	3	2	2	19	30	19	2.2	3	136	10	<1	<1
99300E	30475	30475N	12	9.9	53	38	44	<5	19	16	2.3	97	147	100	<1	18
99300E	30525	30525N	1.3	1.1	6	5	3	<5	22	132	<0.5	7	305	40	<1	1
99300E	30575	30575N														
99300E	30625	30625N	21	17.9	18	70	50	<5	31	21	<0.5	158	570	20	<1	24
99300E	30675	30675N	9.8	6.7	29	28	23	<5	52	22	<0.5	54	589	40	<1	10
99300E	30725	30725N	4	2.7	7	13	6	<5	56	33	<0.5	16	745	30	<1	2
99300E	30775	30775N	1	<0.5	4	2	<1	<5	11	31	<0.5	1	165	<10	<1	<1
99300E	30825	30825N	18.2	11.6	52	47	48	<5	25	12	0.7	108	928	70	<1	20
99300E	30875	30875N	24.7	20.3	45	76	74	<5	14	16	0.6	174	227	60	<1	32
99300E	30925	30925N	12	10.1	54	38	34	<5	22	10	1	92	186	50	<1	17
99300E	30975	30975N	4.8	3.7	14	15	8	<5	19	19	<0.5	27	288	10	<1	4

ANALYTE			Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U
DETECTION			1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1
UNITS			PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99100E	31675	31675N	<1	8	10	11	2	<1	5500	<1	<1	<10	<0.5	<3	<0.5	9
99100E	31725	31725N	<1	16	<1	22	11	<1	5190	<1	2	<10	2.3	<3	<0.5	4
Line 99200E																
99200E	30375	30375N	<1	29	<1	23	1	<1	2480	<1	1	<10	1.5	<3	<0.5	18
99200E	30425	30425N	<1	95	3	48	11	<1	620	<1	2	<10	11.6	1180	<0.5	5
99200E	30475	30475N	<1	87	3	24	3	<1	310	<1	<1	<10	6.6	826	<0.5	4
99200E	30525	30525N	<1	13	<1	8	1	<1	410	<1	<1	<10	<0.5	4	<0.5	2
99200E	30575	30575N														
99200E	30625	30625N	<1	11	<1	9	<1	<1	850	<1	<1	<10	1.4	<3	<0.5	9
99200E	30675	30675N	<1	<5	<1	9	<1	<1	910	<1	<1	<10	<0.5	<3	<0.5	8
99200E	30725	30725N	<1	27	<1	13	16	<1	840	<1	4	<10	2.1	<3	<0.5	15
99200E	30775	30775N	<1	31	3	75	60	<1	640	<1	12	<10	18.9	824	<0.5	16
99200E	30825	30825N	<1	7	<1	15	15	<1	1310	<1	4	<10	3.6	14	<0.5	12
99200E	30875	30875N	<1	40	<1	22	3	<1	680	<1	<1	<10	3.2	464	<0.5	3
99200E	30925	30925N	<1	11	<1	6	2	<1	1460	<1	<1	<10	<0.5	<3	<0.5	7
99200E	30975	30975N	<1	47	<1	19	8	<1	970	<1	2	<10	5.6	72	<0.5	4
99200E	31025	31025N	<1	79	2	32	8	<1	1040	<1	2	<10	9.3	345	<0.5	5
99200E	31075	31075N	<1	21	<1	86	43	<1	1700	<1	11	<10	14.9	17	<0.5	10
99200E	31125	31125N	<1	73	2	76	39	<1	1170	<1	9	<10	6.7	55	<0.5	5
99200E	31175	31175N	<1	57	<1	23	5	<1	2290	<1	1	<10	1.9	4	<0.5	4
99200E	31225	31225N	<1	26	<1	33	1	<1	940	<1	<1	<10	<0.5	<3	<0.5	1
99200E	31275	31275N	<1	15	<1	10	<1	<1	910	<1	<1	<10	<0.5	<3	<0.5	2
99200E	31325	31325N	<1	12	<1	15	<1	<1	650	<1	<1	<10	<0.5	<3	<0.5	2
99200E	31375	31375N	<1	9	<1	12	2	<1	870	<1	<1	<10	0.9	<3	<0.5	10
99200E	31425	31425N	<1	27	<1	9	2	<1	870	<1	<1	<10	1.7	22	<0.5	7
99200E	31475	31475N	<1	10	2	15	5	<1	1320	<1	1	<10	7.2	14	<0.5	33
99200E	31525	31525N	<1	6	2	19	13	<1	1930	<1	3	<10	7.6	<3	<0.5	155
99200E	31575	31575N	<1	9	14	46	3	<1	370	<1	<1	<10	3.8	13	<0.5	132
99200E	31625	31625N														
99200E	31675	31675N	<1	13	3	15	<1	<1	1320	<1	<1	<10	<0.5	<3	<0.5	5
99200E	31725	31725N	<1	11	3	38	<1	<1	3130	<1	<1	<10	<0.5	<3	<0.5	5
Line 99300E																
99300E	30425	30425N	<1	30	<1	9	<1	1	1380	3	<1	30	2.3	<3	2.9	8
99300E	30475	30475N	<1	57	4	97	30	<1	650	<1	6	<10	21.8	1310	0.9	11
99300E	30525	30525N	<1	11	<1	8	3	<1	950	<1	<1	<10	1.7	9	0.6	10
99300E	30575	30575N														
99300E	30625	30625N	<1	31	2	62	50	<1	900	<1	9	<10	10.5	84	<0.5	11
99300E	30675	30675N	<1	29	2	31	19	<1	1150	<1	4	<10	16.8	89	0.6	34
99300E	30725	30725N	<1	17	<1	15	7	<1	1520	<1	2	<10	5.1	3	0.5	15
99300E	30775	30775N	<1	16	<1	9	<1	<1	900	<1	<1	<10	<0.5	<3	<0.5	18
99300E	30825	30825N	<1	27	2	57	34	<1	930	<1	7	<10	18.6	237	<0.5	25
99300E	30875	30875N	<1	42	3	148	57	<1	640	<1	11	<10	14.7	251	<0.5	16
99300E	30925	30925N	<1	52	6	97	30	<1	670	<1	6	<10	20.4	719	<0.5	10
99300E	30975	30975N	<1	16	1	26	9	<1	880	<1	2	<10	4.7	55	<0.5	11

ANALYTE			W	Y	Yb	Zn	Zr
DETECTION			1	5	1	20	5
UNITS			PPB	PPB	PPB	PPB	PPB
99100E	31675	31675N	<1	25	2	380	<5
99100E	31725	31725N	<1	55	4	40	<5
Line 99200E							
99200E	30375	30375N	<1	39	4	40	5
99200E	30425	30425N	<1	49	4	840	41
99200E	30475	30475N	<1	14	1	280	28
99200E	30525	30525N	<1	12	<1	110	<5
99200E	30575	30575N					
99200E	30625	30625N	<1	13	1	80	<5
99200E	30675	30675N	<1	13	1	60	<5
99200E	30725	30725N	<1	117	6	110	<5
99200E	30775	30775N	1	307	22	330	42
99200E	30825	30825N	<1	134	8	410	<5
99200E	30875	30875N	<1	21	2	2400	15
99200E	30925	30925N	<1	16	<1	40	<5
99200E	30975	30975N	<1	34	3	130	8
99200E	31025	31025N	<1	39	3	30	18
99200E	31075	31075N	<1	334	19	60	18
99200E	31125	31125N	<1	201	16	120	16
99200E	31175	31175N	<1	36	2	200	<5
99200E	31225	31225N	<1	17	1	50	<5
99200E	31275	31275N	<1	8	<1	510	<5
99200E	31325	31325N	<1	14	<1	70	<5
99200E	31375	31375N	2	20	1	220	<5
99200E	31425	31425N	11	20	2	230	6
99200E	31475	31475N	<1	41	4	370	7
99200E	31525	31525N	<1	72	6	720	24
99200E	31575	31575N	<1	36	8	1940	29
99200E	31625	31625N					
99200E	31675	31675N	<1	13	1	180	<5
99200E	31725	31725N	<1	40	4	210	<5
Line 99300E							
99300E	30425	30425N	3	14	1	30	<5
99300E	30475	30475N	2	116	9	90	49
99300E	30525	30525N	3	19	1	180	<5
99300E	30575	30575N					
99300E	30625	30625N	1	266	16	250	21
99300E	30675	30675N	<1	122	8	150	20
99300E	30725	30725N	<1	53	3	140	5
99300E	30775	30775N	<1	8	<1	200	<5
99300E	30825	30825N	<1	209	15	300	34
99300E	30875	30875N	<1	255	20	240	35
99300E	30925	30925N	1	102	9	210	47
99300E	30975	30975N	<1	63	4	60	11

ANALYTE			Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy
DETECTION			1	1	10	0.1	10	1	10	1	5	5	100	10	1
UNITS			PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB
99300E	31025	31025N	93	31	90	29.1	230	<1	170	13	17	34	<100	820	62
99300E	31075	31075N	98	9	30	17.1	230	<1	200	44	<5	39	<100	420	1
99300E	31125	31125N	552	69	60	38.7	330	<1	260	11	77	28	<100	1590	46
99300E	31175	31175N	157	4	10	55.7	110	<1	260	9	<5	136	<100	800	2
99300E	31225	31225N	173	6	70	57.7	90	<1	210	8	<5	52	<100	1030	1
99300E	31275	31275N	106	94	30	33	570	<1	440	12	141	122	<100	1090	151
99300E	31325	31325N	36	109	50	1.8	340	<1	190	26	156	25	<100	2200	78
99300E	31375	31375N	156	15	110	24.1	170	<1	390	11	<5	99	<100	1330	4
99300E	31425	31425N	30	81	90	3.6	530	<1	350	12	33	20	<100	1590	17
99300E	31475	31475N	53	51	110	15.7	240	<1	310	14	19	19	<100	1670	17
99300E	31525	31525N	16	77	40	2.9	340	<1	300	17	33	29	<100	1240	16
99300E	31575	31575N	67	102	<10	0.8	270	<1	270	33	12	33	<100	630	9
99300E	31625	31625N	45	7	90	2.8	370	<1	360	25	9	31	<100	2230	3
99300E	31675	31675N	92	28	40	11.8	310	<1	290	23	13	17	<100	1940	10
99300E	31725	31725N	33	18	130	1.2	350	<1	280	42	35	552	<100	5740	10
99300E	31775	31775N	77	28	70	9.3	160	<1	390	15	<5	21	<100	930	1
99300E	31825	31825N	48	70	100	3.3	300	<1	360	63	28	22	<100	1740	5
99300E	31875	31875N	154	48	100	1.9	280	<1	290	95	36	15	<100	1460	11
99300E	31925	31925N	129	9	10	1.4	220	<1	360	56	<5	11	<100	740	5
99300E	31975	31975N	54	92	50	0.2	550	<1	250	115	48	31	<100	630	8
99300E	32025	32025N	224	65	<10	0.6	570	<1	390	36	63	10	<100	1610	29
Line 99400E															
99400E	30375	30375N	132	47	20	7.3	450	<1	380	22	160	212	<100	1160	74
99400E	30425	30425N	29	142	150	3	1050	<1	190	8	218	53	<100	750	22
99400E	30475	30475N	65	26	30	2.6	740	<1	290	11	35	221	<100	600	4
99400E	30525	30525N	33	85	140	0.7	840	<1	210	10	32	51	<100	280	5
99400E	30575	30575N	53	12	20	4.7	440	<1	350	36	8	229	<100	650	3
99400E	30625	30625N	54	124	100	1.1	750	<1	160	10	79	43	<100	270	10
99400E	30675	30675N													
99400E	30725	30725N	252	15	20	4.5	960	<1	370	17	53	149	<100	890	17
99400E	30775	30775N	31	199	90	0.2	780	<1	170	78	36	110	<100	300	8
99400E	30825	30825N	45	251	370	1.6	1670	<1	100	23	79	335	200	760	13
99400E	30875	30875N	56	188	270	0.3	1460	<1	140	56	68	164	<100	700	9
99400E	30925	30925N	47	256	250	2.1	1430	<1	50	27	56	221	200	410	6
99400E	30975	30975N	30	76	130	0.5	320	<1	230	87	59	41	<100	380	12
99400E	31025	31025N	90	132	120	1.5	1450	<1	240	63	403	79	<100	900	101
99400E	31075	31075N	14	244	450	0.5	1070	<1	60	24	54	153	200	260	5
99400E	31125	31125N	43	136	140	1.1	660	<1	210	28	114	63	<100	570	27
99400E	31175	31175N	102	15	10	4.6	170	<1	520	23	9	659	<100	1380	7
99400E	31225	31225N	59	122	110	0.4	650	<1	170	40	54	80	<100	210	8
99400E	31275	31275N	30	247	210	0.2	1430	<1	80	22	37	124	100	280	5
99400E	31325	31325N	42	120	90	0.4	470	<1	230	54	37	97	<100	200	4
99400E	31375	31375N	31	119	130	<0.1	1090	<1	170	89	35	92	<100	220	4
99400E	31425	31425N	27	297	180	0.3	1820	1	30	19	342	174	200	470	19

ANALYTE			Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr
DETECTION			0.5	0.5	1	1	1	5	1	5	0.5	1	5	10	1	1
UNITS			PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99300E	31025	31025N	29.2	22.8	12	98	40	<5	43	8	<0.5	166	607	40	1	23
99300E	31075	31075N	<0.5	0.5	2	2	1	<5	5	55	<0.5	4	118	20	<1	<1
99300E	31125	31125N	22	15.8	23	62	42	<5	141	7	<0.5	111	1290	70	<1	19
99300E	31175	31175N	1.1	0.6	5	2	<1	<5	40	6	<0.5	2	120	<10	<1	<1
99300E	31225	31225N	0.6	<0.5	4	1	<1	<5	37	7	<0.5	2	156	50	1	<1
99300E	31275	31275N	86.4	36.8	14	155	53	<5	97	<5	<0.5	174	680	40	<1	28
99300E	31325	31325N	37.7	21.4	21	86	44	<5	46	8	<0.5	143	549	100	<1	24
99300E	31375	31375N	1.9	0.8	6	4	<1	<5	14	11	<0.5	3	170	<10	<1	<1
99300E	31425	31425N	7.7	5.2	16	20	15	<5	41	<5	<0.5	38	148	20	<1	7
99300E	31475	31475N	8.1	5.8	16	22	10	<5	41	6	<0.5	34	258	20	<1	5
99300E	31525	31525N	7.9	5.3	26	21	21	<5	36	8	<0.5	50	342	40	<1	9
99300E	31575	31575N	4.7	2.2	23	8	6	<5	26	<5	<0.5	15	306	10	<1	3
99300E	31625	31625N	1.7	1.2	9	5	4	13	28	20	<0.5	10	263	20	<1	2
99300E	31675	31675N	4	3.9	7	15	10	<5	26	42	<0.5	30	203	20	<1	5
99300E	31725	31725N	5.5	4	74	15	14	<5	33	72	<0.5	39	1440	90	<1	7
99300E	31775	31775N	0.9	<0.5	7	1	<1	<5	28	6	<0.5	<1	114	<10	<1	<1
99300E	31825	31825N	2.8	1.7	27	7	6	<5	12	50	<0.5	15	366	10	<1	3
99300E	31875	31875N	5.6	4.3	27	18	18	<5	29	33	<0.5	44	366	20	<1	8
99300E	31925	31925N	2.2	1.3	4	6	<1	<5	25	27	<0.5	5	152	<10	1	<1
99300E	31975	31975N	3.8	2.1	31	9	11	<5	58	17	<0.5	21	476	30	<1	4
99300E	32025	32025N	13.3	8.8	12	37	27	<5	79	12	<0.5	76	980	<10	<1	13
Line 99400E																
99400E	30375	30375N	38.9	20.2	28	87	57	<5	44	8	1.5	149	725	110	<1	26
99400E	30425	30425N	9.3	6.9	67	25	41	<5	24	6	1.7	70	216	170	<1	15
99400E	30475	30475N	1.9	1.4	11	6	6	<5	33	9	<0.5	14	108	20	<1	2
99400E	30525	30525N	2.4	1.7	71	7	13	<5	26	7	1.1	19	98	80	<1	4
99400E	30575	30575N	1.2	1.1	5	5	1	7	11	21	<0.5	5	249	70	<1	<1
99400E	30625	30625N	4.2	2.9	85	11	30	<5	13	6	2.1	38	256	150	<1	9
99400E	30675	30675N														
99400E	30725	30725N	7.9	6.2	10	25	16	<5	46	11	<0.5	48	159	40	<1	8
99400E	30775	30775N	4	2.2	180	8	13	<5	14	6	2.8	22	148	280	<1	5
99400E	30825	30825N	6	3.6	283	13	24	8	13	15	3.2	36	245	190	<1	8
99400E	30875	30875N	4.2	2.2	190	8	17	5	13	8	1.9	25	217	200	<1	6
99400E	30925	30925N	2.9	1.7	325	6	20	19	9	12	7.2	22	95	150	<1	5
99400E	30975	30975N	5.6	3.9	87	15	19	<5	34	12	1.6	40	193	200	<1	8
99400E	31025	31025N	50.8	30.5	81	125	159	<5	36	5	0.8	309	572	590	<1	63
99400E	31075	31075N	2.6	1.7	293	6	20	7	8	12	5.3	23	114	250	<1	5
99400E	31125	31125N	12.8	9.1	77	35	47	<5	29	8	1	92	366	150	<1	19
99400E	31175	31175N	4.7	1.5	11	7	1	<5	74	9	<0.5	6	661	10	1	<1
99400E	31225	31225N	3.4	2.5	99	9	21	<5	18	8	1.9	29	265	170	<1	7
99400E	31275	31275N	2.2	1.4	325	5	14	<5	7	10	5.6	18	103	310	<1	4
99400E	31325	31325N	1.5	1	108	4	8	<5	17	7	1.1	12	247	340	<1	3
99400E	31375	31375N	1.8	1.3	186	5	16	<5	19	11	3.6	17	157	380	<1	4
99400E	31425	31425N	7.7	5.4	225	20	65	<5	5	20	3.9	71	395	490	<1	18

ANALYTE			Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U
DETECTION			1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1
UNITS			PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99300E	31025	31025N	<1	37	1	78	60	<1	1000	<1	12	<10	4.3	53	<0.5	8
99300E	31075	31075N	<1	12	<1	<5	1	<1	800	<1	<1	<10	<0.5	<3	<0.5	2
99300E	31125	31125N	<1	24	3	124	42	<1	1310	<1	9	<10	16.4	24	<0.5	14
99300E	31175	31175N	<1	20	<1	12	1	<1	680	<1	<1	<10	<0.5	<3	<0.5	1
99300E	31225	31225N	<1	15	<1	9	<1	<1	850	<1	<1	<10	<0.5	<3	<0.5	1
99300E	31275	31275N	<1	14	<1	256	79	<1	1320	<1	25	<10	8	<3	<0.5	12
99300E	31325	31325N	<1	58	<1	127	58	<1	550	<1	14	<10	17.3	30	<0.5	23
99300E	31375	31375N	<1	12	<1	13	2	<1	900	<1	<1	<10	<0.5	<3	<0.5	6
99300E	31425	31425N	<1	50	<1	26	13	<1	1000	<1	3	<10	5.3	6	<0.5	5
99300E	31475	31475N	<1	50	<1	21	14	<1	1000	<1	3	<10	7.7	5	<0.5	9
99300E	31525	31525N	<1	26	<1	24	16	<1	850	<1	3	<10	11.2	50	<0.5	9
99300E	31575	31575N	<1	54	<1	26	5	<1	620	<1	1	<10	2.9	37	<0.5	5
99300E	31625	31625N	<1	18	<1	10	3	<1	1060	<1	<1	<10	1	18	<0.5	4
99300E	31675	31675N	<1	25	<1	7	11	<1	1240	<1	2	<10	6.7	<3	<0.5	26
99300E	31725	31725N	<1	11	7	32	12	<1	1210	<1	2	<10	13.7	61	<0.5	43
99300E	31775	31775N	<1	25	<1	6	<1	<1	1100	<1	<1	<10	<0.5	<3	<0.5	3
99300E	31825	31825N	<1	33	2	15	5	<1	1040	<1	1	<10	6.4	21	<0.5	8
99300E	31875	31875N	<1	82	3	18	13	<1	820	<1	2	<10	7.1	67	<0.5	10
99300E	31925	31925N	<1	9	<1	12	3	<1	990	<1	<1	<10	<0.5	<3	<0.5	6
99300E	31975	31975N	<1	77	2	26	7	<1	950	<1	2	<10	12.7	28	<0.5	10
99300E	32025	32025N	<1	37	<1	31	24	<1	1880	<1	6	<10	8.4	<3	<0.5	10
Line 99400E																
99400E	30375	30375N	<1	15	2	80	55	<1	1530	2	13	<10	13.6	37	<0.5	12
99400E	30425	30425N	<1	83	9	72	21	<1	930	<1	4	<10	17.7	878	<0.5	5
99400E	30475	30475N	<1	43	<1	8	5	<1	1290	<1	<1	<10	3.2	19	<0.5	4
99400E	30525	30525N	<1	39	2	22	5	<1	610	<1	<1	<10	6.5	448	<0.5	3
99400E	30575	30575N	<1	10	<1	6	2	<1	1340	<1	<1	<10	1.3	<3	<0.5	3
99400E	30625	30625N	<1	116	<1	24	10	<1	750	<1	2	<10	8.9	1010	<0.5	3
99400E	30675	30675N														
99400E	30725	30725N	<1	44	<1	23	17	<1	1520	<1	3	<10	4.9	11	<0.5	20
99400E	30775	30775N	<1	30	<1	39	7	<1	620	<1	1	<10	7	1080	<0.5	3
99400E	30825	30825N	<1	98	5	80	11	<1	470	<1	2	<10	18.9	1260	<0.5	7
99400E	30875	30875N	<1	87	3	56	7	<1	460	<1	2	<10	12	907	<0.5	4
99400E	30925	30925N	<1	87	4	53	6	2	260	<1	1	<10	13.5	3450	<0.5	5
99400E	30975	30975N	<1	47	1	22	12	<1	710	<1	2	<10	7.1	777	<0.5	20
99400E	31025	31025N	<1	78	1	113	92	<1	990	<1	18	<10	18	328	<0.5	30
99400E	31075	31075N	<1	71	3	40	6	<1	230	<1	<1	<10	11.6	2010	<0.5	4
99400E	31125	31125N	<1	38	2	52	27	<1	550	<1	5	<10	8.9	550	<0.5	5
99400E	31175	31175N	<1	10	<1	17	3	<1	1190	<1	1	<10	2.1	<3	<0.5	9
99400E	31225	31225N	<1	71	<1	18	7	<1	580	<1	1	<10	5.6	963	<0.5	3
99400E	31275	31275N	<1	57	<1	30	5	<1	320	<1	<1	<10	9.7	1900	<0.5	4
99400E	31325	31325N	<1	78	<1	14	3	<1	720	<1	<1	<10	8.1	494	<0.5	3
99400E	31375	31375N	<1	27	<1	25	4	<1	710	<1	<1	<10	6.2	1600	<0.5	3
99400E	31425	31425N	<1	156	2	70	18	<1	120	<1	4	<10	39.7	1770	<0.5	11

ANALYTE			W	Y	Yb	Zn	Zr
DETECTION			1	5	1	20	5
UNITS			PPB	PPB	PPB	PPB	PPB
99300E	31025	31025N	<1	413	20	80	13
99300E	31075	31075N	<1	8	<1	60	<5
99300E	31125	31125N	<1	267	17	140	24
99300E	31175	31175N	<1	15	<1	70	<5
99300E	31225	31225N	<1	8	<1	130	<5
99300E	31275	31275N	<1	859	62	100	16
99300E	31325	31325N	<1	396	28	400	47
99300E	31375	31375N	<1	24	1	30	<5
99300E	31425	31425N	<1	86	6	260	7
99300E	31475	31475N	<1	94	6	190	10
99300E	31525	31525N	<1	92	7	230	16
99300E	31575	31575N	<1	48	4	2090	10
99300E	31625	31625N	5	20	1	240	<5
99300E	31675	31675N	<1	51	3	140	10
99300E	31725	31725N	<1	60	6	750	24
99300E	31775	31775N	<1	8	<1	60	<5
99300E	31825	31825N	<1	31	2	290	13
99300E	31875	31875N	<1	66	4	270	16
99300E	31925	31925N	<1	32	2	70	<5
99300E	31975	31975N	<1	36	3	940	29
99300E	32025	32025N	<1	156	9	170	13
Line 99400E							
99400E	30375	30375N	3	378	31	230	18
99400E	30425	30425N	1	85	7	260	45
99400E	30475	30475N	<1	20	1	280	6
99400E	30525	30525N	<1	22	2	380	22
99400E	30575	30575N	<1	17	<1	160	<5
99400E	30625	30625N	<1	40	3	280	38
99400E	30675	30675N					
99400E	30725	30725N	<1	93	6	80	8
99400E	30775	30775N	<1	39	3	2230	32
99400E	30825	30825N	1	48	5	2070	77
99400E	30875	30875N	<1	36	3	2740	32
99400E	30925	30925N	2	27	2	790	81
99400E	30975	30975N	<1	55	5	800	24
99400E	31025	31025N	<1	560	39	830	39
99400E	31075	31075N	1	25	2	840	64
99400E	31125	31125N	<1	128	10	820	28
99400E	31175	31175N	<1	45	4	140	<5
99400E	31225	31225N	<1	34	3	510	22
99400E	31275	31275N	<1	20	2	1130	58
99400E	31325	31325N	<1	13	1	1500	24
99400E	31375	31375N	<1	19	1	1760	26
99400E	31425	31425N	1	71	6	560	135

ANALYTE			Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy
DETECTION			1	1	10	0.1	10	1	10	1	5	5	100	10	1
UNITS			PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB
99400E	31475	31475N	45	124	110	0.3	900	<1	230	41	172	95	<100	990	24
99400E	31525	31525N	95	35	40	22.5	440	<1	490	19	58	110	<100	1310	56
99400E	31575	31575N													
99400E	31625	31625N													
99400E	31675	31675N	55	286	520	1.3	1430	<1	100	40	324	251	100	570	19
99400E	31725	31725N	42	135	170	3.5	720	<1	290	40	235	79	<100	1460	94
99400E	31775	31775N	44	67	40	1.2	630	<1	410	139	133	77	<100	1400	45
99400E	31825	31825N	190	47	40	2.1	330	<1	360	224	68	43	<100	1320	36
99400E	31875	31875N	86	15	40	1.5	110	<1	250	120	10	80	<100	1020	11
99400E	31925	31925N	112	15	10	1.7	290	<1	340	105	18	280	<100	1730	13
99400E	31975	31975N	202	18	10	4.9	250	<1	310	143	22	189	<100	2980	29
99400E	32025	32025N	192	147	20	0.5	480	<1	280	181	245	57	<100	4780	218
99400E	32075	32075N	72	86	60	0.4	610	<1	240	25	32	54	<100	330	10
99400E	32125	32125N	56	231	160	0.1	1820	1	30	47	55	228	200	370	7
Line 99600E															
99600E	30375	30375N	276	52	<10	3.9	1660	<1	570	47	59	65	<100	1650	79
99600E	30375	30375N	54	152	110	1.1	1500	<1	180	21	204	97	100	770	81
99600E	30425	30425N	121	45	20	2.2	1100	<1	390	37	42	13	<100	1160	59
99600E	30475	30475N	88	12	<10	6	1490	<1	700	22	18	54	<100	1470	10
99600E	30525	30525N	115	47	<10	3.3	1300	<1	590	33	43	38	<100	1190	64
99600E	30575	30575N	83	58	10	2.6	2070	<1	510	22	88	16	<100	420	21
99600E	30625	30625N	135	46	20	2.3	1600	<1	500	26	82	29	<100	740	43
99600E	30675	30675N	47	93	70	1.5	540	<1	320	34	162	76	100	820	42
99600E	30725	30725N	39	152	170	1.8	2250	<1	190	46	229	133	<100	1140	198
99600E	30775	30775N	22	121	270	2.6	1920	<1	180	15	105	198	<100	740	12
99600E	30825	30825N	61	206	320	0.8	2180	<1	140	35	110	75	<100	390	34
99600E	30875	30875N	28	262	220	<0.1	1690	1	20	37	58	192	200	610	9
99600E	30925	30925N	22	248	240	0.3	2290	<1	30	25	38	118	200	380	7
99600E	30975	30975N	31	102	170	1	1260	<1	240	29	71	137	<100	430	16
99600E	31025	31025N	73	127	140	1.4	2140	<1	210	69	149	132	<100	540	45
99600E	31075	31075N	12	90	50	1.3	1200	<1	420	56	51	56	<100	910	25
99600E	31125	31125N	88	98	100	1.5	1070	<1	230	81	67	42	<100	1270	48
99600E	31175	31175N	63	37	170	1.7	880	<1	290	89	213	86	<100	3110	78
99600E	31225	31225N	171	41	<10	3.8	1170	<1	380	78	167	196	<100	1720	74
99600E	31275	31275N	89	41	<10	0.6	1550	<1	510	89	21	33	<100	260	9
99600E	31325	31325N	77	52	30	0.8	1700	<1	310	35	63	65	<100	650	35
99600E	31375	31375N	119	23	10	1.8	1460	<1	340	65	142	110	<100	1910	39
99600E	31425	31425N	104	39	<10	0.6	1240	<1	370	114	59	41	<100	990	48
99600E	31475	31475N	50	58	<10	0.6	1190	<1	350	113	71	63	<100	920	69
99600E	31525	31525N	55	42	10	0.8	1820	<1	350	54	122	24	<100	1310	68
99600E	31575	31575N	60	57	10	1.1	1600	<1	320	67	265	19	<100	1550	80
99600E	31625	31625N	72	55	10	0.8	1700	<1	310	98	100	15	<100	1190	56
99600E	31675	31675N	26	53	<10	0.4	750	<1	360	198	64	28	<100	1090	29
Line 99800E															

ANALYTE			Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr
DETECTION			0.5	0.5	1	1	1	5	1	5	0.5	1	5	10	1	1
UNITS			PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99400E	31475	31475N	10.9	7.8	89	31	58	<5	38	10	1.1	92	485	340	<1	20
99400E	31525	31525N	28.9	16	14	64	25	<5	74	<5	<0.5	84	474	70	<1	13
99400E	31575	31575N														
99400E	31625	31625N														
99400E	31675	31675N	7.2	6.6	203	23	60	7	9	15	2.1	83	203	580	<1	20
99400E	31725	31725N	43.5	32.3	62	127	128	<5	36	7	0.6	299	487	250	<1	56
99400E	31775	31775N	23.2	14.2	63	57	56	<5	31	7	<0.5	122	1030	100	<1	23
99400E	31825	31825N	16.5	12.4	59	52	37	<5	45	22	<0.5	97	1670	160	<1	17
99400E	31875	31875N	4.4	4.1	13	18	5	<5	26	33	<0.5	25	274	20	<1	3
99400E	31925	31925N	5.8	5.2	9	22	11	<5	37	96	<0.5	36	805	30	<1	6
99400E	31975	31975N	12.2	11.6	8	51	18	<5	44	93	<0.5	70	1310	50	<1	10
99400E	32025	32025N	128	51.7	61	230	131	<5	53	<5	<0.5	408	3740	420	<1	71
99400E	32075	32075N	5	3.3	165	14	19	<5	31	5	0.7	35	352	230	<1	7
99400E	32125	32125N	3.2	2	396	8	20	5	9	18	3.1	28	187	490	<1	6
Line 99600E																
99600E	30375	30375N	44.5	20	14	92	51	<5	134	7	<0.5	128	913	60	<1	19
99600E	30375	30375N	39.2	25.9	152	111	196	<5	22	6	2	304	380	340	<1	58
99600E	30425	30425N	28.2	19.4	22	83	73	<5	61	<5	<0.5	171	375	50	<1	26
99600E	30475	30475N	4.2	3.1	8	14	5	10	45	21	<0.5	18	279	30	<1	2
99600E	30525	30525N	32.4	18.1	14	80	52	<5	74	6	<0.5	129	411	80	<1	19
99600E	30575	30575N	9.4	6.8	22	28	24	<5	52	<5	<0.5	59	207	90	<1	9
99600E	30625	30625N	19	14.2	27	61	58	<5	32	6	<0.5	131	249	70	<1	20
99600E	30675	30675N	21	12.6	67	51	46	<5	21	6	0.7	108	265	220	<1	18
99600E	30725	30725N	96.2	67.7	198	264	371	<5	25	8	1.6	637	698	220	<1	111
99600E	30775	30775N	4.7	4.1	146	15	35	<5	21	10	1.8	46	165	220	<1	9
99600E	30825	30825N	15.9	9.6	230	38	61	<5	10	12	2.8	98	232	200	<1	18
99600E	30875	30875N	4.4	3	458	11	32	13	7	11	8.6	36	122	70	<1	7
99600E	30925	30925N	3.2	2.2	433	7	18	11	4	9	5.2	24	109	120	<1	5
99600E	30975	30975N	7.6	5.3	146	20	26	<5	21	5	1.1	50	238	350	<1	9
99600E	31025	31025N	22.5	14.2	124	58	83	<5	42	6	1.2	144	421	400	<1	26
99600E	31075	31075N	13.8	6.6	147	27	22	<5	38	5	0.7	48	411	90	<1	8
99600E	31125	31125N	23.8	14.8	175	59	66	<5	27	<5	0.9	127	598	220	<1	22
99600E	31175	31175N	39.4	26.8	179	107	125	<5	43	19	1	250	1180	200	<1	42
99600E	31225	31225N	39.5	20.5	26	93	67	<5	50	13	<0.5	155	1500	250	<1	24
99600E	31275	31275N	4.2	3.1	46	13	17	<5	26	<5	<0.5	31	284	90	<1	5
99600E	31325	31325N	16.8	12.3	71	51	68	<5	25	7	<0.5	124	305	210	<1	21
99600E	31375	31375N	18.4	14.1	27	59	55	<5	54	14	<0.5	128	516	90	<1	20
99600E	31425	31425N	22.7	16.4	30	69	67	<5	60	<5	<0.5	150	539	160	<1	24
99600E	31475	31475N	33.9	21.8	27	95	91	<5	53	<5	<0.5	198	767	210	<1	32
99600E	31525	31525N	31.8	21.2	25	92	83	<5	58	6	<0.5	190	655	150	<1	30
99600E	31575	31575N	38.4	24.4	31	105	94	<5	57	<5	<0.5	213	776	210	<1	35
99600E	31625	31625N	27	16.8	34	73	72	<5	39	<5	<0.5	158	605	140	<1	26
99600E	31675	31675N	17	7.3	43	33	26	<5	72	<5	<0.5	58	848	120	<1	9
Line 99800E																

ANALYTE			Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U
DETECTION			1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1
UNITS			PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99400E	31475	31475N	<1	84	<1	36	25	<1	530	<1	4	<10	15	704	<0.5	6
99400E	31525	31525N	<1	17	<1	27	38	<1	990	<1	10	<10	5.8	3	<0.5	9
99400E	31575	31575N														
99400E	31625	31625N														
99400E	31675	31675N	<1	49	3	48	22	<1	370	<1	4	<10	28.6	872	<0.5	8
99400E	31725	31725N	<1	30	1	79	93	<1	830	<1	18	<10	14.8	386	<0.5	27
99400E	31775	31775N	<1	19	<1	40	40	<1	1650	<1	8	<10	5.7	23	<0.5	15
99400E	31825	31825N	<1	19	2	24	36	<1	940	<1	7	<10	6.2	52	<0.5	37
99400E	31875	31875N	<1	12	1	5	12	<1	560	<1	2	<10	1.3	8	<0.5	33
99400E	31925	31925N	<1	9	<1	9	15	<1	890	<1	3	<10	3.2	<3	<0.5	33
99400E	31975	31975N	<1	15	1	17	31	<1	1060	<1	6	<10	3.8	<3	<0.5	67
99400E	32025	32025N	<1	21	<1	160	148	<1	1260	<1	36	<10	16.8	87	<0.5	41
99400E	32075	32075N	<1	25	<1	14	11	<1	800	<1	2	<10	7.4	276	<0.5	5
99400E	32125	32125N	<1	56	1	37	7	<1	330	<1	1	<10	22	1320	<0.5	6
Line 99600E																
99600E	30375	30375N	<1	60	<1	42	51	<1	2960	<1	12	<10	5.2	<3	1.2	39
99600E	30375	30375N	<1	131	2	110	84	<1	640	<1	14	<10	26.7	1170	0.9	11
99600E	30425	30425N	<1	67	<1	32	57	<1	1760	<1	10	<10	8.7	91	<0.5	19
99600E	30475	30475N	<1	40	<1	10	8	<1	3470	<1	2	<10	0.9	<3	<0.5	7
99600E	30525	30525N	<1	35	<1	38	49	<1	2480	<1	10	<10	6.6	<3	<0.5	22
99600E	30575	30575N	<1	70	<1	24	21	<1	1800	<1	4	<10	9.2	50	<0.5	15
99600E	30625	30625N	<1	50	<1	35	43	<1	1590	<1	7	<10	7.9	84	<0.5	16
99600E	30675	30675N	<1	28	1	70	36	<1	760	<1	7	<10	18.8	398	<0.5	18
99600E	30725	30725N	<1	56	2	132	189	<1	640	<1	33	<10	12.9	857	<0.5	11
99600E	30775	30775N	<1	35	2	45	13	<1	570	<1	2	<10	21.6	1260	<0.5	7
99600E	30825	30825N	<1	182	2	68	28	<1	250	<1	5	<10	17.6	1590	<0.5	6
99600E	30875	30875N	<1	48	2	58	10	2	190	<1	1	<10	9.4	4200	<0.5	4
99600E	30925	30925N	<1	94	1	49	7	<1	190	<1	1	<10	10.5	2510	<0.5	4
99600E	30975	30975N	<1	63	1	34	15	<1	1180	<1	3	<10	9.4	703	<0.5	6
99600E	31025	31025N	<1	74	1	69	43	<1	1120	<1	7	<10	15.7	603	<0.5	13
99600E	31075	31075N	<1	36	<1	58	17	<1	1490	<1	4	<10	5.7	251	<0.5	8
99600E	31125	31125N	<1	58	1	58	41	<1	820	<1	8	<10	8.1	530	<0.5	7
99600E	31175	31175N	<1	27	4	94	76	<1	1180	<1	13	<10	23.5	523	<0.5	30
99600E	31225	31225N	<1	19	<1	47	55	<1	1890	<1	12	<10	7.4	14	<0.5	38
99600E	31275	31275N	<1	90	<1	8	9	<1	2020	<1	2	<10	1.8	22	<0.5	7
99600E	31325	31325N	<1	72	<1	29	36	<1	1160	<1	6	<10	7.5	192	<0.5	12
99600E	31375	31375N	<1	47	<1	23	41	<1	1790	<1	7	<10	10.3	37	<0.5	25
99600E	31425	31425N	<1	60	<1	19	49	<1	1770	<1	8	<10	6.6	58	<0.5	25
99600E	31475	31475N	<1	54	<1	20	65	<1	1600	<1	11	<10	5.9	43	<0.5	23
99600E	31525	31525N	<1	83	<1	27	64	<1	1780	<1	11	<10	9.8	89	<0.5	36
99600E	31575	31575N	<1	66	<1	34	71	<1	1690	<1	13	<10	9.9	65	<0.5	36
99600E	31625	31625N	<1	99	<1	31	51	<1	1550	<1	9	<10	9.8	125	<0.5	25
99600E	31675	31675N	<1	48	<1	30	20	<1	1720	<1	4	<10	6	29	<0.5	16
Line 99800E																

ANALYTE			W	Y	Yb	Zn	Zr
DETECTION			1	5	1	20	5
UNITS			PPB	PPB	PPB	PPB	PPB
99400E	31475	31475N	<1	113	8	350	31
99400E	31525	31525N	<1	334	21	210	10
99400E	31575	31575N					
99400E	31625	31625N					
99400E	31675	31675N	1	67	5	1060	74
99400E	31725	31725N	<1	504	29	720	44
99400E	31775	31775N	<1	257	18	1950	14
99400E	31825	31825N	<1	186	12	2180	23
99400E	31875	31875N	<1	54	3	1070	7
99400E	31925	31925N	<1	74	4	420	7
99400E	31975	31975N	<1	154	8	540	9
99400E	32025	32025N	<1	1260	103	1860	36
99400E	32075	32075N	<1	57	4	620	18
99400E	32125	32125N	<1	31	3	1910	59
Line 99600E							
99600E	30375	30375N	<1	406	34	90	17
99600E	30375	30375N	1	398	30	540	67
99600E	30425	30425N	<1	309	21	140	23
99600E	30475	30475N	<1	48	3	20	<5
99600E	30525	30525N	<1	303	24	110	18
99600E	30575	30575N	<1	74	7	190	22
99600E	30625	30625N	<1	200	14	100	24
99600E	30675	30675N	<1	141	17	360	50
99600E	30725	30725N	2	1080	73	750	39
99600E	30775	30775N	<1	36	4	380	67
99600E	30825	30825N	1	126	12	790	77
99600E	30875	30875N	2	32	4	1210	81
99600E	30925	30925N	1	23	3	1190	74
99600E	30975	30975N	<1	54	6	770	27
99600E	31025	31025N	<1	201	18	420	43
99600E	31075	31075N	<1	110	11	920	23
99600E	31125	31125N	<1	214	19	2410	28
99600E	31175	31175N	1	357	33	550	85
99600E	31225	31225N	<1	313	33	210	19
99600E	31275	31275N	<1	43	3	1550	6
99600E	31325	31325N	<1	163	13	610	22
99600E	31375	31375N	<1	196	14	190	25
99600E	31425	31425N	<1	225	18	940	16
99600E	31475	31475N	<1	314	27	890	16
99600E	31525	31525N	<1	307	24	180	26
99600E	31575	31575N	<1	360	31	180	31
99600E	31625	31625N	<1	250	21	540	29
99600E	31675	31675N	<1	142	13	1220	15
Line 99800E							

ANALYTE			Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy
DETECTION			1	1	10	0.1	10	1	10	1	5	5	100	10	1
UNITS			PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB
99800E	30375	30375N	68	72	60	0.9	880	<1	310	35	133	65	<100	420	22
99800E	30425	30425N	54	100	60	2.3	1130	<1	280	36	161	52	<100	1170	65
99800E	30475	30475N	72	10	<10	3.9	610	<1	380	16	23	40	<100	660	10
99800E	30525	30525N	55	193	210	1.2	1520	<1	130	15	117	90	<100	420	14
99800E	30575	30575N	114	159	300	0.9	2330	1	120	27	80	88	<100	360	8
99800E	30625	30625N	27	183	370	0.4	1270	<1	70	14	91	106	<100	330	13
99800E	30675	30675N	36	208	420	0.6	2260	<1	40	28	83	160	<100	270	9
99800E	30725	30725N	56	197	520	2	1660	<1	110	14	125	170	<100	560	11
99800E	30775	30775N	72	218	260	0.4	810	<1	130	27	37	128	<100	360	7
99800E	30825	30825N	33	59	30	4.5	570	<1	240	30	190	249	<100	1310	98
99800E	30875	30875N	73	110	170	0.3	2060	1	190	28	28	61	<100	170	4
99800E	30925	30925N	132	63	60	2.3	690	<1	320	46	130	64	<100	1160	62
99800E	30975	30975N	185	17	<10	2.2	1080	<1	500	67	31	174	<100	1020	6
99800E	31025	31025N	39	18	<10	3.7	680	<1	410	15	24	25	<100	530	15
99800E	31075	31075N	138	47	30	1.5	820	<1	350	34	39	44	<100	590	16
99800E	31125	31125N	74	74	60	0.7	1120	<1	290	33	185	71	<100	500	24
99800E	31175	31175N	233	30	<10	6	620	<1	400	99	103	581	<100	1800	26
99800E	31225	31225N	46	32	50	1.2	870	<1	280	33	166	153	<100	2220	55
99800E	31275	31275N	144	15	<10	1.9	1270	<1	420	48	107	82	<100	1110	17
99800E	31325	31325N	111	19	10	0.8	890	<1	410	36	216	244	<100	1290	13
99800E	31375	31375N													
99800E	31425	31425N	21	162	60	0.1	770	<1	120	20	40	98	<100	140	4
99800E	31475	31475N	16	166	90	<0.1	1730	<1	200	53	32	89	<100	250	4
99800E	31525	31525N	38	194	110	0.2	1410	<1	130	86	160	111	<100	840	15
99800E	31575	31575N	113	67	<10	0.8	700	<1	390	153	150	32	<100	1610	112
99800E	31625	31625N	37	95	80	0.5	1230	<1	130	18	99	127	<100	410	32
99800E	31675	31675N	51	121	30	0.4	710	<1	270	87	177	97	<100	1160	121
99800E	31725	31725N	51	58	100	1.2	850	<1	200	44	274	98	<100	1760	91
99800E	31775	31775N	36	197	160	0.2	1230	1	120	45	151	217	<100	830	17
99800E	31825	31825N	13	167	250	1.1	2250	1	100	22	400	246	<100	790	27
99800E	31875	31875N	19	231	150	0.5	1780	2	120	66	147	469	200	480	15
Line 100000E															
100000E	30425	30425N	32	121	20	0.3	1540	<1	220	230	129	24	<100	810	63
100000E	30475	30475N	118	114	180	1.4	3070	<1	100	45	126	47	<100	650	51
100000E	30525	30525N	85	126	120	1.6	2820	1	120	26	94	66	<100	700	16
100000E	30575	30575N	50	153	130	0.5	3500	<1	150	155	26	162	<100	250	7
100000E	30625	30625N	30	182	150	1.4	2440	<1	60	50	91	74	<100	330	17
100000E	30675	30675N	67	150	170	2.7	1760	<1	120	35	86	57	<100	490	31
100000E	30725	30725N	44	117	210	3.2	2230	<1	50	23	413	96	<100	1000	92
100000E	30775	30775N	22	104	30	0.5	1050	<1	280	91	39	58	<100	540	29
100000E	30825	30825N	103	86	80	2.4	820	<1	300	49	49	29	200	1200	41
100000E	30875	30875N	3	45	<10	0.2	350	<1	420	96	14	43	<100	550	20
100000E	30925	30925N	4	34	<10	0.1	240	<1	450	157	5	22	<100	210	7
100000E	30975	30975N	4	33	<10	0.1	330	<1	390	427	<5	45	<100	760	4

ANALYTE			Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr
DETECTION			0.5	0.5	1	1	1	5	1	5	0.5	1	5	10	1	1
UNITS			PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99800E	30375	30375N	10.2	7.3	57	29	41	<5	42	5	0.7	78	262	160	<1	15
99800E	30425	30425N	30.6	20.7	47	84	104	<5	47	6	0.6	204	455	130	<1	41
99800E	30475	30475N	4.5	3.4	8	14	8	<5	28	18	<0.5	26	140	20	<1	4
99800E	30525	30525N	6.1	4.5	154	17	35	<5	7	12	2.7	53	236	260	<1	12
99800E	30575	30575N	3.8	2.6	199	11	28	<5	15	14	3.5	34	215	220	<1	8
99800E	30625	30625N	5.8	4.1	206	16	31	8	12	12	3.9	50	221	260	<1	11
99800E	30675	30675N	4.2	2.6	210	10	23	<5	3	17	6.4	32	182	250	<1	7
99800E	30725	30725N	4.7	3.3	151	12	33	<5	15	15	3	42	145	200	<1	10
99800E	30775	30775N	2.9	1.8	182	7	13	5	10	8	2.9	19	218	160	<1	4
99800E	30825	30825N	51.6	32.7	15	138	162	<5	50	8	<0.5	315	708	210	<1	59
99800E	30875	30875N	1.7	1.2	199	5	13	<5	25	7	3.4	15	178	290	<1	3
99800E	30925	30925N	28.9	22.1	29	85	78	<5	37	8	<0.5	176	314	110	<1	32
99800E	30975	30975N	2.8	1.6	7	7	3	<5	40	41	<0.5	10	504	50	<1	2
99800E	31025	31025N	6.5	4.9	9	20	13	<5	50	17	<0.5	35	204	50	<1	6
99800E	31075	31075N	6.6	5.9	28	23	23	<5	32	5	<0.5	54	226	100	<1	10
99800E	31125	31125N	8.8	8.8	65	34	62	<5	21	7	1.5	105	216	230	<1	22
99800E	31175	31175N	13.7	7.4	13	34	20	<5	42	39	<0.5	52	1520	180	<1	9
99800E	31225	31225N	23.2	19.6	29	76	93	<5	37	8	0.5	203	179	70	<1	38
99800E	31275	31275N	7.1	5.6	11	24	18	<5	40	17	<0.5	48	209	70	<1	8
99800E	31325	31325N	5.7	4.8	37	19	26	<5	33	18	<0.5	54	301	80	<1	11
99800E	31375	31375N														
99800E	31425	31425N	1.6	1.1	146	4	18	<5	8	7	3.1	18	49	140	<1	5
99800E	31475	31475N	1.7	1.2	181	5	17	<5	15	7	3.6	18	71	170	<1	4
99800E	31525	31525N	6.8	4.5	169	18	34	<5	11	12	2.6	57	232	290	<1	13
99800E	31575	31575N	54.3	34	16	148	123	<5	69	9	<0.5	290	839	100	<1	53
99800E	31625	31625N	13.6	11.9	99	45	112	<5	23	8	1.3	160	224	210	<1	36
99800E	31675	31675N	53.6	39.7	60	167	230	<5	42	5	0.6	426	431	450	<1	87
99800E	31725	31725N	40.7	32	96	130	197	<5	49	15	0.8	366	543	350	<1	75
99800E	31775	31775N	7.5	5.3	209	20	46	<5	13	16	2.8	67	418	340	<1	16
99800E	31825	31825N	11.2	8.3	192	31	88	<5	15	25	4.3	117	260	600	<1	28
99800E	31875	31875N	6.6	4.9	301	19	45	5	24	17	4.4	63	235	760	<1	14
Line 100000E																
100000E	30425	30425N	31.2	15.1	89	64	53	<5	23	<5	<0.5	118	583	160	<1	20
100000E	30475	30475N	22.5	18	168	70	119	<5	14	10	5.4	197	505	270	<1	36
100000E	30525	30525N	6.7	4.9	170	20	42	<5	31	8	2	53	352	340	<1	11
100000E	30575	30575N	3.2	2	303	7	13	<5	18	8	3.1	20	351	160	<1	4
100000E	30625	30625N	6.9	5.7	176	21	43	<5	5	11	1.9	61	193	230	<1	12
100000E	30675	30675N	14.1	11.3	176	46	82	<5	19	12	3.5	129	346	270	<1	24
100000E	30725	30725N	40.6	32.5	157	129	219	<5	13	19	3.4	376	354	350	1	70
100000E	30775	30775N	15.2	7.5	115	33	32	<5	38	5	1.1	67	298	270	<1	11
100000E	30825	30825N	18.1	15.3	54	61	65	<5	43	11	0.8	134	636	130	<1	27
100000E	30875	30875N	16.2	3.8	13	18	11	<5	59	<5	<0.5	24	183	120	<1	4
100000E	30925	30925N	4.4	1.5	8	7	3	<5	62	<5	<0.5	9	355	80	<1	1
100000E	30975	30975N	4.8	<0.5	165	2	1	<5	39	<5	<0.5	3	342	20	<1	<1

ANALYTE			Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U
DETECTION			1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1
UNITS			PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99800E	30375	30375N	<1	78	<1	27	23	<1	1420	<1	4	<10	10.2	302	<0.5	14
99800E	30425	30425N	<1	81	1	53	62	<1	1080	<1	12	<10	12.1	290	<0.5	21
99800E	30475	30475N	<1	36	<1	9	10	<1	1720	<1	2	<10	2	<3	<0.5	11
99800E	30525	30525N	<1	76	2	32	15	<1	380	<1	3	<10	15	1620	<0.5	5
99800E	30575	30575N	<1	78	2	37	9	<1	400	<1	2	<10	16.3	1850	<0.5	4
99800E	30625	30625N	<1	61	2	59	13	<1	240	<1	2	<10	15.2	1960	<0.5	4
99800E	30675	30675N	<1	67	2	43	9	<1	130	<1	2	<10	14.5	2020	<0.5	5
99800E	30725	30725N	<1	85	2	38	11	<1	250	<1	2	<10	16.1	1910	<0.5	5
99800E	30775	30775N	<1	80	<1	35	6	<1	260	<1	1	<10	9.3	1260	<0.5	4
99800E	30825	30825N	<1	35	<1	86	95	<1	1090	<1	18	<10	6.9	39	<0.5	12
99800E	30875	30875N	<1	68	<1	17	4	<1	560	<1	<1	<10	6.2	1440	<0.5	3
99800E	30925	30925N	<1	56	<1	22	60	<1	1200	<1	11	<10	6.2	108	<0.5	32
99800E	30975	30975N	<1	34	<1	6	4	<1	2220	<1	1	<10	1.7	<3	<0.5	13
99800E	31025	31025N	<1	25	<1	11	13	<1	1800	<1	3	<10	2.8	5	<0.5	14
99800E	31075	31075N	<1	50	<1	12	18	<1	1480	<1	3	<10	8.4	191	<0.5	11
99800E	31125	31125N	<1	78	1	19	29	<1	1800	<1	5	<10	12.1	992	<0.5	7
99800E	31175	31175N	<1	25	1	23	20	<1	2100	<1	5	<10	6	3	<0.5	33
99800E	31225	31225N	<1	56	<1	16	62	<1	1430	<1	11	<10	15	434	<0.5	10
99800E	31275	31275N	<1	30	<1	9	17	<1	2180	<1	3	<10	6.7	6	<0.5	12
99800E	31325	31325N	<1	41	<1	12	16	<1	1850	<1	3	<10	10.4	35	<0.5	15
99800E	31375	31375N														
99800E	31425	31425N	<1	56	<1	15	5	<1	400	<1	<1	<10	8.2	1610	<0.5	3
99800E	31475	31475N	<1	30	<1	25	5	<1	540	<1	<1	<10	9.1	2060	<0.5	4
99800E	31525	31525N	<1	67	1	45	15	<1	360	<1	3	<10	22.2	1980	<0.5	8
99800E	31575	31575N	<1	50	<1	28	102	<1	1750	<1	20	<10	6.9	16	<0.5	114
99800E	31625	31625N	<1	60	<1	34	40	<1	590	<1	6	<10	12.8	939	<0.5	10
99800E	31675	31675N	<1	78	<1	36	123	<1	990	<1	23	<10	9.7	326	<0.5	12
99800E	31725	31725N	<1	56	2	47	102	<1	830	<1	18	<10	19.2	472	<0.5	36
99800E	31775	31775N	<1	59	2	47	18	<1	320	<1	3	<10	27.3	1850	<0.5	9
99800E	31825	31825N	<1	75	4	97	29	<1	380	<1	5	<10	42.4	3750	<0.5	13
99800E	31875	31875N	<1	61	2	41	17	<1	480	<1	3	<10	20.6	2530	<0.5	8
Line 100000E																
100000E	30425	30425N	<1	37	<1	61	41	<1	860	<1	9	<10	7.6	232	<0.5	6
100000E	30475	30475N	<1	82	1	65	54	<1	400	<1	9	<10	12.5	1540	<0.5	5
100000E	30525	30525N	<1	118	<1	56	16	<1	540	<1	3	<10	16.8	957	<0.5	6
100000E	30575	30575N	<1	43	<1	32	6	<1	460	<1	1	<10	6.5	1530	<0.5	3
100000E	30625	30625N	<1	113	1	46	17	<1	180	<1	3	<10	13.4	1070	<0.5	5
100000E	30675	30675N	<1	57	2	36	35	<1	370	<1	6	<10	10.7	2390	<0.5	5
100000E	30725	30725N	<1	92	5	144	105	<1	200	<1	16	<10	36.6	2730	0.6	13
100000E	30775	30775N	<1	30	<1	41	22	<1	800	<1	4	<10	5.9	552	<0.5	8
100000E	30825	30825N	<1	80	1	38	45	1	820	<1	8	<10	14.8	438	<0.5	16
100000E	30875	30875N	<1	20	<1	8	10	<1	1900	<1	3	<10	0.7	<3	<0.5	60
100000E	30925	30925N	<1	10	<1	<5	4	<1	2100	<1	<1	<10	<0.5	<3	<0.5	19
100000E	30975	30975N	<1	6	<1	8	1	<1	2140	<1	<1	<10	<0.5	<3	<0.5	116

ANALYTE			W	Y	Yb	Zn	Zr
DETECTION			1	5	1	20	5
UNITS			PPB	PPB	PPB	PPB	PPB
99800E	30375	30375N	<1	111	8	800	22
99800E	30425	30425N	<1	325	24	610	30
99800E	30475	30475N	<1	57	3	40	<5
99800E	30525	30525N	1	62	5	1090	52
99800E	30575	30575N	1	39	3	1480	66
99800E	30625	30625N	1	57	5	480	59
99800E	30675	30675N	1	38	4	2000	67
99800E	30725	30725N	1	44	4	1060	58
99800E	30775	30775N	<1	27	3	1060	47
99800E	30825	30825N	<1	544	40	220	16
99800E	30875	30875N	<1	17	1	1910	29
99800E	30925	30925N	<1	340	21	340	16
99800E	30975	30975N	<1	32	2	230	<5
99800E	31025	31025N	<1	72	5	90	<5
99800E	31075	31075N	<1	69	5	170	16
99800E	31125	31125N	<1	85	6	1350	25
99800E	31175	31175N	<1	130	11	230	9
99800E	31225	31225N	<1	244	16	460	22
99800E	31275	31275N	<1	87	5	460	7
99800E	31325	31325N	<1	66	5	240	14
99800E	31375	31375N					
99800E	31425	31425N	<1	15	1	610	32
99800E	31475	31475N	<1	19	1	1330	41
99800E	31525	31525N	<1	61	5	1580	47
99800E	31575	31575N	<1	596	41	570	15
99800E	31625	31625N	<1	145	11	1130	30
99800E	31675	31675N	<1	651	36	900	17
99800E	31725	31725N	<1	465	31	350	48
99800E	31775	31775N	1	65	6	1370	62
99800E	31825	31825N	2	94	9	860	126
99800E	31875	31875N	<1	62	6	1590	57
Line 100000E							
100000E	30425	30425N	<1	253	21	3410	17
100000E	30475	30475N	1	199	18	940	67
100000E	30525	30525N	<1	46	5	640	75
100000E	30575	30575N	<1	27	3	1910	43
100000E	30625	30625N	<1	53	5	1040	60
100000E	30675	30675N	1	138	11	480	48
100000E	30725	30725N	2	341	33	580	138
100000E	30775	30775N	<1	118	13	1760	20
100000E	30825	30825N	<1	222	12	430	31
100000E	30875	30875N	<1	104	16	1840	<5
100000E	30925	30925N	<1	38	4	960	<5
100000E	30975	30975N	<1	30	5	2890	<5

ANALYTE			Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy
DETECTION			1	1	10	0.1	10	1	10	1	5	5	100	10	1
UNITS			PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB
100000E	31025	31025N	4	44	<10	0.3	780	<1	590	247	30	37	<100	690	29
100000E	31075	31075N	216	63	10	0.9	980	<1	340	55	35	31	<100	680	19
100000E	31125	31125N	87	37	<10	0.9	890	<1	520	203	61	71	<100	1300	60
100000E	31175	31175N	97	88	<10	1	800	<1	330	68	280	67	<100	1590	107
100000E	31225	31225N	60	26	10	0.4	1220	<1	350	65	130	67	<100	940	14
100000E	31275	31275N	50	121	50	0.3	1510	<1	230	37	63	48	<100	340	11
100000E	31325	31325N	53	25	<10	0.4	1180	<1	530	65	22	75	<100	610	15
100000E	31375	31375N	68	33	30	2.1	1350	<1	300	25	106	39	<100	1540	65
100000E	31425	31425N	2	13	20	<0.1	140	<1	320	10	13	37	<100	270	4
100000E	31475	31475N	45	6	<10	3.2	630	<1	590	23	31	398	<100	3200	16
100000E	31525	31525N	20	82	20	0.7	1270	<1	280	145	130	40	<100	1530	75
100000E	31575	31575N	54	62	<10	0.8	1420	<1	360	130	178	9	<100	1600	105
100000E	31625	31625N	29	140	90	0.5	2140	<1	160	47	140	261	<100	600	26
100000E	31675	31675N	20	212	90	0.6	2870	<1	70	34	138	154	100	770	14
100000E	31725	31725N	23	129	90	0.6	1870	<1	150	38	271	88	<100	910	62
100000E	31775	31775N	2	218	<10	<0.1	1700	<1	110	74	15	200	<100	310	4
100000E	31825	31825N	9	111	200	0.6	2870	2	110	41	353	281	<100	890	52
100000E	31875	31875N	38	169	40	0.5	1480	<1	150	89	46	154	<100	280	8

Grid 2

Line 32000N															
97600	32000N	97600E	66	137	<10	2	880	<1	440	43	130	79	100	870	37
97650	32000N	97650E	46	175	100	1.2	700	<1	270	33	109	259	200	1160	27
97700	32000N	97700E	21	271	140	0.5	960	<1	40	23	29	284	200	460	6
97750	32000N	97750E	23	226	250	0.2	1100	<1	130	47	46	127	200	800	12
97800	32000N	97800E	24	226	320	0.3	680	<1	90	29	20	277	200	300	5
97850	32000N	97850E	5	161	120	<0.1	640	<1	200	67	8	210	<100	260	2
97900	32000N	97900E	28	150	310	0.8	460	<1	220	34	32	175	<100	670	7
97950	32000N	97950E	18	198	210	0.3	420	<1	210	45	22	135	100	410	5
98000	32000N	98000E	24	171	200	0.7	660	<1	170	27	12	136	100	550	3
98050	32000N	98050E	9	230	220	0.4	830	<1	110	53	26	193	200	470	6
98100	32000N	98100E	46	86	50	1	280	<1	400	40	6	28	<100	350	1
98150	32000N	98150E	10	161	390	0.7	570	<1	200	34	17	404	200	490	5
98200	32000N	98200E	62	188	760	1.7	510	<1	190	38	38	125	<100	680	9
98250	32000N	98250E	31	228	360	1.7	810	<1	60	50	56	191	200	680	10
98300	32000N	98300E	26	166	350	1.3	710	<1	220	59	55	250	100	780	8
98350	32000N	98350E	29	126	270	3.1	610	<1	250	31	80	135	<100	1030	12
98400	32000N	98400E	19	165	280	1.6	500	<1	250	28	20	148	100	710	4
98450	32000N	98450E	26	134	140	0.9	480	<1	270	32	21	91	<100	400	4
98500	32000N	98500E	48	199	170	0.4	520	<1	190	57	20	88	<100	590	6
98550	32000N	98550E	64	205	290	1.8	600	<1	170	26	66	137	100	1060	9
98600	32000N	98600E	4	110	90	0.6	500	<1	290	466	21	64	<100	1520	7
98650	32000N	98650E	102	179	90	1.8	820	<1	270	31	81	103	<100	1330	17
98700	32000N	98700E	54	178	240	4.7	880	<1	220	8	87	74	<100	1290	13

ANALYTE			Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr
DETECTION			0.5	0.5	1	1	1	5	1	5	0.5	1	5	10	1	1
UNITS			PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
100000E	31025	31025N	17	7.4	20	34	20	<5	70	<5	<0.5	50	393	110	<1	8
100000E	31075	31075N	9.6	6.4	53	28	32	<5	22	<5	<0.5	64	155	110	<1	10
100000E	31125	31125N	35	16.6	20	76	61	<5	86	6	<0.5	133	1270	90	<1	21
100000E	31175	31175N	58.7	27.8	25	124	94	<5	31	<5	<0.5	227	663	300	<1	36
100000E	31225	31225N	6.1	5.9	26	24	22	<5	31	20	<0.5	54	200	70	<1	8
100000E	31275	31275N	4.5	3.4	77	13	21	<5	12	8	2	35	114	190	<1	7
100000E	31325	31325N	7.1	4.9	18	21	17	<5	57	6	<0.5	41	327	70	<1	6
100000E	31375	31375N	31.3	22	40	92	83	<5	59	12	<0.5	197	290	170	<1	30
100000E	31425	31425N	2.4	1.5	48	6	13	5	39	61	<0.5	21	185	20	<1	4
100000E	31475	31475N	7.6	4.7	9	21	10	7	73	81	<0.5	29	309	220	<1	4
100000E	31525	31525N	36.8	22.2	42	95	105	<5	49	5	<0.5	218	730	270	<1	38
100000E	31575	31575N	62.7	22.8	11	104	63	<5	60	<5	<0.5	166	754	130	<1	26
100000E	31625	31625N	11.7	8.1	166	33	65	<5	22	14	1.8	98	309	380	<1	19
100000E	31675	31675N	5.6	4.5	161	17	51	<5	10	12	2.2	59	192	500	<1	12
100000E	31725	31725N	27.7	18.9	162	80	138	<5	20	20	2.6	234	304	300	<1	44
100000E	31775	31775N	3.2	0.6	208	2	9	14	27	<5	2	7	157	150	<1	2
100000E	31825	31825N	23.4	17.4	220	72	155	<5	29	37	5.5	232	400	330	<1	45
100000E	31875	31875N	3.2	2.4	138	9	19	<5	12	7	1.8	26	216	220	<1	5

Grid 2

Line 32000N																
97600	32000N	97600E	22.6	9.3	54	39	42	<5	80	<5	<0.5	80	284	1750	<1	16
97650	32000N	97650E	14.9	7.9	104	30	47	<5	37	6	1.1	78	299	340	<1	17
97700	32000N	97700E	3.6	1.5	250	6	11	5	14	5	2.4	16	143	200	<1	4
97750	32000N	97750E	6.5	3.2	186	12	18	<5	21	5	2.5	32	221	190	<1	7
97800	32000N	97800E	3	1.4	230	5	7	<5	16	<5	2.2	13	202	220	<1	3
97850	32000N	97850E	1.3	<0.5	178	2	2	<5	25	<5	1.2	5	119	210	<1	<1
97900	32000N	97900E	3.8	1.9	124	7	10	<5	27	<5	1.4	19	155	150	<1	4
97950	32000N	97950E	2.5	1.1	173	4	7	<5	22	5	2.6	11	128	200	<1	2
98000	32000N	98000E	1.5	0.7	189	3	4	<5	20	<5	2.8	7	247	170	<1	2
98050	32000N	98050E	3.1	1.4	207	5	10	<5	12	<5	3.1	16	166	230	<1	3
98100	32000N	98100E	0.7	<0.5	48	2	2	<5	16	<5	<0.5	4	115	60	<1	<1
98150	32000N	98150E	2.7	1.3	262	5	6	<5	43	5	2.3	12	193	230	<1	2
98200	32000N	98200E	4.6	2.5	151	10	15	6	14	<5	1.5	25	216	160	<1	5
98250	32000N	98250E	4.9	3	182	11	21	5	7	8	2.2	32	167	270	<1	7
98300	32000N	98300E	3.9	2.2	141	9	14	<5	25	5	1.1	23	208	170	<1	5
98350	32000N	98350E	6.1	3.6	80	13	17	<5	60	6	0.6	33	273	180	<1	7
98400	32000N	98400E	2.1	1.1	127	4	6	<5	23	<5	1.2	11	208	130	<1	3
98450	32000N	98450E	2.1	1.2	85	5	6	<5	26	<5	0.5	12	142	130	<1	2
98500	32000N	98500E	3.6	1.4	147	5	8	6	17	5	1.6	13	156	140	<1	3
98550	32000N	98550E	4.2	2.7	123	10	22	<5	21	7	1.9	30	190	220	<1	7
98600	32000N	98600E	5.1	1.6	136	6	5	<5	27	6	0.5	12	458	50	<1	2
98650	32000N	98650E	9.3	5.2	52	19	29	7	26	5	<0.5	50	183	240	<1	10
98700	32000N	98700E	7.4	4	80	15	22	<5	27	7	1	41	144	220	<1	8

ANALYTE			Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U
DETECTION			1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1
UNITS			PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
100000E	31025	31025N	<1	17	<1	12	19	<1	3070	<1	4	<10	2.6	9	<0.5	46
100000E	31075	31075N	<1	87	<1	18	19	<1	1320	<1	3	<10	4.4	146	<0.5	13
100000E	31125	31125N	<1	26	<1	17	46	<1	3240	<1	9	<10	2.4	<3	<0.5	40
100000E	31175	31175N	<1	26	<1	94	80	<1	1560	<1	16	<10	15.2	35	<0.5	81
100000E	31225	31225N	<1	38	<1	6	17	<1	1720	<1	3	<10	3.6	62	<0.5	9
100000E	31275	31275N	<1	106	<1	27	11	<1	820	<1	2	<10	11.8	1080	<0.5	9
100000E	31325	31325N	<1	31	<1	<5	14	<1	2620	<1	2	<10	2.6	<3	<0.5	17
100000E	31375	31375N	<1	48	<1	30	64	<1	1780	<1	11	<10	11.5	159	<0.5	66
100000E	31425	31425N	<1	<5	<1	<5	5	<1	1390	<1	<1	<10	<0.5	6	<0.5	27
100000E	31475	31475N	<1	<5	<1	12	12	<1	3440	<1	3	<10	4.7	<3	<0.5	73
100000E	31525	31525N	<1	103	<1	48	68	<1	1420	<1	12	<10	11.5	246	<0.5	39
100000E	31575	31575N	<1	64	<1	45	64	<1	2080	<1	15	<10	3.9	<3	<0.5	124
100000E	31625	31625N	<1	48	2	42	26	<1	480	<1	4	<10	18.7	1320	<0.5	10
100000E	31675	31675N	<1	98	2	44	15	<1	340	<1	2	<10	26.1	1870	<0.5	7
100000E	31725	31725N	<1	78	2	64	64	<1	390	<1	10	<10	25.9	2300	<0.5	16
100000E	31775	31775N	<1	6	<1	21	2	<1	720	<1	<1	<10	18.7	788	<0.5	3
100000E	31825	31825N	<1	95	3	68	60	<1	480	<1	9	<10	31.3	5500	<0.5	23
100000E	31875	31875N	<1	89	<1	23	7	<1	610	<1	1	<10	11.3	1230	<0.5	5
Grid 2																
Line 32000N																
97600	32000N	97600E	<1	85	<1	135	26	8	1440	<1	6	<10	13.8	36	<0.5	20
97650	32000N	97650E	<1	103	2	94	23	2	830	<1	5	<10	13.5	681	<0.5	9
97700	32000N	97700E	<1	106	2	50	5	2	360	<1	1	<10	8.1	1300	<0.5	3
97750	32000N	97750E	<1	101	3	87	10	2	600	<1	2	<10	12.6	1570	<0.5	5
97800	32000N	97800E	<1	106	3	55	4	1	430	<1	<1	<10	7.5	1350	<0.5	3
97850	32000N	97850E	<1	59	1	28	1	1	820	<1	<1	<10	4.8	737	<0.5	2
97900	32000N	97900E	<1	98	2	48	6	<1	760	<1	1	<10	7.9	921	<0.5	4
97950	32000N	97950E	<1	94	2	40	4	1	790	<1	<1	<10	8.2	1400	<0.5	4
98000	32000N	98000E	<1	90	2	30	2	<1	520	<1	<1	<10	5.7	1350	<0.5	3
98050	32000N	98050E	<1	88	2	38	4	<1	610	<1	<1	<10	8.6	1330	<0.5	4
98100	32000N	98100E	<1	133	<1	10	1	<1	1350	<1	<1	<10	1.1	139	<0.5	3
98150	32000N	98150E	<1	31	5	51	4	<1	1080	<1	<1	<10	7.7	1100	<0.5	4
98200	32000N	98200E	<1	99	4	43	7	<1	700	<1	2	<10	8.6	655	<0.5	4
98250	32000N	98250E	<1	125	3	74	9	<1	260	<1	2	<10	14	1170	<0.5	6
98300	32000N	98300E	<1	82	3	35	7	1	700	<1	1	<10	10.2	808	<0.5	4
98350	32000N	98350E	<1	64	4	40	10	<1	960	<1	2	<10	8.5	427	<0.5	4
98400	32000N	98400E	<1	96	2	27	3	<1	1060	<1	<1	<10	4.6	542	<0.5	3
98450	32000N	98450E	<1	122	2	26	3	<1	1090	<1	<1	<10	5.8	257	<0.5	3
98500	32000N	98500E	<1	106	2	39	4	<1	850	<1	<1	<10	5.6	654	<0.5	3
98550	32000N	98550E	<1	114	5	49	8	<1	670	<1	2	<10	14.9	1250	<0.5	5
98600	32000N	98600E	<1	47	5	56	4	<1	1530	<1	1	<10	4.8	155	<0.5	4
98650	32000N	98650E	<1	125	3	59	15	<1	1130	<1	3	<10	8	168	<0.5	8
98700	32000N	98700E	<1	132	3	47	12	<1	790	<1	2	<10	8.5	646	<0.5	5

ANALYTE			W	Y	Yb	Zn	Zr
DETECTION			1	5	1	20	5
UNITS			PPB	PPB	PPB	PPB	PPB
100000E	31025	31025N	<1	146	14	1080	10
100000E	31075	31075N	<1	96	7	820	16
100000E	31125	31125N	<1	313	31	1840	7
100000E	31175	31175N	<1	498	48	160	37
100000E	31225	31225N	<1	68	4	350	8
100000E	31275	31275N	<1	31	3	880	53
100000E	31325	31325N	<1	74	5	550	5
100000E	31375	31375N	<1	293	25	190	33
100000E	31425	31425N	<1	21	2	440	<5
100000E	31475	31475N	<1	60	6	40	6
100000E	31525	31525N	<1	308	27	950	28
100000E	31575	31575N	<1	446	51	670	17
100000E	31625	31625N	<1	97	9	1280	55
100000E	31675	31675N	<1	42	4	910	75
100000E	31725	31725N	<1	231	20	670	70
100000E	31775	31775N	<1	17	4	1870	13
100000E	31825	31825N	2	204	19	620	91
100000E	31875	31875N	<1	25	3	3700	37

Grid 2

Line 32000N							
97600	32000N	97600E	<1	200	19	290	22
97650	32000N	97650E	<1	137	13	860	32
97700	32000N	97700E	<1	30	3	1000	30
97750	32000N	97750E	1	60	6	1700	44
97800	32000N	97800E	1	27	3	1910	35
97850	32000N	97850E	<1	10	1	3440	18
97900	32000N	97900E	1	34	3	730	27
97950	32000N	97950E	1	21	2	1410	33
98000	32000N	98000E	1	13	1	1340	31
98050	32000N	98050E	1	26	3	2330	36
98100	32000N	98100E	<1	7	<1	470	6
98150	32000N	98150E	3	23	3	870	27
98200	32000N	98200E	1	41	4	1120	31
98250	32000N	98250E	2	41	4	1160	39
98300	32000N	98300E	1	34	3	1880	21
98350	32000N	98350E	<1	53	5	720	19
98400	32000N	98400E	<1	19	2	1600	14
98450	32000N	98450E	<1	19	2	1860	14
98500	32000N	98500E	<1	33	3	2210	24
98550	32000N	98550E	1	38	4	760	38
98600	32000N	98600E	<1	44	5	12600	<5
98650	32000N	98650E	<1	89	8	760	17
98700	32000N	98700E	<1	64	6	190	28

ANALYTE			Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy
DETECTION			1	1	10	0.1	10	1	10	1	5	5	100	10	1
UNITS			PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB
98750	32000N	98750E	78	153	210	1.1	640	<1	290	15	18	60	<100	1020	5
98800	32000N	98800E	38	196	870	1.8	720	<1	190	18	62	176	200	1780	14
98850	32000N	98850E	40	261	320	0.5	880	<1	120	22	33	98	100	570	10
98900	32000N	98900E	60	71	450	2.8	890	<1	310	16	163	112	<100	1790	31
98950	32000N	98950E	68	107	210	1	930	<1	270	40	51	108	<100	510	24
99000	32000N	99000E	112	41	20	3.5	750	<1	360	23	33	30	<100	790	35
99050	32000N	99050E	59	105	210	2.6	1400	<1	280	35	22	100	<100	280	4
99100	32000N	99100E	15	126	110	0.4	1370	<1	330	78	66	105	<100	430	18
99150	32000N	99150E	137	13	10	2.1	330	<1	410	85	<5	164	<100	1270	8
Line 32200N															
97675	32200N	97675E	7	70	70	0.8	610	<1	330	42	24	81	200	1770	8
97700	32200N	97700E	42	155	360	0.9	640	<1	170	20	19	99	300	540	5
97750	32200N	97750E	11	175	240	0.6	490	<1	250	9	28	112	200	940	6
97800	32200N	97800E	11	173	200	0.4	560	<1	190	28	19	134	200	540	4
97850	32200N	97850E	19	84	30	1.5	550	<1	390	8	34	52	<100	1200	5
97900	32200N	97900E	29	158	200	1	460	<1	300	13	18	51	100	460	3
97950	32200N	97950E	16	158	270	1.2	550	<1	250	24	38	131	100	1740	6
98000	32200N	98000E	16	170	380	1.5	750	<1	220	32	34	136	200	760	5
98050	32200N	98050E	4	177	220	1	690	<1	160	57	16	120	100	670	4
98100	32200N	98100E	28	162	220	0.9	540	<1	280	57	69	157	100	780	15
98150	32200N	98150E	20	80	100	1.5	190	<1	420	87	12	38	<100	470	2
98200	32200N	98200E	130	147	310	4.4	650	<1	310	173	62	141	<100	900	5
98250	32200N	98250E	23	221	380	2.5	830	<1	170	19	82	168	200	990	11
98300	32200N	98300E	17	142	340	1.6	610	<1	300	11	24	255	100	780	5
98350	32200N	98350E	10	142	120	0.4	530	<1	210	19	18	198	100	590	4
98400	32200N	98400E	23	231	820	0.9	880	<1	140	23	39	210	300	890	7
98450	32200N	98450E	11	125	790	1.7	1360	<1	230	26	46	237	200	790	5
98500	32200N	98500E	19	242	550	0.4	590	<1	100	25	39	173	300	850	7
98550	32200N	98550E	83	42	330	7.9	220	<1	510	11	9	36	<100	1450	2
98600	32200N	98600E	37	183	920	0.5	640	<1	220	13	31	150	200	690	6
98650	32200N	98650E	169	16	50	9.5	370	<1	490	35	<5	515	<100	4550	4
98700	32200N	98700E	46	43	<10	1	190	<1	340	83	<5	10	<100	1170	10
98750	32200N	98750E	52	183	380	2.3	1050	<1	210	41	138	193	100	710	47
98800	32200N	98800E	37	175	260	0.5	1770	<1	200	40	57	165	100	370	11
98850	32200N	98850E	53	108	520	4.1	360	<1	180	30	234	93	<100	2360	80
98900	32200N	98900E	97	143	210	0.8	530	<1	270	44	30	58	<100	410	5
98950	32200N	98950E	41	132	180	0.3	930	<1	270	35	42	81	<100	300	9
99000	32200N	99000E	198	21	<10	9.4	450	<1	480	17	<5	8	<100	870	2
99050	32200N	99050E	140	54	40	1	430	<1	400	53	8	23	<100	830	2
Line 32400N															
97700	32400N	97700E	73	182	370	1.1	590	<1	170	14	45	64	100	750	15
97750	32400N	97750E	19	198	130	0.2	660	<1	140	43	16	148	200	480	7
97800	32400N	97800E													
97850	32400N	97850E	12	186	70	<0.1	700	<1	150	92	18	110	<100	760	9

ANALYTE			Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr
DETECTION			0.5	0.5	1	1	1	5	1	5	0.5	1	5	10	1	1
UNITS			PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98750	32000N	98750E	2.7	1.2	78	5	6	<5	23	6	0.7	11	83	140	<1	2
98800	32000N	98800E	7.5	3.6	165	13	18	<5	23	9	1.6	32	352	300	<1	6
98850	32000N	98850E	5.2	2.4	137	9	13	<5	8	<5	1.5	21	146	180	<1	4
98900	32000N	98900E	15.1	9.8	62	39	43	<5	45	11	0.6	86	122	240	<1	16
98950	32000N	98950E	12.7	8	92	31	44	<5	28	7	1	81	232	140	<1	16
99000	32000N	99000E	17.5	10.1	12	44	27	<5	49	8	<0.5	78	129	130	<1	13
99050	32000N	99050E	1.8	1.2	82	5	8	<5	19	10	0.9	13	147	140	<1	3
99100	32000N	99100E	9.9	4.8	106	19	23	<5	21	13	0.8	46	626	280	<1	9
99150	32000N	99150E	5.5	0.8	5	6	<1	<5	96	47	<0.5	1	542	60	1	<1
Line 32200N																
97675	32200N	97675E	4.8	2	122	8	8	<5	29	9	0.7	16	639	50	<1	3
97700	32200N	97700E	2.8	1.3	239	5	8	<5	21	7	2.4	13	244	170	<1	3
97750	32200N	97750E	3.1	1.5	142	6	11	<5	18	9	1.4	16	191	140	<1	4
97800	32200N	97800E	2.4	1	242	4	7	<5	21	9	2.5	11	251	120	<1	2
97850	32200N	97850E	2.5	1.5	30	6	9	<5	41	<5	<0.5	16	108	80	<1	3
97900	32200N	97900E	1.6	0.8	130	3	7	<5	10	6	1.2	9	92	80	<1	2
97950	32200N	97950E	2.8	1.6	144	6	10	<5	17	9	1.6	15	193	140	<1	3
98000	32200N	98000E	2.9	1.6	213	6	13	<5	15	12	2.3	18	158	160	<1	4
98050	32200N	98050E	2.4	1	233	4	8	<5	17	8	2.8	11	260	120	<1	2
98100	32200N	98100E	6.8	4.7	153	17	34	<5	21	7	1.5	50	213	90	<1	11
98150	32200N	98150E	0.8	0.6	33	2	3	<5	20	<5	<0.5	7	147	30	<1	1
98200	32200N	98200E	2.1	1.3	78	5	9	<5	32	5	0.8	14	205	480	<1	3
98250	32200N	98250E	5.1	3	205	11	27	<5	16	9	2.2	33	167	250	<1	8
98300	32200N	98300E	2.3	1.2	155	5	9	<5	37	<5	0.9	14	332	130	<1	3
98350	32200N	98350E	1.9	0.9	143	4	7	<5	17	6	1.4	10	264	110	<1	2
98400	32200N	98400E	3.8	2	246	7	15	<5	16	7	2.1	21	276	200	<1	5
98450	32200N	98450E	2.6	1.6	149	6	12	<5	20	7	1.3	18	240	250	<1	4
98500	32200N	98500E	3.7	2.1	267	8	18	5	16	9	2.8	23	333	130	<1	5
98550	32200N	98550E	0.8	0.7	27	2	3	<5	18	<5	<0.5	7	134	10	<1	1
98600	32200N	98600E	3	1.6	197	6	12	<5	23	9	2.1	17	231	130	<1	4
98650	32200N	98650E	2.6	0.5	6	4	<1	<5	57	64	<0.5	<1	738	30	1	<1
98700	32200N	98700E	8.7	1.7	3	9	3	<5	89	<5	<0.5	10	770	20	<1	2
98750	32200N	98750E	24.2	13.4	211	54	78	<5	19	7	1.4	134	358	440	<1	28
98800	32200N	98800E	5.4	3.3	220	13	24	<5	15	12	1.7	38	214	310	<1	8
98850	32200N	98850E	37.6	26.8	173	112	129	<5	25	26	3.1	290	410	520	<1	54
98900	32200N	98900E	2.3	1.6	137	6	12	<5	13	10	1.6	18	230	80	<1	4
98950	32200N	98950E	4.2	2.1	173	9	14	<5	24	11	1.5	22	357	130	<1	5
99000	32200N	99000E	2.6	<0.5	2	<1	<1	<5	193	6	<0.5	<1	348	<10	<1	<1
99050	32200N	99050E	1	0.7	15	3	3	<5	30	20	<0.5	7	203	10	<1	1
Line 32400N																
97700	32400N	97700E	8.3	4.2	133	16	19	<5	24	5	2.1	37	62	160	<1	7
97750	32400N	97750E	4.2	1.5	220	6	6	7	19	<5	2.4	12	140	180	<1	2
97800	32400N	97800E														
97850	32400N	97850E	6.9	1.2	187	6	5	<5	27	<5	2.2	11	169	210	<1	2

ANALYTE			Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U
DETECTION			1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1
UNITS			PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98750	32000N	98750E	<1	128	3	30	3	<1	1070	<1	<1	<10	4.7	403	<0.5	5
98800	32000N	98800E	<1	113	12	85	10	2	640	<1	2	<10	12.4	1210	<0.5	6
98850	32000N	98850E	<1	90	2	63	6	<1	520	<1	2	<10	7.8	880	<0.5	4
98900	32000N	98900E	<1	76	7	40	28	<1	1420	<1	6	<10	10	400	<0.5	10
98950	32000N	98950E	<1	102	2	31	23	<1	980	<1	5	<10	6.7	367	<0.5	6
99000	32000N	99000E	<1	36	<1	33	29	<1	1400	<1	6	<10	6.5	14	<0.5	21
99050	32000N	99050E	<1	69	2	17	4	<1	1010	<1	<1	<10	5.8	449	<0.5	4
99100	32000N	99100E	<1	48	2	57	14	<1	1190	<1	3	<10	10.9	366	<0.5	5
99150	32000N	99150E	<1	5	<1	13	1	<1	1720	<1	1	<10	<0.5	<3	<0.5	14
Line 32200N																
97675	32200N	97675E	<1	51	4	63	5	<1	670	<1	1	<10	5.4	224	<0.5	6
97700	32200N	97700E	<1	94	4	64	4	<1	310	<1	<1	<10	6.9	1680	<0.5	5
97750	32200N	97750E	<1	108	3	50	5	<1	610	<1	<1	<10	9.8	1030	<0.5	4
97800	32200N	97800E	<1	72	1	45	3	<1	670	<1	<1	<10	6.6	1240	<0.5	4
97850	32200N	97850E	<1	50	<1	22	5	<1	2550	<1	<1	<10	5	67	<0.5	3
97900	32200N	97900E	<1	83	2	32	2	<1	690	<1	<1	<10	5.4	682	<0.5	3
97950	32200N	97950E	<1	90	4	41	5	<1	730	<1	<1	<10	7	909	<0.5	4
98000	32200N	98000E	<1	92	3	46	5	<1	450	<1	1	<10	8.3	1450	<0.5	5
98050	32200N	98050E	<1	81	2	42	3	<1	460	<1	<1	<10	6.6	1660	<0.5	4
98100	32200N	98100E	<1	90	3	55	14	<1	640	<1	3	<10	9	870	<0.5	5
98150	32200N	98150E	<1	92	<1	10	2	<1	1080	<1	<1	<10	2	77	<0.5	3
98200	32200N	98200E	<1	86	9	38	4	<1	1110	<1	<1	<10	9.6	565	<0.5	5
98250	32200N	98250E	<1	144	6	63	10	<1	690	<1	2	<10	17.7	1580	<0.5	6
98300	32200N	98300E	<1	90	3	45	4	<1	1850	<1	<1	<10	6.5	499	<0.5	3
98350	32200N	98350E	<1	116	2	33	3	<1	750	<1	<1	<10	5.5	677	<0.5	3
98400	32200N	98400E	<1	102	5	66	6	<1	560	<1	1	<10	9.6	1060	<0.5	5
98450	32200N	98450E	<1	89	11	47	5	<1	840	<1	1	<10	8	778	<0.5	4
98500	32200N	98500E	<1	129	6	67	7	<1	390	<1	1	<10	8.7	1520	<0.5	7
98550	32200N	98550E	<1	75	2	10	2	<1	3020	<1	<1	<10	2.7	17	<0.5	4
98600	32200N	98600E	<1	92	6	48	5	<1	830	<1	<1	<10	8.3	1050	<0.5	4
98650	32200N	98650E	<1	27	2	17	1	<1	3450	<1	<1	<10	0.5	5	<0.5	8
98700	32200N	98700E	<1	41	<1	18	4	<1	3060	<1	1	<10	<0.5	<3	<0.5	50
98750	32200N	98750E	<1	70	5	138	41	<1	670	<1	8	<10	19.8	538	<0.5	27
98800	32200N	98800E	<1	102	2	49	11	<1	490	<1	2	<10	13.1	807	<0.5	8
98850	32200N	98850E	<1	51	8	159	88	<1	540	<1	16	<10	26.4	2370	<0.5	19
98900	32200N	98900E	<1	68	2	24	5	<1	510	<1	<1	<10	8.3	615	<0.5	6
98950	32200N	98950E	<1	54	4	44	7	<1	740	<1	2	<10	13.4	489	<0.5	6
99000	32200N	99000E	<1	26	<1	18	<1	<1	5840	<1	<1	<10	<0.5	<3	<0.5	11
99050	32200N	99050E	<1	48	2	11	2	2	920	<1	<1	<10	3	12	<0.5	7
Line 32400N																
97700	32400N	97700E	<1	116	3	78	12	3	570	<1	3	<10	8	1510	<0.5	5
97750	32400N	97750E	<1	99	1	60	4	4	540	<1	1	<10	5.8	1480	<0.5	4
97800	32400N	97800E														
97850	32400N	97850E	<1	72	<1	70	4	3	720	<1	1	<10	7.7	1470	<0.5	4

ANALYTE			W	Y	Yb	Zn	Zr
DETECTION			1	5	1	20	5
UNITS			PPB	PPB	PPB	PPB	PPB
98750	32000N	98750E	<1	22	2	270	18
98800	32000N	98800E	2	65	7	310	38
98850	32000N	98850E	<1	43	4	540	28
98900	32000N	98900E	<1	149	12	190	22
98950	32000N	98950E	<1	139	10	1530	10
99000	32000N	99000E	<1	183	13	270	10
99050	32000N	99050E	<1	17	2	2110	19
99100	32000N	99100E	<1	86	8	1010	26
99150	32000N	99150E	<1	41	4	220	6
Line 32200N							
97675	32200N	97675E	<1	45	5	550	22
97700	32200N	97700E	2	24	3	450	45
97750	32200N	97750E	1	27	3	240	50
97800	32200N	97800E	<1	23	2	900	45
97850	32200N	97850E	<1	27	2	280	17
97900	32200N	97900E	<1	14	1	220	33
97950	32200N	97950E	<1	25	3	520	36
98000	32200N	98000E	1	26	3	820	53
98050	32200N	98050E	1	21	2	1990	42
98100	32200N	98100E	<1	70	5	1170	36
98150	32200N	98150E	<1	8	<1	850	9
98200	32200N	98200E	<1	18	2	5490	32
98250	32200N	98250E	1	45	4	310	51
98300	32200N	98300E	<1	22	2	440	24
98350	32200N	98350E	<1	17	2	640	29
98400	32200N	98400E	1	33	3	870	53
98450	32200N	98450E	<1	23	2	550	31
98500	32200N	98500E	1	35	3	630	46
98550	32200N	98550E	<1	7	<1	100	7
98600	32200N	98600E	<1	26	3	540	31
98650	32200N	98650E	<1	25	2	<20	<5
98700	32200N	98700E	<1	90	8	310	<5
98750	32200N	98750E	<1	267	20	740	55
98800	32200N	98800E	<1	53	4	1570	40
98850	32200N	98850E	2	378	27	430	80
98900	32200N	98900E	1	23	2	980	34
98950	32200N	98950E	<1	43	3	1550	46
99000	32200N	99000E	<1	9	3	<20	<5
99050	32200N	99050E	<1	11	<1	320	12
Line 32400N							
97700	32400N	97700E	1	78	7	240	38
97750	32400N	97750E	1	36	4	1140	36
97800	32400N	97800E					
97850	32400N	97850E	<1	50	7	1940	40

ANALYTE			Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy
DETECTION			1	1	10	0.1	10	1	10	1	5	5	100	10	1
UNITS			PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB
97900	32400N	97900E	23	145	70	0.4	420	<1	270	35	20	87	<100	380	5
97950	32400N	97950E	338	17	20	7.7	830	<1	620	88	93	479	<100	2260	15
98000	32400N	98000E	253	40	20	2.2	610	<1	590	213	105	556	<100	2210	9
98050	32400N	98050E	28	167	260	1.8	630	<1	280	63	29	177	<100	920	7
98100	32400N	98100E	12	162	50	0.4	500	<1	410	132	15	241	<100	440	5
98150	32400N	98150E	23	221	110	0.9	420	<1	180	22	19	189	<100	650	7
98200	32400N	98200E	44	74	20	1.4	260	<1	560	81	34	109	<100	1360	8
98250	32400N	98250E	43	259	280	0.6	690	<1	120	35	23	249	100	660	6
98300	32400N	98300E	47	219	360	1.8	680	<1	220	17	87	179	100	1340	16
98350	32400N	98350E	38	170	560	1.2	650	<1	230	17	30	153	100	450	6
98400	32400N	98400E	53	239	700	1.3	1070	<1	140	17	89	322	200	890	11
98450	32400N	98450E	46	209	430	0.8	1460	<1	150	26	38	100	200	610	8
98500	32400N	98500E	47	175	570	1.2	920	<1	220	80	47	164	100	830	9
98550	32400N	98550E	25	225	550	0.6	1670	<1	160	37	24	110	200	280	5
98600	32400N	98600E	48	181	660	2.2	1020	<1	170	32	33	96	200	620	9
98650	32400N	98650E	40	268	320	0.5	970	<1	140	18	38	110	100	260	7
98700	32400N	98700E	27	156	110	0.8	910	<1	290	53	170	108	<100	660	38
98750	32400N	98750E	95	167	100	0.9	1460	<1	230	30	124	114	<100	350	20
98800	32400N	98800E	131	126	20	0.8	1010	<1	370	112	169	75	<100	600	60
98850	32400N	98850E	36	167	180	0.5	900	<1	200	44	69	130	<100	420	11
Line 32600N															
97650	32600N	97650E	77	135	10	7.5	520	<1	320	89	88	141	<100	980	33
97700	32600N	97700E	53	225	130	0.6	460	<1	160	40	41	346	200	840	15
97750	32600N	97750E	43	235	150	0.5	570	<1	120	76	19	221	100	540	6
97800	32600N	97800E	56	181	180	0.7	400	<1	210	40	29	96	100	620	11
97850	32600N	97850E	28	202	270	0.4	530	<1	140	50	21	197	100	490	7
97900	32600N	97900E	36	206	330	1.2	730	<1	160	16	61	103	100	750	12
97950	32600N	97950E	49	150	190	0.9	410	<1	270	27	19	98	<100	650	6
98000	32600N	98000E	149	42	20	1.9	570	<1	540	30	26	88	<100	970	15
98050	32600N	98050E	97	114	30	3	740	<1	400	43	45	121	<100	1730	47
98100	32600N	98100E	82	18	20	8	600	<1	630	14	18	70	<100	1880	12
98150	32600N	98150E	101	28	30	9.9	620	<1	570	26	59	106	<100	2260	16
98200	32600N	98200E	89	77	30	2.8	920	<1	480	48	48	79	<100	660	25
98250	32600N	98250E	210	17	60	7.1	600	<1	540	51	45	604	<100	4460	10
98300	32600N	98300E	55	71	30	1.1	700	<1	440	29	24	103	<100	1010	7
98350	32600N	98350E	30	274	140	0.2	660	<1	130	26	29	367	100	820	9
98400	32600N	98400E	44	83	90	2.4	750	<1	390	46	82	65	<100	470	16
98450	32600N	98450E	127	159	390	2.3	680	<1	210	36	178	110	100	1230	22
98500	32600N	98500E	49	128	180	0.7	970	<1	280	34	42	94	<100	430	27
98550	32600N	98550E	130	6	10	4.3	560	<1	410	37	<5	149	<100	1460	3
98600	32600N	98600E	155	12	10	3.5	780	<1	520	62	29	93	<100	1110	10
98650	32600N	98650E	66	76	60	0.9	590	<1	310	17	44	38	<100	770	72
98700	32600N	98700E	144	50	<10	1.4	1600	<1	420	41	63	50	<100	790	28
98750	32600N	98750E	2	128	80	<0.1	870	<1	270	94	25	190	<100	670	12

ANALYTE			Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr
DETECTION			0.5	0.5	1	1	1	5	1	5	0.5	1	5	10	1	1
UNITS			PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
97900	32400N	97900E	2.9	1.3	99	5	7	<5	34	<5	1.6	11	94	140	<1	2
97950	32400N	97950E	8.4	4	9	18	8	<5	42	16	<0.5	25	284	50	<1	4
98000	32400N	98000E	4.9	2.7	42	11	16	<5	50	22	<0.5	32	456	70	<1	7
98050	32400N	98050E	4.3	2	109	7	9	<5	21	<5	1.1	17	147	270	<1	3
98100	32400N	98100E	3	1.1	100	4	5	<5	40	<5	<0.5	9	135	250	<1	2
98150	32400N	98150E	4.4	1.5	128	6	6	<5	32	<5	<0.5	13	177	210	<1	3
98200	32400N	98200E	4.2	2.2	27	9	9	<5	48	<5	<0.5	20	217	60	<1	4
98250	32400N	98250E	3.6	1.3	204	5	7	<5	35	<5	1.4	13	243	210	<1	3
98300	32400N	98300E	8.3	4.5	80	16	23	<5	24	6	<0.5	41	206	290	<1	9
98350	32400N	98350E	3.2	1.6	118	6	8	<5	28	6	1.1	15	154	250	<1	3
98400	32400N	98400E	5.6	3	130	11	23	<5	16	7	1.3	33	177	220	<1	7
98450	32400N	98450E	4.2	2.2	124	8	15	<5	19	<5	1.6	23	197	160	<1	5
98500	32400N	98500E	4.6	2.2	140	9	14	<5	24	8	1.6	21	205	170	<1	5
98550	32400N	98550E	2.5	1.2	258	5	10	9	22	8	2.9	14	160	190	<1	3
98600	32400N	98600E	4.7	2.5	150	10	16	<5	21	<5	1.8	26	212	100	<1	6
98650	32400N	98650E	3.6	1.8	188	7	14	<5	13	7	2.6	20	158	220	<1	5
98700	32400N	98700E	18	10	79	40	52	<5	29	8	0.9	93	194	370	<1	19
98750	32400N	98750E	9.3	5.5	74	22	35	<5	20	6	1	61	144	480	<1	13
98800	32400N	98800E	33.6	14.9	31	62	62	<5	46	<5	<0.5	129	523	360	<1	25
98850	32400N	98850E	5.4	3.1	112	12	17	<5	23	12	0.9	32	227	360	<1	7
Line 32600N																
97650	32600N	97650E	23	6.5	67	27	19	<5	55	<5	<0.5	45	169	280	<1	8
97700	32600N	97700E	8.9	3.3	181	14	17	<5	28	<5	1.4	31	218	250	<1	7
97750	32600N	97750E	3.8	1.2	224	5	7	6	18	6	2.4	12	149	230	<1	2
97800	32600N	97800E	5.9	2.4	131	9	12	<5	24	7	2.7	22	135	210	<1	4
97850	32600N	97850E	4.2	1.5	209	6	7	5	16	<5	1.4	13	204	250	<1	3
97900	32600N	97900E	6.4	3	116	12	21	<5	17	6	1.1	31	103	440	<1	7
97950	32600N	97950E	3.4	1.4	93	6	6	<5	19	6	1.1	12	93	210	<1	2
98000	32600N	98000E	7.8	4.7	17	19	16	<5	41	<5	<0.5	37	183	50	<1	6
98050	32600N	98050E	27.7	12.3	49	49	48	5	69	<5	<0.5	91	296	170	<1	18
98100	32600N	98100E	6.4	3.6	8	15	5	<5	75	13	<0.5	20	194	30	<1	3
98150	32600N	98150E	9.3	4.5	12	19	9	<5	100	9	<0.5	28	230	50	<1	4
98200	32600N	98200E	14.1	6.5	21	28	18	<5	56	<5	<0.5	47	245	100	<1	8
98250	32600N	98250E	5.8	2.8	15	12	6	<5	39	62	<0.5	21	738	50	<1	4
98300	32600N	98300E	3.4	1.9	31	8	8	<5	36	5	<0.5	18	121	60	<1	3
98350	32600N	98350E	4.9	1.8	165	7	11	6	33	<5	1.3	19	235	200	<1	4
98400	32600N	98400E	8.4	4.4	47	17	16	<5	52	<5	<0.5	38	131	100	<1	7
98450	32600N	98450E	9	5.8	98	23	33	<5	17	9	1	56	147	300	<1	12
98500	32600N	98500E	14.2	7.5	66	32	32	<5	36	7	0.7	68	195	160	<1	13
98550	32600N	98550E	1.4	0.9	4	3	<1	<5	55	44	<0.5	3	370	40	<1	<1
98600	32600N	98600E	4.5	2.5	5	12	3	<5	70	19	<0.5	13	315	50	<1	2
98650	32600N	98650E	35.8	22.4	37	92	79	<5	58	<5	<0.5	186	293	130	<1	34
98700	32600N	98700E	14.7	7.9	14	34	20	<5	79	5	<0.5	54	241	80	<1	10
98750	32600N	98750E	8.5	2.2	198	9	6	<5	32	11	0.7	15	255	190	<1	3

ANALYTE			Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U
DETECTION			1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1
UNITS			PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
97900	32400N	97900E	<1	118	1	36	3	3	840	<1	<1	<10	5.2	1080	<0.5	4
97950	32400N	97950E	<1	40	2	26	10	2	3550	<1	3	<10	2.3	5	<0.5	6
98000	32400N	98000E	<1	60	3	37	9	2	2200	<1	1	<10	5.3	13	<0.5	23
98050	32400N	98050E	<1	116	2	40	5	2	1180	<1	1	<10	5.9	560	<0.5	4
98100	32400N	98100E	<1	107	<1	32	3	2	1430	<1	<1	<10	3.5	195	<0.5	4
98150	32400N	98150E	<1	109	3	47	4	1	970	<1	1	<10	5.3	330	<0.5	3
98200	32400N	98200E	<1	49	2	26	6	1	2240	<1	1	<10	2.3	19	<0.5	10
98250	32400N	98250E	<1	83	3	58	4	2	880	<1	<1	<10	8.6	720	<0.5	4
98300	32400N	98300E	<1	126	4	71	13	2	940	<1	3	<10	12.2	287	<0.5	6
98350	32400N	98350E	<1	119	6	40	5	2	910	<1	1	<10	8.7	881	<0.5	5
98400	32400N	98400E	<1	129	6	69	9	2	690	<1	2	<10	16.6	1140	<0.5	6
98450	32400N	98450E	<1	119	6	52	7	3	680	<1	1	<10	7.9	1030	<0.5	3
98500	32400N	98500E	<1	112	5	49	6	2	710	<1	2	<10	9.8	1000	<0.5	5
98550	32400N	98550E	<1	71	3	50	4	2	530	<1	<1	<10	10.4	1560	<0.5	5
98600	32400N	98600E	<1	122	6	58	8	2	690	<1	2	<10	9	849	<0.5	4
98650	32400N	98650E	<1	122	2	40	6	2	480	<1	1	<10	10.1	1520	<0.5	5
98700	32400N	98700E	<1	60	2	78	31	1	980	<1	7	<10	21.2	484	<0.5	11
98750	32400N	98750E	<1	66	1	41	18	1	900	<1	3	<10	13.5	626	<0.5	18
98800	32400N	98800E	<1	44	<1	117	42	<1	1420	<1	10	<10	14.5	59	<0.5	16
98850	32400N	98850E	<1	74	4	55	10	1	590	<1	2	<10	13.7	479	<0.5	9
Line 32600N																
97650	32600N	97650E	<1	99	<1	186	17	2	1530	<1	5	<10	10	27	<0.5	42
97700	32600N	97700E	<1	109	2	78	10	4	840	<1	2	<10	9.9	1250	<0.5	6
97750	32600N	97750E	<1	75	2	55	4	3	510	<1	<1	<10	8.2	1800	<0.5	5
97800	32600N	97800E	<1	123	3	55	7	3	590	<1	2	<10	7.5	2370	<0.5	6
97850	32600N	97850E	<1	94	2	49	4	3	660	<1	1	<10	7.2	979	<0.5	4
97900	32600N	97900E	<1	88	5	76	9	2	780	<1	2	<10	12.2	941	<0.5	5
97950	32600N	97950E	<1	117	2	40	4	2	740	<1	<1	<10	7.4	725	<0.5	5
98000	32600N	98000E	<1	57	<1	17	13	1	2050	<1	3	<10	3	7	<0.5	13
98050	32600N	98050E	<1	60	<1	129	31	1	1830	<1	8	<10	5.7	67	<0.5	20
98100	32600N	98100E	<1	16	<1	33	9	1	2900	<1	2	<10	2.7	<3	<0.5	22
98150	32600N	98150E	<1	33	1	40	11	<1	2950	<1	3	<10	4	<3	<0.5	26
98200	32600N	98200E	<1	72	<1	34	17	<1	1590	<1	4	<10	3.8	18	<0.5	13
98250	32600N	98250E	<1	28	3	19	8	<1	2120	<1	2	<10	2.1	<3	<0.5	15
98300	32600N	98300E	<1	83	1	15	6	3	1590	<1	1	<10	1.9	22	<0.5	18
98350	32600N	98350E	<1	89	2	42	6	8	1040	<1	1	<10	5.2	1040	<0.5	3
98400	32600N	98400E	<1	62	1	56	12	6	1420	<1	3	<10	8.8	62	<0.5	8
98450	32600N	98450E	<1	97	5	82	18	5	570	<1	4	<10	25.9	598	<0.5	12
98500	32600N	98500E	<1	44	2	34	22	<1	860	<1	5	<10	6.1	545	<0.5	6
98550	32600N	98550E	<1	6	<1	12	2	5	1830	<1	<1	<10	<0.5	<3	<0.5	5
98600	32600N	98600E	<1	35	<1	14	6	3	2490	<1	2	<10	1.6	4	<0.5	10
98650	32600N	98650E	<1	71	1	40	63	3	1230	<1	13	<10	5.2	190	<0.5	10
98700	32600N	98700E	<1	67	<1	31	21	3	2170	<1	5	<10	3.7	18	<0.5	21
98750	32600N	98750E	<1	40	2	65	6	3	1190	<1	2	<10	7.1	401	<0.5	7

ANALYTE			W	Y	Yb	Zn	Zr
DETECTION			1	5	1	20	5
UNITS			PPB	PPB	PPB	PPB	PPB
97900	32400N	97900E	<1	26	2	540	30
97950	32400N	97950E	<1	92	6	270	<5
98000	32400N	98000E	<1	55	5	390	10
98050	32400N	98050E	<1	36	4	1950	20
98100	32400N	98100E	<1	26	2	2450	9
98150	32400N	98150E	<1	37	4	290	13
98200	32400N	98200E	<1	41	3	40	<5
98250	32400N	98250E	<1	31	3	1200	25
98300	32400N	98300E	<1	77	7	160	25
98350	32400N	98350E	1	26	3	330	25
98400	32400N	98400E	1	48	4	580	36
98450	32400N	98450E	1	42	4	1020	34
98500	32400N	98500E	1	43	4	1180	29
98550	32400N	98550E	1	24	2	640	41
98600	32400N	98600E	2	41	4	960	31
98650	32400N	98650E	1	30	3	410	48
98700	32400N	98700E	<1	156	14	1040	40
98750	32400N	98750E	<1	83	7	590	33
98800	32400N	98800E	<1	312	29	1210	25
98850	32400N	98850E	2	45	4	740	38
Line 32600N							
97650	32600N	97650E	<1	186	21	1620	21
97700	32600N	97700E	<1	79	8	1150	39
97750	32600N	97750E	1	31	3	1310	46
97800	32600N	97800E	1	50	5	590	45
97850	32600N	97850E	<1	35	4	2280	33
97900	32600N	97900E	1	58	5	440	43
97950	32600N	97950E	<1	26	3	500	28
98000	32600N	98000E	<1	89	6	110	<5
98050	32600N	98050E	<1	299	23	230	13
98100	32600N	98100E	<1	73	5	<20	5
98150	32600N	98150E	<1	94	7	<20	9
98200	32600N	98200E	<1	137	12	970	9
98250	32600N	98250E	<1	61	5	20	6
98300	32600N	98300E	<1	37	3	180	12
98350	32600N	98350E	<1	46	4	900	28
98400	32600N	98400E	<1	74	7	560	26
98450	32600N	98450E	1	77	7	410	64
98500	32600N	98500E	<1	152	12	1140	29
98550	32600N	98550E	<1	18	1	<20	10
98600	32600N	98600E	<1	53	3	30	13
98650	32600N	98650E	<1	426	27	220	22
98700	32600N	98700E	<1	154	12	490	19
98750	32600N	98750E	<1	66	9	4540	17

ANALYTE			Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy
DETECTION			1	1	10	0.1	10	1	10	1	5	5	100	10	1
UNITS			PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB
Line 32800N															
97600	32800N	97600E	12	180	90	0.2	850	<1	240	69	33	313	<100	370	5
97650	32800N	97650E													
97700	32800N	97700E	195	27	10	8.6	630	<1	500	41	43	83	<100	3370	17
97750	32800N	97750E	26	25	30	2.3	210	<1	550	44	13	123	<100	3070	4
97800	32800N	97800E	92	31	<10	1.4	400	<1	560	40	<5	21	<100	2200	10
97850	32800N	97850E	104	39	10	1.5	150	<1	260	84	12	15	<100	1250	7
97900	32800N	97900E	4	15	<10	<0.1	40	<1	170	105	<5	11	<100	140	<1
97950	32800N	97950E	11	8	10	0.5	50	<1	140	41	<5	17	<100	360	<1
98000	32800N	98000E	5	11	<10	0.2	70	<1	190	11	<5	8	<100	130	1
98050	32800N	98050E	<1	8	30	<0.1	180	<1	310	18	<5	66	<100	1010	<1
98100	32800N	98100E	<1	9	30	<0.1	150	<1	340	17	<5	54	<100	890	<1
98150	32800N	98150E	23	29	30	1.3	930	<1	510	70	106	55	<100	1970	13
98200	32800N	98200E	181	11	<10	8.1	410	<1	490	55	<5	24	<100	770	7
98250	32800N	98250E	280	13	10	2.2	700	<1	390	58	59	96	<100	1380	9
98300	32800N	98300E	61	21	10	0.8	580	<1	350	41	23	62	<100	580	9
98350	32800N	98350E	2	6	30	<0.1	50	<1	110	64	<5	16	<100	70	<1
98400	32800N	98400E	1	4	20	<0.1	60	<1	150	23	<5	28	<100	90	<1
98450	32800N	98450E	38	24	20	0.8	460	<1	250	55	59	439	<100	3440	9
98500	32800N	98500E	32	6	<10	0.1	40	<1	130	35	<5	11	<100	360	<1
98550	32800N	98550E	58	41	<10	0.3	600	<1	430	73	24	32	<100	680	8
98600	32800N	98600E	67	8	<10	0.8	300	<1	320	19	18	208	<100	2760	5
98650	32800N	98650E	16	87	150	0.3	1100	<1	210	60	87	743	<100	620	11
98700	32800N	98700E	19	104	100	0.2	720	<1	260	23	47	56	<100	540	13
Line 33000N															
97650	33000N	97650E	<1	1	<10	<0.1	40	<1	340	<1	<5	<5	<100	20	<1
97700	33000N	97700E	1	1	<10	<0.1	20	<1	340	<1	<5	<5	<100	30	<1
97750	33000N	97750E	<1	29	90	0.3	120	<1	270	12	15	153	<100	1570	4
97800	33000N	97800E	83	29	10	1.6	700	<1	510	38	<5	23	<100	1380	4
97850	33000N	97850E	98	51	<10	2.4	780	<1	500	71	41	60	<100	3770	11
97900	33000N	97900E	101	27	10	2.4	750	<1	530	62	20	59	<100	2910	4
97950	33000N	97950E	136	20	<10	4.4	210	<1	370	39	<5	93	<100	4200	3
98000	33000N	98000E	67	140	110	0.6	960	<1	310	129	47	135	<100	610	20
98050	33000N	98050E													
98100	33000N	98100E	126	94	50	0.6	450	<1	300	33	16	29	<100	300	6
98150	33000N	98150E	184	35	80	3.1	410	<1	360	29	36	46	<100	1280	7
98200	33000N	98200E	61	141	90	0.4	790	<1	250	80	27	68	<100	400	7
98250	33000N	98250E	106	239	190	0.6	1800	<1	80	81	44	184	200	420	7
98300	33000N	98300E	76	144	80	0.2	830	<1	230	143	9	67	200	360	2
98350	33000N	98350E	103	139	180	1.2	790	<1	270	63	92	129	200	670	7
98400	33000N	98400E	61	170	140	0.2	1880	<1	180	48	21	53	100	340	4
98450	33000N	98450E	25	161	190	1.2	780	<1	120	26	322	115	100	820	48
98500	33000N	98500E													
98550	33000N	98550E	20	215	90	0.2	740	<1	150	18	31	82	200	390	6

ANALYTE			Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr
DETECTION			0.5	0.5	1	1	1	5	1	5	0.5	1	5	10	1	1
UNITS			PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Line 32800N																
97600	32800N	97600E	3	1.2	106	5	10	<5	26	6	1.8	15	139	190	<1	3
97650	32800N	97650E														
97700	32800N	97700E	8.1	5.9	7	23	14	<5	83	11	<0.5	39	188	60	<1	6
97750	32800N	97750E	2.3	1.2	45	5	5	<5	60	38	<0.5	11	868	40	<1	2
97800	32800N	97800E	5.3	2.2	10	11	<1	<5	86	<5	<0.5	6	509	40	<1	<1
97850	32800N	97850E	4.5	2.2	9	9	6	<5	44	8	<0.5	15	853	20	<1	3
97900	32800N	97900E	0.5	<0.5	12	<1	1	<5	26	6	<0.5	1	115	20	<1	<1
97950	32800N	97950E	<0.5	<0.5	6	<1	<1	<5	39	36	<0.5	2	513	10	<1	<1
98000	32800N	98000E	0.7	<0.5	7	1	<1	<5	44	9	<0.5	2	206	10	<1	<1
98050	32800N	98050E	0.5	<0.5	19	1	2	<5	38	12	<0.5	3	234	30	<1	<1
98100	32800N	98100E	<0.5	<0.5	10	<1	<1	<5	27	11	<0.5	<1	200	40	<1	<1
98150	32800N	98150E	5.7	4.5	30	17	13	<5	51	12	<0.5	38	268	100	<1	7
98200	32800N	98200E	3.9	1.1	4	7	<1	<5	43	18	<0.5	1	222	50	<1	<1
98250	32800N	98250E	4.3	3.7	10	15	12	<5	43	32	<0.5	31	299	20	<1	5
98300	32800N	98300E	4	3	19	13	13	<5	43	13	<0.5	28	226	30	<1	5
98350	32800N	98350E	<0.5	<0.5	5	<1	<1	<5	39	17	<0.5	<1	150	30	<1	<1
98400	32800N	98400E	<0.5	<0.5	14	<1	<1	<5	35	95	<0.5	<1	129	<10	<1	<1
98450	32800N	98450E	4.7	3	54	12	14	<5	32	140	<0.5	34	963	10	<1	7
98500	32800N	98500E	<0.5	<0.5	7	<1	<1	<5	33	15	<0.5	1	589	40	<1	<1
98550	32800N	98550E	3.4	2.4	22	10	10	<5	51	<5	<0.5	21	199	40	<1	4
98600	32800N	98600E	2.3	1.8	11	7	6	<5	53	21	<0.5	15	482	60	<1	3
98650	32800N	98650E	5.6	3.7	163	14	30	<5	20	8	1.2	46	327	240	<1	10
98700	32800N	98700E	6.6	3.9	92	15	16	<5	32	<5	0.6	36	169	90	<1	7
Line 33000N																
97650	33000N	97650E	<0.5	<0.5	1	<1	<1	<5	32	<5	<0.5	<1	21	20	<1	<1
97700	33000N	97700E	<0.5	<0.5	1	<1	<1	<5	32	<5	<0.5	<1	19	<10	<1	<1
97750	33000N	97750E	2.6	1.3	210	5	9	<5	34	16	<0.5	17	511	10	<1	3
97800	33000N	97800E	1.9	1.4	9	6	4	<5	75	13	<0.5	11	298	10	<1	2
97850	33000N	97850E	5.5	3.7	14	15	10	<5	42	14	<0.5	28	498	60	<1	5
97900	33000N	97900E	2.1	1.3	16	5	3	<5	33	13	<0.5	11	448	20	<1	2
97950	33000N	97950E	2.2	<0.5	5	2	<1	<5	75	100	<0.5	<1	667	20	<1	<1
98000	33000N	98000E	10.7	6.3	85	25	34	<5	30	12	1	63	226	140	<1	13
98050	33000N	98050E														
98100	33000N	98100E	2.8	1.7	47	7	9	<5	39	13	0.9	18	126	50	<1	3
98150	33000N	98150E	3.3	2.2	39	9	8	<5	21	23	<0.5	20	214	30	<1	4
98200	33000N	98200E	3.3	1.9	83	7	9	<5	21	10	1	18	245	120	<1	4
98250	33000N	98250E	3.2	1.9	308	8	17	<5	7	11	2.7	23	141	250	<1	5
98300	33000N	98300E	0.8	0.5	227	2	4	<5	8	8	2.5	6	152	80	<1	1
98350	33000N	98350E	2.9	2	178	7	14	<5	19	21	2.2	21	223	230	<1	5
98400	33000N	98400E	1.8	1	238	4	9	<5	9	12	3.4	13	155	130	<1	3
98450	33000N	98450E	21.8	15.4	156	61	100	<5	20	14	4.1	179	200	240	<1	38
98500	33000N	98500E														
98550	33000N	98550E	3.2	1.8	296	8	14	<5	16	9	3.1	22	112	230	<1	5

ANALYTE			Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U
DETECTION			1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1
UNITS			PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Line 32800N																
97600	32800N	97600E	<1	51	1	55	4	3	880	<1	<1	<10	6.2	1110	<0.5	4
97650	32800N	97650E														
97700	32800N	97700E	<1	32	<1	39	15	2	2370	<1	3	<10	4.3	4	<0.5	20
97750	32800N	97750E	<1	14	3	19	4	2	2180	<1	<1	<10	1	7	<0.5	48
97800	32800N	97800E	<1	36	<1	10	5	2	2720	<1	2	<10	2	<3	<0.5	15
97850	32800N	97850E	<1	19	<1	8	6	2	1440	<1	1	<10	0.8	<3	<0.5	31
97900	32800N	97900E	<1	8	<1	<5	<1	1	1110	<1	<1	<10	<0.5	<3	<0.5	7
97950	32800N	97950E	<1	<5	1	<5	<1	1	900	<1	<1	<10	<0.5	<3	<0.5	43
98000	32800N	98000E	<1	<5	<1	<5	<1	1	940	<1	<1	<10	<0.5	<3	<0.5	5
98050	32800N	98050E	<1	<5	4	<5	<1	1	1140	<1	<1	<10	<0.5	7	<0.5	4
98100	32800N	98100E	<1	<5	4	<5	<1	<1	1220	<1	<1	<10	<0.5	6	<0.5	2
98150	32800N	98150E	<1	39	4	17	14	<1	1780	<1	2	<10	8.5	21	<0.5	13
98200	32800N	98200E	<1	26	<1	10	2	<1	1850	<1	1	<10	0.9	<3	<0.5	9
98250	32800N	98250E	<1	72	1	11	11	<1	1810	<1	2	<10	1.9	3	<0.5	24
98300	32800N	98300E	<1	33	<1	8	9	<1	1280	<1	2	<10	2.9	15	<0.5	5
98350	32800N	98350E	<1	6	1	<5	<1	<1	690	<1	<1	<10	<0.5	<3	<0.5	16
98400	32800N	98400E	<1	<5	2	<5	<1	<1	740	<1	<1	<10	<0.5	<3	<0.5	15
98450	32800N	98450E	<1	64	1	26	10	<1	1220	<1	2	<10	4.5	4	<0.5	12
98500	32800N	98500E	<1	<5	1	<5	<1	<1	830	<1	<1	<10	<0.5	<3	<0.5	14
98550	32800N	98550E	<1	46	<1	10	7	<1	1620	<1	1	<10	2.6	19	<0.5	14
98600	32800N	98600E	<1	17	<1	7	5	<1	1470	<1	<1	<10	1.5	<3	<0.5	11
98650	32800N	98650E	<1	42	3	50	12	<1	810	<1	2	<10	11.2	796	<0.5	4
98700	32800N	98700E	<1	97	1	53	11	<1	1050	<1	2	<10	4.3	383	<0.5	2
Line 33000N																
97650	33000N	97650E	<1	<5	<1	<5	<1	<1	1010	<1	<1	<10	<0.5	<3	<0.5	<1
97700	33000N	97700E	<1	<5	<1	<5	<1	<1	1040	<1	<1	<10	<0.5	<3	<0.5	<1
97750	33000N	97750E	<1	<5	5	20	4	<1	930	<1	<1	<10	2.6	92	<0.5	5
97800	33000N	97800E	<1	41	<1	12	4	<1	3060	<1	<1	<10	3.8	3	<0.5	19
97850	33000N	97850E	<1	39	1	20	10	<1	2340	<1	2	<10	8	<3	<0.5	30
97900	33000N	97900E	<1	48	1	13	4	<1	2350	<1	<1	<10	5.4	<3	<0.5	10
97950	33000N	97950E	<1	20	<1	17	<1	<1	2630	<1	<1	<10	1.1	<3	<0.5	34
98000	33000N	98000E	<1	66	3	49	18	<1	1000	<1	4	<10	7.6	365	<0.5	9
98050	33000N	98050E														
98100	33000N	98100E	<1	64	1	16	5	<1	790	<1	1	<10	4.9	340	<0.5	6
98150	33000N	98150E	<1	54	4	26	7	<1	1090	<1	1	<10	7.5	146	<0.5	19
98200	33000N	98200E	<1	43	2	27	6	<1	420	<1	1	<10	6.8	486	<0.5	6
98250	33000N	98250E	<1	55	3	40	6	<1	170	<1	1	<10	14	1260	<0.5	6
98300	33000N	98300E	<1	63	1	28	1	<1	440	<1	<1	<10	5.6	1090	<0.5	4
98350	33000N	98350E	<1	52	5	50	6	<1	530	<1	1	<10	16.7	1760	<0.5	7
98400	33000N	98400E	<1	48	2	35	4	<1	270	<1	<1	<10	10.4	1510	<0.5	7
98450	33000N	98450E	<1	61	5	109	49	<1	330	<1	9	<10	28.5	3400	<0.5	10
98500	33000N	98500E														
98550	33000N	98550E	<1	20	1	35	6	<1	400	<1	1	<10	7.7	1360	<0.5	4

ANALYTE			W	Y	Yb	Zn	Zr
DETECTION			1	5	1	20	5
UNITS			PPB	PPB	PPB	PPB	PPB
Line 32800N							
97600	32800N	97600E	2	28	3	1890	21
97650	32800N	97650E					
97700	32800N	97700E	<1	101	6	40	11
97750	32800N	97750E	<1	30	2	50	8
97800	32800N	97800E	<1	57	4	120	7
97850	32800N	97850E	<1	50	4	110	<5
97900	32800N	97900E	<1	5	<1	690	<5
97950	32800N	97950E	<1	5	<1	40	<5
98000	32800N	98000E	<1	7	<1	40	<5
98050	32800N	98050E	<1	7	<1	330	<5
98100	32800N	98100E	<1	<5	<1	490	<5
98150	32800N	98150E	<1	57	4	430	12
98200	32800N	98200E	<1	39	3	100	<5
98250	32800N	98250E	<1	56	3	60	<5
98300	32800N	98300E	<1	55	3	250	5
98350	32800N	98350E	<1	<5	<1	410	<5
98400	32800N	98400E	<1	<5	<1	450	<5
98450	32800N	98450E	<1	53	5	70	8
98500	32800N	98500E	<1	<5	<1	50	<5
98550	32800N	98550E	<1	41	3	470	7
98600	32800N	98600E	<1	26	2	<20	<5
98650	32800N	98650E	<1	53	5	1250	29
98700	32800N	98700E	<1	59	6	1070	15
Line 33000N							
97650	33000N	97650E	<1	<5	<1	<20	<5
97700	33000N	97700E	<1	<5	<1	<20	<5
97750	33000N	97750E	<1	30	2	20	8
97800	33000N	97800E	<1	25	1	90	8
97850	33000N	97850E	<1	67	4	230	12
97900	33000N	97900E	<1	24	2	300	8
97950	33000N	97950E	<1	18	2	<20	6
98000	33000N	98000E	<1	122	9	2150	26
98050	33000N	98050E					
98100	33000N	98100E	<1	29	2	220	18
98150	33000N	98150E	<1	37	3	90	26
98200	33000N	98200E	<1	29	3	2200	27
98250	33000N	98250E	<1	34	2	830	51
98300	33000N	98300E	<1	8	<1	4040	31
98350	33000N	98350E	2	25	2	770	58
98400	33000N	98400E	1	18	1	1130	48
98450	33000N	98450E	12	227	15	370	114
98500	33000N	98500E					
98550	33000N	98550E	<1	31	2	620	28

ANALYTE			Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy
DETECTION			1	1	10	0.1	10	1	10	1	5	5	100	10	1
UNITS			PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB
98600	33000N	98600E	46	177	160	0.4	580	<1	140	16	79	93	200	660	18
Line 33200N															
97700	33200N	97700E	<1	4	<10	0.1	20	<1	140	3	<5	18	<100	490	<1
97750	33200N	97750E	51	43	<10	1.5	1790	<1	520	18	37	40	<100	1040	7
97800	33200N	97800E													
97850	33200N	97850E													
97900	33200N	97900E													
97950	33200N	97950E													
98000	33200N	98000E	66	143	210	0.4	670	<1	200	21	17	43	<100	260	4
98050	33200N	98050E	81	184	370	0.7	2100	<1	170	23	31	139	200	550	5
98100	33200N	98100E	72	136	200	0.3	1150	<1	260	72	23	124	100	450	4
98150	33200N	98150E	67	173	170	0.8	1440	<1	210	50	49	158	200	460	9
98200	33200N	98200E	364	18	<10	3.9	330	<1	450	103	<5	73	<100	1320	7
98250	33200N	98250E	62	173	180	1	2570	<1	110	29	101	103	100	530	14
98300	33200N	98300E	70	71	150	3.9	700	<1	280	20	171	88	<100	1740	66
98350	33200N	98350E	47	80	40	0.4	800	<1	360	64	45	97	<100	420	16
98400	33200N	98400E	31	184	250	0.4	1160	<1	210	42	57	268	200	420	8
98450	33200N	98450E	2	3	<10	0.1	<10	<1	100	45	<5	5	<100	20	<1
Line 33400N															
97600	33400N	97600E	49	237	140	0.2	900	<1	30	34	54	107	<100	220	9
97650	33400N	97650E	39	158	190	0.4	900	<1	200	36	23	66	<100	180	5
97700	33400N	97700E	21	164	140	0.1	1180	<1	160	45	22	84	<100	210	4
97750	33400N	97750E	50	171	200	0.4	1610	<1	170	35	124	187	<100	570	17
97800	33400N	97800E	29	103	30	0.5	590	<1	360	95	93	21	<100	1660	51
97850	33400N	97850E	79	168	110	0.5	1110	<1	210	69	77	130	100	470	11
97900	33400N	97900E	30	210	130	0.2	1130	<1	110	15	73	90	100	320	9
97950	33400N	97950E	95	132	60	0.3	940	<1	170	27	46	65	<100	270	6
98000	33400N	98000E	67	190	130	0.4	1620	<1	140	26	92	163	<100	430	13
98050	33400N	98050E	70	217	210	0.2	1280	<1	80	17	61	149	<100	340	8
98100	33400N	98100E	35	181	70	0.4	710	<1	210	26	28	72	<100	350	11
98150	33400N	98150E	49	128	<10	0.5	1290	<1	340	167	53	16	<100	2060	72
98200	33400N	98200E	60	107	50	0.1	1400	<1	250	564	45	99	<100	270	8
98250	33400N	98250E	29	169	60	0.2	1190	<1	230	179	80	101	<100	840	35
98300	33400N	98300E	162	15	<10	2.2	360	<1	270	47	7	128	<100	1560	7
98350	33400N	98350E	121	25	<10	0.8	660	<1	440	130	52	40	<100	950	11
Line 33600N															
97650	33600N	97650E	24	147	320	1.7	980	<1	190	32	151	133	<100	480	16
97700	33600N	97700E	24	125	100	0.1	920	<1	250	53	26	46	<100	200	5
97750	33600N	97750E	37	168	110	0.3	1320	<1	190	46	40	111	<100	360	8
97800	33600N	97800E	37	123	90	0.4	1030	<1	190	24	115	93	<100	660	36
97850	33600N	97850E	32	243	250	0.2	1690	<1	70	22	50	148	<100	320	8
97900	33600N	97900E	30	224	50	<0.1	1140	<1	140	32	52	60	<100	290	8
97950	33600N	97950E	20	209	80	<0.1	1070	<1	150	27	60	170	<100	160	10
98000	33600N	98000E	87	77	20	0.2	650	<1	380	67	19	22	<100	400	4

ANALYTE			Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr
DETECTION			0.5	0.5	1	1	1	5	1	5	0.5	1	5	10	1	1
UNITS			PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98600	33000N	98600E	8.9	5.9	215	22	32	<5	20	9	3.2	58	185	150	<1	12
Line 33200N																
97700	33200N	97700E	<0.5	<0.5	23	<1	<1	<5	33	37	<0.5	<1	93	<10	<1	<1
97750	33200N	97750E	3.4	2.3	44	10	12	<5	58	7	<0.5	27	381	70	<1	5
97800	33200N	97800E														
97850	33200N	97850E														
97900	33200N	97900E														
97950	33200N	97950E														
98000	33200N	98000E	1.9	1	180	4	8	<5	10	9	2.6	12	140	110	<1	3
98050	33200N	98050E	2.3	1.4	343	6	11	<5	7	25	3.5	17	142	150	<1	4
98100	33200N	98100E	2.3	1.3	200	5	9	<5	16	16	4.5	14	294	90	<1	3
98150	33200N	98150E	3.5	3.1	176	10	17	<5	10	26	2.8	26	210	160	<1	5
98200	33200N	98200E	3.7	1.5	6	8	<1	<5	46	25	<0.5	3	445	20	<1	<1
98250	33200N	98250E	5.9	4.3	157	17	34	<5	8	24	2.4	53	198	210	<1	12
98300	33200N	98300E	31.3	23.7	72	95	120	<5	28	13	1	256	353	80	<1	49
98350	33200N	98350E	7.8	4.8	59	20	23	<5	34	8	0.8	49	253	70	<1	10
98400	33200N	98400E	3.6	2.4	312	10	21	<5	15	19	3.8	31	184	270	<1	7
98450	33200N	98450E	<0.5	<0.5	3	<1	<1	<5	36	55	<0.5	<1	500	20	<1	<1
Line 33400N																
97600	33400N	97600E	4.7	2.5	168	10	21	<5	9	11	2.8	30	134	250	<1	7
97650	33400N	97650E	2.2	1.2	163	5	11	<5	26	10	2	15	148	150	<1	3
97700	33400N	97700E	2	0.8	151	4	9	<5	21	8	2.4	12	109	210	<1	3
97750	33400N	97750E	7.4	4.9	133	20	46	<5	33	10	1.5	68	190	260	<1	15
97800	33400N	97800E	26.3	11.5	80	51	34	<5	38	10	0.5	90	520	380	<1	16
97850	33400N	97850E	5.5	3.3	177	13	29	5	23	25	2.9	40	174	160	<1	9
97900	33400N	97900E	4.1	2.8	141	11	31	<5	12	12	2.8	38	160	130	<1	9
97950	33400N	97950E	2.8	1.7	85	7	17	<5	17	17	2.9	22	84	100	<1	5
98000	33400N	98000E	5.6	3.6	141	15	33	<5	17	14	2.4	45	182	190	<1	10
98050	33400N	98050E	3.6	2.3	229	9	22	6	8	17	4	31	152	150	<1	7
98100	33400N	98100E	5.2	3.1	135	12	18	<5	22	8	1.6	31	158	120	<1	6
98150	33400N	98150E	43.9	12.6	30	61	47	<5	58	<5	<0.5	98	627	130	<1	18
98200	33400N	98200E	3.9	2	117	8	13	<5	23	14	0.8	22	225	140	<1	5
98250	33400N	98250E	16.5	9.7	111	42	58	<5	26	12	0.9	108	285	180	<1	22
98300	33400N	98300E	4.6	1	5	5	1	<5	49	50	<0.5	5	375	50	<1	<1
98350	33400N	98350E	5.1	3.4	7	15	8	<5	48	42	<0.5	26	289	30	<1	4
Line 33600N																
97650	33600N	97650E	6.5	4.7	84	19	39	<5	19	12	1.3	60	112	180	<1	13
97700	33600N	97700E	2.5	1.3	89	6	12	<5	23	7	0.9	18	181	110	<1	4
97750	33600N	97750E	4.2	1.9	152	9	15	<5	27	7	1.7	24	205	180	<1	5
97800	33600N	97800E	16.2	11.7	64	48	88	<5	33	8	1.1	140	197	140	<1	30
97850	33600N	97850E	4.1	2	192	8	21	<5	13	10	2.5	27	155	170	<1	6
97900	33600N	97900E	3.7	2	125	8	22	<5	16	6	2.2	29	150	100	<1	7
97950	33600N	97950E	5	2.6	145	12	24	<5	26	6	2.8	37	119	140	<1	8
98000	33600N	98000E	1.9	1.2	43	5	8	<5	19	<5	<0.5	14	115	60	<1	3

ANALYTE			Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U
DETECTION			1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1
UNITS			PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98600	33000N	98600E	<1	83	3	94	18	1	270	<1	3	<10	16.2	1860	<0.5	7
Line 33200N																
97700	33200N	97700E	<1	<5	6	<5	<1	<1	510	<1	<1	<10	<0.5	<3	<0.5	2
97750	33200N	97750E	<1	17	1	17	8	<1	2160	<1	1	<10	9	30	<0.5	6
97800	33200N	97800E														
97850	33200N	97850E														
97900	33200N	97900E														
97950	33200N	97950E														
98000	33200N	98000E	<1	75	3	29	3	<1	470	<1	<1	<10	8.1	1430	<0.5	5
98050	33200N	98050E	<1	67	6	41	5	<1	210	<1	<1	<10	13.7	1740	<0.5	8
98100	33200N	98100E	<1	45	5	26	4	1	490	<1	<1	<10	7.6	2190	<0.5	5
98150	33200N	98150E	<1	60	4	40	8	<1	380	<1	2	<10	15.7	2400	<0.5	7
98200	33200N	98200E	<1	42	<1	29	3	<1	2150	<1	1	<10	1.8	8	<0.5	12
98250	33200N	98250E	<1	75	5	45	15	<1	270	<1	3	<10	19.1	2170	<0.5	9
98300	33200N	98300E	<1	53	5	121	75	<1	1120	<1	13	<10	30.1	698	<0.5	21
98350	33200N	98350E	<1	154	2	30	15	<1	950	<1	3	<10	7.6	505	<0.5	11
98400	33200N	98400E	<1	61	4	44	8	<1	380	<1	1	<10	16.2	2590	<0.5	6
98450	33200N	98450E	<1	6	1	<5	<1	<1	670	<1	<1	<10	<0.5	<3	<0.5	25
Line 33400N																
97600	33400N	97600E	<1	101	2	42	8	<1	200	<1	2	<10	11.4	1500	<0.5	5
97650	33400N	97650E	<1	64	3	24	4	<1	580	<1	<1	<10	9	1320	<0.5	4
97700	33400N	97700E	<1	58	2	25	3	<1	550	<1	<1	<10	6.7	1390	<0.5	3
97750	33400N	97750E	<1	49	5	44	17	<1	730	<1	3	<10	13.6	1210	<0.5	4
97800	33400N	97800E	<1	19	2	103	33	<1	1210	<1	9	<10	11.8	156	<0.5	38
97850	33400N	97850E	<1	145	3	40	11	<1	690	<1	2	<10	16.3	1740	<0.5	8
97900	33400N	97900E	<1	49	3	35	9	<1	370	<1	2	<10	12	2020	<0.5	4
97950	33400N	97950E	<1	124	2	24	6	<1	460	<1	1	<10	10.2	1610	<0.5	5
98000	33400N	98000E	<1	87	3	43	12	<1	440	<1	2	<10	17	1940	<0.5	6
98050	33400N	98050E	<1	62	4	43	8	<1	260	<1	2	<10	18.3	2680	<0.5	7
98100	33400N	98100E	<1	47	2	26	9	<1	570	<1	2	<10	7	1070	<0.5	7
98150	33400N	98150E	<1	88	<1	80	34	<1	1310	<1	11	<10	7.4	11	<0.5	24
98200	33400N	98200E	<1	29	2	33	6	<1	840	<1	1	<10	8.2	486	<0.5	5
98250	33400N	98250E	<1	77	2	48	31	<1	820	<1	6	<10	9.9	560	<0.5	9
98300	33400N	98300E	<1	16	<1	9	2	<1	1390	<1	<1	<10	0.9	<3	<0.5	27
98350	33400N	98350E	<1	29	<1	14	10	<1	1670	<1	2	<10	3.6	4	<0.5	22
Line 33600N																
97650	33600N	97650E	<1	68	5	46	16	<1	470	<1	3	<10	23.5	1460	<0.5	10
97700	33600N	97700E	<1	119	2	17	5	<1	960	<1	<1	<10	5.5	668	<0.5	4
97750	33600N	97750E	<1	61	1	26	7	<1	850	<1	1	<10	9.5	1290	<0.5	4
97800	33600N	97800E	<1	80	2	37	39	<1	660	<1	7	<10	12.4	950	<0.5	7
97850	33600N	97850E	<1	72	3	41	7	<1	330	<1	1	<10	14.5	1560	<0.5	5
97900	33600N	97900E	<1	84	1	21	7	<1	520	<1	1	<10	10.9	1320	<0.5	4
97950	33600N	97950E	<1	42	1	36	9	<1	610	<1	2	<10	11.9	1330	<0.5	4
98000	33600N	98000E	<1	157	<1	7	4	<1	1460	<1	<1	<10	2.3	73	<0.5	4

ANALYTE			W	Y	Yb	Zn	Zr
DETECTION			1	5	1	20	5
UNITS			PPB	PPB	PPB	PPB	PPB
98600	33000N	98600E	2	87	7	260	73
Line 33200N							
97700	33200N	97700E	<1	<5	<1	570	<5
97750	33200N	97750E	<1	40	3	100	12
97800	33200N	97800E					
97850	33200N	97850E					
97900	33200N	97900E					
97950	33200N	97950E					
98000	33200N	98000E	1	18	2	870	42
98050	33200N	98050E	2	22	2	910	54
98100	33200N	98100E	1	22	2	970	44
98150	33200N	98150E	1	33	3	1170	56
98200	33200N	98200E	<1	38	3	50	8
98250	33200N	98250E	1	58	5	1680	59
98300	33200N	98300E	1	350	24	340	66
98350	33200N	98350E	<1	87	6	1040	20
98400	33200N	98400E	1	37	3	610	59
98450	33200N	98450E	<1	<5	<1	100	<5
Line 33400N							
97600	33400N	97600E	2	46	4	590	56
97650	33400N	97650E	<1	21	2	760	34
97700	33400N	97700E	<1	18	2	1590	28
97750	33400N	97750E	<1	71	6	1070	34
97800	33400N	97800E	<1	262	21	160	26
97850	33400N	97850E	1	49	4	880	46
97900	33400N	97900E	<1	41	3	180	41
97950	33400N	97950E	<1	28	2	290	71
98000	33400N	98000E	1	55	5	520	50
98050	33400N	98050E	2	34	3	450	77
98100	33400N	98100E	<1	58	4	170	21
98150	33400N	98150E	<1	427	33	1290	9
98200	33400N	98200E	<1	34	3	4930	21
98250	33400N	98250E	<1	190	12	2670	20
98300	33400N	98300E	<1	35	4	30	<5
98350	33400N	98350E	<1	63	4	310	7
Line 33600N							
97650	33600N	97650E	<1	59	5	760	50
97700	33600N	97700E	<1	25	2	2990	18
97750	33600N	97750E	<1	41	4	1180	26
97800	33600N	97800E	<1	172	12	210	26
97850	33600N	97850E	1	38	3	1000	48
97900	33600N	97900E	<1	35	3	2440	30
97950	33600N	97950E	<1	51	4	540	30
98000	33600N	98000E	<1	21	1	560	<5

ANALYTE			Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy
DETECTION			1	1	10	0.1	10	1	10	1	5	5	100	10	1
UNITS			PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB
98050	33600N	98050E	51	28	<10	0.3	250	<1	230	113	21	27	<100	970	9
98100	33600N	98100E	49	27	<10	2.4	980	<1	460	31	63	66	<100	1210	20
98150	33600N	98150E	59	23	<10	3.1	1010	<1	440	51	87	399	<100	1950	23
98200	33600N	98200E	6	29	<10	0.2	90	<1	150	50	<5	<5	<100	180	1
98250	33600N	98250E	3	12	<10	<0.1	100	<1	210	44	<5	16	<100	330	2
Grid 3															
Line 32200N															
599850	32200N	599850E	28	163	70	0.2	1770	<1	130	29	285	118	<100	570	40
599900	32200N	599900E	53	276	70	0.1	2240	<1	40	38	108	277	100	500	20
599950	32200N	599950E	8	106	190	0.5	2200	<1	150	12	261	306	<100	710	29
600000	32200N	600000E	13	209	110	0.1	1730	<1	120	62	309	245	<100	1800	64
600050	32200N	600050E	9	86	110	0.2	1570	<1	220	15	169	243	<100	800	27
600100	32200N	600100E	11	228	160	0.4	1630	1	100	16	260	382	100	1560	45
600150	32200N	600150E	17	86	40	0.1	1530	<1	220	26	200	125	<100	580	38
600200	32200N	600200E	21	79	30	0.2	1300	<1	260	45	198	56	<100	640	31
600250	32200N	600250E	33	81	<10	0.4	960	<1	370	29	86	16	<100	880	37
600300	32200N	600300E	9	19	<10	0.7	1160	<1	370	14	31	56	<100	880	9
600350	32200N	600350E	153	28	<10	0.2	680	<1	520	56	100	30	<100	610	17
600400	32200N	600400E	144	29	<10	0.3	690	<1	540	60	88	36	<100	620	17
600450	32200N	600450E	108	35	<10	0.3	1170	<1	390	19	23	45	<100	330	4
600500	32200N	600500E	104	135	90	0.2	660	<1	100	19	73	54	<100	240	14
600550	32200N	600550E	146	83	50	0.2	900	<1	290	30	54	59	<100	290	7
600600	32200N	600600E	83	184	100	<0.1	810	<1	130	42	47	143	<100	280	6
600650	32200N	600650E	184	164	180	0.3	790	<1	190	37	51	134	<100	530	6
600700	32200N	600700E	90	45	<10	0.3	1570	<1	360	16	68	17	<100	330	20
Line 32400N															
599750	32400N	599750E	9	59	80	0.5	1400	<1	160	10	113	57	<100	460	29
599800	32400N	599800E	7	120	70	0.3	1830	<1	40	10	245	240	<100	610	24
599850	32400N	599850E	15	187	40	0.2	1260	<1	70	23	76	192	<100	490	20
599900	32400N	599900E	10	203	20	0.1	840	<1	40	54	104	128	<100	830	39
599950	32400N	599950E	7	228	20	<0.1	1090	<1	50	46	74	238	<100	880	26
600000	32400N	600000E	14	85	50	0.3	1600	<1	270	35	147	98	<100	950	27
600050	32400N	600050E	11	64	80	0.2	1260	<1	220	24	192	171	<100	690	26
600100	32400N	600100E	12	100	20	0.1	1080	<1	250	58	54	145	<100	480	26
600150	32400N	600150E	4	32	<10	<0.1	260	<1	490	68	12	67	<100	520	7
600200	32400N	600200E	1	24	<10	<0.1	270	<1	550	114	9	99	<100	300	11
600250	32400N	600250E	21	25	<10	0.3	620	<1	590	41	44	124	<100	830	11
600300	32400N	600300E	10	60	<10	<0.1	220	<1	610	125	6	62	<100	1090	35
600350	32400N	600350E	14	31	<10	<0.1	290	<1	560	209	10	20	<100	230	4
600400	32400N	600400E	55	29	<10	0.3	1240	<1	480	43	66	153	<100	1390	14
600450	32400N	600450E	37	35	<10	0.5	1140	<1	520	61	347	319	<100	3630	28
600500	32400N	600500E	56	26	<10	0.3	830	<1	470	101	174	301	<100	1630	13
600550	32400N	600550E	132	42	<10	0.8	1160	<1	570	92	157	110	<100	4110	28

ANALYTE			Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr
DETECTION			0.5	0.5	1	1	1	5	1	5	0.5	1	5	10	1	1
UNITS			PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98050	33600N	98050E	5	2.1	23	10	7	<5	42	44	<0.5	17	934	30	<1	3
98100	33600N	98100E	9	6.6	8	29	18	<5	45	20	<0.5	54	154	50	<1	9
98150	33600N	98150E	11.2	6.7	12	31	19	<5	54	30	<0.5	51	372	90	<1	9
98200	33600N	98200E	1.3	<0.5	9	1	<1	<5	37	12	<0.5	2	234	30	<1	<1
98250	33600N	98250E	1	<0.5	10	2	1	<5	33	46	<0.5	3	216	30	<1	<1
Grid 3																
Line 32200N																
599850	32200N	599850E	17.3	13	112	55	144	<5	21	14	3.6	201	155	160	<1	45
599900	32200N	599900E	9.2	5.5	203	21	40	<5	6	16	4.9	70	197	160	<1	15
599950	32200N	599950E	13.1	9.9	145	41	105	<5	28	28	5.9	158	149	130	<1	34
600000	32200N	600000E	34.2	14.7	169	67	80	<5	31	22	4	165	456	290	<1	32
600050	32200N	600050E	12.7	9.2	112	39	77	<5	49	17	2.6	133	181	100	<1	27
600100	32200N	600100E	20.7	13.1	270	53	118	6	16	30	8.4	176	216	170	<1	39
600150	32200N	600150E	17	12.8	64	55	106	<5	31	10	1.6	187	129	90	<1	38
600200	32200N	600200E	14	10.7	52	46	77	<5	29	9	1	149	129	60	<1	31
600250	32200N	600250E	16.5	11.4	22	52	62	<5	31	<5	<0.5	135	267	50	<1	26
600300	32200N	600300E	3.7	3.4	11	14	13	<5	32	8	<0.5	36	91	20	<1	6
600350	32200N	600350E	7.5	5.6	11	26	20	<5	32	16	<0.5	58	196	10	<1	10
600400	32200N	600400E	7.8	5.9	12	26	21	<5	32	16	<0.5	60	212	10	<1	10
600450	32200N	600450E	1.8	1.8	16	7	8	<5	19	<5	<0.5	19	64	30	<1	4
600500	32200N	600500E	6.6	4	93	16	29	<5	9	17	2.3	50	40	160	<1	10
600550	32200N	600550E	3.3	2.3	57	9	15	<5	20	10	0.7	28	67	110	<1	6
600600	32200N	600600E	3.1	1.8	162	7	12	<5	13	15	2.6	20	89	140	<1	5
600650	32200N	600650E	2.6	1.7	107	6	13	<5	18	10	1.5	19	112	170	<1	4
600700	32200N	600700E	8.6	7.8	20	33	43	<5	36	6	<0.5	99	57	50	<1	18
Line 32400N																
599750	32400N	599750E	13.7	8.1	75	41	76	<5	32	12	2.1	141	115	100	<1	26
599800	32400N	599800E	10.5	6.2	98	30	65	5	11	9	2.2	106	117	240	<1	22
599850	32400N	599850E	8.9	4.4	114	22	34	8	13	9	2.4	67	116	130	<1	13
599900	32400N	599900E	19.2	7.4	71	39	38	13	18	5	1.9	104	187	120	<1	18
599950	32400N	599950E	13.4	4.6	127	24	32	24	10	5	1.4	64	186	120	<1	12
600000	32400N	600000E	12.8	6.7	56	33	41	<5	48	9	0.6	95	238	110	<1	17
600050	32400N	600050E	12.2	7.3	66	37	52	<5	33	12	1	112	165	90	<1	20
600100	32400N	600100E	12.3	6.5	45	33	47	<5	21	<5	0.6	97	133	110	<1	18
600150	32400N	600150E	4.1	1.6	22	9	7	<5	32	6	<0.5	19	244	50	<1	3
600200	32400N	600200E	5.9	2.3	8	13	7	<5	33	<5	<0.5	22	80	90	<1	3
600250	32400N	600250E	5.1	2.9	9	16	12	<5	42	19	<0.5	37	265	40	<1	6
600300	32400N	600300E	21.3	6.7	9	39	23	<5	42	<5	<0.5	68	182	90	<1	10
600350	32400N	600350E	2.2	1.1	12	6	5	<5	63	<5	<0.5	12	303	40	<1	2
600400	32400N	600400E	6.2	4.8	12	23	23	<5	59	8	<0.5	64	157	30	<1	10
600450	32400N	600450E	12.7	8.5	12	42	42	<5	67	13	<0.5	114	274	50	<1	18
600500	32400N	600500E	6.1	4	15	19	23	<5	48	59	<0.5	61	376	10	<1	11
600550	32400N	600550E	13.5	7.5	16	37	31	<5	62	8	<0.5	86	357	220	<1	14

ANALYTE			Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U
DETECTION			1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1
UNITS			PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98050	33600N	98050E	<1	13	<1	8	6	<1	1280	<1	1	<10	1.6	3	<0.5	32
98100	33600N	98100E	<1	24	<1	13	20	<1	2150	<1	4	<10	5.1	4	<0.5	12
98150	33600N	98150E	<1	23	<1	17	19	<1	2240	<1	4	<10	6.8	6	<0.5	26
98200	33600N	98200E	<1	<5	<1	<5	<1	<1	1140	<1	<1	<10	<0.5	<3	<0.5	42
98250	33600N	98250E	<1	<5	3	<5	1	<1	1100	<1	<1	<10	<0.5	3	<0.5	22
Grid 3																
Line 32200N																
599850	32200N	599850E	<1	94	1	44	48	<1	350	<1	8	<10	15.8	3690	<0.5	8
599900	32200N	599900E	<1	99	2	59	19	<1	180	<1	3	<10	20.8	3830	<0.5	7
599950	32200N	599950E	<1	35	3	50	38	<1	480	<1	6	<10	22.3	6600	<0.5	17
600000	32200N	600000E	<1	55	2	76	50	<1	500	<1	11	<10	27	4090	<0.5	20
600050	32200N	600050E	<1	44	1	32	34	<1	850	<1	5	<10	12.7	2520	<0.5	17
600100	32200N	600100E	<1	77	3	71	46	1	280	<1	8	<10	38.9	8830	0.5	24
600150	32200N	600150E	<1	39	<1	26	47	<1	650	<1	8	<10	11.4	1540	<0.5	11
600200	32200N	600200E	<1	65	<1	21	40	<1	770	<1	6	<10	9.5	817	<0.5	15
600250	32200N	600250E	<1	39	<1	13	39	<1	1120	<1	7	<10	6.2	149	<0.5	12
600300	32200N	600300E	<1	22	<1	6	11	<1	1530	<1	2	<10	4.9	13	<0.5	6
600350	32200N	600350E	<1	41	<1	7	20	<1	1900	<1	3	<10	3.2	4	<0.5	13
600400	32200N	600400E	<1	44	<1	8	20	<1	1940	<1	4	<10	3.3	4	<0.5	14
600450	32200N	600450E	<1	40	<1	<5	5	<1	1500	<1	<1	<10	1.8	23	<0.5	4
600500	32200N	600500E	<1	73	1	32	14	<1	300	<1	2	<10	10	2400	<0.5	7
600550	32200N	600550E	<1	64	<1	9	8	<1	1020	<1	1	<10	5.3	482	<0.5	3
600600	32200N	600600E	<1	63	<1	25	6	<1	340	<1	1	<10	9.2	1920	<0.5	5
600650	32200N	600650E	<1	66	1	21	5	<1	400	<1	1	<10	12.6	1030	<0.5	5
600700	32200N	600700E	<1	71	<1	6	27	<1	1850	<1	4	<10	4.8	27	<0.5	12
Line 32400N																
599750	32400N	599750E	<1	55	1	23	35	<1	660	<1	5	<10	8.1	2100	<0.5	8
599800	32400N	599800E	<1	46	2	39	27	<1	160	<1	4	<10	19	2600	<0.5	5
599850	32400N	599850E	<1	52	<1	31	18	<1	240	<1	3	<10	10.8	2430	<0.5	6
599900	32400N	599900E	<1	27	<1	39	29	<1	260	<1	6	<10	11.1	1990	<0.5	9
599950	32400N	599950E	<1	28	<1	29	18	<1	230	<1	4	<10	8.5	1170	<0.5	8
600000	32400N	600000E	<1	43	<1	23	28	<1	950	<1	4	<10	8	587	<0.5	19
600050	32400N	600050E	<1	34	<1	17	31	<1	790	<1	4	<10	8.7	948	<0.5	14
600100	32400N	600100E	<1	46	<1	15	27	<1	870	<1	4	<10	4	725	<0.5	6
600150	32400N	600150E	<1	5	<1	<5	6	<1	1590	<1	1	<10	0.6	9	<0.5	8
600200	32400N	600200E	<1	23	<1	<5	8	<1	1870	<1	2	<10	<0.5	4	<0.5	3
600250	32400N	600250E	<1	16	<1	5	12	<1	2230	<1	2	<10	4.2	<3	<0.5	19
600300	32400N	600300E	<1	11	<1	7	25	<1	2860	<1	5	<10	0.6	4	<0.5	76
600350	32400N	600350E	<1	19	<1	<5	4	<1	2390	<1	<1	<10	0.8	10	<0.5	10
600400	32400N	600400E	<1	28	<1	5	19	<1	2370	<1	3	<10	3.8	8	<0.5	8
600450	32400N	600450E	<1	35	<1	10	34	<1	2450	<1	5	<10	6.8	5	<0.5	18
600500	32400N	600500E	<1	36	<1	10	17	<1	2310	<1	2	<10	2.9	5	<0.5	8
600550	32400N	600550E	<1	41	<1	15	29	<1	2670	<1	4	<10	3.9	3	<0.5	8

ANALYTE			W	Y	Yb	Zn	Zr
DETECTION			1	5	1	20	5
UNITS			PPB	PPB	PPB	PPB	PPB
98050	33600N	98050E	<1	58	4	230	<5
98100	33600N	98100E	<1	95	7	100	7
98150	33600N	98150E	<1	110	9	180	8
98200	33600N	98200E	<1	8	2	630	<5
98250	33600N	98250E	<1	10	<1	590	<5
Grid 3							
Line 32200N							
599850	32200N	599850E	1	171	12	410	42
599900	32200N	599900E	1	77	8	550	69
599950	32200N	599950E	2	123	10	300	71
600000	32200N	600000E	2	342	26	640	52
600050	32200N	600050E	<1	129	10	230	37
600100	32200N	600100E	2	190	16	510	115
600150	32200N	600150E	<1	164	13	290	27
600200	32200N	600200E	<1	132	10	540	21
600250	32200N	600250E	<1	188	11	70	11
600300	32200N	600300E	<1	41	3	130	7
600350	32200N	600350E	<1	95	5	90	<5
600400	32200N	600400E	<1	98	6	70	5
600450	32200N	600450E	<1	18	1	180	<5
600500	32200N	600500E	<1	57	5	260	35
600550	32200N	600550E	<1	29	3	490	17
600600	32200N	600600E	<1	26	2	940	40
600650	32200N	600650E	<1	23	2	960	30
600700	32200N	600700E	<1	101	6	220	7
Line 32400N							
599750	32400N	599750E	1	140	11	100	32
599800	32400N	599800E	<1	88	8	310	55
599850	32400N	599850E	<1	80	7	420	34
599900	32400N	599900E	<1	202	14	620	21
599950	32400N	599950E	<1	112	10	910	19
600000	32400N	600000E	<1	109	10	320	23
600050	32400N	600050E	<1	113	9	230	25
600100	32400N	600100E	<1	118	9	1010	12
600150	32400N	600150E	<1	44	3	500	<5
600200	32400N	600200E	<1	61	5	1410	<5
600250	32400N	600250E	<1	55	4	70	6
600300	32400N	600300E	<1	212	17	60	<5
600350	32400N	600350E	<1	22	2	610	<5
600400	32400N	600400E	<1	69	5	220	6
600450	32400N	600450E	<1	130	10	100	10
600500	32400N	600500E	<1	58	5	70	10
600550	32400N	600550E	<1	129	11	510	8

ANALYTE			Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy
DETECTION			1	1	10	0.1	10	1	10	1	5	5	100	10	1
UNITS			PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB
600600	32400N	600600E	3	7	<10	<0.1	100	<1	430	36	<5	85	<100	210	<1
600650	32400N	600650E	<1	4	20	<0.1	130	<1	570	49	<5	72	<100	50	2
Line 32600N															
599700	32600N	599700E	18	202	120	<0.1	1670	<1	90	32	48	292	100	400	5
599750	32600N	599750E	2	164	30	<0.1	870	<1	130	75	80	229	<100	1220	28
599800	32600N	599800E	13	176	90	0.2	900	<1	150	90	245	300	<100	970	39
599850	32600N	599850E													
599900	32600N	599900E	19	132	40	0.1	740	<1	230	119	325	188	<100	2280	120
599950	32600N	599950E	21	129	<10	<0.1	790	<1	190	234	19	97	<100	5490	114
600000	32600N	600000E	<1	47	<10	<0.1	250	<1	360	123	17	27	<100	870	16
600050	32600N	600050E	<1	19	<10	<0.1	170	<1	450	63	<5	36	<100	350	4
600100	32600N	600100E	89	38	<10	0.4	350	<1	480	128	65	17	<100	1320	17
600150	32600N	600150E	7	35	<10	0.1	510	<1	490	196	25	32	<100	1000	18
600200	32600N	600200E	41	23	<10	0.3	510	<1	540	42	29	119	<100	740	14
600250	32600N	600250E	24	26	<10	<0.1	330	<1	430	109	21	27	<100	530	11
600300	32600N	600300E	42	32	<10	0.3	730	<1	380	32	56	35	<100	1630	31
600350	32600N	600350E	123	34	<10	0.6	790	<1	530	113	56	39	<100	1070	33
600400	32600N	600400E	77	33	<10	0.9	650	<1	470	78	106	182	<100	1970	31
Line 32800N															
599800	32800N	599800E	49	136	130	0.3	780	<1	140	48	59	154	<100	520	10
599850	32800N	599850E	38	105	60	0.3	830	<1	270	60	93	99	<100	910	55
599900	32800N	599900E	47	93	<10	0.3	1010	<1	420	121	53	47	<100	1500	71
599950	32800N	599950E													
600000	32800N	600000E	19	23	<10	0.6	470	<1	370	56	160	34	<100	820	25
600050	32800N	600050E													
600100	32800N	600100E	73	45	<10	1.1	1050	<1	530	54	73	16	<100	1830	53
600150	32800N	600150E													
600200	32800N	600200E	38	15	<10	0.6	660	<1	410	23	39	175	<100	1010	10
600250	32800N	600250E	36	29	<10	0.4	890	<1	370	39	10	36	<100	680	11
600300	32800N	600300E	20	43	<10	0.2	710	<1	490	170	63	30	<100	990	31
600350	32800N	600350E	58	19	<10	0.8	800	<1	410	35	18	54	<100	1120	20
600400	32800N	600400E	61	40	40	0.2	130	<1	180	49	<5	31	<100	820	4
Line 33000N															
599350	33000N	599350E	46	145	80	0.3	1630	<1	190	32	136	179	<100	490	42
599400	33000N	599400E	50	99	40	0.3	1280	<1	300	69	183	143	<100	780	47
599450	33000N	599450E	31	72	<10	1	1020	<1	360	60	155	666	<100	6090	68
599500	33000N	599500E	33	76	80	0.8	1610	<1	270	29	475	624	<100	2510	40
599550	33000N	599550E	50	53	90	0.9	1110	<1	320	30	313	453	<100	2490	68
599600	33000N	599600E	39	89	100	0.3	1180	<1	260	37	196	647	<100	1950	88
599650	33000N	599650E	18	104	170	0.5	2520	<1	190	20	264	283	200	1170	39
599700	33000N	599700E	51	110	130	0.5	1490	<1	280	61	712	172	<100	2330	119
599750	33000N	599750E	87	80	60	0.6	870	<1	370	87	505	110	<100	2620	86
599800	33000N	599800E	84	58	<10	0.4	870	<1	470	47	49	77	<100	1310	35
599850	33000N	599850E	58	66	<10	0.3	690	<1	590	79	30	16	<100	1770	42

ANALYTE			Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr
DETECTION			0.5	0.5	1	1	1	5	1	5	0.5	1	5	10	1	1
UNITS			PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
600600	32400N	600600E	0.5	<0.5	30	<1	<1	<5	43	19	<0.5	1	172	10	<1	<1
600650	32400N	600650E	2.3	<0.5	5	1	1	<5	68	<5	<0.5	2	33	130	<1	<1
Line 32600N																
599700	32600N	599700E	2.1	1.3	248	5	20	<5	8	12	7.2	20	131	130	<1	5
599750	32600N	599750E	15.5	5.7	72	24	33	<5	19	10	0.9	55	156	160	<1	11
599800	32600N	599800E	19.6	11.5	99	44	81	<5	15	26	1.7	128	281	230	<1	27
599850	32600N	599850E														
599900	32600N	599900E	58.9	34.5	46	137	197	<5	35	8	0.6	360	620	160	<1	76
599950	32600N	599950E	124	5.3	33	28	8	<5	43	<5	<0.5	30	558	220	<1	5
600000	32600N	600000E	11.1	3.8	31	16	16	<5	36	9	<0.5	30	153	70	<1	6
600050	32600N	600050E	2.8	1.1	7	5	4	<5	35	21	<0.5	8	201	30	<1	1
600100	32600N	600100E	9.3	5.3	9	21	16	<5	43	11	<0.5	38	896	30	<1	7
600150	32600N	600150E	11.2	4.2	7	19	15	<5	56	<5	<0.5	30	298	30	<1	6
600200	32600N	600200E	7.2	4.5	11	19	14	<5	56	22	<0.5	33	429	40	<1	6
600250	32600N	600250E	6.4	3.3	6	13	9	<5	52	<5	<0.5	23	468	40	<1	4
600300	32600N	600300E	13.8	11.3	11	44	43	<5	52	7	<0.5	96	297	40	<1	17
600350	32600N	600350E	15.9	10.4	11	42	38	<5	58	7	<0.5	80	442	40	<1	14
600400	32600N	600400E	15.8	10.1	16	41	38	<5	52	16	<0.5	81	812	100	<1	15
Line 32800N																
599800	32800N	599800E	4.8	3.3	138	12	25	<5	14	19	2.9	38	137	200	<1	8
599850	32800N	599850E	25.6	18.8	51	72	120	<5	27	10	0.6	200	252	170	<1	41
599900	32800N	599900E	37.1	21.9	15	87	118	<5	32	<5	<0.5	198	479	110	<1	40
599950	32800N	599950E														
600000	32800N	600000E	11.3	8.4	10	33	30	<5	44	18	<0.5	71	188	50	<1	12
600050	32800N	600050E														
600100	32800N	600100E	28.9	14.4	8	62	48	<5	57	6	<0.5	105	388	60	<1	19
600150	32800N	600150E														
600200	32800N	600200E	4.8	3.8	9	15	14	<5	37	15	<0.5	33	128	20	<1	6
600250	32800N	600250E	4.7	4.5	11	17	21	<5	37	5	<0.5	43	89	30	<1	8
600300	32800N	600300E	17.8	8.8	10	37	27	<5	50	7	<0.5	60	460	50	<1	10
600350	32800N	600350E	9	7.4	8	28	18	<5	40	8	<0.5	50	152	70	<1	8
600400	32800N	600400E	2.8	0.6	9	3	1	<5	22	50	<0.5	4	295	10	<1	<1
Line 33000N																
599350	33000N	599350E	19.7	12.2	122	59	110	<5	19	11	1.3	193	125	200	<1	38
599400	33000N	599400E	23.3	13	79	66	91	<5	30	8	0.7	196	229	120	<1	35
599450	33000N	599450E	39	16.9	114	83	111	<5	48	9	<0.5	242	331	60	<1	44
599500	33000N	599500E	20.1	11.9	135	57	114	<5	25	28	1	215	187	90	<1	42
599550	33000N	599550E	33.6	21.3	77	101	147	<5	33	22	<0.5	329	255	110	<1	59
599600	33000N	599600E	44.1	26.6	220	125	198	<5	27	13	1.5	416	222	150	<1	78
599650	33000N	599650E	17.9	11.8	128	56	93	<5	25	17	1.5	172	211	220	<1	33
599700	33000N	599700E	57.4	33.3	125	158	209	<5	27	18	0.9	465	518	300	<1	86
599750	33000N	599750E	40.4	25.2	47	123	134	<5	29	13	<0.5	325	452	180	<1	57
599800	33000N	599800E	16.8	10.2	15	50	47	<5	36	11	<0.5	120	403	70	<1	20
599850	33000N	599850E	25.7	8.9	8	48	35	<5	47	<5	<0.5	89	947	50	<1	14

ANALYTE			Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U
DETECTION			1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1
UNITS			PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
600600	32400N	600600E	<1	<5	1	<5	<1	<1	1680	<1	<1	<10	<0.5	<3	<0.5	17
600650	32400N	600650E	<1	19	<1	<5	<1	<1	2360	<1	<1	<10	<0.5	7	<0.5	13
Line 32600N																
599700	32600N	599700E	<1	41	<1	33	5	1	350	<1	<1	<10	12.1	2930	<0.5	5
599750	32600N	599750E	<1	44	<1	32	16	<1	490	<1	5	<10	10.4	674	<0.5	6
599800	32600N	599800E	<1	64	1	38	36	<1	470	<1	8	<10	16.4	1100	<0.5	19
599850	32600N	599850E														
599900	32600N	599900E	<1	42	<1	72	103	<1	810	<1	24	<10	22.6	444	<0.5	42
599950	32600N	599950E	<1	24	<1	59	12	<1	1350	<1	11	<10	4.2	7	<0.5	45
600000	32600N	600000E	<1	7	<1	8	10	<1	1690	<1	3	<10	0.6	12	<0.5	57
600050	32600N	600050E	<1	<5	<1	<5	3	<1	2030	<1	<1	<10	<0.5	<3	<0.5	31
600100	32600N	600100E	<1	26	<1	9	15	<1	2420	<1	3	<10	1.2	<3	<0.5	36
600150	32600N	600150E	<1	27	<1	8	11	<1	2720	<1	3	<10	1.1	<3	<0.5	27
600200	32600N	600200E	<1	29	<1	7	12	<1	2890	<1	3	<10	1.8	<3	<0.5	19
600250	32600N	600250E	<1	32	<1	6	9	<1	2540	<1	2	<10	0.7	<3	<0.5	22
600300	32600N	600300E	<1	25	<1	10	32	<1	1870	<1	7	<10	4.3	12	<0.5	20
600350	32600N	600350E	<1	31	<1	11	29	<1	2970	<1	7	<10	3.7	<3	<0.5	29
600400	32600N	600400E	<1	29	<1	15	28	<1	2530	<1	7	<10	4.3	4	<0.5	19
Line 32800N																
599800	32800N	599800E	<1	65	1	24	10	<1	470	<1	2	<10	9.3	2030	<0.5	4
599850	32800N	599850E	<1	88	<1	24	57	<1	800	<1	12	<10	7.8	499	<0.5	13
599900	32800N	599900E	<1	76	<1	23	61	<1	1750	<1	15	<10	3.9	7	<0.5	33
599950	32800N	599950E														
600000	32800N	600000E	<1	22	<1	12	24	<1	1730	<1	5	<10	7.9	5	<0.5	13
600050	32800N	600050E														
600100	32800N	600100E	<1	38	<1	16	39	<1	3030	<1	10	<10	2.3	4	<0.5	58
600150	32800N	600150E														
600200	32800N	600200E	<1	16	<1	8	11	<1	2180	<1	2	<10	4.3	<3	<0.5	12
600250	32800N	600250E	<1	42	<1	6	13	<1	1600	<1	2	<10	2.4	25	<0.5	6
600300	32800N	600300E	<1	54	<1	10	22	<1	2700	<1	6	<10	1.3	<3	<0.5	22
600350	32800N	600350E	<1	32	<1	12	18	<1	2240	<1	4	<10	3.1	<3	<0.5	14
600400	32800N	600400E	<1	52	<1	8	1	<1	1580	<1	<1	<10	0.8	<3	<0.5	29
Line 33000N																
599350	33000N	599350E	<1	58	<1	31	49	<1	530	<1	7	<10	10.5	1020	<0.5	6
599400	33000N	599400E	<1	55	<1	28	54	<1	900	<1	8	<10	8.2	619	<0.5	18
599450	33000N	599450E	<1	40	<1	106	64	<1	1530	<1	10	<10	6.9	34	<0.5	76
599500	33000N	599500E	<1	63	2	48	50	<1	960	<1	7	<10	16.7	677	<0.5	29
599550	33000N	599550E	<1	37	1	45	84	<1	1220	<1	11	<10	16.3	334	<0.5	33
599600	33000N	599600E	<1	68	2	60	105	<1	900	<1	15	<10	11.4	1150	<0.5	18
599650	33000N	599650E	<1	78	2	42	45	<1	700	<1	7	<10	15	1380	<0.5	9
599700	33000N	599700E	<1	39	2	99	131	<1	900	<1	19	<10	22.7	655	<0.5	30
599750	33000N	599750E	<1	57	<1	33	97	<1	1210	<1	15	<10	13.8	195	<0.5	39
599800	33000N	599800E	<1	24	<1	12	39	<1	1680	<1	6	<10	5.6	11	<0.5	25
599850	33000N	599850E	<1	13	<1	17	31	<1	2350	<1	6	<10	1.1	<3	<0.5	51

ANALYTE			W	Y	Yb	Zn	Zr
DETECTION			1	5	1	20	5
UNITS			PPB	PPB	PPB	PPB	PPB
600600	32400N	600600E	<1	6	<1	600	<5
600650	32400N	600650E	<1	17	2	1830	<5
Line 32600N							
599700	32600N	599700E	1	22	2	1220	56
599750	32600N	599750E	<1	163	12	1550	16
599800	32600N	599800E	<1	196	15	1730	33
599850	32600N	599850E					
599900	32600N	599900E	<1	677	41	1680	22
599950	32600N	599950E	<1	821	101	1040	5
600000	32600N	600000E	<1	135	10	1710	<5
600050	32600N	600050E	<1	35	2	830	<5
600100	32600N	600100E	<1	122	7	290	7
600150	32600N	600150E	<1	128	9	1100	<5
600200	32600N	600200E	<1	91	5	160	5
600250	32600N	600250E	<1	67	5	420	<5
600300	32600N	600300E	<1	197	10	150	9
600350	32600N	600350E	<1	208	12	160	8
600400	32600N	600400E	<1	192	12	300	10
Line 32800N							
599800	32800N	599800E	<1	53	4	860	32
599850	32800N	599850E	<1	320	18	580	18
599900	32800N	599900E	<1	482	26	520	9
599950	32800N	599950E					
600000	32800N	600000E	<1	140	8	60	13
600050	32800N	600050E					
600100	32800N	600100E	<1	348	21	30	6
600150	32800N	600150E					
600200	32800N	600200E	<1	68	3	20	6
600250	32800N	600250E	<1	66	3	430	<5
600300	32800N	600300E	<1	218	14	700	<5
600350	32800N	600350E	<1	119	6	90	6
600400	32800N	600400E	<1	27	3	330	<5
Line 33000N							
599350	33000N	599350E	<1	200	15	820	31
599400	33000N	599400E	<1	215	18	690	19
599450	33000N	599450E	<1	438	33	170	16
599500	33000N	599500E	<1	177	18	380	41
599550	33000N	599550E	<1	379	27	110	35
599600	33000N	599600E	1	492	37	470	27
599650	33000N	599650E	<1	152	15	460	40
599700	33000N	599700E	1	589	47	710	52
599750	33000N	599750E	<1	445	31	350	29
599800	33000N	599800E	<1	163	13	50	10
599850	33000N	599850E	<1	255	21	100	6

ANALYTE			Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy
DETECTION			1	1	10	0.1	10	1	10	1	5	5	100	10	1
UNITS			PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB
599900	33000N	599900E	97	64	<10	0.6	810	<1	540	95	60	26	<100	1960	64
599950	33000N	599950E	62	60	<10	0.5	1130	<1	420	50	37	71	<100	870	35
600000	33000N	600000E	50	45	<10	0.5	1120	<1	430	46	32	48	<100	1110	38
600050	33000N	600050E													
600100	33000N	600100E	8	32	20	0.2	670	<1	390	54	106	238	<100	2660	11
600150	33000N	600150E	47	39	<10	0.3	730	<1	520	115	35	222	<100	1710	14
600200	33000N	600200E	38	47	<10	0.2	460	<1	500	92	18	13	<100	1130	44
600250	33000N	600250E	1	6	<10	<0.1	150	<1	460	32	<5	14	<100	30	<1
600300	33000N	600300E	<1	7	<10	<0.1	180	<1	380	23	<5	13	<100	90	1
600350	33000N	600350E	53	16	<10	1.1	1060	<1	330	17	25	44	<100	860	17
Line 33200N															
599250	33400N	599250E	55	27	<10	0.1	1010	<1	350	31	34	25	<100	470	17
599300	33400N	599300E	27	40	<10	0.2	1020	<1	410	46	89	65	<100	920	31
599350	33400N	599350E	24	52	50	0.8	1140	<1	300	17	241	134	<100	1570	68
599400	33400N	599400E	40	76	<10	0.3	1080	<1	340	59	416	33	<100	1740	80
599450	33400N	599450E	28	93	10	0.4	1260	<1	330	49	144	38	<100	1090	95
599500	33400N	599500E	28	93	<10	0.2	2500	<1	660	37	123	59	<100	480	51
599550	33400N	599550E	26	69	20	0.3	1390	<1	290	39	278	34	<100	870	76
599600	33400N	599600E	24	62	120	0.3	1350	<1	200	21	347	180	<100	1220	54
599650	33400N	599650E	26	15	<10	2.8	700	<1	400	33	102	62	<100	1400	22
599700	33400N	599700E	27	21	<10	1.9	1010	<1	350	16	99	60	<100	1640	48
599750	33400N	599750E	50	85	<10	0.4	1470	<1	380	58	95	15	<100	1330	107
599800	33400N	599800E	37	38	<10	0.1	540	<1	380	71	47	6	<100	700	28
599850	33400N	599850E	91	21	<10	2.9	1050	<1	450	28	46	62	<100	1080	31
599900	33400N	599900E	47	60	40	0.1	730	<1	270	27	78	44	<100	630	23
599950	33400N	599950E	84	87	30	0.3	1030	<1	280	64	127	53	<100	670	45
600000	33400N	600000E	96	32	<10	0.8	1100	<1	400	17	47	24	<100	790	37
600050	33400N	600050E	33	10	<10	1.3	260	<1	370	15	<5	33	<100	1250	5
600100	33400N	600100E	13	15	<10	0.2	30	<1	220	81	7	13	<100	570	5
600150	33400N	600150E	50	27	<10	1.5	870	<1	500	26	46	439	<100	4890	34
Line 33400N															
599200	33400N	599200E	27	184	50	<0.1	1160	<1	140	13	62	147	<100	300	21
599250	33400N	599250E	48	42	10	0.9	1380	<1	350	14	245	41	<100	1910	86
599300	33400N	599300E	98	76	<10	0.3	1500	<1	430	58	79	14	<100	1870	121
599350	33400N	599350E	62	34	<10	0.4	1230	<1	430	54	57	7	<100	850	40
599400	33400N	599400E	68	84	<10	0.3	1120	<1	430	49	43	21	<100	1730	128
599450	33400N	599450E	37	102	<10	0.1	1250	<1	390	90	79	32	<100	2240	226
599500	33400N	599500E	54	44	10	0.3	1010	<1	300	33	43	31	<100	560	35
599550	33400N	599550E	55	43	10	0.4	1020	<1	300	45	65	80	<100	1020	56
599600	33400N	599600E	36	35	40	1	930	<1	250	15	73	18	<100	800	41
599650	33400N	599650E	53	50	<10	0.3	810	<1	390	66	84	13	<100	980	55
599700	33400N	599700E	7	54	<10	0.3	350	<1	380	74	32	9	<100	1330	31
599750	33400N	599750E	26	38	30	0.2	900	<1	250	121	113	78	<100	610	14
599800	33400N	599800E	77	23	<10	0.4	640	<1	410	48	35	22	<100	1310	21

ANALYTE			Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr
DETECTION			0.5	0.5	1	1	1	5	1	5	0.5	1	5	10	1	1
UNITS			PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
599900	33000N	599900E	33.8	16.2	9	85	65	<5	50	<5	<0.5	176	936	60	<1	28
599950	33000N	599950E	18.1	9.2	17	46	43	<5	43	<5	<0.5	106	221	80	<1	18
600000	33000N	600000E	17.7	12	12	59	52	<5	37	<5	<0.5	144	188	50	<1	23
600050	33000N	600050E														
600100	33000N	600100E	6.2	3.6	79	16	28	<5	32	35	<0.5	62	363	50	<1	12
600150	33000N	600150E	7.6	3.7	17	18	16	<5	49	6	<0.5	43	611	40	<1	7
600200	33000N	600200E	24.4	10.8	14	54	37	<5	66	6	<0.5	108	345	50	<1	17
600250	33000N	600250E	<0.5	<0.5	22	<1	<1	<5	59	80	<0.5	1	187	<10	<1	<1
600300	33000N	600300E	0.9	<0.5	16	2	2	<5	48	26	<0.5	4	175	<10	<1	<1
600350	33000N	600350E	7.5	5.7	12	24	15	<5	35	13	<0.5	46	85	30	<1	7
Line 33200N																
599250	33400N	599250E	7.4	6.6	19	27	34	<5	30	<5	<0.5	77	108	60	<1	14
599300	33400N	599300E	14.3	11.5	26	47	64	<5	45	5	<0.5	131	253	30	<1	25
599350	33400N	599350E	31.7	23.4	46	97	147	<5	39	10	<0.5	284	258	120	<1	55
599400	33400N	599400E	43.7	21.8	26	96	87	<5	46	<5	<0.5	203	375	220	<1	38
599450	33400N	599450E	48.7	28.2	21	121	125	<5	40	<5	<0.5	279	297	150	<1	53
599500	33400N	599500E	25.7	16.6	28	70	128	<5	111	<5	<0.5	198	293	200	<1	39
599550	33400N	599550E	33.9	25.8	31	108	133	<5	47	5	<0.5	296	237	120	<1	56
599600	33400N	599600E	26.5	19.3	115	79	150	<5	34	19	1.3	259	211	160	<1	53
599650	33400N	599650E	8.4	9.3	5	37	26	<5	38	21	<0.5	76	256	110	<1	12
599700	33400N	599700E	21.4	16.4	13	69	46	<5	69	9	<0.5	126	239	180	<1	20
599750	33400N	599750E	54.1	28.6	13	125	116	<5	63	<5	<0.5	259	405	150	<1	48
599800	33400N	599800E	14.5	9.8	7	41	32	<5	54	<5	<0.5	89	436	60	<1	15
599850	33400N	599850E	13.3	11.9	7	50	23	<5	53	8	<0.5	71	168	170	<1	11
599900	33400N	599900E	10.6	9.2	64	36	55	<5	36	<5	0.6	103	164	180	<1	20
599950	33400N	599950E	18.7	17	42	66	81	<5	36	<5	<0.5	169	184	400	<1	32
600000	33400N	600000E	15.3	15.6	6	61	49	<5	58	<5	<0.5	132	130	160	<1	21
600050	33400N	600050E	4.2	0.6	5	3	<1	<5	58	7	<0.5	<1	105	60	<1	<1
600100	33400N	600100E	2.9	1.7	15	7	5	<5	50	6	<0.5	16	442	<10	<1	3
600150	33400N	600150E	17.1	8.6	8	40	18	<5	60	13	<0.5	60	261	520	<1	10
Line 33400N																
599200	33400N	599200E	9.9	6.6	172	27	43	<5	8	8	2	77	89	270	<1	16
599250	33400N	599250E	40.9	29.8	19	125	121	<5	47	5	0.6	300	216	150	<1	53
599300	33400N	599300E	61.3	36	13	156	151	<5	66	<5	<0.5	323	665	170	<1	60
599350	33400N	599350E	18.2	15.2	10	62	52	<5	58	<5	<0.5	136	227	60	<1	23
599400	33400N	599400E	72.7	32.9	9	150	116	<5	65	<5	<0.5	272	663	220	<1	49
599450	33400N	599450E	133	48	17	225	167	<5	73	<5	<0.5	384	773	480	<1	69
599500	33400N	599500E	15.9	13	27	51	52	<5	52	<5	<0.5	119	212	160	<1	22
599550	33400N	599550E	26.4	19.6	26	78	69	<5	63	<5	<0.5	176	325	150	<1	31
599600	33400N	599600E	18	15.9	34	63	56	<5	51	5	<0.5	145	188	140	<1	26
599650	33400N	599650E	26.1	18.4	8	77	50	<5	71	<5	<0.5	144	673	200	<1	24
599700	33400N	599700E	17.8	9.3	7	40	31	<5	42	<5	<0.5	79	507	100	<1	14
599750	33400N	599750E	5.8	6.3	39	23	33	<5	22	<5	<0.5	68	288	240	<1	13
599800	33400N	599800E	8.9	8.8	11	35	23	<5	59	<5	<0.5	72	398	110	<1	12

ANALYTE			Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U
DETECTION			1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1
UNITS			PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
599900	33000N	599900E	<1	23	<1	12	59	<1	2300	<1	10	<10	1.8	<3	<0.5	47
599950	33000N	599950E	<1	28	<1	14	33	<1	1700	<1	5	<10	3.2	4	<0.5	21
600000	33000N	600000E	<1	41	<1	7	45	<1	1580	<1	7	<10	3.7	7	<0.5	29
600050	33000N	600050E														
600100	33000N	600100E	<1	12	1	18	16	<1	1440	<1	2	<10	3.8	23	<0.5	27
600150	33000N	600150E	<1	18	<1	8	14	<1	2160	<1	2	<10	1.4	<3	<0.5	18
600200	33000N	600200E	<1	8	<1	6	37	<1	2460	<1	7	<10	0.7	<3	<0.5	111
600250	33000N	600250E	<1	<5	<1	13	<1	<1	2570	<1	<1	<10	<0.5	<3	<0.5	29
600300	33000N	600300E	<1	<5	<1	11	1	<1	1840	<1	<1	<10	<0.5	<3	<0.5	14
600350	33000N	600350E	<1	34	<1	22	17	<1	1840	<1	3	<10	2.3	15	<0.5	13
Line 33200N																
599250	33400N	599250E	<1	57	<1	7	22	<1	1320	<1	3	<10	3.7	73	<0.5	7
599300	33400N	599300E	<1	52	1	13	37	<1	1670	<1	6	<10	4.3	7	<0.5	23
599350	33400N	599350E	<1	35	<1	35	77	<1	1200	<1	13	<10	14.3	278	<0.5	35
599400	33400N	599400E	<1	57	<1	37	65	<1	1250	<1	14	<10	7.4	18	<0.5	30
599450	33400N	599450E	<1	64	<1	45	90	<1	1220	<1	18	<10	8.2	51	<0.5	22
599500	33400N	599500E	<1	19	<1	27	53	<1	3250	<1	10	<10	3.8	9	<0.5	10
599550	33400N	599550E	<1	55	<1	32	85	<1	1270	<1	15	<10	9.2	147	<0.5	22
599600	33400N	599600E	<1	46	2	38	67	<1	850	<1	11	<10	20.5	976	<0.5	20
599650	33400N	599650E	<1	22	<1	19	27	<1	1970	<1	5	<10	6.9	7	<0.5	16
599700	33400N	599700E	<1	16	<1	32	46	<1	1940	<1	9	<10	10.5	18	<0.5	31
599750	33400N	599750E	<1	61	<1	45	86	<1	1920	<1	18	<10	7.3	6	<0.5	43
599800	33400N	599800E	<1	23	<1	9	29	<1	1790	<1	5	<10	1.1	<3	<0.5	24
599850	33400N	599850E	<1	17	<1	21	31	55	2260	<1	6	<10	4.1	41	<0.5	20
599900	33400N	599900E	<1	33	<1	19	29	<1	830	<1	5	<10	5	320	<0.5	5
599950	33400N	599950E	<1	47	<1	30	52	<1	860	<1	9	<10	7.7	215	<0.5	14
600000	33400N	600000E	<1	18	<1	21	45	<1	1810	<1	8	<10	5.9	5	<0.5	18
600050	33400N	600050E	<1	11	<1	11	<1	<1	2210	<1	<1	<10	1.6	<3	<0.5	14
600100	33400N	600100E	<1	<5	<1	<5	5	<1	1470	<1	<1	<10	<0.5	<3	<0.5	236
600150	33400N	600150E	<1	17	<1	19	23	<1	2490	<1	6	<10	12.4	<3	<0.5	105
Line 33400N																
599200	33400N	599200E	<1	52	<1	33	22	<1	430	<1	4	<10	9.1	1160	<0.5	5
599250	33400N	599250E	<1	41	<1	37	94	<1	1650	1	17	<10	13.4	35	1	45
599300	33400N	599300E	<1	34	<1	54	107	<1	2280	<1	22	<10	4.4	<3	0.6	59
599350	33400N	599350E	<1	48	<1	12	46	<1	2050	<1	8	<10	5.2	<3	0.5	19
599400	33400N	599400E	<1	29	<1	51	97	<1	2070	<1	22	<10	4.5	<3	<0.5	51
599450	33400N	599450E	<1	54	<1	114	136	<1	2150	<1	36	<10	11.8	<3	0.5	63
599500	33400N	599500E	<1	31	<1	18	37	<1	1540	<1	7	<10	5.6	72	<0.5	11
599550	33400N	599550E	<1	53	<1	36	57	<1	1710	<1	11	<10	5.8	75	<0.5	32
599600	33400N	599600E	<1	27	1	28	47	<1	1410	<1	8	<10	10	117	0.6	15
599650	33400N	599650E	<1	27	<1	16	53	<1	1930	<1	11	<10	3	4	<0.5	19
599700	33400N	599700E	<1	18	<1	14	28	2	1740	<1	6	<10	0.8	<3	<0.5	70
599750	33400N	599750E	<1	55	2	10	19	<1	990	<1	3	<10	7.1	246	<0.5	3
599800	33400N	599800E	<1	30	<1	10	26	<1	1880	<1	4	<10	2.8	6	<0.5	28

ANALYTE			W	Y	Yb	Zn	Zr
DETECTION			1	5	1	20	5
UNITS			PPB	PPB	PPB	PPB	PPB
599900	33000N	599900E	<1	441	26	110	8
599950	33000N	599950E	<1	168	14	270	7
600000	33000N	600000E	<1	186	13	580	7
600050	33000N	600050E					
600100	33000N	600100E	<1	59	6	130	9
600150	33000N	600150E	<1	77	6	320	<5
600200	33000N	600200E	<1	240	19	360	<5
600250	33000N	600250E	<1	<5	<1	290	<5
600300	33000N	600300E	<1	12	<1	460	<5
600350	33000N	600350E	<1	91	6	80	6
Line 33200N							
599250	33400N	599250E	<1	82	5	180	6
599300	33400N	599300E	<1	168	10	160	6
599350	33400N	599350E	<1	336	24	160	25
599400	33400N	599400E	<1	427	34	620	17
599450	33400N	599450E	<1	486	37	240	16
599500	33400N	599500E	<1	282	19	570	<5
599550	33400N	599550E	<1	373	24	260	17
599600	33400N	599600E	<1	266	21	270	40
599650	33400N	599650E	<1	111	6	20	7
599700	33400N	599700E	<1	228	15	70	13
599750	33400N	599750E	<1	575	39	340	10
599800	33400N	599800E	<1	171	11	70	<5
599850	33400N	599850E	<1	143	9	90	5
599900	33400N	599900E	<1	118	8	490	13
599950	33400N	599950E	<1	198	14	410	13
600000	33400N	600000E	<1	179	10	30	8
600050	33400N	600050E	<1	25	4	60	<5
600100	33400N	600100E	<1	34	3	130	<5
600150	33400N	600150E	<1	150	13	110	17
Line 33400N							
599200	33400N	599200E	<1	97	8	330	25
599250	33400N	599250E	2	435	31	70	23
599300	33400N	599300E	<1	685	46	150	8
599350	33400N	599350E	<1	224	13	500	7
599400	33400N	599400E	1	803	54	170	8
599450	33400N	599450E	2	1520	93	120	8
599500	33400N	599500E	<1	177	12	390	10
599550	33400N	599550E	<1	288	22	300	12
599600	33400N	599600E	<1	205	14	110	21
599650	33400N	599650E	<1	306	19	100	6
599700	33400N	599700E	<1	198	16	80	5
599750	33400N	599750E	<1	61	5	2040	11
599800	33400N	599800E	<1	107	7	250	<5

ANALYTE			Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy
DETECTION			1	1	10	0.1	10	1	10	1	5	5	100	10	1
UNITS			PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB
599850	33400N	599850E	62	13	<10	1.1	910	<1	380	14	25	13	<100	710	11
599900	33400N	599900E	86	20	<10	0.5	780	<1	370	83	127	242	<100	2350	14
599950	33400N	599950E	34	17	<10	0.4	200	<1	230	51	37	160	<100	1390	5
600000	33400N	600000E	18	52	<10	<0.1	570	<1	380	75	49	22	<100	610	16
Line 33600N															
598950	33600N	598950E	18	190	20	<0.1	1340	<1	30	19	41	129	<100	230	11
599000	33600N	599000E	177	16	<10	0.8	1040	<1	430	46	68	299	<100	680	20
599050	33600N	599050E	9	155	40	<0.1	1450	<1	50	19	22	109	<100	100	4
599100	33600N	599100E	15	117	40	<0.1	510	<1	160	24	22	160	<100	170	4
599150	33600N	599150E	14	81	20	0.2	1090	<1	210	33	121	107	<100	230	24
599200	33600N	599200E	83	46	<10	1.3	700	<1	240	19	158	79	<100	830	74
599250	33600N	599250E	46	22	<10	1.2	830	<1	290	28	38	112	<100	640	13
599300	33600N	599300E	20	90	30	0.2	410	<1	180	44	47	95	<100	360	19
599350	33600N	599350E	24	106	80	0.6	680	<1	200	26	167	105	<100	970	15
599400	33600N	599400E	2	149	<10	<0.1	1030	<1	300	224	15	68	<100	2400	146
599450	33600N	599450E	216	66	<10	1.4	1030	<1	390	129	68	19	<100	2450	62
599500	33600N	599500E	40	52	<10	0.6	1050	<1	350	112	40	71	<100	740	39
599550	33600N	599550E	52	49	<10	0.4	630	<1	280	82	53	24	<100	1170	41
599600	33600N	599600E	14	53	30	0.3	350	<1	240	81	80	143	<100	1690	34
599650	33600N	599650E	23	28	<10	0.3	350	<1	330	47	37	52	<100	960	18
599700	33600N	599700E	20	32	10	0.8	560	<1	320	52	63	72	<100	1920	26
599750	33600N	599750E	67	18	<10	0.5	530	<1	270	36	16	40	<100	480	8
599800	33600N	599800E	47	20	10	0.8	250	<1	220	21	28	31	<100	360	14
599850	33600N	599850E	12	143	80	0.5	940	<1	230	92	165	225	<100	2840	48
Line 33800N															
598900	33800N	598900E	<1	7	<10	<0.1	30	<1	150	34	<5	7	<100	30	<1
598950	33800N	598950E	1	10	<10	0.2	110	<1	290	72	6	16	<100	210	2
599000	33800N	599000E	129	28	<10	11.2	950	<1	350	46	116	107	<100	1110	36
599050	33800N	599050E	44	112	100	0.3	710	<1	170	13	30	75	<100	250	4
599100	33800N	599100E	53	150	60	0.2	880	<1	160	19	38	90	<100	240	6
599150	33800N	599150E	38	117	50	0.3	840	<1	230	33	90	146	<100	440	25
599200	33800N	599200E	38	186	150	0.7	900	<1	130	39	50	118	200	350	6
599250	33800N	599250E	18	41	240	1.8	1140	<1	190	8	108	146	<100	550	18
599300	33800N	599300E	9	98	170	2	1580	<1	120	19	322	143	<100	730	44
599350	33800N	599350E	10	130	60	<0.1	1220	<1	220	196	29	118	<100	550	7
599400	33800N	599400E	3	27	<10	<0.1	290	<1	290	36	7	92	<100	1350	2
599450	33800N	599450E	47	73	<10	<0.1	560	<1	270	116	40	162	<100	460	31
599500	33800N	599500E	3	55	20	0.2	230	<1	180	93	6	85	<100	6260	9
599550	33800N	599550E	126	44	<10	0.9	380	<1	400	68	45	13	<100	1960	28
599600	33800N	599600E	3	25	<10	0.2	170	<1	350	81	7	20	<100	680	6
599650	33800N	599650E	46	43	<10	0.2	470	<1	360	43	43	42	<100	480	20
599700	33800N	599700E	40	8	10	1.3	200	<1	280	27	23	68	<100	1120	6

ANALYTE			Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr
DETECTION			0.5	0.5	1	1	1	5	1	5	0.5	1	5	10	1	1
UNITS			PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB
599850	33400N	599850E	4.4	4.9	6	18	10	<5	44	6	<0.5	36	148	100	<1	6
599900	33400N	599900E	6.4	6.2	20	23	23	<5	39	17	<0.5	59	678	100	<1	11
599950	33400N	599950E	2.5	1.9	30	7	8	<5	54	42	<0.5	20	711	10	<1	4
600000	33400N	600000E	7.9	5.1	77	20	20	<5	49	<5	<0.5	45	390	170	<1	9
Line 33600N																
598950	33600N	598950E	5.7	2.3	150	10	16	101	7	<5	1.6	27	100	180	<1	5
599000	33600N	599000E	10.2	5.5	7	25	16	<5	40	19	<0.5	42	363	70	<1	7
599050	33600N	599050E	2.2	0.9	130	4	7	38	8	<5	1.8	11	68	210	<1	2
599100	33600N	599100E	1.8	0.9	126	4	6	13	18	6	1.1	9	95	220	<1	2
599150	33600N	599150E	12.8	7.4	53	30	32	<5	26	<5	<0.5	69	126	450	<1	12
599200	33600N	599200E	38.2	26	19	103	95	<5	39	<5	<0.5	222	412	340	<1	38
599250	33600N	599250E	6	5.2	11	20	17	<5	33	6	<0.5	46	183	110	<1	7
599300	33600N	599300E	9.3	6.9	70	25	32	<5	13	<5	0.6	64	118	220	<1	12
599350	33600N	599350E	6.6	5.6	108	20	26	6	14	6	1.2	51	124	870	<1	10
599400	33600N	599400E	126	15.4	78	76	20	10	43	<5	<0.5	69	291	900	<1	10
599450	33600N	599450E	37.9	15.3	8	65	36	<5	83	<5	<0.5	91	2020	380	<1	15
599500	33600N	599500E	19.2	13.9	14	52	41	<5	62	<5	<0.5	106	624	300	<1	18
599550	33600N	599550E	21.3	13	8	52	32	<5	57	<5	<0.5	87	979	270	<1	14
599600	33600N	599600E	17.9	10.3	58	41	31	<5	40	<5	<0.5	79	882	1570	<1	14
599650	33600N	599650E	9.2	6.7	10	26	15	<5	34	11	<0.5	46	545	100	<1	7
599700	33600N	599700E	13.5	8	49	32	25	<5	16	7	<0.5	64	625	120	<1	11
599750	33600N	599750E	3.5	3	7	12	6	<5	39	6	<0.5	21	258	30	<1	3
599800	33600N	599800E	6.4	5.2	26	20	12	<5	23	8	<0.5	36	154	120	<1	6
599850	33600N	599850E	26.5	13.7	166	51	47	7	23	18	1.1	108	951	1110	<1	19
Line 33800N																
598900	33800N	598900E	<0.5	<0.5	5	<1	<1	<5	24	69	<0.5	<1	279	<10	<1	<1
598950	33800N	598950E	0.9	<0.5	40	2	2	<5	38	18	<0.5	4	325	<10	<1	<1
599000	33800N	599000E	15.9	11.7	11	48	31	<5	42	14	<0.5	78	286	240	<1	13
599050	33800N	599050E	1.9	1.3	112	5	14	<5	5	12	2.4	15	61	150	<1	3
599100	33800N	599100E	2.5	1.9	98	6	15	<5	7	10	2	18	143	520	<1	4
599150	33800N	599150E	12	9.3	62	33	56	<5	20	8	1.4	94	132	330	<1	19
599200	33800N	599200E	2.8	2.3	196	8	24	<5	15	12	4	27	123	450	<1	6
599250	33800N	599250E	8.5	6.6	125	24	60	<5	28	26	2.7	79	162	100	<1	17
599300	33800N	599300E	19.5	16.7	92	62	144	<5	21	16	3.4	206	201	430	<1	45
599350	33800N	599350E	3.5	1.8	103	7	11	<5	22	9	1.5	18	141	250	<1	4
599400	33800N	599400E	1.2	0.6	66	2	3	<5	37	10	<0.5	6	675	20	<1	1
599450	33800N	599450E	14.9	10.8	36	40	43	<5	33	<5	<0.5	88	297	630	<1	17
599500	33800N	599500E	6.8	2.1	164	8	8	<5	22	15	<0.5	14	346	370	<1	3
599550	33800N	599550E	15.7	10.4	10	38	22	<5	42	<5	<0.5	58	858	280	<1	10
599600	33800N	599600E	3.7	2	20	8	6	<5	46	<5	<0.5	13	408	200	<1	2
599650	33800N	599650E	9.3	6.7	25	25	22	<5	33	7	<0.5	47	292	340	<1	9
599700	33800N	599700E	2.7	2.8	13	10	6	<5	15	43	<0.5	17	197	90	<1	3

ANALYTE			Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U
DETECTION			1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1
UNITS			PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
599850	33400N	599850E	<1	24	<1	13	14	<1	1810	<1	2	<10	3	<3	<0.5	15
599900	33400N	599900E	<1	33	<1	17	19	1	1530	<1	3	<10	3.9	26	0.6	18
599950	33400N	599950E	<1	15	<1	11	5	<1	1640	<1	<1	<10	0.9	5	0.6	43
600000	33400N	600000E	<1	16	<1	18	14	<1	1620	<1	3	<10	3.3	76	<0.5	8
Line 33600N																
598950	33600N	598950E	<1	44	<1	32	8	<1	220	<1	2	<10	7.3	819	<0.5	4
599000	33600N	599000E	<1	18	<1	25	16	<1	2590	<1	3	<10	2.9	<3	<0.5	12
599050	33600N	599050E	<1	51	<1	22	3	<1	270	<1	<1	<10	5.6	1010	<0.5	2
599100	33600N	599100E	<1	46	<1	21	3	<1	630	<1	<1	<10	5	645	<0.5	2
599150	33600N	599150E	<1	25	<1	43	22	<1	1220	<1	4	<10	6.7	270	<0.5	10
599200	33600N	599200E	<1	18	<1	59	71	<1	1360	<1	13	<10	7	46	<0.5	15
599250	33600N	599250E	<1	23	<1	16	15	<1	1530	<1	2	<10	3.7	18	<0.5	11
599300	33600N	599300E	<1	43	<1	33	19	<1	660	<1	3	<10	5.6	419	<0.5	6
599350	33600N	599350E	<1	51	<1	24	16	<1	720	<1	3	<10	12	769	<0.5	6
599400	33600N	599400E	<1	37	<1	151	34	<1	2050	<1	16	<10	8.7	8	<0.5	30
599450	33600N	599450E	<1	25	<1	51	37	<1	2570	<1	9	<10	2.7	<3	<0.5	53
599500	33600N	599500E	<1	40	<1	16	38	<1	2030	<1	7	<10	3.6	18	<0.5	19
599550	33600N	599550E	<1	23	<1	20	33	<1	1780	<1	7	<10	3	<3	<0.5	24
599600	33600N	599600E	<1	22	<1	38	28	<1	1180	<1	6	<10	6	56	<0.5	24
599650	33600N	599650E	<1	11	<1	<5	17	<1	1500	<1	3	<10	2.6	<3	<0.5	19
599700	33600N	599700E	<1	16	<1	28	22	<1	1380	<1	4	<10	7.8	62	<0.5	23
599750	33600N	599750E	<1	16	<1	<5	8	<1	1380	<1	1	<10	1.7	3	<0.5	10
599800	33600N	599800E	<1	9	<1	6	13	<1	880	<1	2	<10	4	27	<0.5	18
599850	33600N	599850E	<1	39	2	33	37	<1	830	<1	8	<10	22	816	<0.5	35
Line 33800N																
598900	33800N	598900E	<1	20	<1	<5	<1	<1	1040	<1	<1	<10	<0.5	<3	<0.5	5
598950	33800N	598950E	<1	<5	<1	<5	1	<1	1330	<1	<1	<10	<0.5	<3	<0.5	129
599000	33800N	599000E	<1	67	<1	41	30	<1	1910	<1	8	<10	10.9	8	<0.5	43
599050	33800N	599050E	<1	71	<1	22	4	<1	500	<1	<1	<10	9.2	1390	<0.5	5
599100	33800N	599100E	<1	70	<1	26	5	<1	510	<1	1	<10	8.4	1300	<0.5	4
599150	33800N	599150E	<1	63	<1	31	27	<1	700	<1	5	<10	9	753	<0.5	7
599200	33800N	599200E	<1	98	<1	29	7	<1	430	<1	1	<10	11.6	2210	<0.5	6
599250	33800N	599250E	<1	57	2	27	20	<1	860	<1	4	<10	18.5	1260	<0.5	30
599300	33800N	599300E	<1	76	3	95	52	<1	550	<1	10	<10	26.3	2280	<0.5	12
599350	33800N	599350E	<1	11	<1	27	5	<1	870	<1	1	<10	7.1	886	<0.5	3
599400	33800N	599400E	<1	<5	<1	9	1	<1	1350	<1	<1	<10	0.8	29	<0.5	4
599450	33800N	599450E	<1	29	<1	21	27	<1	1190	<1	6	<10	4.2	245	<0.5	10
599500	33800N	599500E	<1	<5	4	29	5	<1	910	<1	2	<10	1.7	76	<0.5	54
599550	33800N	599550E	<1	11	<1	12	24	<1	1750	<1	6	<10	1.1	4	<0.5	59
599600	33800N	599600E	<1	8	<1	6	5	<1	1750	<1	1	<10	0.5	8	<0.5	100
599650	33800N	599650E	<1	24	<1	18	17	<1	1580	<1	4	<10	4.1	73	<0.5	56
599700	33800N	599700E	<1	7	<1	16	6	<1	1070	<1	1	<10	2.9	31	<0.5	21

ANALYTE			W	Y	Yb	Zn	Zr
DETECTION			1	5	1	20	5
UNITS			PPB	PPB	PPB	PPB	PPB
599850	33400N	599850E	<1	53	3	50	<5
599900	33400N	599900E	<1	71	6	90	9
599950	33400N	599950E	<1	29	3	30	<5
600000	33400N	600000E	<1	79	6	630	8
Line 33600N							
598950	33600N	598950E	<1	57	5	850	23
599000	33600N	599000E	<1	112	8	60	<5
599050	33600N	599050E	<1	20	2	980	20
599100	33600N	599100E	<1	16	2	920	16
599150	33600N	599150E	<1	129	11	520	12
599200	33600N	599200E	<1	469	33	90	13
599250	33600N	599250E	<1	73	5	210	7
599300	33600N	599300E	<1	103	8	1010	14
599350	33600N	599350E	<1	59	5	460	30
599400	33600N	599400E	1	1210	117	560	8
599450	33600N	599450E	<1	449	33	40	9
599500	33600N	599500E	<1	212	16	2920	8
599550	33600N	599550E	<1	246	18	360	9
599600	33600N	599600E	<1	185	16	450	20
599650	33600N	599650E	<1	106	7	40	8
599700	33600N	599700E	<1	142	12	270	21
599750	33600N	599750E	<1	42	3	30	5
599800	33600N	599800E	<1	66	5	20	12
599850	33600N	599850E	<1	224	24	1480	54
Line 33800N							
598900	33800N	598900E	<1	<5	<1	50	<5
598950	33800N	598950E	<1	13	<1	50	<5
599000	33800N	599000E	<1	173	12	60	18
599050	33800N	599050E	<1	18	1	750	40
599100	33800N	599100E	<1	27	2	470	30
599150	33800N	599150E	<1	140	9	870	24
599200	33800N	599200E	<1	30	2	570	38
599250	33800N	599250E	1	111	7	50	44
599300	33800N	599300E	2	214	15	440	89
599350	33800N	599350E	<1	38	3	4670	16
599400	33800N	599400E	<1	15	1	510	<5
599450	33800N	599450E	<1	188	12	130	9
599500	33800N	599500E	<1	78	6	1590	8
599550	33800N	599550E	<1	198	12	50	10
599600	33800N	599600E	<1	48	3	510	<5
599650	33800N	599650E	<1	115	7	70	12
599700	33800N	599700E	<1	40	2	50	6

TIEX INC.

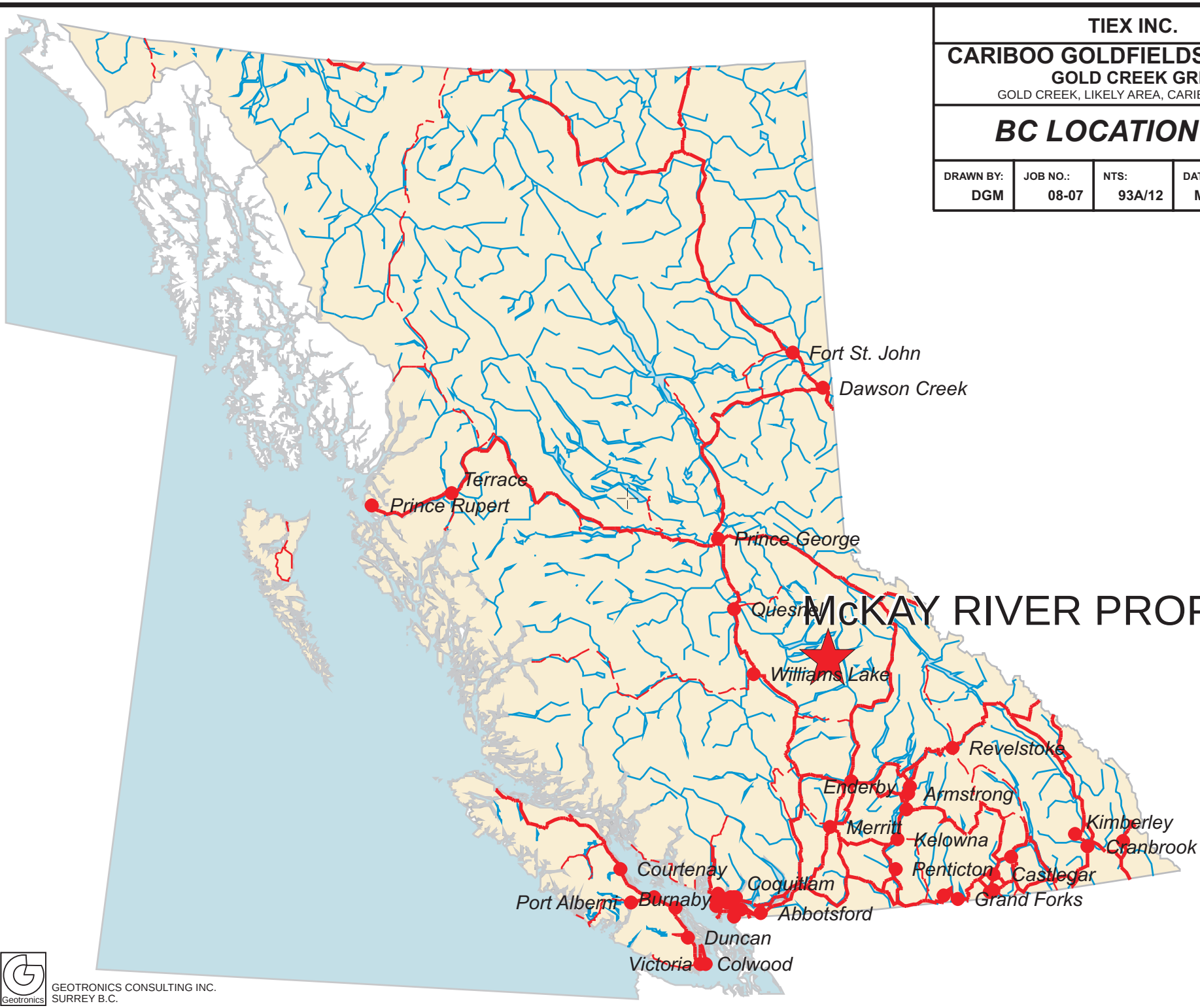
CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID

GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

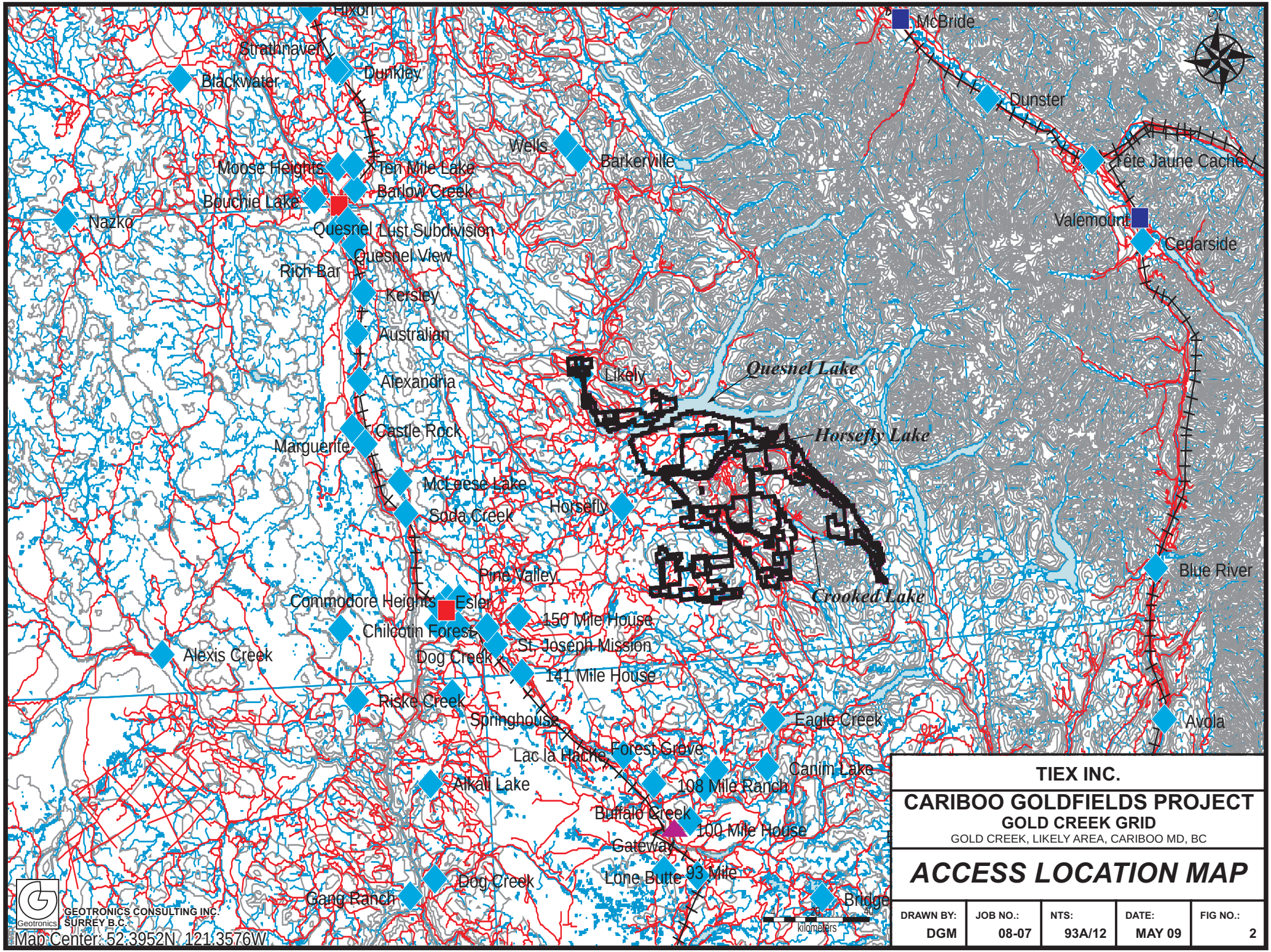
BC LOCATION MAP

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 09	1



GEOTRONICS CONSULTING INC.
SURREY B.C.

Map Center: 54.4781N 124.7082W



GEOTRONICS CONSULTING INC.
SURREY B.C.

Map Center: 52.3952N, 121.3576W

TIEX INC.

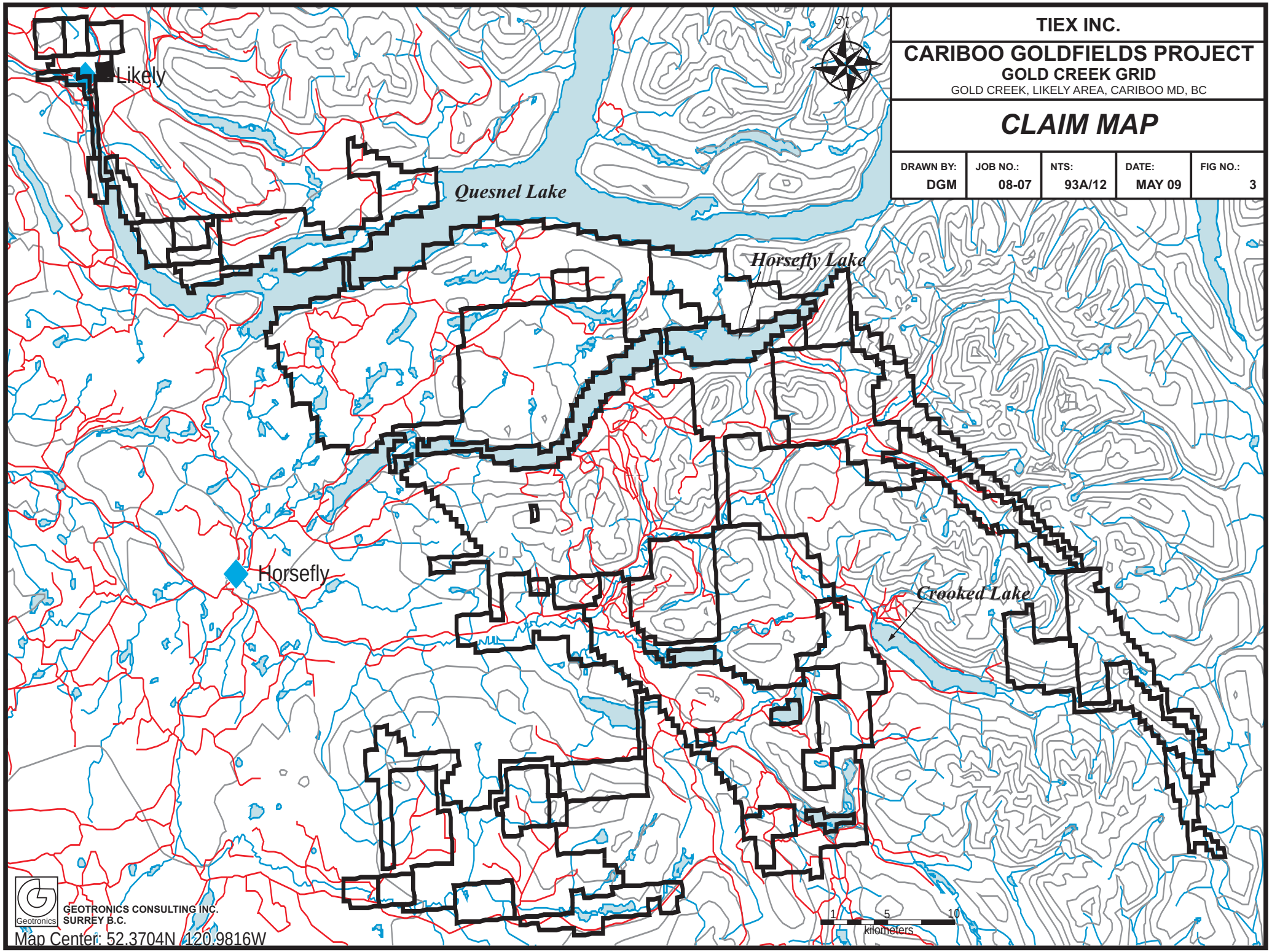
CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID

GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

ACCESS LOCATION MAP

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 09	2



TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID

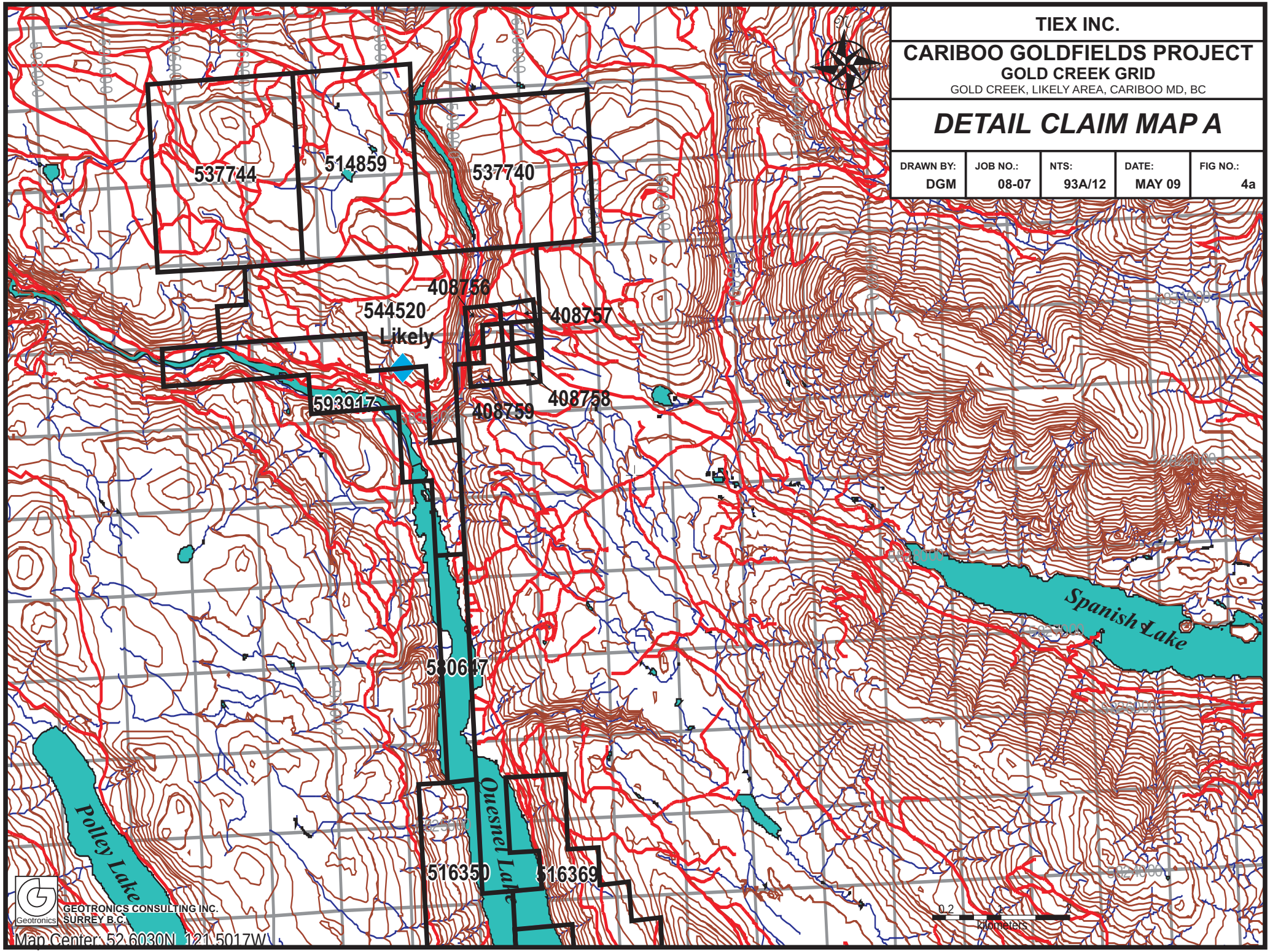
GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

CLAIM MAP

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 09	3

GEOTRONICS CONSULTING INC.
SURREY B.C.

Map Center: 52.3704N 120.9816W



TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID

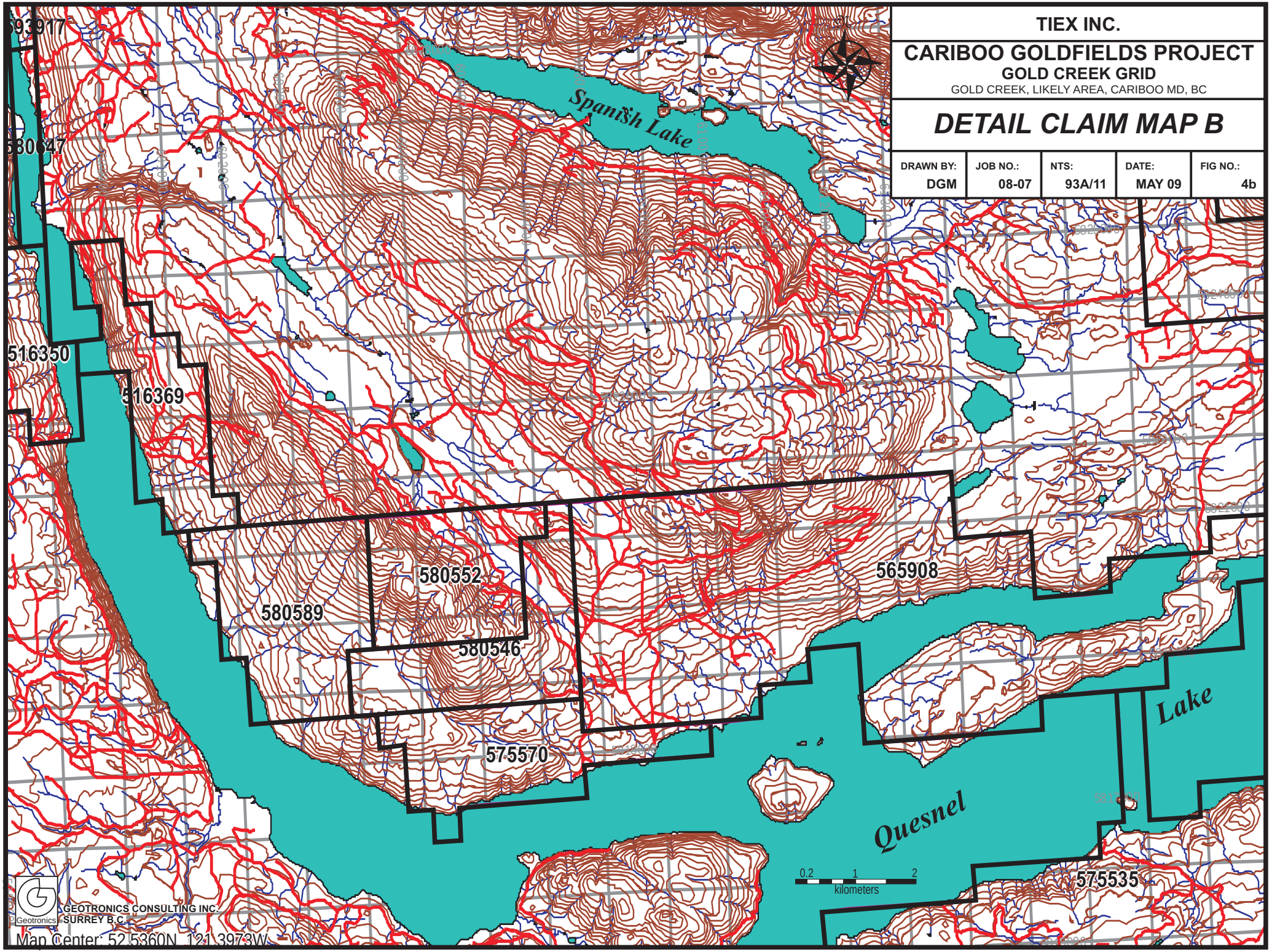
GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

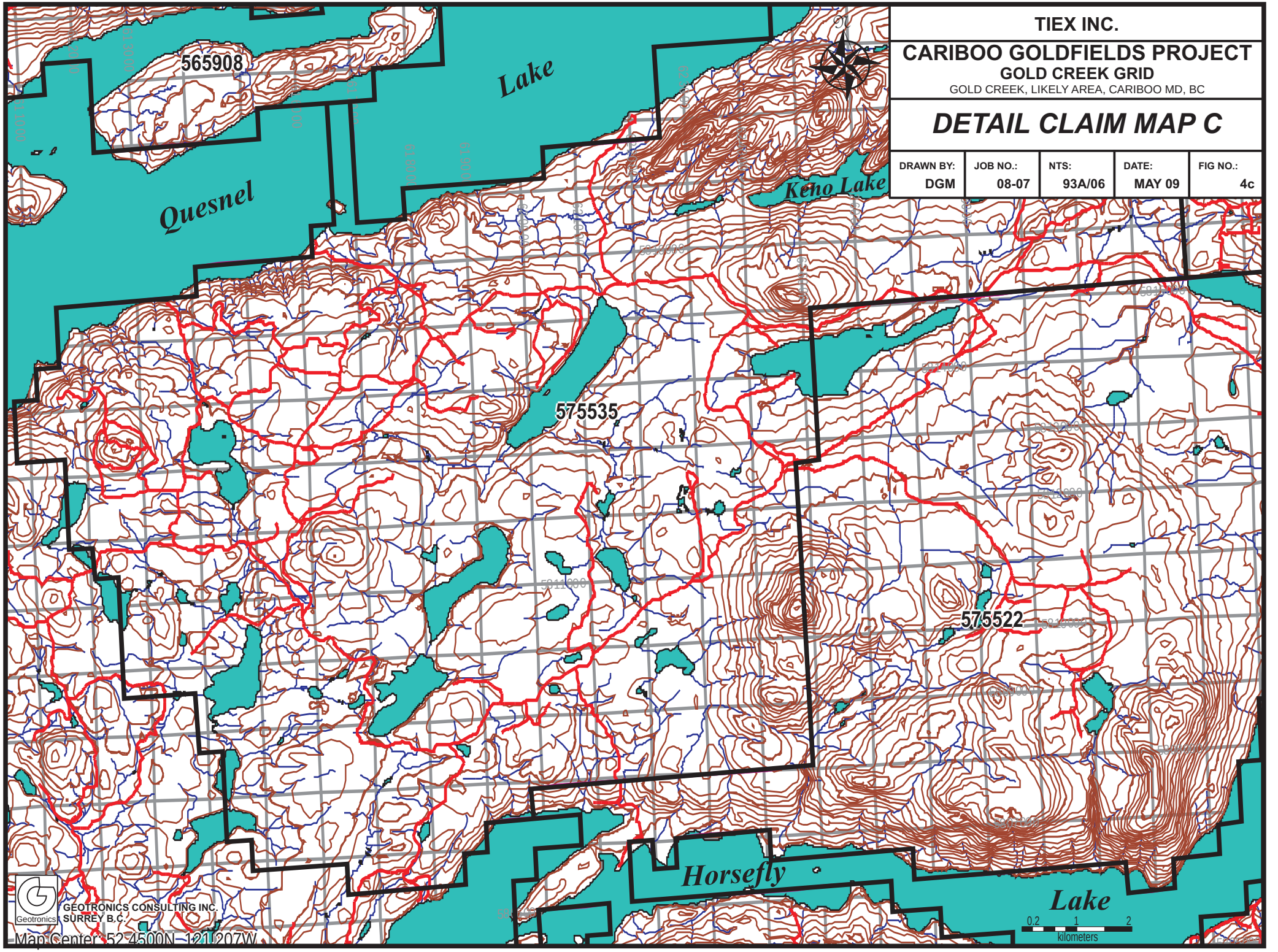
DETAIL CLAIM MAP A

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 09	4a

GEOTRONICS CONSULTING INC.
SURREY B.C.

Map Center: 52.6030N 121.5017W


TIEX INC.
CARIBOO GOLDFIELDS PROJECT
GOLD CREEK GRID
GOLD CREEK, LIKELY AREA, CARIBOO MD, BC
DETAIL CLAIM MAP B
DRAWN BY: DGM
JOB NO.: 08-07
NTS: 93A/11
DATE: MAY 09
FIG NO.: 4b
Spanish Lake
593917
580647
516350
516369
580552
580589
580546
575570
565908
Quesnel
Lake
575535
0.2
1
2
kilometers
GEOTRONICS CONSULTING INC.
SURREY B.C.
Geotronics
Map Center: 52.5360N 121.3973W



TIEX INC.

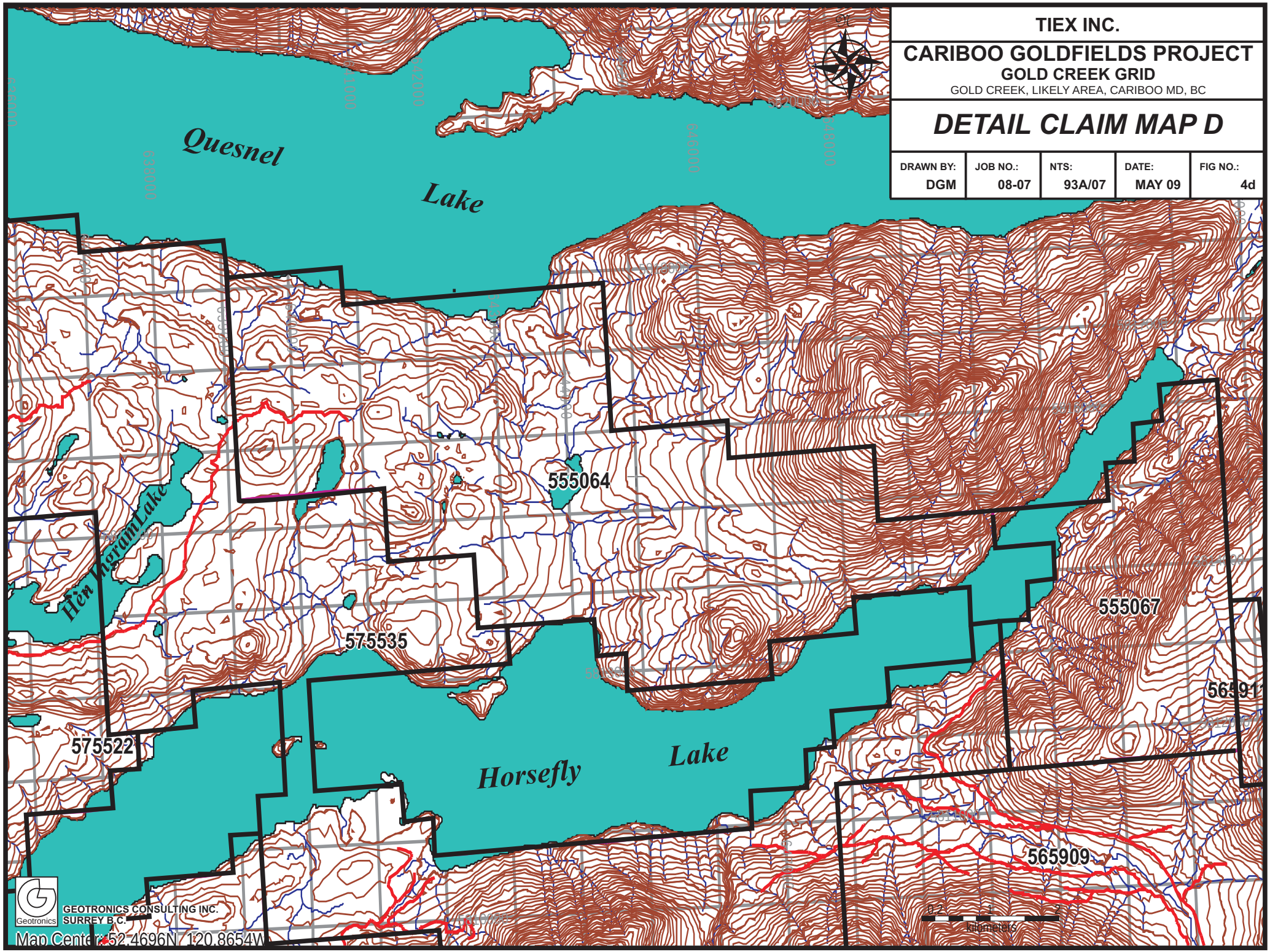
CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID

GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

DETAIL CLAIM MAP C

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/06	MAY 09	4c



TIEX INC.

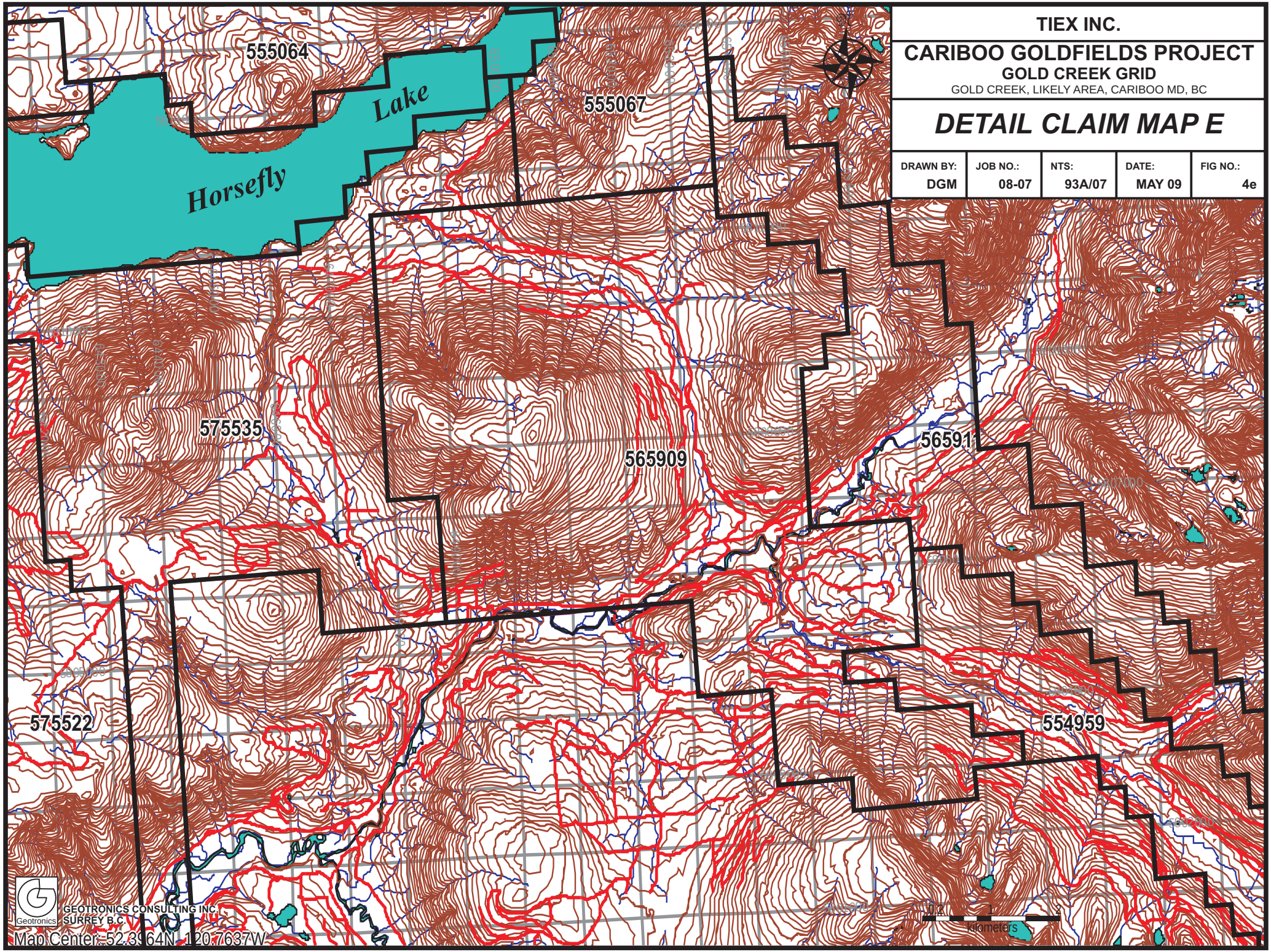
CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID

GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

DETAIL CLAIM MAP D

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/07	MAY 09	4d



TIEX INC.

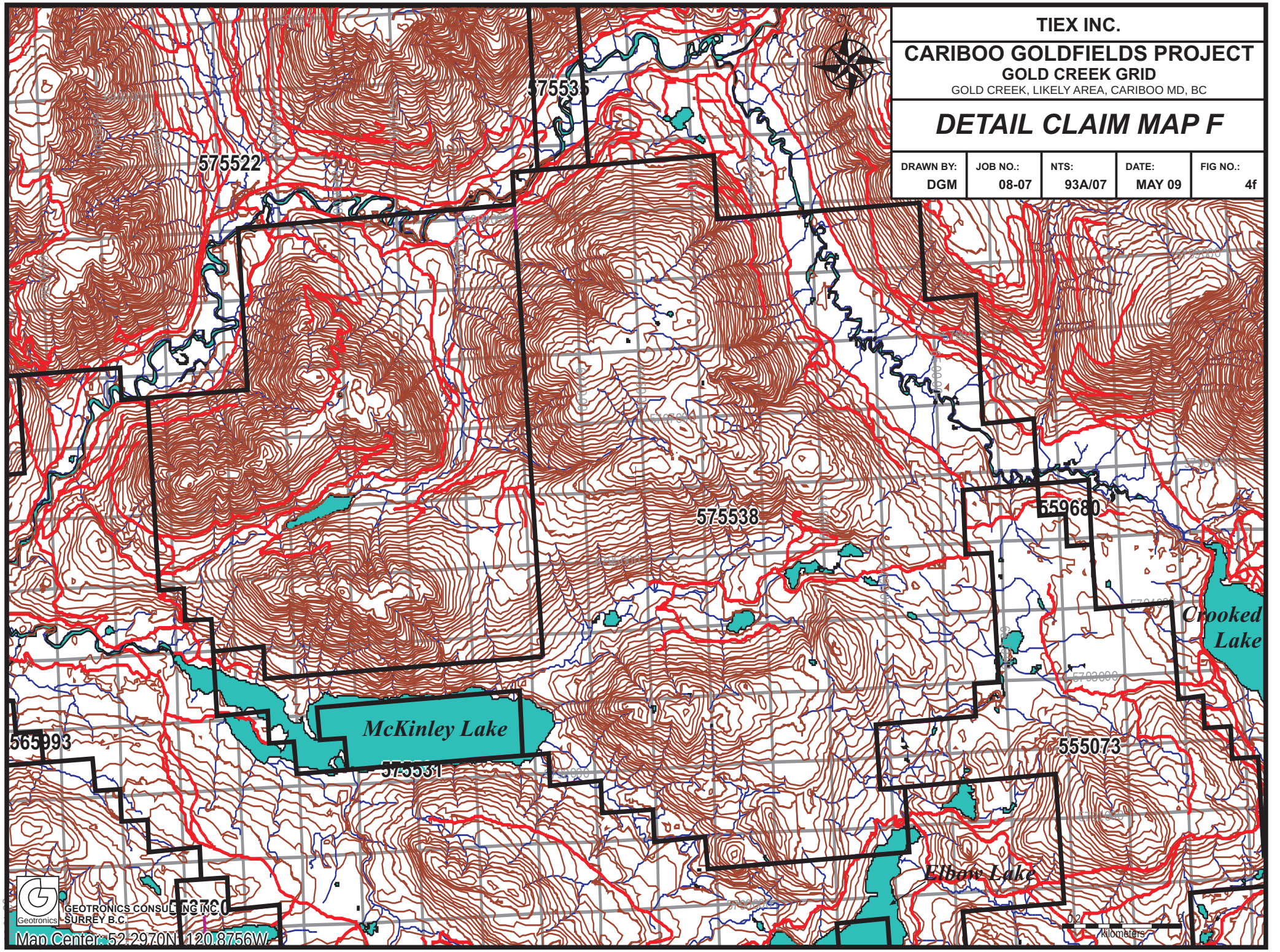
CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID

GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

DETAIL CLAIM MAP E

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/07	MAY 09	4e



TIEX INC.

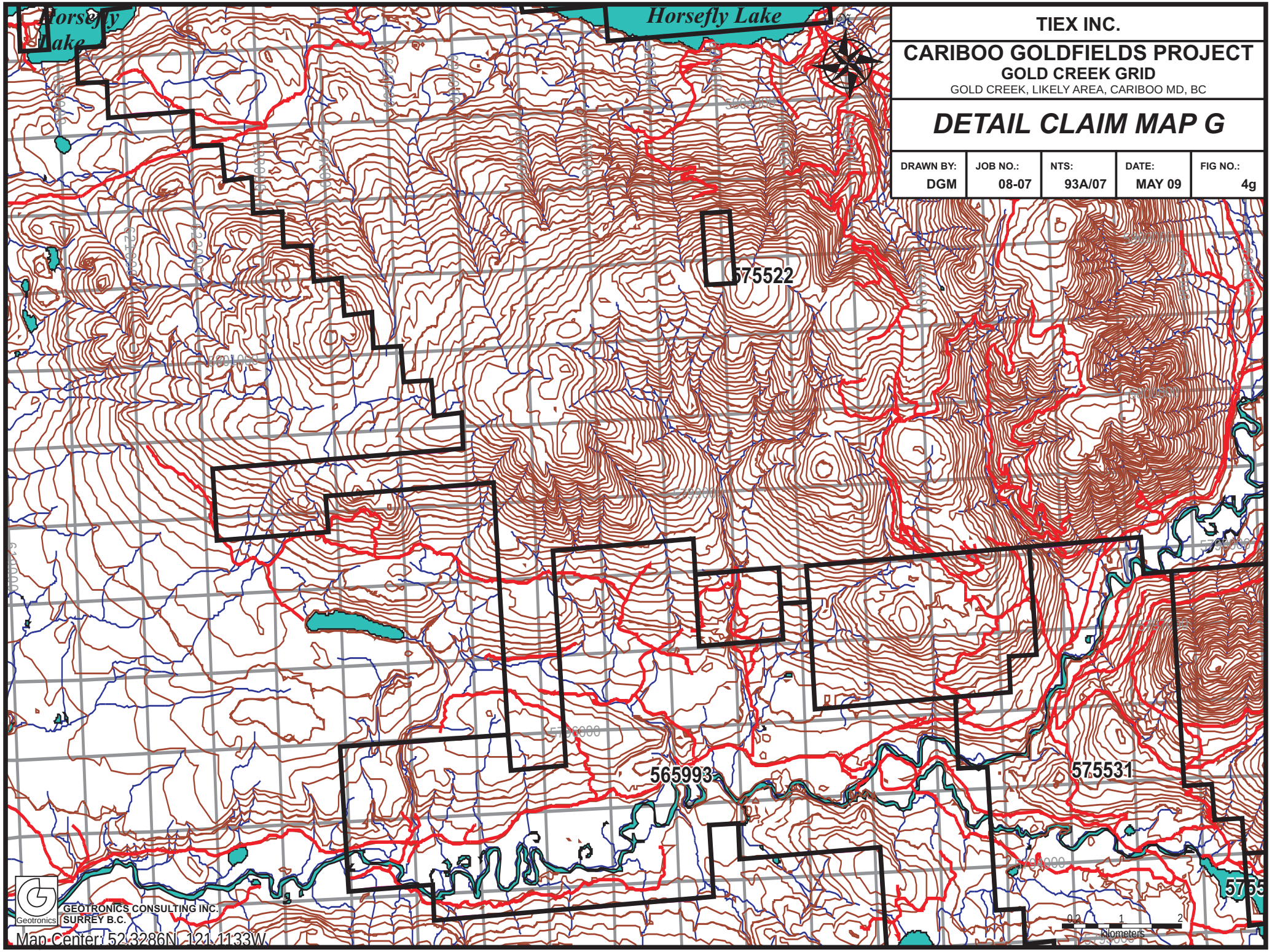
CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID

GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

DETAIL CLAIM MAP F

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/07	MAY 09	4f



TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID

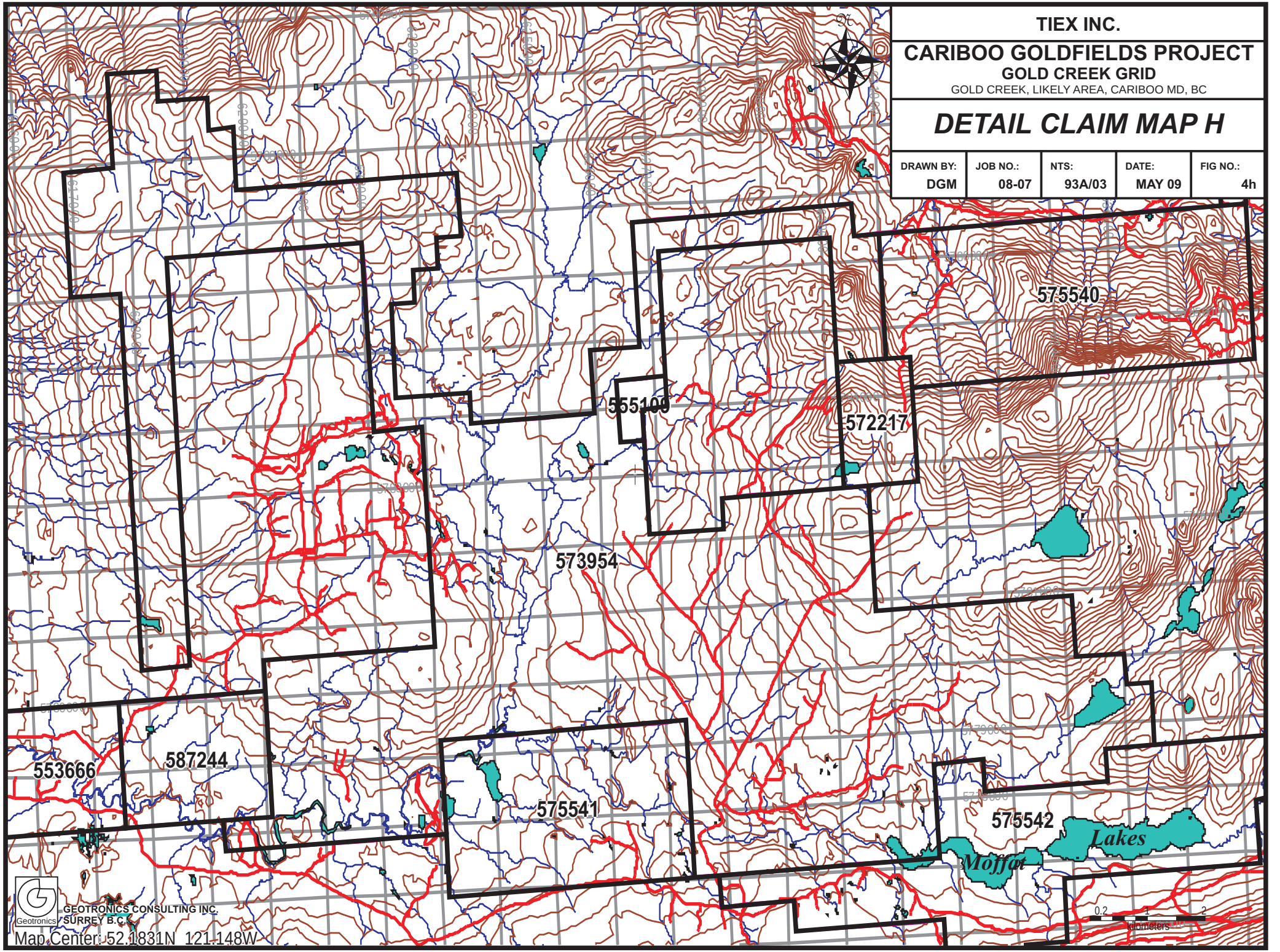
GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

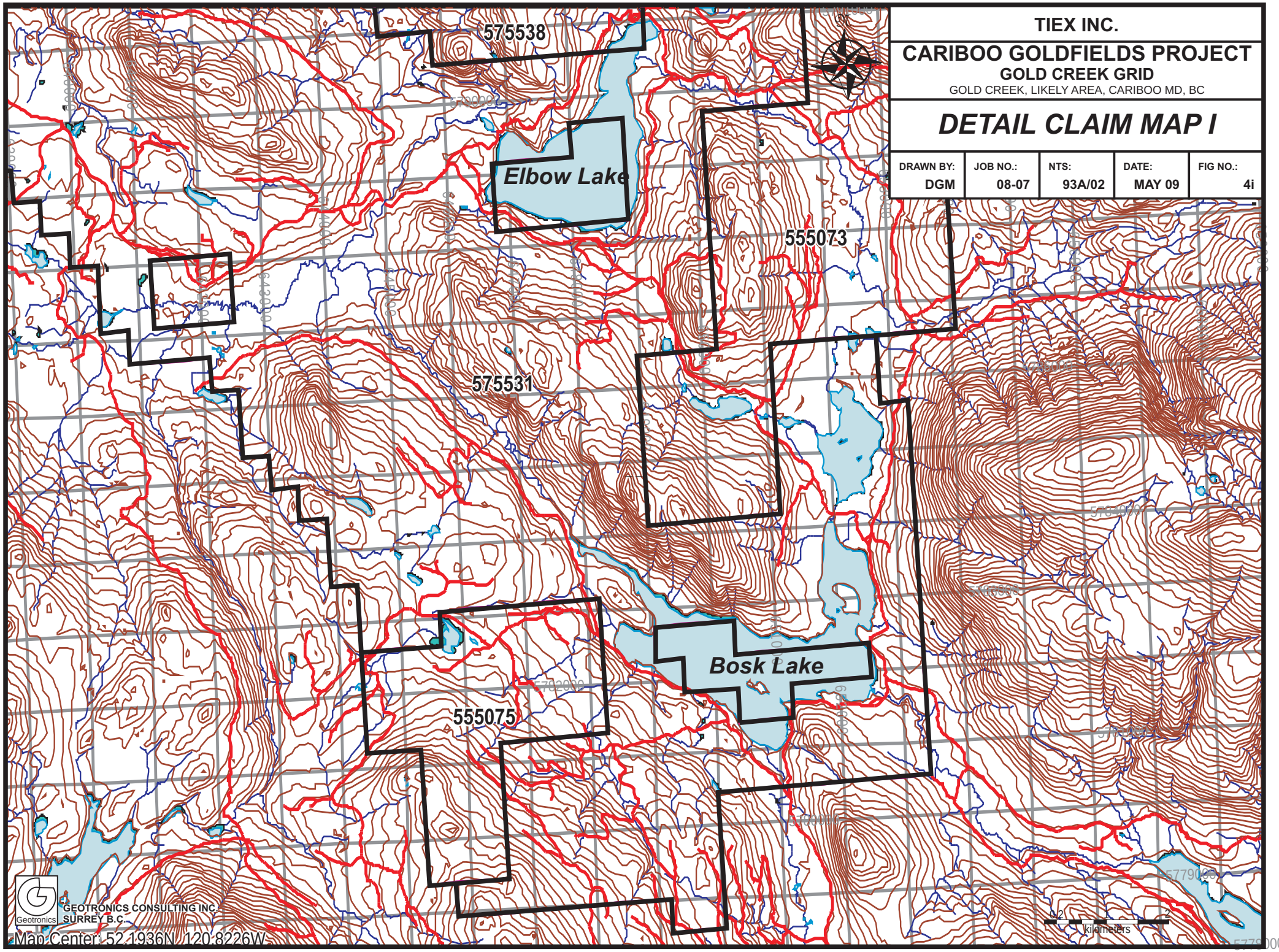
DETAIL CLAIM MAP G

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/07	MAY 09	4g

GEOTRONICS CONSULTING INC.
SURREY B.C.

Map Center: 52.3286N 121.1133W


TIEX INC.
CARIBOO GOLDFIELDS PROJECT
GOLD CREEK GRID
GOLD CREEK, LIKELY AREA, CARIBOO MD, BC
DETAIL CLAIM MAP H
DRAWN BY: DGM
JOB NO.: 08-07
NTS: 93A/03
DATE: MAY 09
FIG NO.: 4h
575540
555100
572217
573954
553666
587244
575541
575542
Lakes
Moffat
GEOTRONICS CONSULTING INC.
SURREY B.C.
Map Center: 52.1831N 121.148W
0.2
1
2
kilometers



TIEX INC.

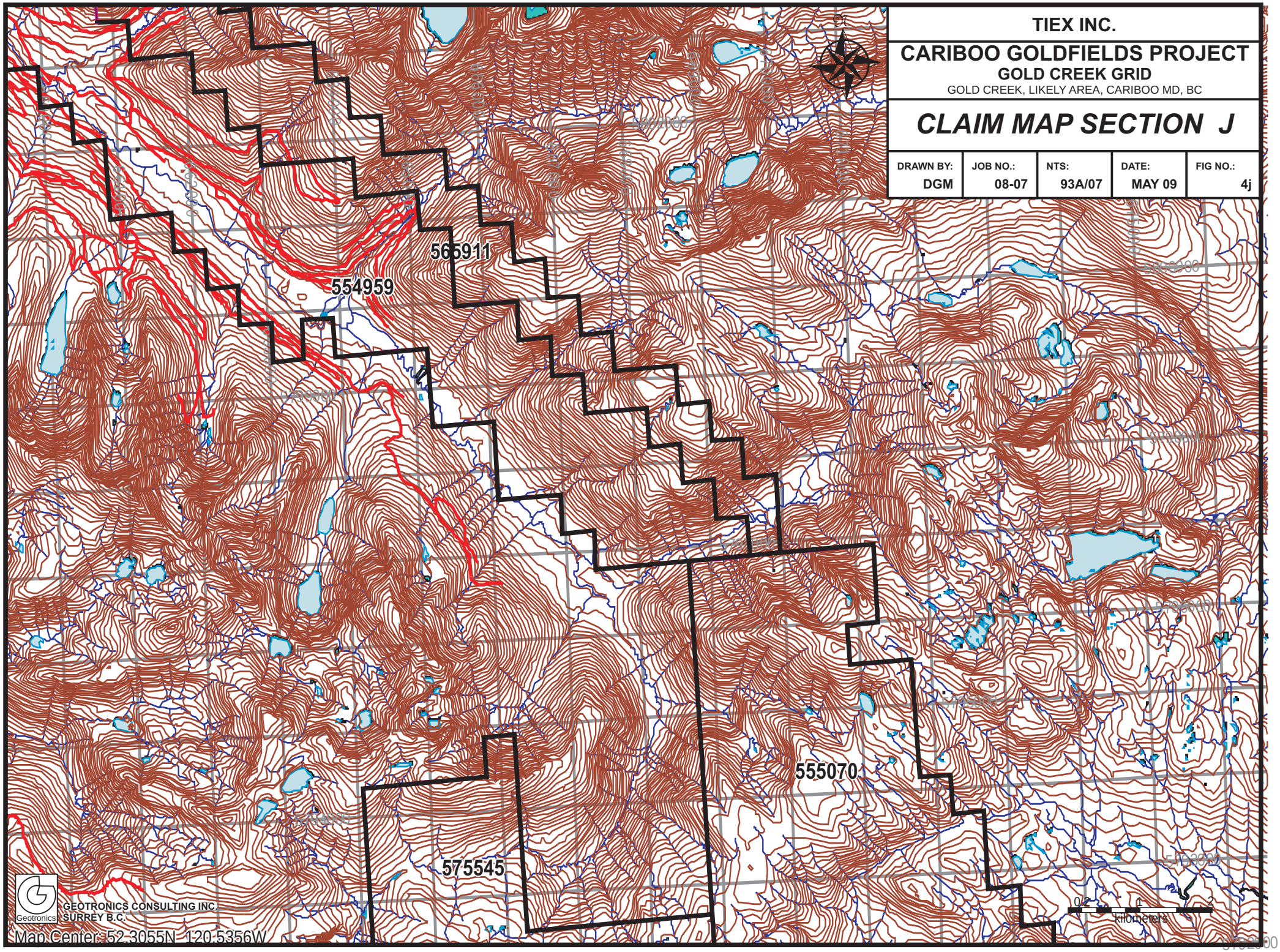
CARIBOO GOLDFIELDS PROJECT

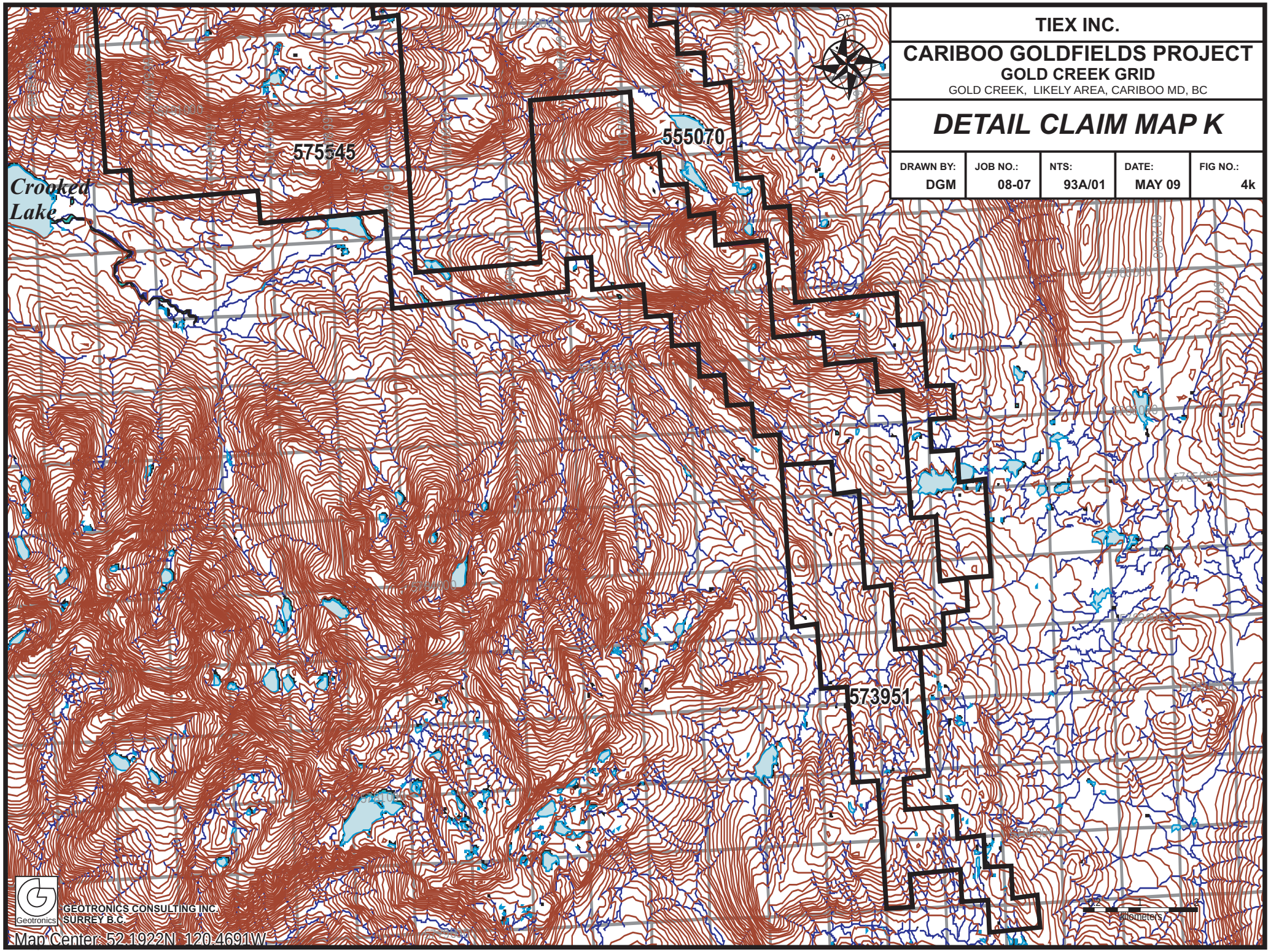
GOLD CREEK GRID

GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

DETAIL CLAIM MAP I

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/02	MAY 09	4i


TIEX INC.
CARIBOO GOLDFIELDS PROJECT
GOLD CREEK GRID
GOLD CREEK, LIKELY AREA, CARIBOO MD, BC
CLAIM MAP SECTION J
DRAWN BY: DGM
JOB NO.: 08-07
NTS: 93A/07
DATE: MAY 09
FIG NO.: 4j
565911
554959
555070
575545
GEOTRONICS CONSULTING INC.
SURREY B.C.
Map Center: 52.3055N 120.5356W
0
2
4
kilometers



TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID

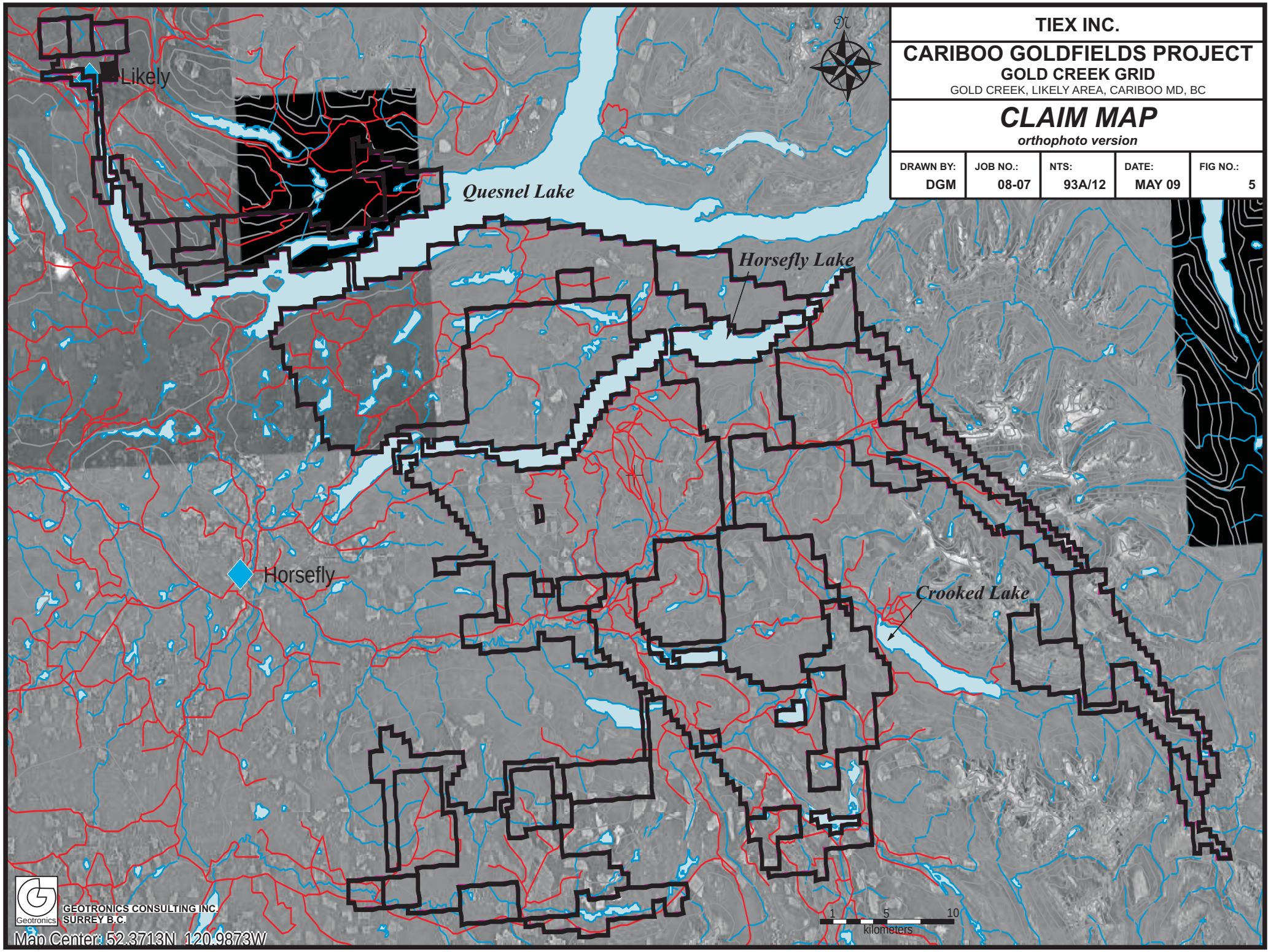
GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

DETAIL CLAIM MAP K

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/01	MAY 09	4k

GEOTRONICS CONSULTING INC.
SURREY B.C.

Map Center: 52.1922N 120.4691W



TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID

GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

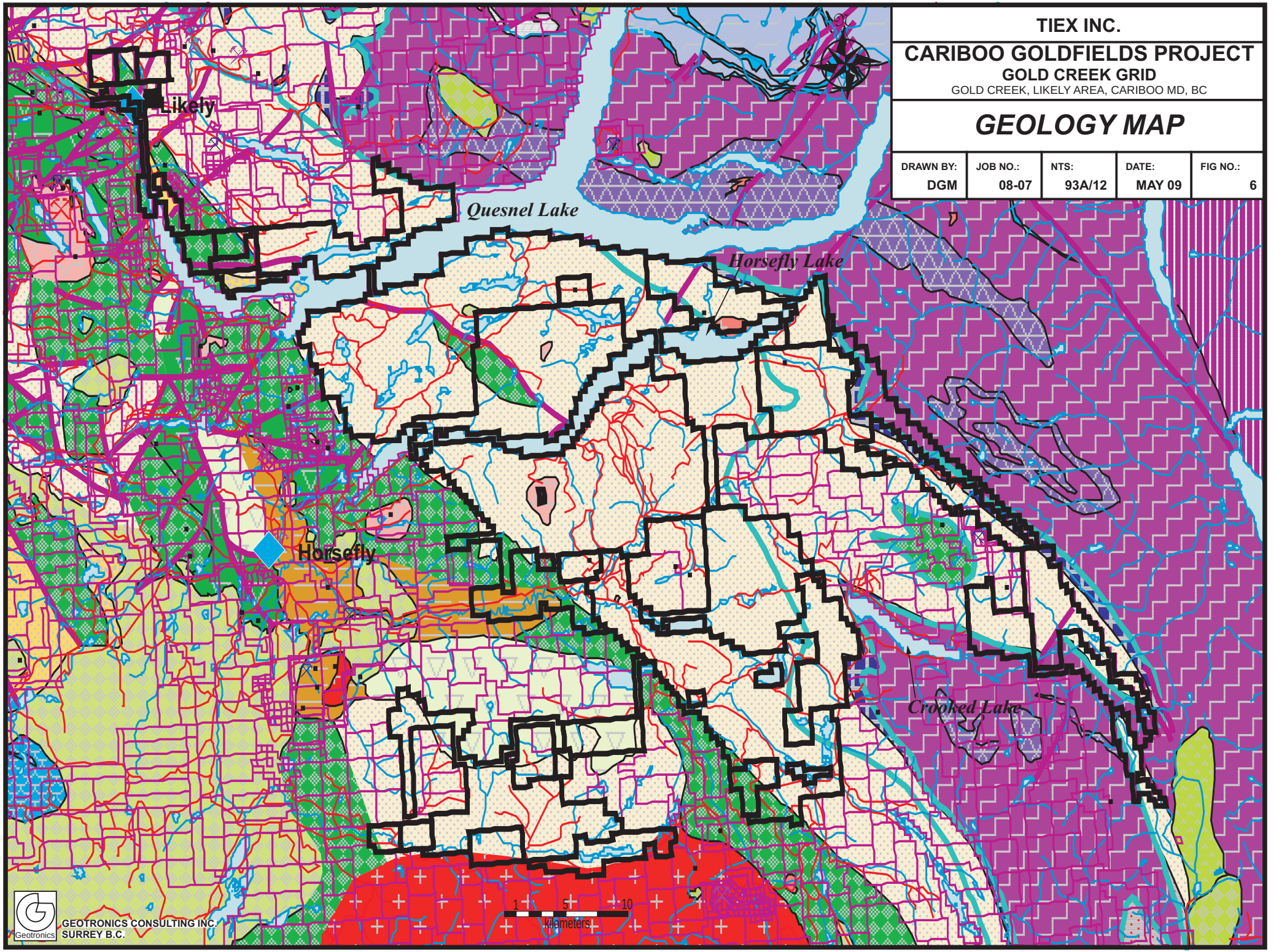
CLAIM MAP

orthophoto version

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 09	5

GEOTRONICS CONSULTING INC.
SURREY B.C.

Map Center: 52.3713N 120.9873W



TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID

GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

GEOLOGY MAP

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 09	6

GEOTRONICS CONSULTING INC.
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TIEX INC.

CARIBOO GOLDFIELDS PROJECT
GOLD CREEK GRID
GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

GEOLOGY LEGEND

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 09	6

Miocene to Pleistocene
basaltic volcanic rocks

Eocene
calc-alkaline volcanic rocks


Eocene
mudstone, siltstone, shale fine clastic sedimentary rocks


Lower Jurassic
volcaniclastic rocks


Late Triassic to Early Jurassic
granodioritic intrusive rocks


Upple Triassic
basaltic volcanic rocks

Middle Triassic to Upper Triassic
undivided sedimentary rocks


Permian to Triassic
marine sedimentary and volcanic rocks

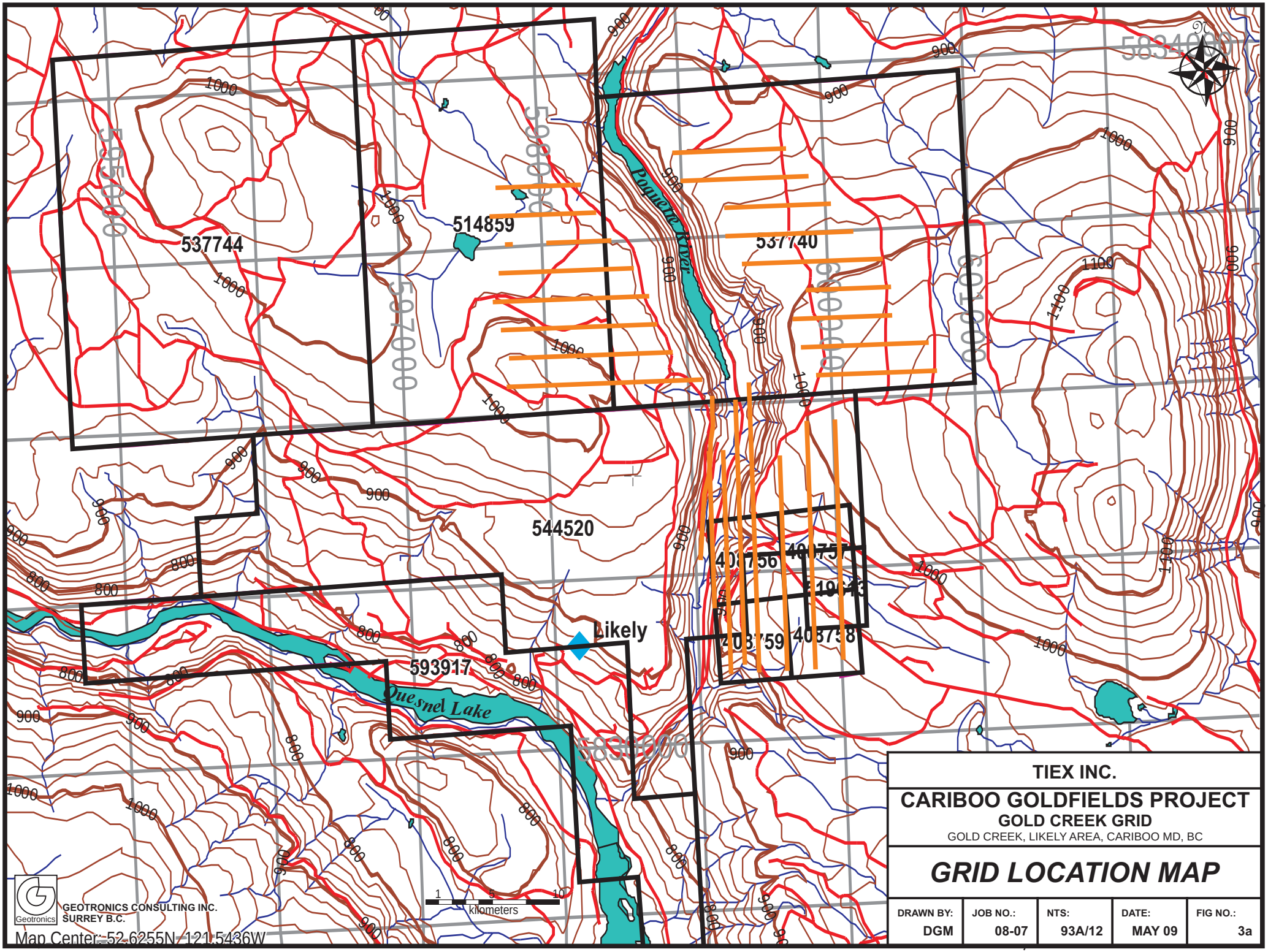

Devonian to Mississippian
orthogneiss metamorphic rocks


Upper Proterozoic to Paleozoic
metamorphic rocks, undivided


Proterozoic to Paleozoic
metamorphic rocks, undivided


Paleozoic
greenstone, grenschist metamorphic rocks

Geotronics
GEOTRONICS CONSULTING INC.
SURREY B.C.



TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID

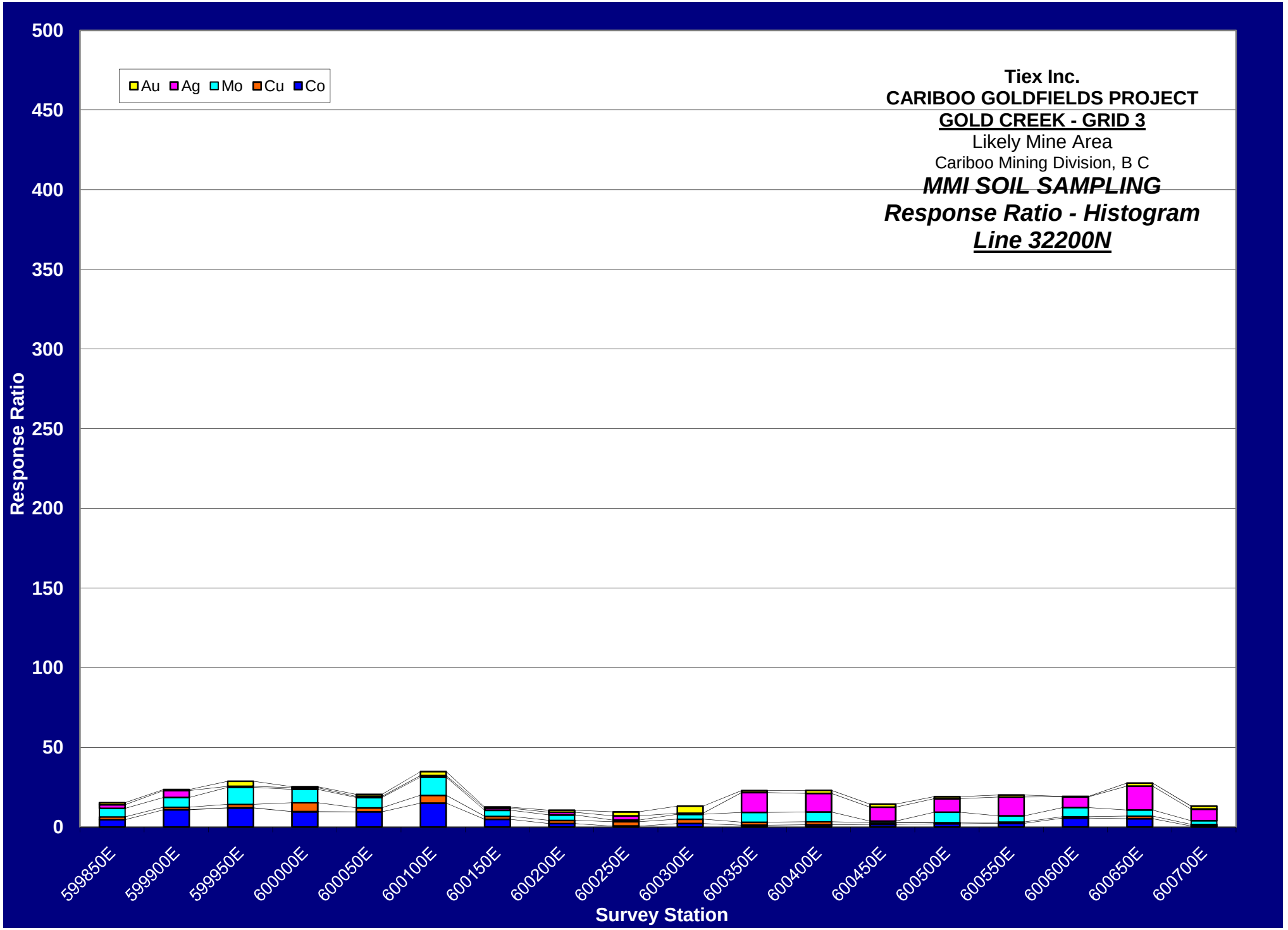
GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

GRID LOCATION MAP

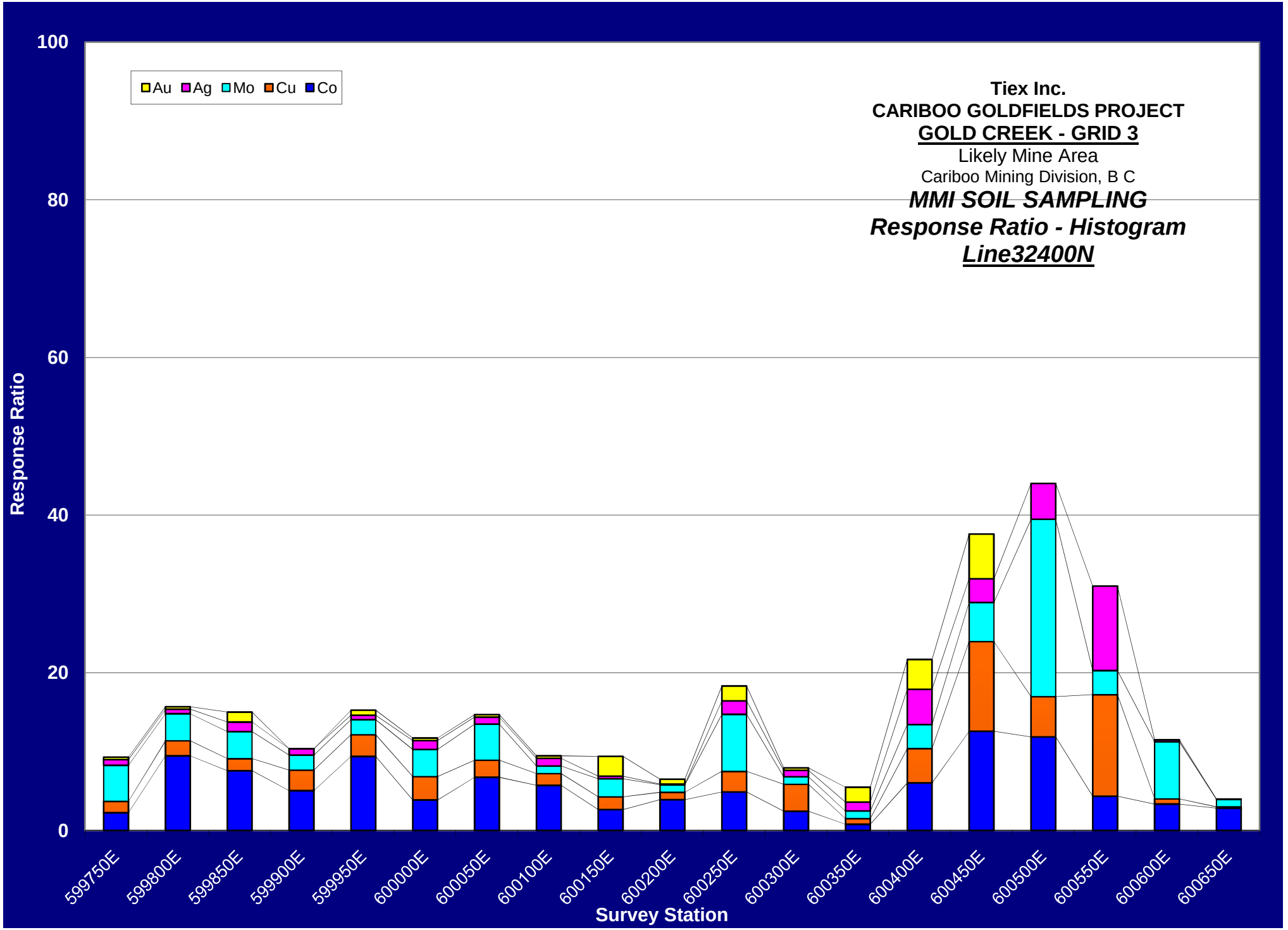
DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 09	3a

GEOTRONICS CONSULTING INC.
SURREY B.C.

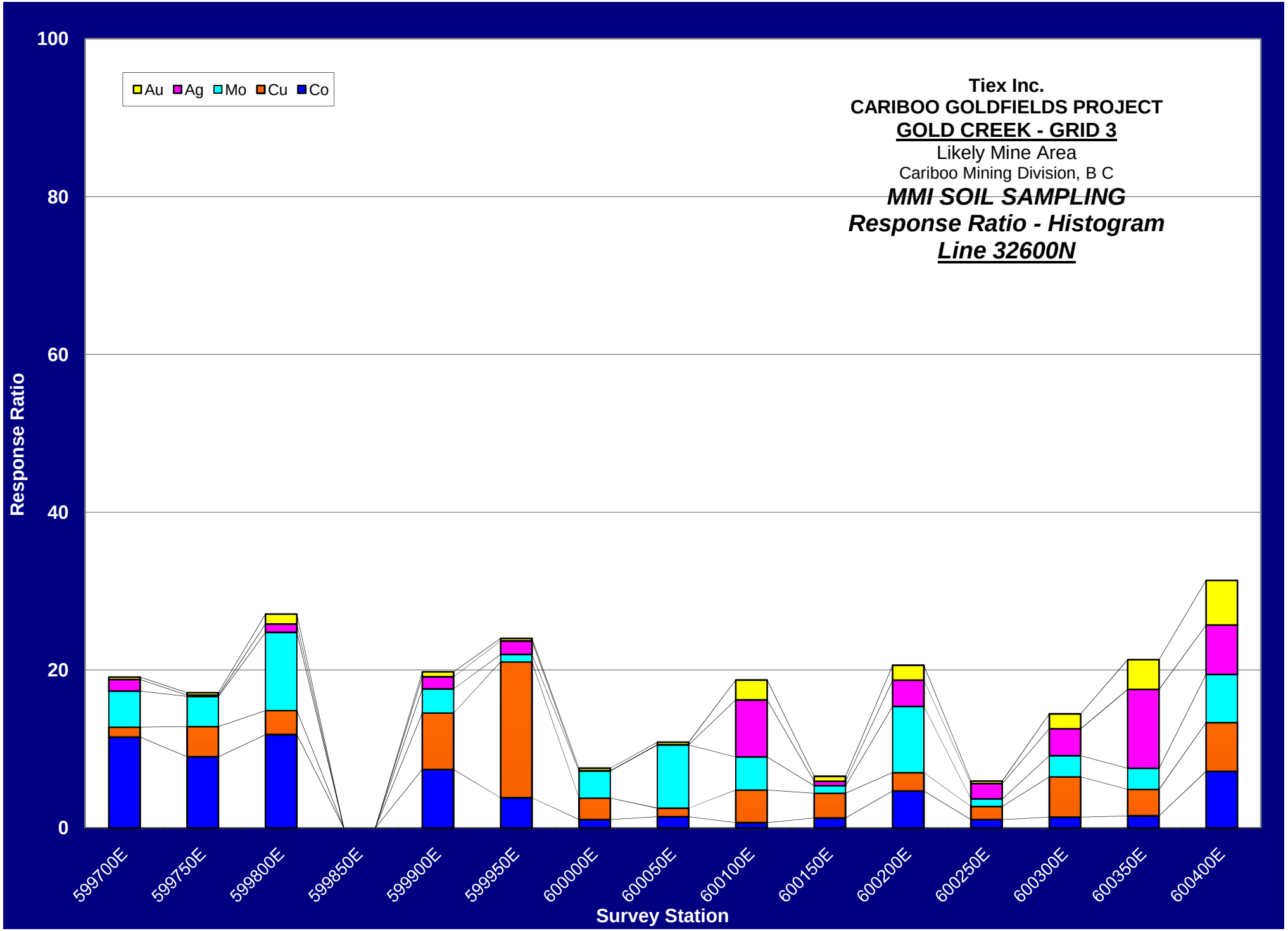
Map Center: 52.6255N 121.5436W



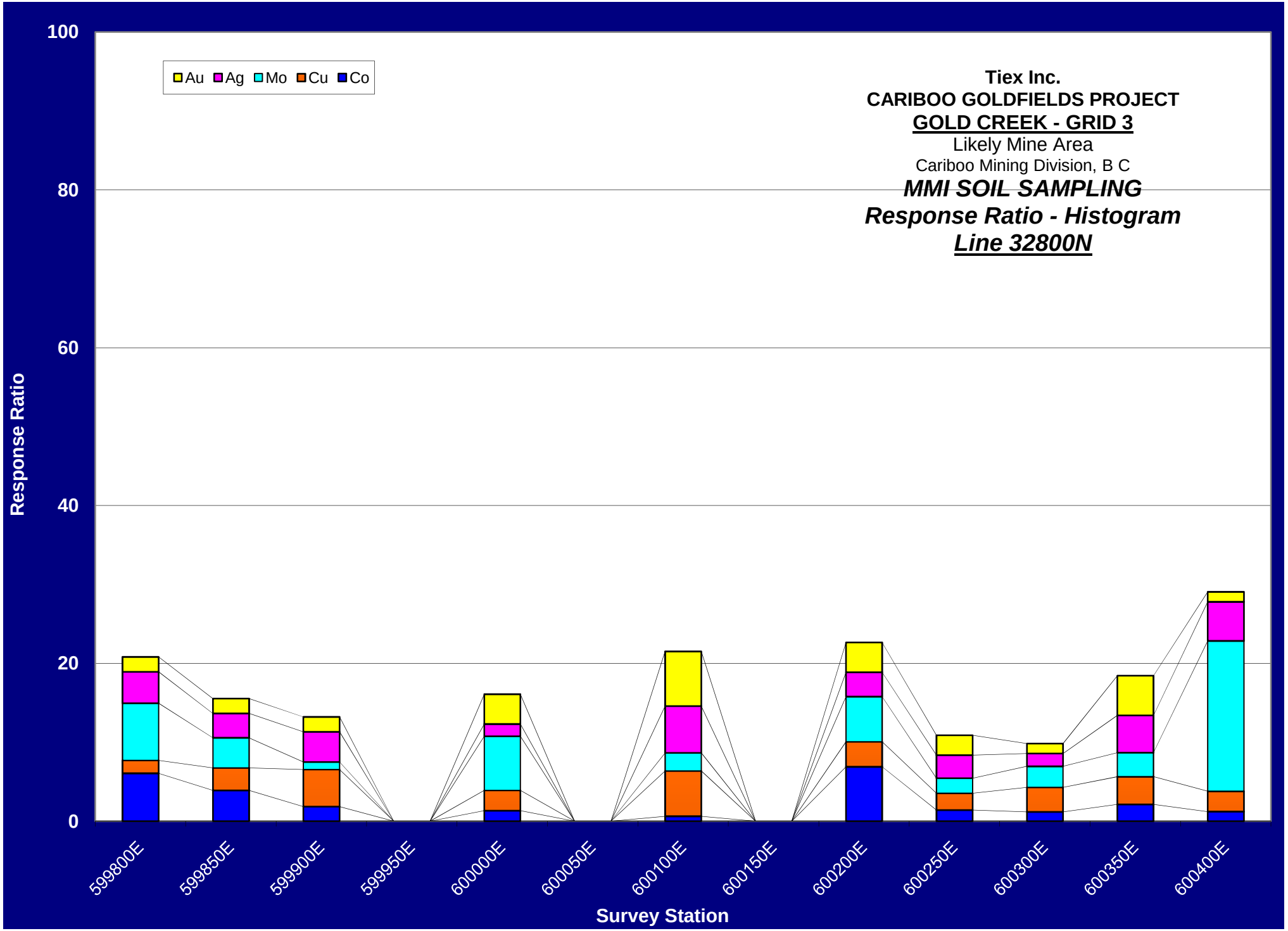
Data Reduced by : **GEOTRONICS CONSULTING INC**



Data Reduced by : **GEOTRONICS CONSULTING INC**



Data Reduced by : **GEOTRONICS CONSULTING INC**



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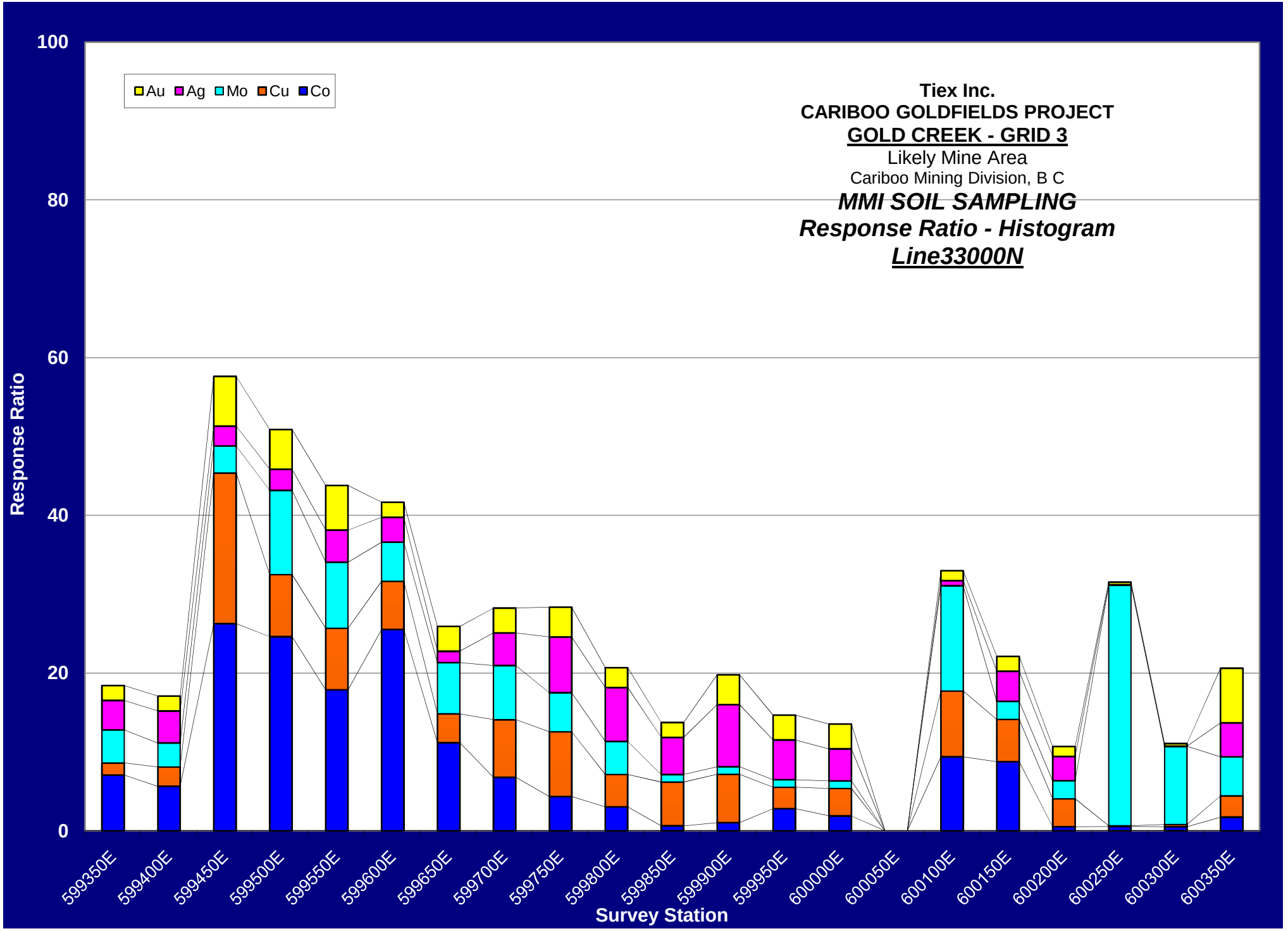

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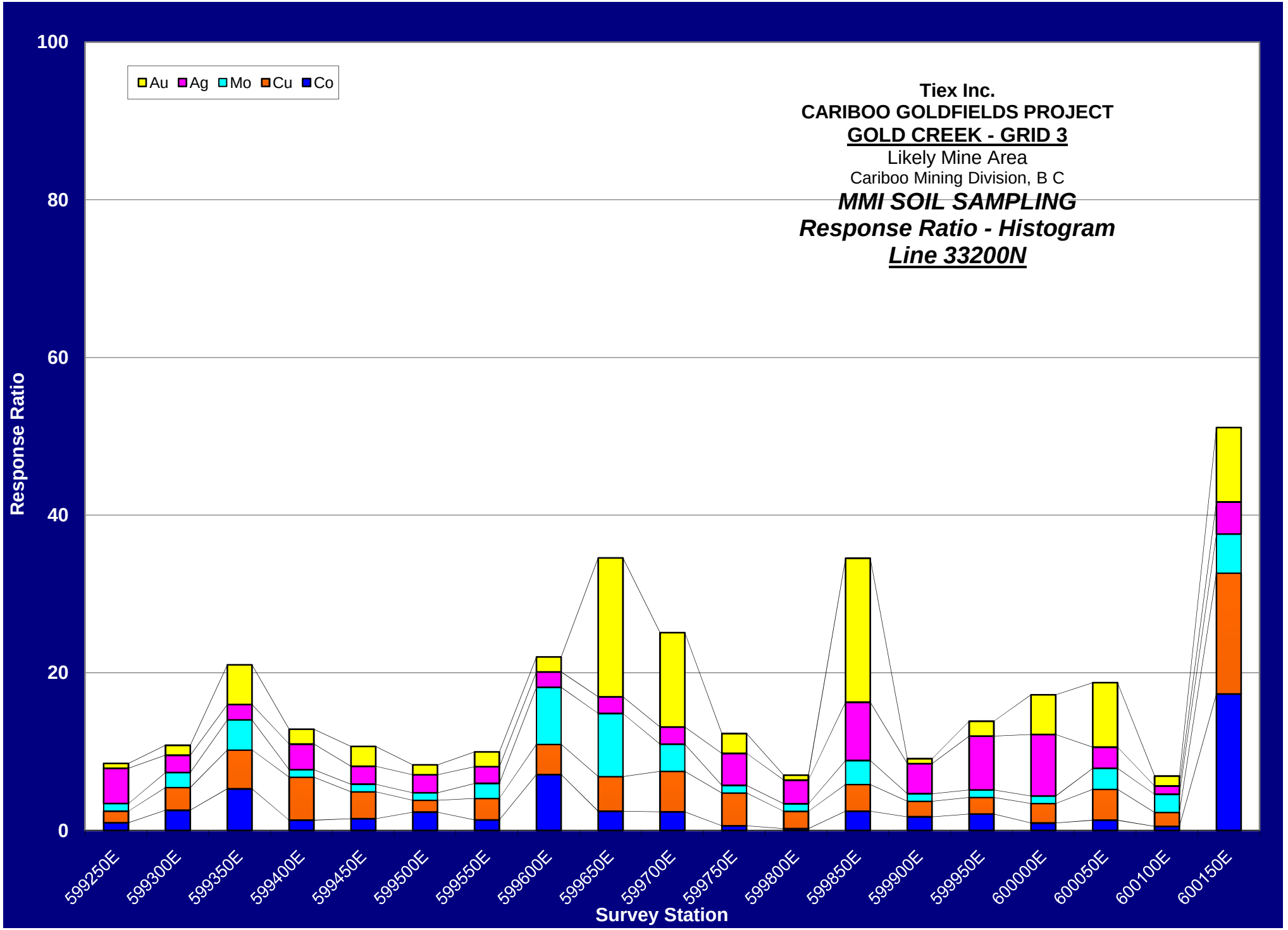

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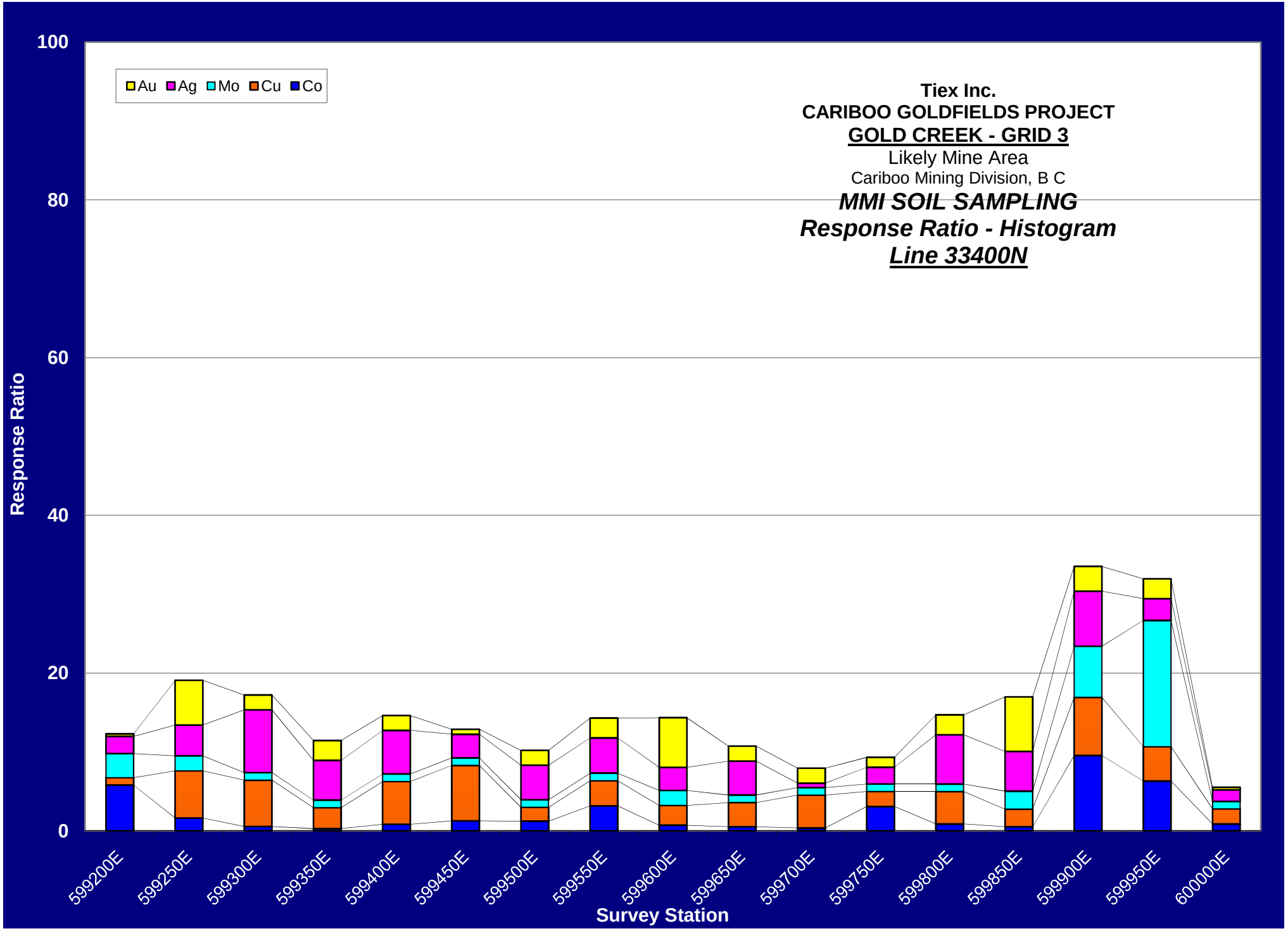
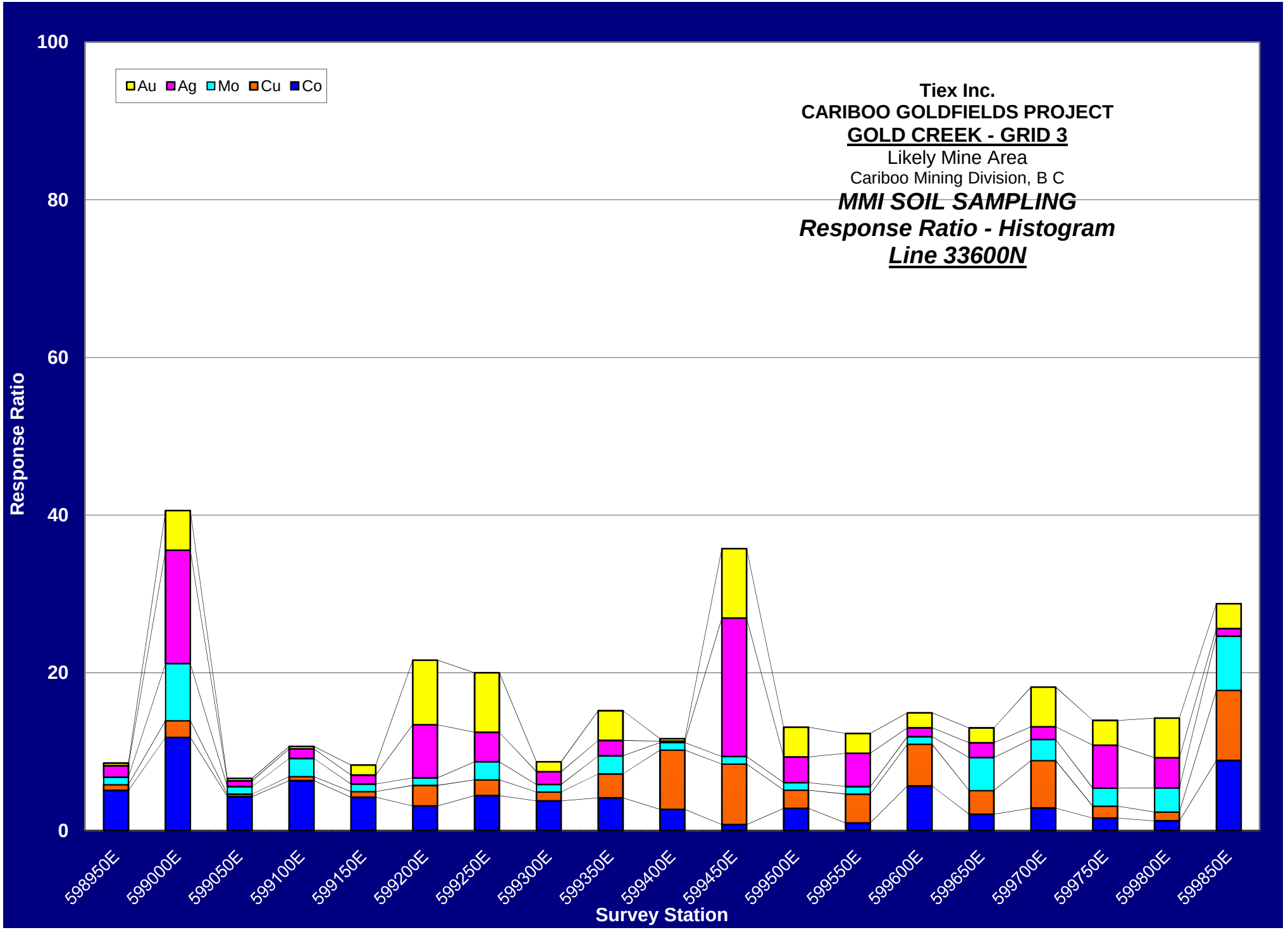


Data Reduced by : **GEOTRONICS CONSULTING INC**



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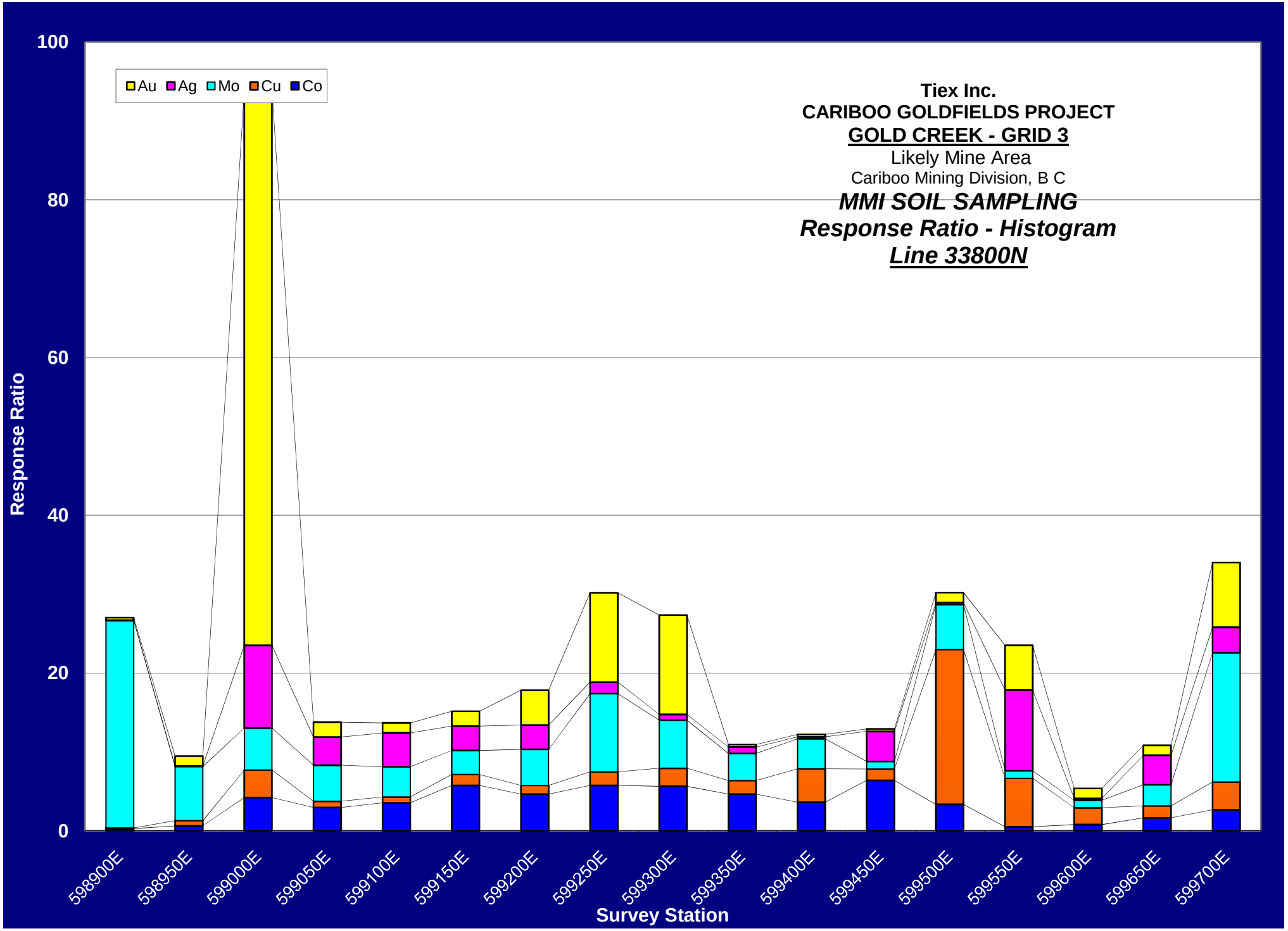

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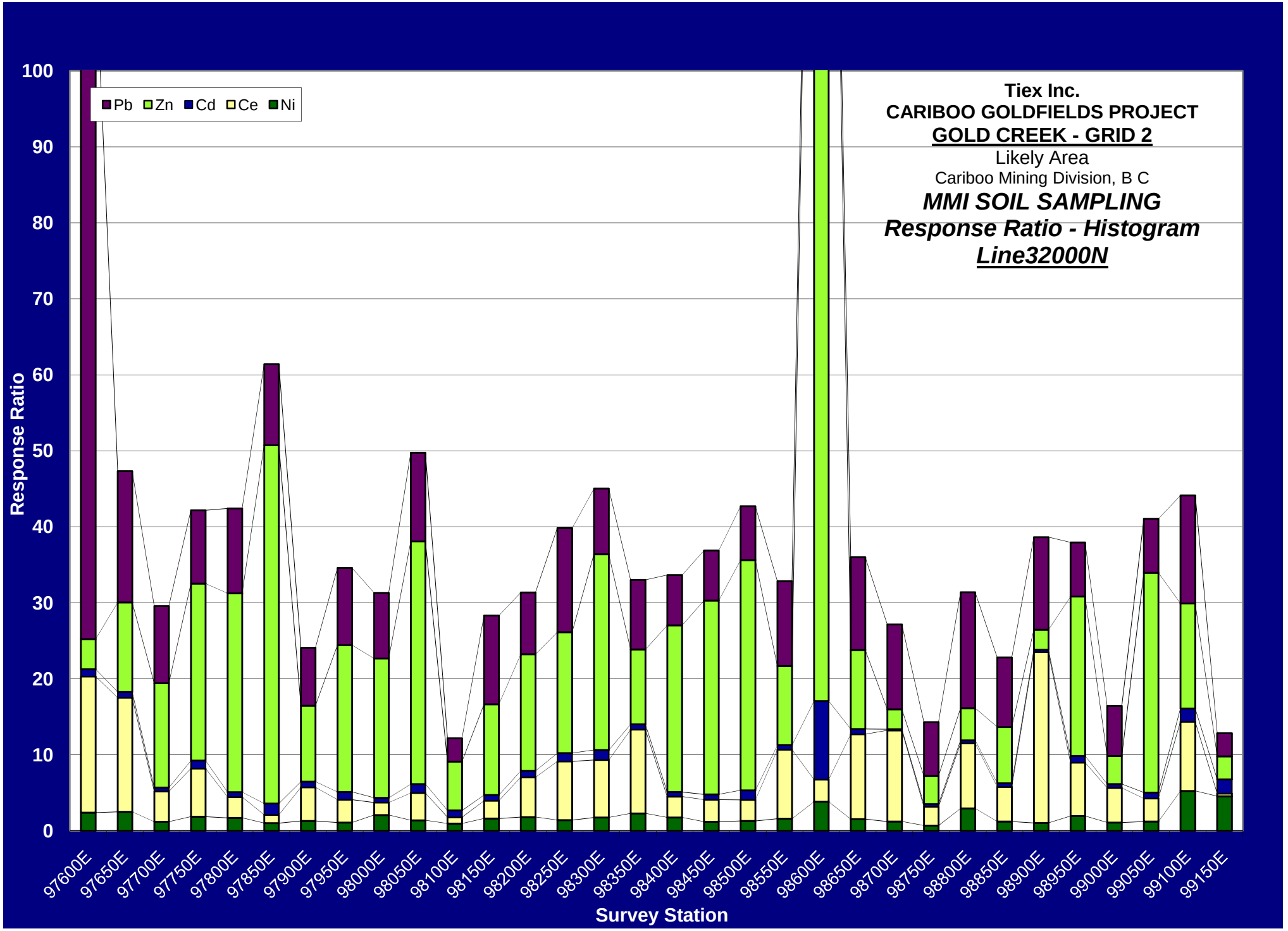
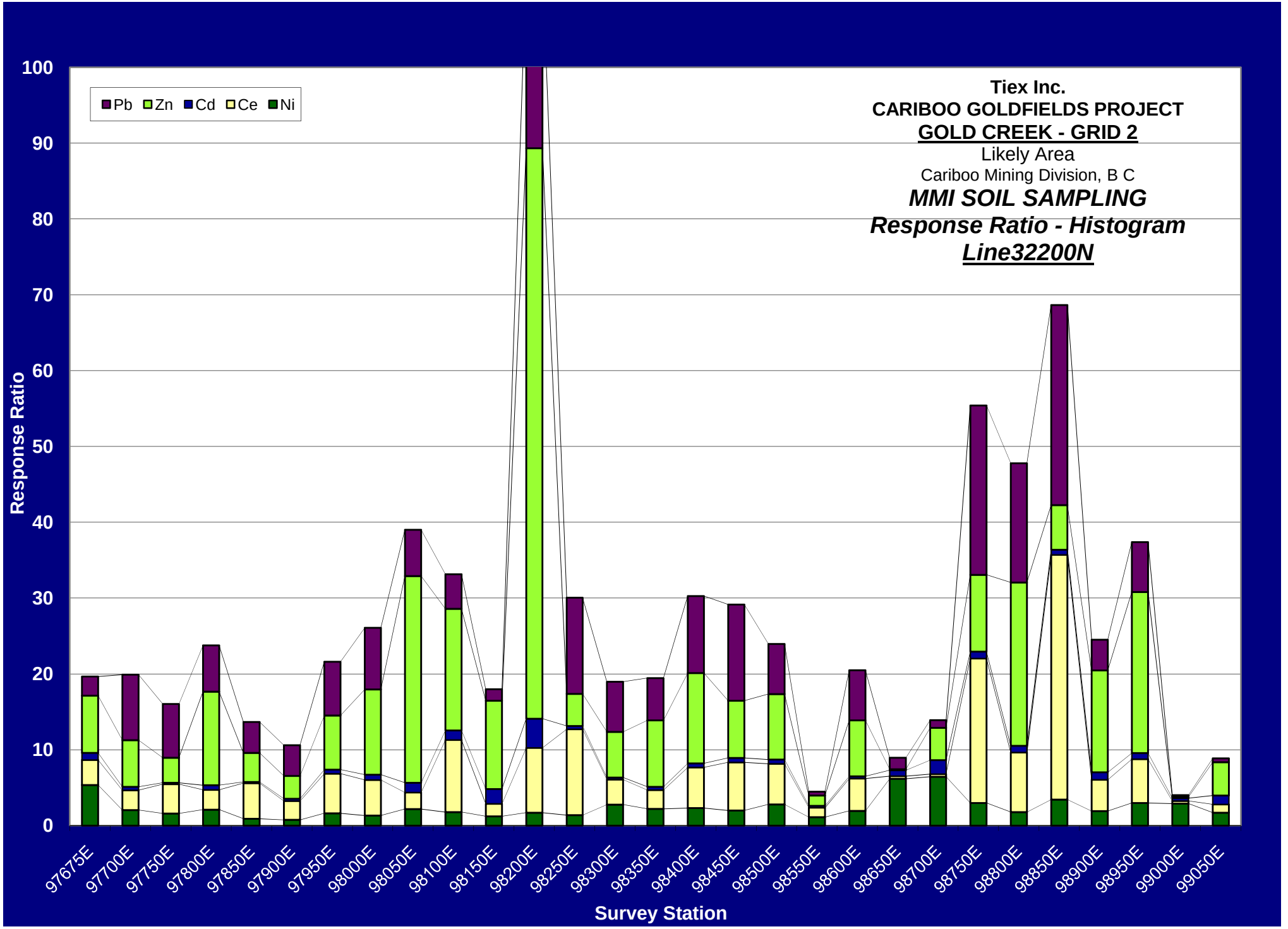


Data Reduced by : **GEOTRONICS CONSULTING INC**



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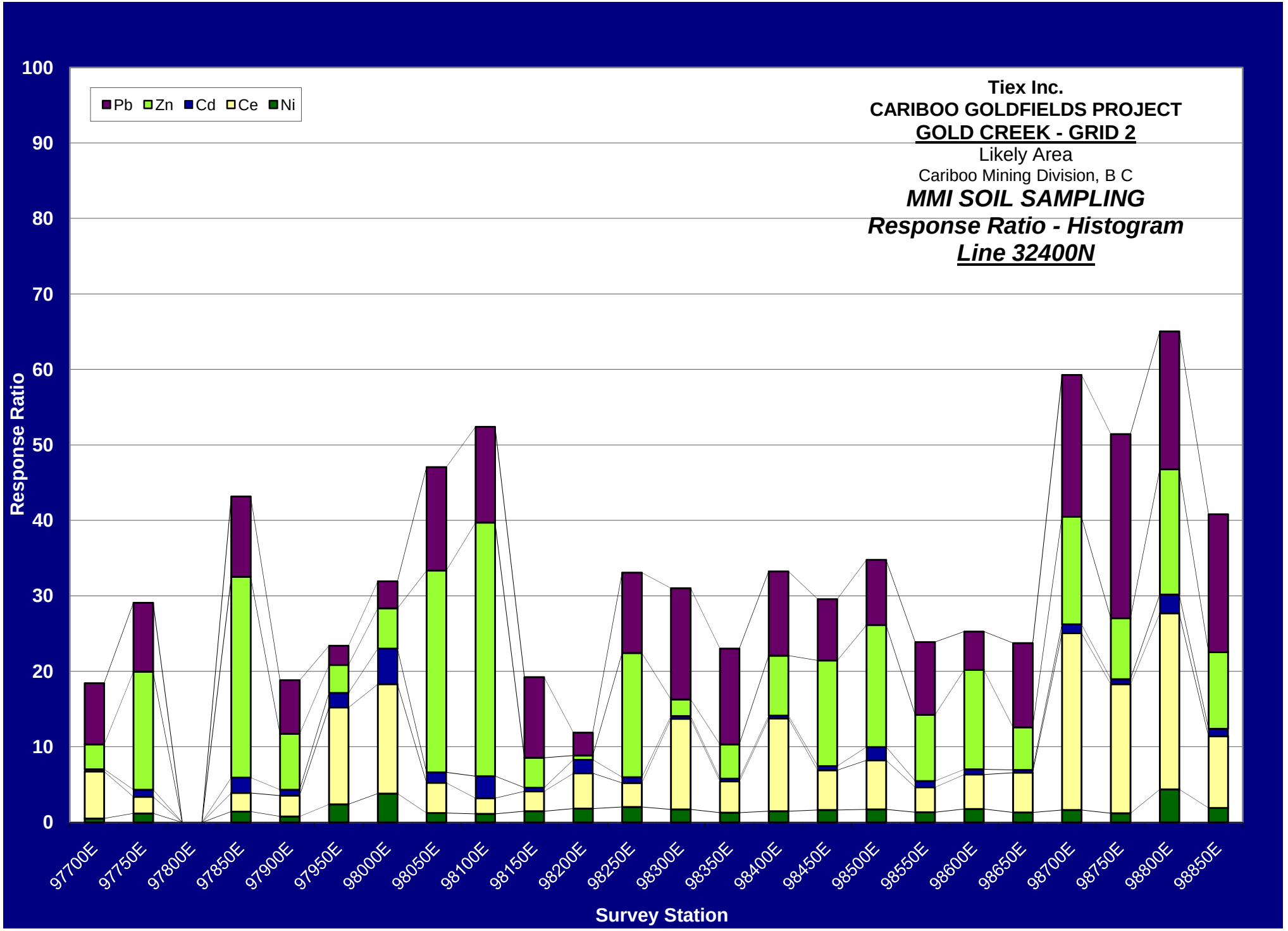

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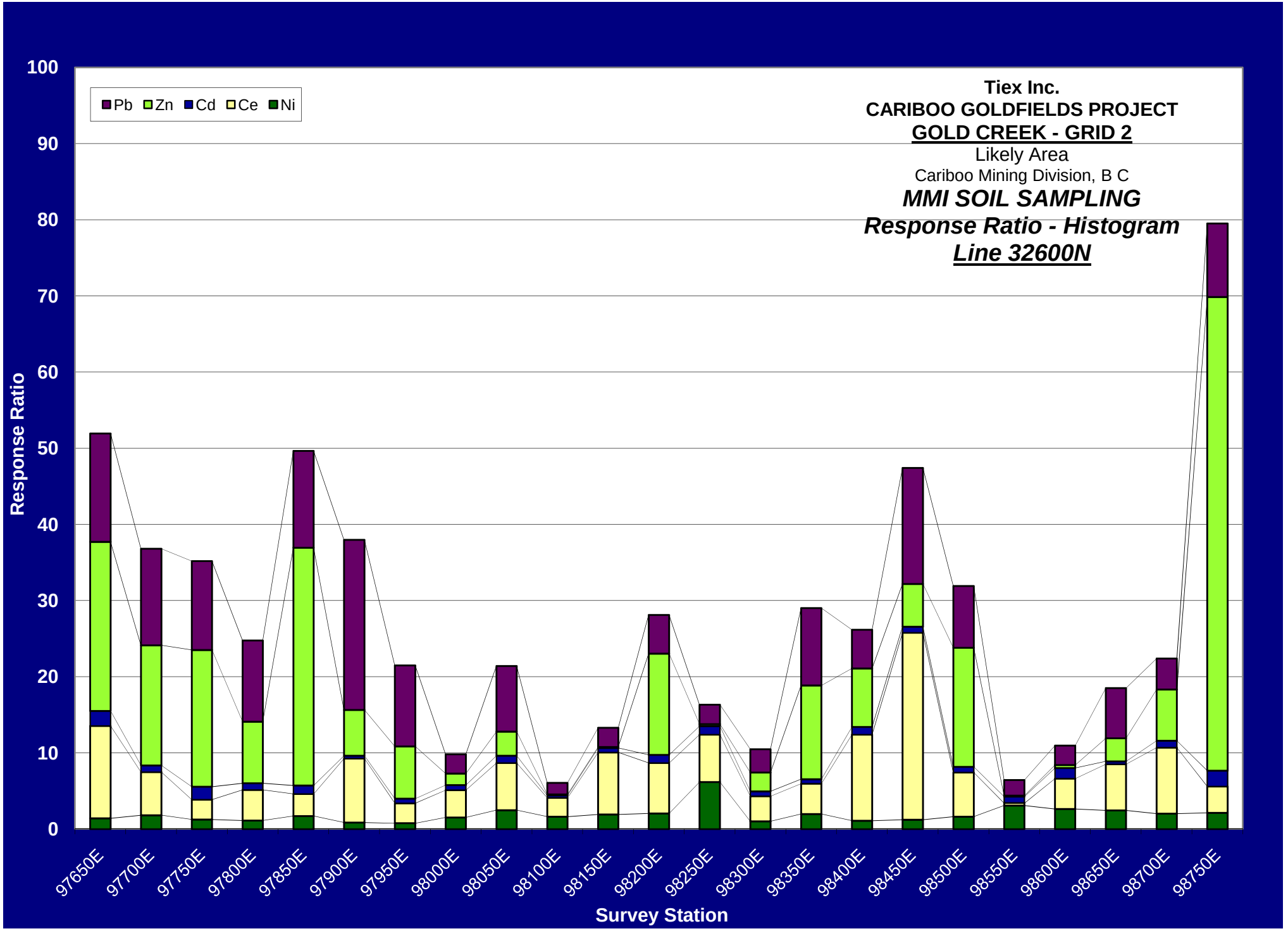

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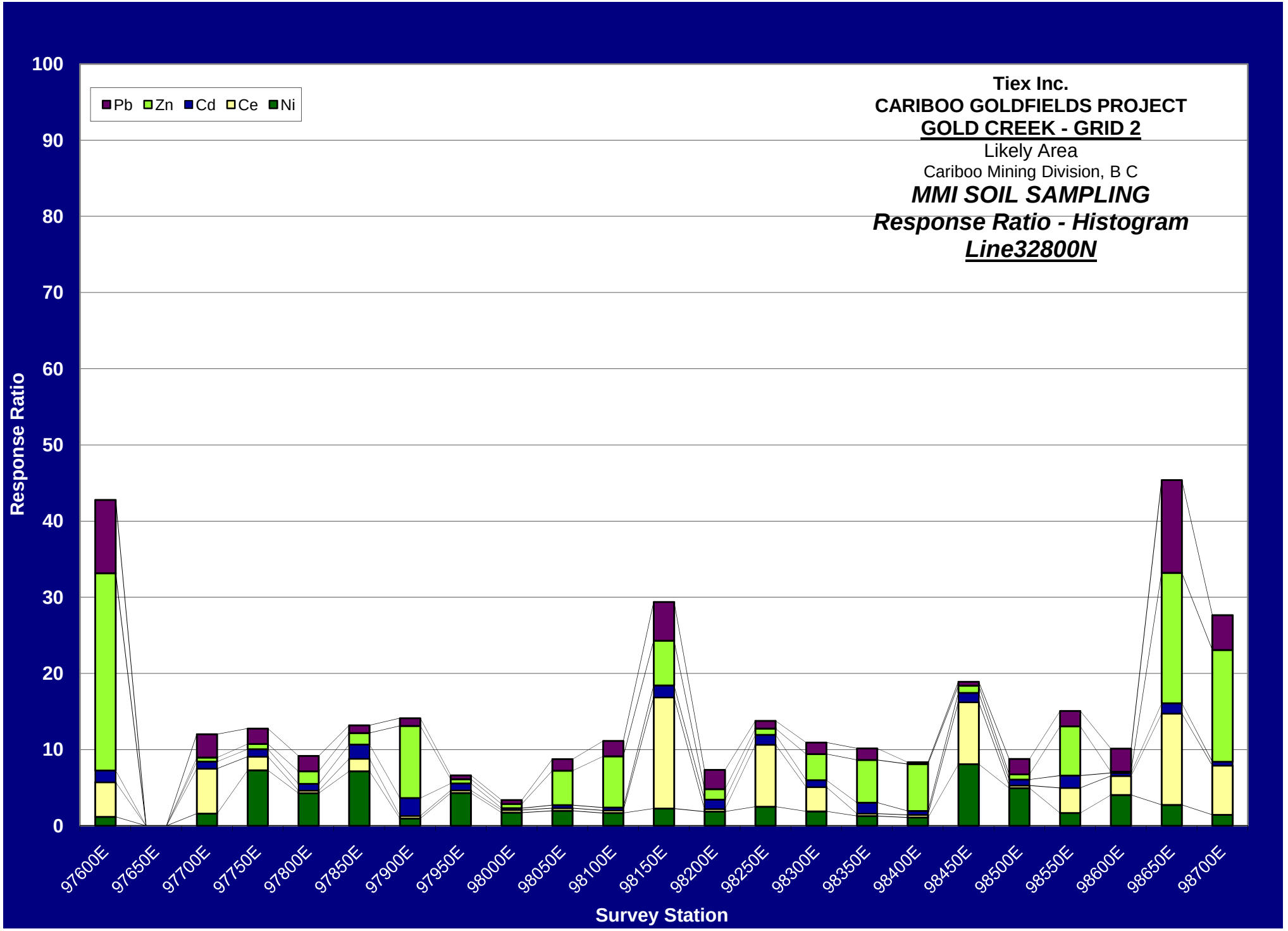
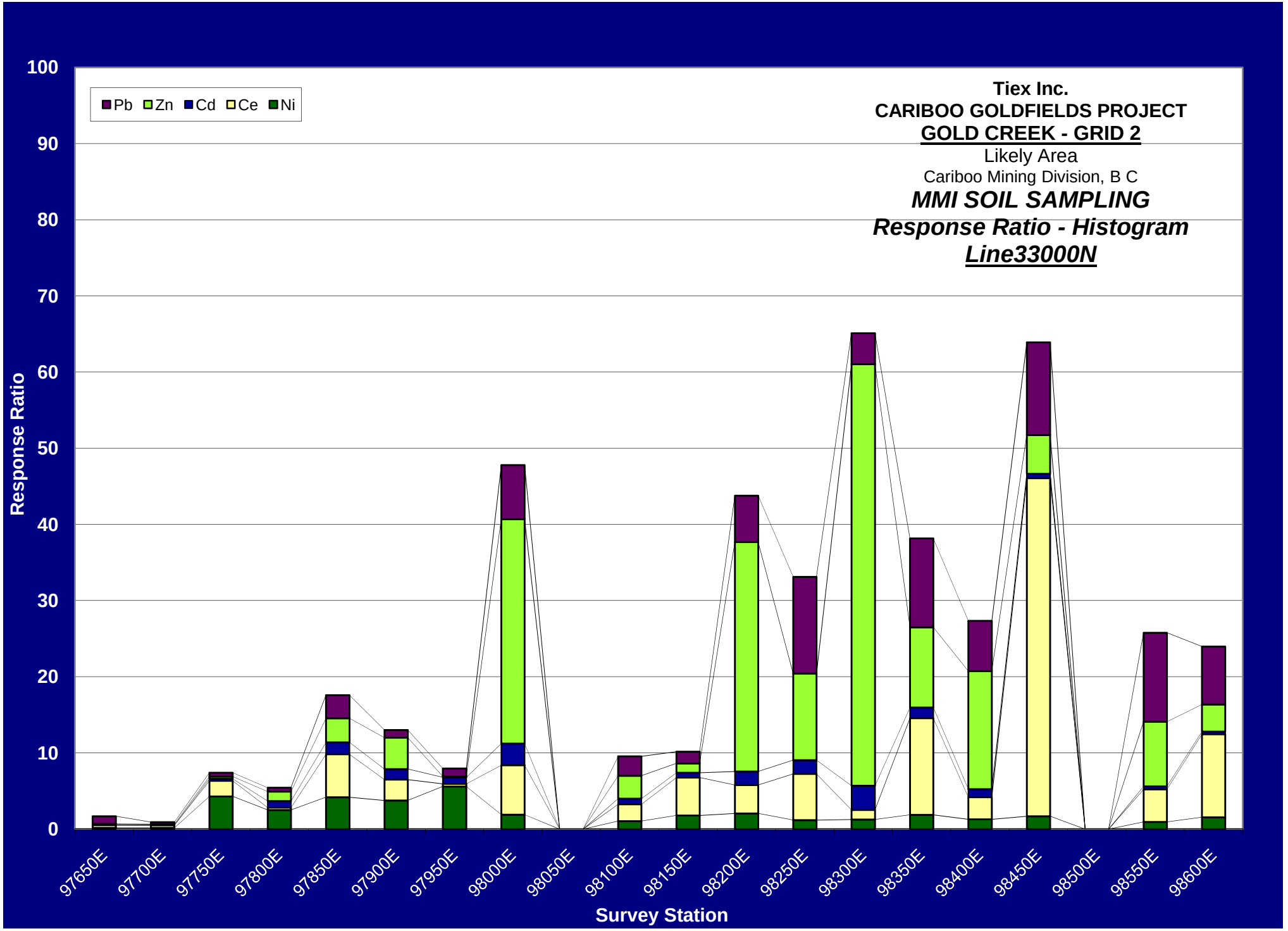
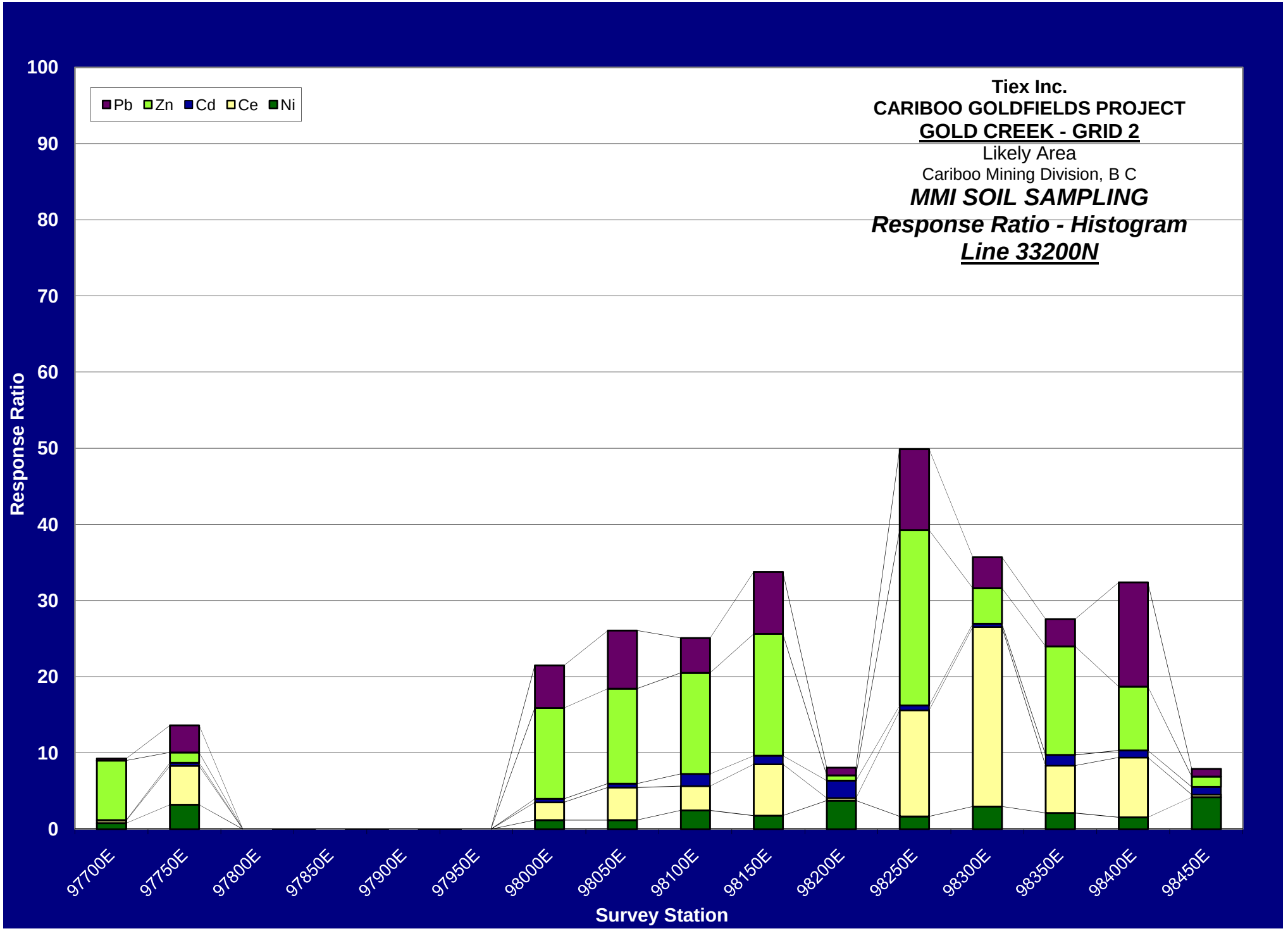


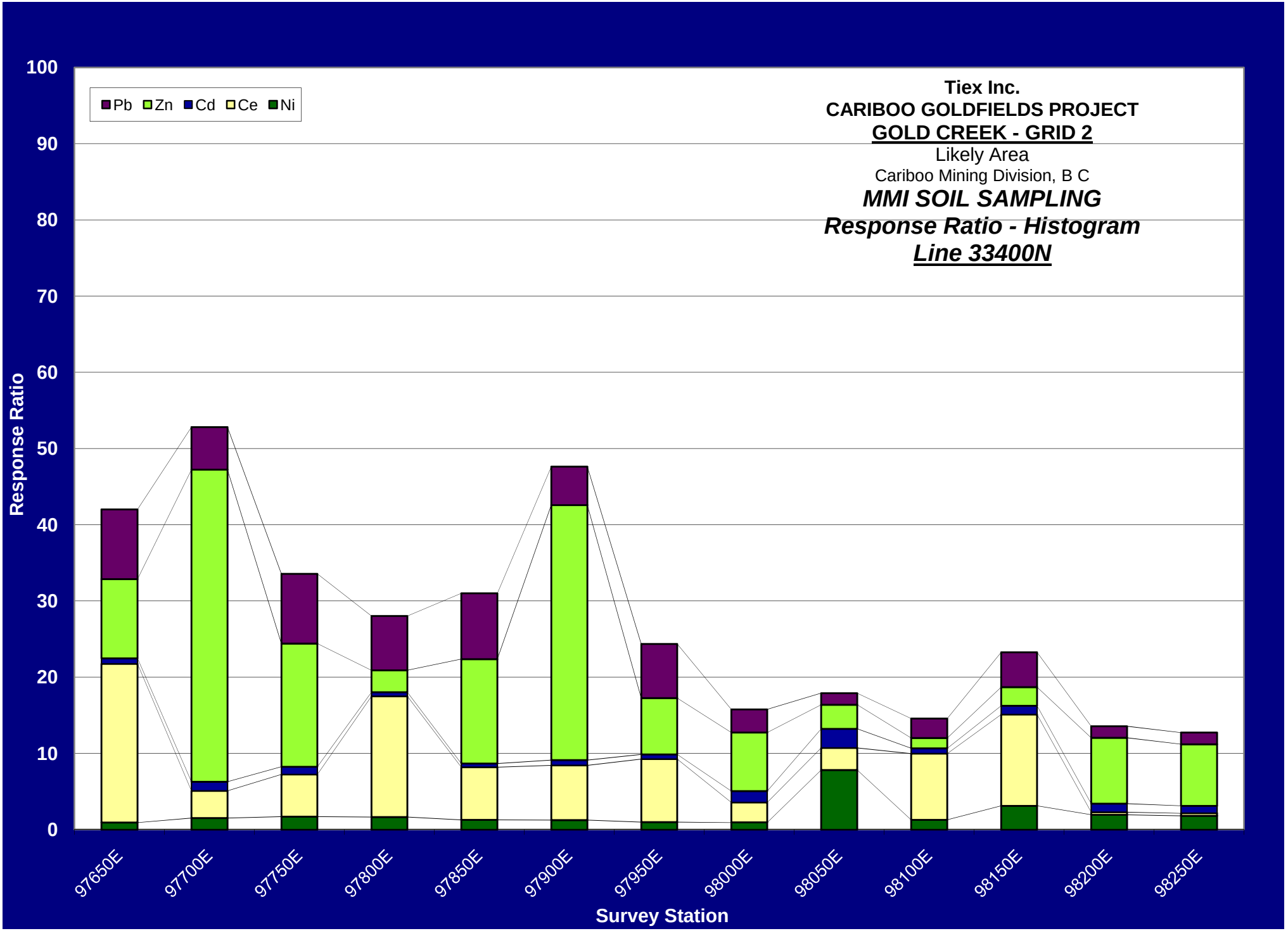
Data Reduced by : **GEOTRONICS CONSULTING INC**



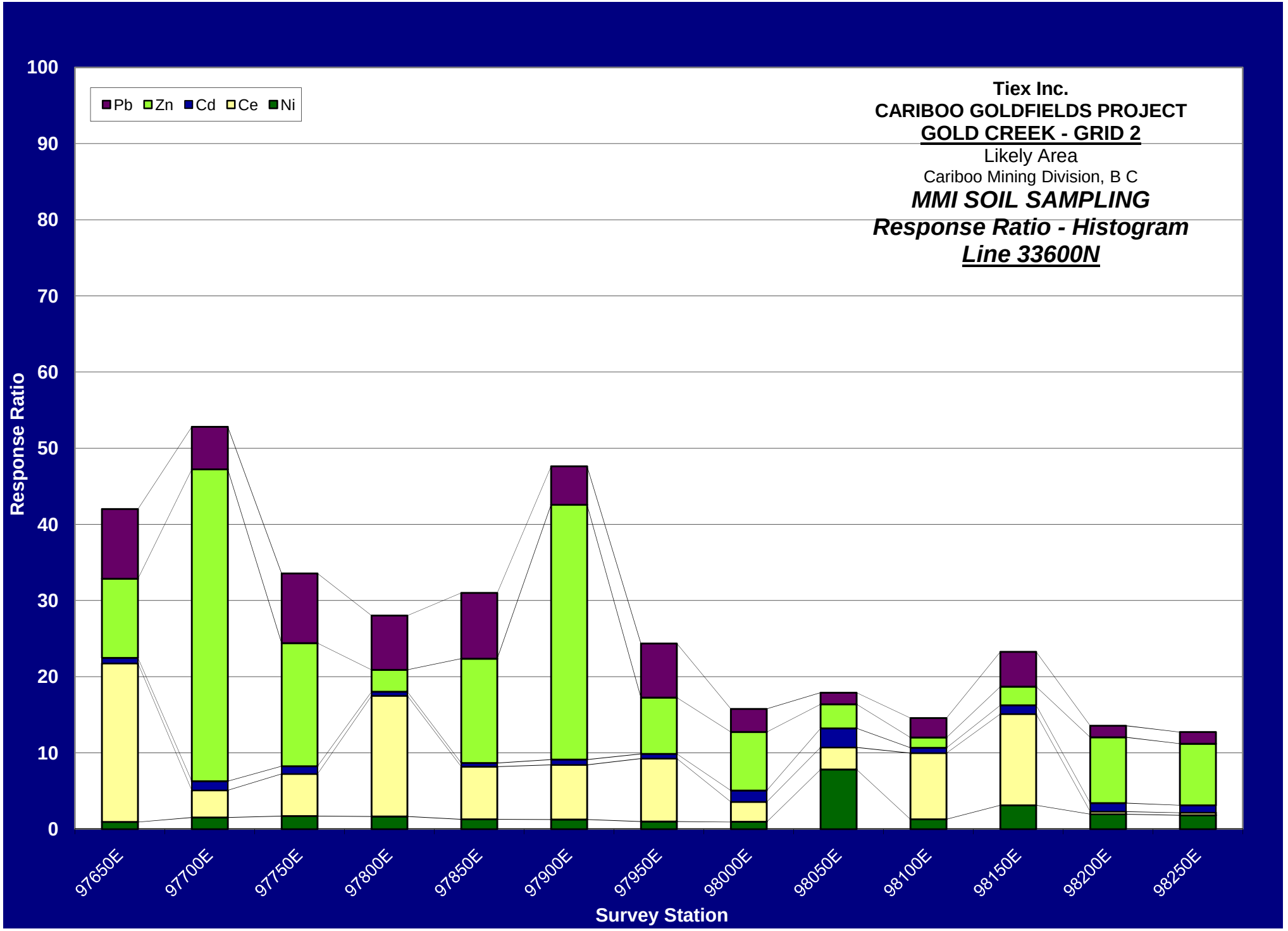
Data Reduced by : **GEOTRONICS CONSULTING INC**



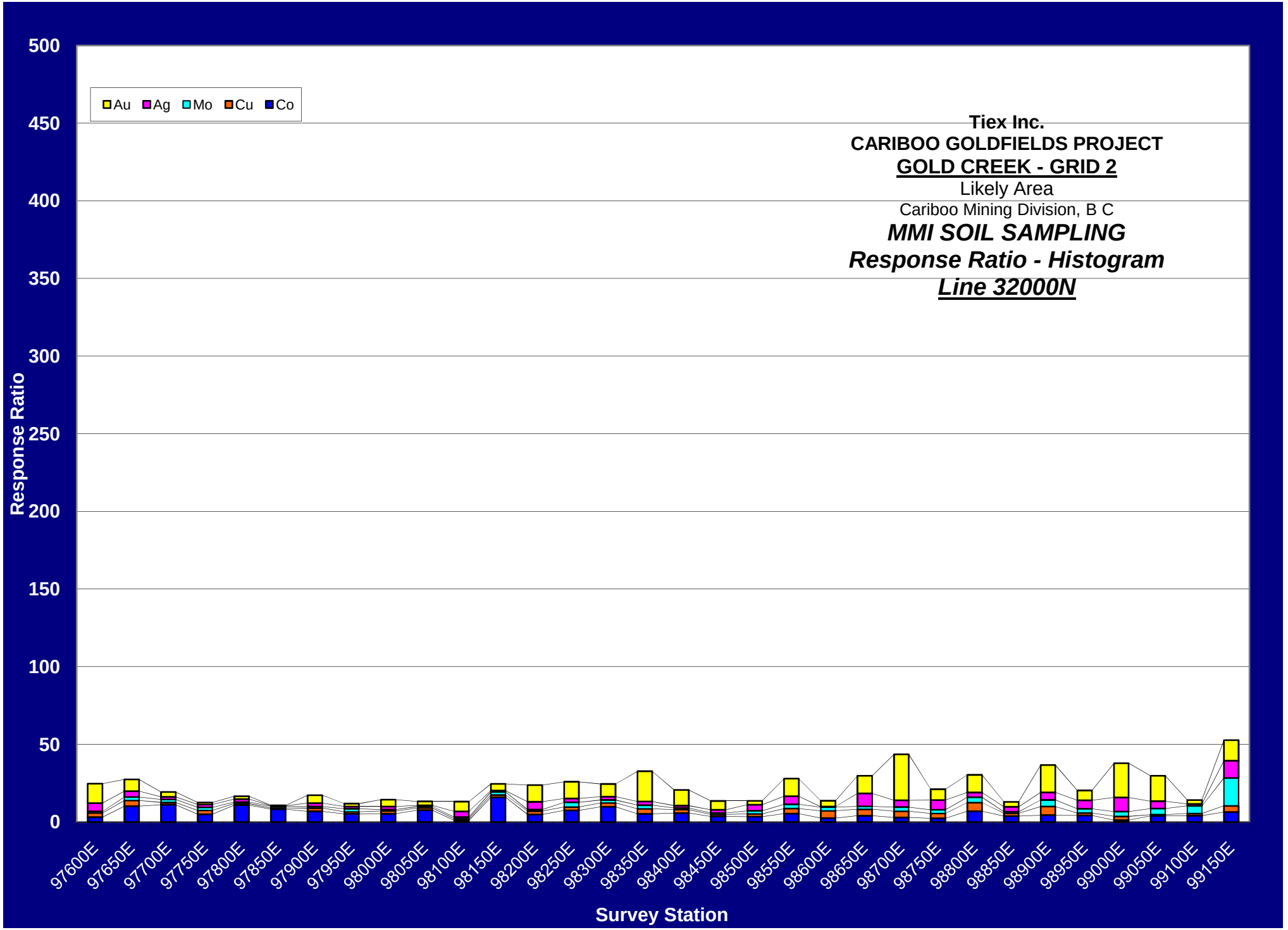
Data Reduced by : **GEOTRONICS CONSULTING INC**



Data Reduced by : **GEOTRONICS CONSULTING INC**



Data Reduced by : **GEOTRONICS CONSULTING INC**



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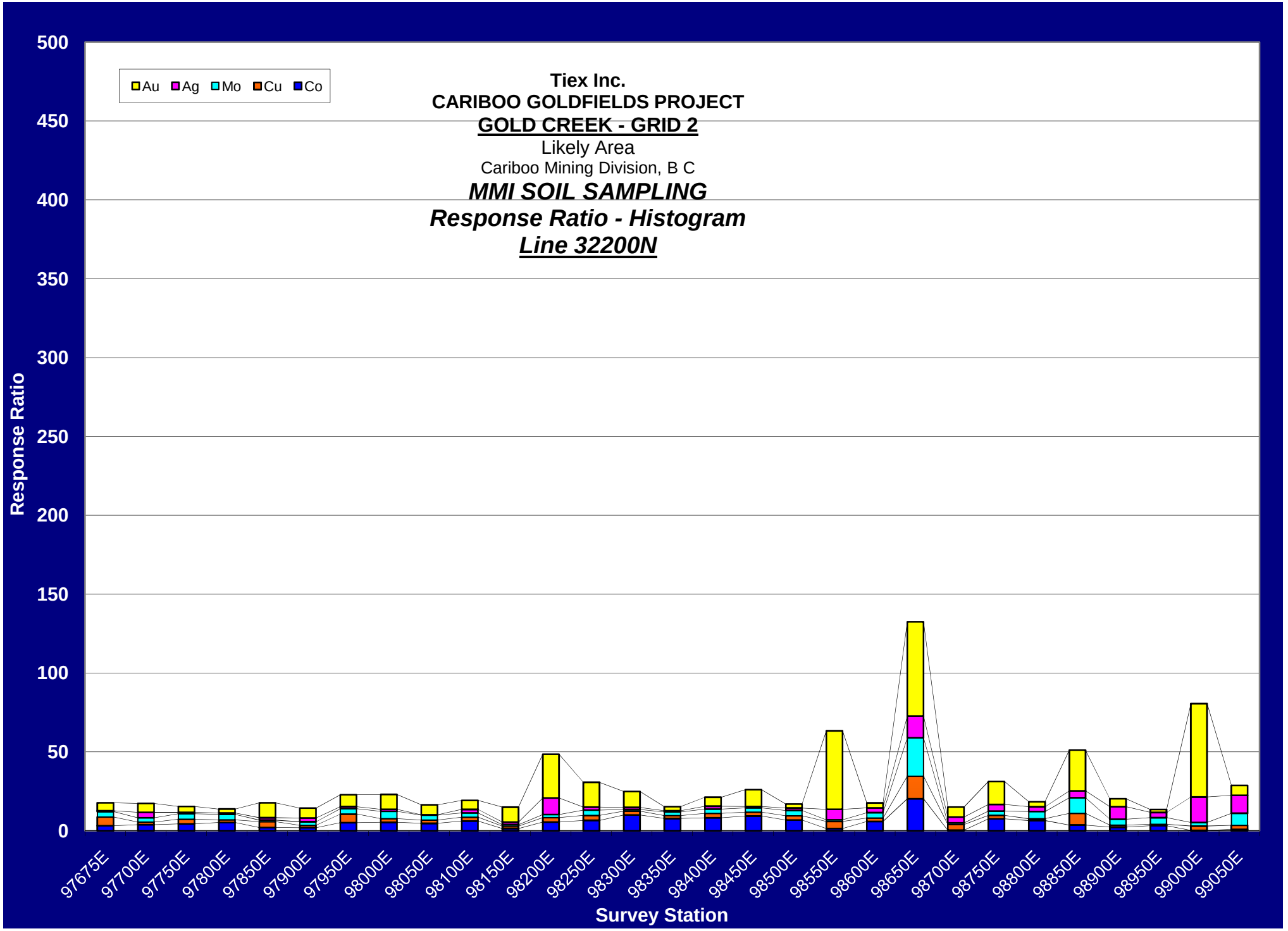

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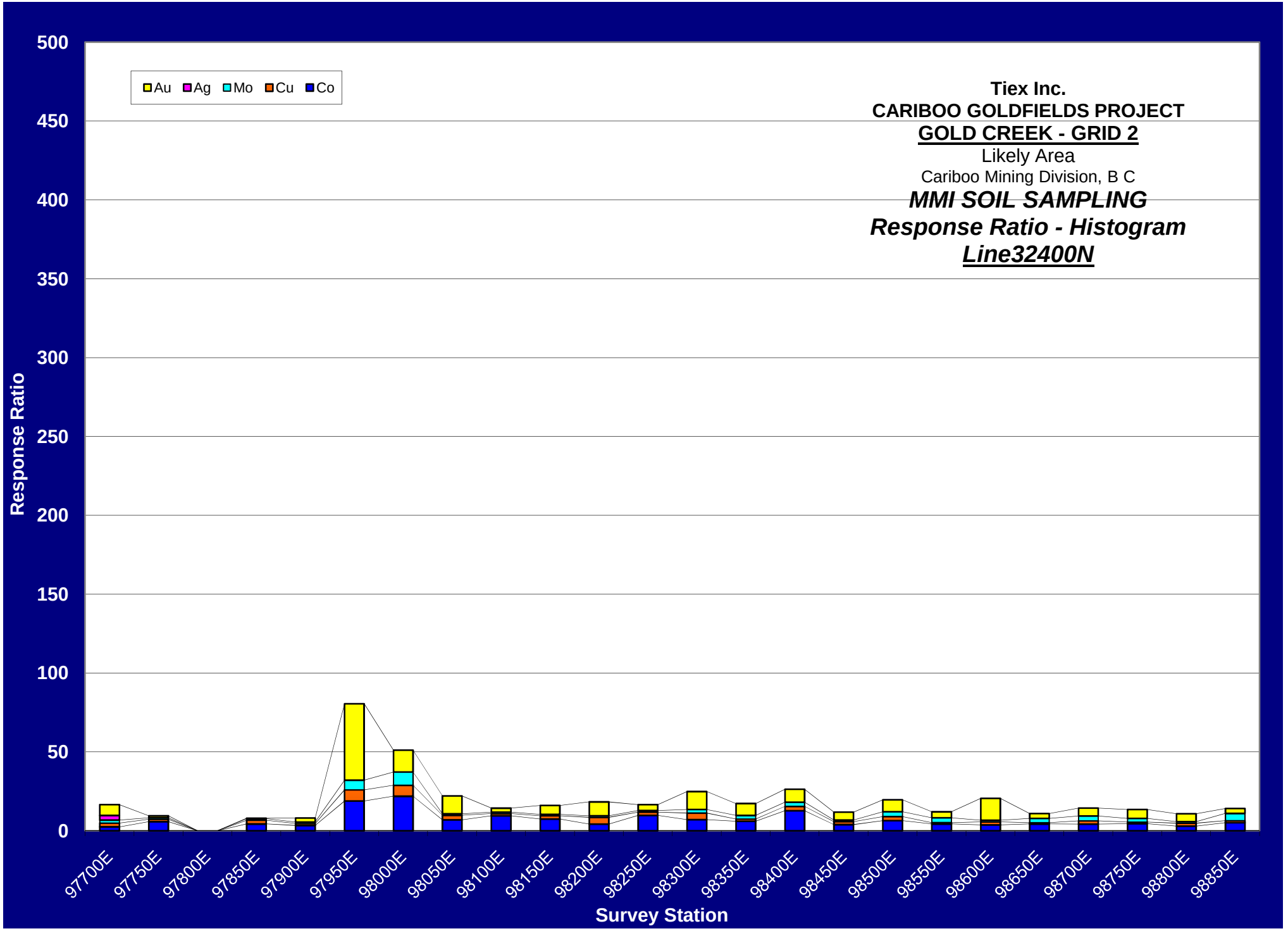

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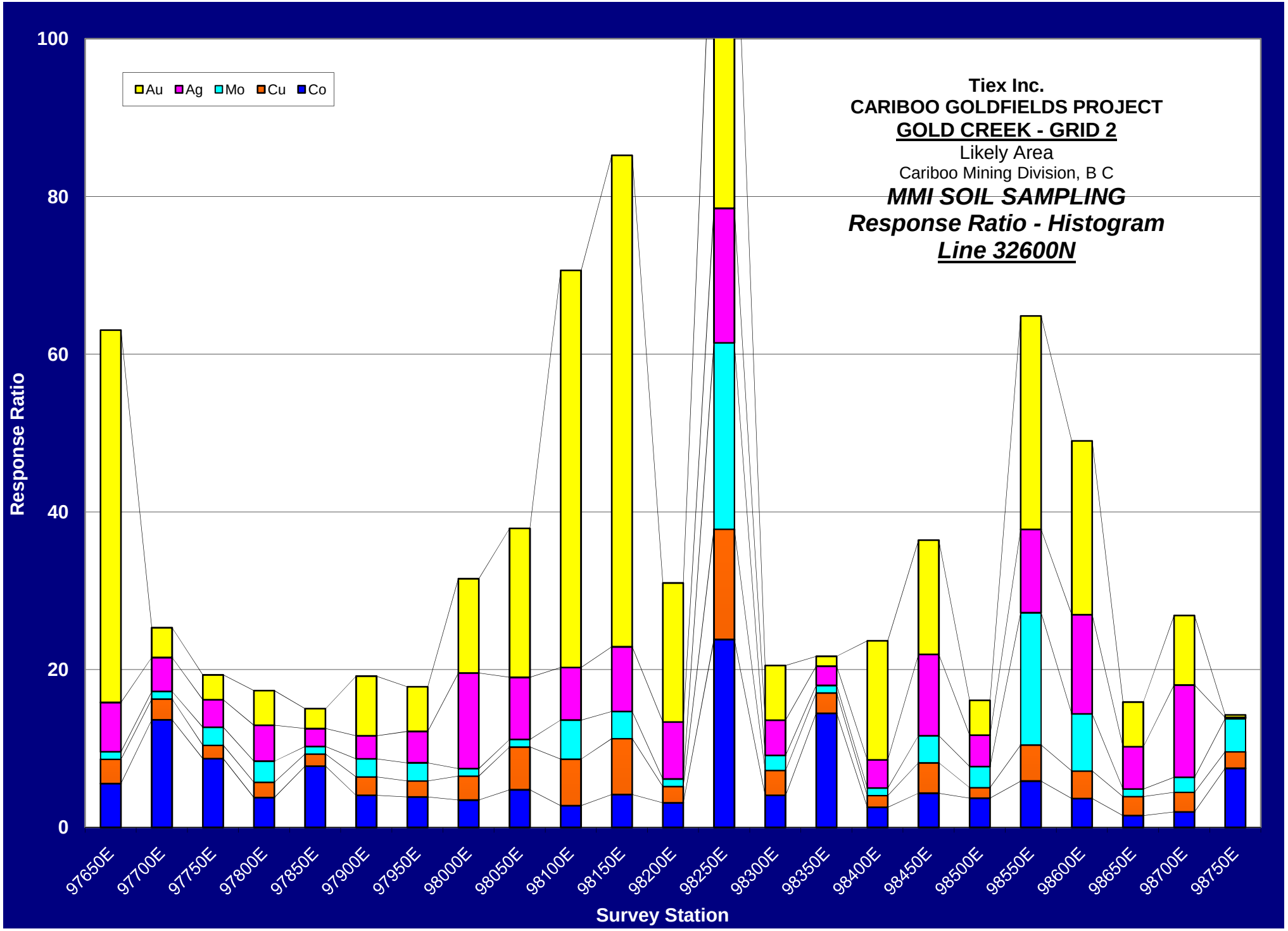
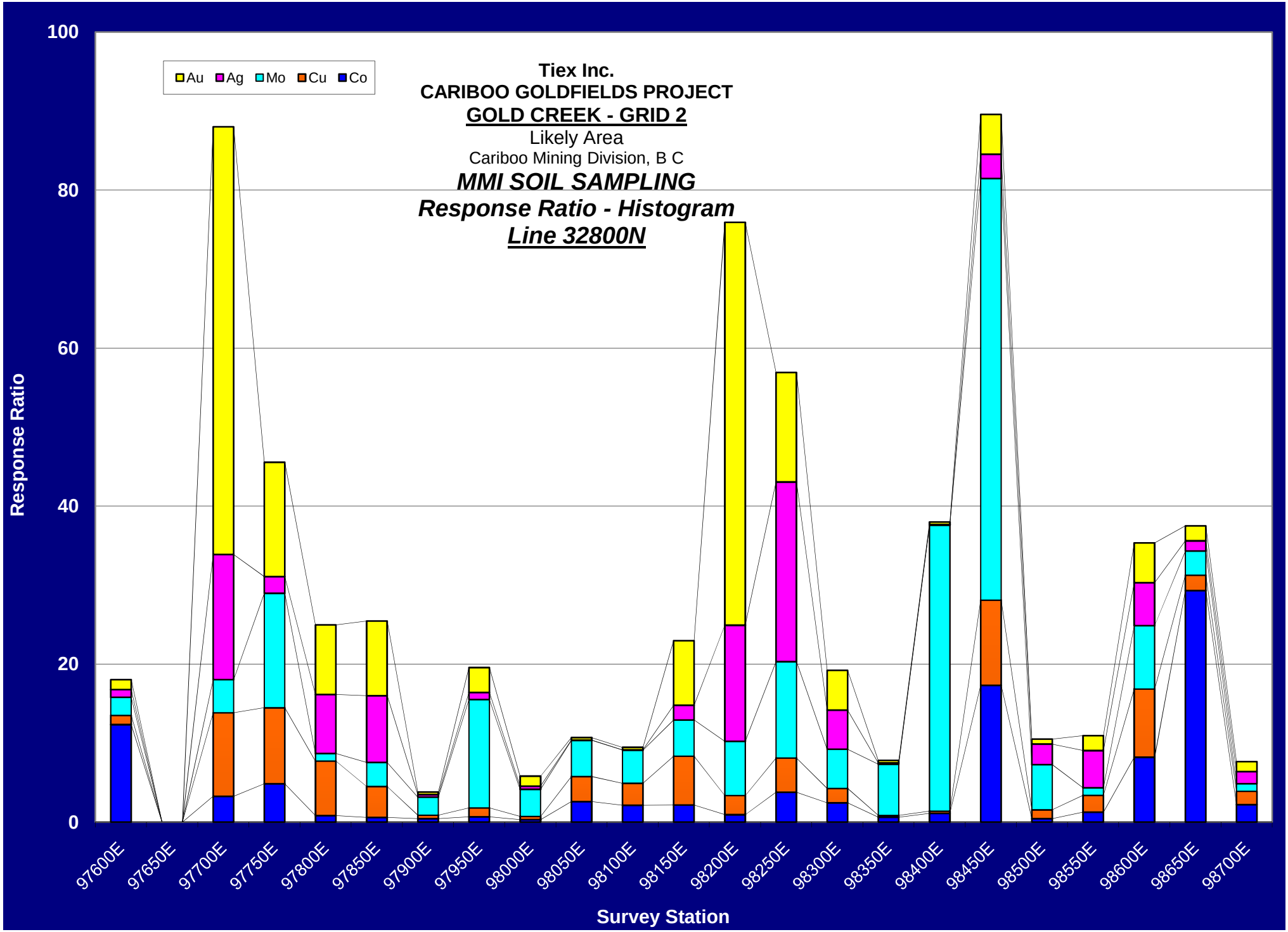


Data Reduced by : **GEOTRONICS CONSULTING INC**



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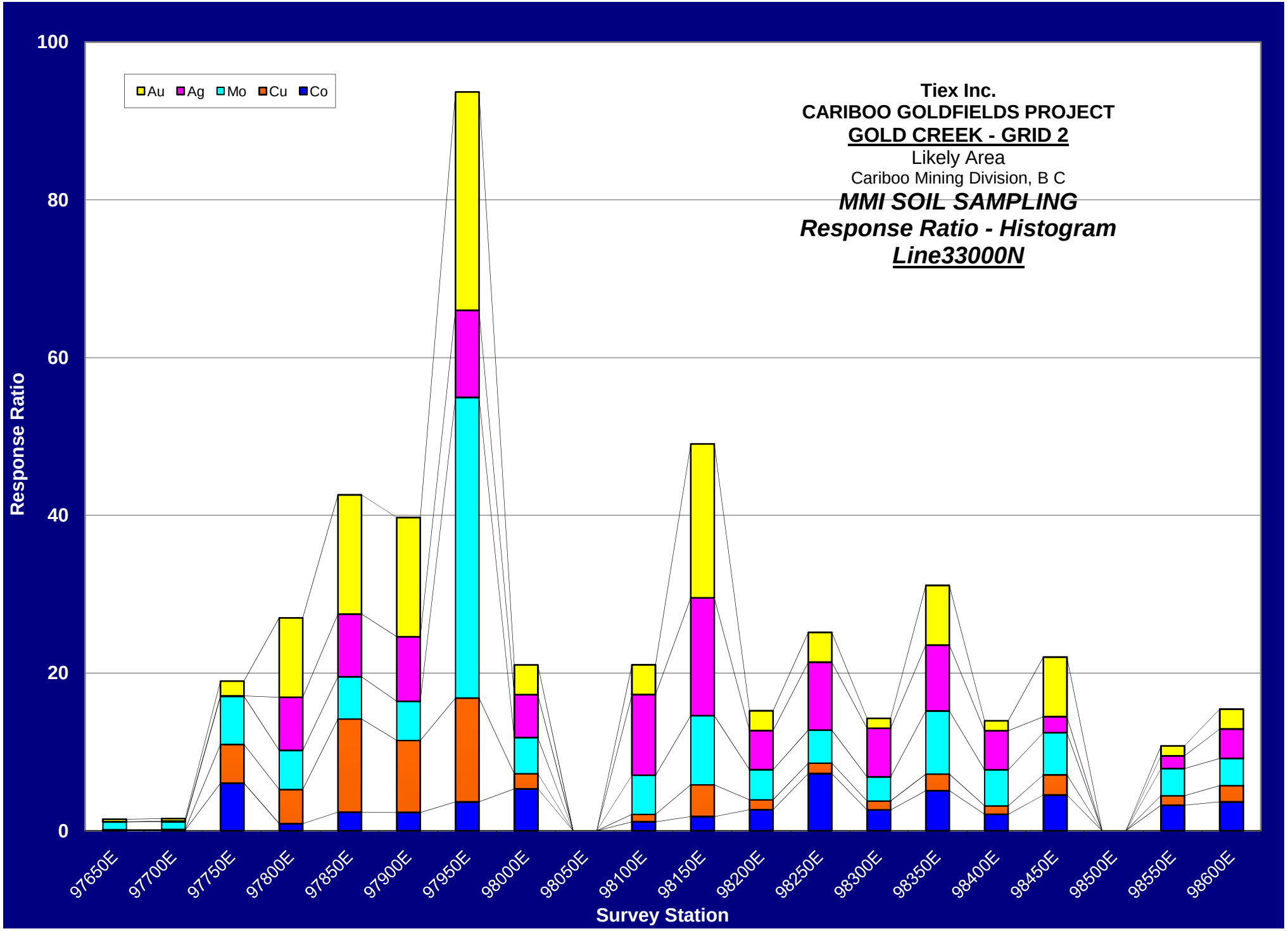

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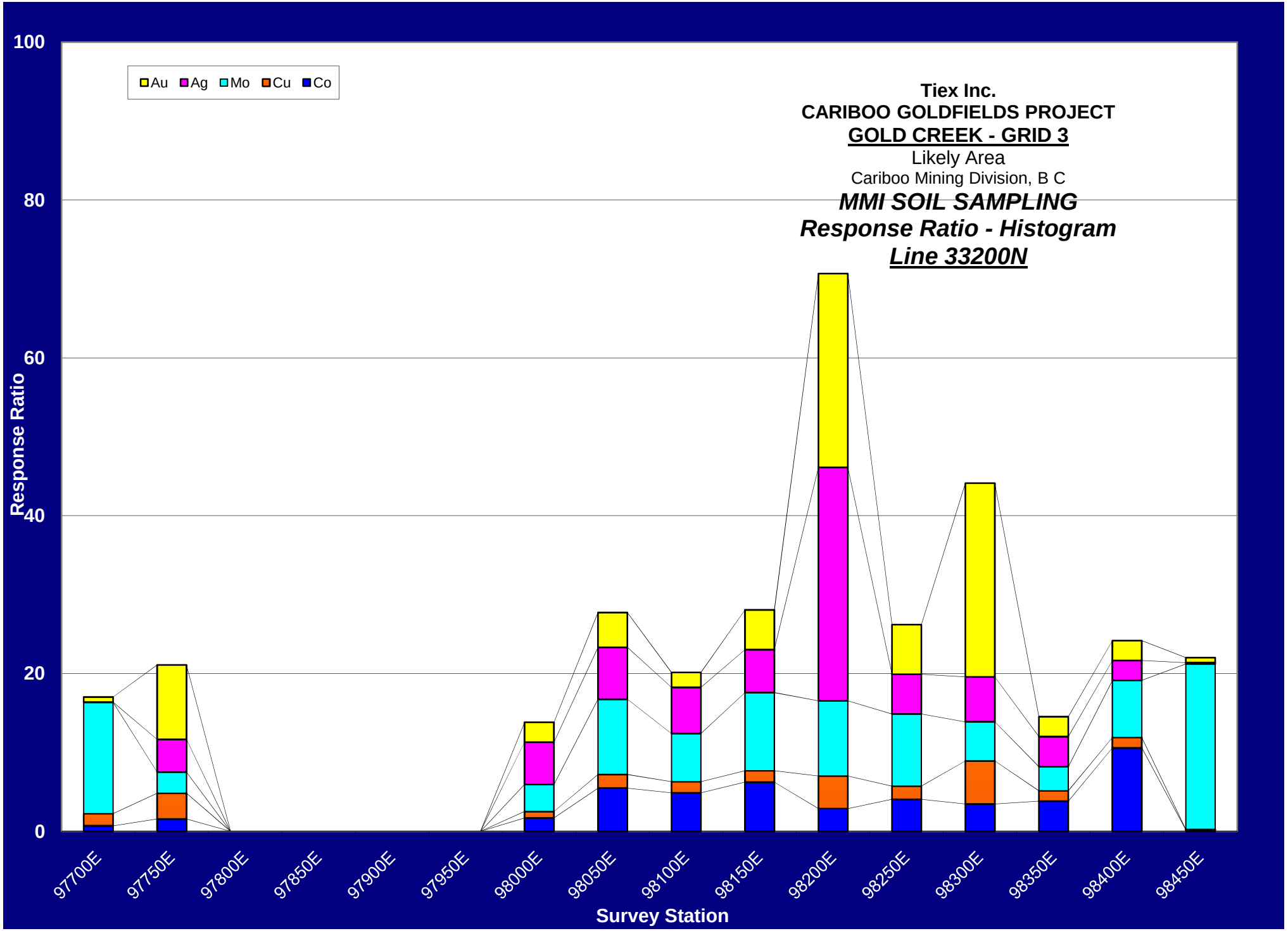

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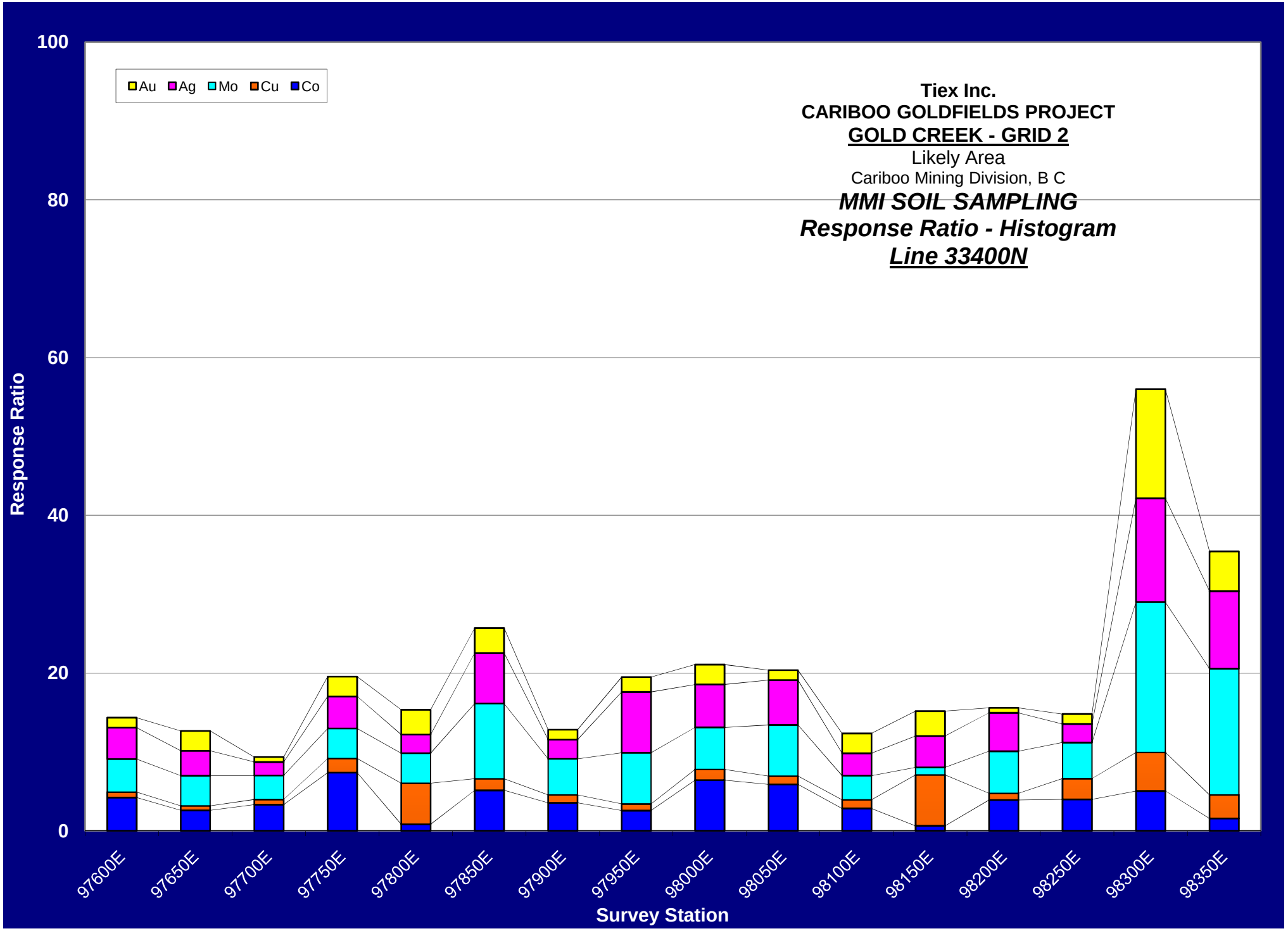

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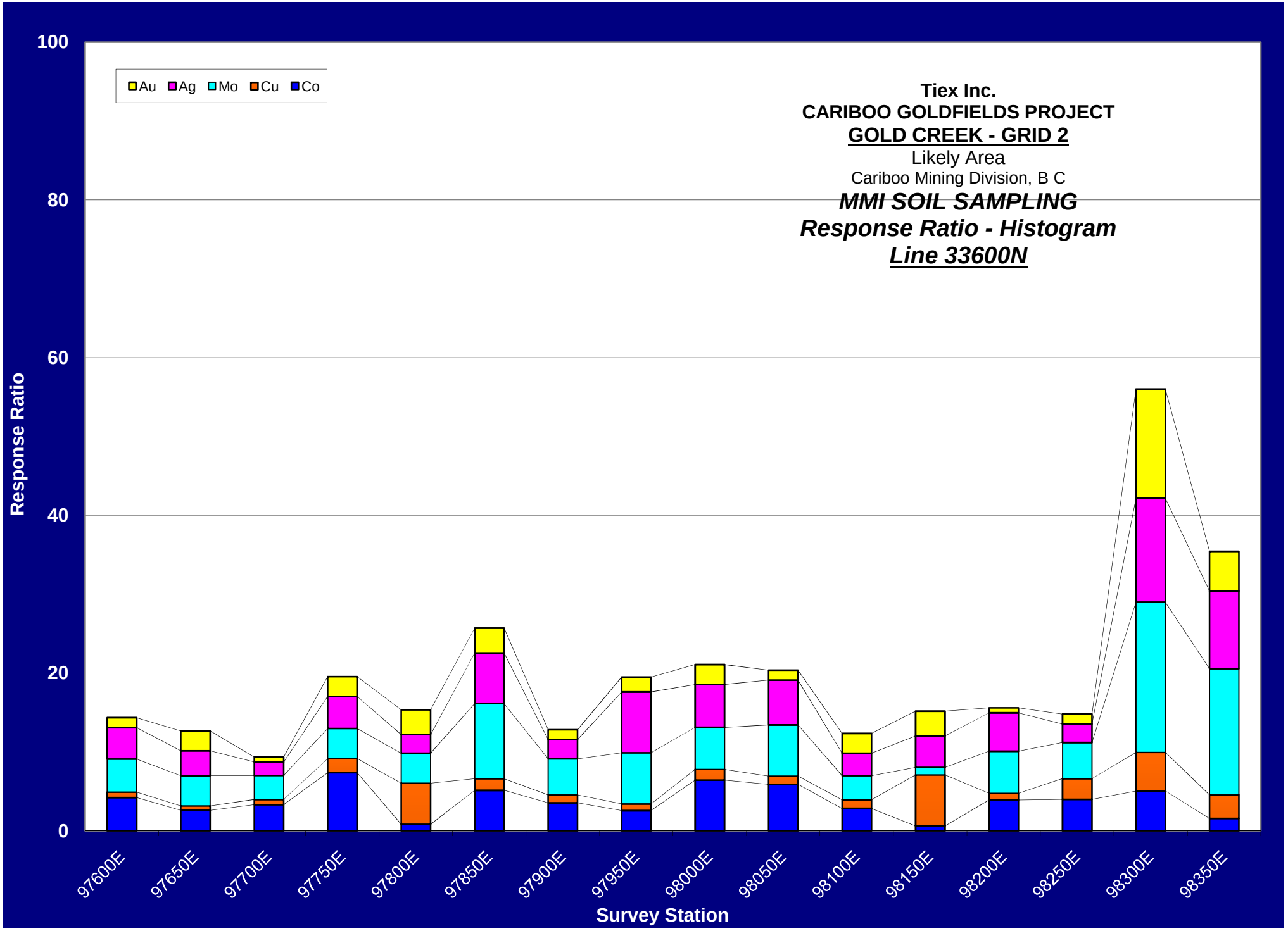

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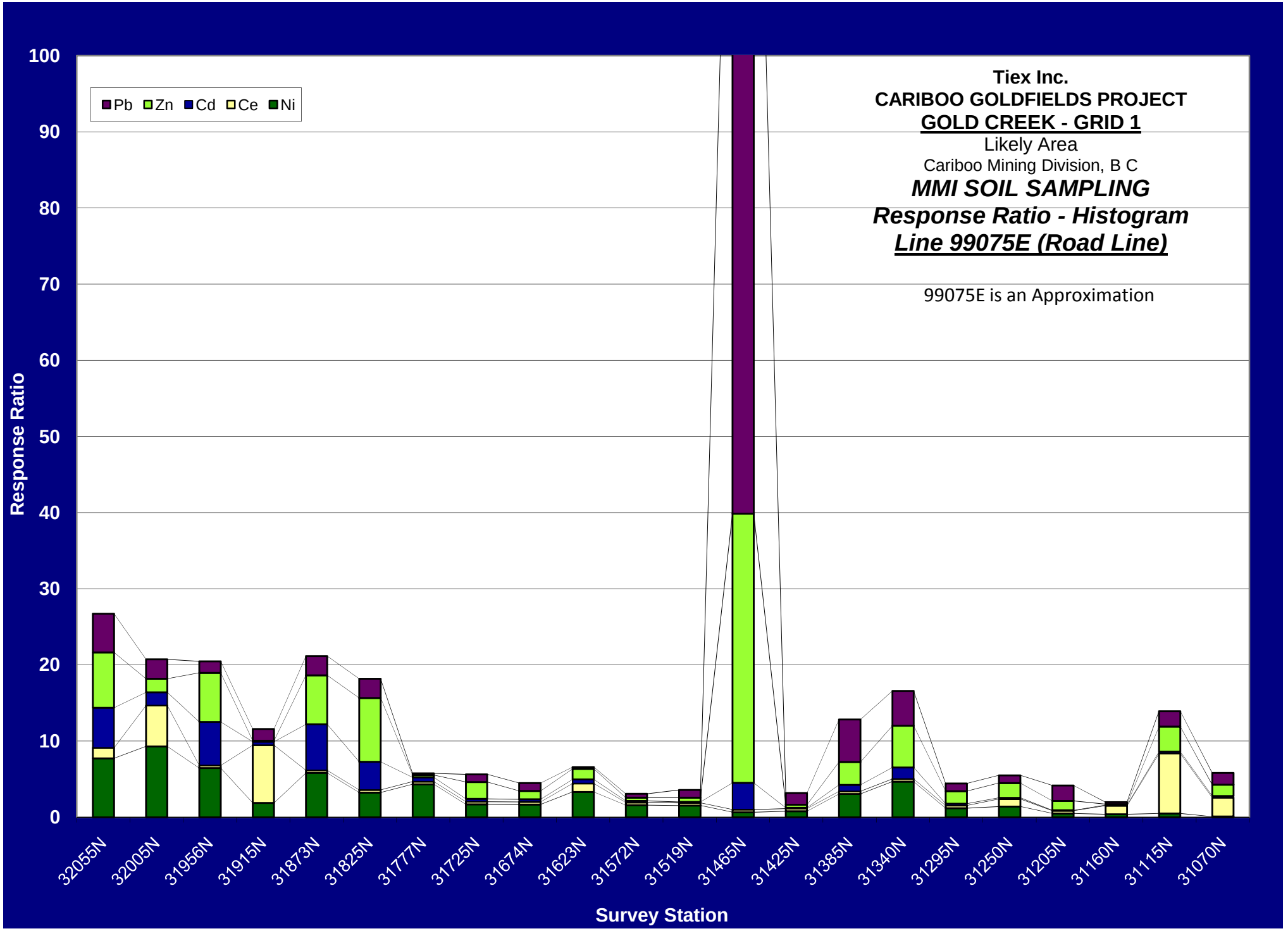

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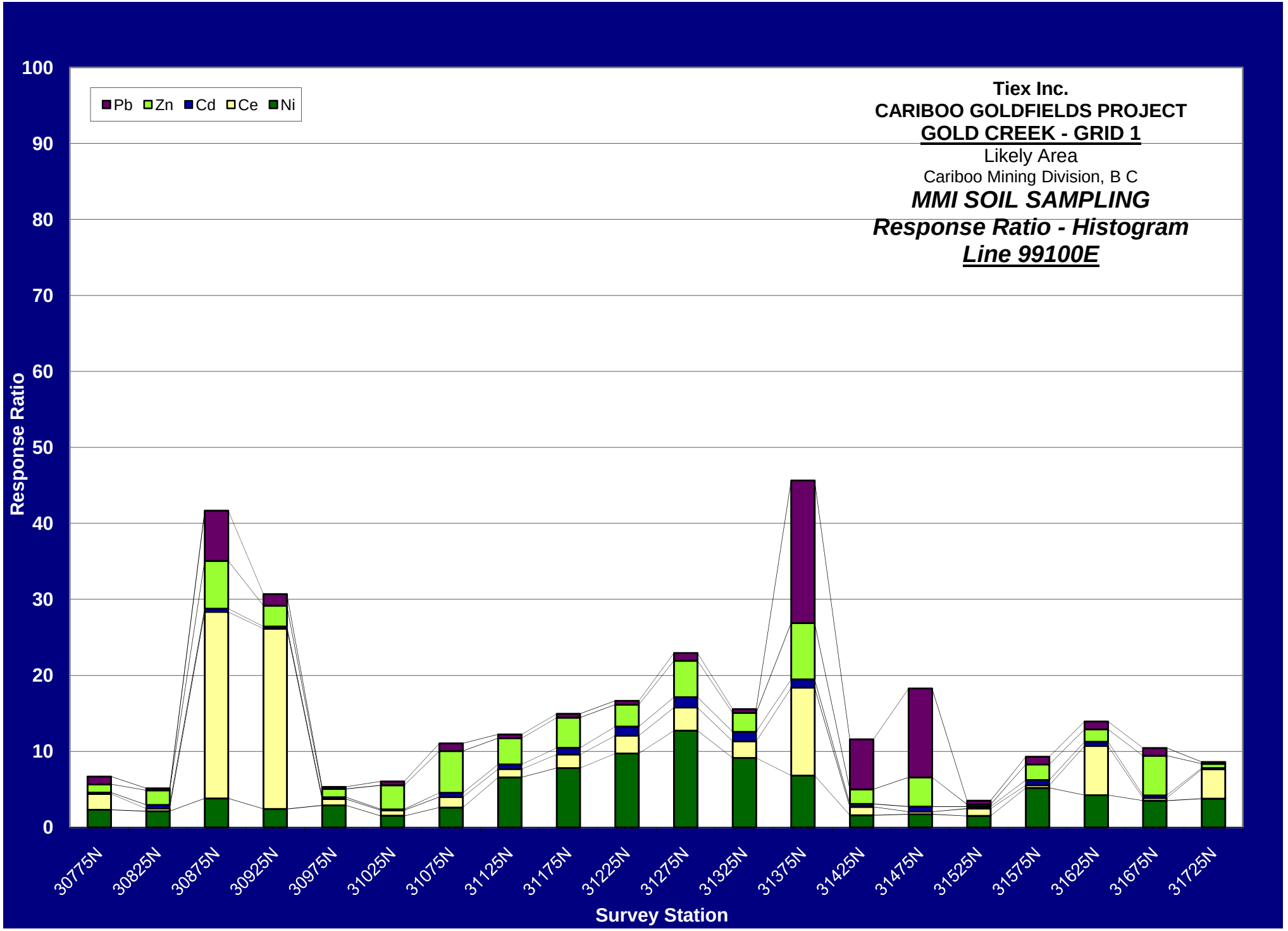

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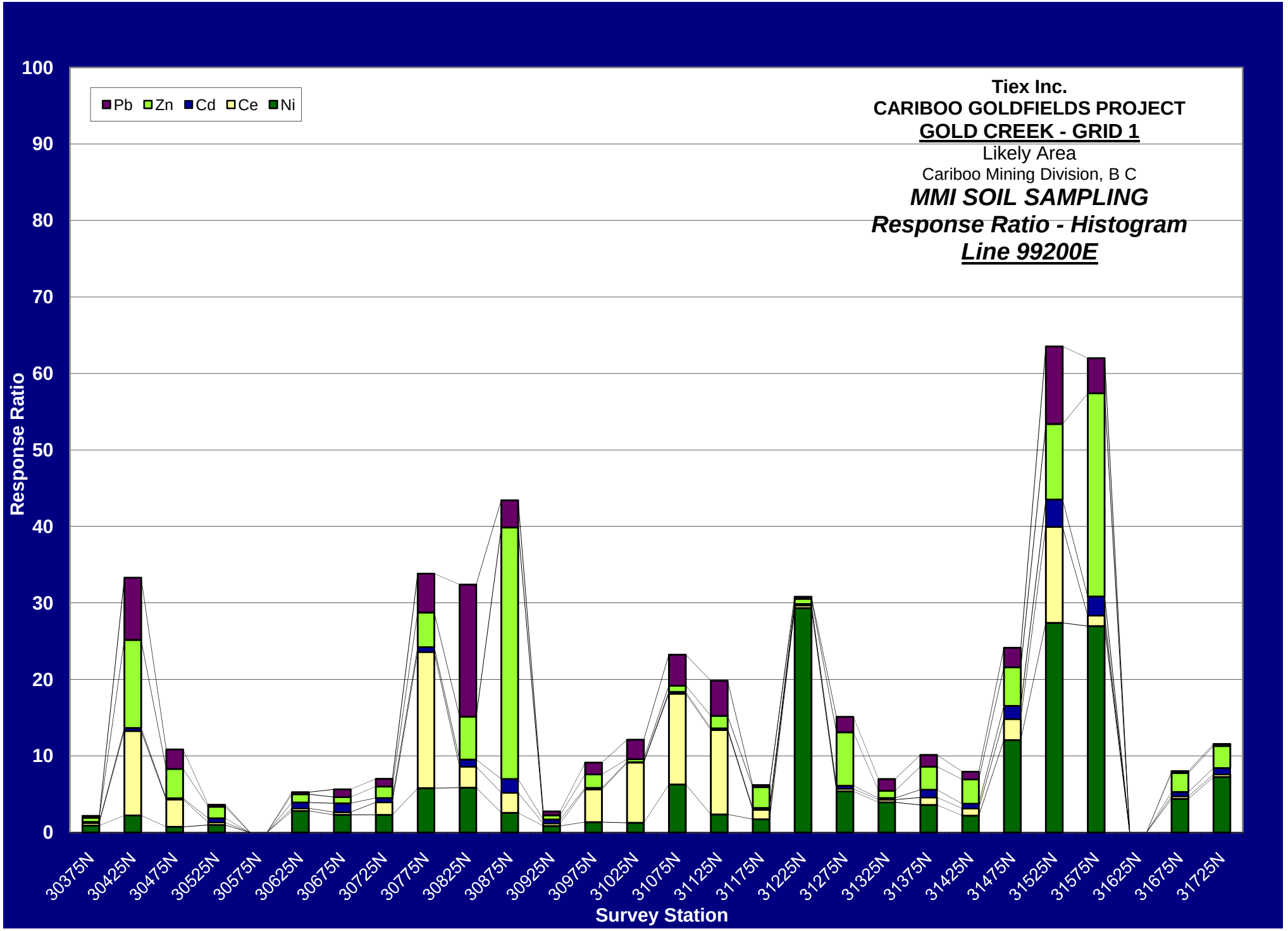

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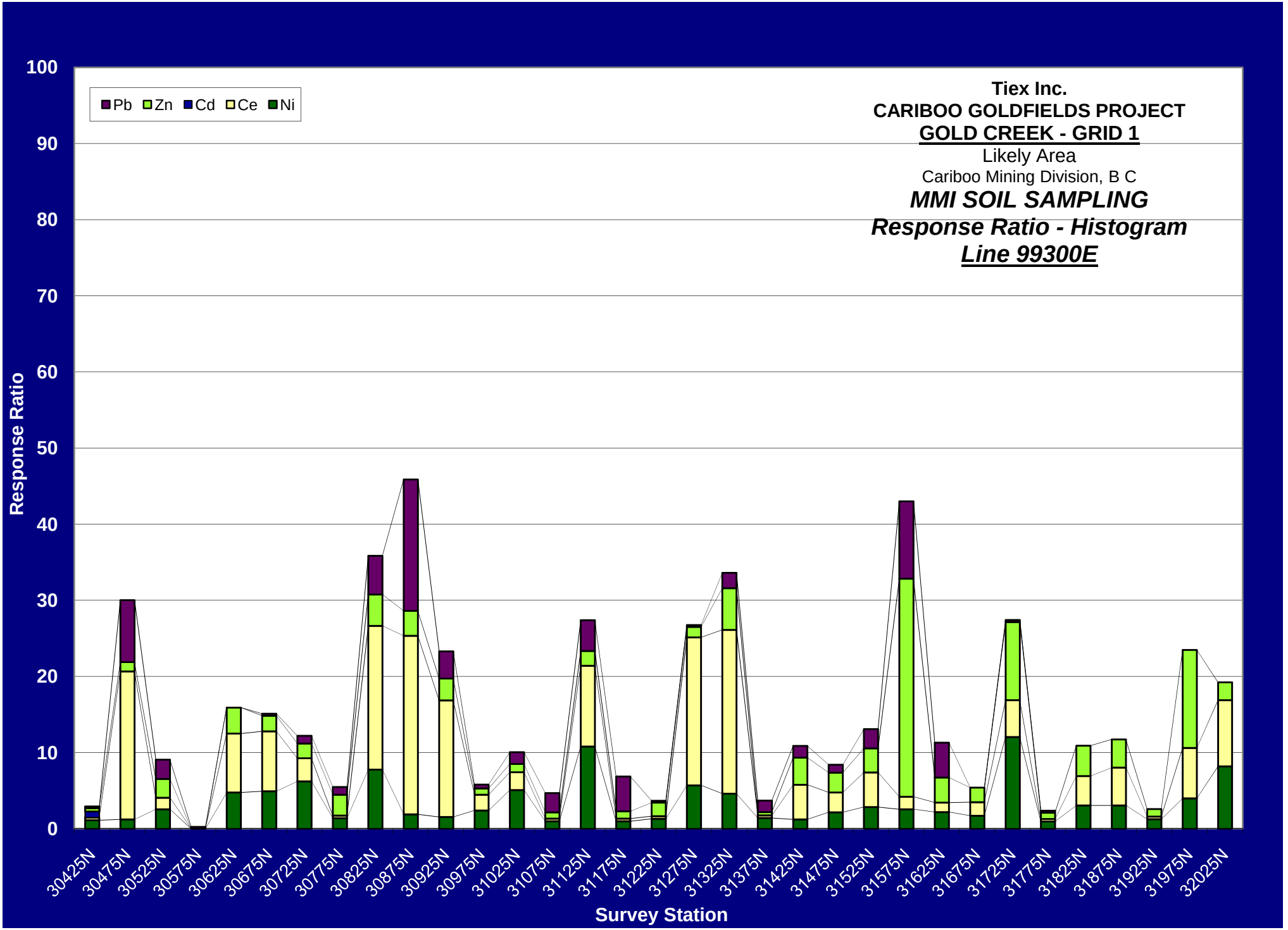

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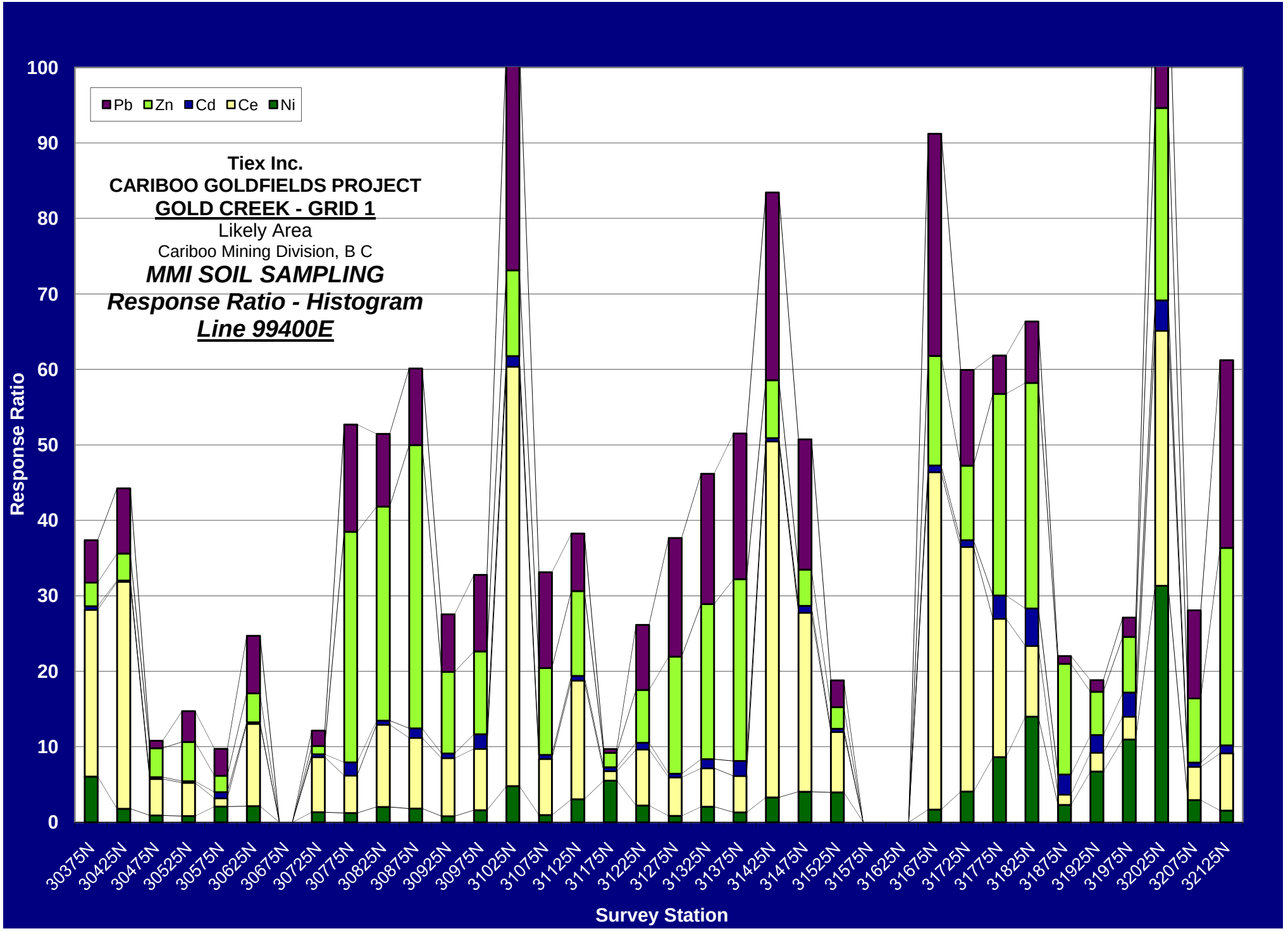

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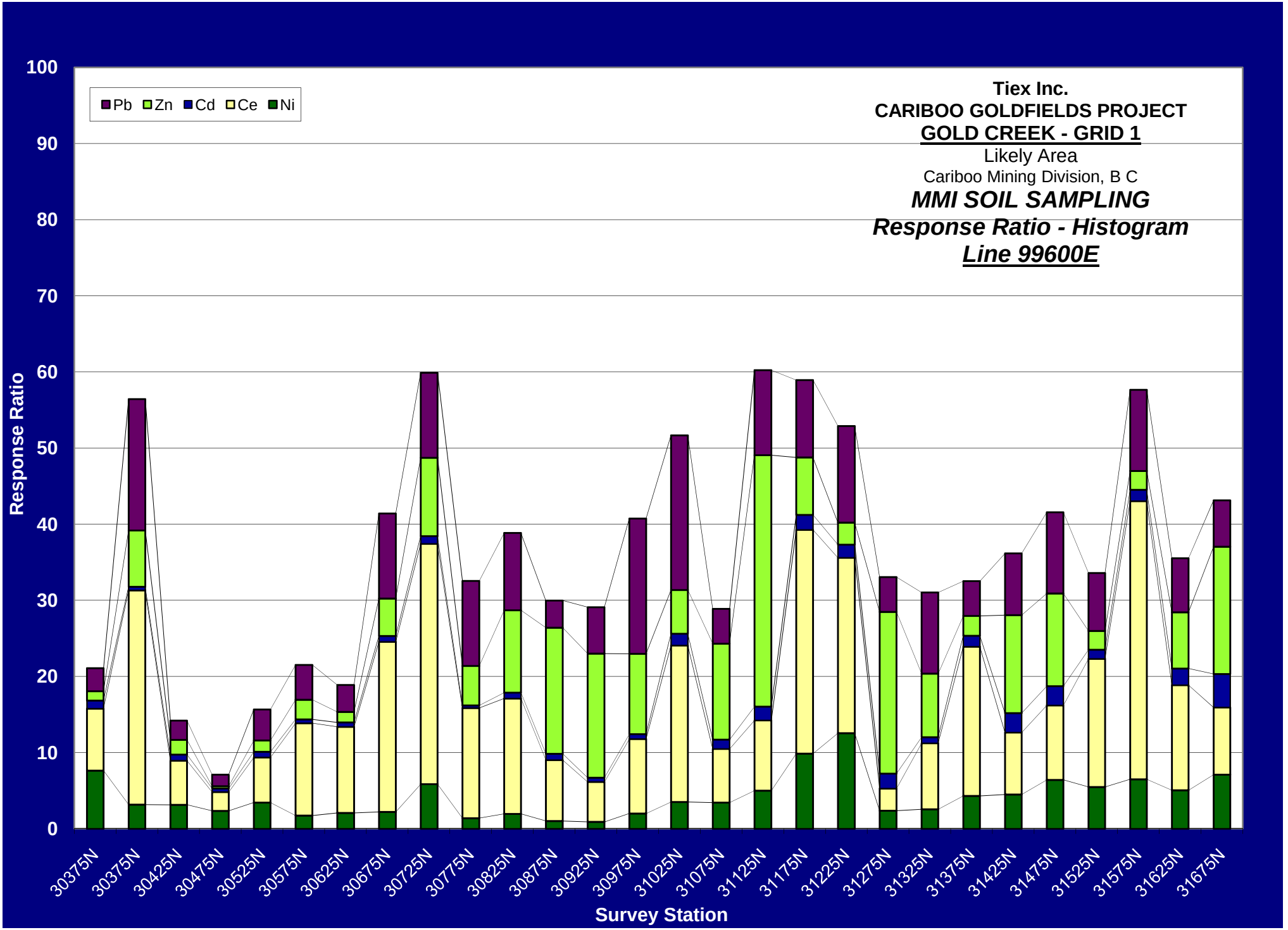
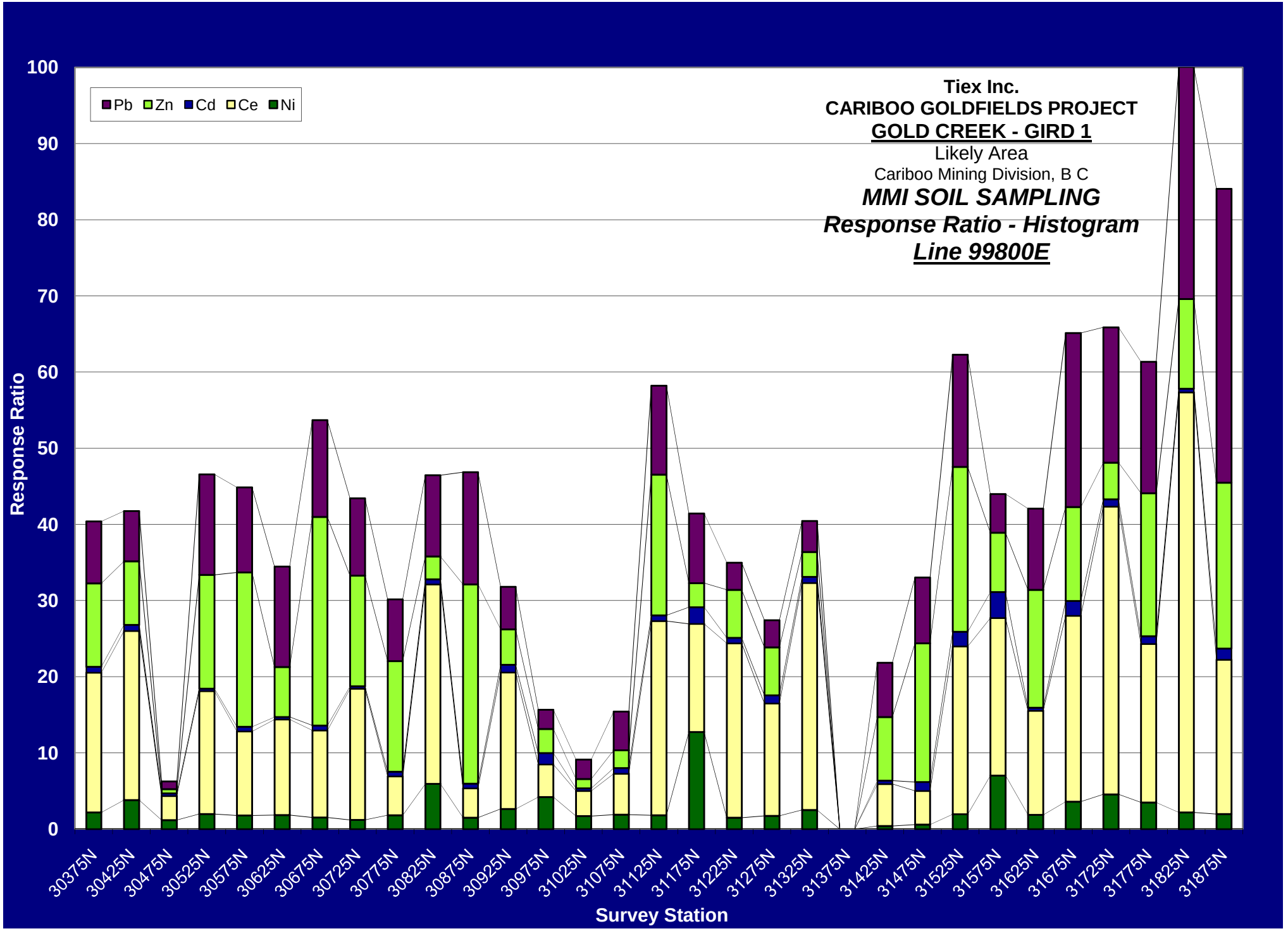


Data Reduced by : **GEOTRONICS CONSULTING INC**



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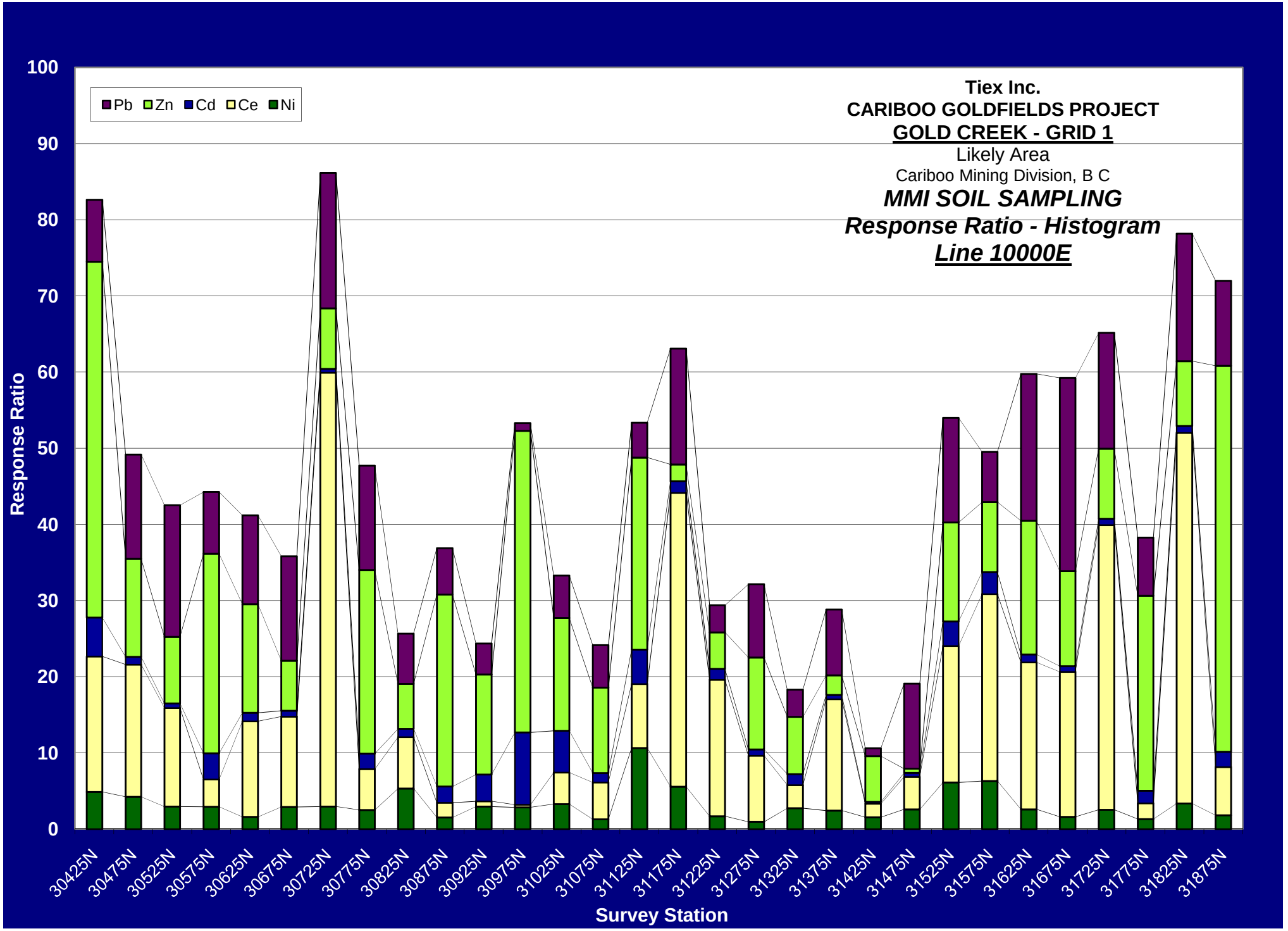

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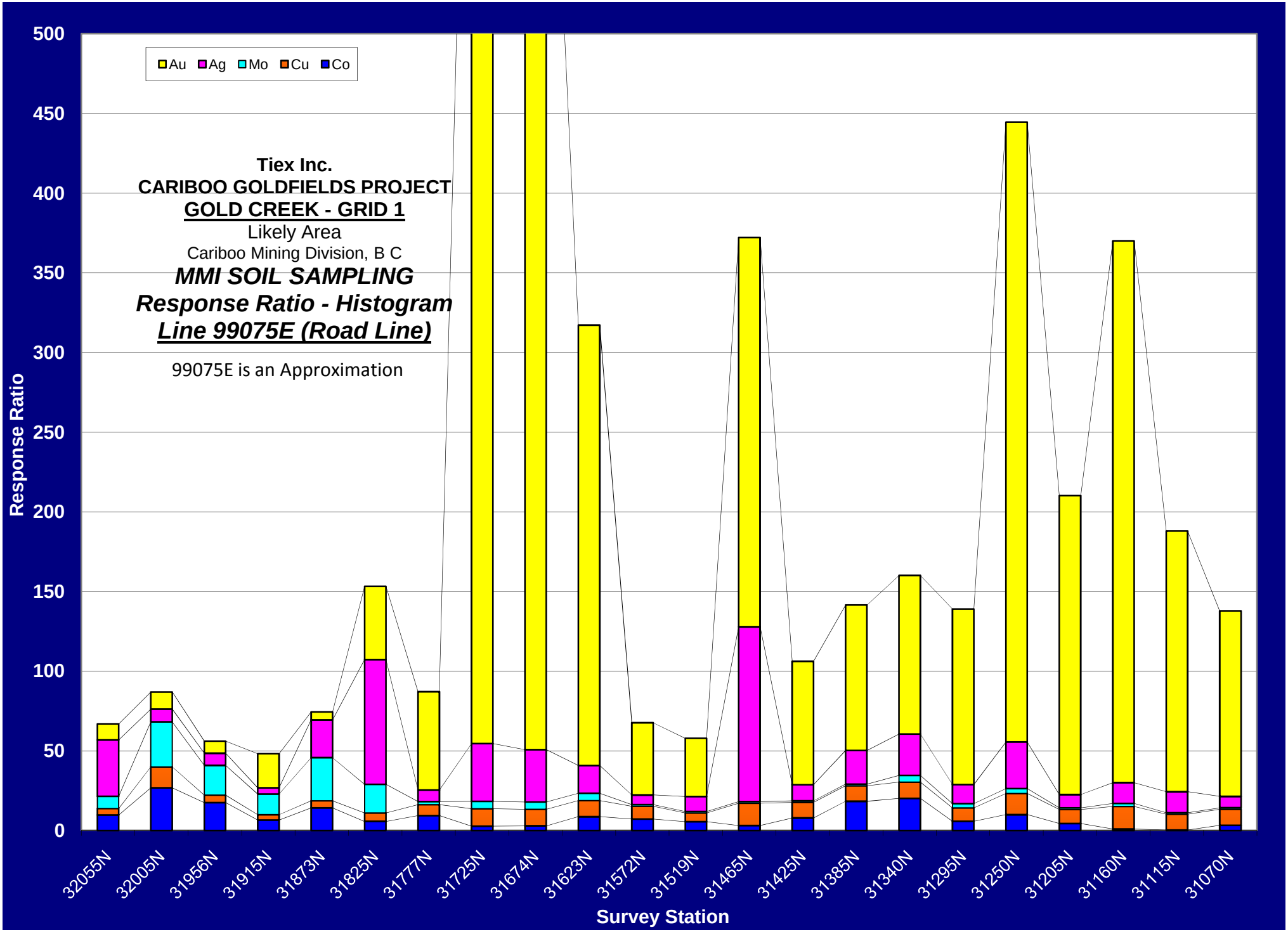

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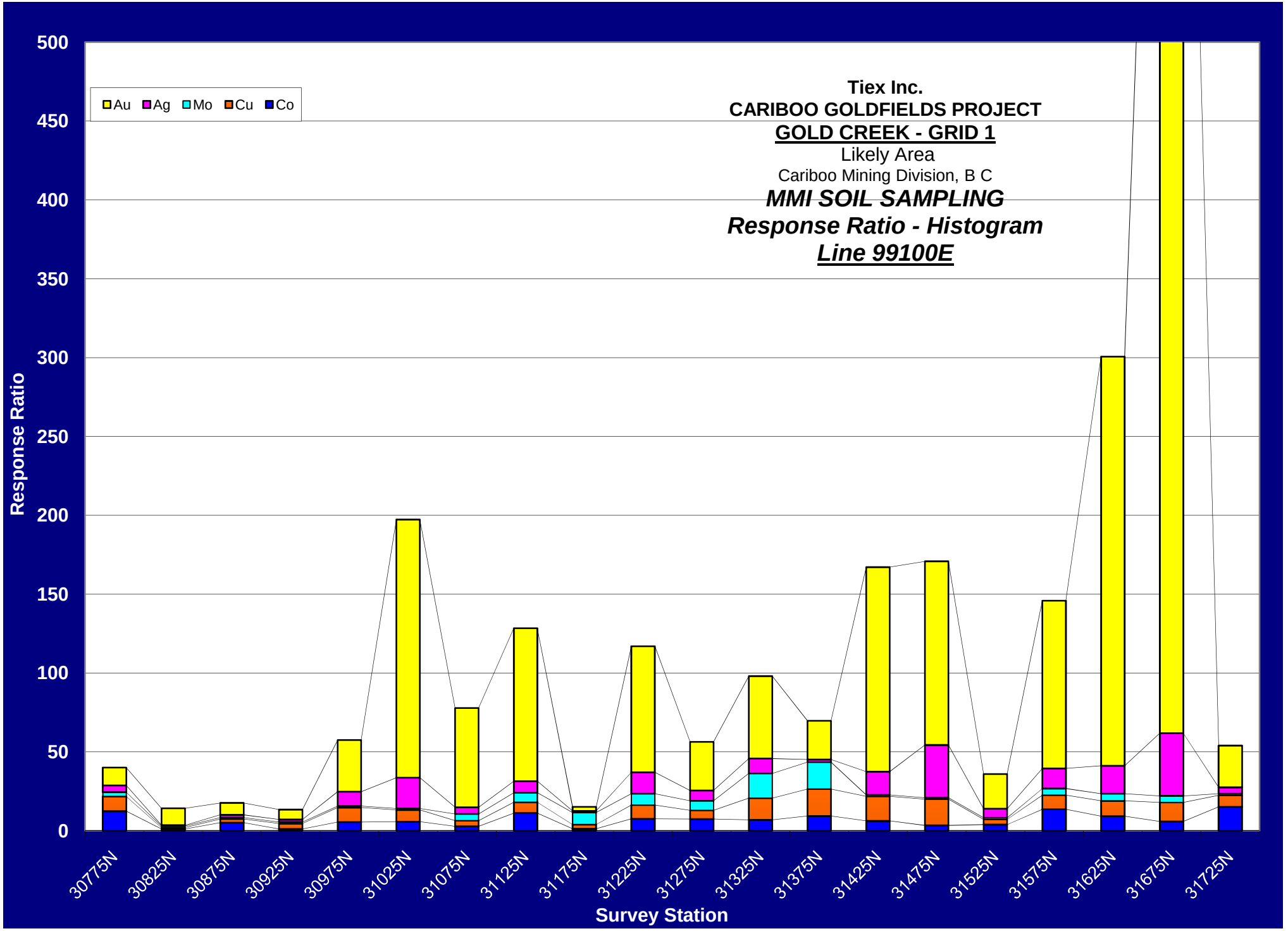

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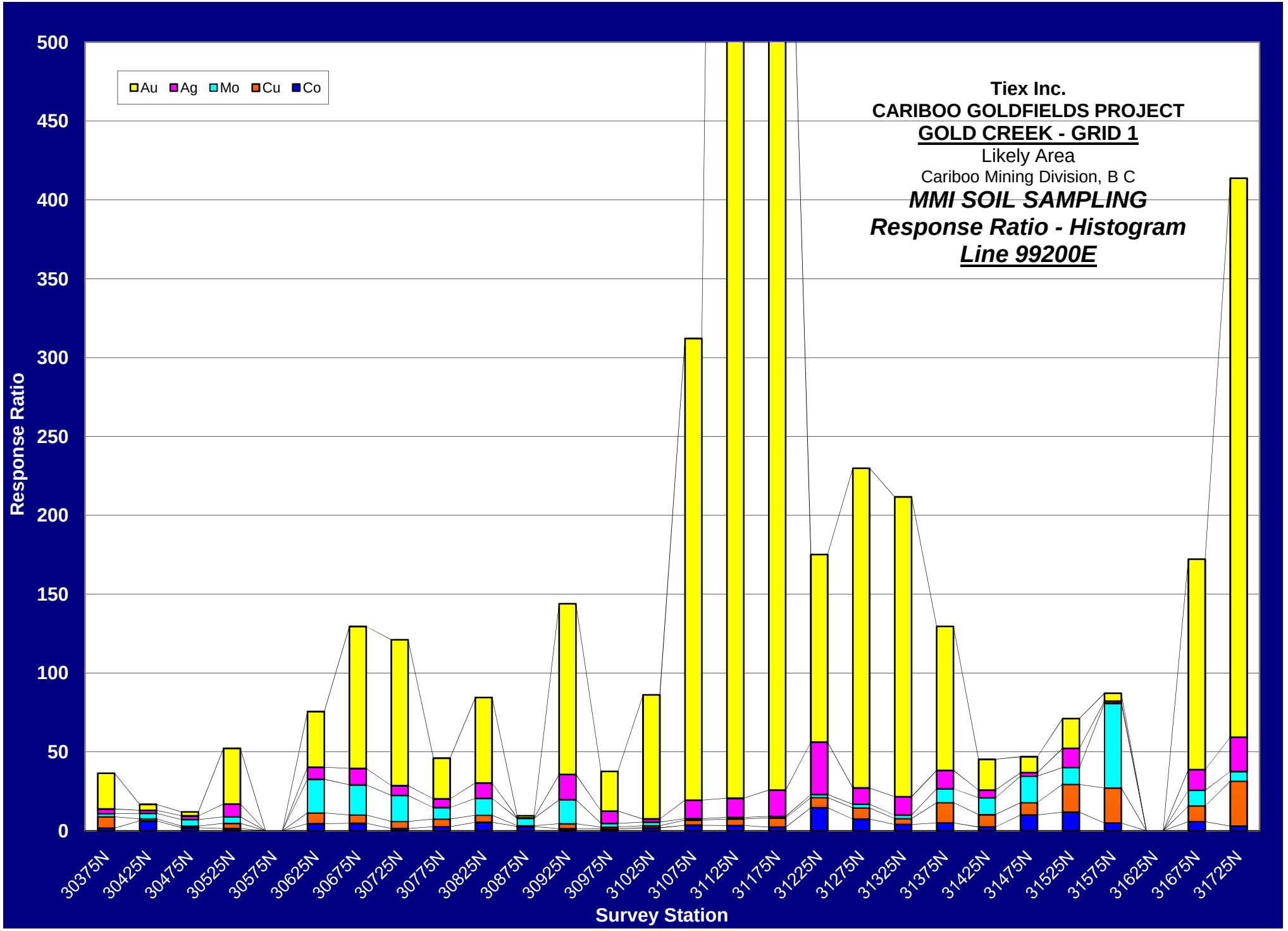

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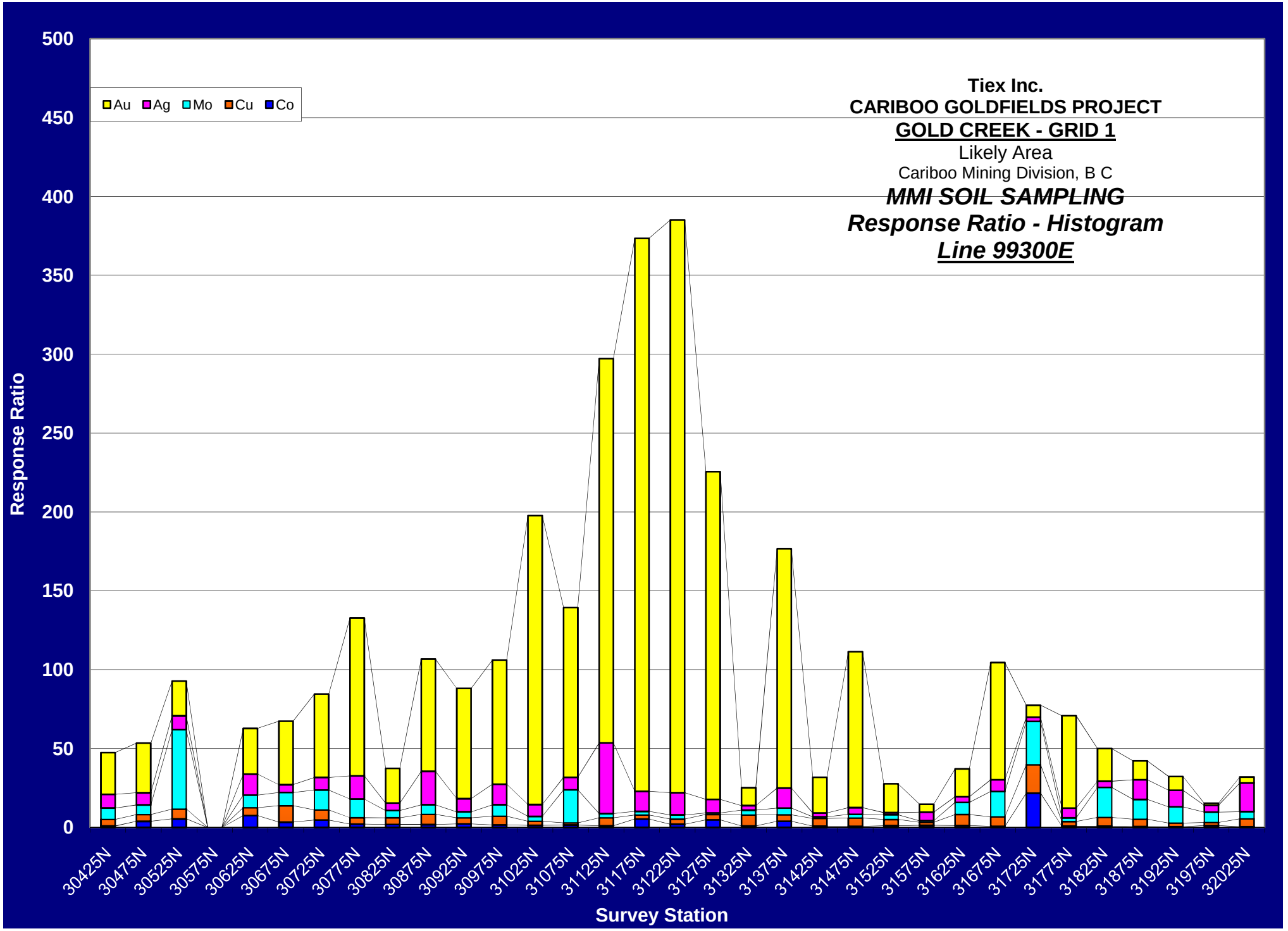

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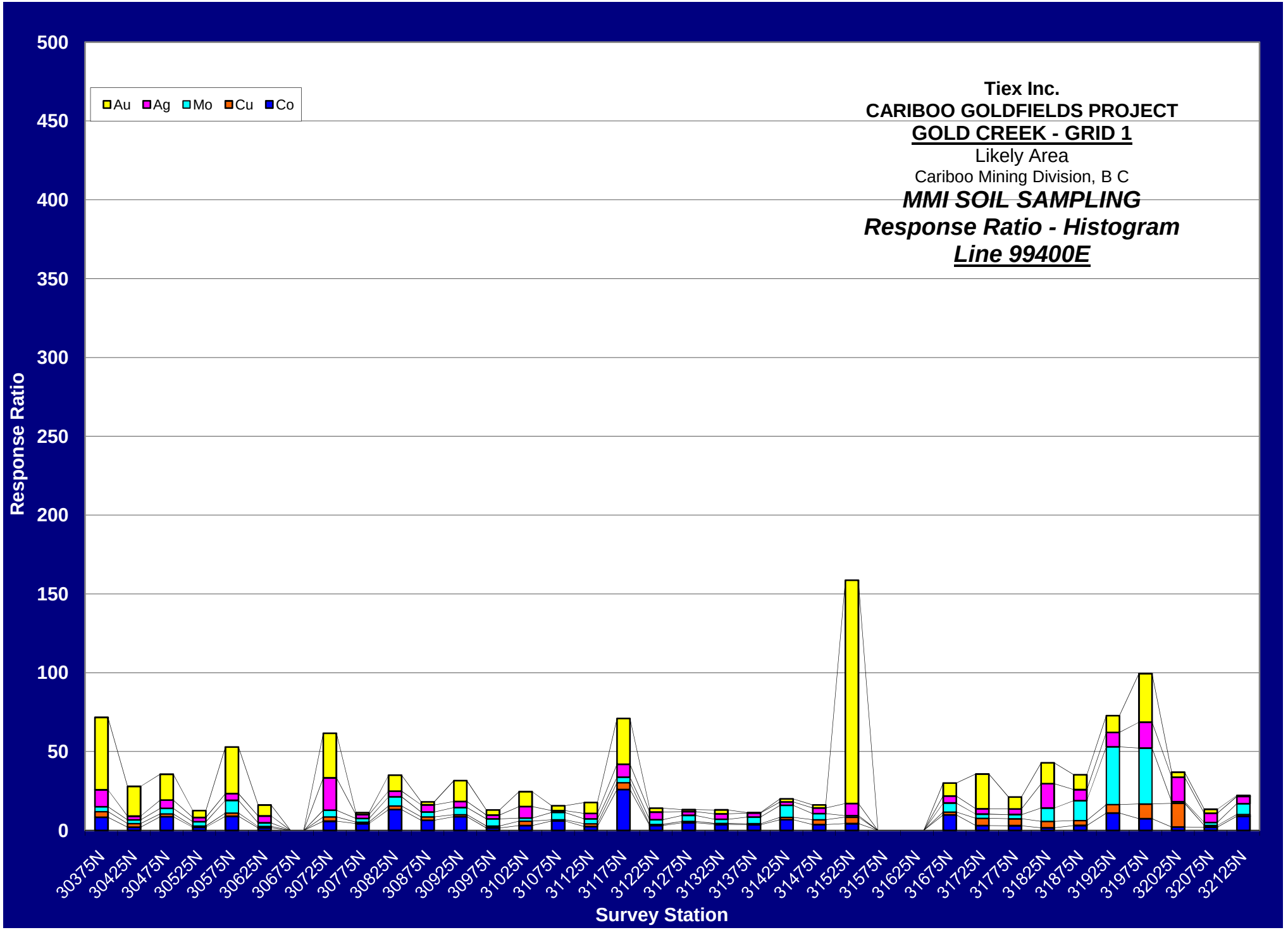

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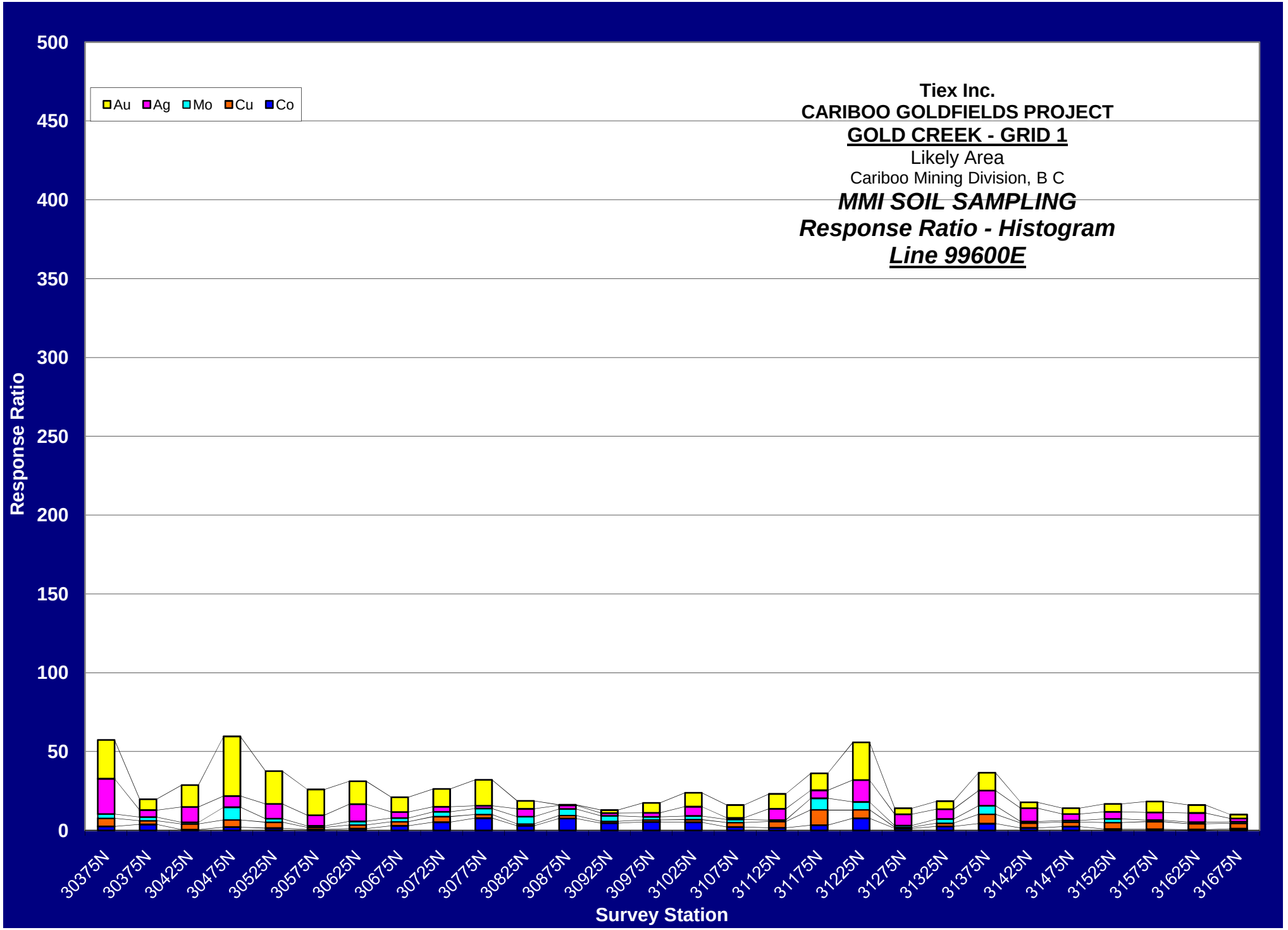

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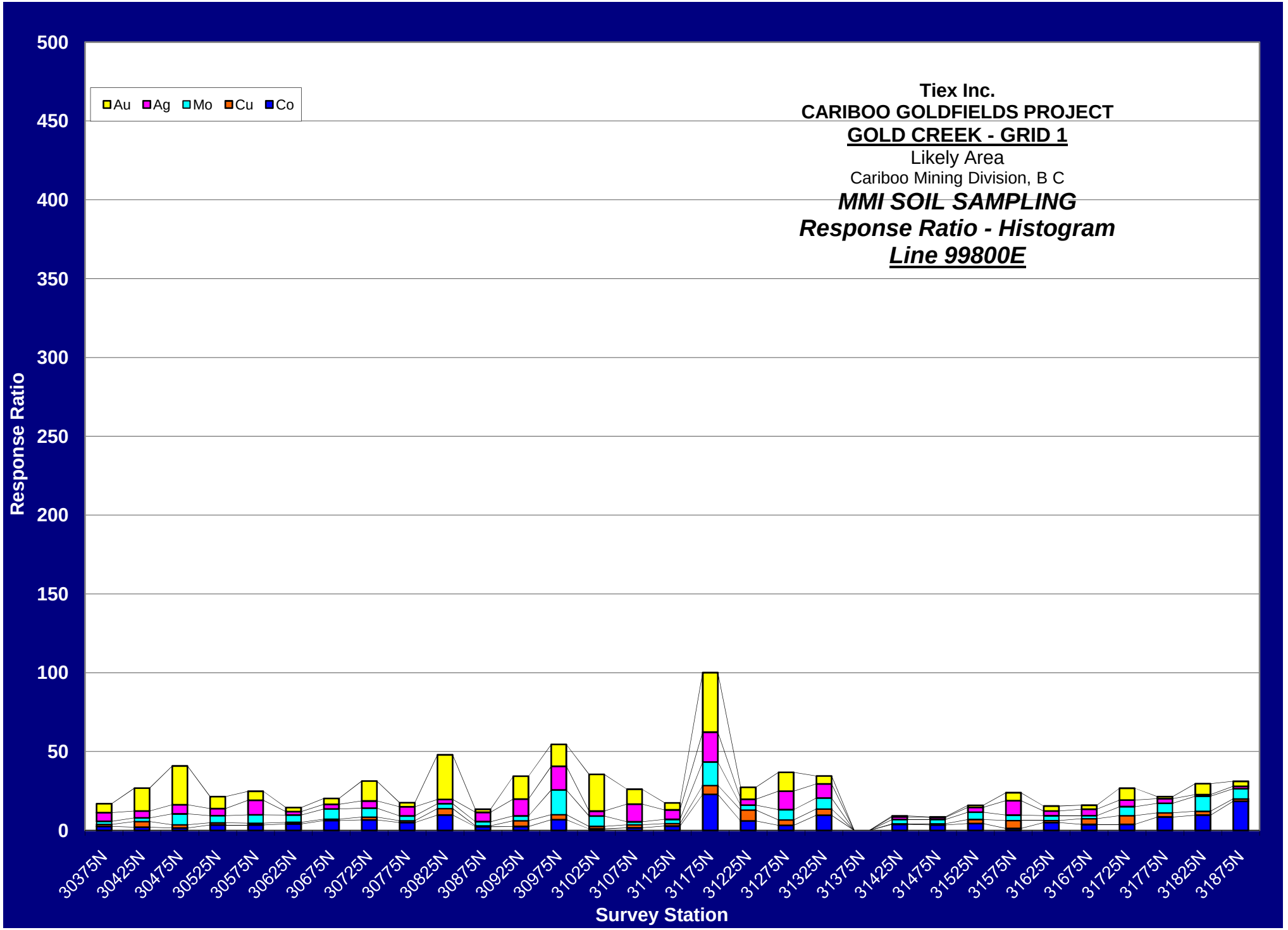

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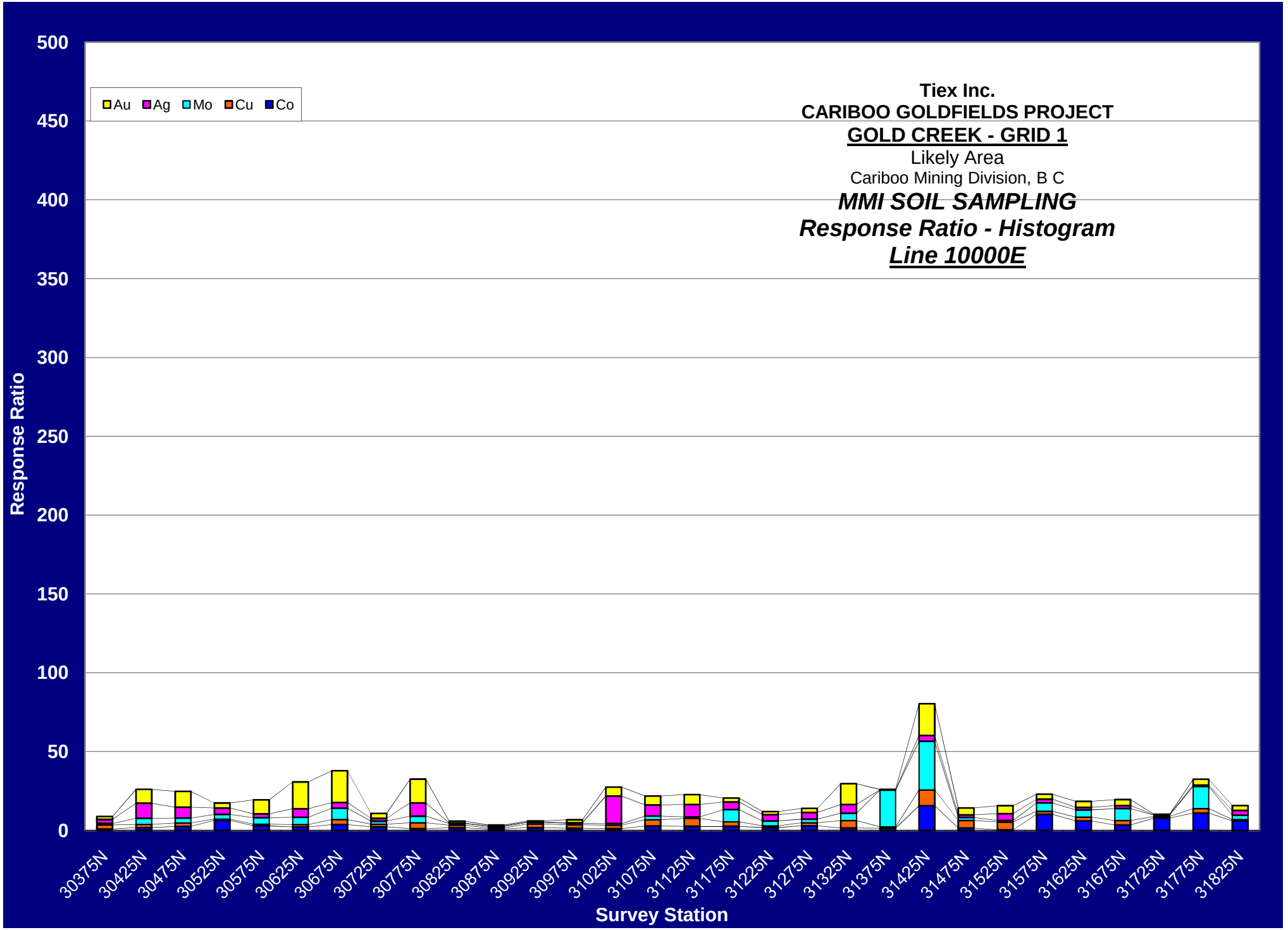

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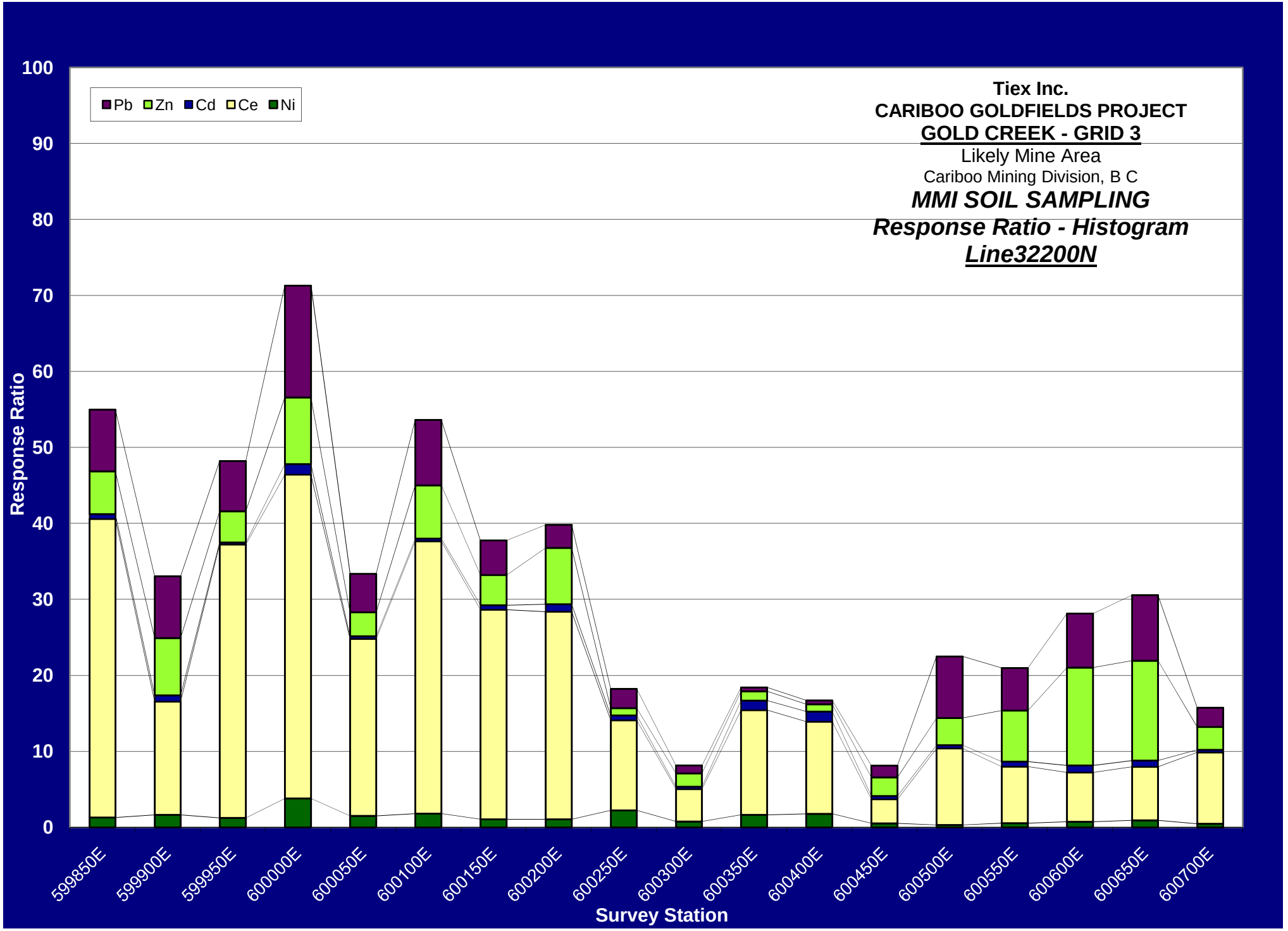

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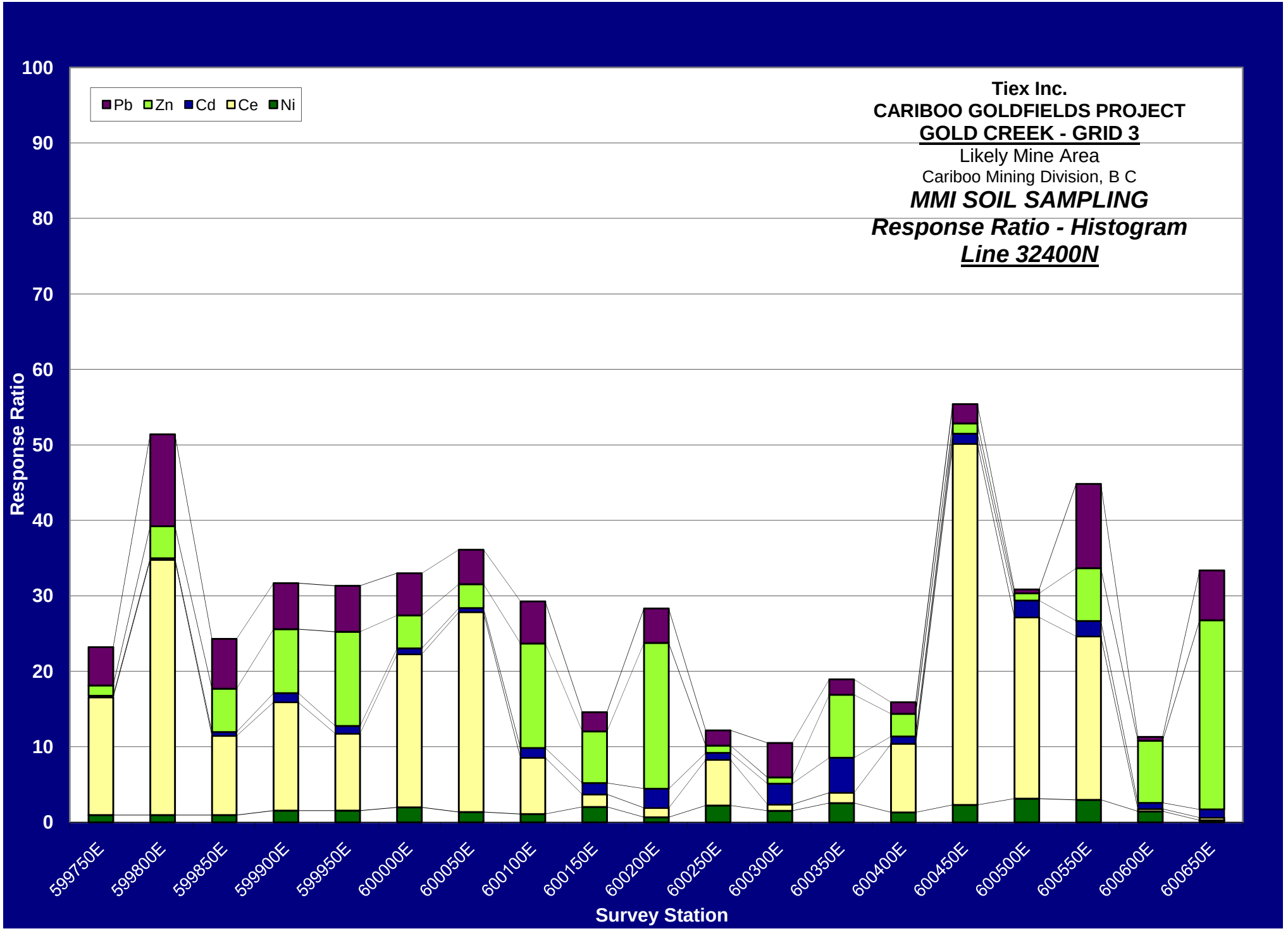

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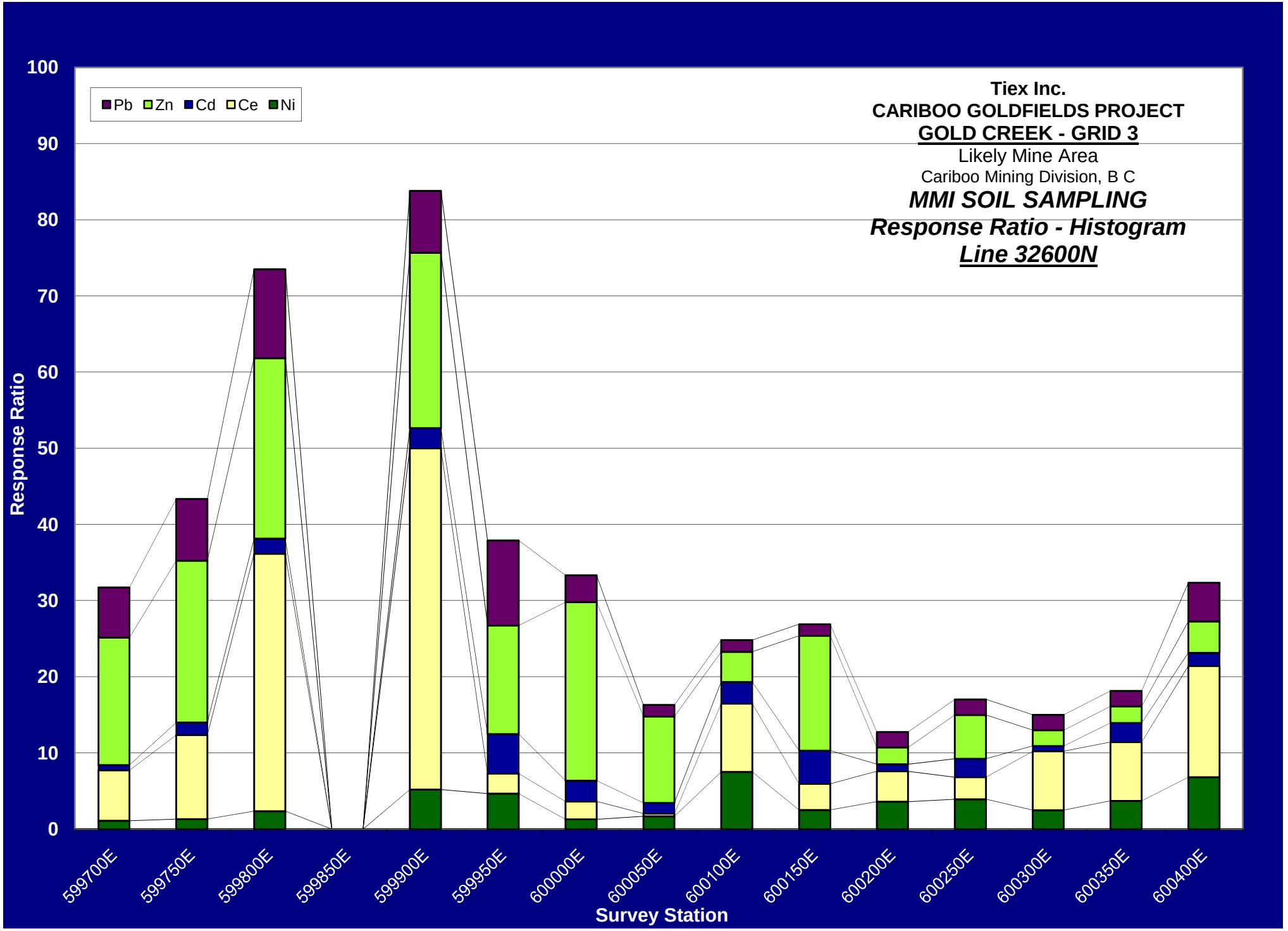

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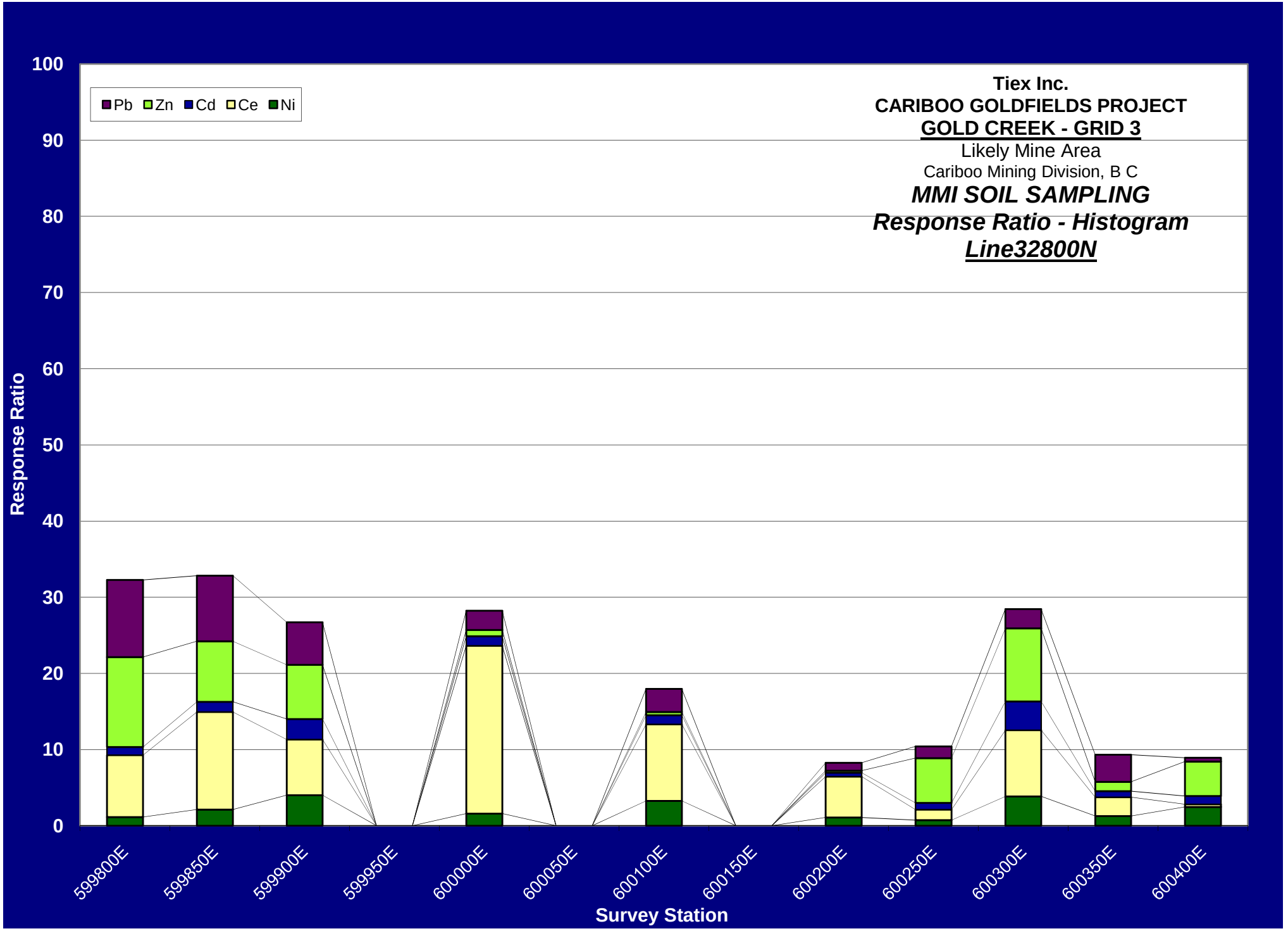

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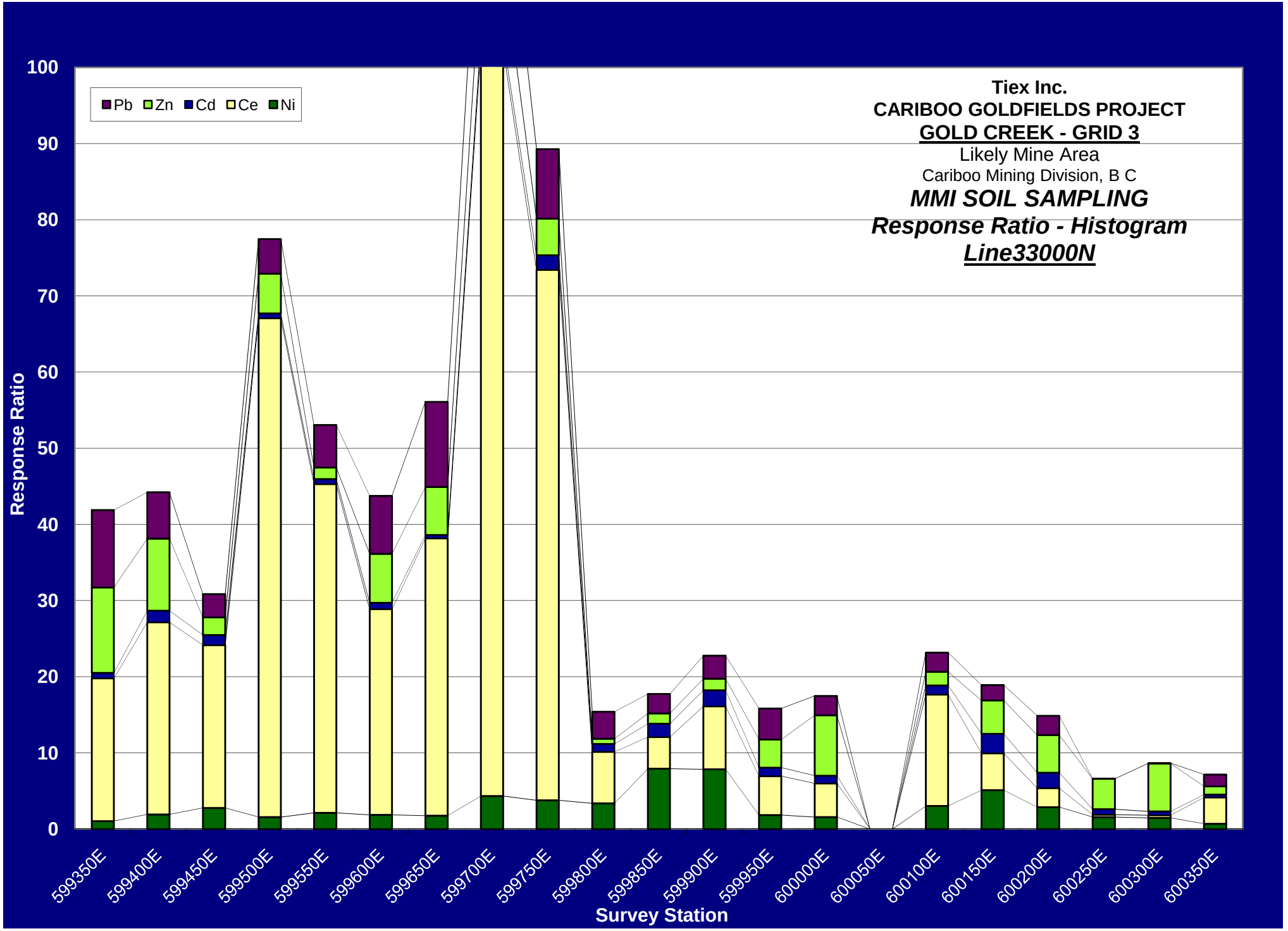

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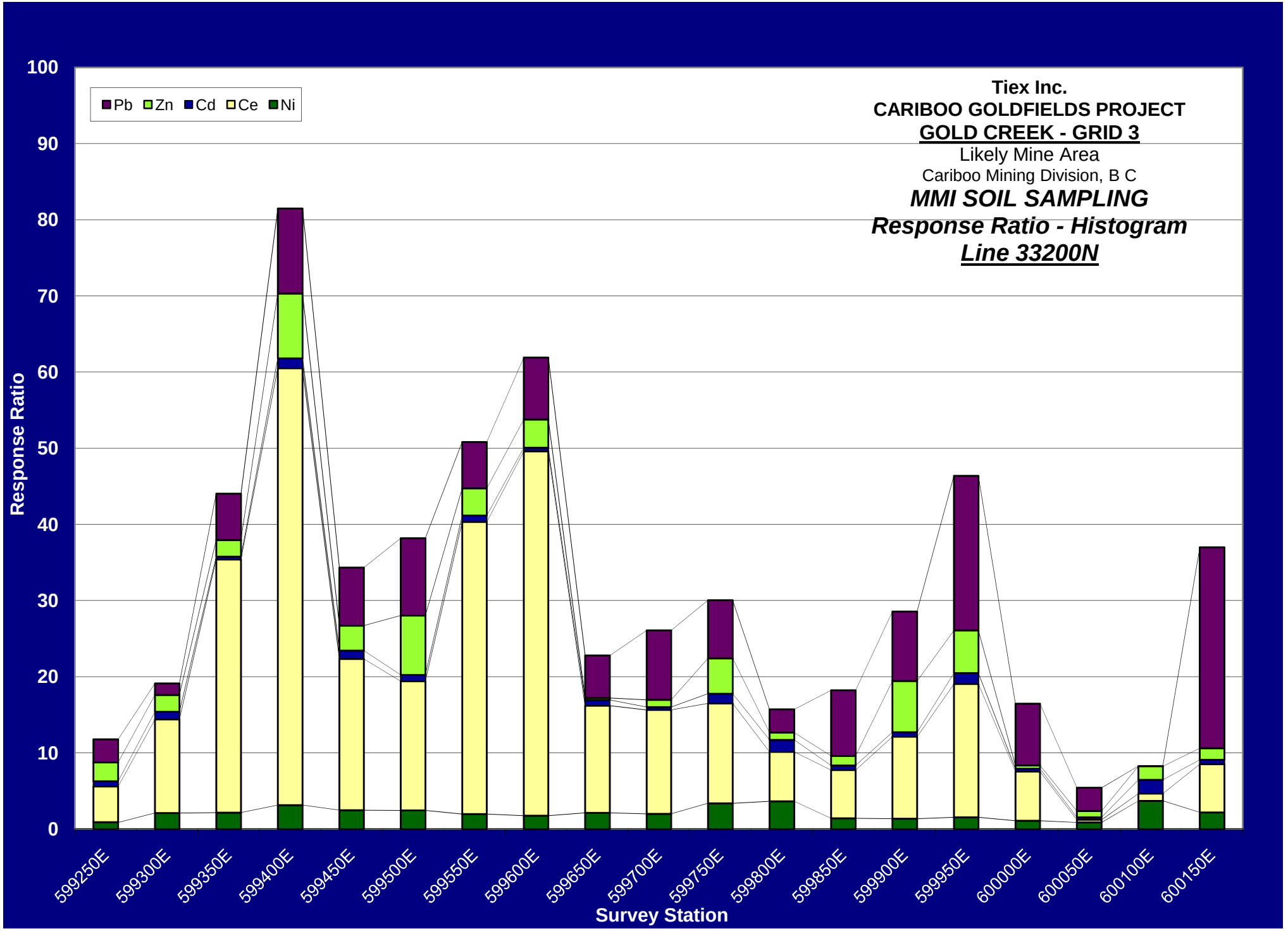

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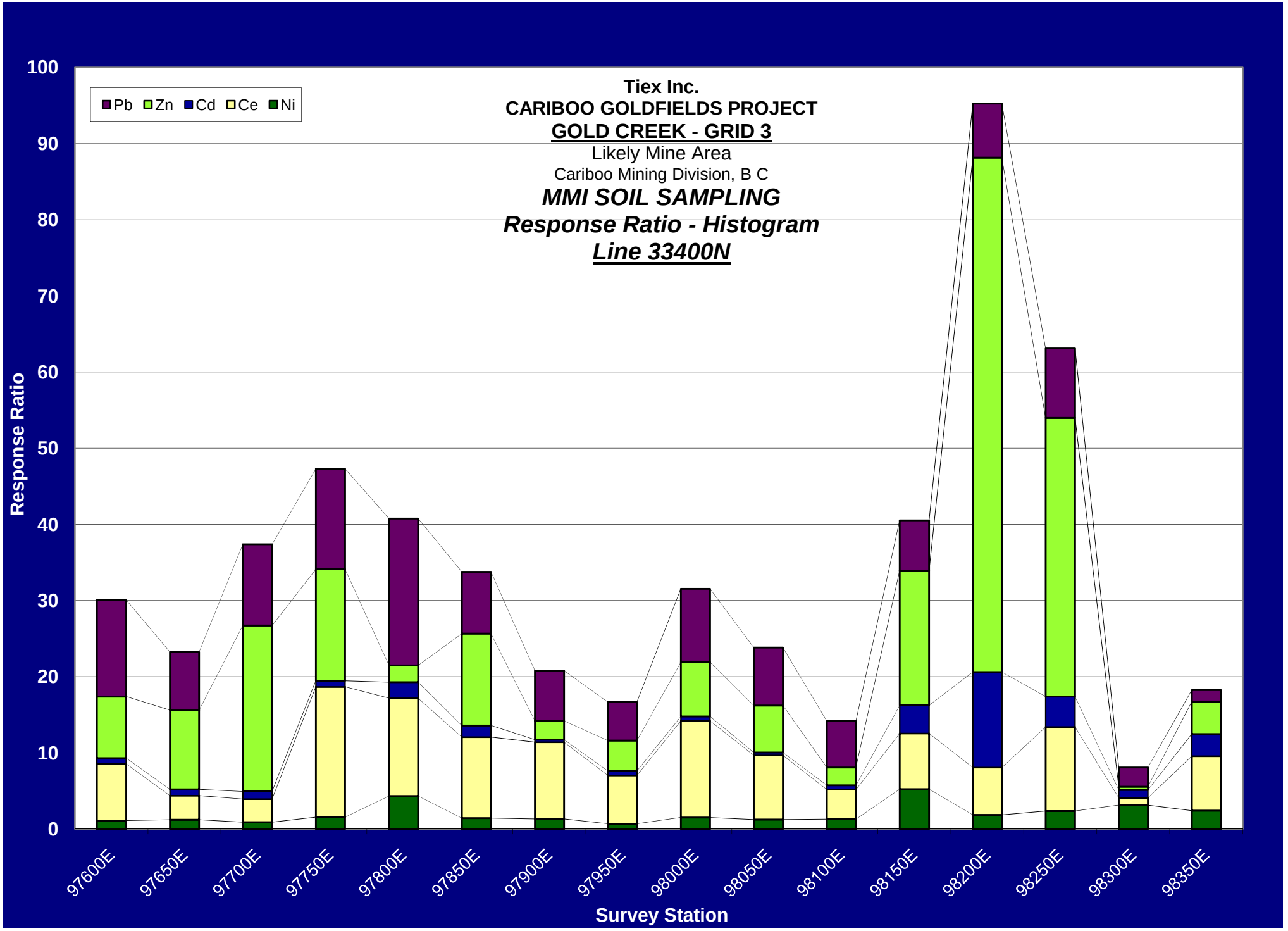

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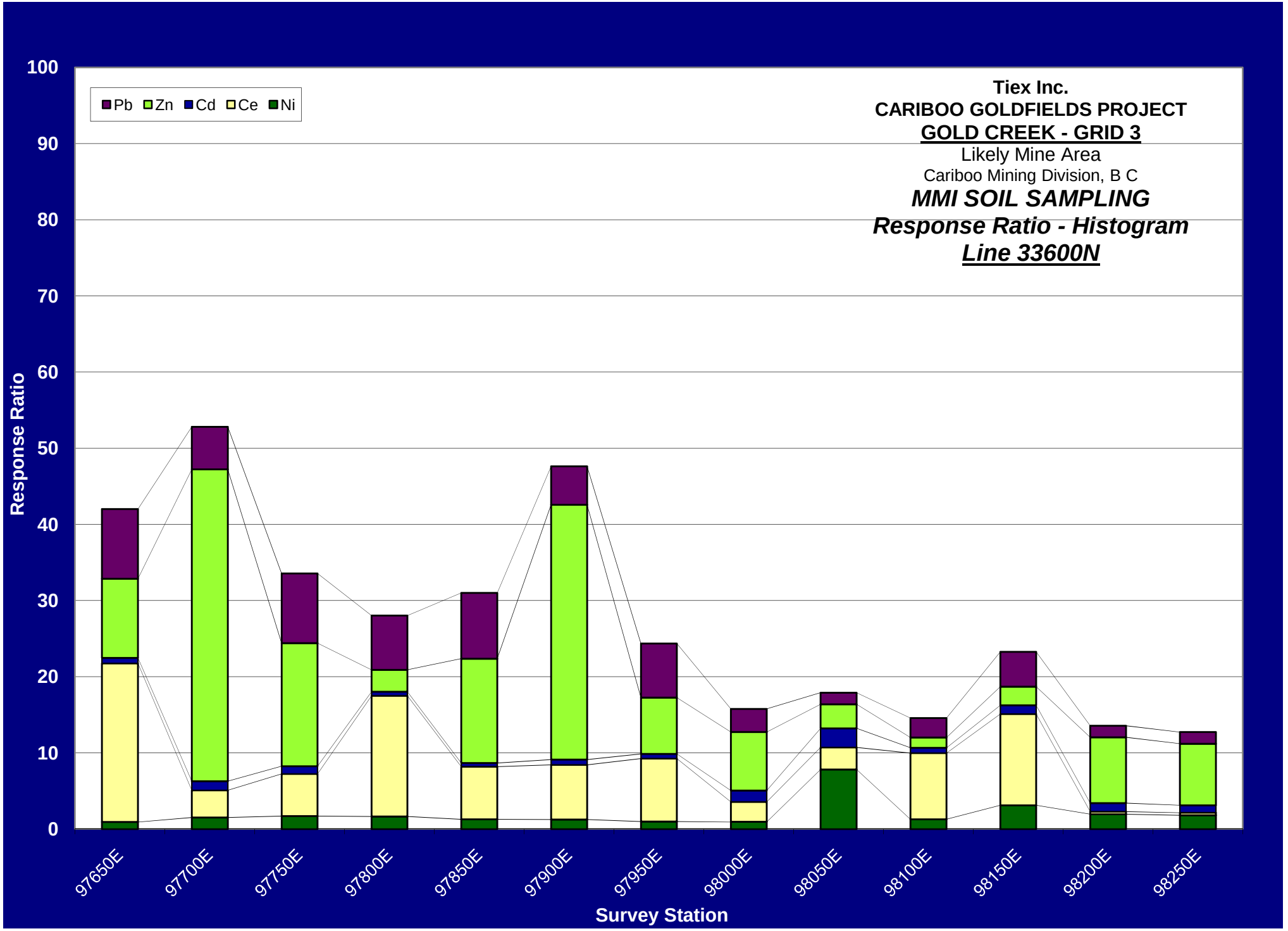


Data Reduced by : **GEOTRONICS CONSULTING INC**

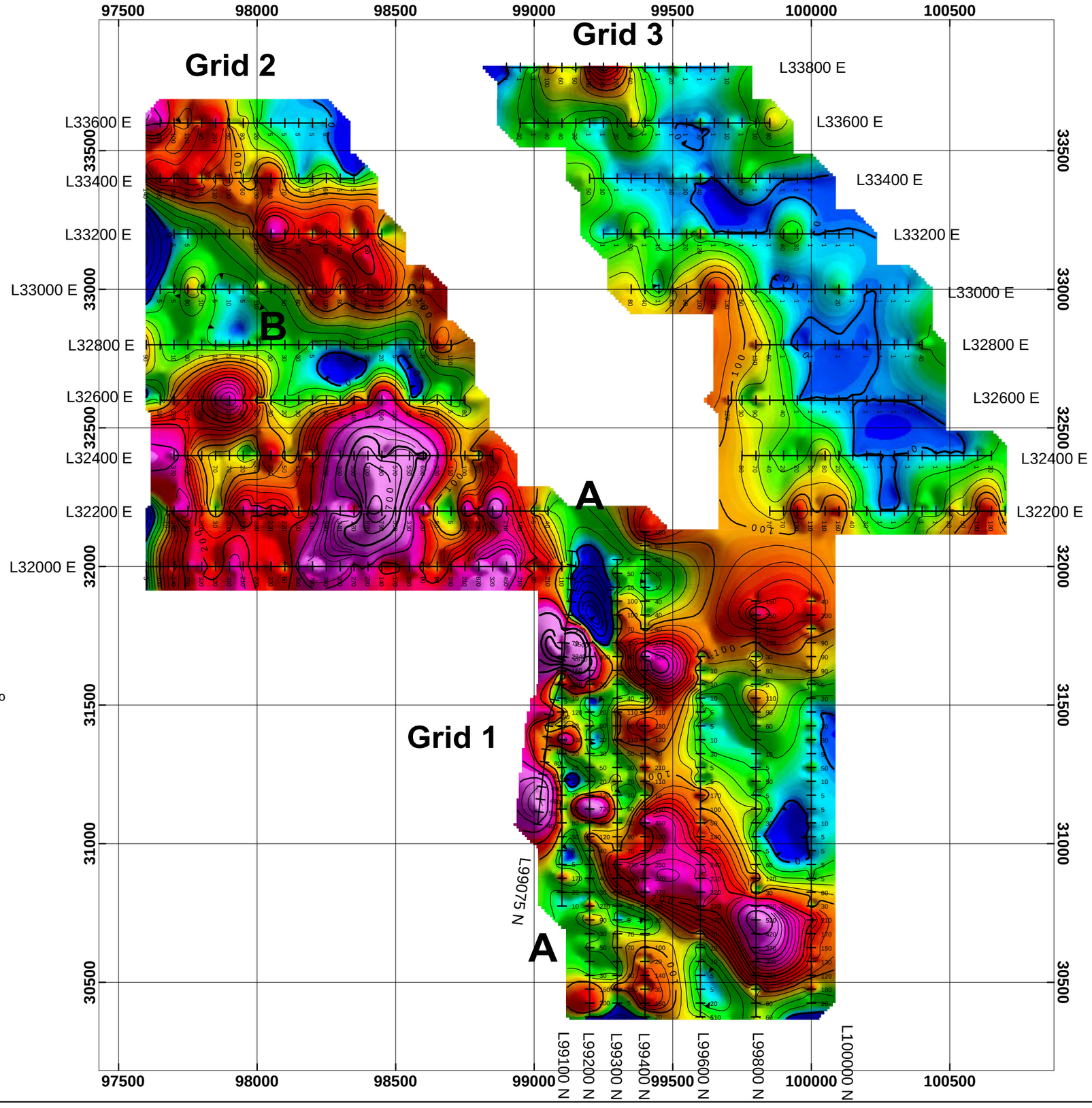
A Anomaly Label

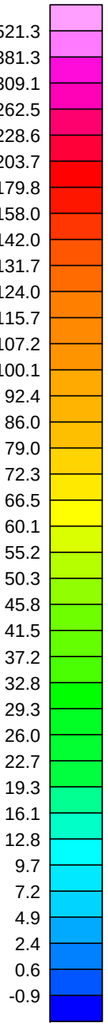
Dates Samples Picked Up:
June and July, 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

Grid Base:
UTM, NAD 83 (last 5 digits)
Zone 10U





Scale 1:16000

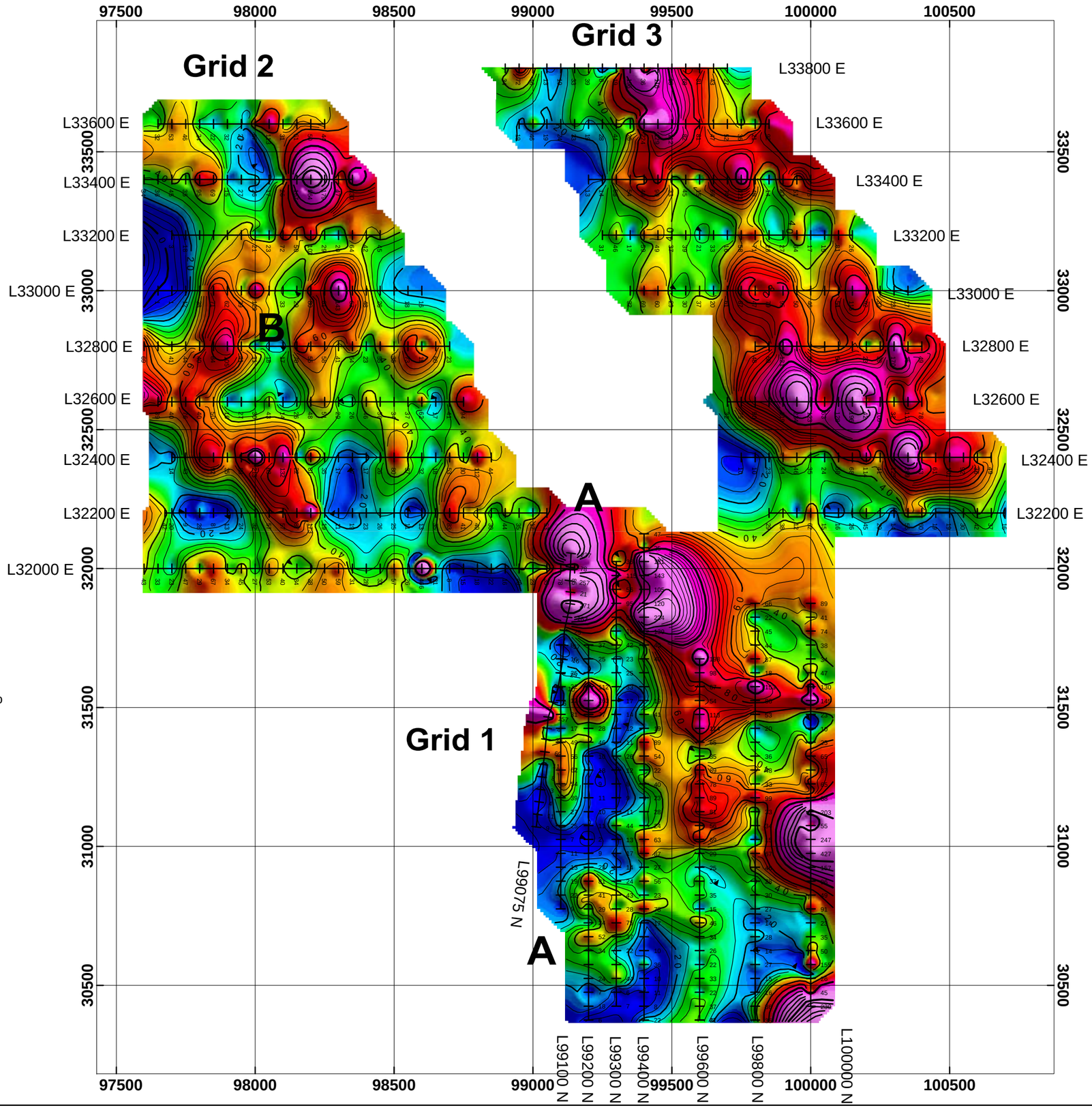
250 0 250 500

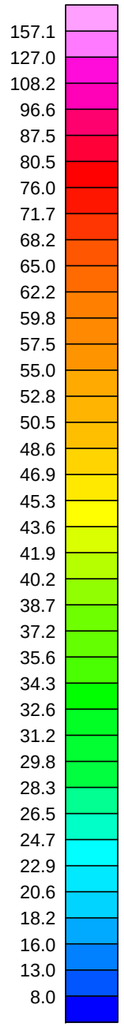
metres

GEOTRONICS CONSULTING INC.
SURREY B.C.

TIEX INC.				
CARIBOO GOLDFIELDS PROJECT GOLD CREEK PROSPECT GOLD CREEK, LIKELY AREA, CARIBOO MD, BC				
MMI GEOCHEMISTRY SURVEY *CONTOUR PLAN* ***ARSENIC (ppb)***				
DRAWN BY: DGM	JOB NO.: 08-07	NTS: 93A/12	DATE: May 09	FIG. NO.: GC-1

A Anomaly Label





Dates Samples Picked Up:
June and July, 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

Grid Base:
UTM, NAD 83 (last 5 digits)
Zone 10U

Scale 1:16000

250 0 250 500

metres

GEOTRONICS CONSULTING INC.
SURREY B.C.

TIEX INC.				
CARIBOO GOLDFIELDS PROJECT GOLD CREEK PROSPECT GOLD CREEK, LIKELY AREA, CARIBOO MD, BC				
MMI GEOCHEMISTRY SURVEY CONTOUR PLAN CADMIUM (ppb)				
DRAWN BY: DGM	JOB NO.: 08-07	NTS: 93A/12	DATE: May 09	FIG. NO.: GC-2

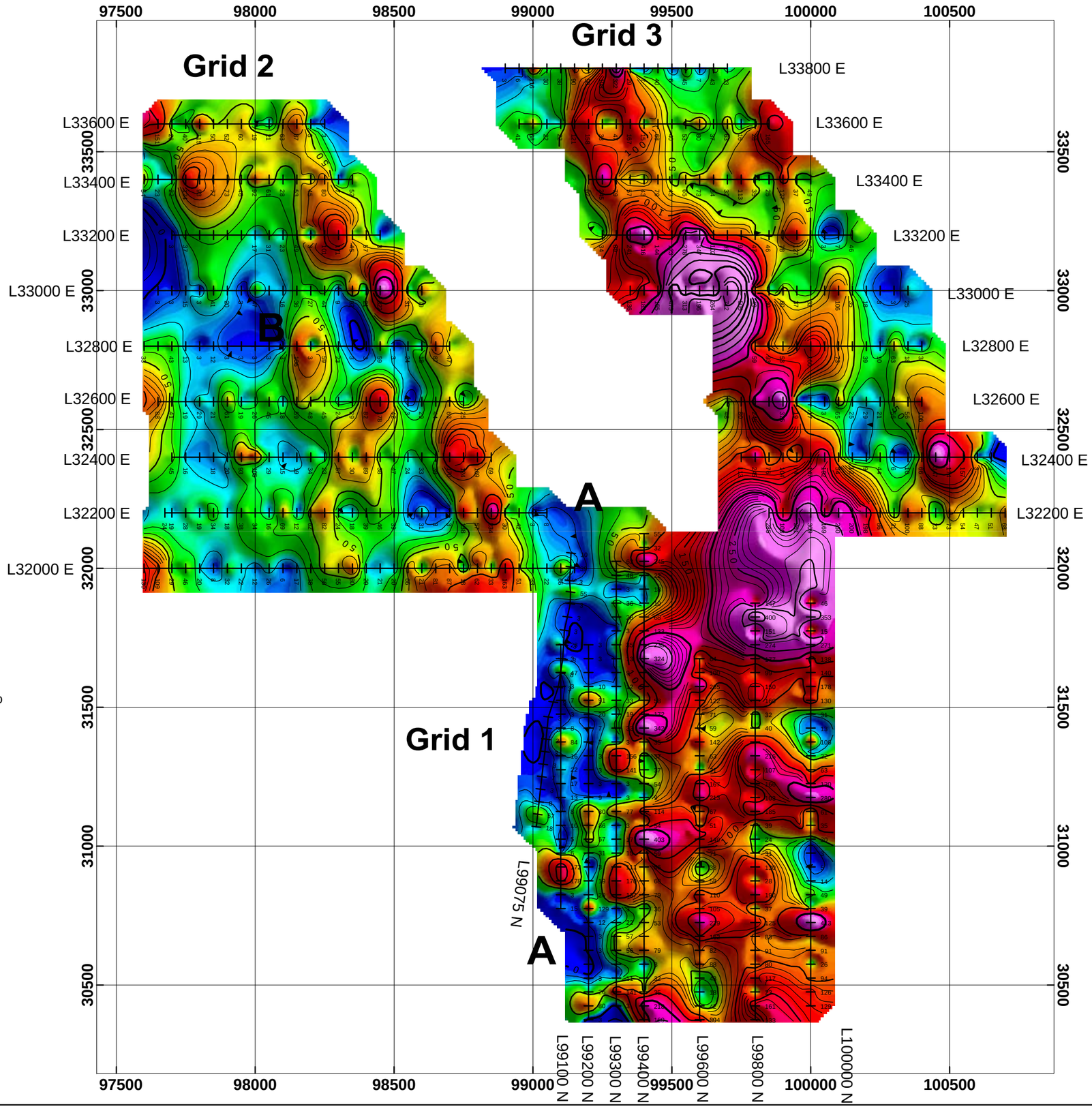
A Anomaly Label

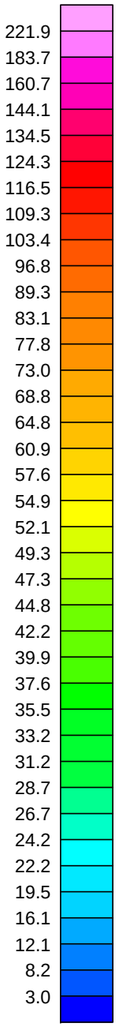
Dates Samples Picked Up:
June and July, 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

Grid Base:
UTM, NAD 83 (last 5 digits)
Zone 10U





Scale 1:16000

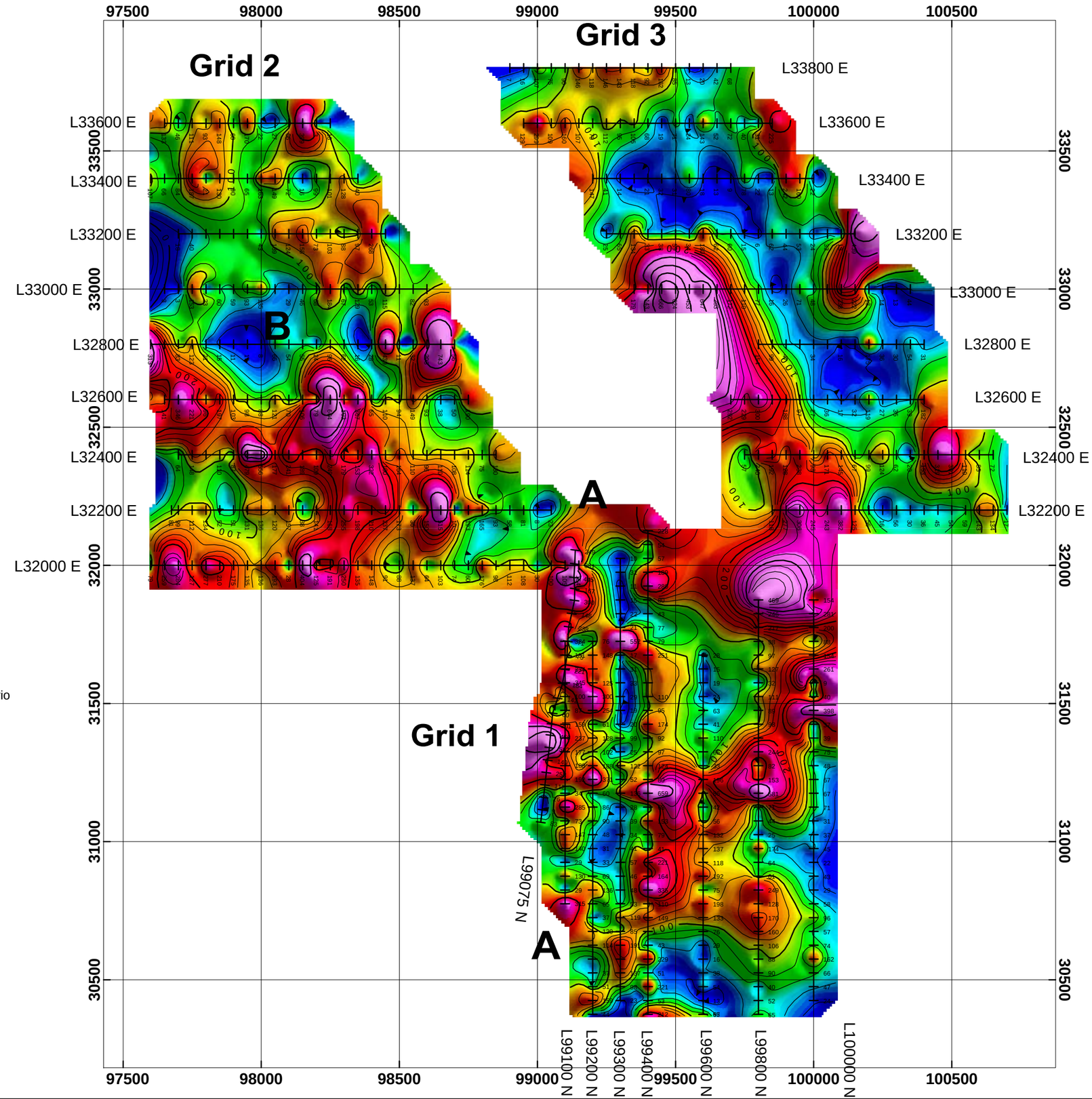
250 0 250 500

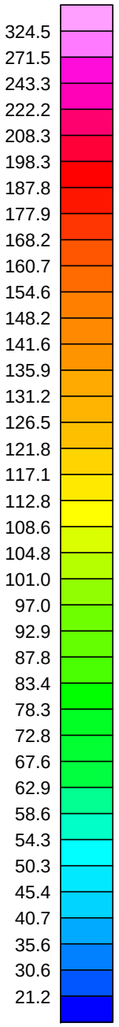
metres

GEOTRONICS CONSULTING INC.
SURREY B.C.

TIEX INC.				
CARIBOO GOLDFIELDS PROJECT GOLD CREEK PROSPECT GOLD CREEK, LIKELY AREA, CARIBOO MD, BC				
MMI GEOCHEMISTRY SURVEY CONTOUR PLAN CERIUM (ppb)				
DRAWN BY: DGM	JOB NO.: 08-07	NTS: 93A/12	DATE: May 09	FIG. NO.: GC-3

A Anomaly Label





Dates Samples Picked Up:
June and July, 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

Grid Base:
UTM, NAD 83 (last 5 digits)
Zone 10U

Scale 1:16000

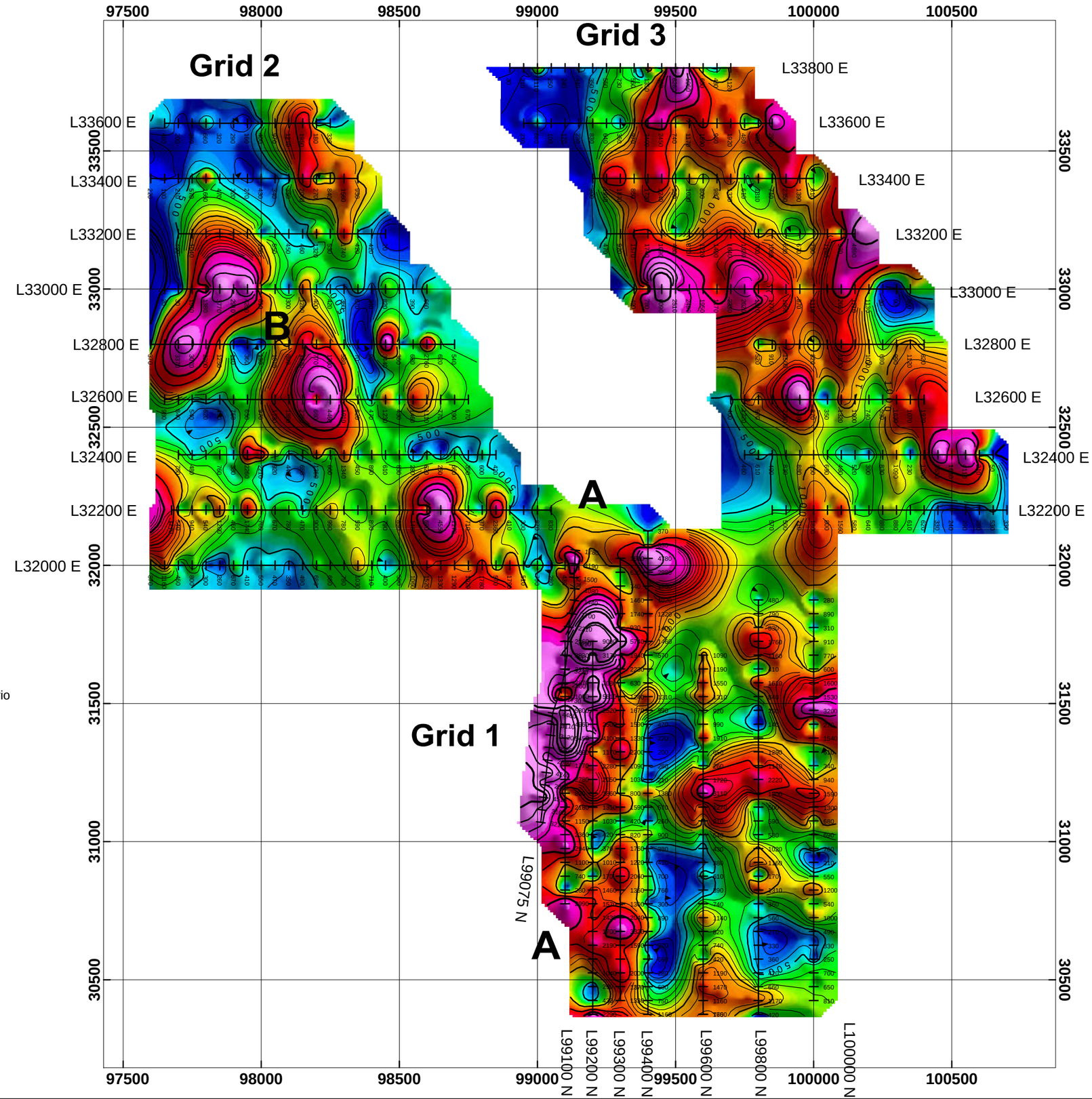
250 0 250 500

metres

TIEX INC.				
CARIBOO GOLDFIELDS PROJECT GOLD CREEK PROSPECT GOLD CREEK, LIKELY AREA, CARIBOO MD, BC				
MMI GEOCHEMISTRY SURVEY CONTOUR PLAN COBALT (ppb)				
DRAWN BY: DGM	JOB NO.: 08-07	NTS: 93A/12	DATE: May 09	FIG. NO.: GC-4

GEOTRONICS CONSULTING INC.
SURREY B.C.

A Anomaly Label



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2672.4
2297.8
2036.9
1852.3
1712.3
1594.6
1492.3
1399.8
1321.8
1248.2
1191.6
1135.0
1091.5
1043.3
1000.0
954.1
907.6
867.2
837.6
803.3
771.9
746.2
722.2
692.1
664.2
636.1
603.7
570.7
542.0
511.3
479.1
450.0
414.9
375.0
318.6
244.4
138.8

Dates Samples Picked Up:
June and July, 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

Grid Base:
UTM, NAD 83 (last 5 digits)
Zone 10U

Scale 1:16000

250 0 250 500

metres

GEOTRONICS CONSULTING INC.
SURREY B.C.

TIEX INC.				
CARIBOO GOLDFIELDS PROJECT GOLD CREEK PROSPECT GOLD CREEK, LIKELY AREA, CARIBOO MD, BC				
MMI GEOCHEMISTRY SURVEY CONTOUR PLAN COPPER (ppb)				
DRAWN BY: DGM	JOB NO.: 08-07	NTS: 93A/12	DATE: May 09	FIG. NO.: GC-5

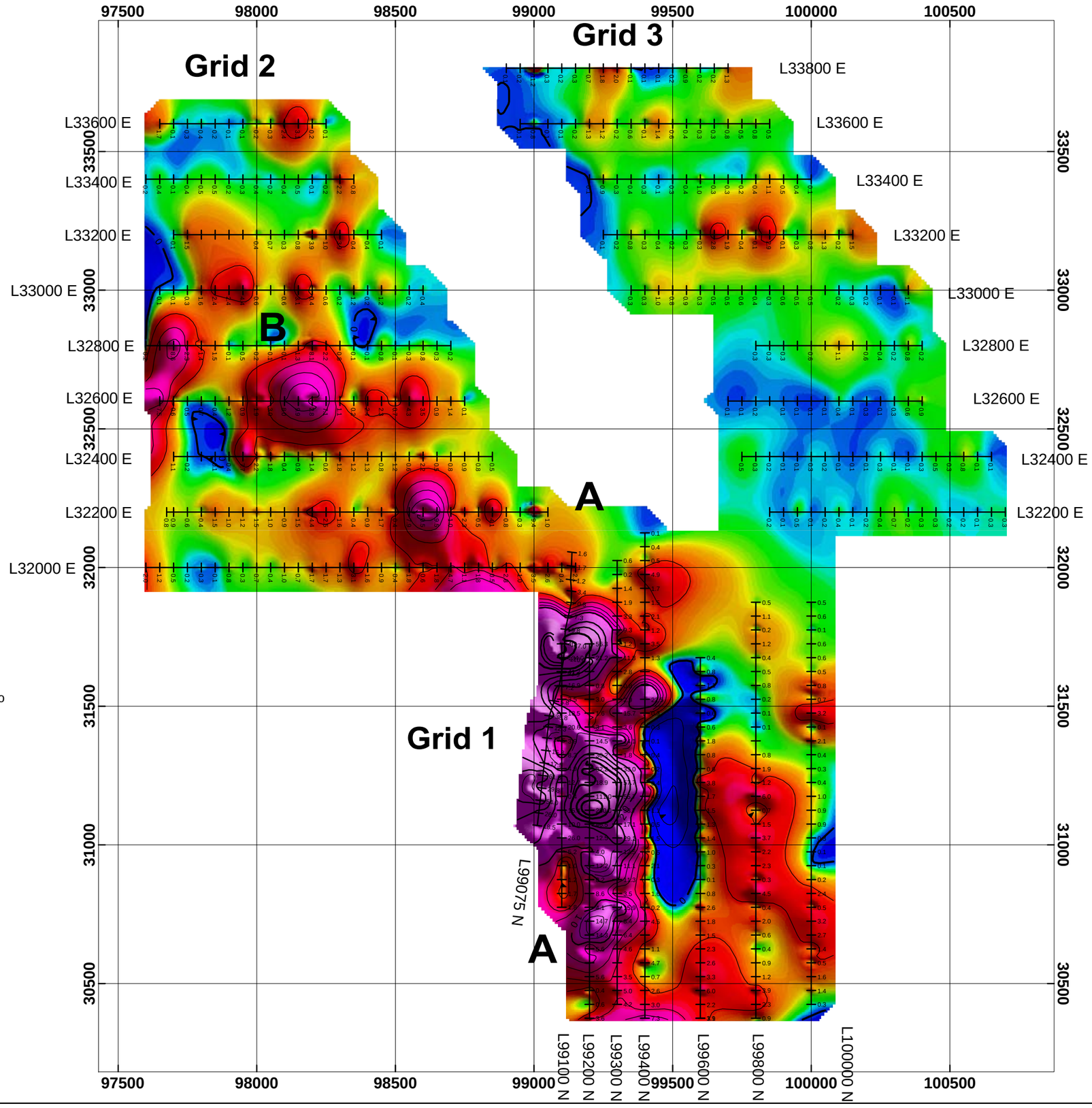
A Anomaly Label

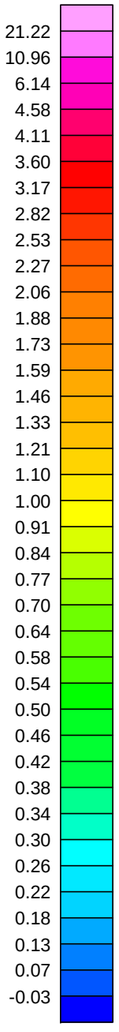
Dates Samples Picked Up:
June and July, 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

Grid Base:
UTM, NAD 83 (last 5 digits)
Zone 10U





Scale 1:16000

250 0 250 500

metres

TIEX INC.				
CARIBOO GOLDFIELDS PROJECT GOLD CREEK PROSPECT GOLD CREEK, LIKELY AREA, CARIBOO MD, BC				
MMI GEOCHEMISTRY SURVEY *CONTOUR PLAN* ***GOLD (ppb)***				
DRAWN BY: DGM	JOB NO.: 08-07	NTS: 93A/12	DATE: May 09	FIG. NO.: GC-6

GEOTRONICS CONSULTING INC.
SURREY B.C.

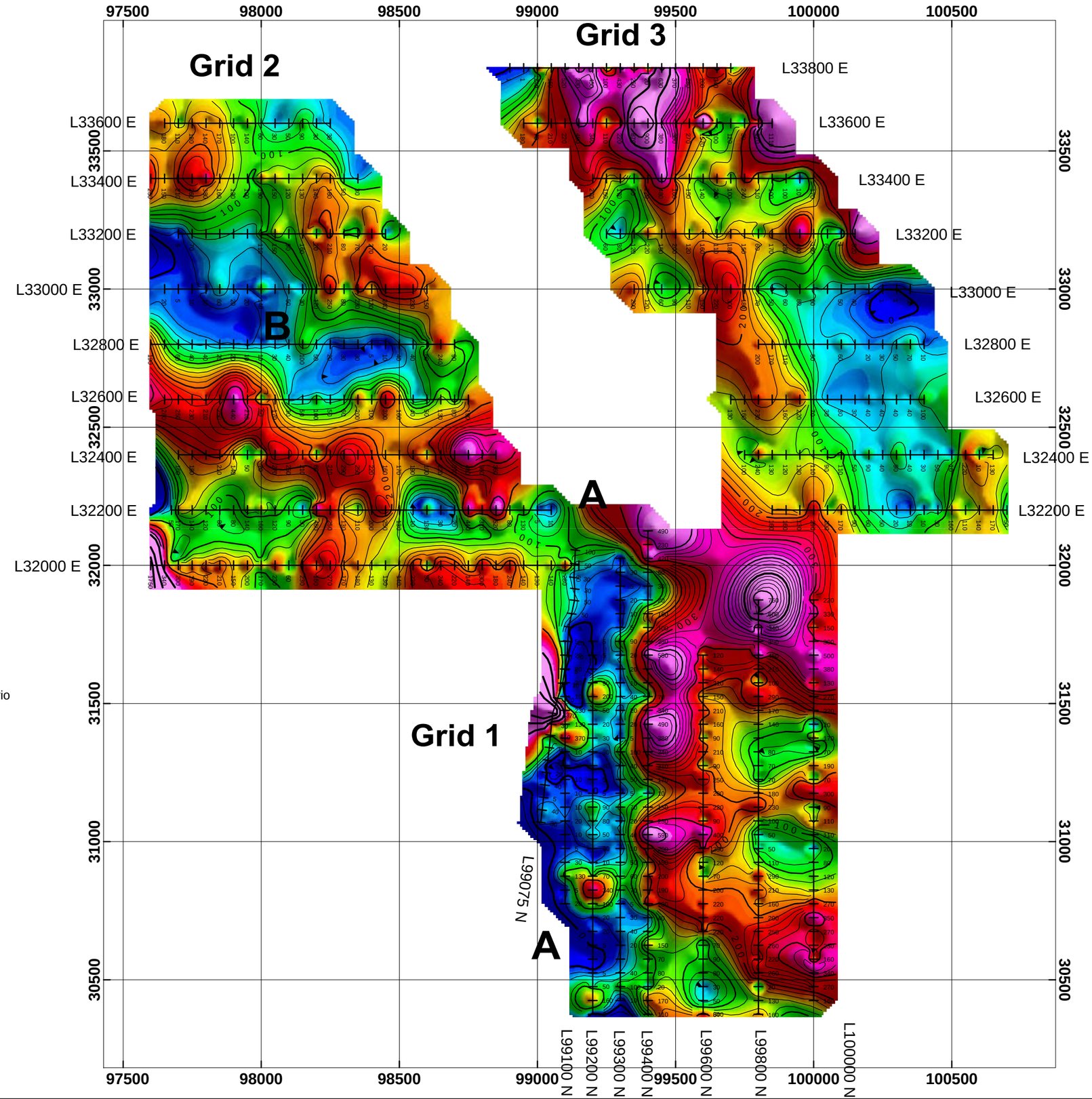
A Anomaly Label

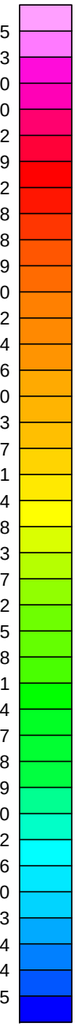
Dates Samples Picked Up:
June and July, 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

Grid Base:
UTM, NAD 83 (last 5 digits)
Zone 10U





Scale 1:16000

250 0 250 500

metres

TIEX INC.				
CARIBOO GOLDFIELDS PROJECT GOLD CREEK PROSPECT GOLD CREEK, LIKELY AREA, CARIBOO MD, BC				
MMI GEOCHEMISTRY SURVEY CONTOUR PLAN LEAD (ppb)				
DRAWN BY: DGM	JOB NO.: 08-07	NTS: 93A/12	DATE: May 09	FIG. NO.: GC-7

GEOTRONICS CONSULTING INC.
SURREY B.C.

A Anomaly Label

Grid 2

Grid 3

Grid 1

B

A

A

97500 98000 98500 99000 99500 100000 100500

L33800 E
L33600 E
L33400 E
L33200 E
L33000 E
L32800 E
L32600 E
L32400 E
L32200 E
L32000 E

33500 33000 32500 32000 31500 31000 30500

L99075 N

L99100 N L99200 N L99300 N L99400 N L99500 N L99600 N L99800 N L100000 N

48.2
38.1
31.9
27.3
24.0
21.5
19.9
18.5
17.3
16.3
15.5
14.8
14.1
13.4
12.9
12.3
11.7
11.2
10.6
10.1
9.6
9.1
8.6
8.1
7.7
7.3
6.8
6.4
6.0
5.6
5.2
4.8
4.3
3.9
3.2
2.7
2.4
-0.8

Dates Samples Picked Up:
June and July, 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

Grid Base:
UTM, NAD 83 (last 5 digits)
Zone 10U

Scale 1:16000

250 0 250 500

metres

GEOTRONICS CONSULTING INC.
SURREY B.C.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT
GOLD CREEK PROSPECT
GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

MMI GEOCHEMISTRY SURVEY
CONTOUR PLAN

MOLYBDENUM (ppb)

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG. NO.:
DGM	08-07	93A/12	May 09	GC-8

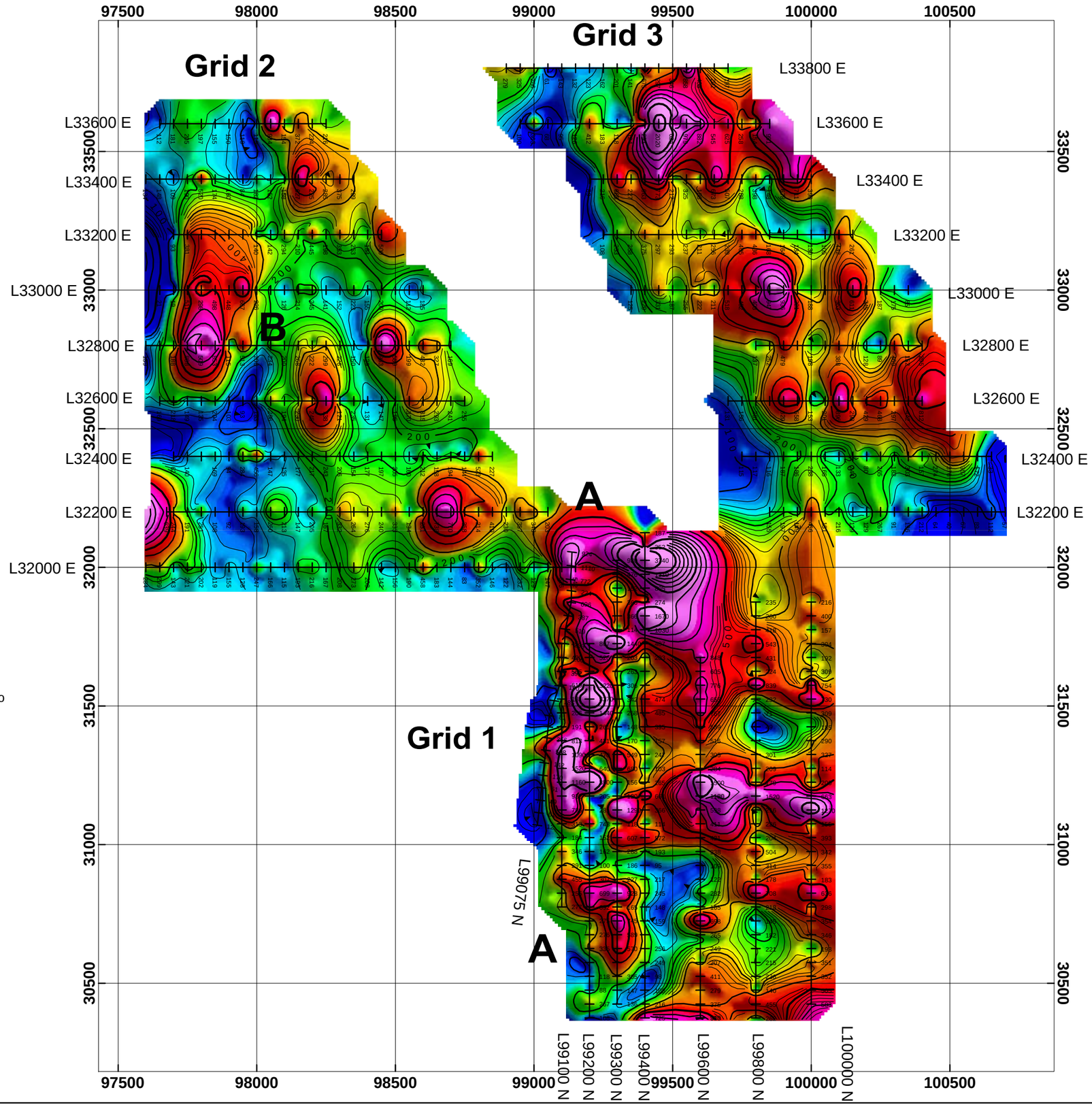
A Anomaly Label

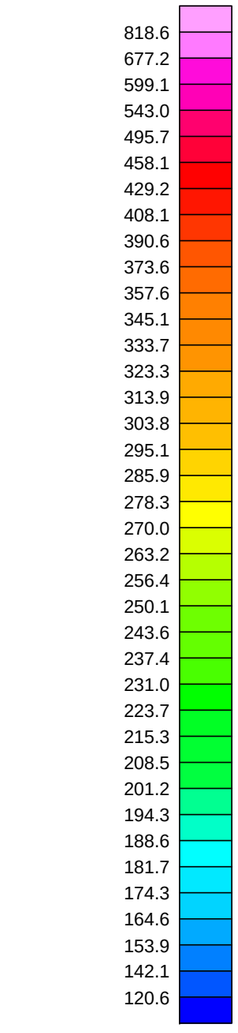
Dates Samples Picked Up:
June and July, 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

Grid Base:
UTM, NAD 83 (last 5 digits)
Zone 10U



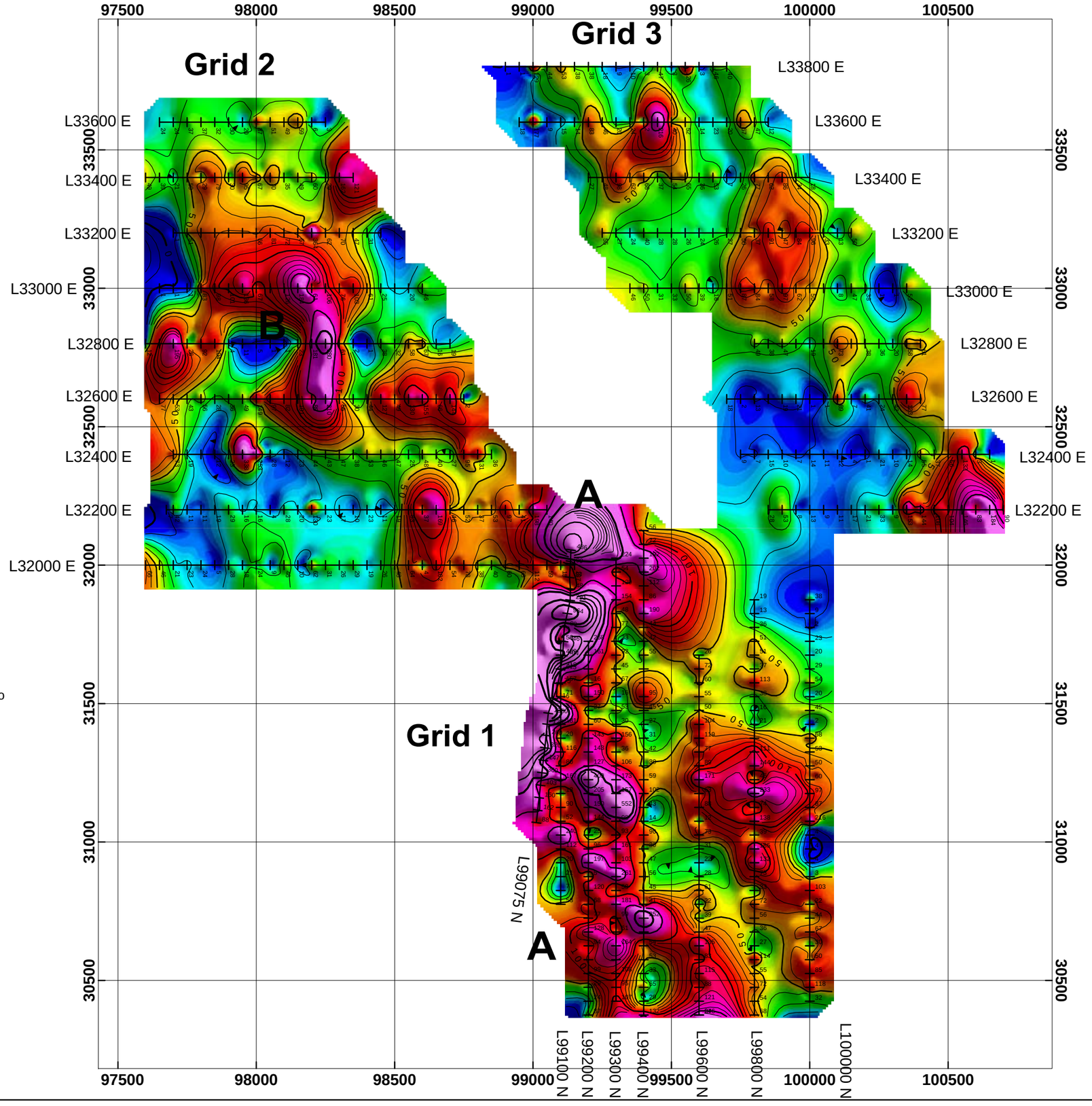


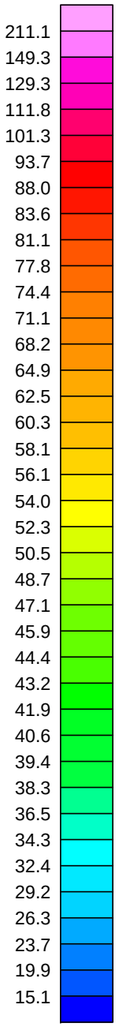
Scale 1:16000
250 0 250 500
metres

TIEX INC.				
CARIBOO GOLDFIELDS PROJECT GOLD CREEK PROSPECT GOLD CREEK, LIKELY AREA, CARIBOO MD, BC				
MMI GEOCHEMISTRY SURVEY CONTOUR PLAN NICKEL (ppb)				
DRAWN BY: DGM	JOB NO.: 08-07	NTS: 93A/12	DATE: May 09	FIG. NO.: GC-9

GEOTRONICS CONSULTING INC.
SURREY B.C.

A Anomaly Label





Dates Samples Picked Up:
June and July, 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

Grid Base:
UTM, NAD 83 (last 5 digits)
Zone 10U

Scale 1:16000

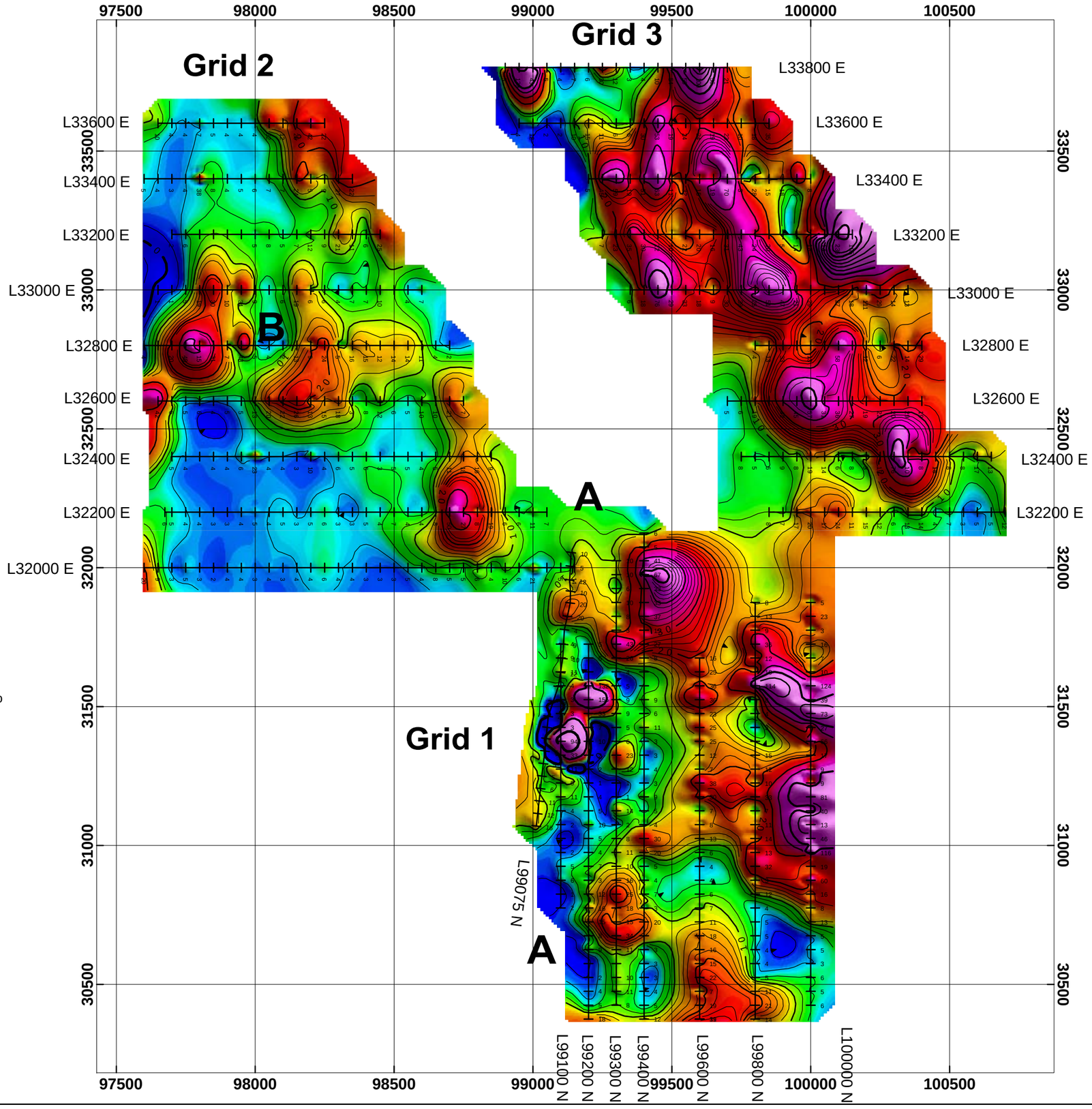
250 0 250 500

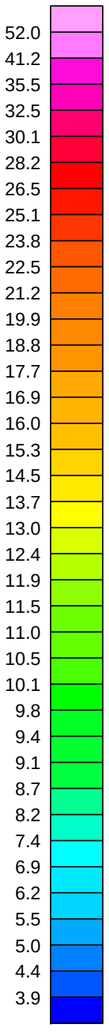
metres

GEOTRONICS CONSULTING INC.
SURREY B.C.

TIEX INC.				
CARIBOO GOLDFIELDS PROJECT GOLD CREEK PROSPECT GOLD CREEK, LIKELY AREA, CARIBOO MD, BC				
MMI GEOCHEMISTRY SURVEY *CONTOUR PLAN* ***SILVER (ppb)***				
DRAWN BY: DGM	JOB NO.: 08-07	NTS: 93A/12	DATE: May 09	FIG. NO.: GC-10

A Anomaly Label





Dates Samples Picked Up:
June and July, 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

Grid Base:
UTM, NAD 83 (last 5 digits)
Zone 10U

Scale 1:16000

250 0 250 500

metres

GEOTRONICS CONSULTING INC.
SURREY B.C.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT
GOLD CREEK PROSPECT
GOLD CREEK, LIKELY AREA, CARIBOO MD, BC

MMI GEOCHEMISTRY SURVEY
CONTOUR PLAN

URANIUM (ppb)

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG. NO.:
DGM	08-07	93A/12	May 09	GC-11

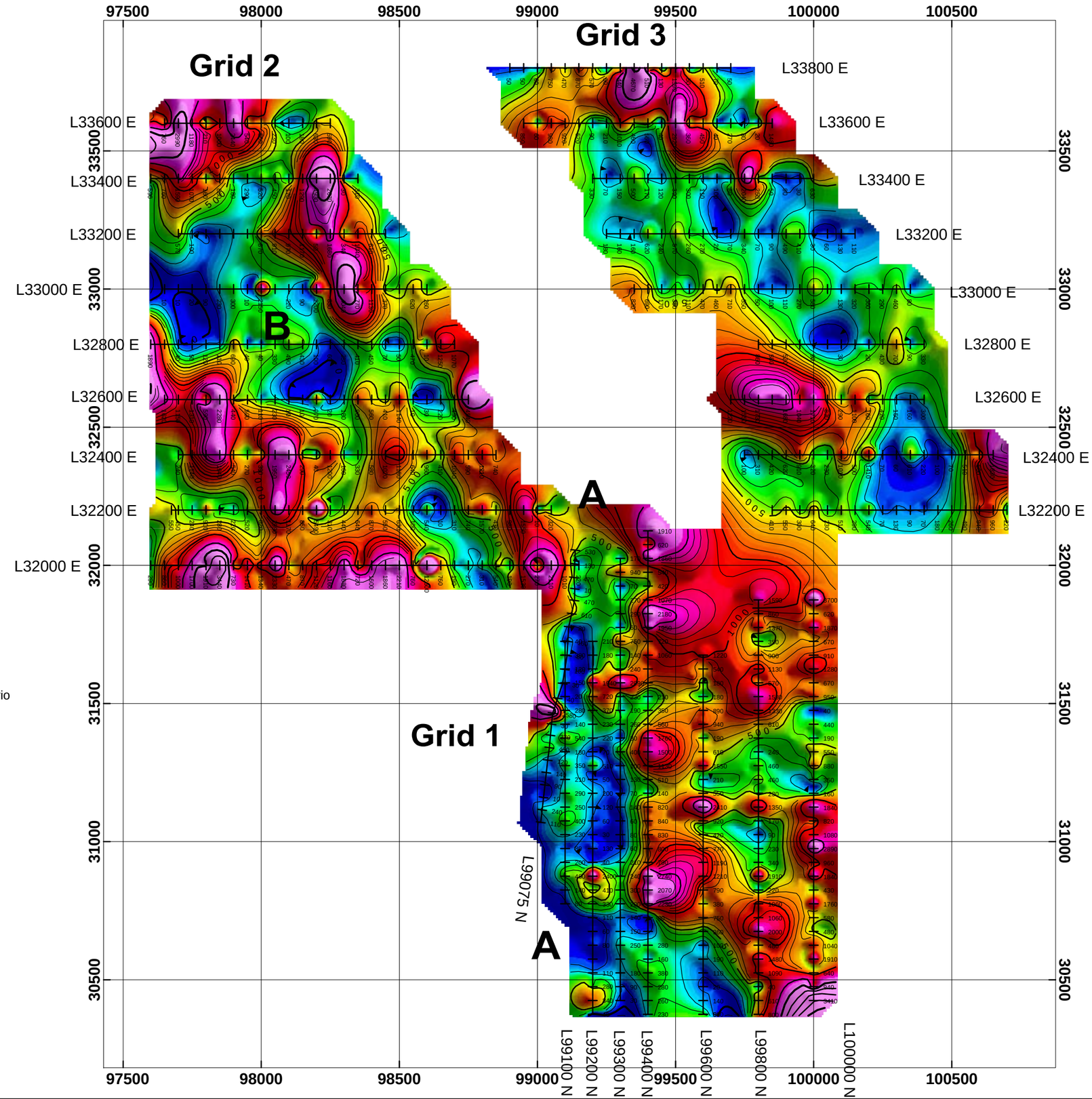
A Anomaly Label

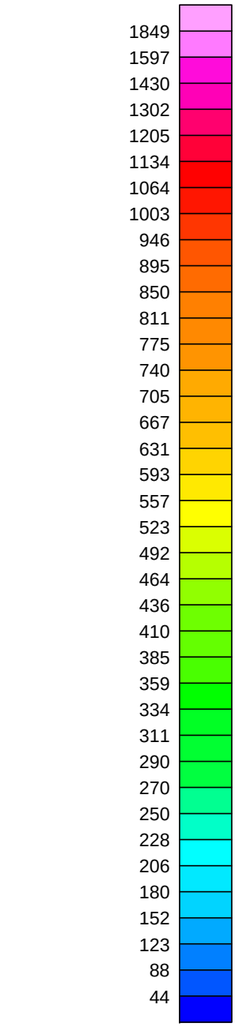
Dates Samples Picked Up:
June and July, 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Units:
parts per billion (ppb)

Grid Base:
UTM, NAD 83 (last 5 digits)
Zone 10U



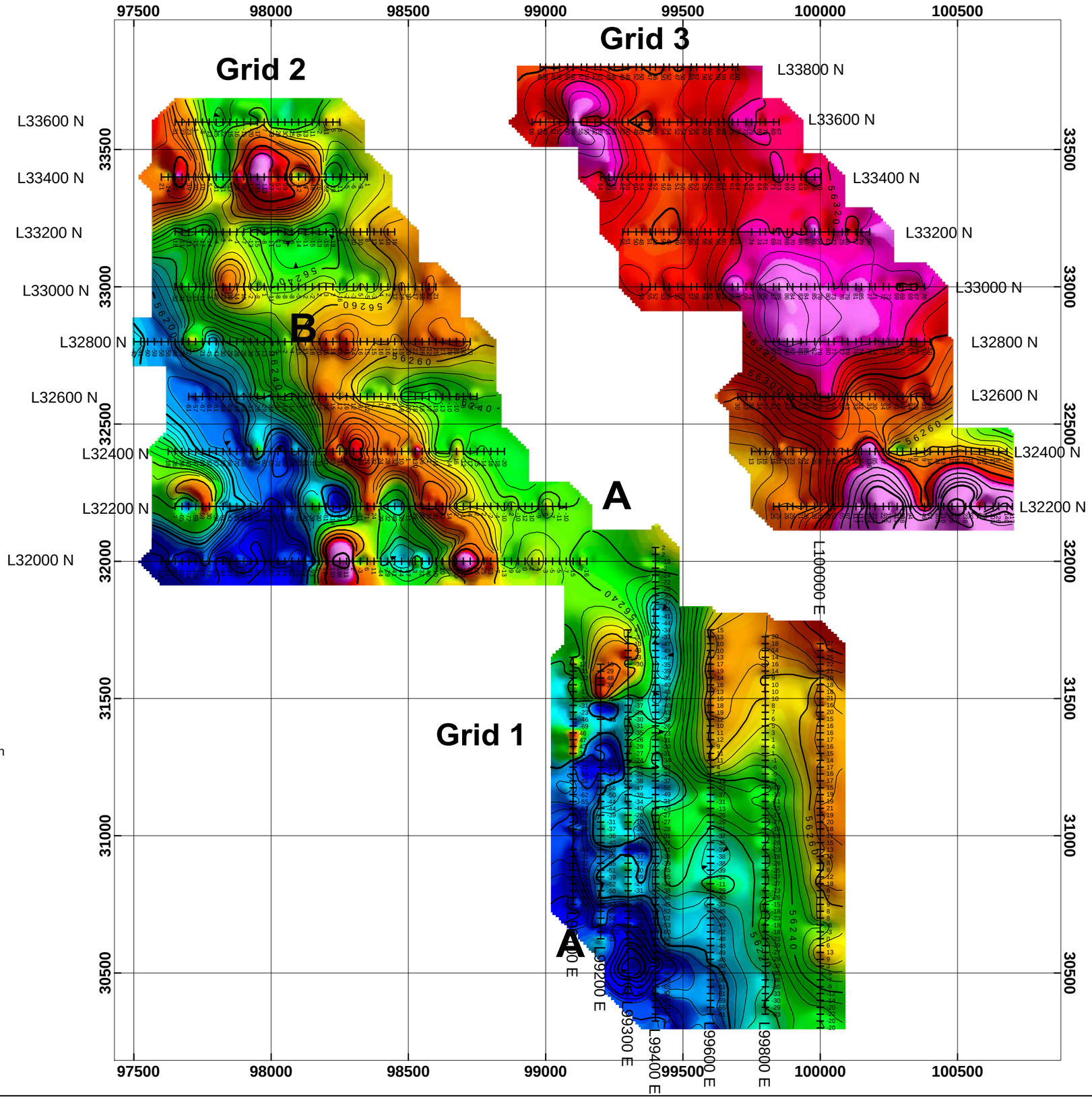


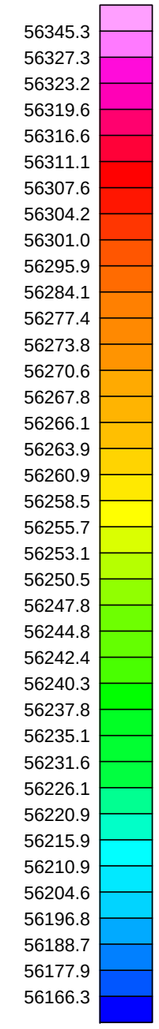
Scale 1:16000
250 0 250 500
metres

TIEX INC.				
CARIBOO GOLDFIELDS PROJECT GOLD CREEK PROSPECT GOLD CREEK, LIKELY AREA, CARIBOO MD, BC				
MMI GEOCHEMISTRY SURVEY CONTOUR PLAN ZINC (ppb)				
DRAWN BY: DGM	JOB NO.: 08-07	NTS: 93A/12	DATE: May 09	FIG. NO.: GC-12

GEOTRONICS CONSULTING INC.
SURREY B.C.

A Anomaly Label





Instrumetation:
Geometrics proton precession magnetometer, model G-856

Survey Date:
June and July 2008

Units:
nanoTeslas (nT)

Magnetometer Reading Base:
56,250 nT

Survey Grid Base:
UTM, NAD 83 (last 5 digits)
Zone 12R

Scale 1:16000

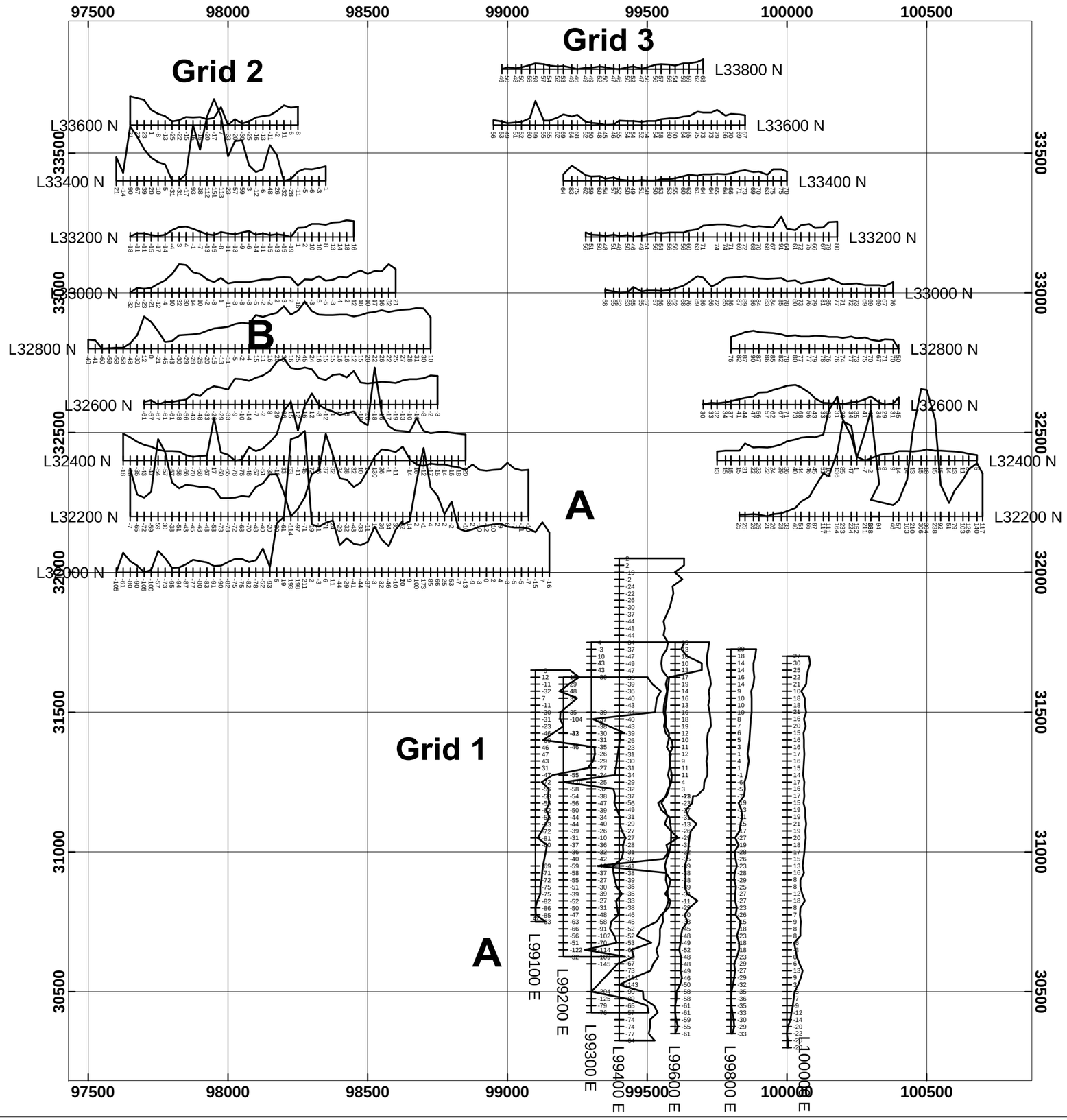
250 0 250 500

metres

GEOTRONICS CONSULTING INC.
SURREY B.C.

TIEX INC.				
CARIBOO GOLDFIELDS PROJECT GOLD CREEK PROSPECT GOLD CREEK, LIKELY AREA, CARIBOO MD, BC				
CONTOUR PLAN MAGNETIC SURVEY				
DRAWN BY: DGM	JOB NO.: 08-07	NTS: 93A/12	DATE: May 09	FIG. NO.: Mag-1

A Anomaly Label



Instrumetation:
Geometrics proton precession magnetometer, model G-856

Survey Date:
June and July 2008

Units:
nanoTeslas (nT)

Magnetometer Reading Base:
56,250 nT

Survey Grid Base:
UTM, NAD 83 (last 5 digits)
Zone 12R

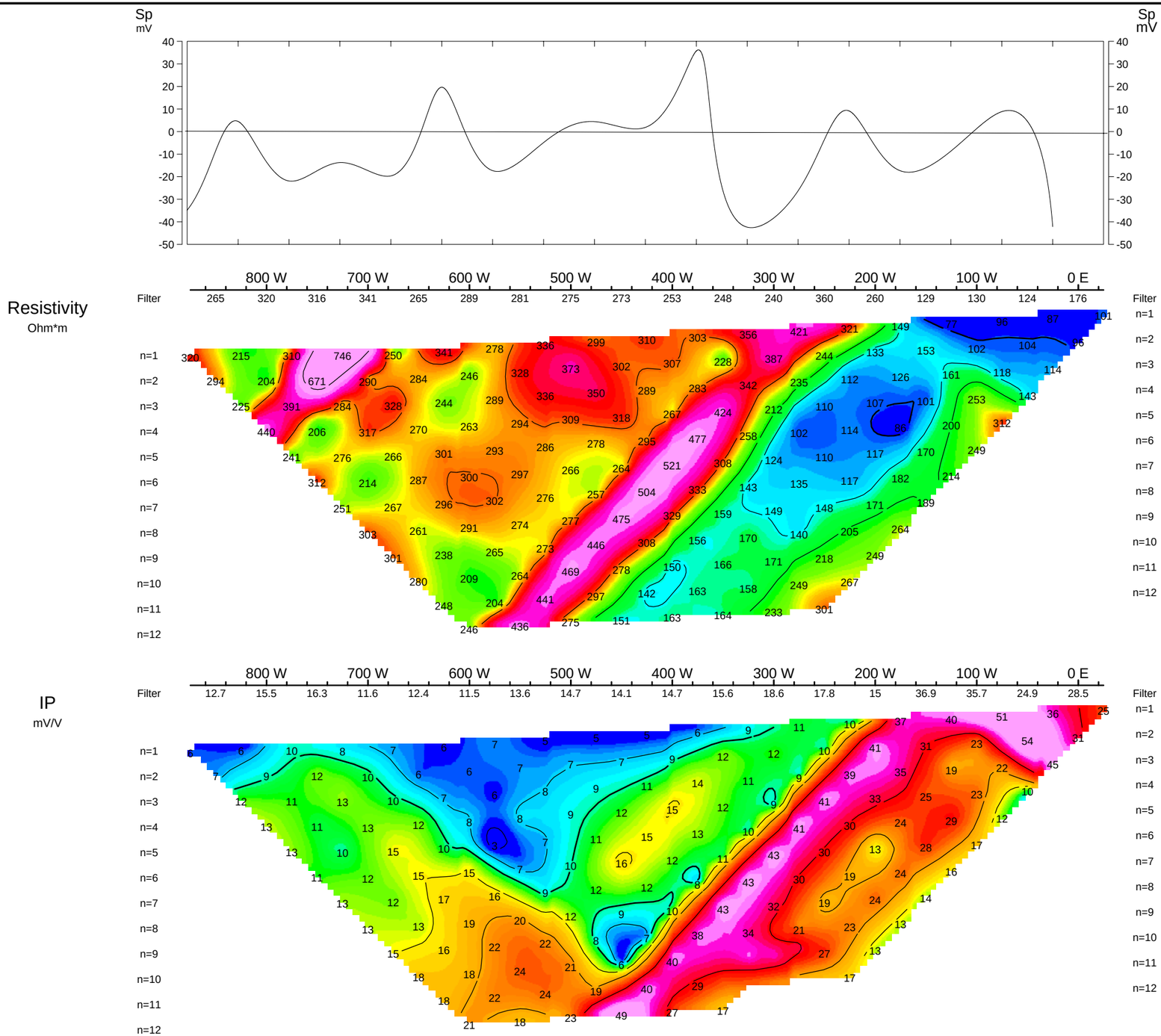
Scale 1:16000

250 0 250 500

metres

GEOTRONICS CONSULTING INC.
SURREY B.C.

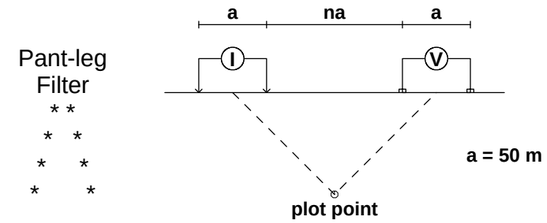
TIEX INC.				
CARIBOO GOLDFIELDS PROJECT GOLD CREEK PROSPECT GOLD CREEK, LIKELY AREA, CARIBOO MD, BC				
PROFILE PLAN MAGNETIC SURVEY				
DRAWN BY: DGM	JOB NO.: 08-07	NTS: 93A/12	DATE: May 09	FIG. NO.: Mag-2



Pseudo Section Plot

L 99075E

Dipole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ▣ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

Scale 1:5000

50 0 50 100 150 200 250 300

(meters)

TIEX INC.

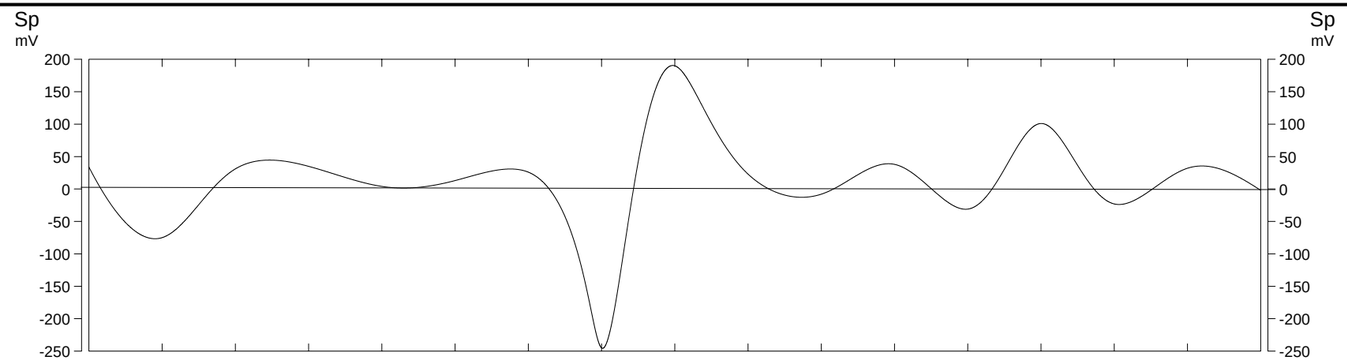
INDUCED POLARIZATION SURVEY

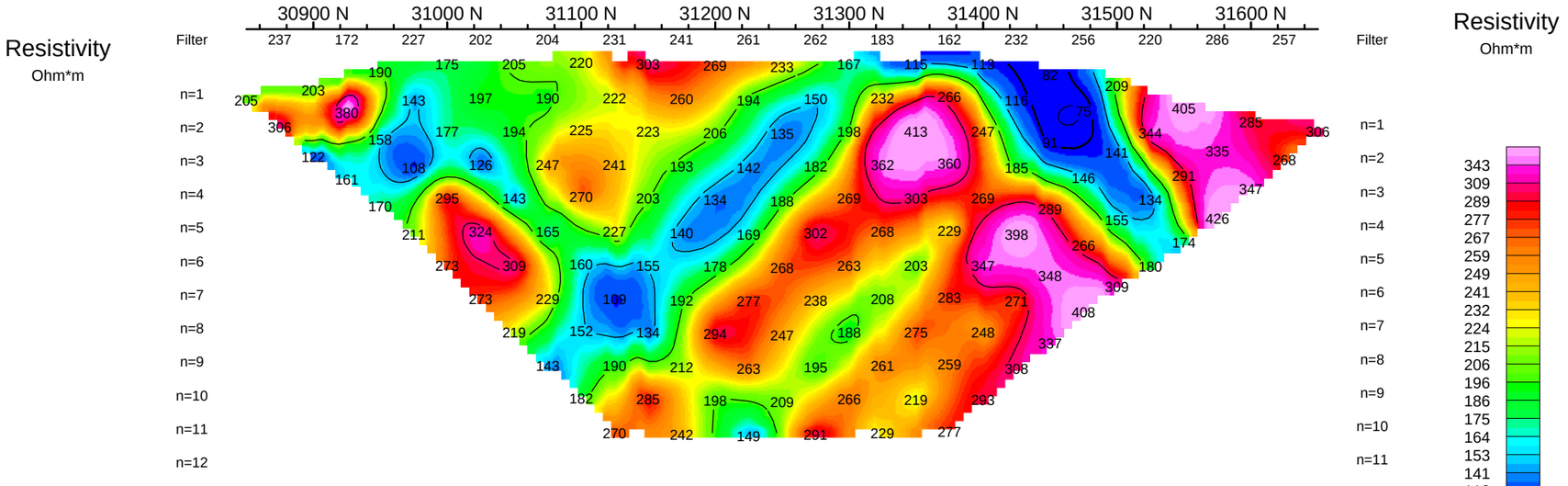
CARIBOO GOLDFIELDS PROJECT

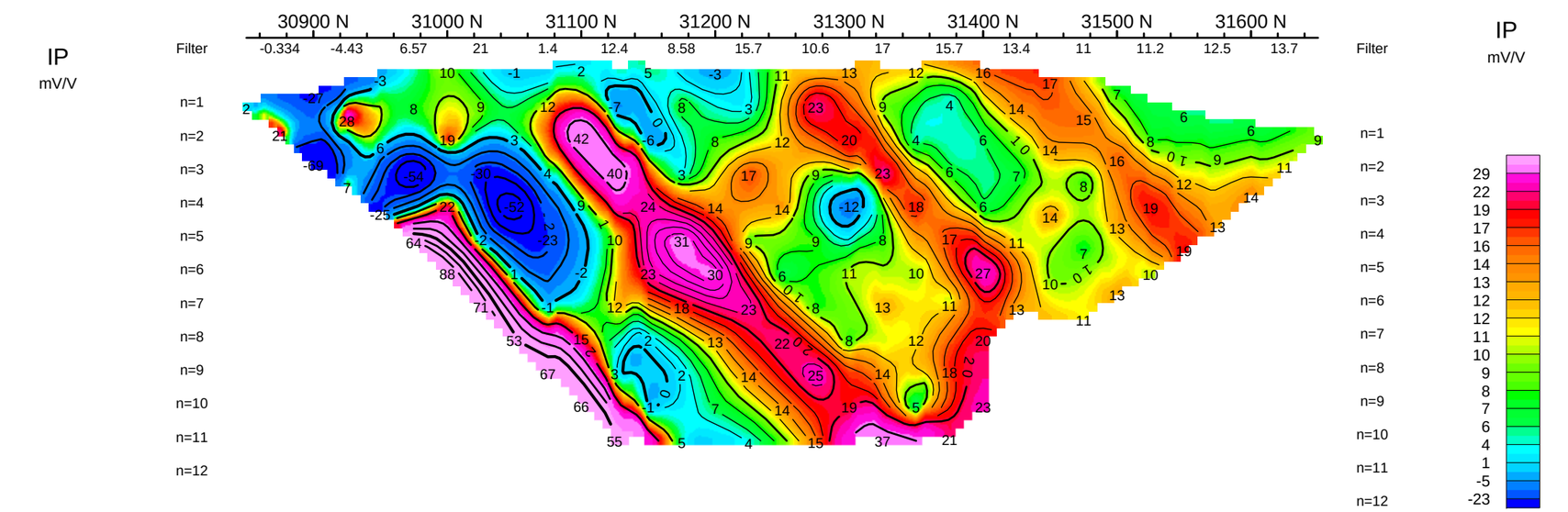
GOLD CREEK GRID 1, LIKELY AREA

Date: 26/03/2010
Interpretation:

Geotronics Consulting Inc.



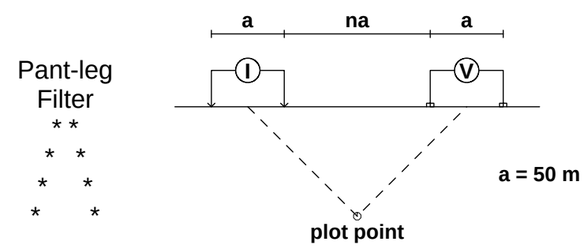




Pseudo Section Plot

99100 E

Dipole-Dipole Array



Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

■ **Strong increase in polarization accompanied by marked decrease in resistivity.**

□ **Well defined increase in polarization without marked resistivity decrease.**

□ **Poorly defined polarization increase with no resistivity signature.**

▼ **Low resistivity feature.**

Scale 1:5000

50 0 50 100 150 200 250 300

(meters)

TIEX INC.

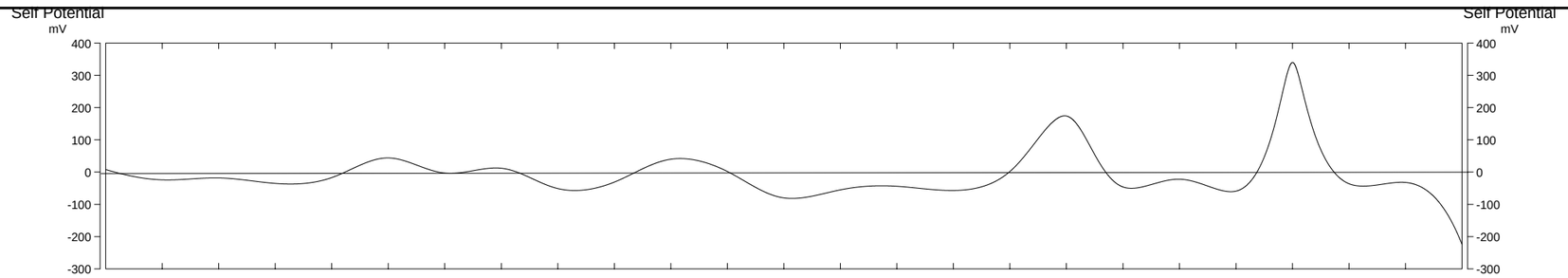
INDUCED POLARIZATION SURVEY

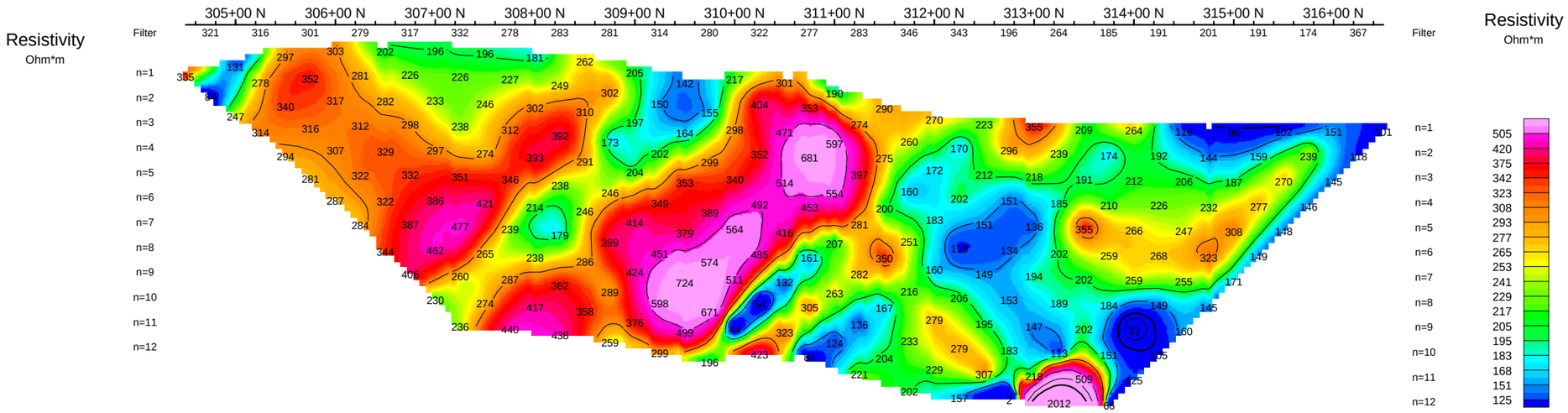
CARIBOO GOLDFIELDS PROJECT

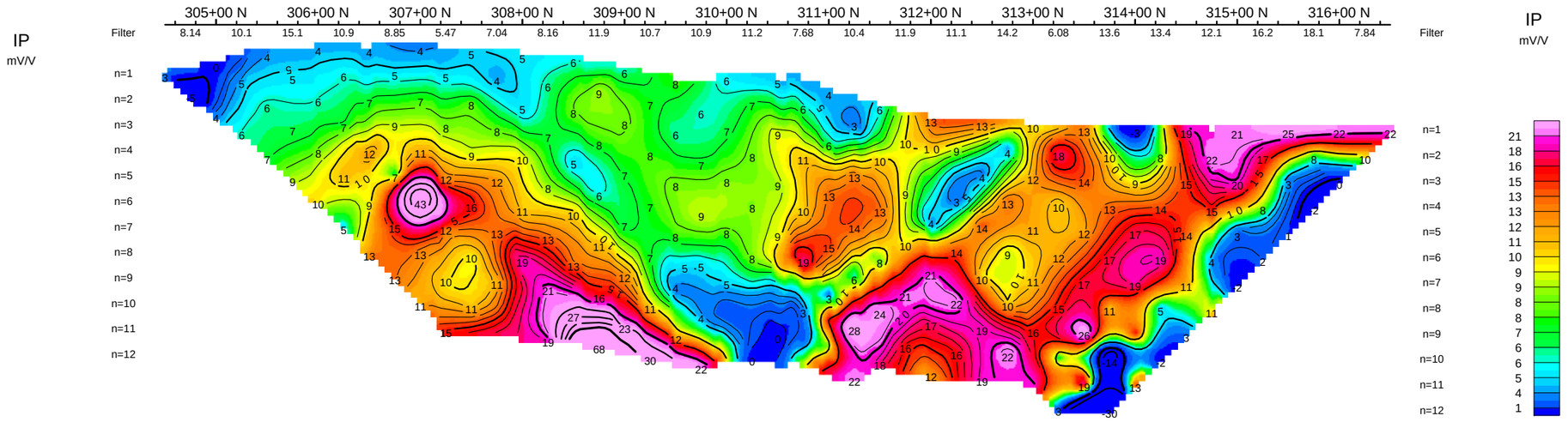
GOLD CREEK GRID, LIKELY AREA

Date: 04/06/2008
Interpretation:

Geotronics Consulting Inc,





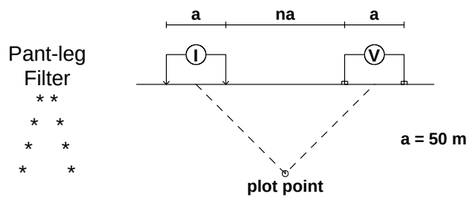


Geosoft Software for the Earth Sciences

Pseudo Section Plot

992+00 E

Dipole-Dipole Array



Pant-leg
Filter

Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ◘ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

Scale 1:5000

50 0 50 100 150 200 250 300

(meters)

TIEX INC.

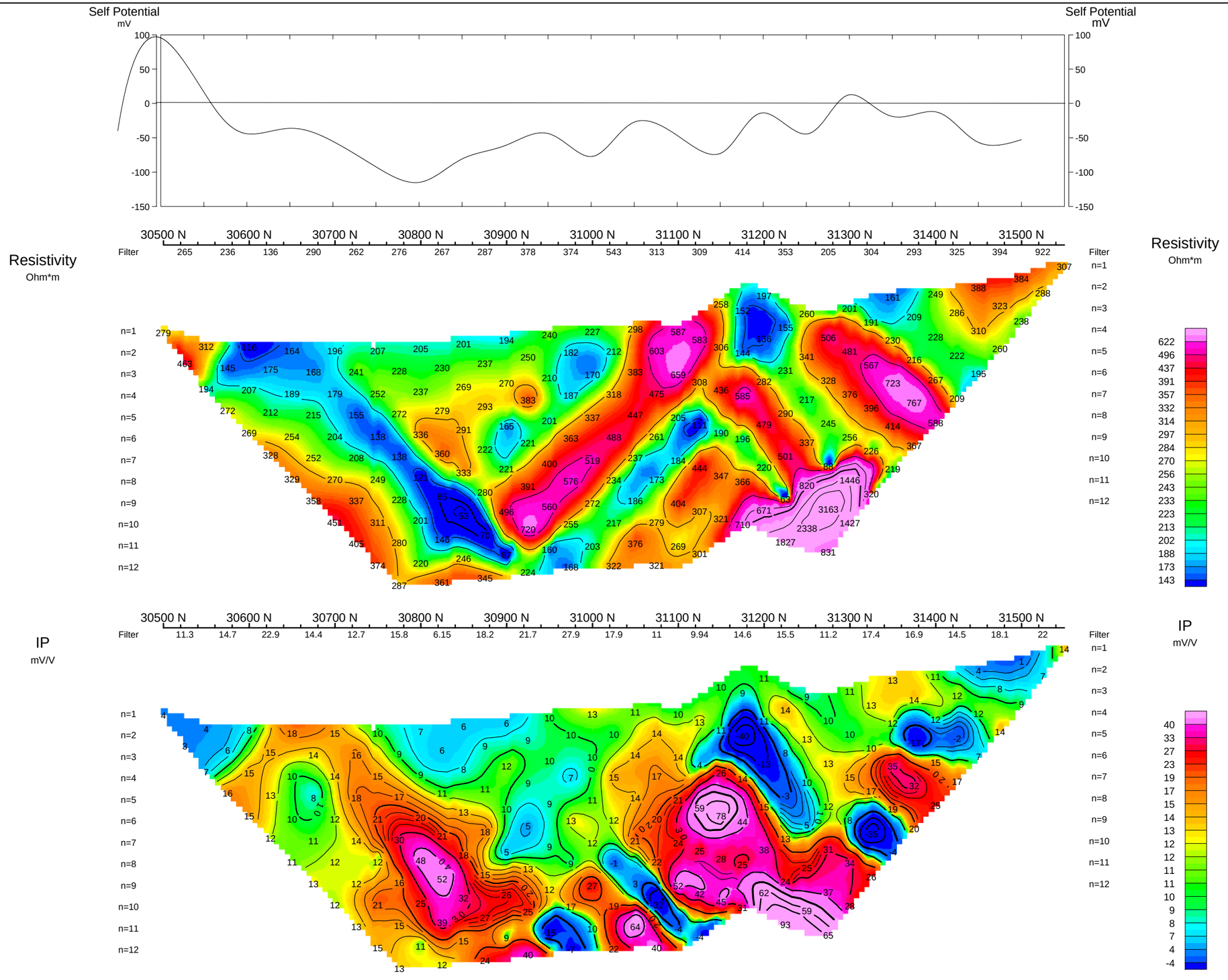
INDUCED POLARIZATION SURVEY

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID

Date: 26/03/2010
Interpretation:

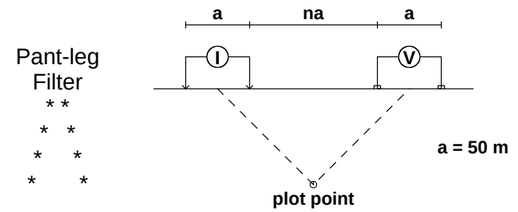
GEOTRONICS CONSULTING INC.



Pseudo Section Plot

99300 E

Dipole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ⧈ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

Scale 1:5000

50 0 50 100 150 200 250 300

(meters)

TIEX INC

INDUCED POLARIZATION SURVEY

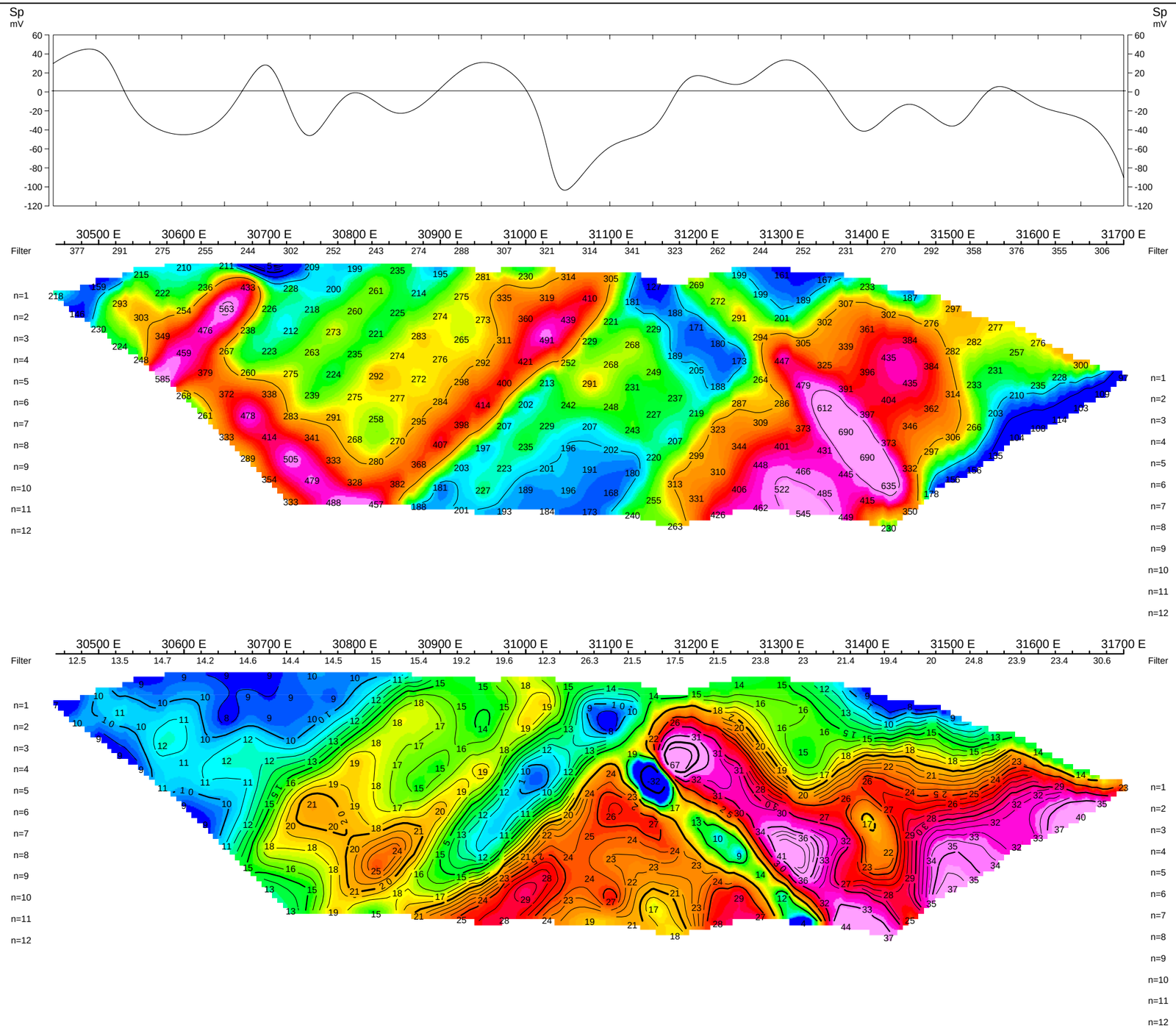
CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID, LIKELY AREA

Date: 26/03/2010

Interpretation:

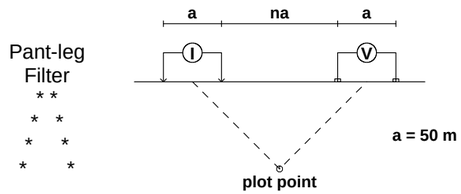
GEOTRONICS CONSULTING INC



Pseudo Section Plot

99400 N

Dipole-Dipole Array



Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ▣ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

Scale 1:5000

50 0 50 100 150 200 250 300

(meters)

TIEX INC.

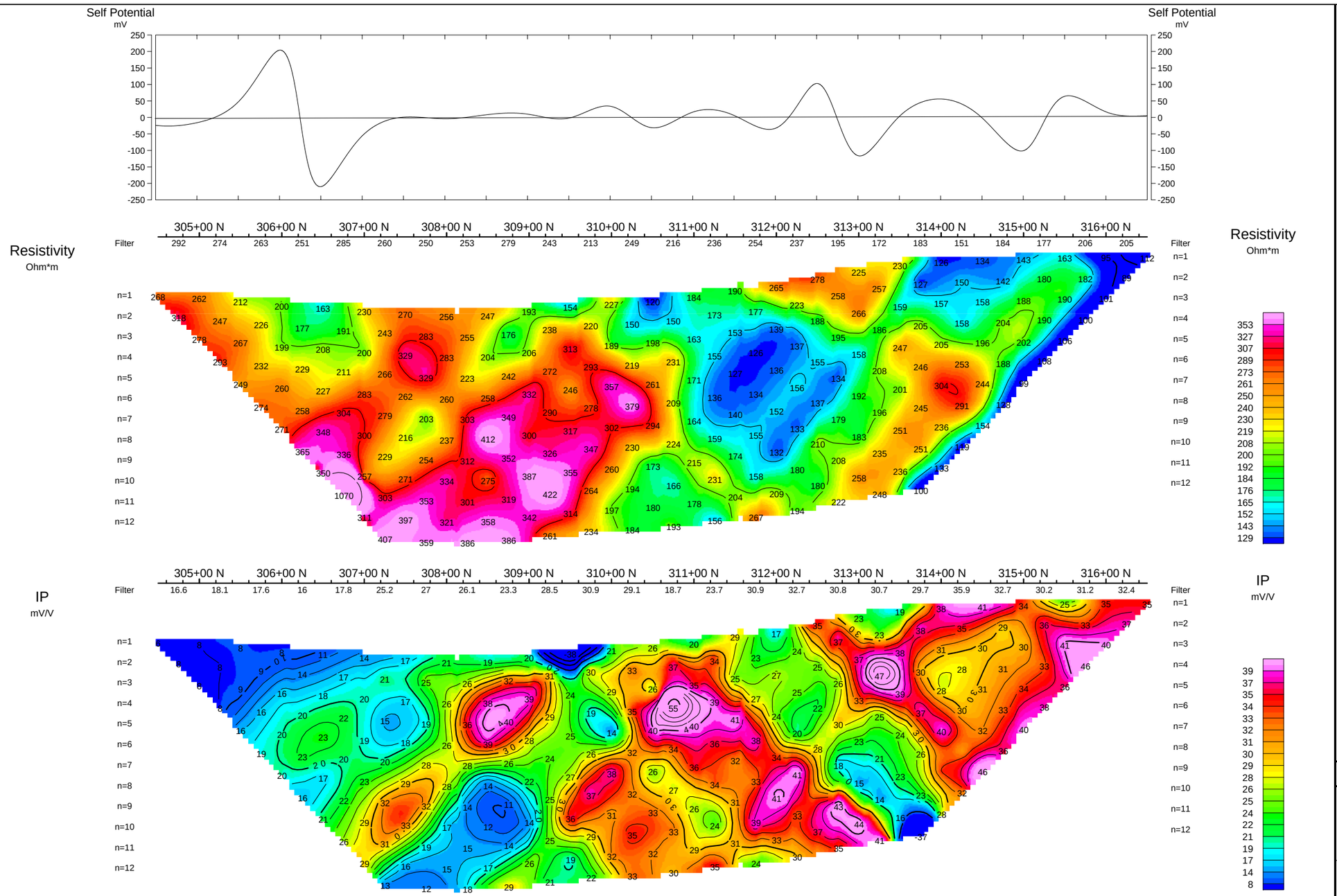
INDUCED POLARIZATION SURVEY

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID, LIKELY AREA

Date: 26/03/2010
Interpretation:

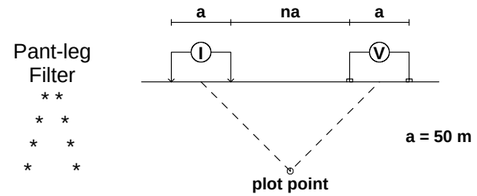
GEOTRONICS CONSULTING INC.



Pseudo Section Plot

996+00 E

Dipole-Dipole Array



Logarithmic
Contours: 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ▣ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

Scale 1:5000

50 0 50 100 150 200 250 300

(meters)

TIEX INC.

INDUCED POLARIZATION SURVEY

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID, LIKELY AREA

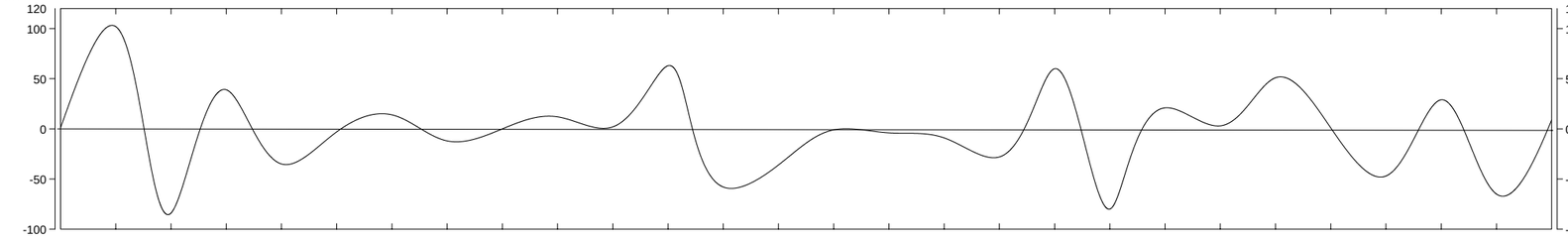
Date: 26/03/2010
Interpretation:

Geotronics Consulting Inc.

Pseudo Section Plot

998+00 E

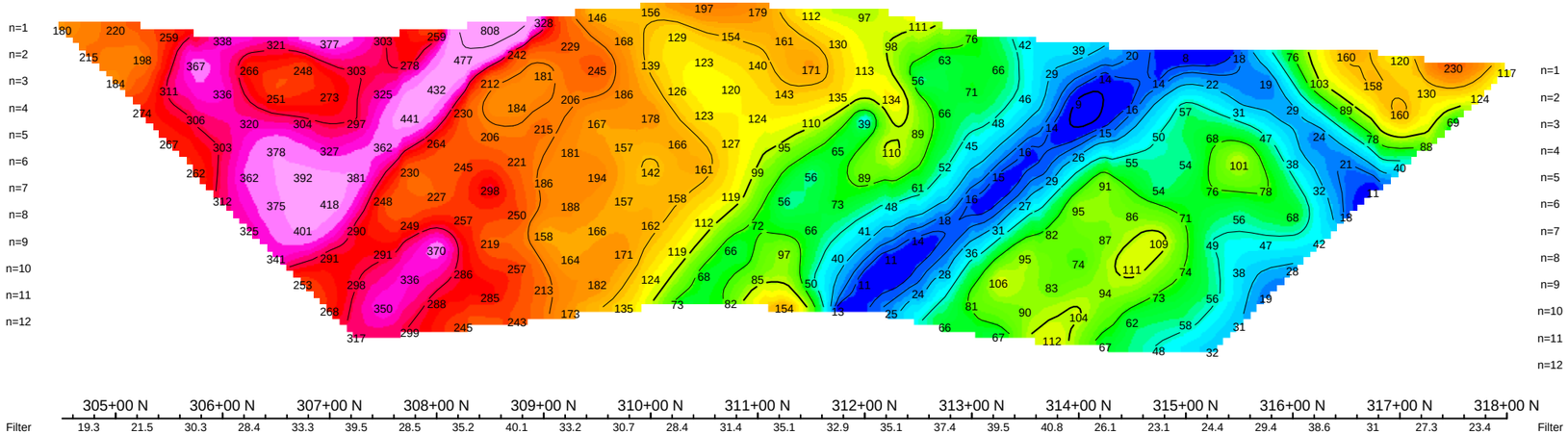
Sp
mV



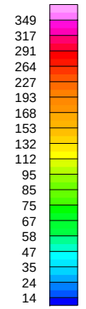
305+00 N | 306+00 N | 307+00 N | 308+00 N | 309+00 N | 310+00 N | 311+00 N | 312+00 N | 313+00 N | 314+00 N | 315+00 N | 316+00 N | 317+00 N | 318+00 N

Resistivity
Ohm*m

Filter: 299 311 279 273 273 241 239 253 281 169 154 178 156 136 111 108 88.9 54.8 62.7 55 19.2 22.2 70.9 84.6 95.8 88.6 83.3



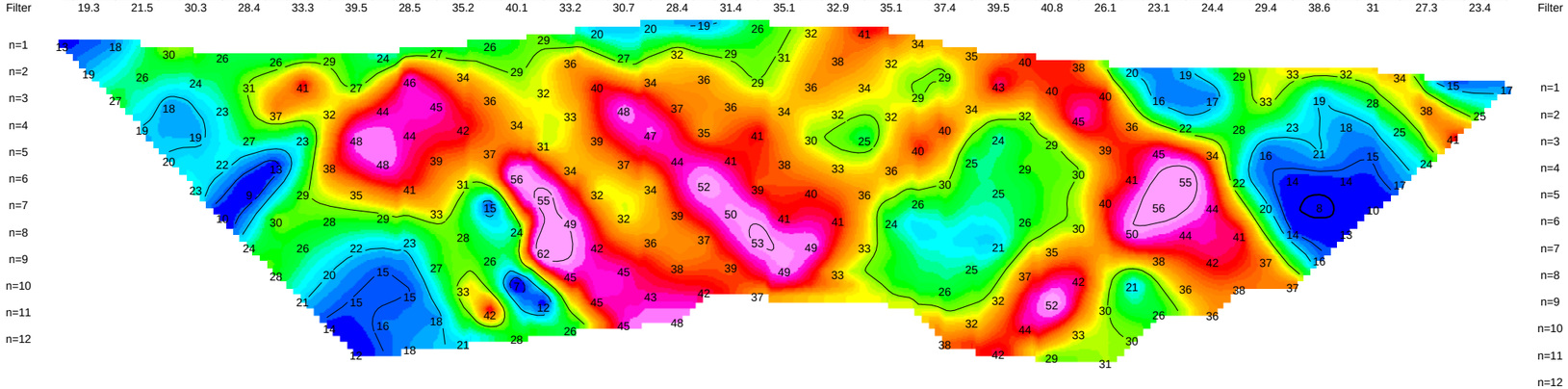
Resistivity
Ohm*m



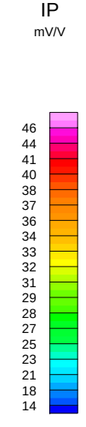
305+00 N | 306+00 N | 307+00 N | 308+00 N | 309+00 N | 310+00 N | 311+00 N | 312+00 N | 313+00 N | 314+00 N | 315+00 N | 316+00 N | 317+00 N | 318+00 N

IP
mV/V

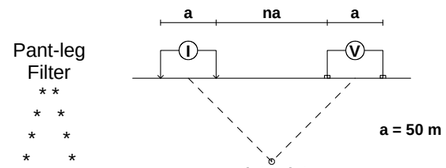
Filter: 19.3 21.5 30.3 28.4 33.3 39.5 28.5 35.2 40.1 33.2 30.7 28.4 31.4 35.1 32.9 35.1 37.4 39.5 40.8 26.1 23.1 24.4 29.4 38.6 31 27.3 23.4



IP
mV/V



Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ⧈ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

Scale 1:5000

50 0 50 100 150 200 250 300

(meters)

TIEX INC.

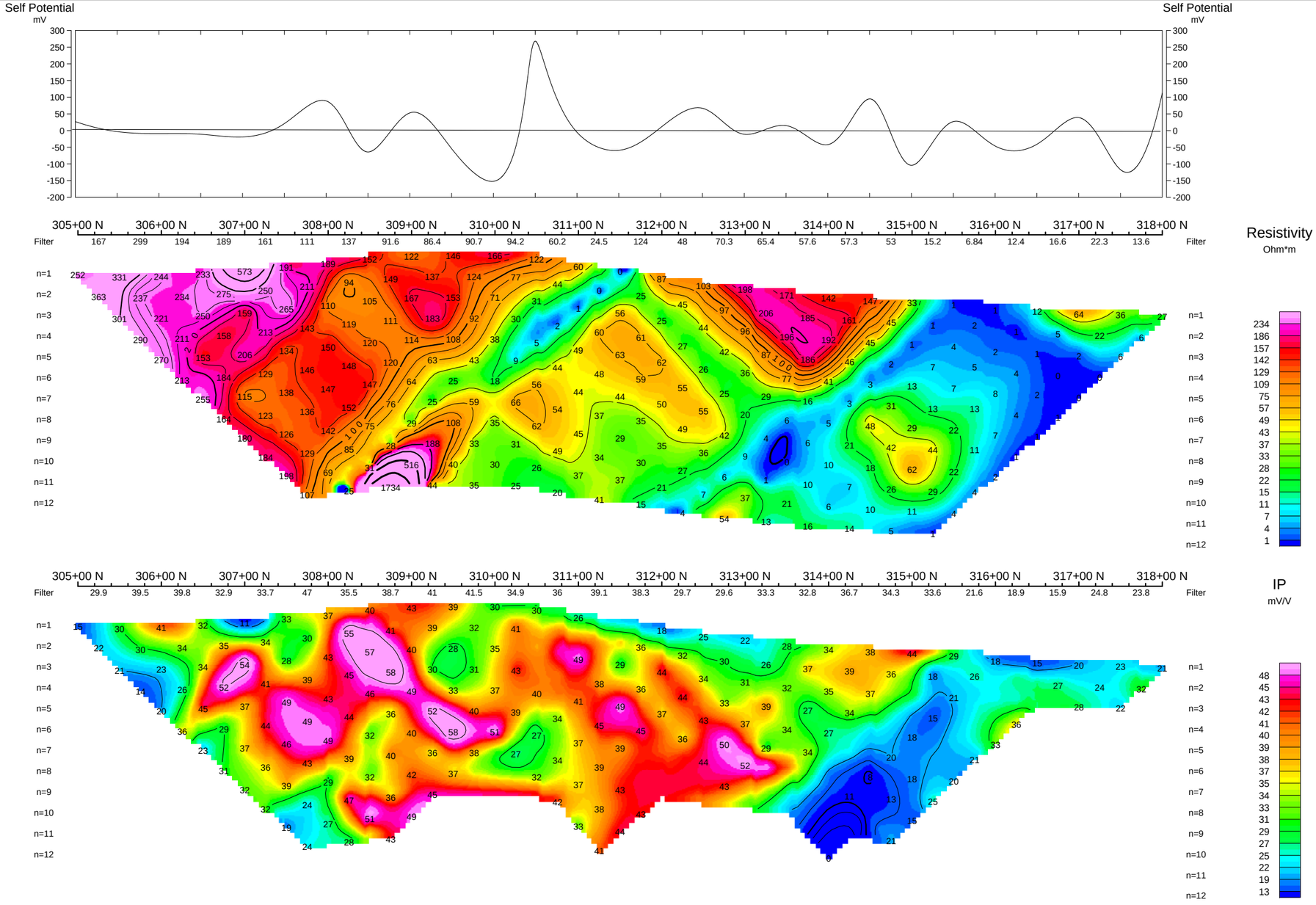
INDUCED POLARIZATION SURVEY

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID, LIKELY AREA

Date: 26/03/2010
Interpretation:

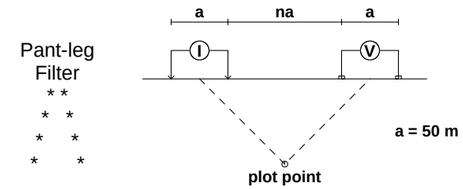
Geotronics Consulting Inc.



Pseudo Section Plot

1000+00 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours: 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ◘ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

Scale 1:5000

50 0 50 100 150 200 250 300

(meters)

TIEX INC.

INDUCED POLARIZATION SURVEY

CARIBOO GOLDFIELDS PROJECT

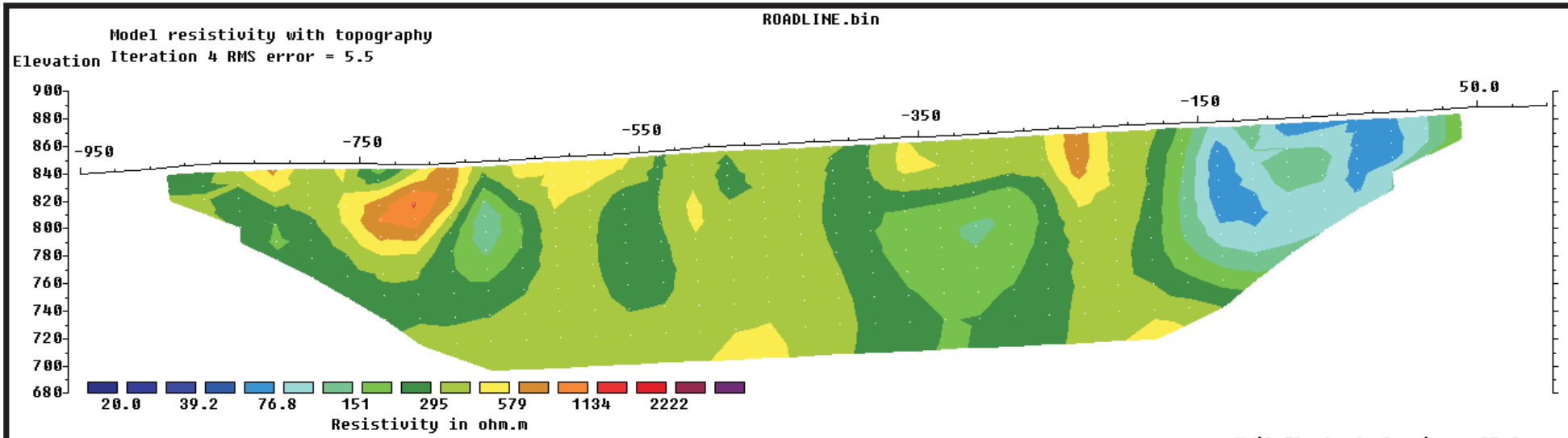
GOLD CREEK GRID, LIKELY AREA

Date: 26/03/2010

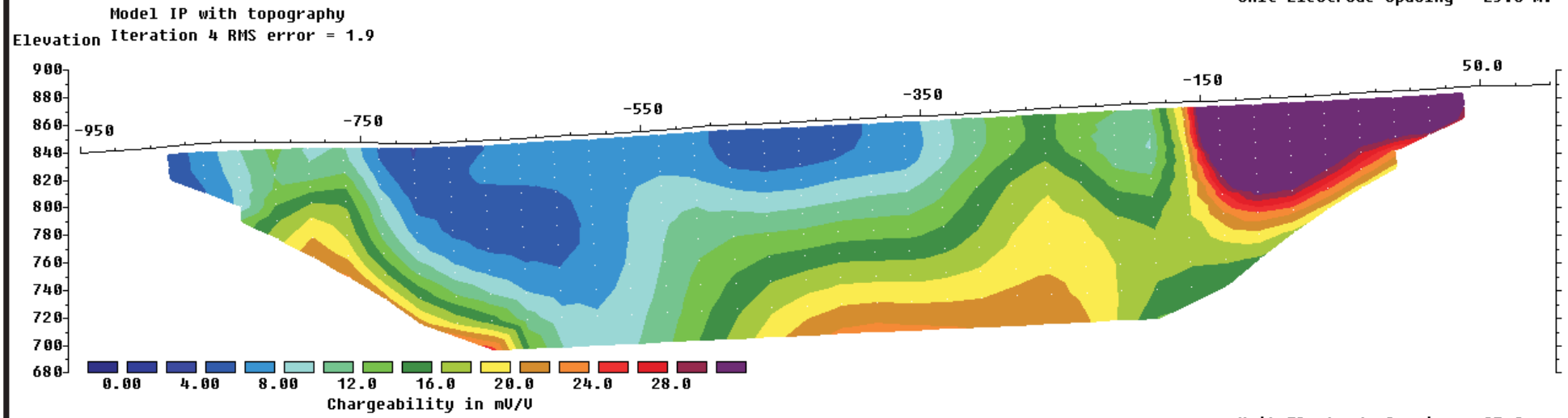
Interpretation:

Geotronics Consulting Inc.

ROADLINE.bin



Unit Electrode Spacing = 25.0 m.



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 28.55 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at -950.0 m.
Last electrode is located at 100.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 1
LIKELY AREA, CARIBOO MD, BC

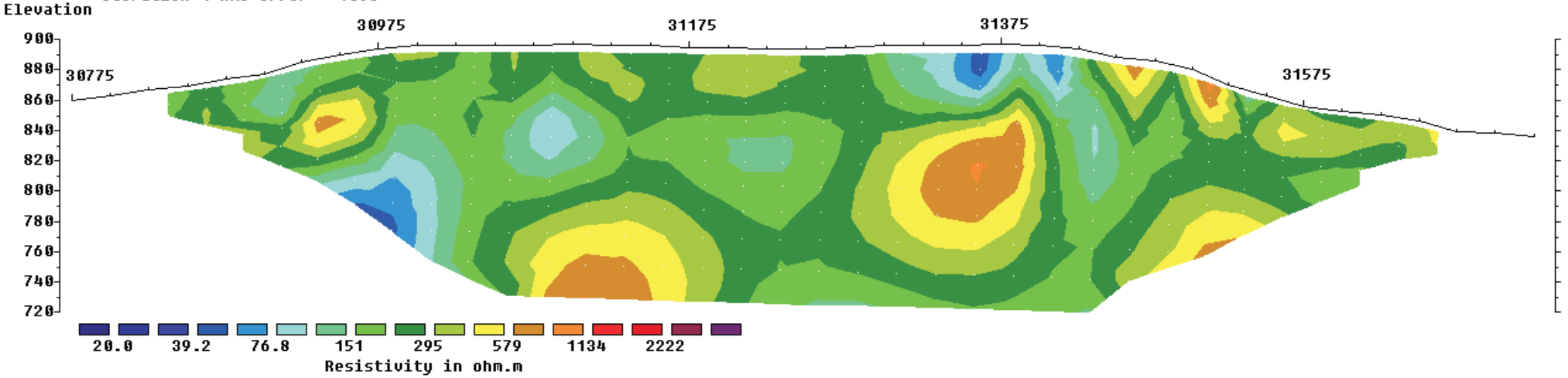
IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
L 99075E (Road Line)

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

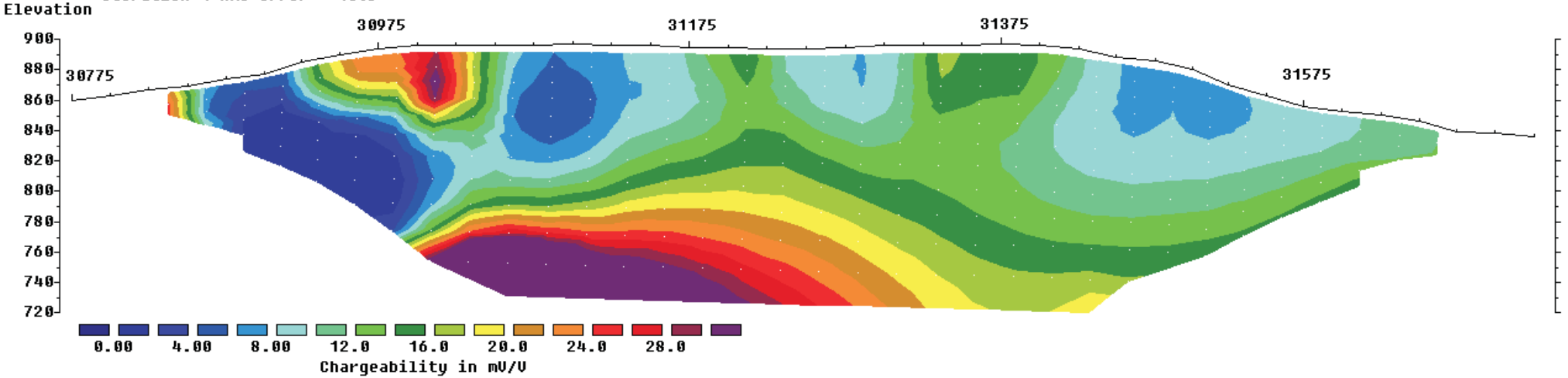
L99100E.bin

Model resistivity with topography
Iteration 4 RMS error = 10.0



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 4 RMS error = 16.5



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 31.55 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 30775.0 m.
Last electrode is located at 31725.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

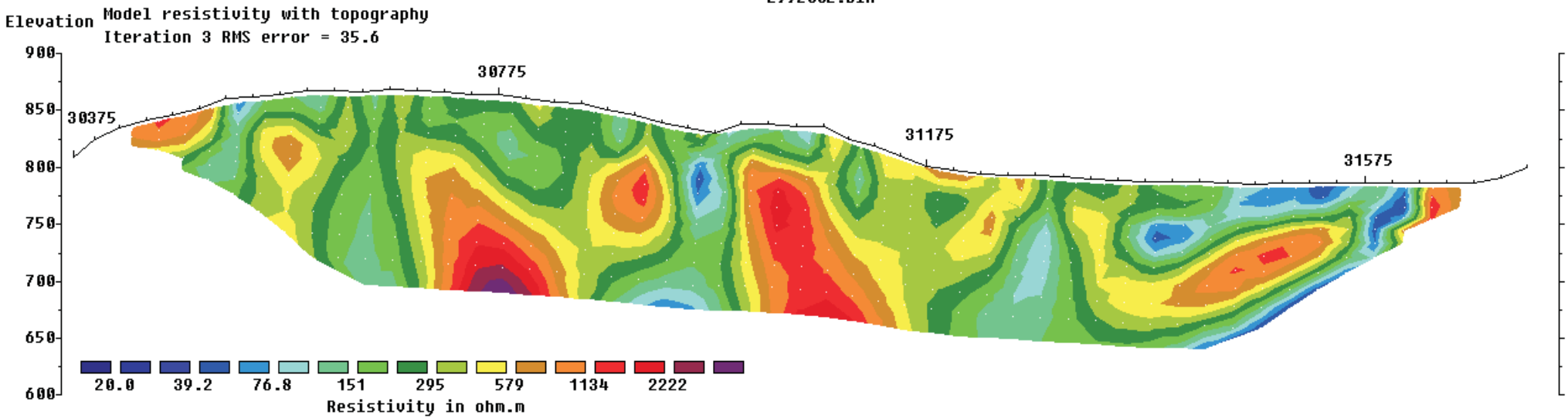
GOLD CREEK GRID 1
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 99100E

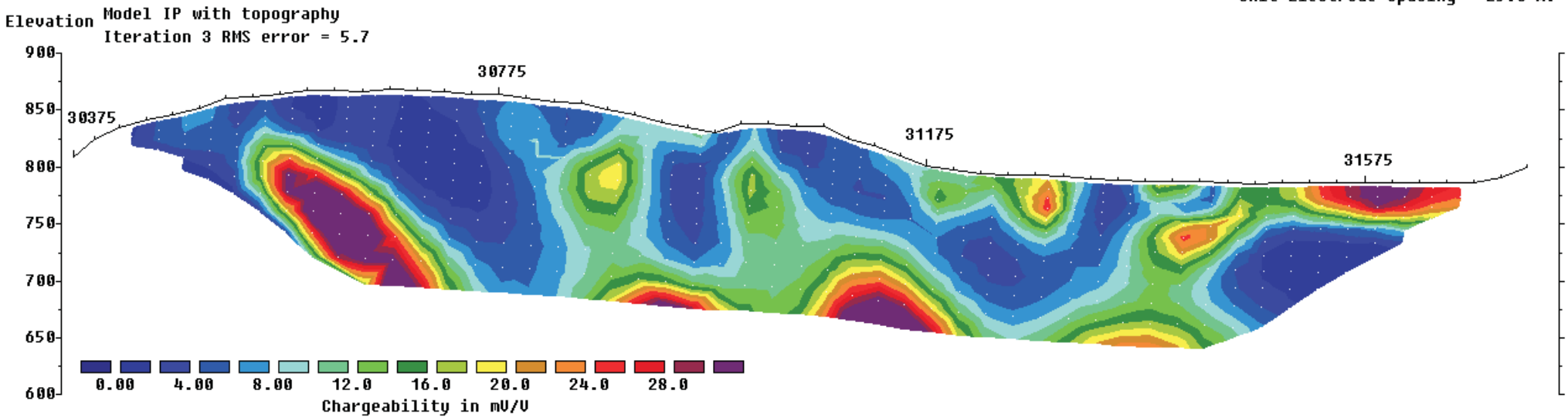
DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

L99200E.bin



Unit Electrode Spacing = 25.0 m.



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 22.20 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 30375.0 m.
Last electrode is located at 31725.0 m.

GEOTRONICS CONSULTING INC.
SURREY BC.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 1
LIKELY AREA, CARIBOO MD, BC

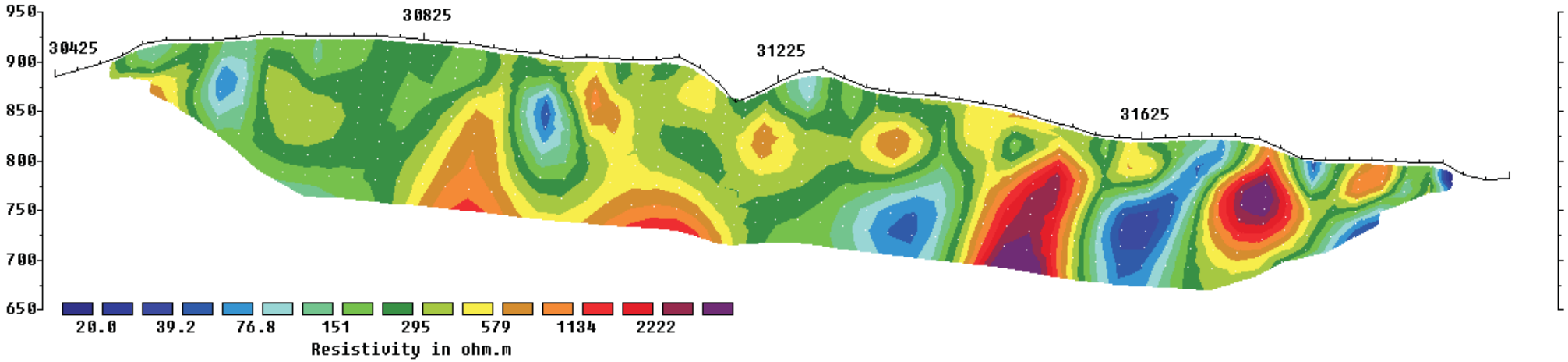
IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 99200E

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	1

L99300E.bin

Model resistivity with topography

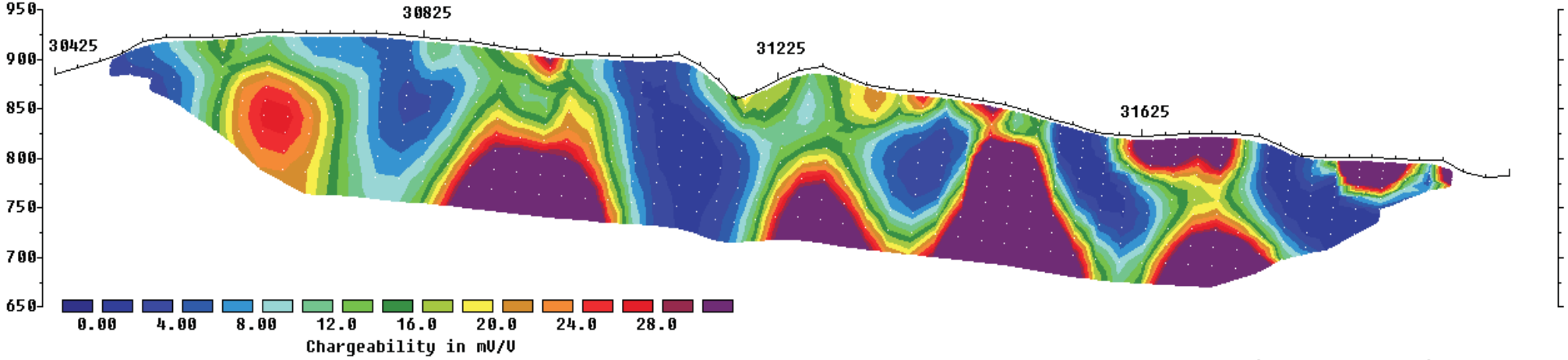
Elevation Iteration 3 RMS error = 44.9



Unit Electrode Spacing = 25.0 m.

Model IP with topography

Elevation Iteration 3 RMS error = 15.7



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 18.73 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 30425.0 m.
Last electrode is located at 32025.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 1

LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS

GEOTOMO INVERSION

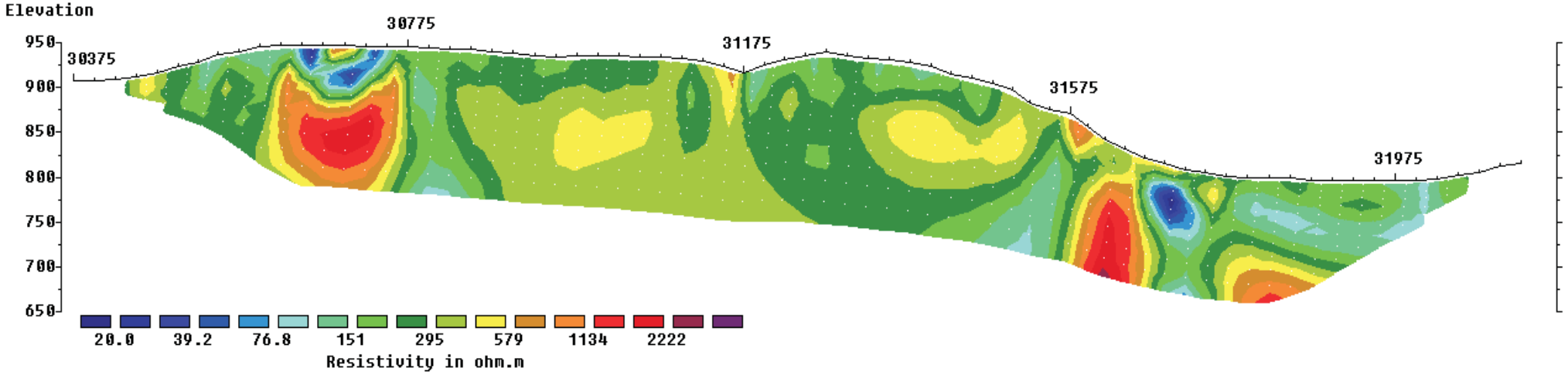
Line 99300E

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	2

GEOTRONICS CONSULTING INC.
SURREY BC.

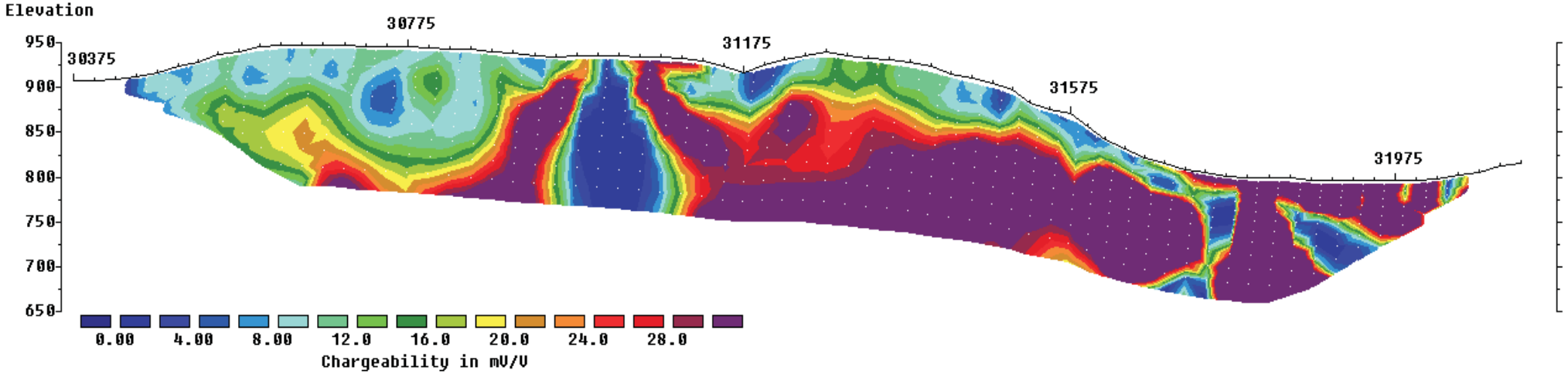
L99400e.bin

Model resistivity with topography
Iteration 4 RMS error = 21.2



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 4 RMS error = 7.8



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 17.13 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 30375.0 m.
Last electrode is located at 32125.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

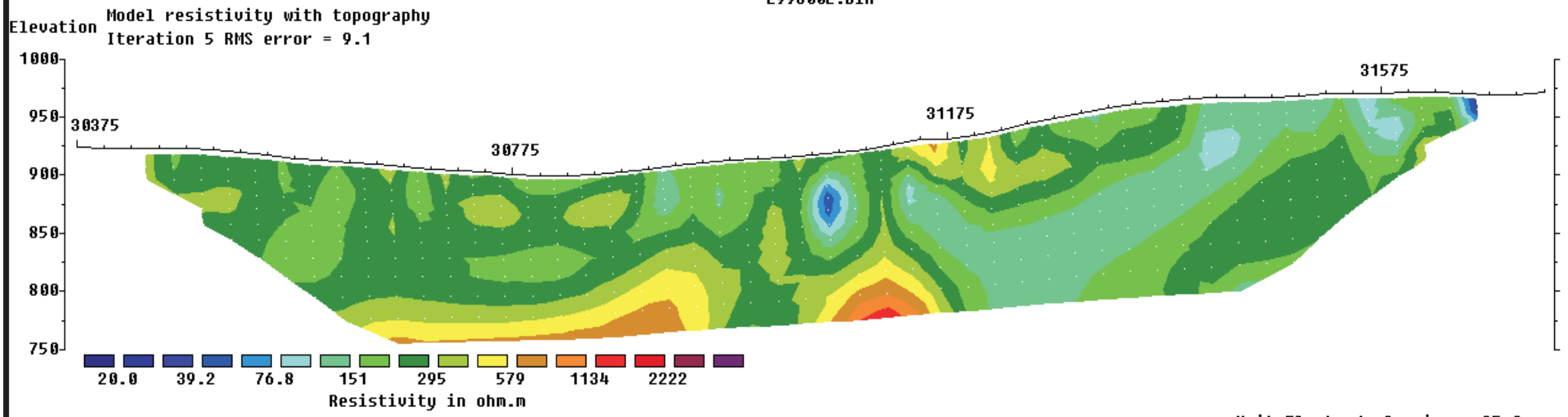
GOLD CREEK GRID 1
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 99400E

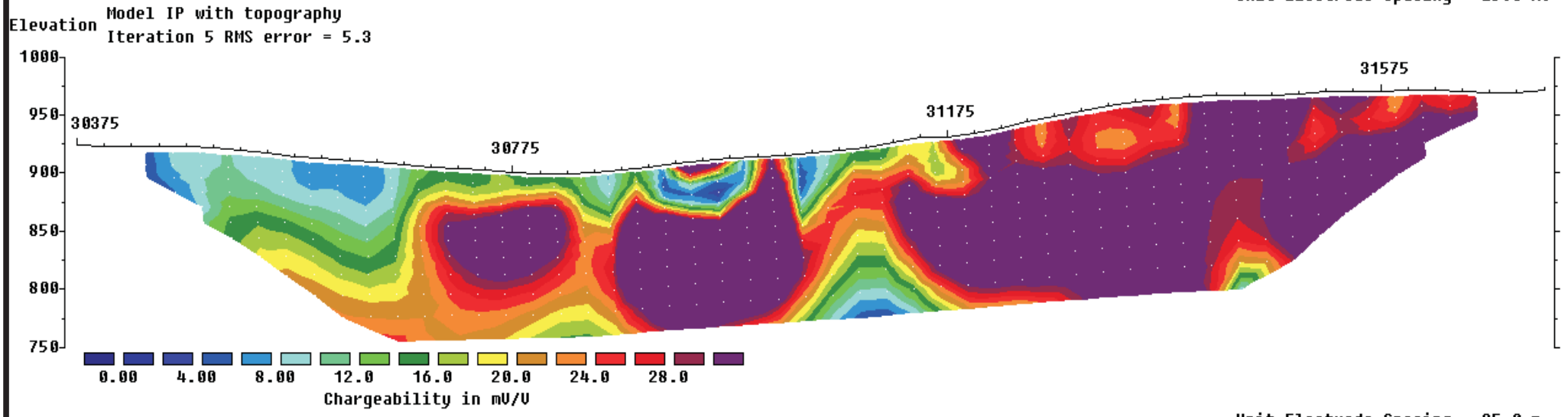
DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

L99600E.bin



Unit Electrode Spacing = 25.0 m.



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 22.20 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 30375.0 m.
Last electrode is located at 31725.0 m.

GEOTRONICS CONSULTING INC.
SURREY BC.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

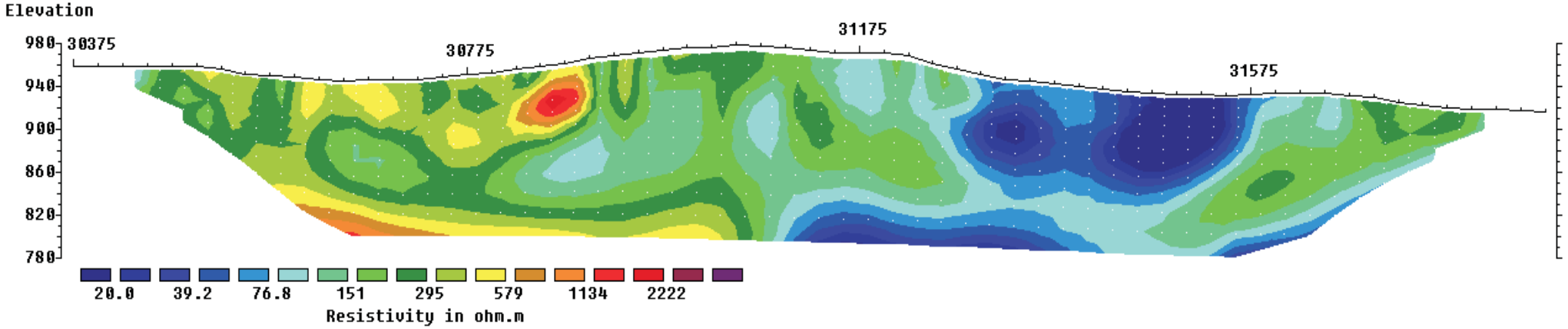
GOLD CREEK GRID 1
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 99600E

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	4

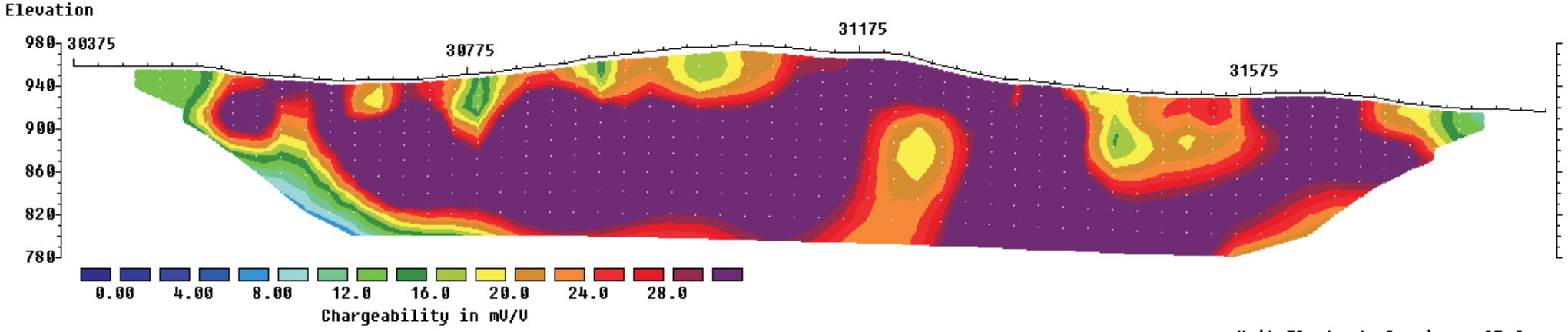
L99800E.bin

Model resistivity with topography
Iteration 4 RMS error = 8.6



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 4 RMS error = 4.0



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 19.98 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 30375.0 m.
Last electrode is located at 31875.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 1
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 99800E

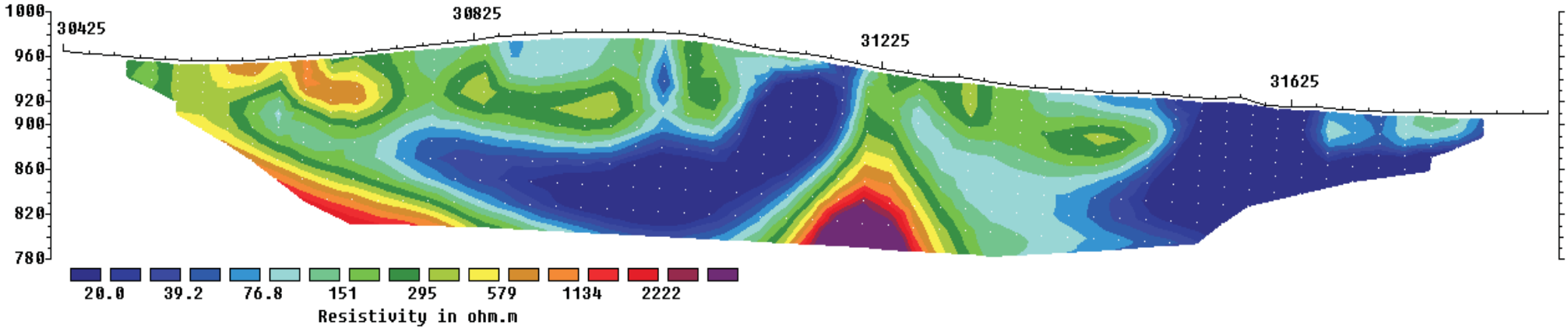
DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	5

GEOTRONICS CONSULTING INC.
SURREY BC.

L100000e.bin

Model resistivity with topography

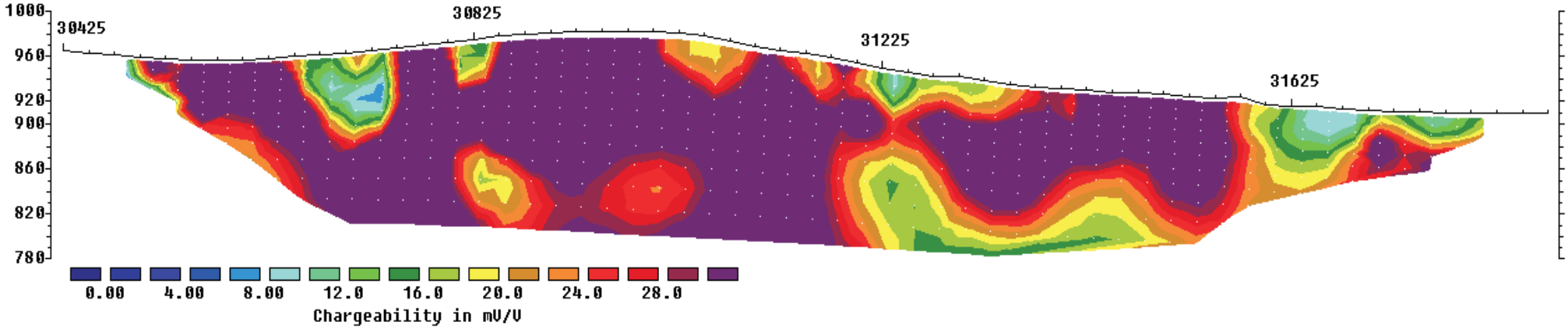
Elevation Iteration 6 RMS error = 34.7



Unit Electrode Spacing = 25.0 m.

Model IP with topography

Elevation Iteration 6 RMS error = 2.7



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 20.67 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 30425.0 m.
Last electrode is located at 31875.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 1
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 100000E

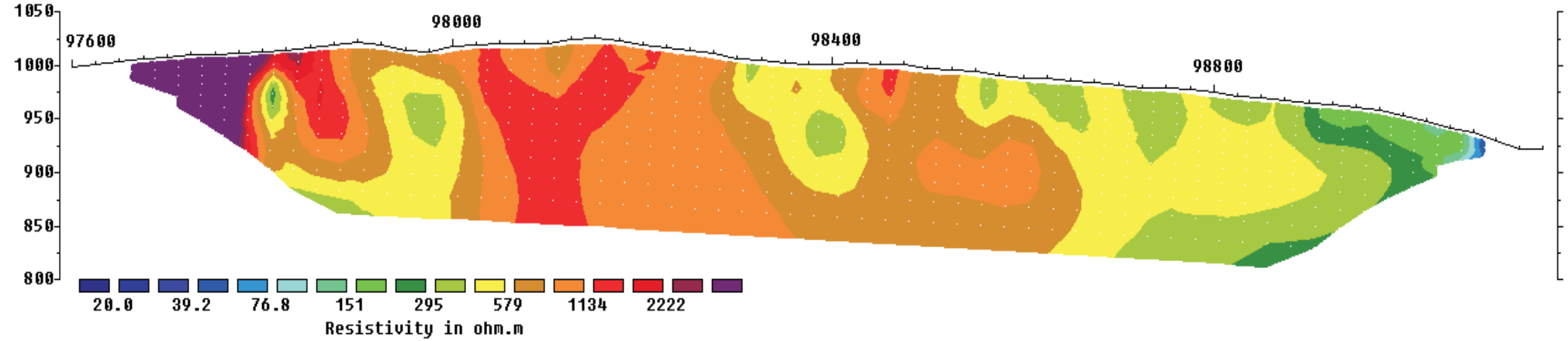
DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	5

GEOTRONICS CONSULTING INC.
SURREY BC.

L32000n.bin

Model resistivity with topography

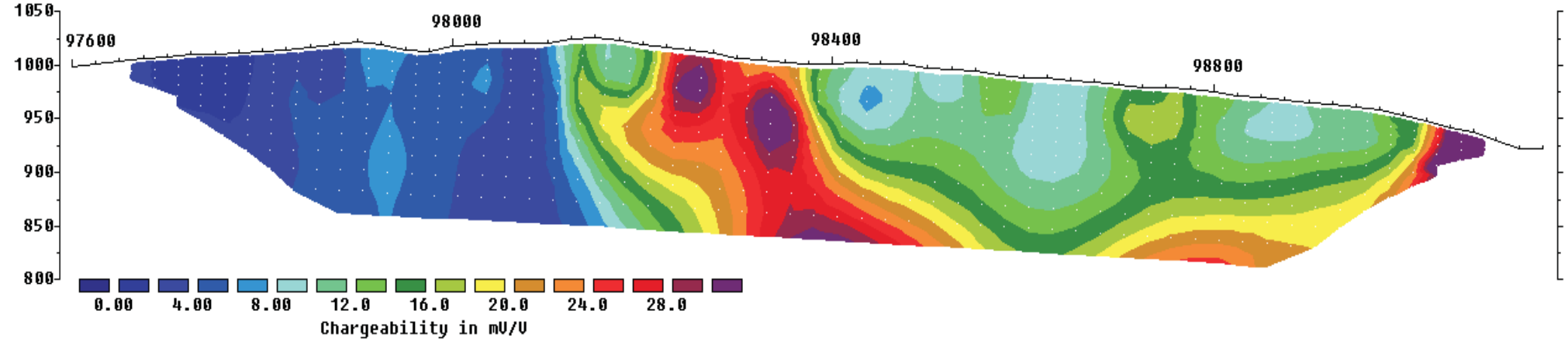
Elevation Iteration 3 RMS error = 27.6



Unit Electrode Spacing = 25.0 m.

Model IP with topography

Elevation Iteration 3 RMS error = 3.8



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 19.34 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 97600.0 m.
Last electrode is located at 99150.0 m.

GEOTRONICS CONSULTING INC.
SURREY BC.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 2
LIKELY AREA, CARIBOO MD, BC

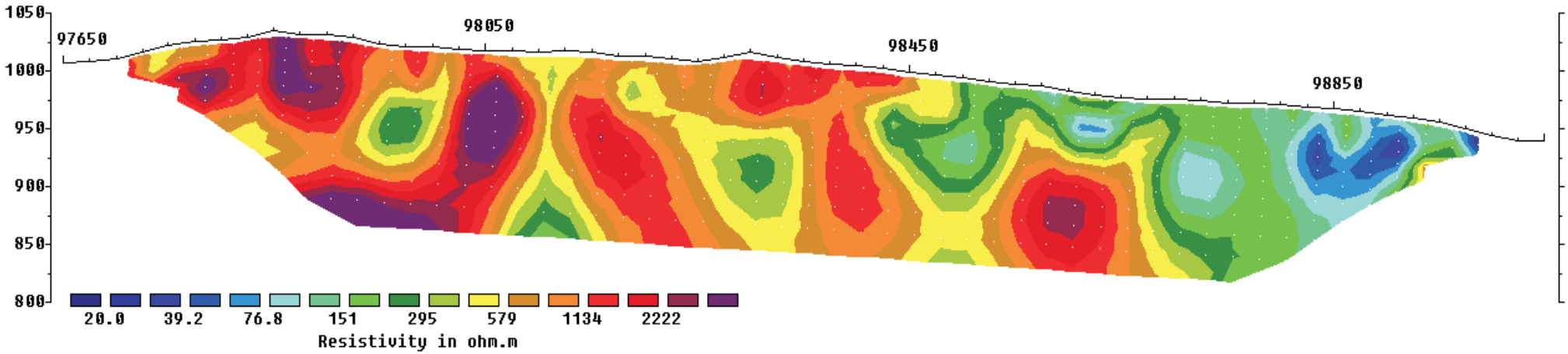
IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 32000N

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

L32200N.bin

Model resistivity with topography

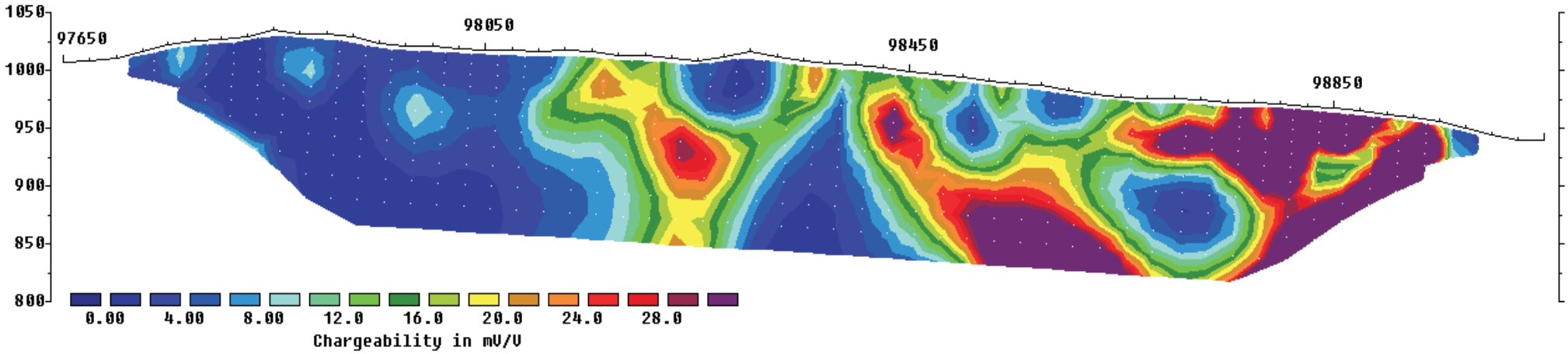
Elevation Iteration 4 RMS error = 30.1



Unit Electrode Spacing = 25.0 m.

Model IP with topography

Elevation Iteration 4 RMS error = 8.3



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 21.41 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 97650.0 m.
Last electrode is located at 99050.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 2

LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS

GEOTOMO INVERSION

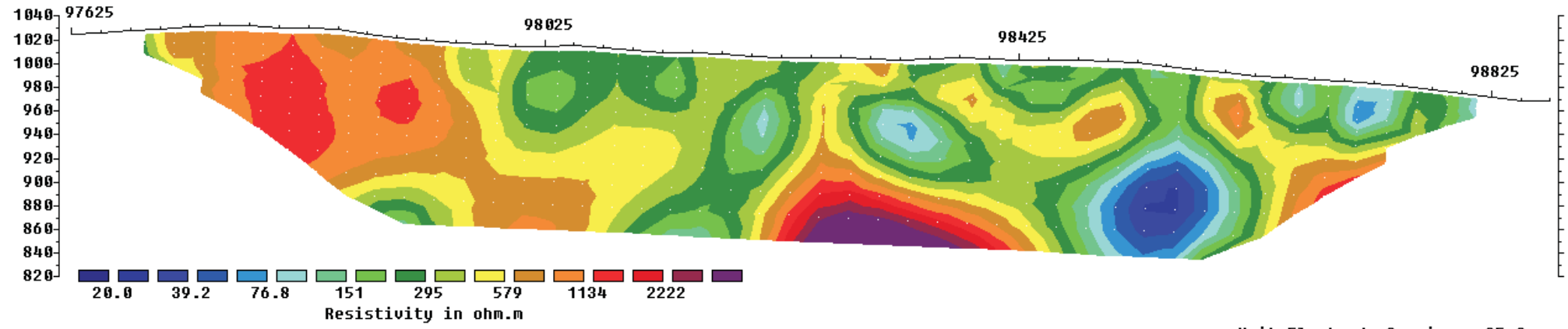
Line 32200N

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

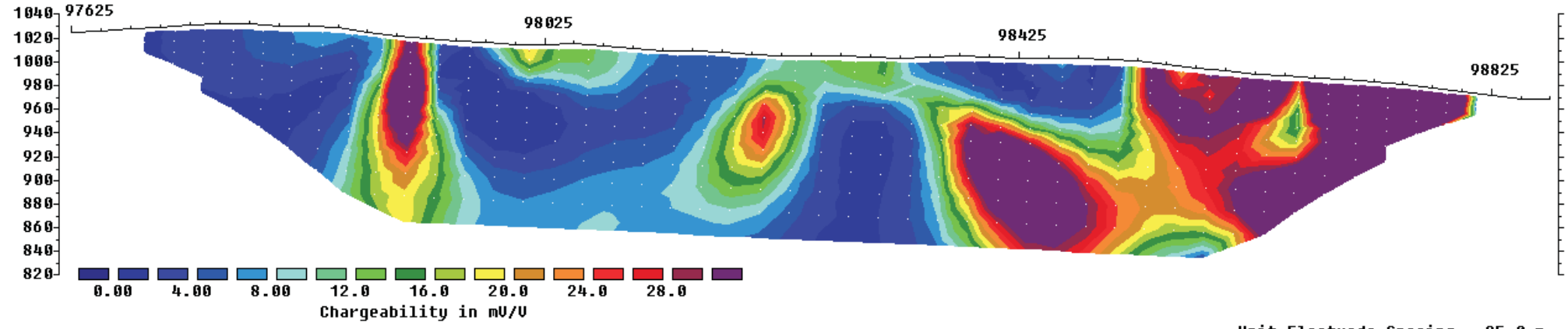
L32400N.bin

Model resistivity with topography
Iteration 3 RMS error = 22.6



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 3 RMS error = 17.3



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 23.98 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 97625.0 m.
Last electrode is located at 98875.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 2
LIKELY AREA, CARIBOO MD, BC

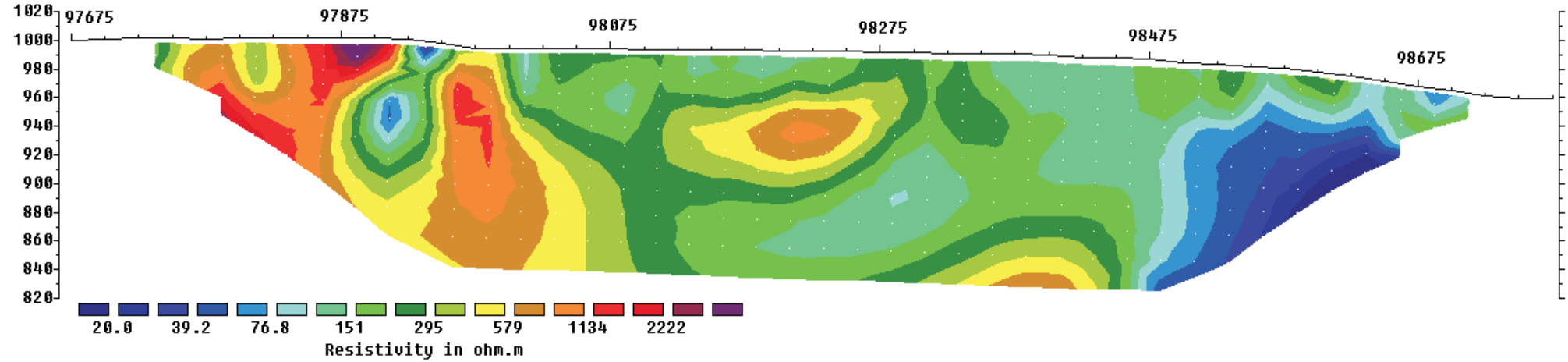
IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 32400N

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07		MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

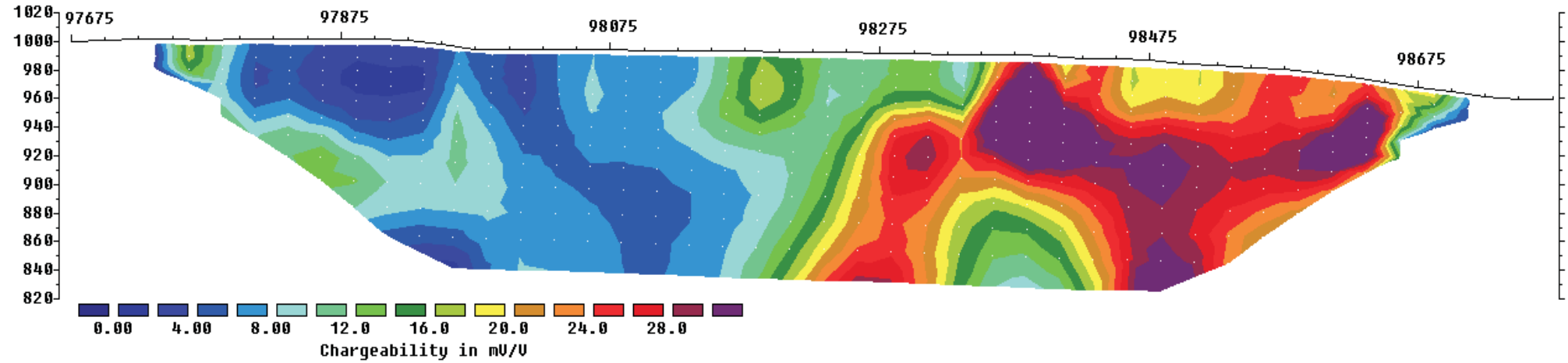
L32600N.bin

Model resistivity with topography
Iteration 5 RMS error = 13.3



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 5 RMS error = 3.6



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 27.25 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 97675.0 m.
Last electrode is located at 98775.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 2
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 32600N

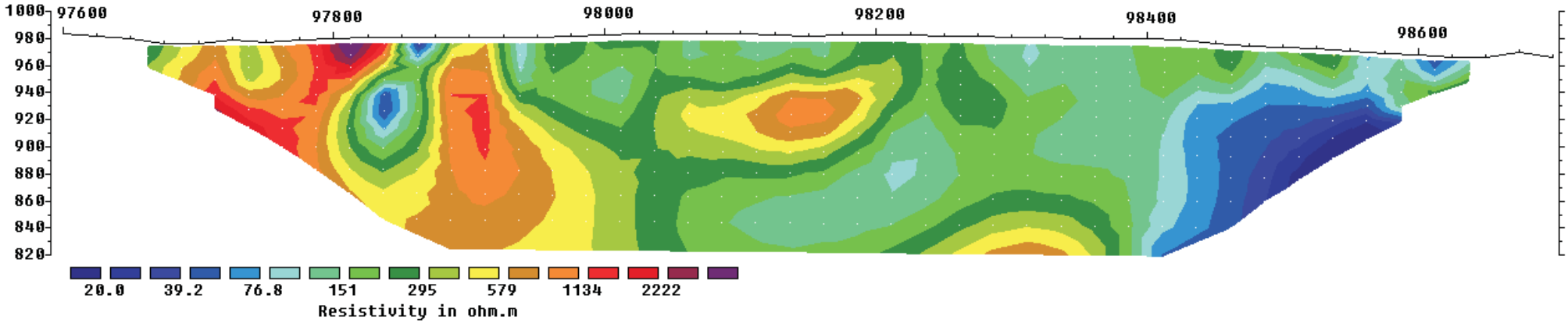
DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

L32800N.bin

Model resistivity with topography

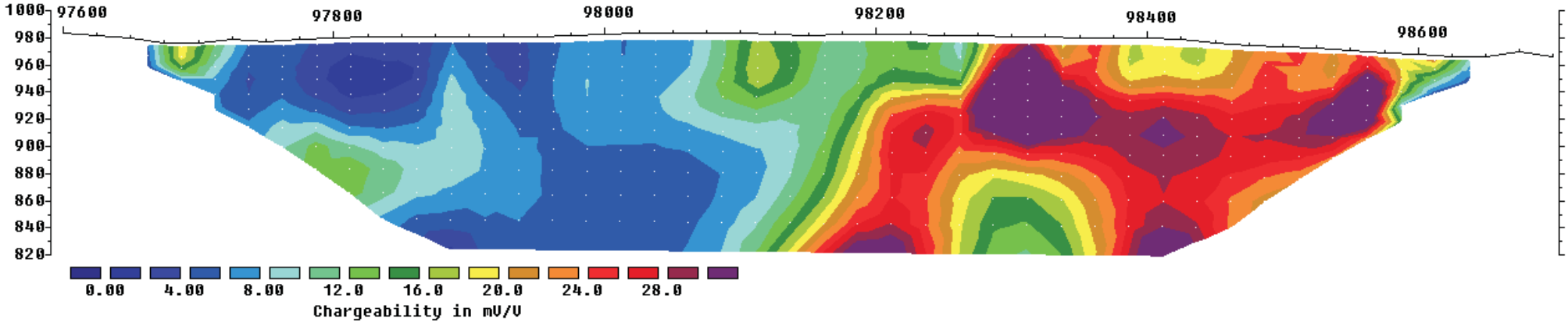
Elevation Iteration 4 RMS error = 14.3



Unit Electrode Spacing = 25.0 m.

Model IP with topography

Elevation Iteration 4 RMS error = 3.6



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 27.25 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 97600.0 m.
Last electrode is located at 98700.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 2

LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS

GEOTOMO INVERSION

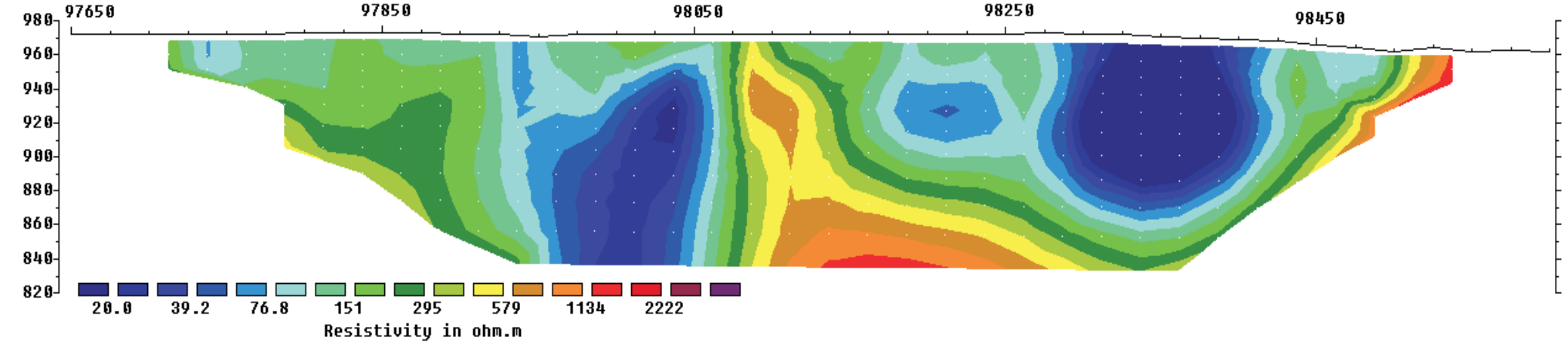
Line 32800N

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07		MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

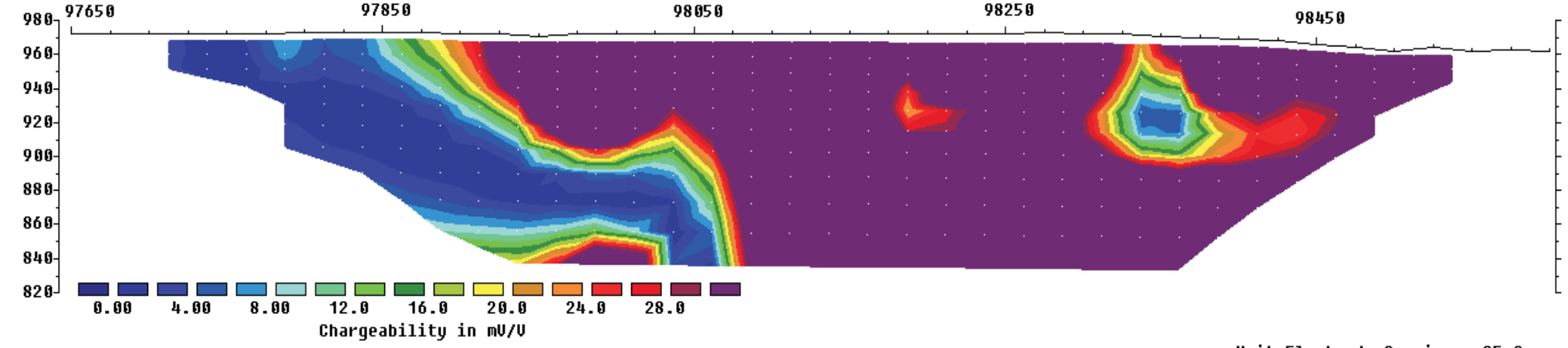
L33000N.bin

Model resistivity with topography
Iteration 3 RMS error = 60.5



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 3 RMS error = 39.6



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 31.55 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 97650.0 m.
Last electrode is located at 98600.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

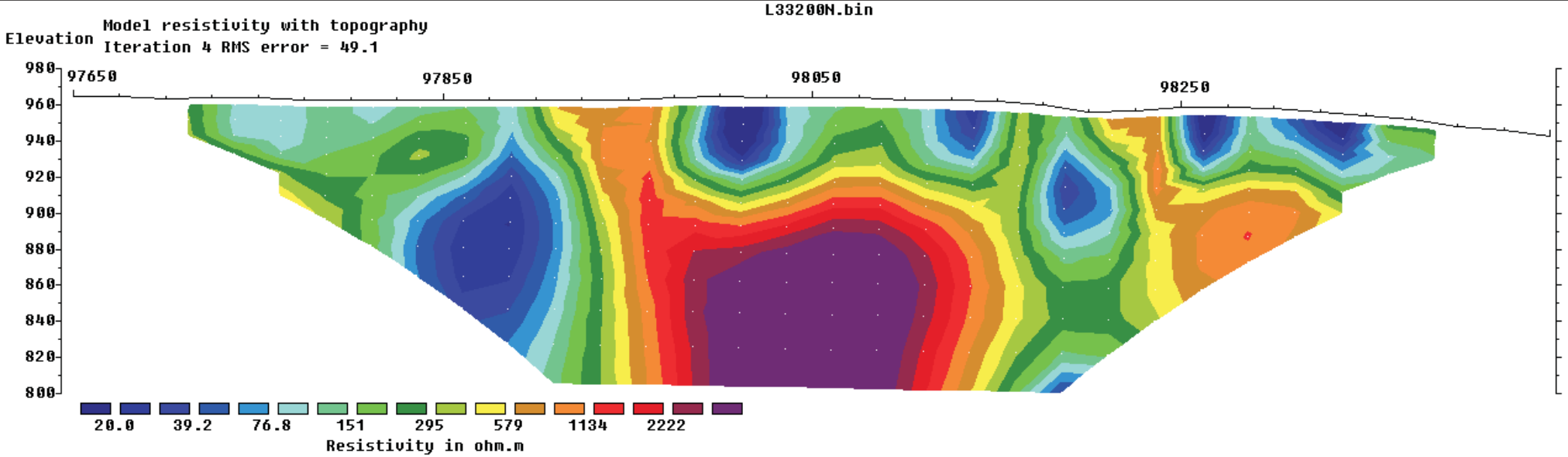
GOLD CREEK GRID 2
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 33000N

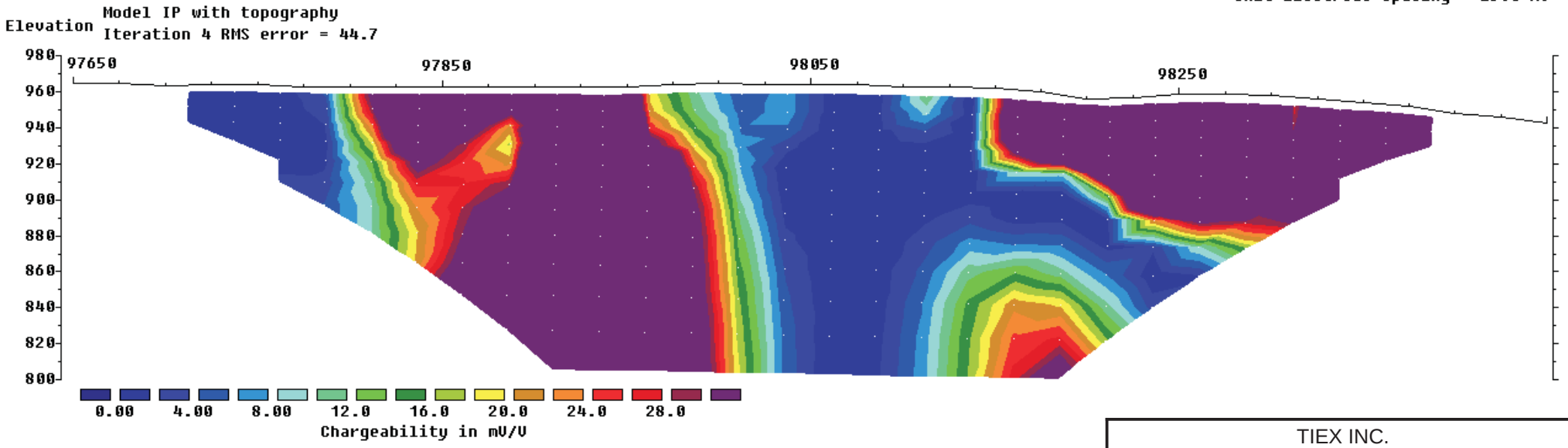
DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

L33200N.bin



Unit Electrode Spacing = 25.0 m.



Horizontal scale is 37.47 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 97650.0 m.
Last electrode is located at 98450.0 m.

GEOTRONICS CONSULTING INC.
SURREY BC.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

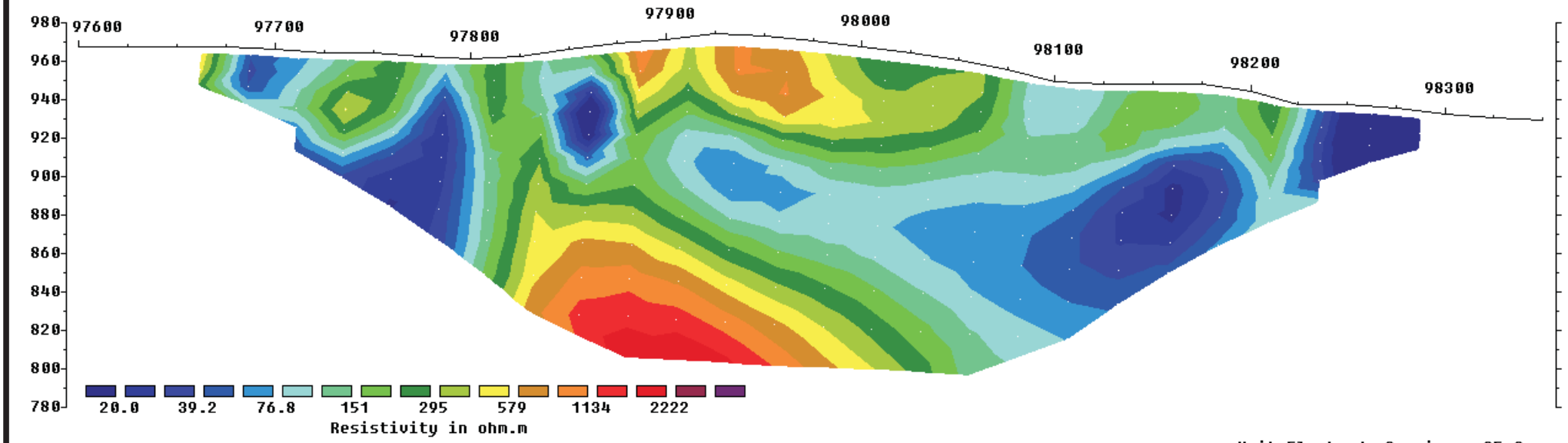
GOLD CREEK GRID 2
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 33200N

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

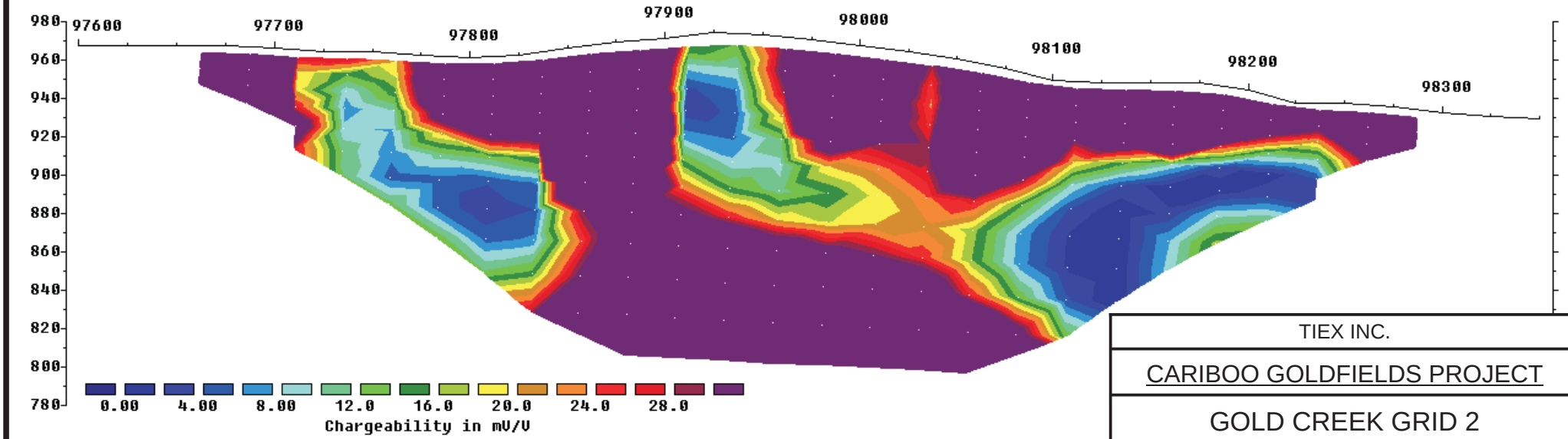
L33400N.bin

Model resistivity with topography
Iteration 3 RMS error = 48.3



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 3 RMS error = 31.1



Horizontal scale is 39.97 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 97600.0 m.
Last electrode is located at 98350.0 m.

GEOTRONICS CONSULTING INC.
SURREY BC.

TIEX INC.

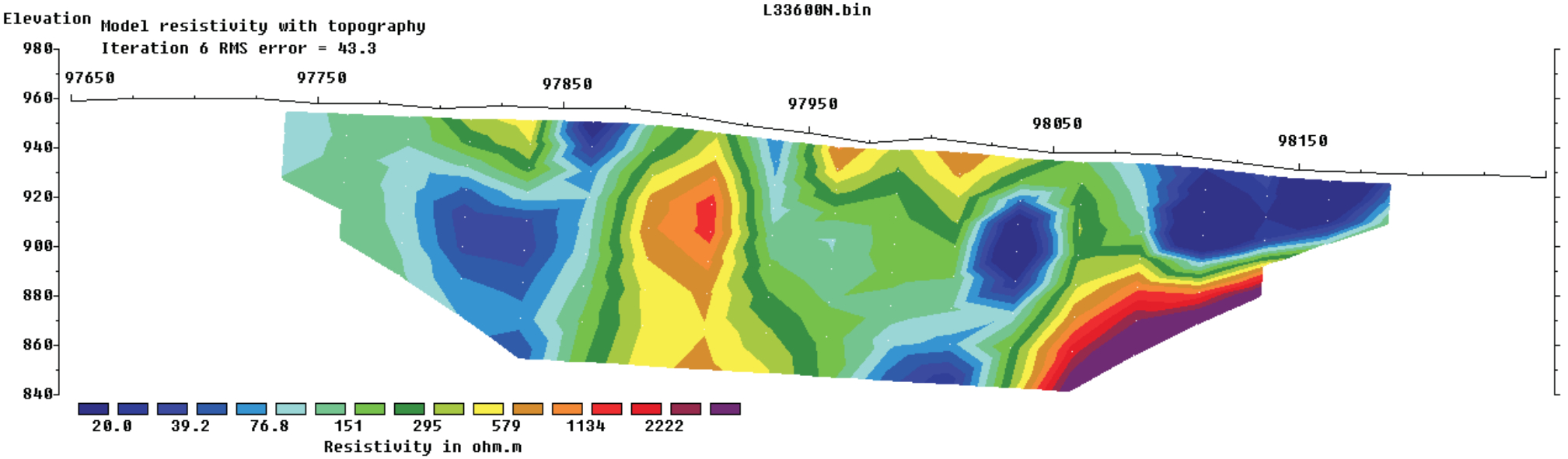
CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 2
LIKELY AREA, CARIBOO MD, BC

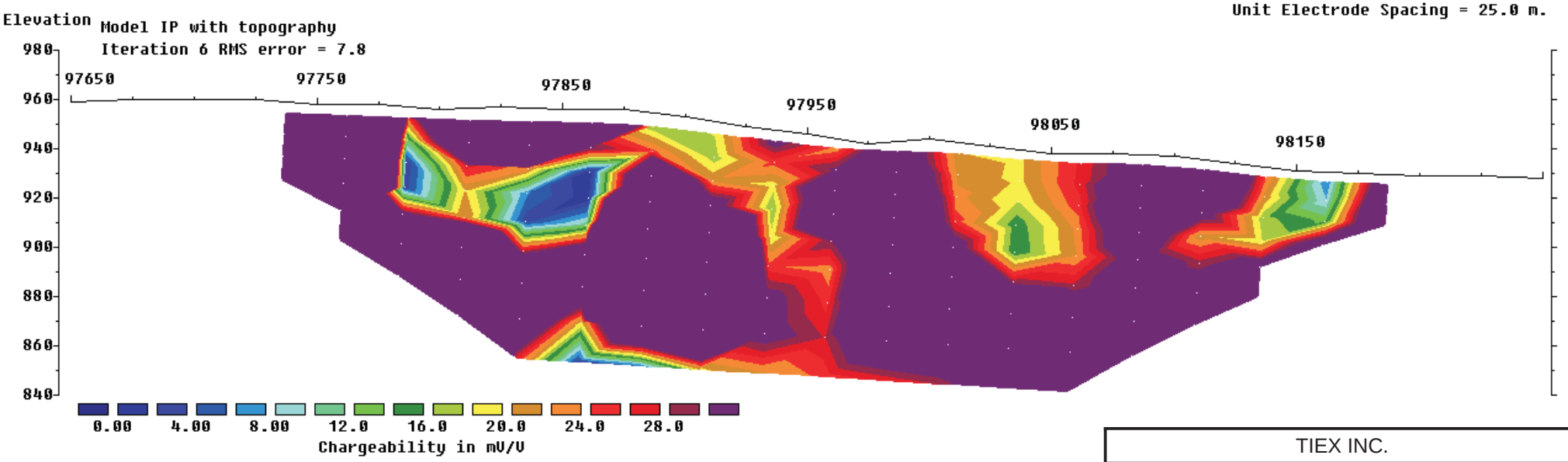
IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 33400N

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07		MAY 08	3

L33600N.bin



Unit Electrode Spacing = 25.0 m.



Horizontal scale is 49.96 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 97650.0 m.
Last electrode is located at 98250.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 2
LIKELY AREA, CARIBOO MD, BC

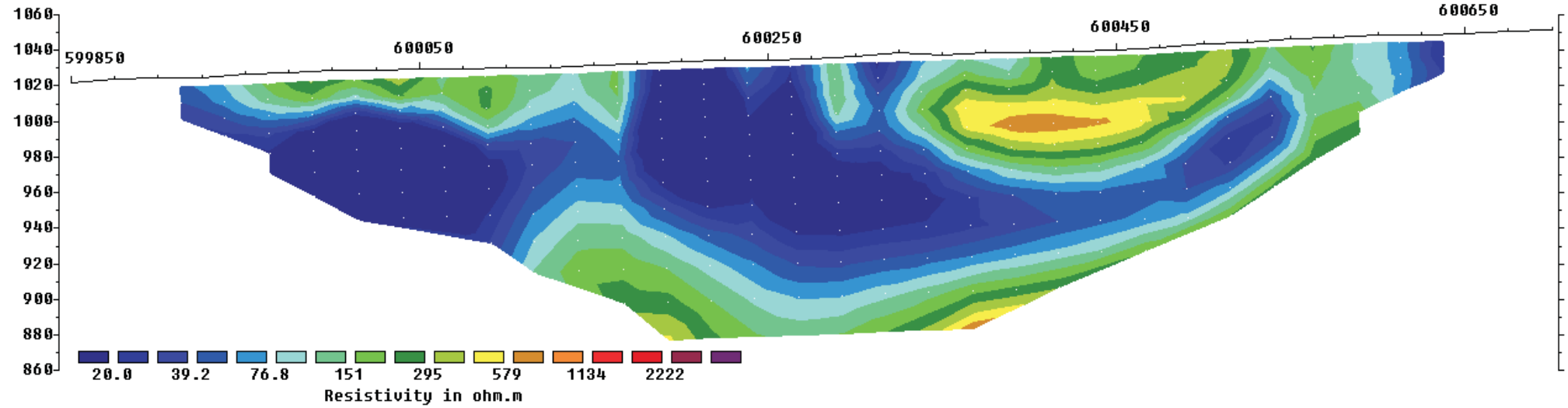
IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 33600N

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07		MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

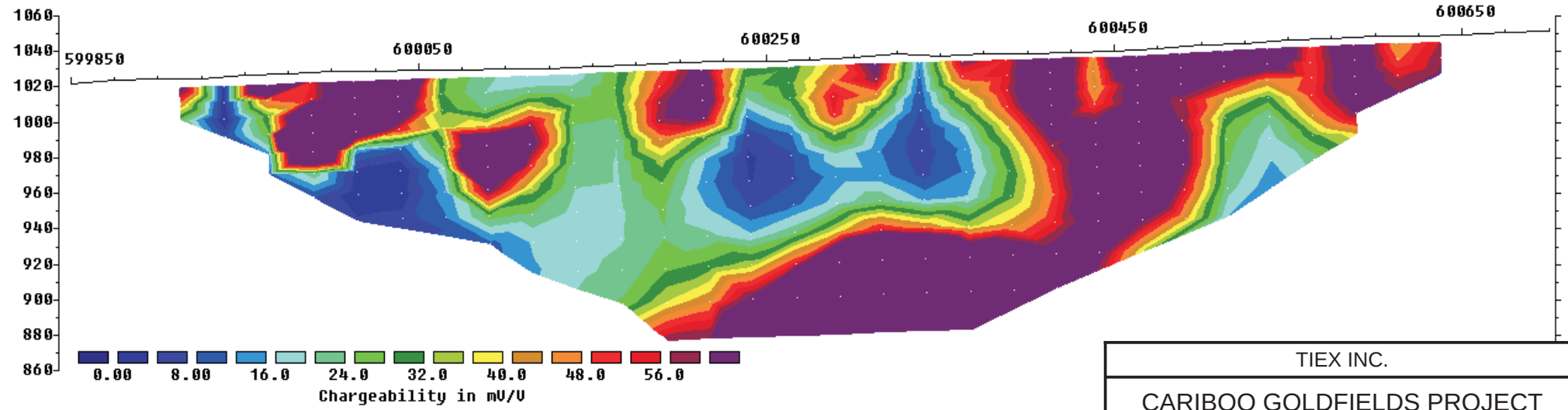
L32200GRID2.bin

Model resistivity with topography
Iteration 8 RMS error = 28.8



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 8 RMS error = 17.5



Horizontal scale is 35.26 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 599850.0 m.
Last electrode is located at 600700.0 m.

GEOTRONICS CONSULTING INC.
SURREY BC.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

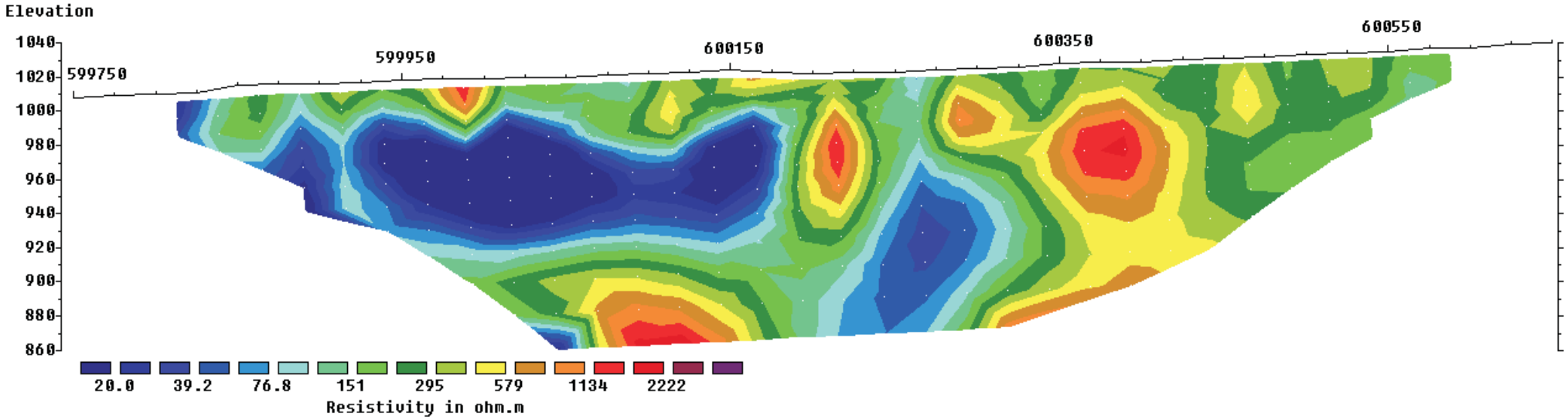
GOLD CREEK GRID 3
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 32200N

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

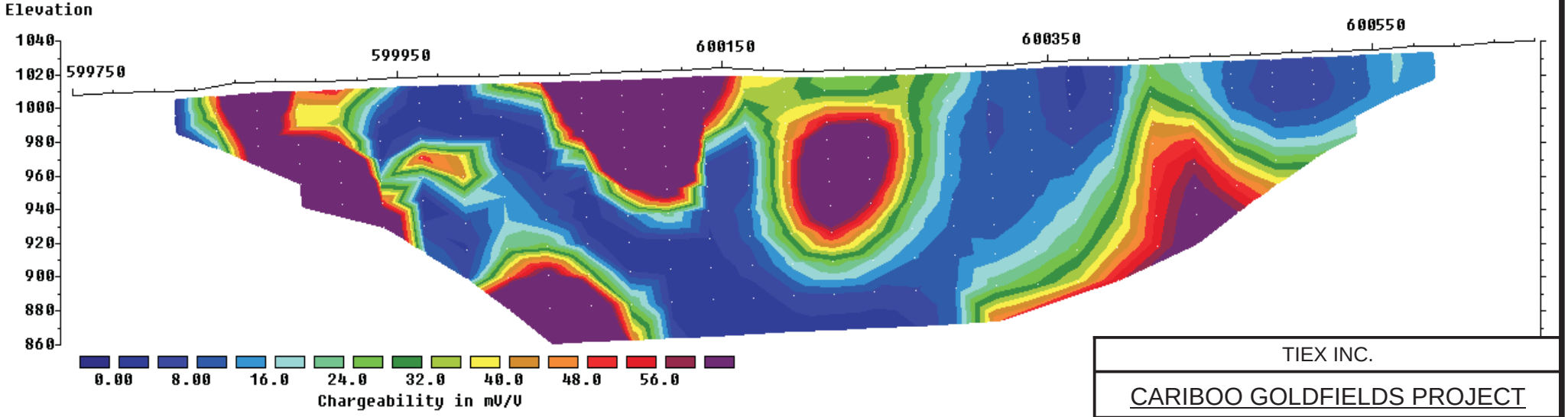
L32400GRID2.bin

Model resistivity with topography
Iteration 4 RMS error = 36.5



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 4 RMS error = 54.5



Horizontal scale is 33.31 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 599750.0 m.
Last electrode is located at 600650.0 m.

GEOTRONICS CONSULTING INC.
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CARIBOO GOLDFIELDS PROJECT

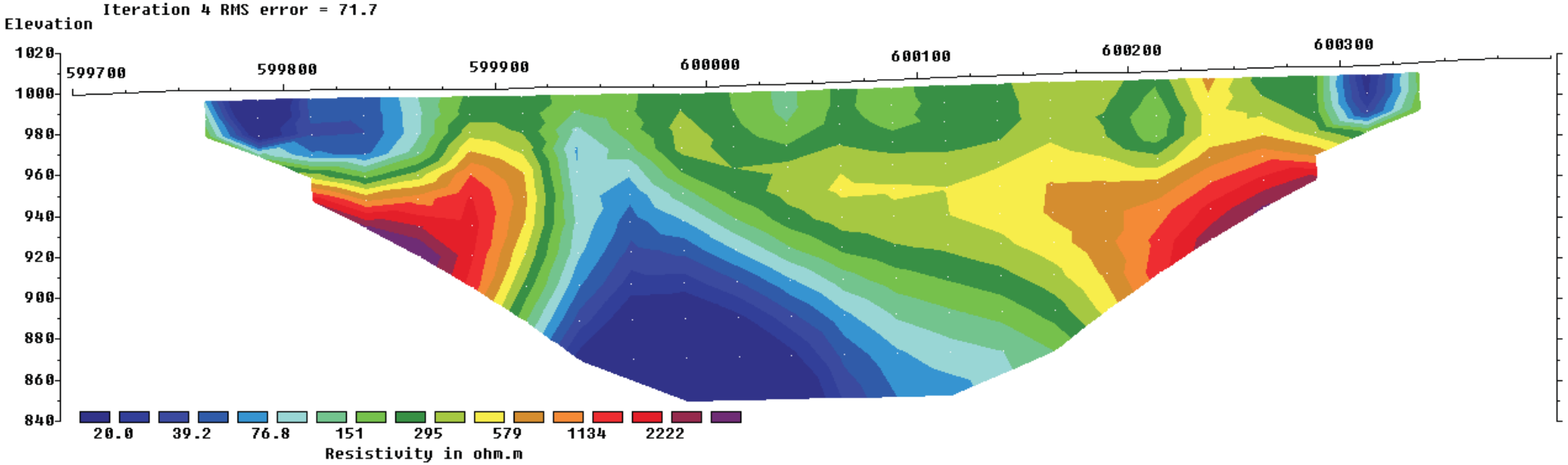
GOLD CREEK GRID 3
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 32400N

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/ 12	MAY 08	3

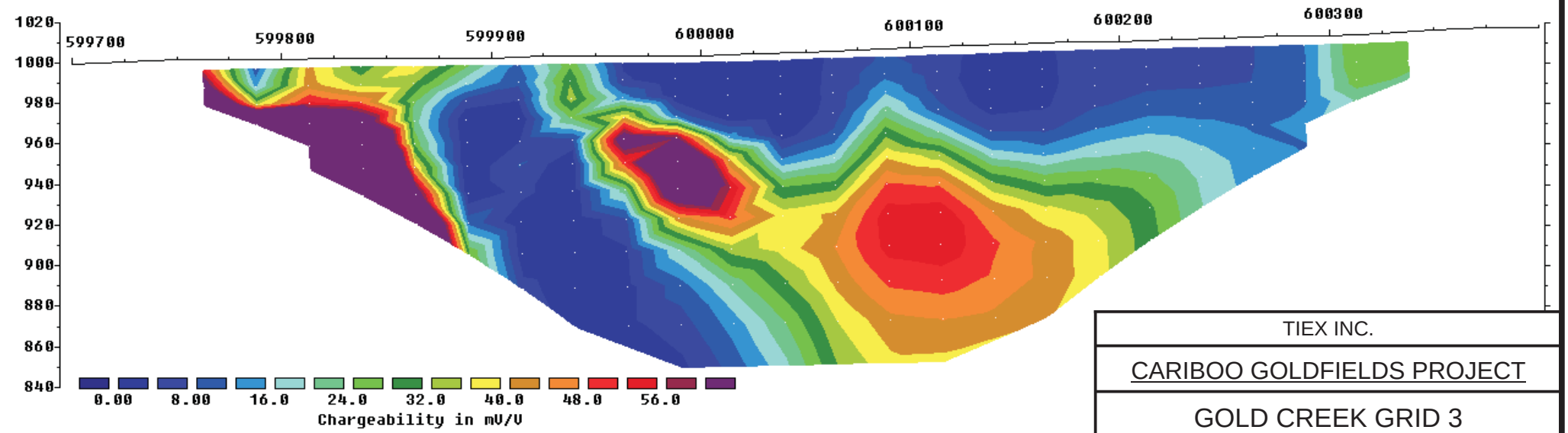
L32600GRID2.bin

Model resistivity with topography
Iteration 4 RMS error = 71.7



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 4 RMS error = 9.7



Horizontal scale is 42.82 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 599700.0 m.
Last electrode is located at 600400.0 m.

GEOTRONICS CONSULTING INC.
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CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 3
LIKELY AREA, CARIBOO MD, BC

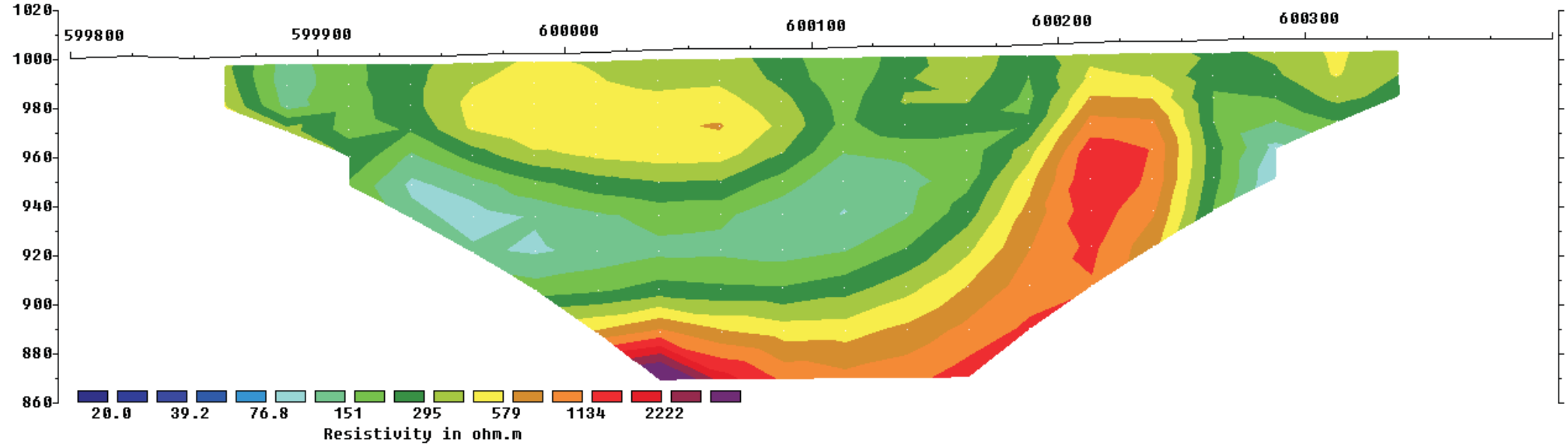
IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 32600N

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

L32800GRID2.bin

Elevation

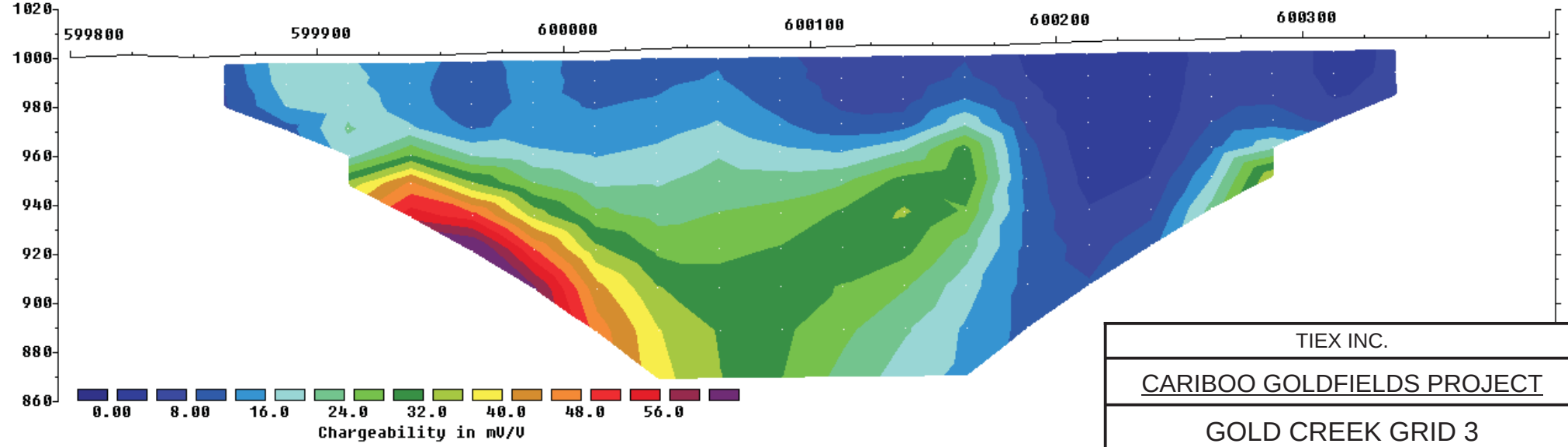
Model resistivity with topography
Iteration 3 RMS error = 53.2



Unit Electrode Spacing = 25.0 m.

Elevation

Model IP with topography
Iteration 3 RMS error = 6.8



Horizontal scale is 49.96 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 599800.0 m.
Last electrode is located at 600400.0 m.

GEOTRONICS CONSULTING INC.
SURREY BC.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

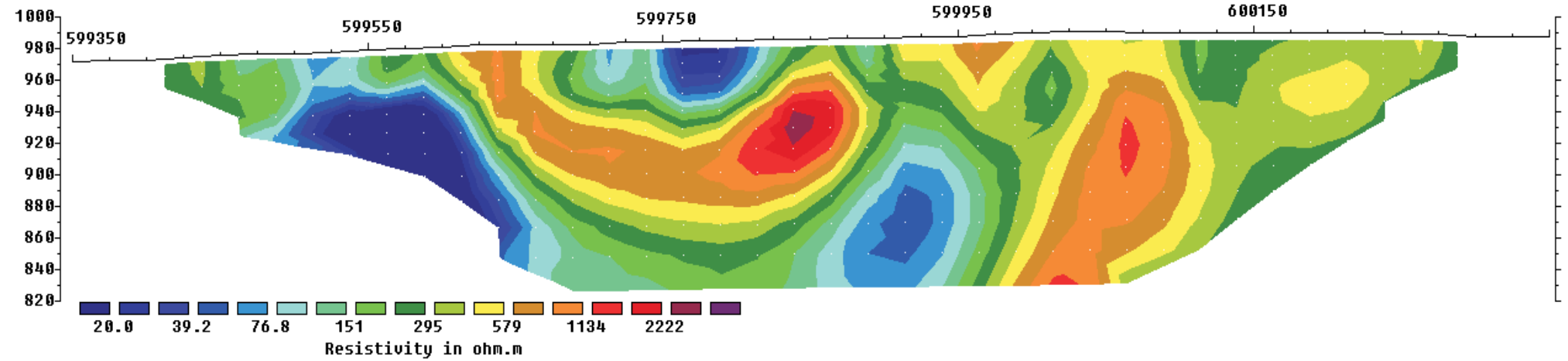
GOLD CREEK GRID 3
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 32800N

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

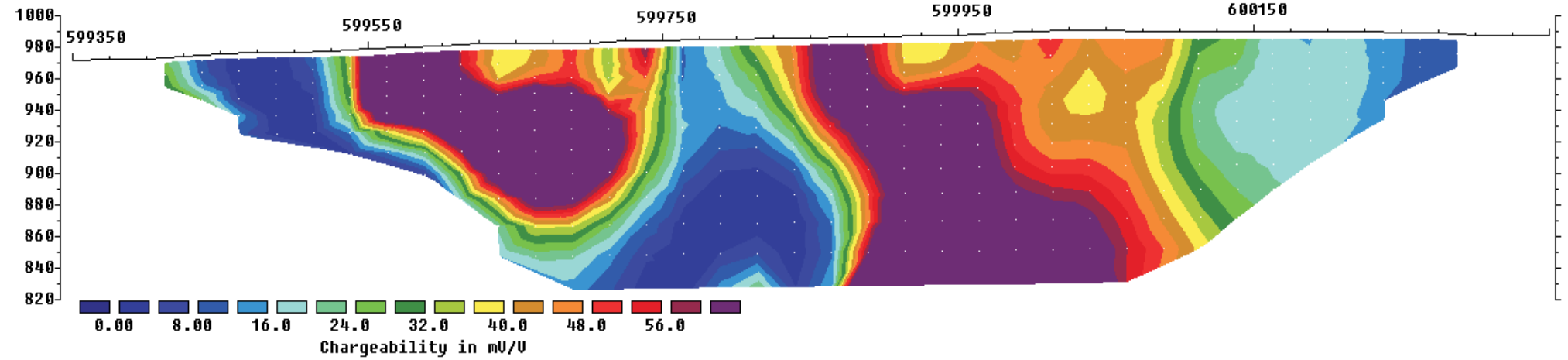
L33000NGRID3.bin

Model resistivity with topography
Iteration 3 RMS error = 68.5



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 3 RMS error = 36.0



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 29.98 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 599350.0 m.
Last electrode is located at 600350.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

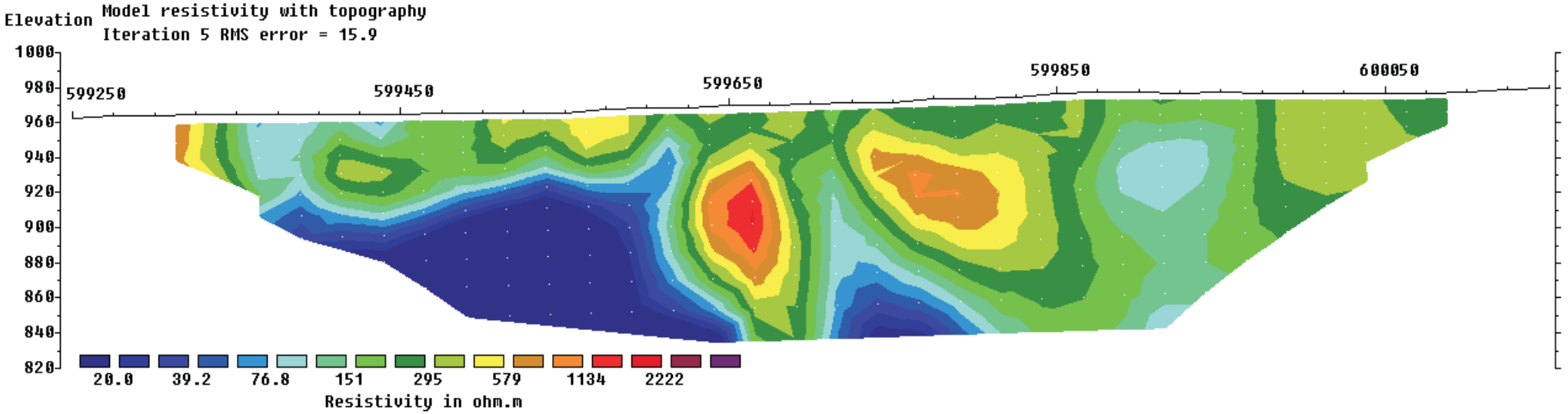
GOLD CREEK GRID 3
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 33000N

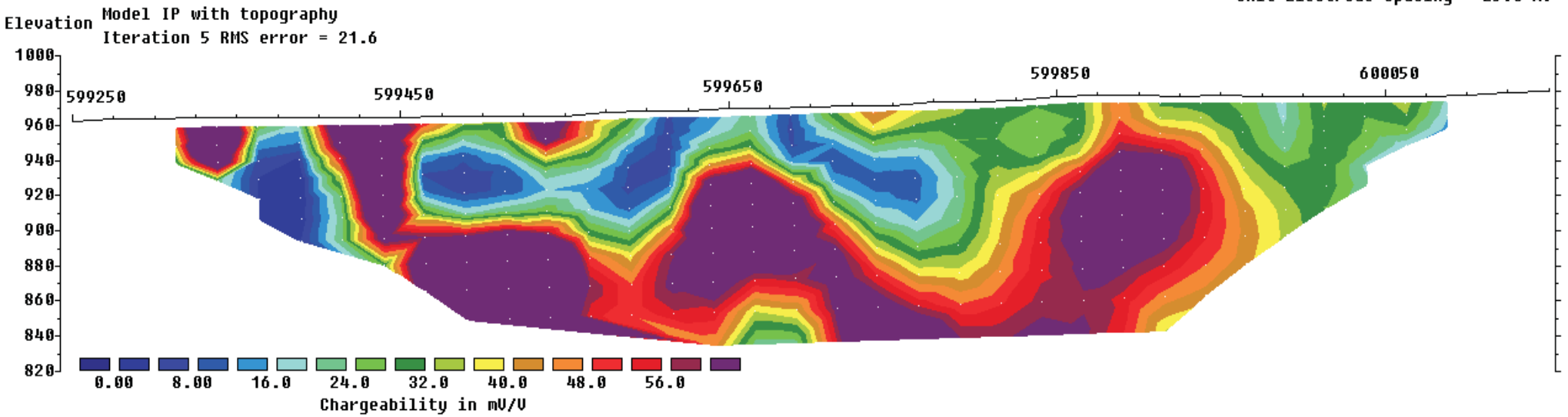
DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

L33200NGRID3.bin



Unit Electrode Spacing = 25.0 m.



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 33.31 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 599250.0 m.
Last electrode is located at 600150.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 3
LIKELY AREA, CARIBOO MD, BC

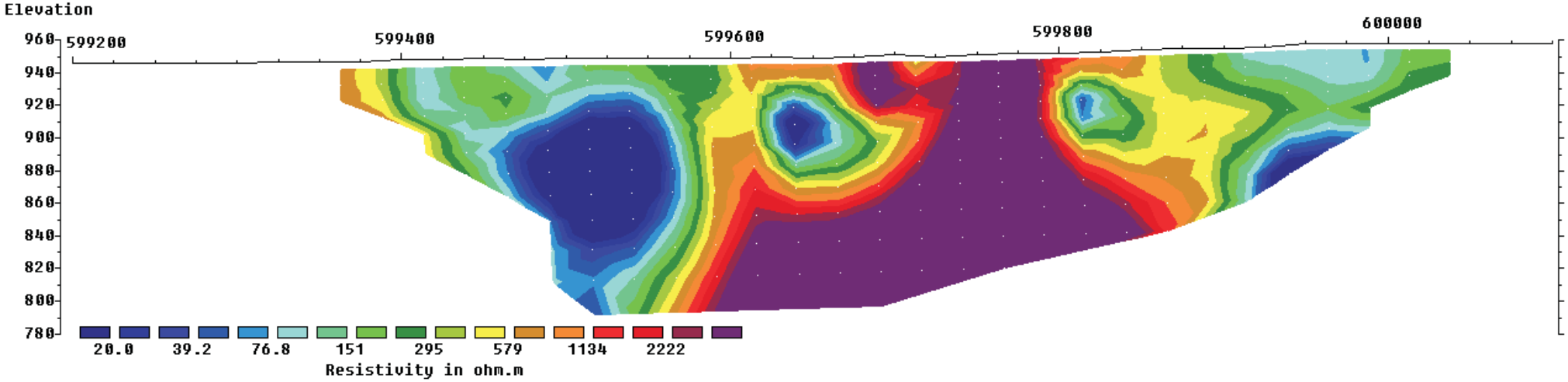
IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 33200N

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

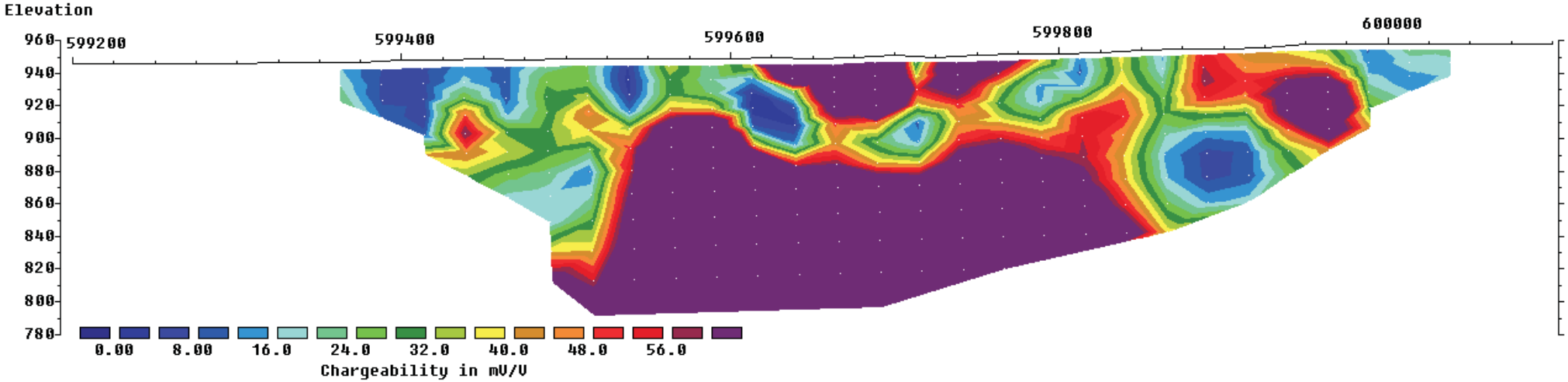
L33400NGRID3.bin

Model resistivity with topography
Iteration 7 RMS error = 77.5



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 7 RMS error = 9.1



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 33.31 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 599200.0 m.
Last electrode is located at 600100.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

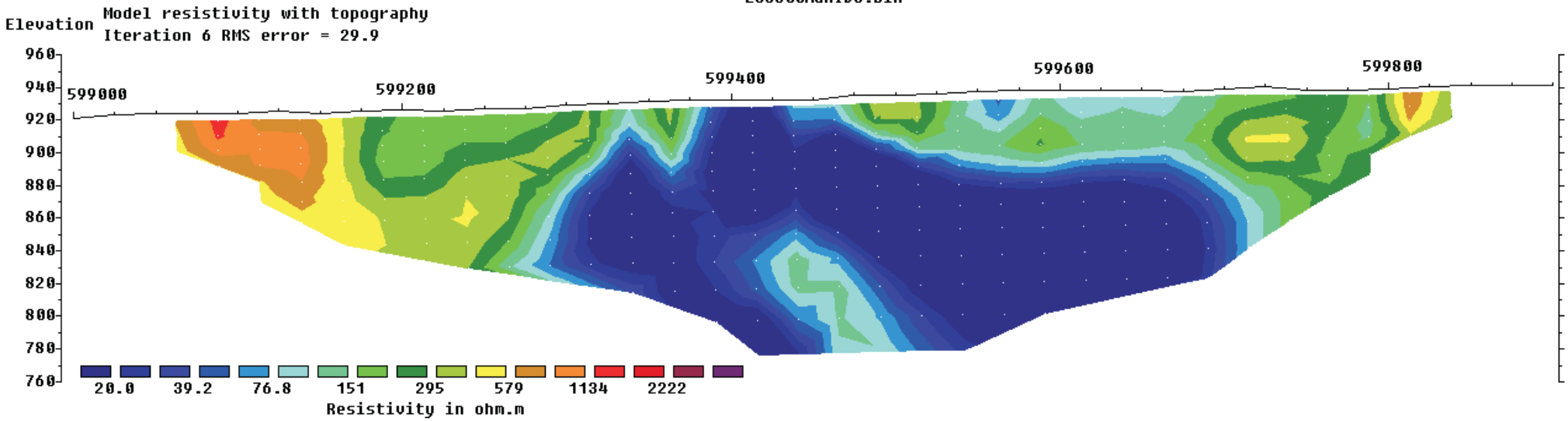
GOLD CREEK GRID 3
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 33400N

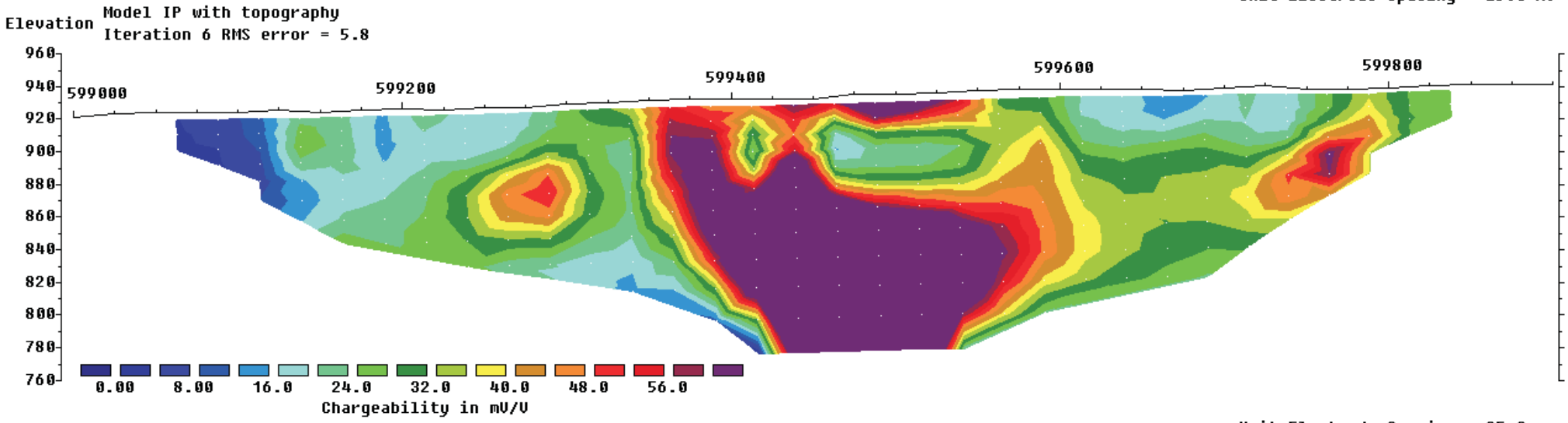
DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

L33600NGRID3.bin



Unit Electrode Spacing = 25.0 m.



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 33.31 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 599000.0 m.
Last electrode is located at 599900.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 3
LIKELY AREA, CARIBOO MD, BC

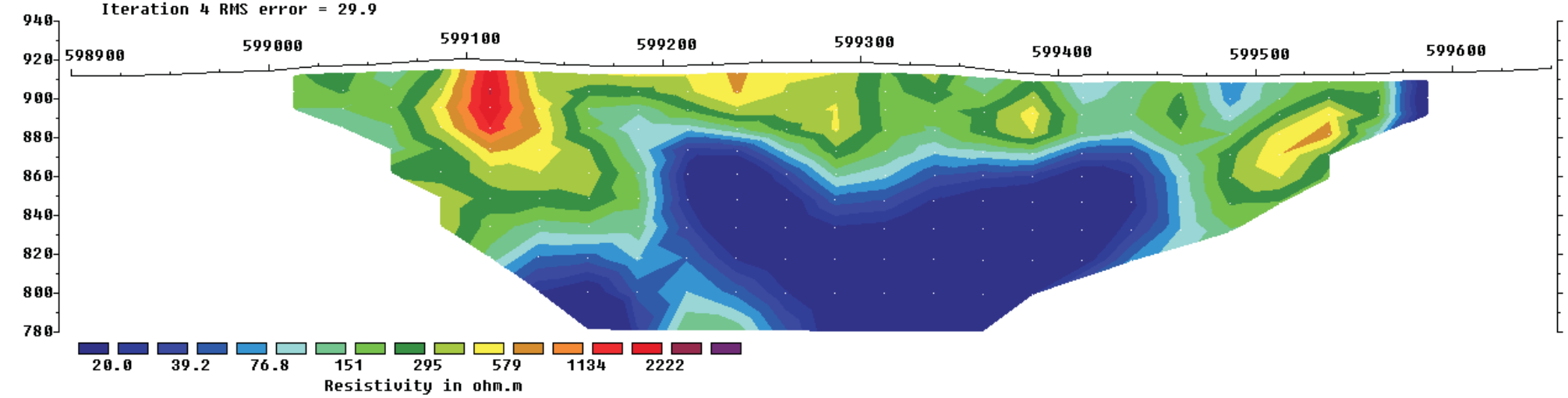
IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 33600N

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

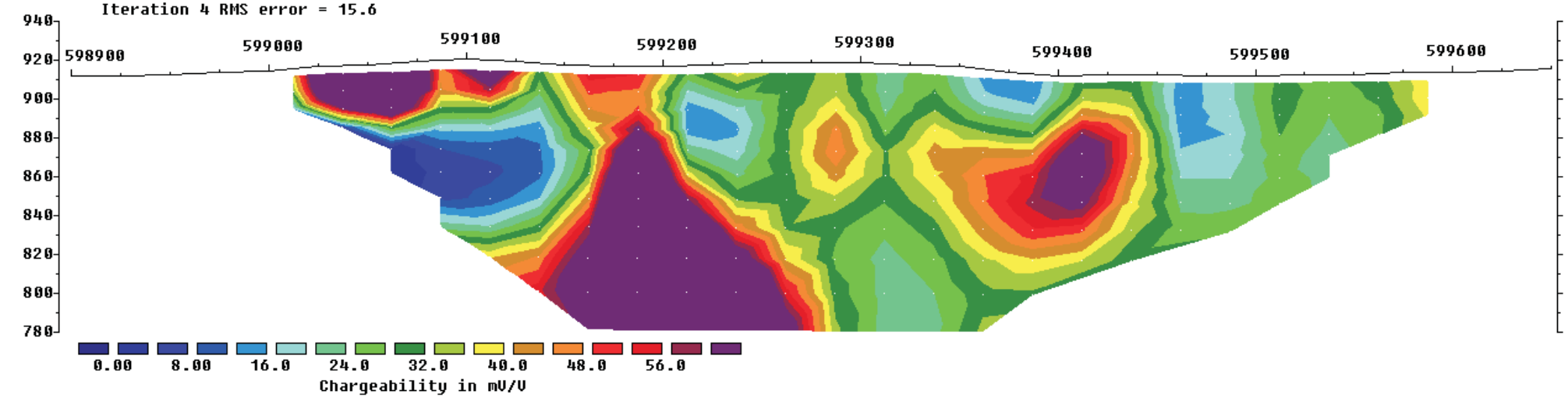
L33800NGRID3.bin

Elevation Model resistivity with topography
Iteration 4 RMS error = 29.9



Unit Electrode Spacing = 25.0 m.

Elevation Model IP with topography
Iteration 4 RMS error = 15.6



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 39.97 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 598900.0 m.
Last electrode is located at 599650.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

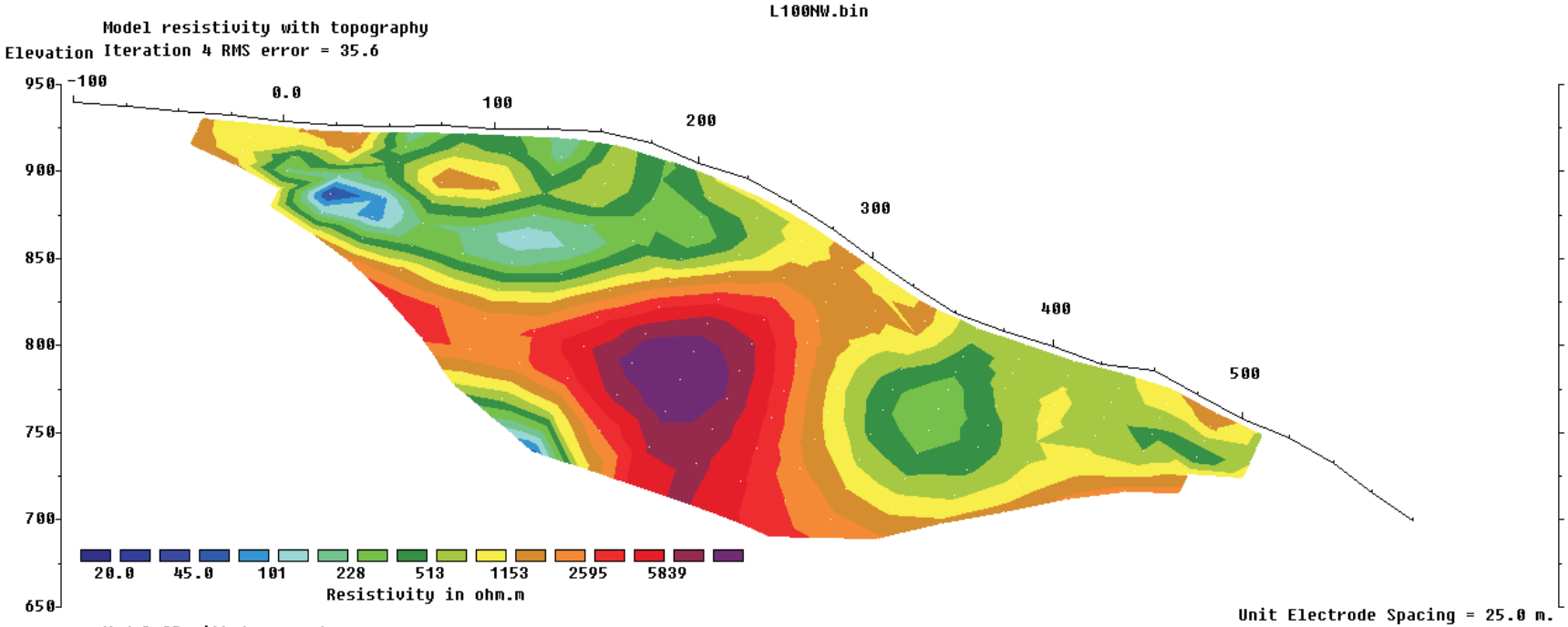
GOLD CREEK GRID 3
LIKELY AREA, CARIBOO MD, BC

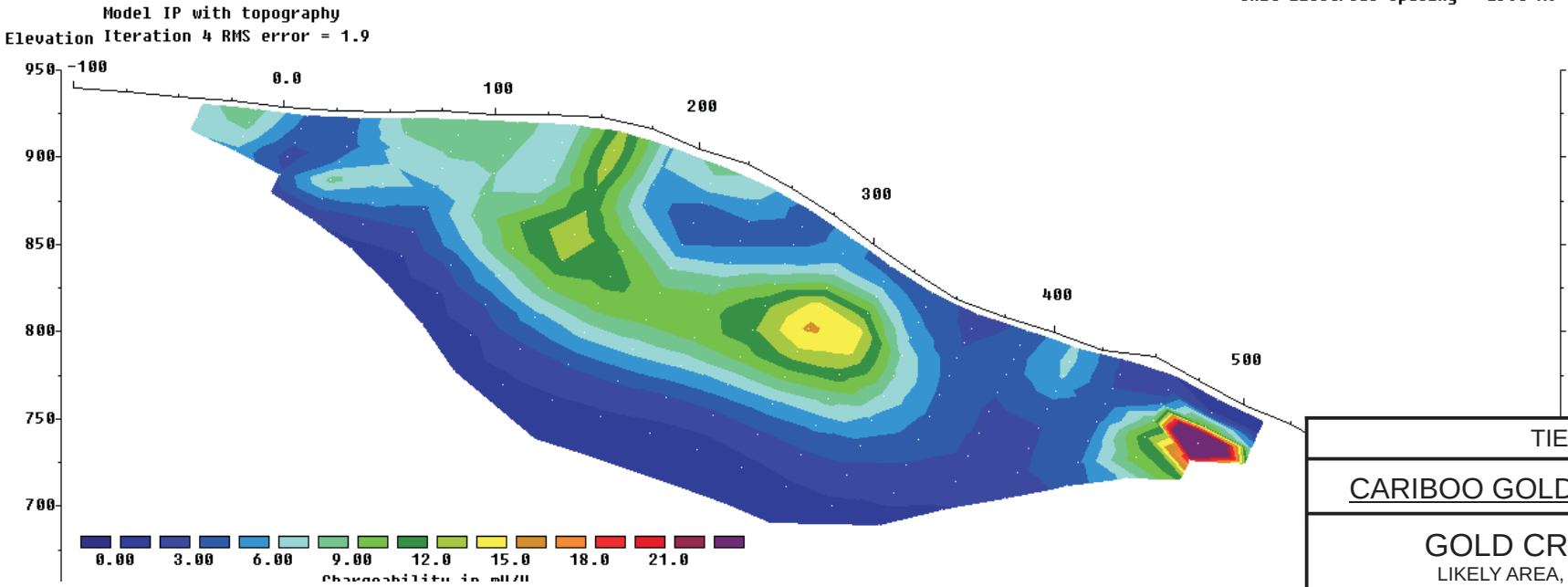
IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 33800N

DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

L100NW.bin





TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 4

LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS

GEOTOMO INVERSION

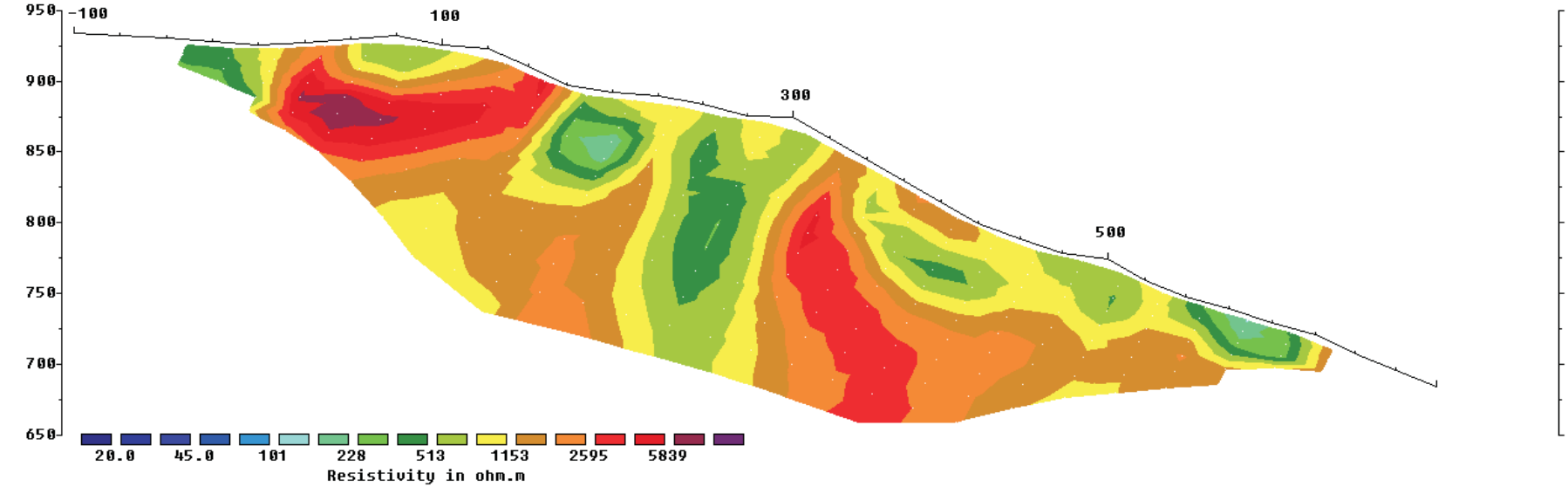
Line 100NW

DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

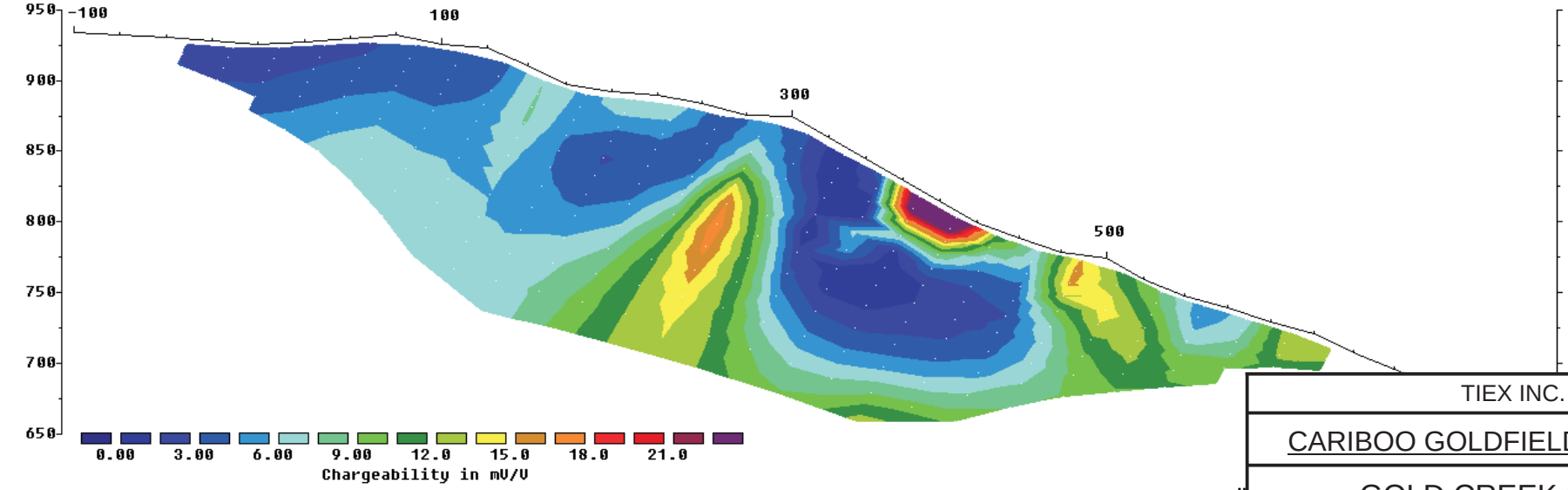
L-100NW.bin

Model resistivity with topography
Iteration 4 RMS error = 27.3



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 4 RMS error = 5.4



TIEX INC.

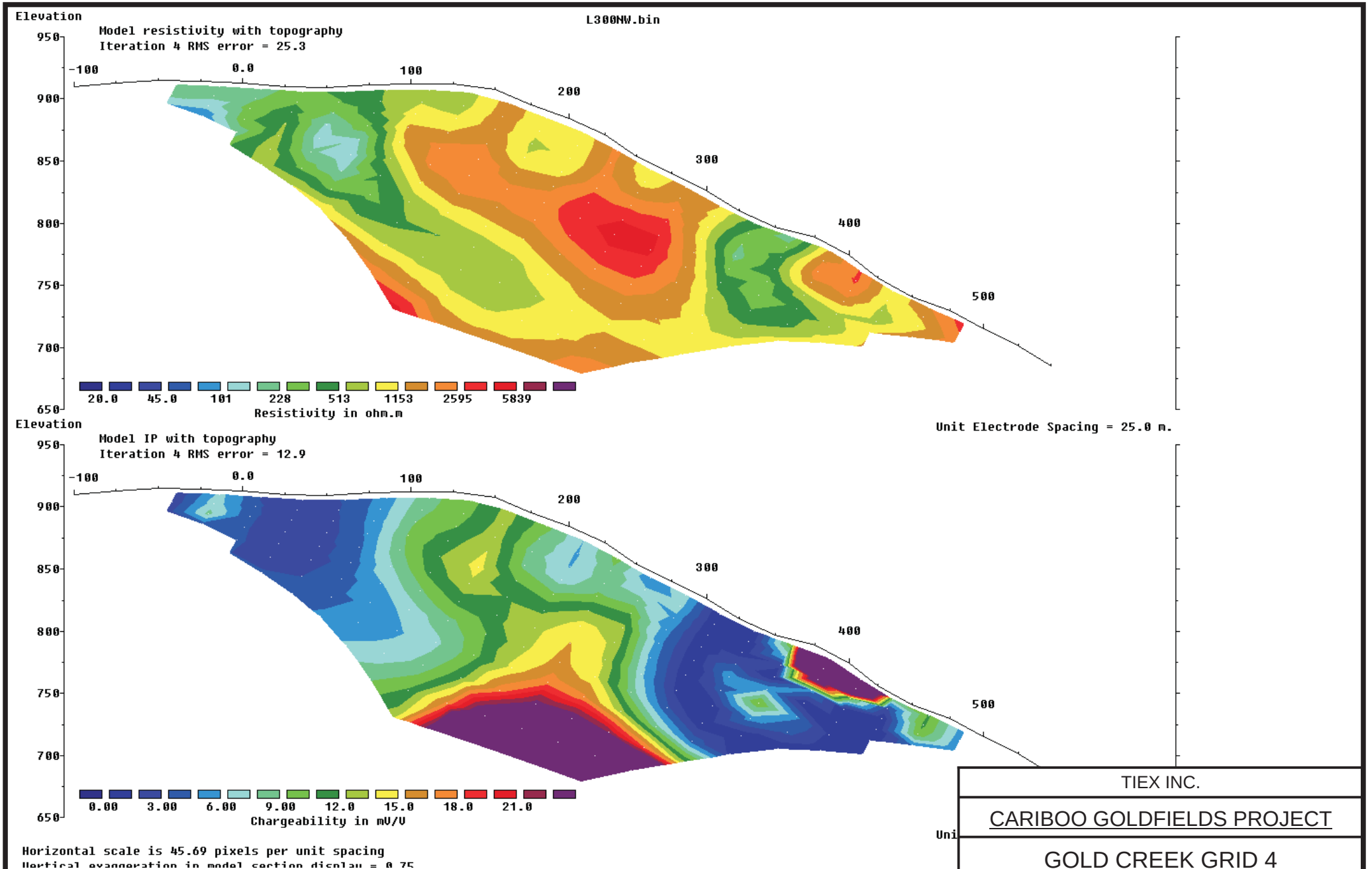
CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 4
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line -100NW

DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.



TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 4

LIKELY AREA, CARIBOO MD, BC

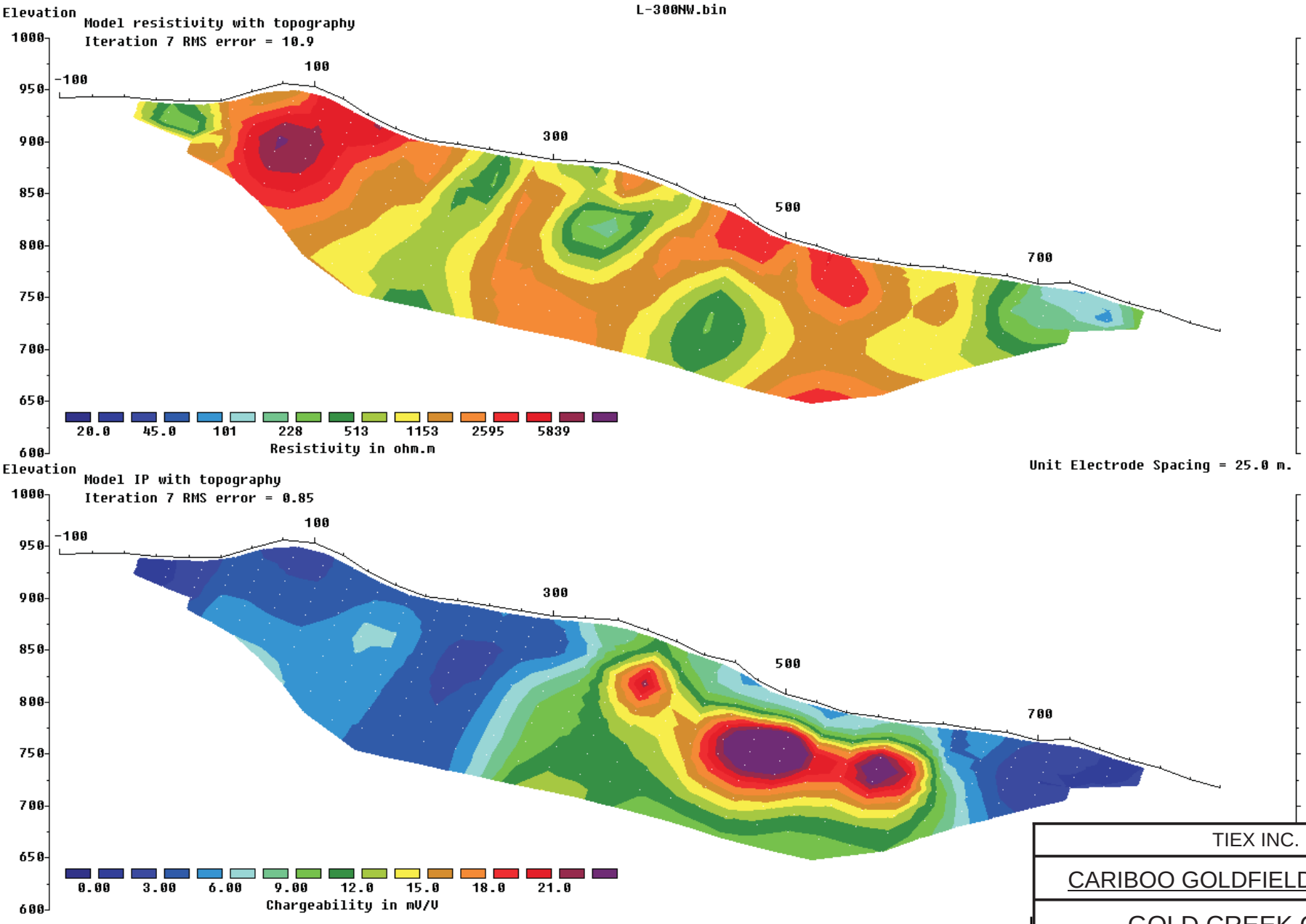
IP and RESISTIVITY SURVEYS

GEOTOMO INVERSION

Line 300NW

DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.



Horizontal scale is 31.55 pixels per unit spacing
Vertical exaggeration in model section display = 0.80

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 4
LIKELY AREA, CARIBOO MD, BC

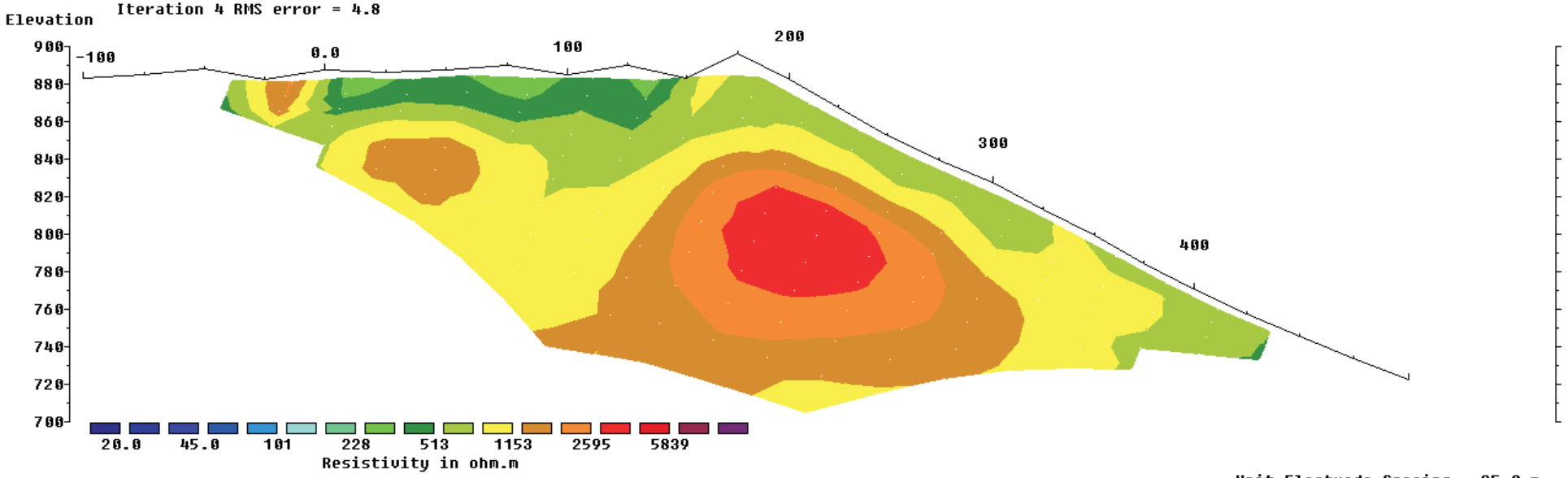
IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line -300NW

DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

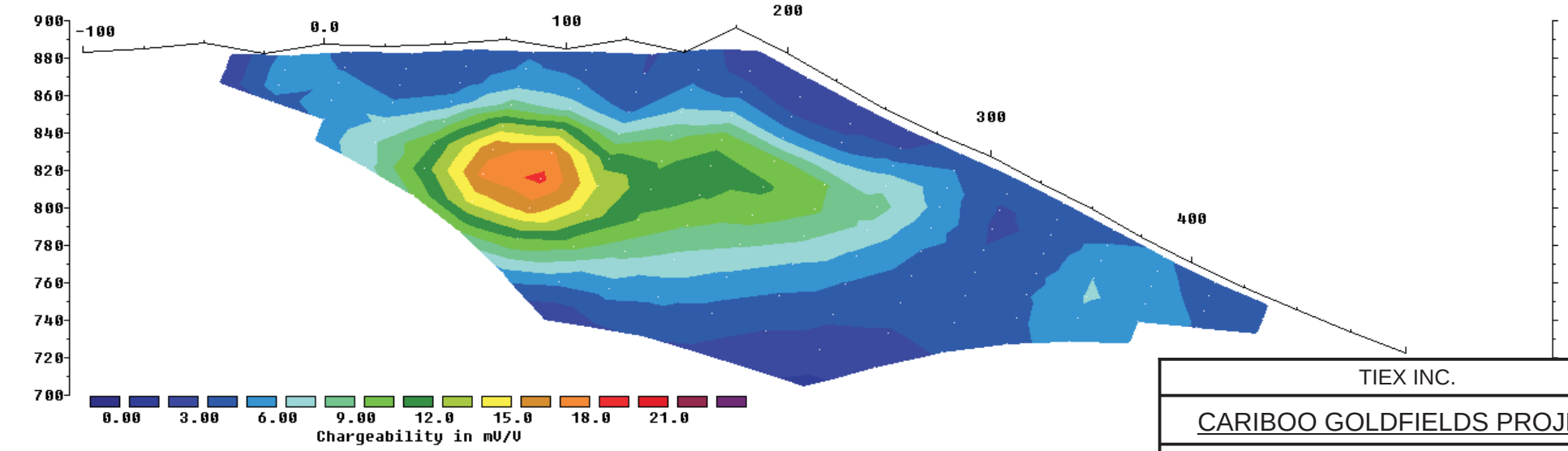
L500NW.bin

Model resistivity with topography
Iteration 4 RMS error = 4.8



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 4 RMS error = 1.3



Horizontal scale is 49.92 pixels per unit spacing
Vertical exaggeration in model section display = 0.80
First electrode is located at -100.0 m.
Last electrode is located at 500.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 4
LIKELY AREA, CARIBOO MD, BC

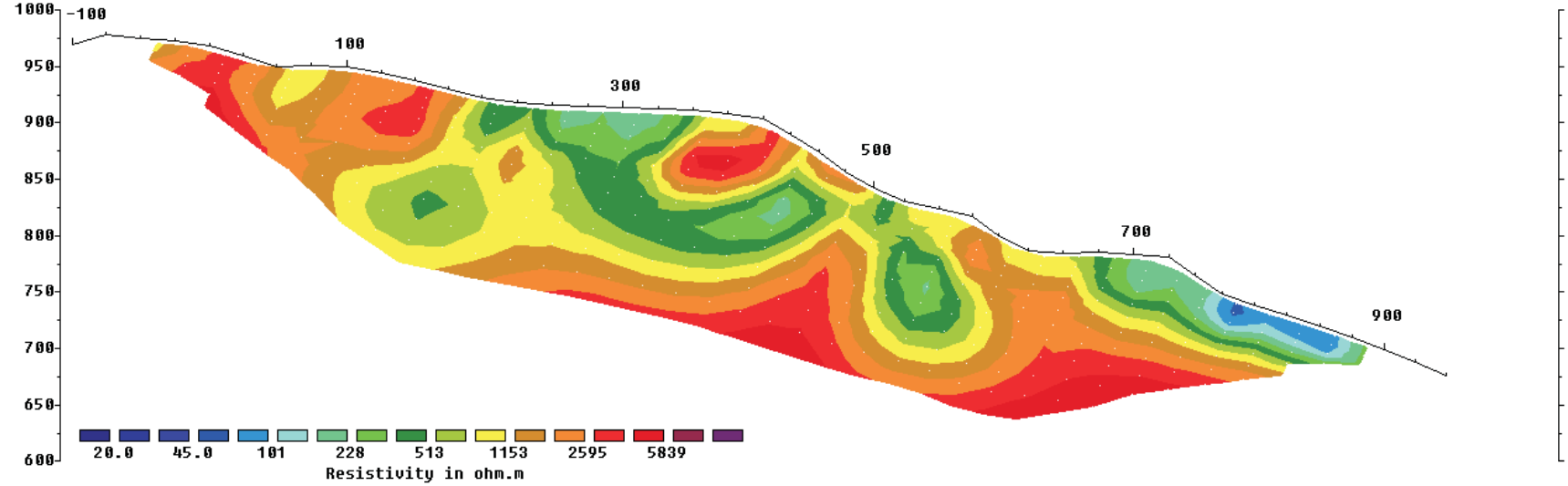
IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line 500NW

DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

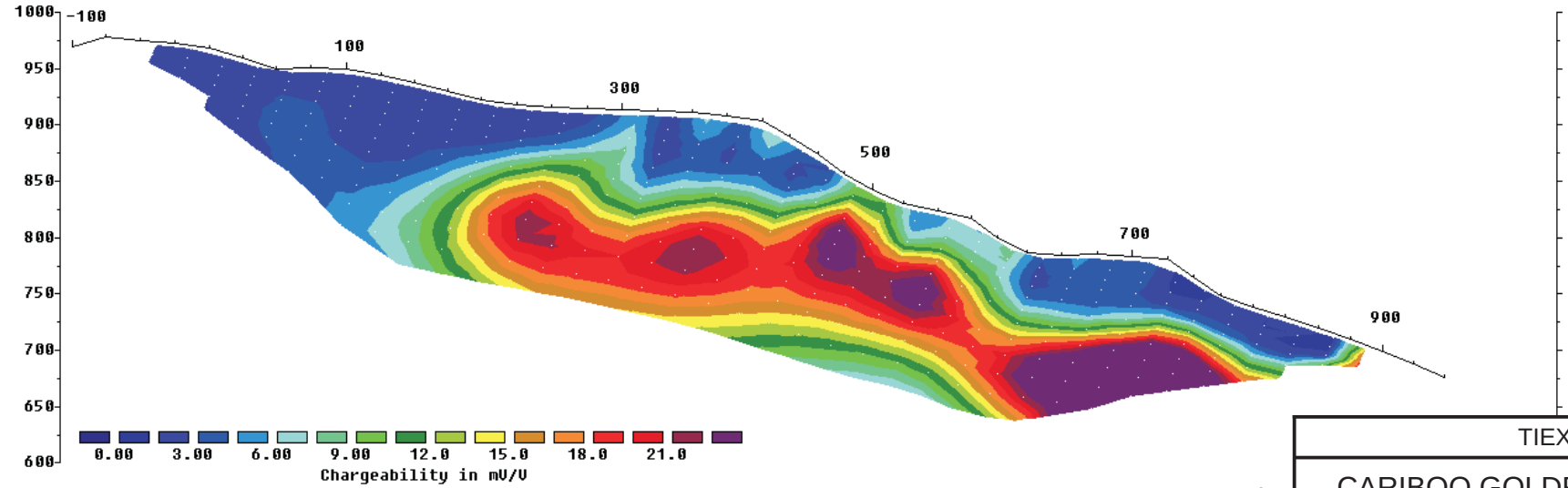
L-500NW.bin

Model resistivity with topography
Iteration 5 RMS error = 7.9



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 5 RMS error = 2.2



Unit E

Horizontal scale is 28.55 pixels per unit spacing
Vertical exaggeration in model section display = 0.80

TIEX INC.

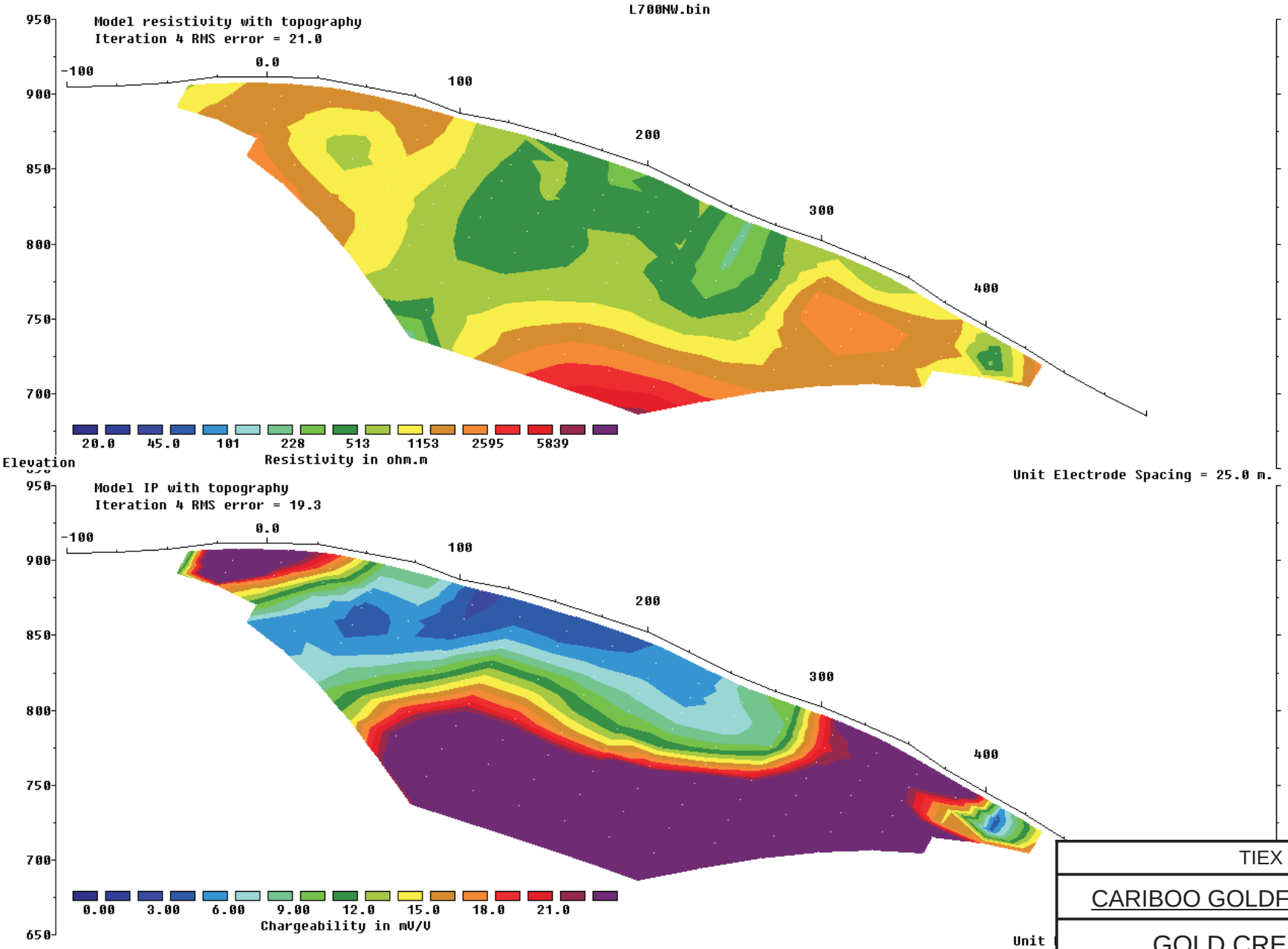
CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 4
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Line -500NW

DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.



TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK GRID 4

LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS

GEOTOMO INVERSION

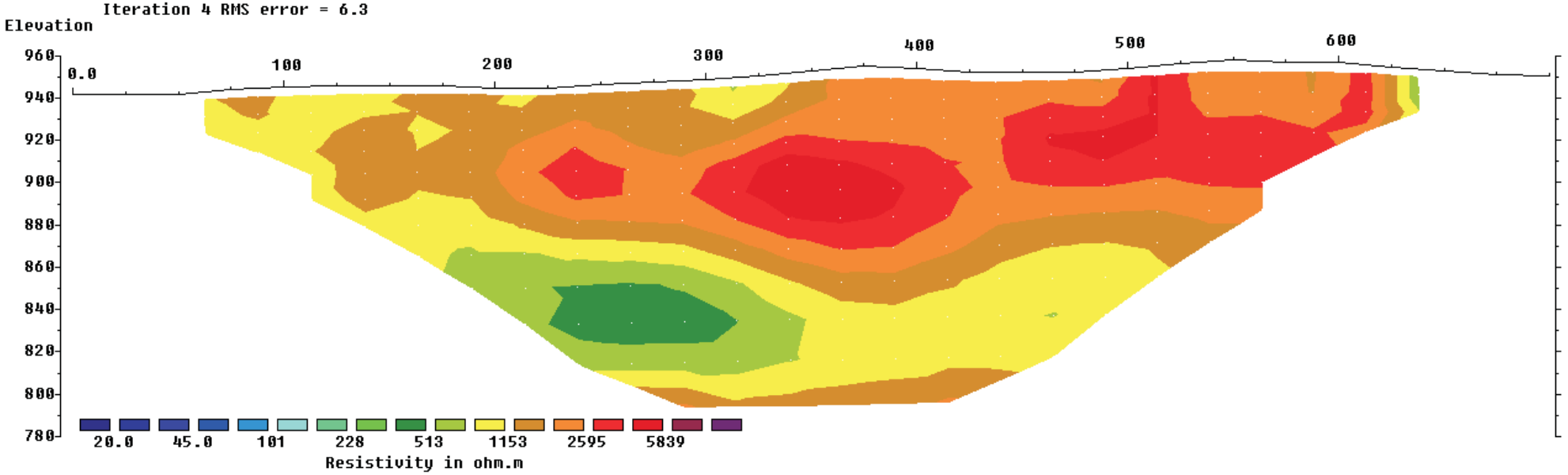
Line 700NW

DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	08-07	93A/12	MAY 08	3

GEOTRONICS CONSULTING INC.
SURREY BC.

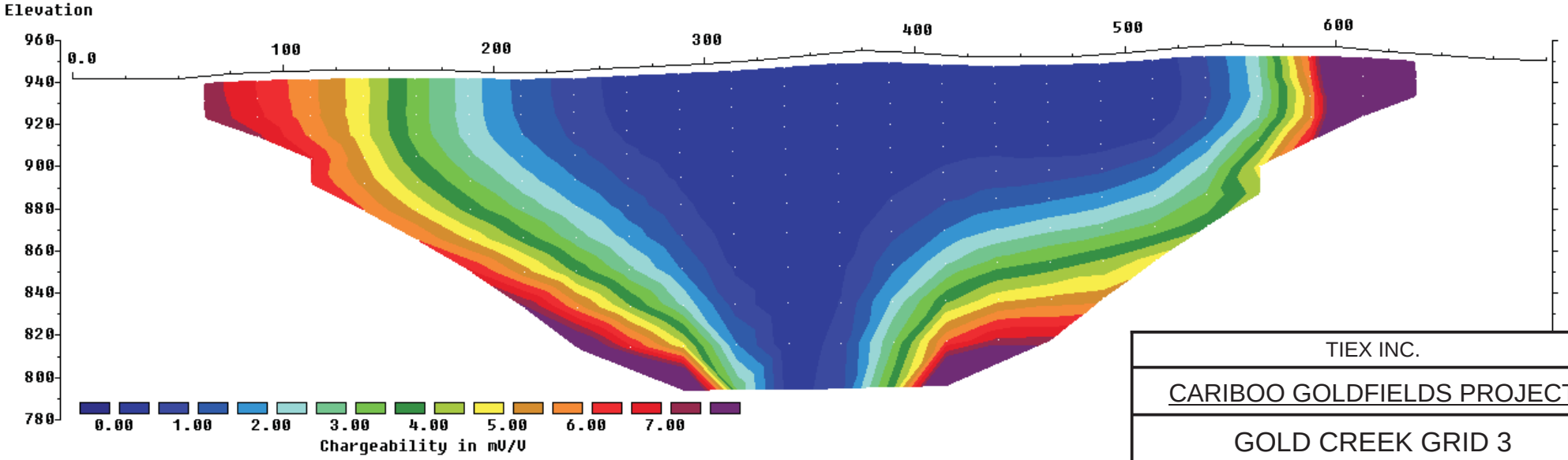
LRL1.bin

Model resistivity with topography
Iteration 4 RMS error = 6.3



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 4 RMS error = 31.7



Horizontal scale is 42.82 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 0.0 m.
Last electrode is located at 700.0 m.

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CARIBOO GOLDFIELDS PROJECT

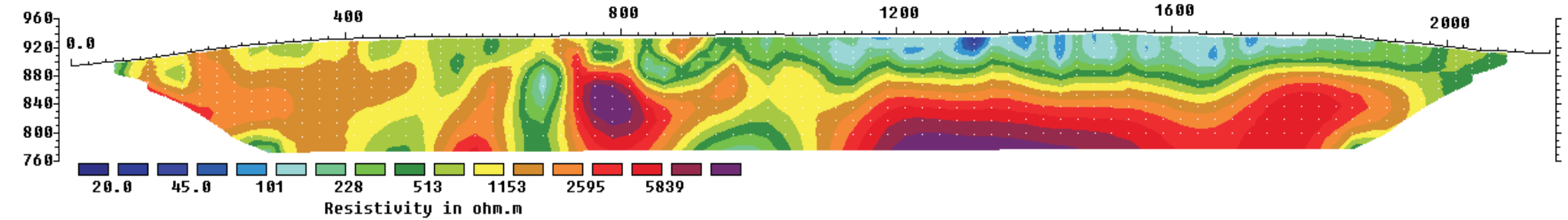
GOLD CREEK GRID 3
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Road Line #1

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07		MAY 08	3

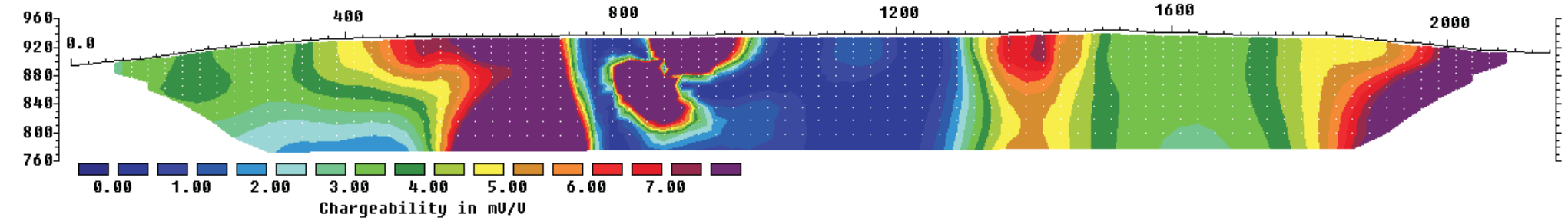
LRL2.bin

Model resistivity with topography
Iteration 4 RMS error = 12.1



Unit Electrode Spacing = 25.0 m.

Model IP with topography
Iteration 4 RMS error = 15.2



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 13.94 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 0.0 m.
Last electrode is located at 2150.0 m.

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CARIBOO GOLDFIELDS PROJECT

GOLD CREEK ROAD LINES
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Road Line #2

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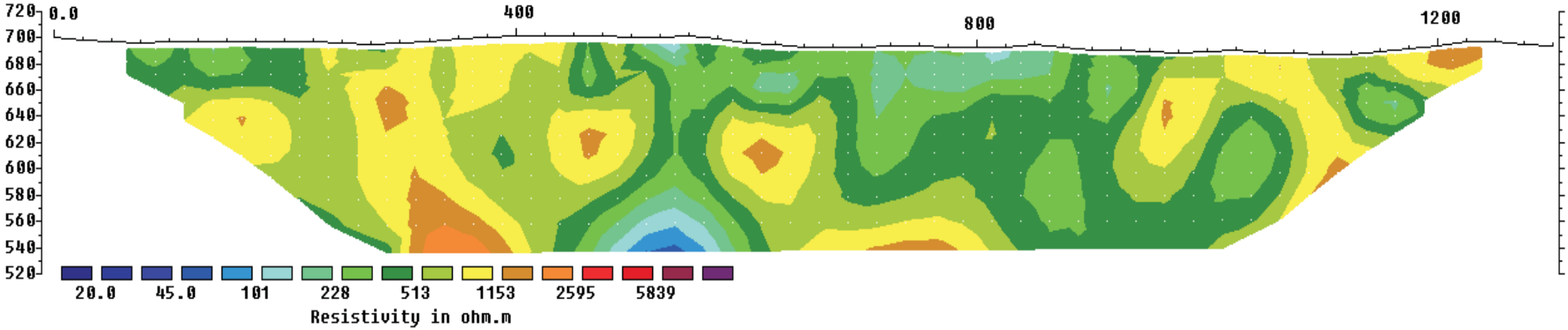
LRL3.bin

Model resistivity with topography

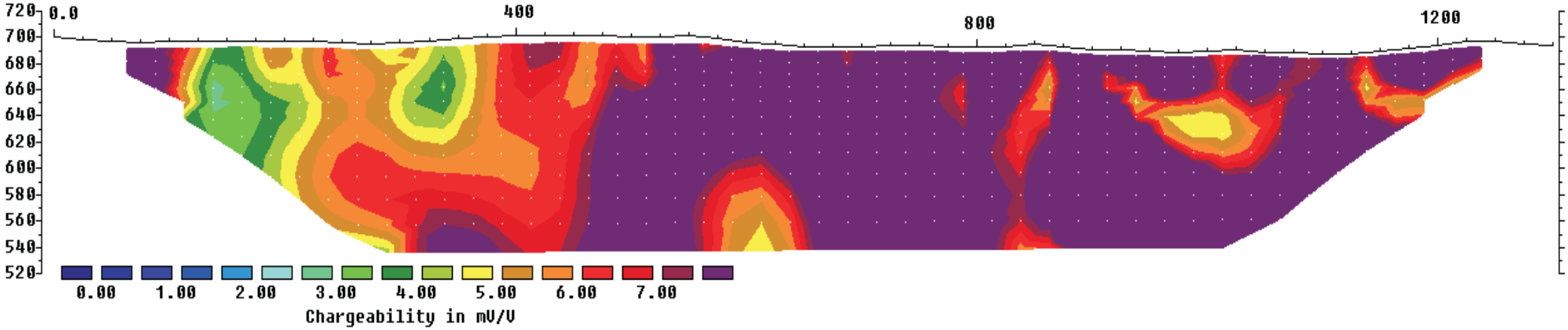
Elevation Iteration 4 RMS error = 5.9



Unit Electrode Spacing = 25.0 m.

Model IP with topography

Elevation Iteration 4 RMS error = 0.97



Unit Electrode Spacing = 25.0 m.

Horizontal scale is 23.06 pixels per unit spacing
Vertical exaggeration in model section display = 1.00
First electrode is located at 0.0 m.
Last electrode is located at 1300.0 m.

TIEX INC.

CARIBOO GOLDFIELDS PROJECT

GOLD CREEK ROAD LINES
LIKELY AREA, CARIBOO MD, BC

IP and RESISTIVITY SURVEYS
GEOTOMO INVERSION
Road Line #3

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-07		MAY 08	3

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