

GEOCHEMISTRY REPORT
on
MMI SOIL SAMPLING SURVEYS
on the
DANSEY, NONAME, and LAST SNL GRIDS
within the
LOGAN LAKE PROPERTY
LOGAN LAKE AREA
KAMLOOPS MINING DIVISION, BRITISH COLUMBIA

LOCATED: At and around village of Logan Lake which is 43 km due north of city of Merritt and 40 km southwest of city of Kamloops
50° 30' North Latitude and 120° 46' West Longitude
NTS: 92I/7 and 10
BCGS: 092I.036, .037, .046, .047, .048, .056, .057, .058, .066 and .06

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Copper, Gold, Silver, Cobalt, Zinc		
Line 49900E	n/a	6
Line 50000E	n/a	7
Line 50100E	n/a	8
Line 50200E	n/a	9
Line 50300E	n/a	10
Line 50400E	n/a	11
Line 50500E	n/a	12
Line 50600E	n/a	13
Line 50700E	n/a	14
Line 50800E	n/a	15
Copper, Cadmium, Cerium, Nickel, Lead		
Line 49900E	n/a	16
Line 50000E	n/a	17
Line 50100E	n/a	18
Line 50200E	n/a	19
Line 50300E	n/a	20
Line 50400E	n/a	22
Line 50500E	n/a	22
Line 50600E	n/a	23
Line 50700E	n/a	24
Line 50800E	n/a	25

LAST SNL MMI HISTOGRAMS

Copper, Gold, Silver, Cobalt, Zinc

Line 49400E	n/a	26
Line 49500E	n/a	27
Line 49600E	n/a	28
Line 49700E	n/a	29
Line 49800E	n/a	30
Line 49900E	n/a	31
Line 50000E	n/a	32
Line 50100E	n/a	33
Line 50200E	n/a	34
Line 50300E	n/a	35
Line 50400E	n/a	36
Line 50500E	n/a	37
Line 50600E	n/a	38
Line 50700E	n/a	39
Line 50800E	n/a	40
Line 50900E	n/a	41
Line 51000E	n/a	42
Line 51100E	n/a	43
Line 51200E	n/a	44

Copper, Cadmium, Cerium, Nickel, Lead

Line 49400E	n/a	45
Line 49500E	n/a	46
Line 49600E	n/a	47
Line 49700E	n/a	48
Line 49800E	n/a	49
Line 49900E	n/a	50
Line 50000E	n/a	51
Line 50100E	n/a	52
Line 50200E	n/a	53
Line 50300E	n/a	54
Line 50400E	n/a	55

Line 50500E	n/a	56
Line 50600E	n/a	57
Line 50700E	n/a	58
Line 50800E	n/a	59
Line 50900E	n/a	60
Line 51000E	n/a	61
Line 51100E	n/a	62
Line 51200E	n/a	63

NONAME MMI HISTOGRAMS
Copper, Gold, Silver, Cobalt, Zinc

Line 98700N	n/a	64
Line 98750N	n/a	65
Line 98800N	n/a	66
Line 98850N	n/a	67
Line 98900N	n/a	68
Line 98950N	n/a	69
Line 99000N	n/a	70
Line 99050N	n/a	71
Line 99100N	n/a	72
Line 99150N	n/a	73
Line 99200N	n/a	74
Line 99250N	n/a	75
Line 99300N	n/a	76
Line 99350N	n/a	77
Line 99400N	n/a	78
Line 99450N	n/a	79
Line 99500N	n/a	80
Line 99550N	n/a	81
Line 99600N	n/a	82

Copper, Cadmium, Cerium, Nickel, Lead

Line 98700N	n/a	83
Line 98750N	n/a	84
Line 98800N	n/a	85

Line 98850N	n/a	86
Line 98900N	n/a	87
Line 98950N	n/a	88
Line 99000N	n/a	89
Line 99050N	n/a	90
Line 99100N	n/a	91
Line 99150N	n/a	92
Line 99200N	n/a	93
Line 99250N	n/a	94
Line 99300N	n/a	95
Line 99350N	n/a	96
Line 99400N	n/a	97
Line 99450N	n/a	98
Line 99500N	n/a	99
Line 99550N	n/a	100
Line 99600N	n/a	101

MMI SURVEY PLAN CONTOUR MAPS

Copper	1:10,000	GC-1
Zinc	1:10,000	GC-2
Molybdenum	1:10,000	GC-3
Gold	1:10,000	GC-4
Silver	1:10,000	GC-5
Lead	1:10,000	GC-6
Cobalt	1:10,000	GC-7
Cadmium	1:10,000	GC-8
Nickel	1:10,000	GC-9
Cerium	1:10,000	GC-10
Uranium	1:10,000	GC-11

SUMMARY

MMI soil sampling was carried out within three grids within the Logan Lake Property belonging to SNL Enterprises. The property is located on and around Logan Lake which is about 43 km north of the town of Merritt within the Kamloops Mining Division of B.C.

The main purpose of the MMI geochemical surveys was to locate mineralization similar to that of the nearby porphyry copper deposits, which occur about 8 km to the west within the Guichon Creek Batholith within the Highland Valley, as well as to locate any other possible deposits that may occur within other rock types. The Highland Valley mineralization consists of disseminated copper, zinc, and molybdenite sulphides as well as other disseminated sulphides with associated gold and silver. In addition to the Highland Valley mines, the Craigmont mine occurs about 23 km south-southwest of the southern property boundary and occurs within the Nicola volcanics very close to the Guichon Creek batholith.

The property is mostly underlain by the oldest rocks in the area, which are andesites and basalts of the Nicola Group which is of Upper Triassic age. The west side of the property is underlain by the east side of the Guichon Creek batholith which on the property consists of diorite, quartz diorite and granodiorite of Late Triassic to Early Jurassic age. Six Minfile showings or past producers occur on the property while eight others occur on the property boundary or very close to it. Two of the six occur within the Guichon Creek batholith while the remaining four occur within Nicola volcanics.

The MMI samples were picked up every 25 or 50 meters on lines 50 or 100 meters apart and the sample taken at a 10-to 25-cm depth. The total number of samples was 1,223 taken on 48 lines. These were bagged and sent to SGS Laboratories in Toronto, Ontario for analysis where they were tested for 46 elements.

Eleven elements were chosen out of the 46 reported on and these were copper, zinc, molybdenum, gold, silver, lead, cobalt, cadmium, nickel, and cerium. Two stacked histograms were then made to show the correlation of the results with each other. In addition, eleven contour plan maps were made for the same eleven metals, that is, copper, zinc, molybdenum, gold, silver, lead, cobalt, cadmium, nickel, and cerium, respectively.

CONCLUSIONS

1. The MMI surveys over the three grid areas revealed two main anomalous zones that have been labeled the Central Anomaly and the Valley Anomaly.
2. The Central Anomaly, which contains the Dansey showing, consists of very strong copper values that reach an extreme high of 333,329 ppb. It also correlates with anomalous molybdenum, gold, and silver values. This copper-molybdenum-gold-silver anomalous area extends 1,700 meters in a northerly direction by 800 meters in a westerly direction, and is open to the west. Cobalt, suggestive of pyrite, also correlates with the anomaly as well as occurring to the north.
3. Zinc, cadmium, with some anomalous lead values correlate with the main copper-molybdenum-gold-silver anomaly but also occur around its perimeter. If the zinc anomaly is included with the copper anomaly then the extent of the Central Anomaly increases to 3,000 meters in a north direction, being open to both the north and south, by 1,200 meters in a west direction, being open to both the east and west.
4. The MMI signature of the Central Anomaly is strongly suggestive of a porphyry copper type deposit such as occurs within the Highland Valley.
5. The Valley Anomaly occurs within the northeast part of the Noname Grid and is a minimum 700 meters in a northerly direction, being open to the north, by a minimum 400 meters in an east direction, being open to the east. It also is a copper-molybdenum anomaly with gold and silver anomalous values. The molybdenum values are especially strong. However, the copper and molybdenum anomalies do not correlate directly but occur adjacent to each other with the copper anomaly occurring to the north and the molybdenum anomaly occurring to the south.
6. The Valley Anomaly contains very strong uranium values that correlate with both the copper and molybdenum anomalies and that are up to 3300 ppb which is 260 times background. This is very significant for uranium and thus may indicate uranium mineralization.
7. The MMI data, especially the zinc, suggests a lithologic contact striking north-northwesterly through the center of the Noname grid and to the immediate west of the Valley Anomaly. The MMI data also suggests a possible lithologic contact to the immediate east of the Central anomaly.
8. Three additional copper anomalies with associated molybdenum, gold, and silver values were located within the three grid area. However, they were somewhat weaker than the two main anomalies which may be a result of the possible mineralization being at a greater depth.

RECOMMENDATIONS

The positive results from the MMI soil sampling strongly warrant further work within the area of the three grids as follows:

- 1.** Carry out geologic mapping and/or prospecting throughout the area of the three grids in order to help determine causative sources of the MMI anomalies as well as to aid in the determining the underlying rock-types.
- 2.** Extend the MMI sampling as follows: (1) to the east and north of the Noname grid in order to determine the extent of the Valley Anomaly, (2) to the west and north of the Dansey grid in order to determine the extent of the Central Anomaly, and (3) between the Dansey and Last SNL grids in order to determine whether anomalies on the edge of the two grids are connected to each other.
- 3.** Carry out IP and resistivity surveying over the Central and Valley anomalies in order to help determine the depths of the causative sources as well as to optimize drill targets. This should be done with the dipole-dipole array using a dipole length of 50 meters and an 'n' separation up to 12 in order to read as deep as possible.
- 4.** Diamond drill the subsequent targets as suggested by the MMI and IP/resistivity surveys.

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INTRODUCTION AND GENERAL REMARKS

This report discusses survey procedure, compilation of data, interpretation methods, and the results of MMI soil sampling carried out on the Dansey, Noname, and Last SNL grids which occur within the Logan Lake Property belonging to SNL Enterprises Ltd. The property is located at and around the village of Logan Lake within the Kamloops Mining Division, British Columbia.

The MMI soil sampling was carried out by a nine-man crew from June 29th to July 20th, 2008.

The general purpose of exploration on this property is to locate sulphide mineralization especially similar to that of the nearby Highland Valley mines, which occur within the Guichon Creek batholith, as well as to locate any other possible deposits that may occur within the Nicola volcanics. The Highland Valley mineralization consists of disseminated copper, zinc and molybdenite sulphides as well as other disseminated sulphides with associated gold and silver values.

PROPERTY AND OWNERSHIP

SNL Enterprises Ltd.'s Logan Lake Property is comprised of 92 mineral claims within the Kamloops Mining Division as shown on the Claim Maps (Fig. 3, 3a, 3b, and 4). It is a huge property that extends 39 km in a north-south direction and 26 km in an east-west direction covering an area of 41,312 hectares, or 102,082 acres.

Tenure Number	Claim Name	Good Until	Area (ha)
514175	QUEN	20100408	41.183
522351	MIKE	20100408	370.452
528848	DANSEY	20100408	493.128
528849	DAB	20100408	492.954
528955	TUNKWA	20100408	512.673
570172		20100408	20.561
580818	LOGAN	20090409	512.45
580819	LOGAN	20090409	512.673
580821		20090409	512.898
580822		20090409	512.45
580823		20100408	389.823
580824		20090409	512.896
580825	LOGAN	20090409	512.897
580826		20090409	512.672
580827		20090409	491.793
580828		20090409	512.459
580829		20090409	513.117
580830		20100408	513.238
580831		20090409	492.823
580832		20090409	513.166
580833		20090409	328.351
580834		20090409	513.214
580835		20090409	492.879
580836		20090409	492.966
580837		20100408	492.939
580838		20100408	513.401
580839		20100408	493.157
580973	LOGAN	20100408	82.096
580974	LOGAN	20090411	102.606
580976		20090411	164.221
580977	LOGAN	20090411	123.199
580979	LOGAN	20090411	492.916
580981	LOGAN	20090411	472.456
580984	LOGAN	20090411	513.701

580989	LOGAN	20100408	493.339
580992	LOGAN	20090411	513.702
580993	LOGAN	20090411	513.703
580994	LOGAN	20090411	513.717
580995	LOGAN	20090411	493.346
580996	LOGAN	20090411	493.349
580997	LOGAN	20090411	513.929
580998		20100408	472.977
580999		20100408	493.52
581000		20100408	493.518
581002		20090411	432.003
581003		20090411	514.285
581005		20090411	514.508
581006		20100408	514.369
581008		20100408	514.515
581009		20090411	514.642
581011		20090411	514.516
581012		20090411	514.758
581014		20090411	514.702
581015		20090411	514.841
581016		20100408	514.672
581018		20090411	514.697
581019		20090411	514.859
581022		20090411	494.383
581023		20090411	494.386
581024		20090411	494.381
581026		20090411	515.049
581027		20090411	515.212
581028		20090411	515.171
581030		20090411	473.968
581031		20090411	412.15
585317		20090527	492.88
585318		20090527	513.484
585319		20090527	472.183
585320		20090527	513.48
585321		20090527	410.675
585322		20090527	513.478
585323		20090527	493.12
585324		20090527	513.707
585325		20090527	513.888
585374		20090528	514.114

585375		20090528	514.27
585376		20090528	513.936
585378		20090528	514.195
585379		20090528	513.705
585380		20090528	513.703
585381		20090528	513.936
585382		20090528	514.013
585383		20090528	267.366
585384		20090528	494.009
585385		20090528	123.559
585386		20090528	205.644
585387		20090528	102.776
585388		20090528	513.076
585390		20090528	512.915
585391		20090528	307.715
586826	HAPPY TUESDAY	20090624	61.799
590554	LITTLE ATTICUS	20090829	432.909
		TOTAL	41312.11

The property is entirely owned by SNL Enterprises Ltd. of Delta, BC.

LOCATION AND ACCESS

The Logan Lake property is located at and around the village of Logan Lake which is located 43 km north of the town Merritt and 40 km southwest of the city of Kamloops (see figs 2 to 4). It is also located within the eastern part of the Highland Valley and to the immediate west of Chuwels Mountain. The center of the three grids discussed within this report are located 6.5 km west-northwest of the town of Logan Lake.

The Logan Lake Property is located within NTS maps 92I/7 and 92I/10 and BCGS maps 092I.036, .037, .046, .047, .048, .056, .057, .058, .066 and .067. The UTM coordinates, NAD 83, Zone 10U, extend from 5580400 northing at the southern boundary of the property, to 5613600 northing at the north end, and from 643600 easting at the western edge to 970600 at the eastern edge. The center of the property is 5596000N, 658000E in UTM coordinates and 50° 30' latitude and 120° 46' longitude.

The access is good with numerous logging roads and other bush roads throughout the entire property. Highway 97C runs in a southeasterly direction from Ashcroft almost to Logan Lake and then southerly along Guichon Creek to Merritt. From Ashcroft by road, Logan Lake is 42 km, and from Merritt it is 48 km. From Kamloops along the paved Meadow Creek road which runs westerly through the center of the property and which connects to the Coquihalla Highway, Logan Lake is 58 km.

PHYSIOGRAPHY

The Logan Lake Property is found within the Thomson Plateau, which is a physiographic unit of the Interior Plateau System. The Thomson Plateau consists of gently rolling upland of low relief for the most part.

The elevations on the Logan Lake Property vary from 965 meters (3170 feet) at the southwest corner of the property on Guichon Creek to 1,820 meters (5,970 feet) along the eastern edge of the property on the western slope of Chuwels Mountain. Since the property is so large, the terrain is highly variable with much of the property covered by gently rolling hills as well as steep to moderate slopes covered with variable soil cover.

Numerous lakes and creeks occur throughout the property. However, the main creek is the Guichon Creek which flows southerly along the western side of the property. Another major creek is Meadow Creek which flows westerly into Guichon Creek south of Logan Lake.

Tree cover is generally that of open to medium thick forest with some thick second growth.

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

The climate in the Logan Lake area is semi-arid, and thus the precipitation is low, about 25 to 28 centimeters (10 to 11 inches). Temperatures vary from the high extreme in summer of around 35°C to the low in winter of around -30°C, though the usual temperature during the summer days would be 15°C to 25°C and that in winter would be -10°C to 5°C.

HISTORY OF PREVIOUS WORK

Much work has been carried out throughout the property area, and because of the sheer volume is beyond the scope of this report. Much of the work would have been done in the late sixties when the Highland Valley was the hottest mining exploration area in Canada (and probably the world).

However, the writer has taken the following description from the MapPlace web site from work carried out over the Dansey property since it is relevant to the MMI surveying described within this report.

Deerhorn Mines Ltd. held the Witches Brook group of 24 claims in the vicinity of the JB showing in 1956. Noranda Exploration Company Limited held the PG group of 99 claims along and mainly west of Guichon Creek to the north of Witches Brook in 1962. This property was partly a relocation of the claims held by Deerhorn Mines Ltd. Geological, geochemical and geophysical surveys were carried out during 1963. The CL group, apparently staked by C.W. Dansey in 1964, was located partially on ground formerly part of

the PG group. North Pacific Mines Limited carried out a program of trenching, soil sampling, magnetometer and geological surveying on the property during 1964.

In 1965, North Pacific Mines Ltd. carried out an induced polarization survey which outlined an anomaly about 914 metres long over a width of 244 metres. Other work consisted of trenching, road building and 8 diamond-drill holes totalling 1280 metres. In 1968, an airborne magnetometer survey (202 kilometres) was flown on behalf of North Pacific Mines Ltd. and Comet-Krain Mines Ltd. In 1969, Noranda Exploration Company Limited conducted a soil geochemical survey and induced polarization surveys over the Mike, Bill, Tom and JB claims. In 1974, North Pacific Mines Ltd. conducted percussion drilling in 5 holes totalling 384 metres on the Tom claims.

GEOLOGY

a) Regional

The following regional geological description is derived in part from Owsiacki (2003).

The Logan Lake Property is situated within the Quesnel Trough, a 30 to 60 km wide belt of Lower Mesozoic volcanic and related strata enclosed between older rocks and much invaded by batholiths and lesser intrusions (Campbell and Tipper, 1970). The southern part is the well known Nicola belt, continuing nearly 200 km to its termination at the U.S. border. The Nicola belt is enveloped by the Guichon Creek Batholith to the west which is host to the major porphyry copper mines of the Highland Valley; the Wild Horse Batholith to the east; and the Iron Mask Batholith to the north northeast which is host to the former Afton Mine,.

The Nicola Group which is of Upper Triassic Age is the oldest rocks of the property area and consists of a predominantly subaqueous island arc assemblage of sedimentary and volcanic rocks. The Nicola Group is broken into three blocks that are separated by two northerly-trending sub-parallel faults with the eastern one being partly defined by Cherry Creek and the western one by Guichon Creek and Deadman River.

The Nicola Group has been divided into four lithologic assemblages:

1. a steeply dipping, east-facing 'western volcanic belt' consisting predominantly of subaqueous felsic, intermediate and mafic volcanics of calcalkalic affinity that grade upward into volcanoclastic rocks;
2. a 'central volcanic belt' composed of both subaqueous and subaerial basalt and andesite flows, volcanic breccias and lahars of both alkalic and calcalkalic (both plagioclase and augite-phyric) affinities;
3. an overlying, westerly dipping 'eastern volcanic belt' composed of predominantly subaqueous and subaerial alkalic (both augite and hornblende-phyric; shoshonites and ankaramites) intermediate and mafic volcanic flow,

fragmental and epiclastic rocks; and an 'eastern sedimentary assemblage' that is overlapped by,

4. the eastern volcanic belt and is composed predominantly of greywackes, siltites, argillites, alkalic intermediate tuffs and reefal limestones.

The Nicola Group has been cut by Late Triassic and Early Jurassic alkalic intrusions such as the Guichon Creek batholith. These consist of medium to small, commonly fault-bounded stocks and dyke swarms of diorite, monzodiorite, monzonite and syenite.

The Guichon Creek batholith of Late Triassic to Early Jurassic age is a semi-concordant dome that is elongated slightly west of north. It consists of several nearly concentric phases which have sharp contacts locally, but are generally gradational. The main phases number four and consist of the following:

1. Hybrid Phase – consists of fine- to medium-grained mafic-rich diorite or quartz diorite.
2. Highland Valley Phase – consists of the Guichon variety which is quartz diorite to granodiorite with usually 15% mafic minerals, and the Chataway variety which is granodiorite with 12% unevenly distributed mafic minerals.
3. Bethlehem Phase – consists of granodiorite with 8% mafic minerals.
4. Bethsaida Phase – consists of quartz monzonite to granodiorite with 6% mafic minerals.

The Highland Valley ore-bodies of the Guichon Creek batholith are not restricted to any one phase. The Bethlehem Copper JA deposit occurs in and adjacent to a quartz plagioclase aplite stock which intruded rocks of the Guichon variety and Bethlehem phase of the Guichon Creek Batholith. The largest deposit of the camp, the Valley Copper deposit, is entirely in quartz monzonite of the Bethsaida phase and is west of the Lornex fault.

The youngest rocks of the area are Eocene arc volcanics and sediments of the Kamloops Group, extensive Miocene-Pliocene plateau basalts of the Chilcotin Group, as well as scattered minor Pleistocene and Recent flows. The Kamloops Group unconformably overlies the Nicola rocks and the Guichon Creek batholith and other similar-aged intrusives. Rocks of this group consist of tuffaceous sandstone, siltstone, and shale with minor conglomerate, as well as basaltic to andesitic flows and agglomerate with minor dacite, latite, and trachyte.

b) Property

(This section is mostly taken from the BC government's web site, the Map Place.)

Almost the entire Logan Lake property is underlain by Nicola Group volcanics. The eastern part is underlain by basalts and to the west of the basalts is a 4-km wide band of

andesites striking north-northwesterly through the center of the property. The western part is underlain by undivided volcanics, probably a mixture of andesites and basalts.

The Guichon Creek batholith occurs to the west of the Nicola volcanics underlying the westernmost part of the property being a width of up to 10 km. This area of the property overlies the contact between Hybrid phase and Guichon variety rocks. Three main rock types are evident and comprise diorite, quartz diorite and granodiorite. Fracturing and shearing are abundant in the diorite and quartz diorite but markedly less in the granodiorite.

The northwestern corner of the property is underlain by young volcanics, mostly basalts, of the Kamloops Group.

Much of the contact between the Nicola volcanics to the east and the Guichon Creek batholith to the west is a regional fault, as mentioned above, that strikes north-northwesterly along Guichon Creek and thus through the western part of the property.

c) Mineralization – Nearby Mines

The ore-deposits of the Highland Valley are structurally controlled. Movements on the Lornex and Highland Valley faults occurred simultaneously and alternatively in the final phases of intrusion of the Guichon Batholith. The fault planes provided the openings for the admission and deposition of mineral and igneous matter.

Highland Valley Copper operates two distinct mines, the Valley mine and the Lornex mine, and between the two has measured and indicated ore reserves of 761 million tonnes of 0.408 per cent copper and 0.0072 molybdenum. The ore reserves of each mine are: Valley mine – 627 million tonnes at 0.418 per cent copper and 0.0056 per cent molybdenum; Lornex mine – 135 million tonnes at 0.364 per cent copper and 0.0144 per cent molybdenum. The individual mine reserves are calculated at an equivalent cut-off grade of 0.25 per cent copper using a molybdenum multiplying factor of 3.5 (CIM Bulletin July/August 1992, pages 73,74).¹

The Lornex and the Valley Copper ore-bodies in the Highland Valley are located at the low edge of an airborne magnetic high. The magnetic high traces the Highland Valley and the Lornex fault systems and clearly indicates the fault pattern of the system and the ore-bodies occurring within a magnetic low due to the supergene and dynamic related destruction of magnetite.

All of the following summary descriptions of the nearby mines to the Logan Lake property are taken from the BC government's web site "MapPlace". Only three of the deposits of the Highland Valley are chosen below as an example of Highland Valley Mine geology. The fourth is the Craigmont deposit which occurs in Nicola rocks.

1. Lornex Mine

The Lornex deposit lies in the central core of the Late Triassic-Early Jurassic Guichon Creek batholith and occurs within Skeena variety granodiorite to quartz diorite. This rock is medium to coarse-grained and slightly porphyritic. The Lornex property straddles the north trending, west dipping Lornex fault which juxtaposes Skeena rocks on the east side with Bethsaida phase quartz monzonite on the west. A pre-mineral quartz porphyry dyke probably related to the Bethsaida phase, trends northwest and pinches out in the Lornex deposit.

Mineralization is controlled by the distribution and density of fracture sets. Three major sets of copper-molybdenum veins strike north-northeast to east and dip moderately southeastward. There are two sets of post-mineral fault and fracture systems; one which roughly parallels the mineralized veins and another which offsets the first up to 2 metres. The most prominent structural feature is the Lornex fault which dips 55 degrees to the west in the southern part of the orebody, and steepens to nearly vertical in the north. This fault truncates the northwestern part of the deposit. It is characterized by a 10-centimetre to 1.5-metre wide black gouge on the footwall and discontinuous mylonite pods 1 to 50 metres wide in the hanging wall.

Five main types of hydrothermal alteration are related to quartz and sulphide mineralization. Pervasive silicification, consisting of close spaced quartz veins with associated quartz alteration, is hosted by the Skeena rocks. The quartz porphyry dyke is only weakly affected by hydrothermal alteration. Potassium feldspar veinlets and hydrothermal biotite are erratically distributed. Argillic alteration is pervasive throughout the ore zone and is characterized by quartz, sericite, kaolinite, montmorillonite and chlorite. Copper grades generally correspond to the intensity of argillization. Within the argillic zone, phyllic alteration consists of grey quartz-sericite envelopes on mineralized veins. Pervasive propylitization, consisting of epidote (zoisite), chlorite and carbonates (calcite), is peripheral to the argillic zone. There is also an irregular zone of late-stage gypsum.

The Lornex deposit is 1900 metres long, 500 metres wide and plunges northwest to a depth of at least 750 metres. Chalcopyrite, bornite and pyrite constitute 1.5 per cent of the ore zone and occur in three roughly concentric sulphide zones respectively. Sulphides occur mainly with quartz as fracture-fillings and coatings. Veins average 5 to 15 millimetres in width. Molybdenite occurs as thin laminae in banded quartz veins and less often as rosettes in vuggy quartz veins. The oxide zone averages 3 to 30 metres in thickness and thins toward the east. Supergene minerals are malachite, limonite, pyrolusite, azurite, cuprite, chalcocite, covellite, and native copper.

2. Valley Copper Mine

The Valley deposit lies within the Late Triassic to Early Jurassic Guichon Creek batholith and is hosted by Bethsaida phase porphyritic quartz monzonite and

granodiorite. Feldspar porphyry and quartz feldspar porphyry dykes 0.6 to 35 metres wide dip steeply eastward in the western and central areas, and northward in the southern area of the deposit. These dykes are cut by mineralized fractures and quartz veinlets, and have been dated at 204 Ma +/- 4 Ma. The Bethsaida granodiorite is also intruded by aplite dykes up to 30 centimetres wide, tan-coloured felsite dykes up to 4.5 metres wide, and three types of lamprophyre dykes (spessartite, hornblende vogesite, vogesite).

The most prominent structural features are the north-trending, west-dipping Lornex fault and the east-trending Highland Valley fault. Faults and fractures in the deposit comprise four main sets. Quartz veinlets are subparallel to two of the earlier formed fault and fracture sets.

Silicic, potassic, phyllic, argillic and propylitic alteration are intimately associated. Stockworks of quartz veinlets 1 to 2 centimetres in width are common. Vuggy veinlets have envelopes of medium-grained sericite and/or potassic feldspar, and contain minor amounts of sericite, plagioclase, potassium feldspar, calcite, hematite, bornite, chalcopryrite, molybdenite, digenite and covellite. These veinlets are moderately abundant within the 0.3 per cent copper isopleth. An area of well-developed barren quartz veinlets, generally 0.5 to 1.3 millimetres wide, without alteration envelopes, occurs in the southeastern part of the deposit.

In the west-central part of the deposit, potassium feldspar is associated with vein sericite in some replacement zones, as veinlet envelopes along fractures, and disseminated in quartz veinlets. Hydrothermal biotite occurs in small amounts. Flaky sericite and quartz, both as replacement zones and as envelopes around quartz veinlets, constitute the most common type of alteration associated with copper mineralization. Strong phyllic alteration coincides with the 0.5 per cent copper isopleth. Phyllic alteration is closely associated with pervasive argillization, which is strongest where fractures are most closely-spaced. Feldspars are altered to sericite, kaolinite, quartz and calcite. The phyllic-argillic zone grades outward to a peripheral zone of weak to moderate propylitization, characterized by clay, sericite, epidote, clinozoisite and calcite replacing plagioclase, and chlorite and epidote replacing biotite. The age of hydrothermal alteration is approximately 191 Ma.

At the Valley deposit, gypsum is interpreted to be secondary and post-ore. It is commonly fibrous and white to orange but locally it forms large platy crystals or may be massive. Anhydrite, which is also present, provides indirect evidence for the secondary nature of the gypsum. It is apparently the same age as and associated with sericitic and potassic alteration. Quartz-gypsum veins and quartz-potash feldspar veins in which gypsum fills interstices provide more direct evidence for its secondary nature. Gypsum is believed to have formed at the expense of anhydrite which was deposited from the ore-forming fluids. Gypsum veins are common in the lower portion of the orebody (Open File 1991-15).

Sulphides occur chiefly as disseminations in quartz veinlets, and in phyllic (bornite) and potassic (chalcopyrite) alteration zones. Mineralization includes bornite and chalcopyrite, with minor digenite, covellite, pyrite, pyrrhotite, molybdenite, sphalerite and galena. The oxide zone averages 4.5 metres in thickness, and contains limonite, malachite, pyrolusite, digenite, native copper, and tenorite(?).

3. Bethlehem Copper Mine

The Bethlehem property lies within the Early Jurassic-Late Triassic Guichon Creek batholith and straddles an intrusive contact where younger Bethlehem phase rocks form an irregular embayment in older Guichon variety rocks. The Bethlehem phase is medium-grained granodiorite to quartz diorite which ranges from equigranular to hornblende-biotite porphyry. The Guichon variety is medium-grained granodiorite. Igneous breccias are postulated to have been forcefully emplaced. Clasts up to 20 centimetres in diameter are subrounded and sit in a generally compact, but sometimes vuggy matrix. The granodiorites and breccias are intruded by north trending, steeply dipping dykes which are compositionally similar to the enclosing rocks; contacts are chilled. Most of the dykes are dacite porphyry and range in width from less than 1 metre to 60 metres.

The Bethlehem ore deposits (East Jersey (092ISE002), Huestis (092ISE004), Iona (092ISE006), and Snowstorm (092ISE005) are controlled by north-trending faults and are localized in zones of closely-spaced fractures. Mineralization is concentrated in breccia bodies, faults and highly fractured areas. The Jersey fault cuts through the centre of the Jersey pit.

Hydrothermal alteration is restricted to the immediate area of the ore zones. The distribution of secondary biotite defines an inner potassic zone, sericite with kaolinite and montmorillonite define an intermediate phyllic zone, and epidote defines a peripheral propylitic zone. There is an outer halo of chloritized mafic minerals.

Metallic mineral zoning is very similar to alteration patterns. Bornite and chalcopyrite occur in the hydrothermal biotite zone, specularite in the epidote zone and minor pyrite in the outer halo. Molybdenite, chalcocite and magnetite occur in minor amounts. Malachite, azurite, chrysocolla, cuprite, native copper, hematite, goethite and manganese oxides occur to shallow depths. An age date from a sample of a mixture of magmatic and hydrothermal biotite from the Iona ore zone (092ISE006) returned 199 Ma +/- 8 Ma (Canadian Institute of Mining and Metallurgy Special Volume 15).

The Jersey orebody hosts disseminated mineralization and occurs in an area of relatively evenly distributed and variously oriented pervasive fracturing. Irregular, discontinuous quartz veins also hosts mineralization. Production from the Jersey pit began in 1964 and from the Jersey pit extension in 1977.

4. Craigmont Mine

The Craigmont Mine is 23 km south-southwest of the southern boundary of the Logan Lake Property and is not one of the Highland Valley mines.

The Promontory Hills area is underlain by a complex east- northeast trending, steeply dipping volcanic pile of Upper Triassic Nicola Group rocks, bounded to the north by the multistage Early Jurassic-Late Triassic Guichon Creek batholith and unconformably overlain by the Middle and Upper Cretaceous Spences Bridge Group. Most of the area is covered by extensive gravel overburden.

In the vicinity of Craigmont mine, the Border phase of the Guichon Creek batholith varies in composition from quartz diorite to granodiorite. These rocks intrude the Nicola Group, a thick volcanic and sedimentary series of agglomerate, breccia, andesitic flows, limestone, argillite and greywacke.

Attitudes parallel the intrusive contact zone. Sediments immediately adjacent to the batholith are hornfelsed quartzofeldspathic greywackes. Spences Bridge Group agglomerates and flows dip approximately 15 degrees to the south and outcrop in the areas south and west of the mine.

The mine lies adjacent to the southern margin of the Guichon Creek batholith. Host rocks to the mineralization are calcareous sedimentary rocks of the Nicola Group comprised of limestones, limy tuffs, greywackes and argillites.

The gross structure at the mine is a large anticline with ore- bearing drag folds on the north limb. These folds plunge 60 to 70 degrees eastward and are often occupied by diorite dykes. The anticline is cut off by a northwest trending fault on the west and an east trending fault on the south. Orebodies lie within a block bounded by these regional faults and the Guichon Creek intrusive.

Alteration mineralogy indicates thermal zoning. Within the hornfelsed zone, greywackes contain biotite and actinolite and limestone is altered to marble. Immediately to the south is a massive actinolite skarn which, in places, is further altered to epidote and garnet (grossularite, andradite).

Three types of alteration are present. First is a zone of potassic alteration with a related (second) distal hornfels. Third is skarn alteration which overprints the potassic alteration and some of the hornfels. The skarn is garnet-epidote-amphibolite in composition with some chlorite, tourmaline and sericite.

Semi-continuous ore is found over a strike length of 900 metres and a vertical depth of 600 metres. The five main orebodies are confined to the limy horizon between walls of greywacke and andesite.

Mineralization consists of magnetite, hematite and chalcopyrite and occurs as massive pods, lenses and disseminations extending through the calc-silicate horizon. The body is roughly tabular, trends east and dips near vertically. Minor folding and faulting is

present but do not significantly distort the mineralization. Chalcopyrite is associated with, but post-dates the magnetite and commonly encloses the magnetite.

Chalcopyrite is the principal ore mineral and occurs as veins, streaks, patches and coarse disseminations. It was first deposited with magnetite during the development of the actinolite skarn and later with specularite as fracture-fillings and veins. Bornite is present in small amounts. Pyrite is confined to areas of heavy garnet alteration. Approximately 20 per cent of the ore (by weight) is comprised of magnetite and hematite and along with actinolite, epidote, grossularite, andradite, pyrite and minor diopside, occur in the skarn. Supergene minerals, native copper and chalcocite, occur in a narrow oxidized zone immediately above the orebody. The apparent ore controls are favourable host rock, folding and brecciation of host rock, and proximity to the batholith.

d) Mineralization – Property

The Logan Lake Property contains six Minfile showings, the following descriptions of which are taken in whole or part from the BC government's web site "MapPlace". All UTM coordinates given below are NAD 83 and within zone 10U.

1. Dansey Showing– 92INE034

(UTM coordinates 5598877 northing, 650393 easting, which is within the northern part of the Dansey grid)

The Dansey property is located at the eastern edge of the Late Triassic-Middle Jurassic Guichon Creek batholith and overlies the contact between Hybrid phase and Guichon variety rocks. As mentioned above, diorite, quartz diorite and granodiorite are evident in the area with fracturing and shearing abundant in the diorite and quartz diorite but markedly less in the granodiorite.

Mineralization on the Dansey property is associated with diorite and quartz diorite. Most of the mineralization occurs along fractures but the majority of it is associated with a second group of fractures that strike from 040 to 080 degrees. The main minerals include chalcopyrite and pyrite, with minor amounts of molybdenite, specularite, chalcocite and bornite. Malachite, azurite and chrysocolla occur as secondary minerals. Areas of moderate copper-molybdenum mineralization (>0.1 per cent copper) occur near the contact between diorite and quartz diorite with weak zones of copper-molybdenum mineralization scattered throughout the diorite.

Trenching has exposed disseminations and blebs of chalcopyrite, pyrite, bornite, hematite, magnetite and molybdenite mineralization in and adjacent to several northeast faults and shear zones in quartz diorite. The faults and shears mostly dip northwest at moderate to high angles. The shears are characterized by intensely chloritized and sericitized quartz diorite and vary from 1.5 to 9 metres wide. Near the shears are random fractured zones with pyrite and minor chalcopyrite on fracture planes.

2. *Dab Showing– 92INE040*

(UTM coordinates 5599883 northing, 649911 easting, which is about 1 km north of the Dansey grid)

The Dab property lies close to the northwest trending contact between Upper Triassic Nicola Group volcanics to the east from intrusive rocks of the Late Triassic-Middle Jurassic Guichon Creek batholith to the west. In this area Guichon rocks appear to be quartz diorite of the Hybrid phase.

Very low grade copper mineralization (inferred to be disseminated chalcopyrite) occurs in mafic intrusive rocks (Nicola?). The mineralization was found by drilling but is not reported in assessment reports (W.J. McMillan, 1970).

3. *Tunkwa Lake Past Producer– 92INE039*

(UTM coordinates 5608605 northing, 654363 easting, which is 11 km north-northeasterly of the Noname grid)

Mercury showings of the Savona Mercury Belt are associated with faulted, carbonate and/or silica altered zones within Triassic or Jurassic metasediments or metavolcanics and are spatially related to Tertiary intrusions. The Tunkwa Lake mercury prospect is believed to cap one of these Tertiary bodies and is thought to represent the upper, low temperature horizon of an epithermal system that could carry precious metal values at depth. Most of the recent work on the showing has focused on this potential.

The Tunkwa Lake property is underlain by north striking and moderately east dipping Upper Triassic Nicola Group andesitic metavolcanics with intercalated siltstone, sandstone, argillite and occasional limestone units. The volcanics comprise andesitic agglomerates, and amygdaloidal and feldspar porphyry andesite flows. The Nicola rocks are locally cut by diorite dikes and later rhyodacite dikes. Several faults are believed to pass through the property. Wide zones of brecciated rock or gouge, pervasively carbonate and/or silica replaced, mark the trace of the larger faults on surface. Elevated mercury, antimony and arsenic values accompany late ankerite, dolomite and quartz veinlets and pervasive low temperature silica replacement to depths of at least 125 metres within one major fault zone, but precious metal values are uniformly low.

The most intense carbonate/silica alteration occurs at the Tunkwa Lake showing where the metavolcanics have been highly fractured and brecciated by a fault zone. A banded andesitic tuff is altered to ankerite and veined with dolomite. The carbonate zone is mineralized with disseminated stibnite, tetrahedrite, chalcopyrite, malachite and azurite with cinnabar occurring as thin films and small masses in dolomite and quartz veins. Zones of silica replacement occur up to 5 metres in width with several small silicified breccia zones mended with chalcedony.

4. *Bertha-Molly Past Producer– 92ISE190*

(UTM coordinates 5590427 northing, 662497 easting, which is within the northeast corner of the Molly grid)

The Dupont Lake area is underlain mainly by Upper Triassic Nicola Group intermediate volcanics and derivatives. Approximately 8 kilometres to the west, Nicola Group rocks are in contact with the Lower Jurassic Guichon Creek batholith. Quartz diorite outcrops southwest of Dupont Lake.

The Bertha-Molly showing is hosted by purplish amygdaloidal andesites with intercalated reddish tuffs. These rocks are strongly fractured and chloritized. The original shaft was sunk at a point where patches of cuprite occur in fractures. Small shipments were made.

In 1942, George Campbell did some surface-stripping on a copper showing, about 457 metres west of an old shaft. Production from this occurrence, known as the Lost group, was 31 tonnes, yielding 218 grams of silver and 626 kilograms of copper.

Recent development has exposed malachite, azurite, chalcopyrite, cuprite and pyrite hosted by shears and fracture-fillings in vesicular volcanics and red tuffs. Mineralization is structurally controlled with an apparent north trend. A common alteration is calcite and epidote with silicification becoming stronger at depth

5. *Ford Showing – 92ISE009*

(UTM coordinates 5595161 northing, 660635 easting, which is 5,800 meters north-northwesterly of the Molly grid)

The Ford occurrence occupies the area north of Meadow Creek, which is underlain by dark grey to purplish red porphyritic amygdaloidal flows of the Upper Triassic Nicola Group. The lavas are typically amygdaloidal and vary in composition from olivine basalt to augite andesitic basalt. Alteration consists of albitization of plagioclase and propylitization of pyroxene to epidote, zoisite and calcite, with or without chlorite. The rock is locally shot through with sericite and epidote. Flows averaging 1.8 metres thick strike 050 degrees and dip 30 degrees northeast.

The original open cuts (pre-1915) expose copper carbonate ore with occasional flecks of bornite and chalcocite along fracture planes in amygdaloidal flows. The adit follows a mineralized shear zone striking 040 degrees and intersects an east trending set of faults.

Chalcocite(?), bornite and some malachite occur in amygdules and associated veins in flow tops. Gangue minerals include chlorite, sericite, clinozoisite, zeolite and calcite. Some mineralization also occurs in calcite veins, calcite-epidote-sericite veins, sericite-zoisite veins and chlorite veins. Carbonate-zeolite veins are barren.

Drill core assays range from 0.22 to 2.8 per cent copper over an interval of less than one metre (Minister of Mines Annual Report 1973).

6. *Quen Showing – 92ISE190*

(UTM coordinates 5587148 northing, 662420 easting, which is 3,000 meters south of the Molly grid)

The Quen occurrence is underlain by augite and plagioclase porphyritic andesitic flows and red volcanic conglomerate of the Upper Triassic Nicola Group. Chalcopyrite, bornite, pyrite, native copper, molybdenite, chalcocite, malachite and azurite occur in the andesitic flows.

MMI SOIL SAMPLING

a) Sampling Procedure

The samples were picked up within three grids as described in the following table.

GRID	LINE DIRECTION	LINE SPACING	NUMBER of LINES	SAMPLE SPACING	NUMBER of SAMPLES
Dansey	north	100 meters	10	25 meters	402
Last SNL	north	100 meters	19	50 meters	571
Noname	east	50 meters	18	25 meters	250
TOTAL			47		1,223

The sampling procedure was to first remove the organic material from the sample site (A₀ layer) and then dig a pit over 25 cm deep with a shovel. Sample material was then scraped from the sides of the pit over the measured depth interval of 10 centimeters to 25 centimeters. About 250 grams of sample material was collected and then placed into a plastic Zip-loc sandwich bag with the sample location marked thereon. The 1,223 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. Quality control consists of retesting every 12th sample as well as continuously carrying out testing on standards. Accepted geochemistry standards are repeats within 10% of each other.

c) Compilation of Data

Eleven elements were chosen out of the 46 reported on and these were copper, zinc, gold, molybdenum, silver, lead, cobalt, cadmium, nickel, cerium, and uranium. The mean background value was calculated for each of these 11 elements and this number was then divided into the reported value to obtain a figure called the response ratio. However, because it was thought that the Noname Grid was underlain by a different rock-type than that of the Dansey and Last SNL grids, the mean background values were calculated separately for the Noname grid from that of the other two grids. The mean background values in parts per billion (ppb) were calculated as follows:

Grid	Ag	Au	Cd	Ce	Co	Cu	Mo	Ni	Pb	U	Zn
Dansey, Last SNL	7	0.1	5.8	41	24	613	4.6	149	29	7.6	118
Noname	1.7	0.1	2.9	12	18.6	348	4.3	222	8	13	10.3

Two sets of stacked histograms were then made for each of the eight lines of samples of the response ratios as shown on figures #6 through to #101, respectively. The one stacked histogram set consisted of the following elements, in order, copper, gold, arsenic, silver, cobalt, and molybdenum, and the second stacked histogram consisted of copper, nickel, lead, zinc, and cerium.

A plan map was made for each of eleven metals, being copper, zinc, molybdenum, gold, silver, lead, cobalt, cadmium, nickel, cerium, and uranium on maps GC-1 to GC-11, respectively. On each map, the response ratio data were plotted and contoured at a logarithmic interval.

DISCUSSION OF RESULTS

The MMI survey within the three-grid area revealed two main anomalous zones of strong exploration interest. These have been labeled the Central Anomaly and the Valley Anomaly.

Central Anomaly

The Central Anomaly consists of very strong copper values that reach 333,329 ppb, which is extremely high for MMI copper. This anomaly also correlates with molybdenum, gold, and silver anomalous values. This copper-molybdenum-gold-silver anomalous area extends 1,700 meters in a northerly direction by 800 meters in a westerly direction, and is open to the west. In addition, the gold anomaly is open to the north.

Zinc, cadmium, with some anomalous lead values correlate with the main copper-molybdenum-gold-silver anomaly but also occur around its perimeter. If the zinc anomaly is included with the copper anomaly then the extent of the Central Anomaly increases to 3,000 meters in a north direction, being open to both the north and south, by 1,200 meters in a west direction, being open to both the east and west.

Anomalous cobalt values occur throughout the area, especially within the northwest corner of the Dansey grid. This may simply be a reflection of pyrite that is associated with the causative source of the Central Anomaly.

A smaller uranium anomaly occurs to the immediate east of the Central Anomaly.

The Central Anomaly displays a typical geochemical signature of a porphyry copper mineral deposit – namely, anomalous copper values correlating with and surrounded by anomalous zinc values.

The historical Dansey showing occurs within the central anomaly, as shown on the plan maps, but not directly with any of the anomalous values. Either the location as taken from the BC government web site is wrong, or it is the average location for a number of mineral occurrences. However, the most interesting aspect of the Central Anomaly/Dansey Showing correlation is that the MMI survey has indicated that the mineralization may extend over a much wider area.

Valley Anomaly

The Valley Anomaly occurs within the northeast part of the Noname Grid. It is also a copper-molybdenum anomaly with gold and silver anomalous values though the molybdenum values are much stronger than those of the Central Anomaly. In addition this anomaly contains very strong uranium values that are up to 3300 ppb which is 260 times background. This is very significant for uranium and thus may indicate uranium mineralization.

The Valley Anomaly is a minimum 700 meters in a northerly direction, being open to the north, by a minimum 400 meters in an east direction, being open to the east. Of note, the copper part of the anomaly, which reaches a high of 33,500 ppb, is surrounded by the molybdenum part, which reaches a high of 1,210 ppb (a strong molybdenum response). That is, copper and molybdenum mineralization does not appear to occur

together. However, the uranium anomalous values occur with both the copper and molybdenum anomalous values.

Possible Lithologic Contacts

To the immediate west of the Valley Anomaly is a very strong zinc anomaly. In fact, the sharp edge of the zinc anomaly suggests the possibility that it may actually occur within a different rock-type, that is, the eastern edge reflects a lithologic contact. Therefore, the writer has drawn this possibility onto the 11 plan maps. As a result, it can be seen that this possible contact is also evident with several of the other metals. The high zinc values on the west side of the contact also correlate with high silver, lead, cadmium, and cerium values. On the other hand, the molybdenum and uranium anomalous values occur on the east side with copper occurring mostly on the east side but some also on the west side. In addition, a nickel anomaly occurs on the east side correlating directly with the copper part of the Valley anomaly.

According to the geology map (fig. 5) taken from the MapPlace web site, the entire grid occurs within the Guichon Creek batholith. However, there is also some indication that it may be underlain entirely by the Nicola Group. For example, the Dab showing, which is only 300 (?) meters northwest of the Noname grid, may contain Nicola rocks. Also, the MMI data, especially the copper, within the Dansey grid suggest the possibility of a northerly-trending contact to the immediate east of the Central Anomaly with Guichon Creek intrusives to the west and Nicola volcanics to the east.

However, the suggested contact within the Noname grid could also be a contact between Guichon Creek intrusives to the west and Nicola volcanics to the east. In support of this is the occurrence of the nickel anomaly east of the contact and cerium anomaly west. MMI nickel, besides reflecting nickel mineralization, also often reflects more basic rock types such as basalt, which is a rock-type within the Nicola volcanics. And cerium, besides reflecting rare earth mineralization, is often a reflection of more acidic rock-types, such as the rocks of the Guichon Creek batholith.

The MMI results indicate numerous possibilities and thus the area should be geologically mapped and/or prospected in order to sort the possibilities out.

Other Anomalies

A smaller copper/molybdenum/zinc/silver/gold/uranium anomaly occurs to the immediate east and south of the Central anomaly. It is about 400 meters in a north-south direction and about 300 meters in an east-west direction. The values are somewhat lower than the two main anomalies but this may simply be a result of sulphide mineralization at a greater depth.

A fourth anomaly with the same metals occurs to the south of the above mentioned anomaly and appears to extend onto the Last SNL grid. If this turns out to be the case, then this anomaly would be about 700 meters in a north-south direction by a few

hundred meters in an east-west direction (The exact size is difficult to say because of the large space between the two grids).

Within the Last SNL grid is a copper/molybdenum/cadmium/uranium anomaly that extends from the southeast corner of the Last SNL grid in a wide arc to the west central edge of the same grid. It is a narrower anomaly, about 100 meters wide, but it extends across the entire grid for a minimum strike length of 1800 meters being open to both the east and west. It is also a weaker anomaly but, as suggested above, may be reflecting deeper mineralization.

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- Sutherland Brown, A., - Editor, Porphyry Deposits of the Canadian Cordillera, Special Volume 15, The Canadian Institute of Mining and Metallurgy, 1976

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 Surveys Ltd., 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 40 years, and have been active in the mining industry for the past 43 years.
3. This report is compiled from data obtained from an MMI soil sampling survey carried out by a 9-man crew of Geotronics Consulting headed by me over the Dansey, Noname, and Last SNL grids within the western part of the Logan Lake Property June 29th to July 20th, 2008.
4. I do not hold any interest in SNL Enterprises Ltd, nor in any of its properties, nor will I receive any interest as a result of writing this report.

David G. Mark, P.Ge.
Geophysicist

September 10th, 2008

AFFIDAVIT OF EXPENSES

MMI soil sampling with grid emplacement was carried out over the Dansey Grid which is a portion of the Logan Lake Property belonging to SNL Enterprises Ltd, which occurs on and around the village of Logan Lake, located 40 km due north of the city of Merritt, B.C, from June 29th to the July 3rd, 2008, to the value of the following:

FIELD:

Mob/demob share	\$ 1,200.00	
MMI Survey, 9-man crew, 4 days @ \$3,700/day	14,800.00	
Courier costs for sample shipping	<u>246.00</u>	
TOTAL	\$16,246.00	\$16,246.00

LABORATORY:

Testing of 402 samples @ \$37/sample	\$14,874.00	\$14,874.00
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DATA REDUCTION and REPORT:

Senior geophysicist, 30 hrs @ \$60/hr	\$1,800.00	
Geophysical technician, 45 hours @ \$40/hour	1,800.00	
Report compilation and photocopying	<u>210.00</u>	
	\$3,810.00	\$3,810.00

GRAND TOTAL **\$34,930.00**

Respectfully submitted,
Geotronics Consulting Inc.

David G. Mark, P.Geo,
Geophysicist

September 10th, 2008

AFFIDAVIT OF EXPENSES

MMI soil sampling with grid emplacement was carried out over the Noname and Last SNL Grids which is a portion of the Logan Lake Property belonging to SNL Enterprises Ltd, which occurs on and around the village of Logan Lake, located 43 km due north of the city of Merritt, B.C, from July 8th to the July 20th, 2008, to the value of the following:

FIELD:

Mob/demob share	\$ 1,900.00	
MMI Survey, 9-man crew, 6 days @ \$3,700/day	22,200.00	
Courier costs for sample shipping	<u>550.00</u>	
TOTAL	\$24,650.00	\$24,650.00

LABORATORY:

Testing of 821 samples @ \$37/sample	\$30,377.00	\$30,377.00
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DATA REDUCTION and REPORT:

Senior geophysicist, 25 hrs @ \$60/hr	\$1,500.00	
Geophysical technician, 75 hours @ \$40/hour	3,000.00	
Report compilation and photocopying	<u>210.00</u>	
	\$3,710.00	\$3,710.00

GRAND TOTAL **\$58,737.00**

Respectfully submitted,
Geotronics Consulting Inc.

David G. Mark, P.Geo,
Geophysicist

September 10th, 2008

APPENDIX - MMI TOTAL DATA

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Line 49900E, Dansey																
49900	98200N	21	17	5	0.05	7190	0.5	640	4	125	41	50	6160	44	19.5	11.3
49900	98225N	16	65	5	0.05	2850	0.5	390	3	76	24	50	620	11	4.8	2.3
49900	98250N	8	143	5	0.05	2250	0.5	310	10	81	28	50	640	14	7.5	3.1
49900	98275N															
49900	98300N	7	4	10	0.05	1280	0.5	380	2	35	85	50	15900	7	3.5	1.7
49900	98325N	9	51	5	0.05	3070	0.5	450	10	710	318	50	2180	59	28.6	14.3
49900	98350N	14	41	5	0.2	4600	0.5	570	11	479	66	50	7630	208	118	43.9
49900	98375N	13	50	5	0.3	3790	0.5	630	11	244	51	50	6540	121	66.5	25.7
49900	98400N	17	25	5	0.9	1040	0.5	1010	6	37	54	50	9100	40	21	7.6
49900	98425N	14	46	5	0.6	2790	0.5	770	10	201	91	50	6410	98	56.6	19.7
49900	98450N	14	65	5	0.2	1980	0.5	670	12	179	72	50	8410	112	68.2	23.2
49900	98475N	8	60	5	0.1	3950	0.5	670	10	526	90	50	3290	149	81.1	30.8
49900	98500N	14	19	5	0.05	2850	0.5	570	6	114	20	50	1380	22	9.6	5.4
49900	98525N	10	24	5	0.05	5070	0.5	520	4	439	20	50	980	24	10.7	5.7
49900	98550N	17	63	10	0.05	5620	0.5	390	4	466	14	50	730	35	13.9	7.9
49900	98575N	16	67	5	0.05	3520	0.5	400	5	160	16	50	700	22	10.2	5.2
49900	98600N	5	99	5	0.05	4650	0.5	460	107	163	31	50	5200	30	16.8	6.6
49900	98625N	0.5	0.5	5	0.05	5	0.5	5	0.5	2.5	2.5	50	5	0.5	0.25	0.25
49900	98650N	21	35	5	0.4	3480	0.5	660	159	95	110	50	51800	11	5.9	4.4
49900	98675N															
49900	98700N															
49900	98725N	13	60	5	0.2	3210	0.5	480	7	400	36	50	3080	36	17.7	11.1
49900	98750N															
49900	98775N															
49900	98800N	34	15	5	0.2	1080	0.5	380	10	52	166	50	6290	25	16.3	5.1
49900	98825N	35	16	5	0.2	2930	0.5	720	15	33	112	50	11100	12	5.8	2.5
49900	98850N	16	49	5	0.05	3520	0.5	400	5	1250	344	50	700	80	35.6	19.5
49900	98875N	31	20	5	0.1	1940	0.5	680	11	13	65	50	3400	4	2.1	0.9
49900	98900N	57	51	5	0.05	4020	0.5	590	27	96	20	50	4880	13	7	3.4
49900	98925N	65	130	5	0.05	3040	0.5	330	15	304	145	50	910	35	19.1	6.9
49900	98950N	30	56	5	0.2	1880	0.5	390	36	151	72	50	9620	20	11.1	4.5
49900	98975N	33	37	5	0.05	3360	0.5	580	11	71	23	50	2100	14	7	3.6
49900	99000N	13	16	5	0.1	290	0.5	270	26	18	219	50	3050	10	10.5	2.4
49900	99025N	5	122	5	0.05	1370	0.5	440	120	2.5	144	50	4060	4	5.7	0.6
49900	99050N	25	137	5	0.05	2280	0.5	330	10	140	28	50	1670	45	26	8.1
49900	99075N	31	30	5	0.2	70	0.5	310	6	20	34	50	5160	34	37.6	7
49900	99100N	11	87	5	0.05	1440	0.5	400	12	94	61	50	16600	20	13.1	5.9
49900	99125N	25	115	5	0.05	2880	0.5	510	5	480	188	50	1750	70	40.9	13.1
49900	99150N	20	27	5	0.1	1110	0.5	540	12	133	282	50	3040	25	14	5.1
49900	99175N	18	98	5	0.05	1410	0.5	370	12	53	41	50	2620	23	13.3	3.9
49900	99200N	11	90	5	0.05	2950	0.5	480	13	206	60	50	4720	32	18.7	6.8
Line 50000E, Dansey																
50000	98200N	16	33	5	0.05	4200	0.5	540	8	489	77	50	1190	50	25.3	12.8

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Line 49900E, Dan																		
49900	98200N	13	65	81	2.5	194	11	0.9	183	164	30	0.5	32	0.5	86	0.5	15	50
49900	98225N	43	13	22	2.5	75	7	2	42	55	50	0.5	8	0.5	86	0.5	20	11
49900	98250N	56	17	25	2.5	57	12	2.3	52	59	100	0.5	10	0.5	125	0.5	28	14
49900	98275N																	
49900	98300N	9	10	9	22	377	67	1	29	249	10	0.5	5	0.5	85	2	5	8
49900	98325N	43	79	176	15	175	23	1.8	306	657	50	1	64	0.5	77	0.5	67	70
49900	98350N	16	260	197	29	205	17	0.3	605	1020	70	0.5	97	0.5	39	0.5	28	182
49900	98375N	23	147	121	33	197	16	0.3	345	834	50	0.5	58	0.5	56	0.5	27	105
49900	98400N	9	49	7	7	277	15	0.3	63	348	20	0.5	8	0.5	11	0.5	7	27
49900	98425N	17	112	84	24	232	11	0.3	242	872	60	0.5	40	0.5	37	0.5	23	75
49900	98450N	29	130	86	8	137	6	0.3	292	845	60	0.5	47	0.5	25	0.5	38	91
49900	98475N	31	178	219	14	147	11	0.7	501	708	100	0.5	93	0.5	42	0.5	45	134
49900	98500N	22	30	44	2.5	116	10	1	98	288	40	0.5	18	0.5	42	0.5	18	26
49900	98525N	26	30	65	10	106	7	1.2	111	184	50	0.5	22	0.5	37	0.5	27	27
49900	98550N	43	42	128	2.5	87	7	2.2	176	83	60	1	40	0.5	72	0.5	37	38
49900	98575N	47	29	55	2.5	68	6	2.6	108	51	70	1	21	0.5	89	0.5	32	26
49900	98600N	54	35	44	2.5	42	5	1.2	110	125	190	0.5	20	0.5	94	0.5	49	29
49900	98625N	0.5	0.5	0.5	2.5	0.5	2.5	0.3	0.5	2.5	5	0.5	0.5	0.5	2.5	0.5	2.5	0.5
49900	98650N	26	18	35	2.5	60	8	0.6	69	72	100	0.5	13	0.5	108	0.5	19	16
49900	98675N																	
49900	98700N																	
49900	98725N	21	47	130	2.5	91	10	0.3	191	80	50	0.5	43	0.5	60	0.5	58	41
49900	98750N																	
49900	98775N																	
49900	98800N	8	29	14	6	254	8	0.3	53	673	50	0.5	9	0.5	21	0.5	13	19
49900	98825N	11	15	14	2.5	129	7	0.7	35	174	30	0.5	7	0.5	9	0.5	12	11
49900	98850N	34	102	291	13	122	8	1.1	420	269	130	0.5	99	0.5	42	0.5	75	93
49900	98875N	15	4	2	2.5	204	12	0.3	8	305	110	0.5	1	0.5	28	0.5	10	3
49900	98900N	30	16	28	2.5	93	8	1.7	52	87	40	0.5	11	0.5	69	0.5	15	13
49900	98925N	80	37	104	2.5	89	7	4.7	134	152	360	1	32	0.5	37	0.5	63	31
49900	98950N	24	27	43	2.5	107	7	1	88	130	30	0.5	19	0.5	68	0.5	19	22
49900	98975N	30	19	29	2.5	59	6	1.4	56	144	60	0.5	11	0.5	57	0.5	10	14
49900	99000N	7	9	6	9	231	13	0.3	21	387	70	0.5	4	0.5	80	0.5	25	7
49900	99025N	76	3	0.5	2.5	68	7	0.3	4	47	40	0.5	0.5	0.5	64	0.5	33	2
49900	99050N	61	46	68	2.5	28	2.5	1.1	130	41	140	0.5	27	0.5	63	0.5	34	36
49900	99075N	11	30	17	2.5	169	5	0.3	57	370	5	0.5	10	0.5	24	0.5	48	20
49900	99100N	20	24	39	2.5	85	2.5	0.3	79	131	30	0.5	17	0.5	31	0.5	35	20
49900	99125N	60	73	131	14	94	6	2.6	218	242	160	0.5	51	0.5	57	0.5	104	57
49900	99150N	16	28	33	5	159	7	1.3	68	385	110	0.5	14	0.5	30	0.5	17	20
49900	99175N	36	24	19	2.5	32	8	1.8	51	99	120	0.5	10	0.5	83	0.5	22	16
49900	99200N	55	35	58	2.5	79	8	1.7	110	148	120	0.5	24	0.5	67	0.5	39	29
Line 50000E, Dan																		
50000	98200N	33	68	142	2.5	98	12	1.1	246	450	100	0.5	51	0.5	55	0.5	23	60

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Line 49900E, Dan															
49900	98200N	0.5	3350	0.5	8	5	14	6	0.3	96	0.5	226	14	40	72
49900	98225N	0.5	1900	0.5	2	5	7.2	124	0.3	8	0.5	45	4	150	98
49900	98250N	0.5	1490	0.5	2	5	9.4	336	0.3	15	0.5	66	6	620	141
49900	98275N														
49900	98300N	0.5	3570	0.5	1	5	2.8	15	0.3	37	1	36	3	10	22
49900	98325N	0.5	3010	0.5	10	5	19	99	0.3	27	1	281	21	100	180
49900	98350N	0.5	3140	0.5	33	5	13	1.5	0.3	38	2	1160	89	120	78
49900	98375N	0.5	3040	0.5	19	5	9.6	4	0.3	17	1	674	49	420	64
49900	98400N	0.5	4030	0.5	6	5	1.4	1.5	0.3	20	0.5	215	13	10	14
49900	98425N	0.5	3430	0.5	15	5	8.2	1.5	0.3	14	1	548	43	140	39
49900	98450N	0.5	2930	0.5	17	5	6.6	1.5	0.3	14	1	669	55	100	52
49900	98475N	0.5	3280	0.5	23	5	14	14	0.3	22	1	796	61	250	105
49900	98500N	0.5	2690	0.5	4	5	7.8	47	0.3	8	0.5	99	7	190	55
49900	98525N	0.5	2890	0.5	4	5	13	40	0.3	11	0.5	104	8	80	104
49900	98550N	0.5	2430	0.5	6	5	16	120	0.3	13	0.5	141	9	250	161
49900	98575N	0.5	2200	0.5	4	5	10	142	0.3	12	0.5	103	8	250	160
49900	98600N	0.5	1600	0.5	5	5	9.1	110	0.3	8	0.5	149	13	4450	99
49900	98625N	0.5	5	0.5	0.5	5	0.3	1.5	0.3	0.5	0.5	2.5	0.5	10	2.5
49900	98650N	0.5	1570	0.5	2	5	5.2	15	0.3	8	0.5	70	5	1260	22
49900	98675N														
49900	98700N														
49900	98725N	0.5	3490	0.5	7	5	13	15	0.3	11	0.5	183	13	160	42
49900	98750N														
49900	98775N														
49900	98800N	0.5	2950	0.5	4	5	4.9	5	0.3	11	0.5	132	15	380	23
49900	98825N	0.5	3940	0.5	2	5	2.2	32	0.3	13	0.5	60	4	1120	23
49900	98850N	0.5	3300	0.5	16	5	21	47	0.3	26	0.5	354	27	200	141
49900	98875N	0.5	3960	0.5	0.5	5	1.9	24	0.3	7	0.5	16	2	740	12
49900	98900N	0.5	4040	0.5	2	5	4.8	69	0.3	15	0.5	72	6	1730	72
49900	98925N	0.5	3000	0.5	6	5	28	435	0.3	18	0.5	183	16	1400	287
49900	98950N	0.5	4320	0.5	4	5	4.2	20	0.3	16	0.5	104	9	1580	62
49900	98975N	0.5	2600	0.5	3	5	5.8	37	0.3	8	0.5	72	5	360	43
49900	99000N	0.5	1850	0.5	1	5	0.8	1.5	0.3	6	0.5	47	15	430	17
49900	99025N	0.5	1940	0.5	0.5	5	2.9	41	0.3	5	0.5	28	9	7390	22
49900	99050N	0.5	1970	0.5	7	5	12	123	0.3	14	0.5	258	22	260	115
49900	99075N	0.5	2230	0.5	5	5	0.3	1.5	0.3	4	0.5	186	44	420	9
49900	99100N	0.5	2390	0.5	3	5	2.5	6	0.3	10	0.5	125	14	250	25
49900	99125N	0.5	3070	0.5	12	5	21	256	0.3	18	0.5	365	36	470	207
49900	99150N	0.5	2840	0.5	4	5	11	25	0.3	19	0.5	110	12	1100	79
49900	99175N	0.5	1720	0.5	4	5	3.4	143	0.3	16	0.5	135	11	1000	68
49900	99200N	0.5	2460	0.5	6	5	10	116	0.3	23	0.5	180	15	1310	93
Line 50000E, Dan															
50000	98200N	0.5	3100	0.5	10	5	22	46	0.3	13	0.5	251	20	310	80

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50000	98225N	25	32	5	0.05	4090	0.5	610	17	304	58	50	1820	68	33.5	15.6
50000	98250N	32	111	5	0.05	2450	0.5	540	11	428	202	50	1470	57	29.8	11.9
50000	98275N	29	98	5	0.05	3670	0.5	470	10	527	144	50	3780	90	51.1	18.1
50000	98300N	17	104	5	0.05	2600	0.5	470	21	289	63	50	2790	49	26.6	9.7
50000	98325N	20	100	5	0.05	3810	0.5	350	20	304	35	50	880	35	18.6	7
50000	98350N	47	34	5	0.05	4200	0.5	660	15	280	123	50	1840	42	21	9.7
50000	98375N	22	101	5	0.05	3320	0.5	400	5	440	143	50	1380	37	17.1	8.2
50000	98400N	22	119	5	0.05	3490	0.5	400	16	325	277	50	1770	61	34.9	10.4
50000	98425N	24	40	5	0.05	2990	0.5	590	11	72	25	50	590	6	3	1.4
50000	98450N	25	79	5	0.05	3090	0.5	460	14	175	89	50	880	22	11.6	5
50000	98475N	25	101	5	0.05	3430	0.5	390	31	306	86	50	970	24	13.8	5
50000	98500N	24	121	5	0.05	4260	0.5	410	15	535	207	50	2130	100	62.2	18.1
50000	98525N	53	31	5	0.3	3790	0.5	720	12	34	166	50	6540	20	20.6	2.5
50000	98550N	18	38	5	0.9	4090	0.5	750	11	96	136	50	12800	51	47.3	9.3
50000	98575N	12	50	5	0.05	6420	0.5	660	10	744	90	50	1890	117	62.3	25.9
50000	98600N	65	17	5	2.4	2410	0.5	970	15	2.5	67	50	8000	4	4	0.25
50000	98625N	29	13	5	0.2	2380	0.5	730	31	19	106	50	4450	22	13.2	4.8
50000	98650N	39	5	5	0.2	7850	0.5	660	36	33	154	50	19800	24	18.3	5.1
50000	98675N	29	22	5	0.05	7820	0.5	620	115	80	48	50	6110	23	11.5	6.3
50000	98700N	6	8	5	0.3	360	0.5	470	48	2.5	28	50	50100	3	3	0.25
50000	98725N	30	16	5	0.4	6170	0.5	940	30	117	596	50	22300	31	17	8.8
50000	98750N	22	16	5	0.5	5180	0.5	700	16	193	282	50	44200	39	24.5	12.5
50000	98775N	86	14	5	1.3	4440	0.5	980	9	71	307	50	60500	19	14.5	4.6
50000	98800N	15	27	5	0.4	6190	0.5	920	5	253	422	50	12300	32	15.6	8
50000	98825N	42	85	5	0.05	3720	0.5	520	6	376	229	50	2520	40	20.4	10
50000	98850N	17	106	5	0.05	2750	0.5	660	10	263	340	50	5270	51	31.8	11
50000	98875N	14	86	5	0.5	3000	0.5	640	4	255	114	50	1690	38	19.3	8.8
50000	98900N	5	140	5	0.05	1990	0.5	360	34	36	49	50	2720	12	9	1.9
50000	98925N	12	135	5	0.05	2530	0.5	500	3	337	126	50	1990	33	17.3	7.7
50000	98950N	28	28	5	0.05	1400	0.5	1070	4	33	92	50	2940	7	3.6	1.7
50000	98975N	17	82	5	0.2	2310	0.5	690	11	366	261	50	4810	52	32.6	11
50000	99000N	20	63	5	0.1	2750	0.5	790	5	629	609	50	4290	95	47.9	21.8
50000	99025N	20	139	5	0.2	3020	0.5	460	5	647	313	50	3720	75	38.3	18.7
50000	99050N	16	74	5	0.1	2590	0.5	610	6	360	214	50	4630	36	18	8.5
50000	99075N	21	42	5	0.05	2570	0.5	720	33	139	35	50	1650	13	6.7	3.3
50000	99100N	97	8	5	0.6	1190	0.5	920	12	5	84	50	30100	7	3.6	1.6
50000	99125N	40	19	5	0.05	2370	0.5	640	4	124	26	50	1780	18	8.6	4.4
50000	99150N	17	49	5	0.05	1120	0.5	420	2	296	101	50	940	18	9	4.9
50000	99175N	22	121	5	0.05	2270	0.5	320	8	285	15	50	910	56	29.8	11.8
50000	99200N	23	138	5	0.2	2970	0.5	520	6	462	98	50	3120	68	38.6	15.2
Line 50100E, Dansey																
50100	98200N	19	73	5	0.05	3670	0.5	530	9	770	249	50	2010	80	40.8	17.6
50100	98225N	12	83	5	0.05	3400	0.5	530	12	281	47	50	570	20	9.8	4.4
50100	98250N	36	22	5	0.2	4260	0.5	570	9	190	72	50	3410	77	42	17.8

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50000	98225N	26	83	137	2.5	109	8	0.9	251	406	90	0.5	51	0.5	43	0.5	21	65
50000	98250N	70	57	128	2.5	140	10	1.5	185	566	200	0.5	41	0.5	32	0.5	84	47
50000	98275N	72	97	164	2.5	95	9	1.2	292	705	170	0.5	61	0.5	49	0.5	106	73
50000	98300N	53	50	74	2.5	74	8	0.8	144	411	140	0.5	29	0.5	47	0.5	62	39
50000	98325N	68	34	62	2.5	73	12	1.6	108	523	140	0.5	24	0.5	25	0.5	92	28
50000	98350N	30	51	93	2.5	116	9	1.4	158	432	140	0.5	33	0.5	49	0.5	26	42
50000	98375N	61	39	104	2.5	80	7	1.5	145	221	130	0.5	33	0.5	66	0.5	85	34
50000	98400N	94	55	89	2.5	85	5	1.3	155	614	370	0.5	33	0.5	49	0.5	87	41
50000	98425N	33	7	18	2.5	49	8	1.4	21	126	80	0.5	5	0.5	35	0.5	14	5
50000	98450N	74	24	47	2.5	69	9	1.9	77	265	160	0.5	16	0.5	44	0.5	50	20
50000	98475N	87	25	53	2.5	85	16	2.2	86	431	190	0.5	19	0.5	88	0.5	97	21
50000	98500N	117	98	137	2.5	92	11	2.7	278	723	240	0.5	58	0.5	76	0.5	157	77
50000	98525N	9	14	14	2.5	138	7	0.3	28	633	70	0.5	5	0.5	34	0.5	17	8
50000	98550N	10	48	57	2.5	159	7	0.3	120	1080	60	0.5	22	0.5	29	0.5	16	33
50000	98575N	21	135	206	2.5	218	9	0.9	406	844	150	0.5	81	0.5	27	0.5	39	110
50000	98600N	8	2	0.5	2.5	250	17	0.3	0.5	555	20	0.5	0.5	0.5	2.5	0.5	2.5	0.5
50000	98625N	8	26	8	2.5	250	14	0.3	40	436	40	0.5	5	0.5	39	0.5	6	15
50000	98650N	5	26	28	2.5	220	10	0.3	68	759	60	0.5	11	0.5	2.5	0.5	2.5	17
50000	98675N	14	33	40	2.5	94	7	0.9	92	99	120	0.5	19	0.5	75	0.5	10	27
50000	98700N	7	3	2	2.5	62	30	0.3	0.5	114	5	0.5	1	0.5	45	3	7	1
50000	98725N	6	43	33	7	259	107	0.3	107	1530	10	0.5	20	0.5	27	0.5	2.5	32
50000	98750N	11	54	75	15	214	59	0.3	189	452	5	0.5	38	0.5	55	0.5	16	46
50000	98775N	7	20	15	12	185	505	0.3	54	477	5	0.5	11	0.5	25	0.5	13	15
50000	98800N	22	40	69	2.5	158	24	0.8	124	412	70	0.5	28	0.5	37	0.5	14	32
50000	98825N	52	51	128	2.5	117	10	2.2	191	254	140	0.5	45	0.5	40	0.5	48	45
50000	98850N	49	55	85	8	103	9	1.7	157	346	350	0.5	36	0.5	42	0.5	65	42
50000	98875N	33	47	91	7	118	2.5	1.5	152	168	250	0.5	35	0.5	16	0.5	31	39
50000	98900N	73	10	9	6	54	9	1.7	20	134	170	0.5	6	0.5	194	0.5	38	7
50000	98925N	83	35	83	11	82	16	3.1	120	217	170	0.5	30	0.5	85	0.5	82	31
50000	98950N	18	9	11	2.5	152	9	1.8	20	397	80	0.5	5	0.5	55	0.5	9	7
50000	98975N	64	56	86	2.5	106	16	1.4	159	422	160	0.5	36	0.5	119	0.5	80	43
50000	99000N	30	110	174	6	91	2.5	1	332	520	180	0.5	72	0.5	74	0.5	48	91
50000	99025N	91	89	186	2.5	103	9	1.9	313	283	240	0.5	72	0.5	73	0.5	141	80
50000	99050N	52	43	101	8	117	18	2.7	147	291	190	0.5	37	0.5	37	0.5	44	37
50000	99075N	27	17	27	2.5	113	11	1.3	49	179	60	0.5	12	0.5	50	0.5	15	14
50000	99100N	10	8	0.5	20	82	24	0.7	8	134	10	0.5	2	0.5	32	3	6	5
50000	99125N	32	24	46	15	73	8	2.1	85	170	50	0.5	19	0.5	50	0.5	12	22
50000	99150N	47	24	57	8	137	11	3.5	86	126	90	0.5	21	0.5	78	0.5	30	21
50000	99175N	54	63	86	6	43	9	3	191	78	120	0.5	41	0.5	147	0.5	56	53
50000	99200N	57	79	143	10	100	13	3	257	244	290	0.5	58	0.5	117	0.5	81	67
Line 50100E, Dan																		
50100	98200N	60	91	203	2.5	168	12	2.5	308	443	200	0.5	68	0.5	14	0.5	64	75
50100	98225N	48	21	53	2.5	115	13	1.8	74	254	160	0.5	17	0.5	24	0.5	42	18
50100	98250N	18	97	108	2.5	115	16	1	251	457	90	0.5	46	0.5	47	0.5	15	73

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50000	98225N	0.5	3550	0.5	12	5	15	27	0.3	20	0.5	320	24	530	56
50000	98250N	0.5	3620	0.5	10	5	19	122	0.3	17	0.5	277	23	890	136
50000	98275N	0.5	2870	0.5	15	5	21	76	0.3	24	0.5	462	41	540	122
50000	98300N	0.5	2410	0.5	8	5	11	66	0.3	9	0.5	241	19	2150	81
50000	98325N	0.5	2060	0.5	6	5	17	145	0.3	9	1	157	15	1600	98
50000	98350N	0.5	4160	0.5	8	5	11	61	0.3	16	0.5	194	16	760	102
50000	98375N	0.5	2600	0.5	7	5	17	92	0.3	12	0.5	164	13	380	159
50000	98400N	0.5	3170	0.5	9	5	16	128	0.3	14	0.5	335	26	1100	99
50000	98425N	0.5	3000	0.5	1	5	4.6	53	0.3	6	0.5	28	2	740	32
50000	98450N	0.5	2270	0.5	4	5	12	128	0.3	10	0.5	108	9	1500	80
50000	98475N	0.5	2180	0.5	4	5	19	188	0.3	13	0.5	115	12	5120	161
50000	98500N	0.5	2810	0.5	16	5	34	143	0.3	24	0.5	525	55	1040	324
50000	98525N	0.5	4630	0.5	3	5	2.1	8	0.3	8	0.5	83	24	400	25
50000	98550N	0.5	4400	0.5	8	5	3.6	8	0.3	11	0.5	263	49	120	26
50000	98575N	0.5	5380	0.5	20	5	17	34	0.3	29	0.5	580	50	330	135
50000	98600N	0.5	3970	0.5	0.5	5	0.3	9	0.3	15	1	22	4	90	12
50000	98625N	0.5	3760	0.5	4	5	5.3	9	0.3	8	0.5	119	11	540	10
50000	98650N	0.5	4580	0.5	4	5	2.5	1.5	0.3	4	0.5	104	18	140	8
50000	98675N	0.5	3050	0.5	4	5	7.4	25	0.3	10	0.5	135	9	1960	38
50000	98700N	0.5	1290	0.5	0.5	5	0.5	17	0.3	55	0.5	39	4	1230	15
50000	98725N	0.5	3790	0.5	6	5	5.4	5	0.3	5	0.5	157	12	240	11
50000	98750N	0.5	3270	0.5	7	5	11	8	0.3	9	0.5	257	22	40	33
50000	98775N	0.5	3160	0.5	3	5	4.4	1.5	0.3	12	0.5	137	14	20	18
50000	98800N	0.5	4350	0.5	6	5	18	21	0.3	6	0.5	150	11	140	40
50000	98825N	0.5	3220	0.5	7	5	17	124	0.3	11	0.5	224	16	340	139
50000	98850N	0.5	2470	0.5	8	5	14	78	0.3	24	0.5	303	28	500	95
50000	98875N	1	2410	0.5	7	5	7.5	76	0.3	20	0.5	210	15	70	62
50000	98900N	1	1870	0.5	2	5	8.1	238	0.3	8	0.5	73	8	4530	97
50000	98925N	1	2710	0.5	6	5	24	189	0.3	13	0.5	173	14	170	138
50000	98950N	0.5	4190	0.5	1	5	6.9	50	0.3	13	0.5	40	3	80	37
50000	98975N	1	2550	0.5	9	5	24	53	0.3	22	0.5	267	29	930	120
50000	99000N	1	3630	0.5	17	5	21	34	0.3	21	0.5	448	37	180	121
50000	99025N	1	2850	0.5	13	5	35	114	0.3	20	0.5	375	32	330	149
50000	99050N	1	2520	0.5	7	5	17	133	0.3	13	0.5	177	14	140	82
50000	99075N	1	2640	0.5	2	5	9.5	40	0.3	7	0.5	67	5	1480	45
50000	99100N	1	2090	0.5	1	5	1.7	28	0.3	5	0.5	41	3	220	16
50000	99125N	1	3070	0.5	3	5	10	71	0.3	12	0.5	102	7	130	86
50000	99150N	1	2820	0.5	3	5	19	129	0.3	14	0.5	92	7	90	106
50000	99175N	1	1970	0.5	10	5	11	335	0.3	16	0.5	313	25	980	196
50000	99200N	1	2780	0.5	12	5	29	126	0.3	47	0.5	390	33	140	168
Line 50100E, Dan															
50100	98200N	0.5	3550	1	14	5	25	74	1	11	2	375	31	810	119
50100	98225N	0.5	3210	0.5	4	5	12	82	0.3	9	0.5	89	7	2010	57
50100	98250N	0.5	3320	0.5	14	5	12	25	0.3	17	0.5	400	31	280	62

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50100	98275N	25	61	5	0.2	2680	0.5	420	11	398	80	50	1350	38	18.5	8.2
50100	98300N	28	92	5	0.05	4470	0.5	440	16	286	68	50	940	28	15.1	6.2
50100	98325N	24	123	5	0.1	2300	0.5	400	24	183	42	50	1980	32	18.6	6.1
50100	98350N	25	76	5	0.05	4990	0.5	520	14	321	48	50	1110	54	28.8	11.3
50100	98375N	23	65	5	0.05	3550	0.5	510	10	404	51	50	1820	61	33.5	13
50100	98400N	21	70	5	0.05	2990	0.5	490	12	303	92	50	910	31	16.6	6.5
50100	98425N	15	104	5	0.05	2900	0.5	380	16	280	206	50	2200	55	34.3	8.9
50100	98450N	15	80	5	0.05	3650	0.5	470	16	263	48	50	1560	38	21.3	8
50100	98475N	16	41	5	0.05	4620	0.5	570	8	581	67	50	3940	191	110	42
50100	98500N	20	27	5	0.2	4230	0.5	510	4	424	52	50	2470	63	28.7	14.4
50100	98525N	17	61	5	0.05	5090	0.5	560	11	590	119	50	1490	82	43.7	17.1
50100	98550N	39	25	5	0.2	5100	0.5	680	9	360	172	50	8490	69	35.6	16.9
50100	98575N	20	44	5	0.9	3850	0.5	690	12	582	91	50	5430	286	163	62.8
50100	98600N	24	9	5	0.2	2190	0.5	730	33	15	32	50	4200	12	5.3	2.8
50100	98625N	14	49	5	0.05	3380	0.5	700	23	660	48	50	3280	93	44.4	29.8
50100	98650N	24	28	5	0.05	10200	0.5	610	23	159	67	50	7920	31	15.2	10.7
50100	98675N															
50100	98700N	55	14	5	0.5	4180	0.5	840	16	2.5	446	50	27700	7	6	0.6
50100	98725N	15	17	5	0.2	4650	0.5	620	15	49	558	50	17700	7	4	2.5
50100	98750N	29	33	5	0.05	7940	0.5	770	13	321	639	50	26600	62	34.4	20.2
50100	98775N															
50100	98800N	29	10	5	0.3	3230	0.5	640	9	7	147	50	14300	14	8.6	2.1
50100	98825N	38	14	5	1.1	1160	0.5	540	13	2.5	149	50	15200	6	4.3	0.25
50100	98850N	14	16	5	0.8	1540	0.5	440	11	35	251	50	11500	21	12.3	4.8
50100	98875N	16	15	5	0.1	4260	0.5	640	9	139	95	50	3590	23	11.5	6
50100	98900N	39	12	5	0.6	280	0.5	450	32	6	84	50	41600	0.5	0.9	0.25
50100	98925N	6	106	5	0.1	4070	0.5	470	18	182	330	50	19200	23	14.6	5.3
50100	98950N	7	27	5	0.3	2530	0.5	570	13	198	557	50	6680	22	19.8	4.3
50100	98975N	20	12	5	0.2	980	0.5	590	6	2.5	107	50	10900	3	2.1	0.25
50100	99000N	22	22	5	0.05	1130	0.5	640	17	10	82	50	7150	12	8.4	1.8
50100	99025N	19	59	5	0.1	3010	0.5	690	6	398	32	50	3600	57	27.3	14.1
50100	99050N	7	52	5	0.05	2430	0.5	610	5	367	326	50	1850	17	8.9	4.1
50100	99075N	33	8	5	0.5	440	0.5	570	3	11	267	50	16500	8	4.9	1.4
50100	99100N	6	64	5	0.05	2140	0.5	480	10	343	87	50	5620	51	38.6	11.6
50100	99125N	36	19	5	0.6	2840	0.5	510	8	115	395	50	29100	20	12.6	4.9
50100	99150N	13	69	5	0.2	2630	0.5	640	19	388	146	50	2000	47	26.9	9.6
50100	99175N	18	25	5	0.05	3870	0.5	700	22	283	275	50	2120	55	27.9	11.1
50100	99200N	0.5	104	5	0.05	2660	0.5	490	51	121	399	50	2780	39	30.6	7.2
Line 50200E, Dansey																
50200	98200N	29	23	5	0.9	3230	0.5	740	22	53	169	50	10900	45	24.9	10.5
50200	98225N	22	31	5	0.3	4150	0.5	520	19	561	168	50	8380	142	83.8	32
50200	98250N	24	20	5	0.1	4780	0.5	580	12	409	245	50	3940	99	50.7	22.4
50200	98275N	21	40	5	0.1	4390	0.5	610	14	413	116	50	2570	81	41.2	18.7
50200	98300N	26	36	5	0.05	5310	0.5	510	19	339	99	50	2650	85	45.2	19.7

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50100	98275N	54	42	90	2.5	133	19	1.6	145	354	130	0.5	32	0.5	43	0.5	50	36
50100	98300N	64	31	71	2.5	84	15	2.9	111	305	150	0.5	25	0.5	65	0.5	57	26
50100	98325N	78	31	42	2.5	52	12	1.1	82	254	180	0.5	17	0.5	47	0.5	58	23
50100	98350N	36	59	89	2.5	85	10	1.2	173	293	140	0.5	36	0.5	71	0.5	40	47
50100	98375N	58	69	120	2.5	112	12	1.7	216	499	150	0.5	46	0.5	72	0.5	63	56
50100	98400N	60	34	79	2.5	106	10	2.4	117	284	170	0.5	27	0.5	34	0.5	61	28
50100	98425N	110	48	69	2.5	113	15	2.3	124	363	310	0.5	27	0.5	58	0.5	93	35
50100	98450N	45	42	67	2.5	96	10	1.2	130	383	140	0.5	27	0.5	66	0.5	48	34
50100	98475N	19	222	230	2.5	237	14	0.7	595	915	100	0.5	108	0.5	66	0.5	31	170
50100	98500N	24	75	138	2.5	206	10	1.5	242	369	80	0.5	51	0.5	44	0.5	24	63
50100	98525N	35	91	155	2.5	164	14	1.2	267	491	140	0.5	58	0.5	38	0.5	56	72
50100	98550N	23	83	125	2.5	246	17	0.7	253	398	150	0.5	50	0.5	10	0.5	24	66
50100	98575N	22	322	295	2.5	231	6	0.3	772	1170	70	0.5	138	0.5	30	0.5	48	232
50100	98600N	7	15	10	2.5	180	17	0.3	24	392	20	0.5	5	0.5	27	0.5	9	10
50100	98625N	15	152	204	47	191	6	0.3	601	1810	100	0.5	116	0.5	36	0.5	16	151
50100	98650N	24	46	86	2.5	84	2.5	0.8	159	118	60	0.5	35	0.5	111	0.5	12	40
50100	98675N																	
50100	98700N	5	4	2	2.5	199	71	0.3	2	472	130	0.5	0.5	0.5	13	0.5	2.5	0.5
50100	98725N	6	8	14	2.5	175	32	0.3	30	688	40	0.5	6	0.5	25	0.5	7	7
50100	98750N	12	77	122	13	107	28	0.8	265	512	40	0.5	54	0.5	22	0.5	14	67
50100	98775N																	
50100	98800N	4	12	1	2.5	183	10	0.3	6	200	20	0.5	0.5	0.5	13	0.5	6	4
50100	98825N	4	4	0.5	11	116	212	0.3	0.5	224	5	0.5	0.5	0.5	23	2	7	0.5
50100	98850N	5	23	11	9	233	5	0.3	38	414	20	0.5	6	0.5	10	0.5	7	14
50100	98875N	16	30	60	2.5	190	13	0.8	96	201	50	0.5	20	0.5	28	0.5	15	24
50100	98900N	6	0.5	1	2.5	76	253	0.6	0.5	319	10	0.5	0.5	0.5	53	2	8	0.5
50100	98925N	59	25	65	2.5	51	18	1.3	106	218	90	0.5	25	0.5	64	0.5	43	24
50100	98950N	10	22	55	19	184	27	0.3	76	838	140	0.5	18	0.5	16	0.5	43	17
50100	98975N	7	2	0.5	2.5	82	40	0.7	0.5	213	30	0.5	0.5	0.5	47	0.5	8	0.5
50100	99000N	14	10	4	2.5	110	12	1.2	10	398	30	0.5	2	0.5	93	0.5	13	5
50100	99025N	37	68	125	2.5	104	11	1	225	171	50	0.5	50	0.5	70	0.5	47	59
50100	99050N	31	20	48	7	146	24	2.6	70	272	130	0.5	18	0.5	75	0.5	33	17
50100	99075N	10	8	4	2.5	46	13	0.6	7	740	20	0.5	2	0.5	40	3	8	4
50100	99100N	12	51	87	6	100	6	0.6	160	327	120	0.5	36	0.5	82	0.5	42	42
50100	99125N	8	24	51	2.5	109	19	0.8	85	358	30	0.5	21	0.5	43	0.5	14	20
50100	99150N	23	45	88	7	134	8	0.6	135	438	110	0.5	32	0.5	53	0.5	51	36
50100	99175N	16	59	71	2.5	175	16	1.2	147	578	90	0.5	32	0.5	50	0.5	27	43
50100	99200N	102	32	32	11	110	9	0.9	85	273	170	0.5	19	0.5	39	0.5	135	27
Line 50200E, Dan																		
50200	98200N	9	55	21	7	190	14	0.3	92	884	30	0.5	13	0.5	11	0.5	10	34
50200	98225N	19	171	194	17	260	17	0.8	472	1130	90	0.5	89	0.5	50	0.5	36	127
50200	98250N	19	118	143	8	150	13	1	317	590	90	0.5	61	0.5	22	0.5	24	88
50200	98275N	26	96	140	14	138	11	1.1	272	482	150	0.5	56	0.5	22	0.5	35	76
50200	98300N	24	105	136	7	123	10	1.3	286	584	100	0.5	56	0.5	48	0.5	28	78

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50100	98275N	0.5	2730	0.5	7	5	12	75	0.3	12	0.5	163	13	930	107
50100	98300N	0.5	2740	0.5	5	5	18	128	0.3	12	0.5	135	12	1900	134
50100	98325N	0.5	2150	0.5	5	5	11	100	0.3	9	0.5	154	14	2380	59
50100	98350N	0.5	3430	0.5	10	5	11	64	0.3	14	0.5	254	23	1430	89
50100	98375N	0.5	2890	0.5	11	5	17	71	0.3	19	0.5	299	26	720	128
50100	98400N	0.5	2990	0.5	6	5	19	143	0.3	20	0.5	140	14	1440	155
50100	98425N	0.5	3200	0.5	9	5	20	163	0.3	23	0.5	304	26	1160	150
50100	98450N	0.5	3440	0.5	7	5	15	64	0.3	14	0.5	184	18	1120	97
50100	98475N	0.5	4530	0.5	32	5	16	17	0.3	35	0.5	979	86	310	103
50100	98500N	0.5	3860	0.5	12	5	10	55	0.3	31	0.5	297	21	130	123
50100	98525N	0.5	3930	0.5	14	5	13	46	0.3	22	0.5	399	33	790	131
50100	98550N	0.5	4060	0.5	12	5	26	11	0.3	26	0.5	318	27	800	74
50100	98575N	0.5	3570	0.5	48	5	14	11	0.3	18	1	1410	125	260	74
50100	98600N	0.5	2990	0.5	2	5	1.4	12	0.3	9	0.5	62	4	1900	17
50100	98625N	0.5	3460	0.5	20	5	9.7	10	0.3	6	0.5	474	33	400	36
50100	98650N	0.5	4520	0.5	6	5	8.3	11	0.3	15	0.5	181	11	580	31
50100	98675N														
50100	98700N	0.5	3740	0.5	0.5	5	1	4	0.3	9	0.5	30	5	50	2.5
50100	98725N	0.5	3540	0.5	1	5	2	7	0.3	5	0.5	32	4	380	7
50100	98750N	0.5	4000	0.5	11	5	13	7	0.3	23	0.5	344	28	90	78
50100	98775N														
50100	98800N	0.5	3360	0.5	2	5	0.3	4	0.3	13	0.5	69	6	60	6
50100	98825N	0.5	2360	0.5	0.5	5	0.3	1.5	0.3	9	0.5	26	4	60	2.5
50100	98850N	0.5	2550	0.5	4	5	2.2	7	0.3	5	0.5	119	10	340	8
50100	98875N	0.5	4160	0.5	4	5	7.8	10	0.3	14	0.5	126	9	390	51
50100	98900N	0.5	1820	0.5	0.5	5	0.5	9	0.3	7	0.5	8	2	150	12
50100	98925N	0.5	3370	0.5	4	5	14	63	0.3	21	0.5	143	13	1380	112
50100	98950N	0.5	4110	0.5	4	5	6	6	0.3	3	0.5	114	26	590	21
50100	98975N	0.5	3310	0.5	0.5	5	0.6	5	0.3	7	0.5	13	2	150	9
50100	99000N	0.5	3560	0.5	2	5	3.5	12	0.3	13	0.5	67	8	750	34
50100	99025N	0.5	4530	0.5	10	5	8.5	20	0.3	32	0.5	284	21	360	82
50100	99050N	0.5	3070	0.5	3	5	25	42	0.3	16	0.5	81	7	370	109
50100	99075N	0.5	1970	0.5	1	5	2.8	17	0.3	2	0.5	49	4	80	28
50100	99100N	0.5	3960	0.5	8	5	4.2	9	0.3	20	0.5	284	40	670	67
50100	99125N	0.5	3170	0.5	3	5	4.6	8	0.3	37	0.5	104	12	60	61
50100	99150N	0.5	3250	0.5	8	5	11	15	0.3	15	0.5	214	24	430	68
50100	99175N	0.5	4250	0.5	10	5	13	15	0.3	24	0.5	235	21	980	82
50100	99200N	0.5	2920	0.5	6	5	19	78	0.3	15	1	199	35	4320	103
Line 50200E, Dan															
50200	98200N	0.5	3920	0.5	8	5	6.1	14	0.3	12	1	264	18	220	19
50200	98225N	0.5	3780	0.5	24	5	15	18	0.3	28	1	814	69	360	119
50200	98250N	1	3610	0.5	18	5	16	14	0.3	22	0.5	496	38	210	85
50200	98275N	0.5	3460	0.5	15	5	13	22	0.3	15	0.5	421	32	590	93
50200	98300N	0.5	3580	0.5	15	5	13	26	0.3	22	0.5	473	35	460	95

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50200	98325N	12	129	5	0.05	4340	0.5	230	8	766	105	50	1440	118	61.2	26.1
50200	98350N	19	138	5	0.1	4110	0.5	280	7	925	257	50	4650	118	60.5	26.6
50200	98375N	38	10	5	0.05	3660	0.5	610	11	2.5	12	50	3540	10	5.1	2.8
50200	98400N	23	37	5	0.05	4260	0.5	570	17	77	32	50	1220	14	7.2	3.9
50200	98425N	26	51	5	0.6	2440	0.5	530	13	124	202	50	5010	70	49.9	12.5
50200	98450N	21	64	5	0.05	2640	0.5	360	5	436	71	50	1800	37	16.7	9.8
50200	98475N	13	67	5	0.05	3530	0.5	330	14	281	20	50	980	23	11.4	6.4
50200	98500N	13	33	5	0.05	3000	0.5	330	5	171	31	50	1140	20	9.6	5.3
50200	98525N	14	41	5	0.05	2270	0.5	390	7	133	29	50	660	11	5	3.3
50200	98550N	23	88	5	0.05	3520	0.5	410	28	811	553	50	12400	91	46.9	23.9
50200	98575N	123	31	5	0.4	7180	0.5	660	54	284	70	50	168101	112	81.8	26.1
50200	98600N	140	19	5	0.05	7060	0.5	560	79	225	155	50	40500	28	14	10.8
50200	98625N	118	86	5	0.2	2780	0.5	280	75	2.5	17	50	333329	6	5.4	1.7
50200	98650N															
50200	98675N	20	10	5	0.4	3400	0.5	420	11	2.5	140	50	13200	10	7.3	2.1
50200	98700N	70	14	5	0.4	2100	0.5	470	36	2.5	113	50	26700	7	4.9	1.8
50200	98725N	28	40	5	0.05	4540	0.5	560	9	238	70	50	2970	29	14.6	8.8
50200	98750N	10	92	5	0.05	5760	0.5	610	16	796	154	50	2240	60	31.8	14.8
50200	98775N	23	40	5	0.05	5510	0.5	550	9	1230	182	50	4300	167	83.9	43.7
50200	98800N	30	42	5	0.05	2700	0.5	580	10	113	36	50	1620	13	6.6	3.5
50200	98825N	14	16	5	0.05	2330	0.5	830	9	135	59	50	5090	41	19.6	11.5
50200	98850N	128	5	5	0.2	180	0.5	730	4	2.5	50	50	21400	1	0.8	0.25
50200	98875N	15	33	5	0.05	6440	0.5	670	5	96	69	50	11800	29	15.2	8.7
50200	98900N	27	10	5	0.2	2560	0.5	720	8	34	225	50	10100	17	10.1	3.6
50200	98925N	14	28	5	0.3	1050	0.5	950	8	236	243	50	8030	92	49.2	23.7
50200	98950N	22	54	5	0.05	5140	0.5	600	10	319	98	50	2380	44	23.5	9
50200	98975N	38	43	5	0.3	2130	0.5	720	7	137	656	50	46700	19	11.2	5.7
50200	99000N	10	22	5	0.05	1420	0.5	620	2	185	64	50	4730	27	14.1	7.6
50200	99025N	12	21	5	0.2	3110	0.5	570	3	291	205	50	7780	43	20.9	13
50200	99050N	17	28	5	0.05	4150	0.5	540	4	172	77	50	1950	11	4.9	3
50200	99075N	13	35	5	0.05	3420	0.5	490	5	518	95	50	990	35	15.3	9.8
50200	99100N	16	61	5	0.05	4220	0.5	490	10	312	29	50	910	19	9.2	4.6
50200	99125N	14	45	5	0.05	3240	0.5	560	8	167	24	50	1620	10	5	2.9
50200	99150N	38	18	5	0.2	1550	0.5	690	5	154	35	50	8790	55	27.6	14.4
50200	99175N	16	31	5	0.05	2740	0.5	480	5	341	31	50	670	23	9.8	6.3
50200	99200N	12	42	5	0.05	4450	0.5	470	5	569	11	50	560	36	15.1	9.5
Line 50300E, Dansey																
50300	98200N	48	19	5	0.3	3410	0.5	740	14	79	174	50	13100	39	23.5	6.8
50300	98225N	32	32	5	0.2	2660	0.5	590	8	213	55	50	3370	47	23.1	10.3
50300	98250N	43	26	5	0.3	3010	0.5	760	15	58	102	50	6640	44	26.6	7.9
50300	98275N	47	30	5	0.3	3230	0.5	710	15	84	86	50	4980	55	32.8	10.5
50300	98300N	23	49	5	0.2	4290	0.5	680	17	422	66	50	5240	128	74.4	26.2
50300	98325N	28	110	5	0.05	2760	0.5	480	6	640	169	50	3320	98	51.4	20.8
50300	98350N	23	85	5	0.05	2850	0.5	410	9	744	72	50	1710	69	32	17.1

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50200	98325N	78	132	212	12	69	19	2.4	418	458	160	0.5	86	0.5	29	0.5	151	109
50200	98350N	94	132	232	19	83	20	1.9	440	516	160	0.5	94	0.5	19	0.5	179	112
50200	98375N	6	12	2	2.5	105	18	0.7	17	206	30	0.5	2	0.5	15	0.5	9	7
50200	98400N	24	17	28	2.5	100	13	1.2	48	327	80	0.5	9	0.5	48	0.5	21	13
50200	98425N	20	66	48	7	202	29	0.5	131	931	70	0.5	23	0.5	21	0.5	33	42
50200	98450N	58	47	103	7	95	16	2.2	177	192	120	0.5	39	0.5	54	0.5	59	42
50200	98475N	51	29	55	8	76	17	2	100	270	100	0.5	21	0.5	49	0.5	63	24
50200	98500N	35	25	51	2.5	153	36	1.9	88	212	90	0.5	19	0.5	69	0.5	33	22
50200	98525N	46	14	35	2.5	83	31	1.6	51	186	90	0.5	11	0.5	49	0.5	24	12
50200	98550N	82	113	237	6	99	7	1.5	419	498	210	0.5	93	0.5	33	0.5	110	99
50200	98575N	20	105	122	15	198	39	0.5	326	462	10	0.5	63	0.5	40	14	111	86
50200	98600N	19	41	85	2.5	122	9	1.3	158	192	350	0.5	33	0.5	75	0.5	20	37
50200	98625N	32	5	0.5	2.5	32	8	0.3	7	48	50	0.5	0.5	0.5	251	0.5	24	2
50200	98650N																	
50200	98675N	4	9	0.5	2.5	129	31	0.3	3	183	20	0.5	0.5	0.5	26	0.5	7	3
50200	98700N	6	8	0.5	2.5	114	145	0.3	5	222	60	0.5	0.5	0.5	45	0.5	7	3
50200	98725N	40	39	83	2.5	136	9	1.3	132	363	120	0.5	28	0.5	22	0.5	24	32
50200	98750N	39	68	123	9	166	7	0.7	219	447	140	0.5	47	0.5	34	0.5	79	55
50200	98775N	26	215	354	7	177	5	0.5	704	809	90	0.5	146	0.5	27	0.5	42	177
50200	98800N	27	18	42	7	146	6	0.9	56	318	80	0.5	14	0.5	32	0.5	12	15
50200	98825N	9	55	55	2.5	166	17	0.3	134	302	40	0.5	25	0.5	27	0.5	6	42
50200	98850N	8	1	0.5	7	39	5	0.3	0.5	137	5	0.5	0.5	0.5	15	1	2.5	0.5
50200	98875N	16	41	60	2.5	79	2.5	0.3	119	32	30	0.5	23	0.5	86	0.5	15	34
50200	98900N	6	20	7	2.5	176	18	0.3	23	183	40	0.5	4	0.5	19	0.5	2.5	11
50200	98925N	21	107	88	10	154	15	0.3	241	513	10	0.5	44	0.5	49	4	25	76
50200	98950N	21	55	94	2.5	107	2.5	0.3	168	152	90	0.5	36	0.5	36	0.5	21	44
50200	98975N	22	25	58	2.5	149	114	0.3	109	458	5	0.5	25	0.5	44	0.5	20	25
50200	99000N	20	38	75	10	89	66	0.7	126	173	20	0.5	27	0.5	72	0.5	16	31
50200	99025N	9	62	105	2.5	147	74	0.3	203	192	20	0.5	41	0.5	59	0.5	8	51
50200	99050N	22	15	55	2.5	177	17	0.8	64	121	30	0.5	16	0.5	27	0.5	11	14
50200	99075N	29	50	150	2.5	139	6	1.3	215	298	80	0.5	51	0.5	24	0.5	22	48
50200	99100N	47	23	76	2.5	89	8	1.5	88	234	110	0.5	23	0.5	45	0.5	30	21
50200	99125N	40	14	39	2.5	100	16	1.9	53	162	50	0.5	13	0.5	49	0.5	13	13
50200	99150N	19	71	79	2.5	202	6	0.6	183	357	60	0.5	36	0.5	32	0.5	15	56
50200	99175N	35	31	100	2.5	98	7	1.7	138	177	70	0.5	33	0.5	27	0.5	19	30
50200	99200N	27	50	139	2.5	64	2.5	1.3	215	189	40	0.5	51	0.5	68	0.5	23	48
Line 50300E, Dan																		
50300	98200N	12	42	30	2.5	205	25	0.9	90	611	70	0.5	16	0.5	20	0.5	10	27
50300	98225N	31	58	89	2.5	131	13	1	180	355	80	0.5	36	0.5	39	0.5	20	48
50300	98250N	18	46	29	2.5	175	23	0.8	103	544	70	0.5	17	0.5	12	0.5	13	32
50300	98275N	17	64	45	2.5	117	34	0.7	133	612	70	0.5	22	0.5	33	0.5	11	42
50300	98300N	31	150	181	2.5	119	17	1	413	656	90	0.5	79	0.5	57	0.5	34	114
50300	98325N	86	109	186	2.5	107	14	1.7	341	372	210	0.5	73	0.5	51	0.5	122	90
50300	98350N	61	85	196	6	86	22	1.8	326	293	140	0.5	73	0.5	66	0.5	63	76

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50200	98325N	0.5	2170	0.5	21	5	34	302	0.3	19	1	667	47	370	266
50200	98350N	0.5	2180	0.5	21	5	29	220	0.3	15	1	660	46	880	192
50200	98375N	0.5	3540	0.5	2	5	0.7	34	0.3	8	0.5	63	4	280	20
50200	98400N	0.5	4450	0.5	3	5	5.2	46	0.3	8	0.5	79	5	1370	50
50200	98425N	0.5	3940	0.5	11	5	4.2	25	0.3	32	0.5	397	47	330	55
50200	98450N	0.5	2560	0.5	7	5	13	152	0.3	12	0.5	197	13	380	134
50200	98475N	0.5	2990	0.5	4	5	9.8	197	0.3	8	0.5	133	9	1190	102
50200	98500N	0.5	2980	0.5	4	5	8.1	104	0.3	19	0.5	114	8	110	109
50200	98525N	0.5	2260	0.5	2	5	6.2	122	0.3	6	0.5	59	4	310	55
50200	98550N	0.5	2060	0.5	17	5	25	104	0.3	18	0.5	502	37	1290	143
50200	98575N	0.5	2710	0.5	17	5	10	10	0.3	24	2	923	83	610	133
50200	98600N	0.5	3120	0.5	5	5	7.9	23	0.3	20	0.5	174	12	810	74
50200	98625N	0.5	1770	0.5	0.5	5	1	41	0.6	3	0.5	55	6	2170	21
50200	98650N														
50200	98675N	0.5	2270	0.5	1	5	1.5	4	0.3	5	0.5	56	6	30	7
50200	98700N	0.5	1910	0.5	1	5	1.4	5	0.3	15	0.5	42	4	200	2.5
50200	98725N	0.5	3400	0.5	5	5	8.4	58	0.3	11	0.5	175	12	650	70
50200	98750N	0.5	3590	0.5	11	5	14	27	0.3	20	0.5	328	26	1920	83
50200	98775N	0.5	4100	0.5	31	5	20	17	0.3	14	1	860	63	200	83
50200	98800N	1	3340	0.5	3	5	4.7	29	0.3	5	0.5	74	5	240	31
50200	98825N	1	3310	0.5	8	5	11	5	0.3	5	0.5	225	14	70	23
50200	98850N	0.5	1160	0.5	0.5	5	0.3	1.5	0.3	1	0.5	9	0.5	40	2.5
50200	98875N	1	4490	0.5	5	5	4.2	4	0.3	14	0.5	175	11	210	27
50200	98900N	0.5	3320	0.5	3	5	1.4	1.5	0.3	9	0.5	91	7	60	7
50200	98925N	1	2840	0.5	16	5	8.6	5	0.3	15	0.5	523	39	170	76
50200	98950N	1	4570	0.5	8	5	7.4	10	0.3	14	0.5	251	18	630	56
50200	98975N	1	4330	0.5	4	5	5.2	1.5	0.3	24	0.5	123	11	60	43
50200	99000N	1	2200	0.5	5	5	13	17	0.3	76	0.5	159	11	40	64
50200	99025N	0.5	3870	0.5	8	5	21	3	0.3	27	0.5	213	14	10	27
50200	99050N	1	4510	0.5	2	5	11	18	0.3	9	0.5	61	4	190	49
50200	99075N	1	2980	0.5	7	5	19	52	0.3	7	0.5	173	11	210	75
50200	99100N	1	2580	0.5	4	5	17	79	0.3	11	0.5	98	8	690	78
50200	99125N	1	2970	0.5	2	5	12	39	0.3	9	0.5	55	4	550	56
50200	99150N	1	2690	0.5	10	5	13	17	0.3	16	0.5	285	22	110	49
50200	99175N	1	2340	0.5	5	5	13	45	0.3	10	0.5	110	7	170	80
50200	99200N	1	2290	0.5	7	5	17	40	0.3	11	0.5	164	11	510	105
Line 50300E, Dan															
50300	98200N	0.5	4210	0.5	6	5	8.6	1.5	0.3	14	0.5	200	19	230	37
50300	98225N	0.5	3760	0.5	8	5	7.3	16	0.3	15	0.5	243	17	510	61
50300	98250N	0.5	4520	0.5	7	5	5.6	1.5	0.3	20	0.5	233	22	360	37
50300	98275N	0.5	4100	0.5	9	5	7.6	1.5	0.3	9	0.5	321	25	470	29
50300	98300N	0.5	4090	0.5	21	5	13	1.5	0.3	33	0.5	725	58	360	99
50300	98325N	0.5	3330	0.5	17	5	20	80	0.3	25	0.5	506	38	570	159
50300	98350N	0.5	2570	0.5	13	5	19	110	0.3	8	0.5	339	24	1000	150

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50300	98375N	25	26	5	0.05	2510	0.5	640	8	65	38	50	1350	9	4.1	2.1
50300	98400N	25	87	5	0.05	2780	0.5	360	6	313	74	50	1440	45	23.1	10.2
50300	98425N	16	79	5	0.2	3650	0.5	480	22	323	99	50	5100	74	48	14.2
50300	98450N	12	68	5	0.1	4290	0.5	510	17	493	50	50	3370	118	75.1	24
50300	98475N	10	72	5	0.3	3480	0.5	540	16	557	29	50	3040	125	66.4	27
50300	98500N	15	28	5	1	2600	0.5	960	16	21	53	50	7210	38	24.9	6.5
50300	98525N	24	21	5	1.6	1920	0.5	1010	20	8	26	50	9180	11	7.3	1.9
50300	98550N	23	32	5	2.5	2100	0.5	1080	39	6	96	50	11300	10	8.9	1.1
50300	98575N	33	20	5	1.6	2650	0.5	1030	26	17	40	50	9660	24	15	4.1
50300	98600N	0.5	8	20	0.05	420	0.5	480	11	10	56	50	4090	2	1.1	0.25
50300	98625N	90	9	5	0.7	3580	0.5	680	9	11	441	50	51100	3	2.6	0.25
50300	98650N	124	7	10	0.4	4140	0.5	840	7	15	140	50	61200	3	2.8	0.25
50300	98675N	68	15	5	0.05	11900	0.5	870	28	80	432	50	27400	23	11.6	5.4
50300	98700N	185	16	5	1.2	4040	0.5	1090	18	2.5	261	50	40200	9	6.2	1.2
50300	98725N	37	34	5	0.7	3980	0.5	790	20	261	424	50	21800	79	48.2	18.2
50300	98750N	23	79	5	0.05	3490	0.5	480	7	214	155	50	1330	26	13.6	6.1
50300	98775N	19	105	5	0.05	4680	0.5	390	8	984	257	50	1710	107	55.9	23.3
50300	98800N	30	19	5	0.05	6050	0.5	510	5	225	144	50	2670	25	12.5	6.4
50300	98825N	24	43	5	0.2	3700	0.5	700	6	492	190	50	4350	75	37.2	16
50300	98850N	30	82	5	0.2	1910	0.5	620	13	234	263	50	3360	37	20.2	7.5
50300	98875N	19	32	5	0.2	2640	0.5	720	7	266	62	50	8100	92	47.1	22.1
50300	98900N	18	129	5	0.05	2690	0.5	490	7	282	411	50	1530	37	19.5	7.5
50300	98925N	49	14	5	1.1	4300	0.5	1270	10	8	63	50	26400	18	10.3	4.5
50300	98950N															
50300	98975N	26	27	5	0.3	3340	0.5	690	6	411	595	50	29500	119	70.1	31.7
50300	99000N	13	56	5	0.1	5160	0.5	510	3	695	168	50	10500	137	68.7	41.7
50300	99025N	13	21	5	0.05	7760	0.5	610	5	298	159	50	5790	51	22.5	14
50300	99050N	24	21	5	0.05	3920	0.5	850	31	260	1000	50	11700	45	26.3	12.9
50300	99075N	22	16	5	0.05	4130	0.5	910	12	80	540	50	5350	39	22.9	8.2
50300	99100N	47	77	5	0.05	4330	0.5	680	12	172	141	50	5600	27	15.3	6.7
50300	99125N	15	59	5	0.05	5520	0.5	610	8	289	49	50	1040	25	12.3	5.5
50300	99150N	16	115	5	0.05	2060	0.5	430	20	39	22	50	4130	10	5.3	3
50300	99175N	116	31	5	0.05	1640	0.5	850	8	290	327	50	10800	120	66.9	30.8
50300	99200N	10	41	5	0.05	2950	0.5	740	17	161	240	50	4220	36	20.3	8.6
Line 50400E, Dansey																
50400	98200N	19	53	5	0.05	3730	0.5	510	9	628	82	50	3010	96	48.5	22.4
50400	98225N	19	48	5	0.2	3550	0.5	530	9	438	40	50	3690	65	32.3	15.7
50400	98250N	11	22	5	0.2	3440	0.5	760	23	157	112	50	2890	69	37.7	14
50400	98275N	15	61	5	0.05	3190	0.5	450	9	346	52	50	1020	30	13.8	7.6
50400	98300N	11	35	5	0.6	3730	0.5	710	8	675	146	50	6240	129	71.4	29.6
50400	98325N	6	221	10	0.05	2740	0.5	230	3	755	279	50	1260	92	47.3	19.1
50400	98350N	10	28	5	0.2	1950	0.5	630	17	187	73	50	3120	51	26.7	11.2
50400	98375N	7	75	5	0.2	2890	0.5	660	11	753	228	50	3670	155	89.1	31.2
50400	98400N	19	20	10	0.9	3080	0.5	790	19	97	171	50	10700	52	28.1	10.9

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50300	98375N	23	12	23	2.5	121	15	1.4	38	245	50	0.5	8	0.5	25	0.5	10	10
50300	98400N	80	55	109	6	86	20	2.6	190	310	160	0.5	41	0.5	33	0.5	69	46
50300	98425N	66	74	104	6	132	13	1.2	216	704	130	0.5	44	0.5	43	0.5	80	58
50300	98450N	21	128	158	8	148	11	0.5	350	1260	100	0.5	70	0.5	51	0.5	37	99
50300	98475N	23	141	159	35	155	13	0.8	354	1130	80	0.5	74	0.5	49	0.5	55	107
50300	98500N	12	41	16	2.5	181	7	0.3	54	800	40	0.5	8	0.5	10	0.5	7	21
50300	98525N	9	12	4	2.5	127	13	0.3	17	610	20	0.5	3	0.5	7	3	5	7
50300	98550N	11	9	2	2.5	130	17	0.7	9	1310	30	0.5	1	0.5	8	1	7	4
50300	98575N	10	26	11	2.5	124	7	0.3	34	507	30	0.5	6	0.5	12	0.5	6	13
50300	98600N	43	2	5	2.5	72	60	0.3	7	283	20	0.5	2	0.5	11	7	2.5	2
50300	98625N	5	2	0.5	2.5	138	9	0.3	2	256	50	0.5	0.5	0.5	20	3	2.5	0.5
50300	98650N	6	3	0.5	2.5	178	11	0.3	3	125	20	0.5	0.5	0.5	40	5	6	1
50300	98675N	8	33	25	2.5	207	8	0.3	76	397	60	0.5	13	0.5	56	0.5	5	24
50300	98700N	8	9	2	2.5	171	10	0.3	8	381	100	0.5	1	0.5	7	0.5	2.5	5
50300	98725N	15	100	109	2.5	207	11	0.3	279	1110	50	0.5	51	0.5	30	0.5	11	76
50300	98750N	54	31	75	2.5	72	12	1.9	110	266	170	0.5	25	0.5	14	0.5	34	27
50300	98775N	74	122	248	2.5	71	12	2.1	432	496	170	0.5	95	0.5	61	0.5	129	107
50300	98800N	41	36	83	11	96	12	2	139	153	30	0.5	31	0.5	46	0.5	24	33
50300	98825N	38	85	131	2.5	150	8	0.8	242	353	80	0.5	54	0.5	29	0.5	38	66
50300	98850N	60	40	62	7	121	7	1.3	110	487	150	0.5	25	0.5	31	0.5	68	32
50300	98875N	26	120	135	2.5	210	2.5	0.3	319	286	50	0.5	63	0.5	23	0.5	23	90
50300	98900N	84	40	94	8	134	8	2.8	129	385	220	0.5	31	0.5	50	0.5	109	33
50300	98925N	7	21	3	2.5	239	8	0.3	26	322	30	0.5	5	0.5	14	0.5	2.5	12
50300	98950N																	
50300	98975N	12	155	207	2.5	247	11	0.3	477	623	20	0.5	95	0.5	32	0.5	20	122
50300	99000N	19	180	315	2.5	114	2.5	0.3	608	126	30	0.5	128	0.5	86	0.5	40	149
50300	99025N	13	68	127	2.5	111	2.5	0.8	221	144	50	0.5	48	0.5	80	0.5	11	57
50300	99050N	11	59	80	2.5	157	33	0.3	181	901	30	0.5	37	0.5	43	0.5	7	48
50300	99075N	8	46	31	19	175	11	0.3	87	749	60	0.5	17	0.5	36	0.5	8	29
50300	99100N	33	34	56	2.5	79	2.5	0.6	106	251	100	0.5	24	0.5	41	0.5	19	28
50300	99125N	32	31	73	2.5	118	5	1.4	106	176	80	0.5	25	0.5	40	0.5	27	27
50300	99150N	26	13	18	2.5	40	2.5	0.3	35	42	80	0.5	9	0.5	63	0.5	11	10
50300	99175N	33	143	140	2.5	111	6	0.3	366	100	50	0.5	69	0.5	41	0.5	62	110
50300	99200N	16	44	55	2.5	145	10	0.8	122	402	120	0.5	26	0.5	37	0.5	7	35
Line 50400E, Dan																		
50400	98200N	42	117	205	22	125	8	1.3	373	489	110	0.5	80	0.5	56	0.5	56	98
50400	98225N	38	83	140	20	132	11	1.6	259	350	80	0.5	55	0.5	37	0.5	34	68
50400	98250N	12	77	67	21	188	15	0.5	157	871	60	0.5	29	0.5	40	0.5	12	50
50400	98275N	50	38	90	17	95	15	1.5	136	274	100	0.5	31	0.5	35	0.5	37	33
50400	98300N	21	155	207	21	210	13	0.3	435	738	100	0.5	87	0.5	41	0.5	33	118
50400	98325N	107	95	195	29	85	34	4.8	326	532	190	0.5	74	0.5	30	0.5	208	82
50400	98350N	24	62	73	6	151	17	1	160	568	90	0.5	32	0.5	25	0.5	17	46
50400	98375N	29	169	198	27	149	8	0.6	441	1260	170	0.5	91	0.5	43	0.5	57	128
50400	98400N	9	63	38	11	208	18	0.3	111	899	50	0.5	19	0.5	24	0.5	8	38

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50300	98375N	0.5	3520	0.5	2	5	5.9	28	0.3	9	0.5	47	3	650	42
50300	98400N	0.5	2360	0.5	8	5	20	171	0.3	12	0.5	240	18	710	168
50300	98425N	0.5	3040	0.5	12	5	15	45	0.3	22	0.5	407	44	530	145
50300	98450N	0.5	3660	0.5	19	5	14	12	0.3	17	0.5	616	65	500	77
50300	98475N	0.5	3100	0.5	22	5	21	56	0.3	18	1	625	51	450	79
50300	98500N	0.5	3540	0.5	6	5	3.6	1.5	0.3	5	0.5	214	19	120	20
50300	98525N	0.5	3030	0.5	2	5	1.1	1.5	0.3	5	0.5	64	6	60	15
50300	98550N	0.5	3390	0.5	1	5	1.2	1.5	0.3	7	2	56	10	60	25
50300	98575N	0.5	3360	0.5	4	5	2.7	5	0.3	6	1	133	12	60	18
50300	98600N	0.5	2330	0.5	0.5	5	1.1	1.5	0.3	10	0.5	13	1	80	2.5
50300	98625N	0.5	2810	0.5	0.5	5	0.9	1.5	0.3	5	2	20	3	60	12
50300	98650N	0.5	3000	0.5	0.5	5	0.9	1.5	0.3	4	1	25	3	30	10
50300	98675N	0.5	4680	0.5	4	5	8.8	1.5	0.3	7	0.5	129	9	450	18
50300	98700N	0.5	2980	0.5	1	5	0.8	1.5	0.3	8	0.5	53	5	120	7
50300	98725N	0.5	4130	0.5	13	5	21	1.5	0.3	11	0.5	436	38	140	30
50300	98750N	0.5	3270	0.5	5	5	11	118	0.3	8	0.5	148	11	540	92
50300	98775N	0.5	2770	0.5	19	5	27	156	0.3	18	0.5	567	44	420	229
50300	98800N	1	3410	0.5	5	5	10	64	0.3	15	0.5	146	10	220	119
50300	98825N	2	4210	0.5	13	5	7.7	28	0.3	17	0.5	357	27	390	73
50300	98850N	1	3010	0.5	6	5	13	55	0.3	18	0.5	194	17	610	90
50300	98875N	0.5	3760	0.5	17	5	12	14	0.3	15	0.5	516	34	130	40
50300	98900N	1	3160	0.5	6	5	23	217	0.3	18	0.5	199	16	600	222
50300	98925N	0.5	4300	0.5	3	5	1.6	1.5	0.3	12	0.5	105	8	110	10
50300	98950N														
50300	98975N	0.5	3940	0.5	21	5	23	1.5	0.3	41	0.5	673	54	50	67
50300	99000N	1	4280	0.5	25	5	18	3	0.3	24	0.5	770	46	100	50
50300	99025N	0.5	4370	0.5	10	5	22	14	0.3	15	0.5	248	15	70	76
50300	99050N	0.5	4380	0.5	8	5	11	1.5	0.3	14	0.5	243	20	60	17
50300	99075N	0.5	4300	0.5	7	5	10	11	0.3	8	0.5	188	17	580	28
50300	99100N	0.5	3770	0.5	5	5	8	10	0.3	13	0.5	161	12	630	38
50300	99125N	0.5	3890	0.5	5	5	13	43	0.3	12	0.5	135	10	870	114
50300	99150N	0.5	2340	0.5	2	5	2.7	25	0.3	7	0.5	63	4	200	22
50300	99175N	0.5	5140	0.5	21	5	5.3	1.5	0.3	21	0.5	671	53	300	44
50300	99200N	0.5	5090	0.5	6	5	8.5	10	0.3	18	0.5	186	16	860	39
Line 50400E, Dan															
50400	98200N	1	3420	0.5	17	5	15	45	0.3	21	0.5	506	36	280	125
50400	98225N	1	3200	0.5	12	5	16	40	0.3	7	0.5	340	24	370	100
50400	98250N	1	3990	0.5	12	5	11	20	0.3	9	0.5	363	28	360	47
50400	98275N	1	2790	0.5	6	5	13	84	0.3	4	0.5	151	10	770	70
50400	98300N	0.5	4010	0.5	22	5	22	12	0.3	27	0.5	664	56	160	67
50400	98325N	1	2050	0.5	16	5	50	982	0.3	18	2	474	38	1060	327
50400	98350N	1	3450	0.5	9	5	9	22	0.3	15	0.5	261	20	1150	52
50400	98375N	0.5	3250	0.5	26	5	21	15	0.3	23	0.5	789	73	320	107
50400	98400N	0.5	3910	0.5	9	5	7.3	6	0.3	13	0.5	293	20	290	17

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50400	98425N	17	46	5	0.05	4300	0.5	660	7	529	80	50	2410	82	41.6	18.3
50400	98450N	23	13	5	0.2	3870	0.5	730	14	113	145	50	5790	60	30.8	12.5
50400	98475N	17	21	5	0.05	2840	0.5	680	12	188	78	50	2220	34	15.5	7.7
50400	98500N	5	70	5	0.05	2010	0.5	670	26	172	192	50	1510	37	20.3	7.3
50400	98525N	5	33	5	0.05	2880	0.5	730	16	270	96	50	600	33	16.1	6.7
50400	98550N															
50400	98575N	16	28	5	0.05	1410	0.5	690	61	214	69	50	6060	45	22.8	11.5
50400	98600N	58	24	5	1.2	1620	0.5	800	49	115	171	50	9620	50	26.7	11.3
50400	98625N	13	40	5	0.05	970	0.5	580	173	178	45	50	7380	26	14.8	6.7
50400	98650N	11	16	5	0.05	2670	0.5	610	22	152	25	50	2230	77	35.3	17.7
50400	98675N	13	15	5	0.5	180	0.5	340	115	19	90	50	46000	3	2.5	0.5
50400	98700N	47	14	5	0.7	2000	0.5	730	32	33	17	50	10500	18	9.1	3.9
50400	98725N	21	21	5	0.2	3560	0.5	680	13	182	90	50	2460	41	18.8	9.1
50400	98750N	22	12	5	0.6	5080	0.5	720	56	272	187	50	3340	120	64.1	25.4
50400	98775N	66	19	5	2.7	3640	0.5	1060	13	60	51	50	4190	51	25.9	11.5
50400	98800N	14	68	5	0.05	6360	0.5	490	10	346	89	50	1340	43	21.2	9.8
50400	98825N	34	27	5	0.5	2500	0.5	690	13	180	106	50	16100	71	40.5	18.5
50400	98850N	24	46	5	0.05	4990	0.5	510	18	320	845	50	4030	25	12.3	6.5
50400	98875N	28	42	5	0.05	3360	0.5	620	10	274	73	50	2360	27	12.5	6.3
50400	98900N	19	40	5	0.05	2140	0.5	720	8	152	147	50	1780	22	10.2	5.2
50400	98925N	19	34	5	0.05	2510	0.5	630	5	113	43	50	610	11	4.7	2.5
50400	98950N	15	67	5	0.1	2920	0.5	630	13	486	596	50	3470	127	70	24.6
50400	98975N	15	27	5	0.1	2110	0.5	640	5	203	314	50	2470	36	18	7.5
50400	99000N	12	53	5	0.1	3640	0.5	580	7	486	54	50	940	47	22.7	10.2
50400	99025N	19	19	5	0.05	3070	0.5	520	4	257	345	50	1260	10	4.3	2.6
50400	99050N	17	54	5	0.2	1850	0.5	690	4	115	307	50	4410	15	7	3.8
50400	99075N	18	129	5	0.05	4060	0.5	500	5	377	1000	50	1530	45	24.2	9.3
50400	99100N	15	35	5	0.1	4630	0.5	710	4	115	89	50	3380	7	2.8	2.1
50400	99125N	8	46	5	0.05	3280	0.5	730	23	249	55	50	1010	12	5.8	3.4
50400	99150N	11	133	5	0.05	2050	0.5	340	19	197	126	50	6690	49	29.5	10
50400	99175N	12	13	5	0.2	2700	0.5	660	4	255	73	50	2460	150	74.6	33.9
50400	99200N	37	10	5	1.5	1320	0.5	600	11	21	37	50	3810	27	17.8	3.7
Line 50500E, Dansey																
50500	98200N	20	10	5	0.3	4520	0.5	970	28	2.5	33	50	18100	19	12.3	1.5
50500	98225N	29	10	5	0.5	7650	0.5	1080	19	27	61	50	15900	22	11.5	4.7
50500	98250N	15	10	5	0.2	8170	0.5	830	24	40	12	50	9640	34	15.2	8.7
50500	98275N	10	40	5	0.05	4920	0.5	600	25	267	54	50	2960	111	59.8	22.3
50500	98300N	7	12	5	0.05	2630	0.5	610	7	163	21	50	1620	30	13.2	7.3
50500	98325N	12	25	5	0.05	2850	0.5	970	26	431	157	50	8560	134	76.5	19.9
50500	98350N	11	23	5	0.1	3830	0.5	730	15	171	47	50	6270	93	48	19.3
50500	98375N	25	9	10	0.4	1920	0.5	750	13	6	48	50	5300	11	6	1.9
50500	98400N	19	17	5	0.2	4290	0.5	750	23	132	87	50	5290	124	62.6	25.9
50500	98425N	12	36	5	0.1	4470	0.5	750	40	455	84	50	3220	144	77.2	28
50500	98450N	14	19	5	0.3	3080	0.5	690	13	210	95	50	5280	121	62.7	25.5

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50400	98425N	29	96	140	2.5	149	6	0.5	272	441	100	0.5	57	0.5	19	0.5	31	77
50400	98450N	7	74	40	16	163	19	0.3	130	771	50	0.5	21	0.5	25	0.5	9	47
50400	98475N	17	42	63	2.5	185	12	1.3	117	476	110	0.5	24	0.5	18	0.5	16	33
50400	98500N	29	40	51	2.5	97	5	1	101	539	180	0.5	21	0.5	29	0.5	35	30
50400	98525N	19	36	59	2.5	237	8	0.8	96	452	120	0.5	21	0.5	17	0.5	23	27
50400	98550N																	
50400	98575N	17	64	67	2.5	140	7	0.3	177	388	70	0.5	34	0.5	47	0.5	11	51
50400	98600N	10	64	40	2.5	234	2.5	0.3	131	393	1220	0.5	21	0.5	6	0.5	6	43
50400	98625N	36	36	78	2.5	50	10	0.3	142	75	34500	0.5	31	0.5	84	0.5	15	34
50400	98650N	11	105	100	16	183	16	0.6	269	453	80	0.5	49	0.5	37	0.5	13	82
50400	98675N	5	3	3	9	165	456	0.3	7	1220	5	0.5	1	0.5	71	4	6	2
50400	98700N	10	24	13	2.5	123	19	0.3	50	75	50	0.5	8	0.5	34	0.5	6	18
50400	98725N	14	50	58	2.5	190	15	0.5	120	327	110	0.5	23	0.5	21	0.5	15	37
50400	98750N	5	147	86	27	264	14	0.3	262	692	130	0.5	43	0.5	21	0.5	10	95
50400	98775N	9	66	12	31	234	7	0.3	95	730	40	0.5	13	0.5	15	0.5	7	40
50400	98800N	33	52	121	14	121	13	1.9	176	454	180	0.5	39	0.5	27	0.5	45	44
50400	98825N	17	93	93	11	208	6	0.3	237	482	40	0.5	44	0.5	35	0.5	12	69
50400	98850N	71	35	106	15	68	21	2.4	152	562	50	0.5	37	0.5	36	0.5	45	32
50400	98875N	46	34	80	6	103	7	1.8	116	359	90	0.5	27	0.5	40	0.5	31	28
50400	98900N	29	27	54	2.5	125	2.5	0.9	84	437	80	0.5	19	0.5	38	0.5	16	22
50400	98925N	27	14	30	2.5	113	7	0.9	43	140	70	0.5	10	0.5	21	0.5	13	11
50400	98950N	49	132	169	9	110	2.5	0.9	350	885	100	0.5	74	0.5	36	0.5	97	99
50400	98975N	25	42	70	2.5	135	5	0.9	118	412	80	0.5	26	0.5	30	0.5	19	32
50400	99000N	38	55	108	11	96	11	1.2	181	260	60	0.5	40	0.5	58	0.5	47	47
50400	99025N	54	14	69	6	92	9	2.4	67	182	30	0.5	18	0.5	32	0.5	27	13
50400	99050N	46	19	41	2.5	44	6	0.9	64	163	20	0.5	14	0.5	32	0.5	18	16
50400	99075N	64	50	130	13	81	2.5	1.5	182	233	90	0.5	42	0.5	91	0.5	60	43
50400	99100N	24	10	35	2.5	127	9	1.2	43	104	40	0.5	10	0.5	55	0.5	6	9
50400	99125N	26	18	37	2.5	102	24	2.1	64	287	90	0.5	14	0.5	76	0.5	12	15
50400	99150N	63	52	66	2.5	30	2.5	2.2	155	103	100	0.5	31	0.5	127	0.5	50	42
50400	99175N	8	191	138	11	183	6	0.7	409	610	40	0.5	69	0.5	29	0.5	16	137
50400	99200N	5	26	4	15	175	2.5	1.5	21	562	20	0.5	3	0.5	12	0.5	7	11
Line 50500E, Dan																		
50500	98200N	5	15	0.5	25	147	17	0.3	1	106	60	0.5	0.5	0.5	29	0.5	2.5	3
50500	98225N	6	26	6	51	92	2.5	0.3	29	153	40	0.5	4	0.5	39	0.5	2.5	14
50500	98250N	10	49	33	7	80	12	0.3	105	110	30	0.5	17	0.5	61	0.5	2.5	35
50500	98275N	18	135	130	14	107	2.5	0.3	339	553	100	0.5	58	0.5	49	0.5	14	98
50500	98300N	13	42	52	8	143	7	1	129	296	30	0.5	23	0.5	29	0.5	13	35
50500	98325N	12	148	93	17	245	9	0.3	306	587	70	0.5	49	0.5	28	0.5	11	101
50500	98350N	17	122	92	14	153	7	0.3	272	568	50	0.5	44	0.5	43	0.5	13	85
50500	98375N	5	13	1	11	175	39	0.3	11	532	20	0.5	1	0.5	15	0.5	2.5	6
50500	98400N	8	163	93	17	249	16	0.3	324	719	60	0.5	48	0.5	23	0.5	13	110
50500	98425N	16	180	127	36	179	6	0.3	393	1180	100	0.5	63	0.5	58	0.5	15	125
50500	98450N	10	156	111	17	267	21	0.3	336	705	50	0.5	53	0.5	35	0.5	15	107

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50400	98425N	1	4000	0.5	14	5	16	13	0.3	5	0.5	400	30	270	58
50400	98450N	0.5	3620	0.5	10	5	12	13	0.3	5	1	320	21	240	26
50400	98475N	1	3670	0.5	6	5	12	28	0.3	16	0.5	172	11	560	68
50400	98500N	1	3480	0.5	6	5	7.3	43	0.3	13	0.5	200	16	1520	67
50400	98525N	1	4000	0.5	6	5	14	19	0.3	12	0.5	157	12	910	72
50400	98550N														
50400	98575N	0.5	3580	0.5	9	5	16	13	0.3	21	0.5	264	17	1550	24
50400	98600N	0.5	4260	0.5	8	5	14	9	0.3	28	0.5	304	19	670	19
50400	98625N	1	2580	0.5	5	5	46	16	0.3	55	0.5	190	13	2110	21
50400	98650N	0.5	3400	0.5	14	5	16	19	0.3	25	0.5	412	25	920	41
50400	98675N	0.5	2360	0.5	0.5	5	1.9	1.5	0.3	144	1	24	3	450	11
50400	98700N	0.5	2560	0.5	3	5	6.2	7	0.3	23	0.5	119	7	670	10
50400	98725N	0.5	3450	0.5	7	5	11	14	0.3	11	0.5	200	14	430	40
50400	98750N	0.5	3390	0.5	20	5	19	4	0.3	22	2	643	46	1240	36
50400	98775N	0.5	4100	0.5	9	5	6.5	7	0.3	16	1	294	17	80	23
50400	98800N	1	3460	0.5	8	5	16	72	0.3	17	0.5	239	17	490	150
50400	98825N	0.5	3950	0.5	13	5	10	8	0.3	21	0.5	409	31	140	33
50400	98850N	1	3360	0.5	5	5	13	61	0.3	20	0.5	140	10	910	124
50400	98875N	1	3410	0.5	5	5	12	49	0.3	11	0.5	143	9	650	94
50400	98900N	1	3510	0.5	4	5	5.1	18	0.3	10	0.5	124	7	320	42
50400	98925N	1	3130	0.5	2	5	4.3	29	0.3	6	0.5	54	3	590	35
50400	98950N	1	3250	0.5	21	5	11	35	0.3	31	0.5	595	58	540	128
50400	98975N	0.5	3030	0.5	6	5	7.1	15	0.3	16	0.5	177	14	460	61
50400	99000N	1	3100	0.5	9	5	10	28	0.3	14	0.5	225	17	460	107
50400	99025N	1	2820	0.5	2	5	13	52	0.3	9	0.5	53	3	120	110
50400	99050N	1	3570	0.5	3	5	5.2	32	0.3	13	0.5	83	5	300	43
50400	99075N	1	3810	0.5	8	5	18	73	0.3	16	0.5	268	20	690	155
50400	99100N	1	5500	0.5	1	5	6.3	27	0.3	6	0.5	37	2	180	29
50400	99125N	1	4790	0.5	2	5	9.4	39	0.3	10	0.5	71	5	1210	57
50400	99150N	2	2660	0.5	8	5	14	144	0.3	20	0.5	303	24	1370	176
50400	99175N	1	3670	0.5	26	5	27	10	0.3	18	1	751	51	50	53
50400	99200N	0.5	2890	2	4	5	4	6	1	7	3	145	14	60	16
Line 50500E, Dan															
50500	98200N	0.5	2070	0.5	2	5	0.7	1.5	0.3	28	0.5	88	10	80	7
50500	98225N	0.5	2350	0.5	3	5	2.4	1.5	0.3	2	0.5	108	9	230	15
50500	98250N	0.5	2020	0.5	6	5	13	1.5	0.3	22	0.5	176	11	480	12
50500	98275N	0.5	2140	0.5	17	5	17	9	0.3	5	0.5	589	45	700	60
50500	98300N	0.5	2620	0.5	5	5	8.6	99	0.3	7	0.5	137	10	330	70
50500	98325N	0.5	4640	0.5	21	5	26	1.5	0.3	22	1	755	56	230	35
50500	98350N	0.5	3530	0.5	15	5	14	4	0.3	6	1	546	35	240	41
50500	98375N	0.5	2840	0.5	2	5	0.7	1.5	0.3	10	1	60	5	120	21
50500	98400N	0.5	3640	0.5	20	5	13	1.5	0.3	25	1	723	41	310	29
50500	98425N	0.5	3810	0.5	23	5	16	1.5	0.3	17	1	781	57	590	51
50500	98450N	0.5	3300	0.5	20	5	17	1.5	0.3	8	1	668	42	100	35

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50500	98475N	22	14	5	1.1	2630	0.5	1020	24	12	60	50	9970	24	11.4	4.6
50500	98500N	28	19	5	0.6	3070	0.5	880	29	218	40	50	3280	144	66.8	32.8
50500	98525N	23	9	5	0.6	4790	0.5	990	50	174	85	50	3160	95	45.6	18.5
50500	98550N	32	26	5	1	840	0.5	1100	161	156	47	50	10500	100	53.2	14.5
50500	98575N	10	49	5	0.05	4590	0.5	720	38	671	80	50	5340	218	122	43.1
50500	98600N	61	10	5	0.8	1090	0.5	1000	14	13	60	50	7990	20	14.9	2.5
50500	98625N	68	10	5	1.2	230	0.5	1050	72	2.5	19	50	7420	8	6.6	0.7
50500	98650N	14	23	5	0.1	1620	0.5	840	70	186	152	50	5870	63	35.6	11.2
50500	98675N	35	8	5	0.3	2740	0.5	780	16	112	181	50	3790	94	67.9	9.9
50500	98700N	381	12	5	1.2	200	0.5	1000	18	6	51	50	34500	4	2.1	0.25
50500	98725N	47	14	5	0.2	1210	0.5	980	89	32	48	50	17700	18	9.4	2.9
50500	98750N	26	15	5	0.2	4440	0.5	620	11	93	177	50	2830	37	18.5	8.1
50500	98775N	91	11	5	0.5	3220	0.5	890	7	94	82	50	3830	40	21.1	7.3
50500	98800N	30	25	5	0.6	3730	0.5	970	14	57	173	50	6610	51	31.2	8.7
50500	98825N	27	24	5	1.7	2860	0.5	760	9	25	117	50	14200	35	22.7	6.4
50500	98850N	93	8	10	1	1470	0.5	860	32	7	44	50	11400	4	2.5	0.7
50500	98875N	280	8	30	1.2	2480	0.5	680	73	12	301	50	31200	5	3.7	0.25
50500	98900N	51	5	5	0.7	2060	0.5	630	8	5	106	50	20600	3	2.3	0.25
50500	98925N	54	5	5	0.6	1480	0.5	540	8	2.5	91	50	21800	3	2.4	0.25
50500	98950N	35	6	10	0.7	940	0.5	610	41	12	52	50	39600	4	2.6	0.7
50500	98975N	19	28	5	0.8	4100	0.5	550	12	300	62	50	2010	68	35.4	14.4
50500	99000N	10	20	5	1.5	7000	0.5	520	6	315	41	50	1040	74	35.8	15.4
50500	99025N	11	39	5	1.3	4160	0.5	580	7	538	56	50	1690	133	72	29.2
50500	99050N	11	27	5	0.8	3850	0.5	580	11	359	106	50	1430	74	38.4	16.4
50500	99075N	19	26	5	0.9	4760	0.5	840	18	260	159	50	7740	90	51.9	21.2
50500	99100N	20	40	5	1	3990	0.5	680	18	526	114	50	3810	162	94.3	34.3
50500	99125N	15	20	5	1.2	3050	0.5	690	17	222	140	50	3820	111	60.5	24.5
50500	99150N	13	31	5	2.5	3950	0.5	600	5	455	101	50	1750	86	41	19.4
50500	99175N	14	11	5	4	4470	0.5	560	4	225	30	50	1530	83	40.2	17.9
50500	99200N	9	32	5	3.4	3900	0.5	500	6	399	39	50	1770	91	46.6	19.8
Line 50600E, Dansey																
50600	98200N	25	25	5	0.2	2220	0.5	560	17	384	96	50	3620	95	56.7	19.7
50600	98225N	13	44	5	0.05	3870	0.5	470	3	248	151	50	830	19	9.4	4.7
50600	98250N	14	68	20	0.4	2820	0.5	550	18	354	110	50	7480	57	34	10.9
50600	98275N	23	23	5	0.05	6920	0.5	610	20	227	21	50	1200	35	16.3	8.1
50600	98300N															
50600	98325N	20	8	20	0.3	600	0.5	760	104	6	15	50	8160	5	2.9	0.8
50600	98350N	39	19	5	0.5	2810	0.5	870	47	70	50	50	11400	81	42.8	16
50600	98375N	35	26	5	0.9	1040	0.5	710	99	133	68	50	16100	80	47.2	15.6
50600	98400N	26	17	5	0.4	350	0.5	470	791	98	178	50	16200	20	12.9	4.6
50600	98425N	30	12	5	0.2	700	0.5	470	180	40	171	50	15700	15	12.2	2.5
50600	98450N	40	9	5	1.2	80	0.5	480	442	2.5	195	50	9790	0.5	0.8	0.25
50600	98475N	34	27	5	0.4	870	0.5	480	235	93	110	50	27800	33	24.2	6.9
50600	98500N	13	43	5	0.2	2390	0.5	620	176	292	64	50	8770	134	78.6	28.8

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50500	98475N	6	28	2	13	256	11	0.3	30	491	30	0.5	3	0.5	26	0.5	2.5	15
50500	98500N	7	198	119	32	341	2.5	0.3	408	1030	50	0.5	61	0.5	35	0.5	9	140
50500	98525N	6	123	54	65	312	2.5	0.3	201	821	60	0.5	28	0.5	15	0.5	9	76
50500	98550N	11	120	41	31	316	6	0.3	206	248	70	0.5	29	0.5	22	0.5	5	80
50500	98575N	10	272	235	44	193	2.5	0.6	684	986	120	0.5	114	0.5	42	0.5	13	201
50500	98600N	6	19	4	2.5	344	11	0.3	19	134	30	0.5	3	0.5	9	0.5	7	9
50500	98625N	7	7	2	2.5	259	13	0.3	6	107	20	0.5	0.5	0.5	2.5	0.5	6	3
50500	98650N	15	79	65	2.5	267	11	0.6	197	165	60	0.5	34	0.5	28	0.5	11	59
50500	98675N	7	97	67	2.5	375	2.5	0.3	175	110	90	0.5	30	0.5	15	0.5	17	56
50500	98700N	8	4	2	2.5	99	15	0.3	7	81	50	0.5	1	0.5	8	0.5	2.5	3
50500	98725N	12	24	15	2.5	195	19	0.6	55	64	120	0.5	9	0.5	35	0.5	7	17
50500	98750N	7	51	41	2.5	159	11	0.7	123	304	40	0.5	21	0.5	52	0.5	7	39
50500	98775N	7	54	28	2.5	241	6	0.3	105	97	50	0.5	16	0.5	25	0.5	6	36
50500	98800N	9	57	18	6	153	6	0.3	77	618	40	0.5	10	0.5	13	0.5	6	32
50500	98825N	12	39	12	2.5	206	8	0.3	44	542	30	0.5	6	0.5	6	0.5	9	18
50500	98850N	6	4	1	6	173	22	0.3	5	132	470	0.5	0.5	0.5	10	2	6	2
50500	98875N	6	4	2	5	186	38	0.3	5	313	110	0.5	0.5	0.5	15	112	5	2
50500	98900N	5	3	0.5	2.5	61	22	0.3	3	277	40	0.5	0.5	0.5	16	12	2.5	1
50500	98925N	5	2	0.5	6	61	22	0.3	1	262	40	0.5	0.5	0.5	16	13	2.5	0.5
50500	98950N	7	4	5	2.5	65	28	0.7	8	598	40	0.5	2	0.5	13	23	2.5	2
50500	98975N	17	82	99	2.5	143	6	0.9	222	664	60	0.5	42	0.5	53	0.5	20	64
50500	99000N	14	88	114	2.5	115	2.5	1	248	319	40	0.5	48	0.5	50	0.5	23	72
50500	99025N	17	161	205	2.5	152	6	0.3	447	874	50	0.5	86	0.5	44	0.5	29	123
50500	99050N	21	90	116	2.5	160	12	1.4	259	618	70	0.5	51	0.5	48	0.5	21	74
50500	99075N	12	109	69	2.5	143	7	0.3	232	640	60	0.5	38	0.5	26	0.5	7	76
50500	99100N	13	193	160	2.5	185	5	0.6	449	1670	70	0.5	79	0.5	77	0.5	15	139
50500	99125N	11	139	102	2.5	198	14	0.3	300	1030	40	0.5	50	0.5	30	0.5	12	96
50500	99150N	34	102	177	2.5	203	8	1.3	322	547	70	0.5	66	0.5	29	0.5	45	84
50500	99175N	16	102	130	2.5	138	6	1	288	303	40	0.5	55	0.5	53	0.5	27	82
50500	99200N	33	106	163	2.5	124	7	1.4	322	456	60	0.5	64	0.5	57	0.5	43	87
Line 50600E, Dar																		
50600	98200N	12	112	130	25	300	6	0.3	282	459	140	0.5	55	0.5	24	0.5	13	81
50600	98225N	47	23	81	18	181	9	1.5	92	306	110	0.5	22	0.5	16	1	33	21
50600	98250N	91	64	120	18	81	8	1	201	451	100	0.5	47	0.5	73	8	76	51
50600	98275N	21	47	103	14	82	2.5	1.3	168	183	40	0.5	37	0.5	93	0.5	13	43
50600	98300N																	
50600	98325N	9	6	2	20	221	395	0.6	7	439	20	0.5	1	0.5	48	2	2.5	3
50600	98350N	11	98	32	35	233	13	0.3	156	407	50	0.5	23	0.5	35	0.5	7	62
50600	98375N	17	98	61	7	228	12	0.3	198	247	50	0.5	33	0.5	17	0.5	13	68
50600	98400N	9	26	25	7	255	35	0.3	74	635	40	0.5	14	0.5	58	2	6	21
50600	98425N	11	14	11	6	174	17	0.5	29	433	30	0.5	5	0.5	83	0.5	8	9
50600	98450N	5	0.5	0.5	5	167	54	0.3	0.5	251	80	0.5	0.5	0.5	13	0.5	2.5	0.5
50600	98475N	10	36	48	74	203	17	0.3	108	778	30	0.5	22	0.5	24	2	8	30
50600	98500N	12	162	177	62	185	19	0.8	433	544	80	0.5	83	0.5	57	0.5	12	124

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50500	98475N	0.5	3760	0.5	4	5	1.5	1.5	0.3	15	0.5	118	8	110	13
50500	98500N	0.5	4080	0.5	24	5	17	1.5	0.3	13	0.5	809	43	230	33
50500	98525N	0.5	4650	0.5	15	5	9.1	1.5	0.3	25	0.5	571	29	850	21
50500	98550N	0.5	3550	0.5	15	5	19	1.5	0.3	20	0.5	626	36	990	9
50500	98575N	0.5	4040	0.5	34	5	20	1.5	0.3	48	1	1190	92	470	97
50500	98600N	0.5	5560	0.5	3	5	1.9	1.5	0.3	15	0.5	134	13	150	6
50500	98625N	0.5	4750	0.5	1	5	0.5	1.5	0.3	32	0.5	53	6	2050	2.5
50500	98650N	0.5	5940	0.5	11	5	16	1.5	0.3	64	0.5	373	29	3280	18
50500	98675N	0.5	6880	0.5	14	5	10	1.5	0.3	56	0.5	499	59	360	18
50500	98700N	0.5	1470	0.5	0.5	5	1.3	1.5	0.3	25	0.5	23	2	140	2.5
50500	98725N	0.5	6640	0.5	3	5	4.4	1.5	0.3	51	0.5	108	7	2610	12
50500	98750N	0.5	4170	0.5	7	5	15	1.5	0.3	22	0.5	195	13	160	24
50500	98775N	0.5	6490	0.5	7	5	11	1.5	0.3	12	0.5	237	16	160	8
50500	98800N	0.5	3820	0.5	8	5	6.8	1.5	0.3	14	0.5	279	23	100	17
50500	98825N	0.5	5100	0.5	5	5	1.7	11	0.3	11	0.5	220	18	30	13
50500	98850N	0.5	3470	0.5	0.5	5	0.6	17	0.3	11	0.5	24	2	440	15
50500	98875N	0.5	4220	0.5	0.5	5	1	8	0.3	10	0.5	29	3	3130	8
50500	98900N	0.5	3390	0.5	0.5	5	0.7	1.5	0.3	31	0.5	21	2	40	10
50500	98925N	0.5	3150	0.5	0.5	5	0.6	7	0.3	32	0.5	18	2	20	9
50500	98950N	0.5	2910	0.5	0.5	5	1.1	16	0.3	168	0.5	28	3	30	11
50500	98975N	0.5	3960	0.5	12	5	15	51	0.3	18	0.5	333	27	320	63
50500	99000N	0.5	3340	0.5	13	5	16	35	0.3	27	0.5	359	25	70	113
50500	99025N	0.5	3220	0.5	23	5	22	30	0.3	29	0.5	699	55	170	72
50500	99050N	0.5	3330	0.5	13	5	18	54	0.3	27	0.5	367	30	240	110
50500	99075N	0.5	3110	0.5	15	5	17	23	0.3	15	0.5	486	39	230	15
50500	99100N	0.5	3860	0.5	27	5	19	44	0.3	25	0.5	870	73	270	67
50500	99125N	0.5	3570	0.5	19	5	18	31	0.3	20	1	613	43	80	28
50500	99150N	0.5	3920	0.5	15	5	12	60	0.3	18	0.5	422	29	140	94
50500	99175N	0.5	3260	0.5	15	5	13	46	0.3	29	0.5	395	29	50	89
50500	99200N	0.5	3300	0.5	16	5	14	43	0.3	19	1	446	33	390	90
Line 50600E, Dar															
50600	98200N	0.5	3080	0.5	16	5	19	5	0.3	47	0.5	482	45	200	47
50600	98225N	3	3520	0.5	4	5	18	65	0.3	11	0.5	105	7	480	76
50600	98250N	2	1410	0.5	10	5	55	65	0.3	205	0.5	320	32	1690	70
50600	98275N	1	2450	0.5	7	5	26	54	0.3	41	0.5	178	13	590	64
50600	98300N														
50600	98325N	0.5	3540	0.5	0.5	5	0.3	22	0.3	65	0.5	34	2	700	15
50600	98350N	0.5	4510	0.5	14	5	7.8	9	0.3	27	0.5	488	31	400	27
50600	98375N	0.5	3460	0.5	14	5	12	1.5	0.3	28	0.5	514	38	700	18
50600	98400N	0.5	3040	0.5	4	5	5.3	1.5	0.3	25	0.5	121	13	12100	12
50600	98425N	0.5	4480	0.5	2	5	4.9	3	0.3	31	0.5	91	11	770	29
50600	98450N	0.5	3060	0.5	0.5	5	0.3	1.5	0.3	6	0.5	2.5	0.5	12100	2.5
50600	98475N	0.5	3650	0.5	5	5	5.6	1.5	0.3	50	0.5	193	24	1160	33
50600	98500N	0.5	3820	0.5	23	5	13	7	0.3	208	0.5	724	63	1600	90

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50600	98525N	11	8	5	0.2	220	0.5	290	103	2.5	52	50	14600	4	2.5	0.5
50600	98550N	13	5	5	0.3	310	0.5	380	20	2.5	98	50	14300	3	2.8	0.25
50600	98575N	19	8	5	0.4	320	0.5	450	24	2.5	146	50	15800	5	5.2	0.25
50600	98600N	27	12	5	0.8	480	0.5	650	25	25	35	50	9140	33	20.8	6.1
50600	98625N	17	20	5	0.05	1330	0.5	720	155	308	163	50	2400	63	36	11.4
50600	98650N	18	34	5	0.1	370	0.5	770	66	117	20	50	3910	25	13.1	5
50600	98675N	20	5	5	0.3	200	0.5	410	52	2.5	38	50	15000	7	5.9	0.25
50600	98700N	11	3	10	0.2	350	0.5	440	10	2.5	29	50	12700	3	2.1	0.25
50600	98725N	12	1	5	0.4	420	0.5	230	3	2.5	19	50	230	3	1.5	0.25
50600	98750N	15	2	5	0.2	800	0.5	470	8	2.5	18	50	80	3	1.9	0.25
50600	98775N	18	27	5	0.4	3010	0.5	680	31	205	78	50	12700	92	49.6	21.5
50600	98800N	10	22	5	0.1	4400	0.5	570	5	311	21	50	1630	79	37.7	18.7
50600	98825N	15	12	5	0.9	3370	0.5	700	6	86	84	50	2800	92	52.5	15.8
50600	98850N	36	8	10	0.3	1970	0.5	810	11	2.5	20	50	2680	3	1.9	0.25
50600	98875N	25	24	5	0.4	2830	0.5	670	18	304	87	50	2770	95	47.9	21.3
50600	98900N	30	17	5	0.8	2320	0.5	720	11	44	104	50	6660	50	26.1	9.9
50600	98925N	46	7	10	0.3	920	0.5	720	7	10	74	50	2340	10	5.6	1.8
50600	98950N	21	29	5	0.4	3670	0.5	700	12	412	147	50	3050	180	103	35.5
50600	98975N	11	43	5	0.1	2530	0.5	510	6	1130	92	50	1900	220	106	51.1
50600	99000N	11	29	5	0.05	2570	0.5	630	30	132	40	50	720	32	16.1	6.9
50600	99025N	15	44	5	0.05	2280	0.5	570	7	405	48	50	820	49	22.3	11
50600	99050N	16	92	5	0.05	2520	0.5	500	13	627	157	50	900	85	45.5	18.3
50600	99075N	19	34	5	0.2	2400	0.5	660	9	142	25	50	1130	64	31.5	13.6
50600	99100N	16	70	5	0.05	2370	0.5	430	5	613	76	50	440	41	18.1	9.5
50600	99125N	19	22	5	0.05	1780	0.5	570	5	60	22	50	520	8	3.8	2.3
50600	99150N	14	79	5	0.05	2590	0.5	390	9	494	41	50	720	43	19.6	9.3
50600	99175N	10	83	5	0.05	2770	0.5	320	12	612	290	50	1180	61	31.8	13.4
50600	99200N	14	44	5	0.05	2760	0.5	450	4	309	25	50	520	32	13.6	8.1
Line 50700E, Dansey																
50700	98200N	47	27	5	0.05	3900	0.5	730	248	103	65	50	9180	26	13.9	6.1
50700	98225N	16	86	5	0.05	2410	0.5	540	102	150	24	50	620	10	5.8	2.3
50700	98250N	21	38	5	0.2	2410	0.5	560	37	429	57	50	1920	138	76	29
50700	98275N	23	21	5	0.3	3520	0.5	760	12	81	69	50	2260	108	61.9	19.3
50700	98300N	29	18	5	0.4	2260	0.5	760	33	153	243	50	9580	90	53	13.9
50700	98325N	16	13	10	0.3	2620	0.5	710	44	17	159	50	3400	39	22.3	7.5
50700	98350N	75	9	20	1.6	2150	0.5	810	73	2.5	59	50	10300	6	4.3	1.1
50700	98375N	70	15	5	0.9	2450	0.5	990	45	2.5	98	50	9890	12	8.8	1.5
50700	98400N	17	34	5	0.05	4150	0.5	610	32	560	71	50	1470	135	69.5	29.4
50700	98425N	16	51	5	0.05	3870	0.5	510	50	819	82	50	940	131	67.9	28
50700	98450N	12	42	5	0.05	5230	0.5	510	10	446	49	50	830	59	29.1	13.8
50700	98475N	13	65	5	0.05	3380	0.5	500	14	434	81	50	830	38	17.6	8.7
50700	98500N	19	30	5	0.05	3680	0.5	660	27	404	124	50	1330	105	55.9	21.2
50700	98525N	18	17	5	0.4	2660	0.5	700	36	99	120	50	5830	90	83.2	11.3
50700	98550N	10	84	5	0.05	2470	0.5	530	38	652	78	50	860	67	36	13

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50600	98525N	6	3	2	27	121	42	0.3	6	379	10	0.5	1	0.5	34	4	2.5	2
50600	98550N	5	2	0.5	23	52	29	0.3	1	240	10	0.5	0.5	0.5	37	4	2.5	0.5
50600	98575N	5	2	0.5	27	81	56	0.3	0.5	350	10	0.5	0.5	0.5	41	5	2.5	0.5
50600	98600N	11	37	13	39	234	24	0.3	52	166	10	0.5	8	0.5	13	1	6	21
50600	98625N	10	71	61	26	182	26	0.6	163	590	290	0.5	31	0.5	35	0.5	7	50
50600	98650N	20	30	35	2.5	277	11	0.3	89	141	40	0.5	17	0.5	28	0.5	10	25
50600	98675N	6	4	0.5	78	179	40	0.3	2	212	20	0.5	0.5	0.5	21	5	2.5	1
50600	98700N	3	3	0.5	36	176	41	0.3	2	198	5	0.5	0.5	0.5	2.5	8	2.5	1
50600	98725N	1	3	0.5	2.5	64	2.5	0.3	1	41	5	0.5	0.5	0.5	35	0.5	2.5	0.5
50600	98750N	3	2	0.5	2.5	220	2.5	0.3	0.5	29	20	0.5	0.5	0.5	38	0.5	2.5	0.5
50600	98775N	19	119	119	73	116	22	0.7	322	765	30	0.5	60	0.5	14	1	10	93
50600	98800N	18	105	139	29	129	2.5	1.3	312	311	40	0.5	59	0.5	58	0.5	22	85
50600	98825N	9	104	54	16	180	5	0.3	160	576	30	0.5	26	0.5	29	0.5	15	60
50600	98850N	4	2	1	6	227	13	0.6	0.5	239	20	0.5	0.5	0.5	15	0.5	2.5	1
50600	98875N	12	121	120	16	196	9	0.8	295	906	50	0.5	54	0.5	46	0.5	12	90
50600	98900N	6	62	32	5	270	5	0.3	97	747	20	0.5	16	0.5	9	0.5	8	37
50600	98925N	5	11	6	2.5	280	33	0.8	14	415	20	0.5	3	0.5	2.5	0.5	5	7
50600	98950N	16	209	198	2.5	187	2.5	0.8	483	931	70	0.5	90	0.5	60	0.5	29	146
50600	98975N	21	270	393	14	204	2.5	0.6	852	1080	70	0.5	176	0.5	42	0.5	55	226
50600	99000N	16	40	47	2.5	100	6	0.7	102	511	120	0.5	22	0.5	63	0.5	11	30
50600	99025N	31	61	115	2.5	134	2.5	1.1	203	459	60	0.5	45	0.5	59	0.5	31	53
50600	99050N	54	99	165	15	98	5	1.8	305	526	130	0.5	67	0.5	64	0.5	84	80
50600	99075N	22	76	79	6	144	2.5	0.6	186	468	40	0.5	37	0.5	38	0.5	20	58
50600	99100N	42	48	124	12	95	2.5	1.1	177	302	70	0.5	44	0.5	47	0.5	57	43
50600	99125N	21	12	19	2.5	127	2.5	0.9	38	140	30	0.5	9	0.5	8	0.5	6	10
50600	99150N	50	50	103	7	77	5	1.7	164	251	80	0.5	39	0.5	48	0.5	73	42
50600	99175N	62	71	135	24	102	10	2.7	241	538	150	0.5	56	0.5	83	0.5	109	62
50600	99200N	36	42	96	8	119	7	1.2	155	186	50	0.5	36	0.5	27	0.5	24	38
Line 50700E, Dan																		
50700	98200N	13	35	42	2.5	139	22	0.7	98	343	120	0.5	19	0.5	55	0.5	7	28
50700	98225N	32	11	18	2.5	88	12	0.8	34	160	80	0.5	7	0.5	101	0.5	31	9
50700	98250N	20	156	165	2.5	157	12	0.8	400	731	90	0.5	73	0.5	72	0.5	30	119
50700	98275N	11	117	52	2.5	254	9	0.3	196	518	60	0.5	30	0.5	25	0.5	18	73
50700	98300N	8	111	53	2.5	347	9	0.3	206	531	50	0.5	31	0.5	21	0.5	7	72
50700	98325N	7	44	7	2.5	279	15	0.3	50	984	50	0.5	6	0.5	21	0.5	8	24
50700	98350N	5	5	0.5	2.5	271	12	0.3	0.5	247	30	0.5	0.5	0.5	12	1	2.5	2
50700	98375N	8	10	0.5	2.5	209	10	0.3	5	586	50	0.5	0.5	0.5	17	2	7	4
50700	98400N	21	163	217	2.5	212	9	0.8	465	776	150	0.5	89	0.5	51	0.5	30	130
50700	98425N	29	156	265	2.5	147	8	1	500	717	120	0.5	103	0.5	66	0.5	50	130
50700	98450N	32	74	136	2.5	108	6	1.4	251	256	90	0.5	53	0.5	59	0.5	36	64
50700	98475N	36	46	98	2.5	119	7	1.4	164	240	120	0.5	35	0.5	40	0.5	37	41
50700	98500N	19	128	142	2.5	122	6	0.8	341	637	130	0.5	63	0.5	43	0.5	20	98
50700	98525N	7	82	64	2.5	202	8	0.3	152	891	160	0.5	26	0.5	27	0.5	11	46
50700	98550N	47	74	130	2.5	169	7	0.9	234	421	200	0.5	50	0.5	48	0.5	86	62

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50600	98525N	0.5	1870	0.5	0.5	5	0.3	5	0.3	56	0.5	27	2	690	8
50600	98550N	0.5	2260	0.5	0.5	5	0.3	1.5	0.3	37	0.5	19	3	50	9
50600	98575N	0.5	2470	0.5	0.5	5	0.3	1.5	0.3	34	0.5	29	6	130	7
50600	98600N	0.5	3350	0.5	5	5	6.3	1.5	0.3	373	0.5	212	17	1730	7
50600	98625N	0.5	4520	0.5	11	5	20	4	0.3	51	0.5	316	29	2610	25
50600	98650N	0.5	3890	0.5	4	5	9.6	1.5	0.3	23	0.5	138	12	2030	16
50600	98675N	0.5	3190	0.5	0.5	5	0.9	1.5	0.3	78	0.5	43	5	450	5
50600	98700N	0.5	3090	0.5	0.5	5	0.3	1.5	0.3	97	0.5	22	2	60	5
50600	98725N	0.5	160	0.5	0.5	5	0.3	1.5	0.3	2	0.5	13	0.5	40	2.5
50600	98750N	0.5	330	0.5	0.5	5	0.3	1.5	0.3	3	0.5	14	2	30	2.5
50600	98775N	2	4640	0.5	16	5	12	11	0.3	141	0.5	572	40	400	72
50600	98800N	2	3290	0.5	14	5	14	19	0.3	25	0.5	395	27	160	106
50600	98825N	1	3340	0.5	15	5	8.9	12	0.3	32	0.5	491	37	50	38
50600	98850N	0.5	3900	0.5	0.5	5	0.3	8	0.3	12	0.5	18	2	90	21
50600	98875N	1	3130	0.5	17	5	22	15	0.3	15	0.5	494	34	290	70
50600	98900N	1	3490	0.5	8	5	7.1	10	0.3	20	0.5	279	18	100	23
50600	98925N	1	3040	0.5	2	5	1.1	22	0.3	46	0.5	55	5	100	35
50600	98950N	1	3740	0.5	31	5	19	11	0.3	43	0.5	922	78	100	96
50600	98975N	1	2830	0.5	40	5	20	21	0.3	39	0.5	964	79	110	113
50600	99000N	2	2770	0.5	6	5	6.9	32	0.3	5	0.5	173	12	2420	34
50600	99025N	1	2850	0.5	9	5	10	27	0.3	21	0.5	239	16	230	81
50600	99050N	2	2460	0.5	15	5	19	100	0.3	20	0.5	442	35	640	164
50600	99075N	1	3220	0.5	11	5	6.4	20	0.3	14	0.5	317	23	340	49
50600	99100N	1	2120	0.5	8	5	13	70	0.3	11	0.5	198	13	340	101
50600	99125N	1	2510	0.5	2	5	4.1	36	0.3	6	0.5	45	3	240	26
50600	99150N	1	2060	0.5	8	5	14	93	0.3	16	0.5	207	15	670	133
50600	99175N	2	2110	0.5	11	5	32	207	0.3	29	0.5	306	27	760	226
50600	99200N	1	3040	0.5	6	5	11	45	0.3	12	0.5	160	10	110	63
Line 50700E, Dan															
50700	98200N	0.5	3040	0.5	5	5	14	22	0.3	32	0.5	147	11	3390	26
50700	98225N	0.5	2550	0.5	2	5	6.9	36	0.3	13	0.5	50	5	11700	50
50700	98250N	0.5	2980	0.5	24	5	18	18	0.3	42	0.5	697	60	330	99
50700	98275N	0.5	4540	0.5	18	5	11	22	0.3	24	0.5	526	46	300	48
50700	98300N	0.5	3690	0.5	16	5	21	1.5	0.3	28	0.5	496	40	370	13
50700	98325N	0.5	3720	0.5	7	5	5.7	10	0.3	12	1	203	16	350	15
50700	98350N	0.5	3760	0.5	1	5	0.7	1.5	0.3	10	0.5	35	4	710	6
50700	98375N	0.5	3850	0.5	2	5	0.8	1.5	0.3	13	0.5	59	8	410	10
50700	98400N	0.5	3600	0.5	24	5	26	19	0.3	30	0.5	678	52	1040	88
50700	98425N	0.5	2970	0.5	23	5	29	39	0.3	33	0.5	637	51	1350	137
50700	98450N	0.5	2910	0.5	11	5	16	42	0.3	23	0.5	285	22	790	120
50700	98475N	0.5	2780	0.5	7	5	18	68	0.3	21	0.5	166	14	990	108
50700	98500N	0.5	3510	0.5	19	5	19	19	0.3	20	0.5	510	44	1160	58
50700	98525N	0.5	4000	0.5	13	5	4	1.5	0.3	25	0.5	441	83	1240	15
50700	98550N	0.5	2950	0.5	12	5	19	39	0.3	29	0.5	328	28	3570	105

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50700	98575N	24	38	5	0.05	3520	0.5	690	32	346	217	50	1500	96	57.3	17.4
50700	98600N	34	12	5	0.05	3430	0.5	740	53	37	89	50	1480	33	22.3	4.9
50700	98625N	25	53	5	0.05	3710	0.5	660	84	203	32	50	2840	73	44.3	13.7
50700	98650N	17	39	5	0.05	2650	0.5	470	15	161	50	50	550	26	13.1	6.2
50700	98675N	9	105	5	0.05	4010	0.5	410	12	756	288	50	530	71	33.8	14.8
50700	98700N	17	27	5	0.05	3630	0.5	550	13	541	128	50	930	144	75.9	32.2
50700	98725N	18	61	5	0.05	3550	0.5	450	6	744	115	50	830	95	43.1	24.4
50700	98750N	13	44	5	0.05	3030	0.5	420	4	388	89	50	400	35	15	8.3
50700	98775N	18	56	5	0.05	2790	0.5	420	11	297	27	50	720	40	19.9	9.3
50700	98800N	6	14	5	0.05	2910	0.5	520	13	114	24	50	280	13	5.5	3
50700	98825N	13	26	5	0.05	2870	0.5	480	10	252	43	50	610	46	21.3	11.3
50700	98850N	9	60	5	0.05	3070	0.5	340	7	1050	55	50	400	102	48.1	22.9
50700	98875N	12	29	5	0.05	3260	0.5	480	16	317	35	50	640	31	13.6	7.6
50700	98900N	20	44	5	0.05	2600	0.5	500	13	391	47	50	840	43	18.9	10.7
50700	98925N	13	39	5	0.05	3310	0.5	400	12	432	69	50	650	41	19.4	10
50700	98950N	10	84	5	0.05	2710	0.5	360	9	370	93	50	420	34	16.1	7.6
50700	98975N	19	8	5	0.2	1580	0.5	700	15	10	9	50	2050	6	2.8	1.4
50700	99000N	13	50	5	0.05	3750	0.5	480	15	682	76	50	1300	127	61.9	30.6
50700	99025N	17	34	5	0.05	3040	0.5	430	7	473	63	50	620	46	20.2	11.9
50700	99050N	17	34	5	0.05	2300	0.5	470	8	331	63	50	1070	47	20	11.6
50700	99075N	19	23	5	0.1	1910	0.5	550	6	157	39	50	980	36	14.7	8.1
50700	99100N	29	15	5	0.05	2270	0.5	520	5	74	30	50	1030	10	4.6	2.2
50700	99125N	16	43	5	0.2	2820	0.5	570	7	178	28	50	850	15	7	3.7
50700	99150N	11	31	5	0.05	2210	0.5	520	19	242	22	50	660	32	15.6	8.3
50700	99175N	15	34	5	0.05	2140	0.5	470	7	541	32	50	770	55	23.6	14
50700	99200N	31	10	5	0.05	2080	0.5	650	15	20	44	50	2630	26	13.5	5
Line 50800E, Dansey																
50800	98200N	16	36	5	0.1	3800	0.5	560	34	437	57	50	1260	114	59.4	23.7
50800	98225N	9	22	5	0.05	4730	0.5	490	85	340	21	50	780	28	12.8	8.3
50800	98250N	11	22	5	0.1	4780	0.5	530	58	505	159	50	2740	144	79.1	30.7
50800	98275N	15	19	5	0.05	4130	0.5	580	60	266	177	50	1900	108	55.9	24.9
50800	98300N	55	23	5	0.8	3800	0.5	770	138	90	189	50	5880	67	36.4	14.4
50800	98325N	33	21	5	1.3	4390	0.5	650	46	255	346	50	5670	135	81.1	26.9
50800	98350N	11	58	5	0.05	4350	0.5	380	21	1180	22	50	1000	108	49.6	27.4
50800	98375N	15	27	5	0.2	3010	0.5	430	17	264	8	50	800	41	18.1	11.4
50800	98400N	21	56	5	0.05	4030	0.5	480	75	564	42	50	840	81	37.9	20.2
50800	98425N	21	51	5	0.05	3750	0.5	430	34	343	32	50	460	27	11.1	7
50800	98450N	20	48	5	0.05	3560	0.5	520	23	261	17	50	360	24	10.1	6.1
50800	98475N	25	30	5	0.05	4010	0.5	570	28	543	29	50	810	92	43.1	23.4
50800	98500N	10	53	5	0.05	2510	0.5	370	17	659	48	50	840	54	25.2	13.8
50800	98525N	10	60	5	0.05	3960	0.5	380	7	327	16	50	340	20	8.6	6.3
50800	98550N	12	19	5	0.2	4130	0.5	560	4	328	65	50	1550	123	59.2	25.4
50800	98575N	14	24	5	0.05	3400	0.5	490	16	250	36	50	1690	82	39	21.8
50800	98600N	19	11	5	0.1	3590	0.5	550	15	116	86	50	1900	61	29.7	15.1

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50700	98575N	16	107	113	2.5	177	8	0.6	256	1320	110	0.5	48	0.5	46	0.5	21	75
50700	98600N	8	36	20	2.5	207	7	0.7	64	509	120	0.5	10	0.5	33	0.5	8	22
50700	98625N	32	86	84	2.5	87	6	0.6	228	766	100	0.5	41	0.5	73	0.5	31	65
50700	98650N	22	32	46	2.5	121	2.5	0.7	94	354	60	0.5	18	0.5	39	0.5	14	27
50700	98675N	60	76	179	2.5	108	5	1.6	258	564	150	0.5	60	0.5	42	0.5	128	64
50700	98700N	17	175	244	11	181	8	2.2	511	1130	90	0.5	104	0.5	52	0.5	33	143
50700	98725N	31	121	254	11	110	5	1.9	457	301	70	0.5	99	0.5	86	0.5	65	111
50700	98750N	27	44	113	6	88	6	1.7	166	252	70	0.5	39	0.5	50	0.5	30	40
50700	98775N	42	50	91	2.5	75	5	1.5	166	377	70	0.5	37	0.5	35	0.5	39	43
50700	98800N	16	16	29	2.5	108	13	1	48	274	60	0.5	11	0.5	52	0.5	15	14
50700	98825N	19	59	102	9	104	2.5	1.2	193	441	90	0.5	41	0.5	45	0.5	21	51
50700	98850N	33	122	273	9	80	7	1.8	455	466	100	0.5	103	0.5	70	0.5	88	109
50700	98875N	25	41	85	2.5	102	10	1.5	142	444	60	0.5	32	0.5	53	0.5	20	35
50700	98900N	25	55	106	2.5	118	7	1.1	179	345	70	0.5	40	0.5	19	0.5	22	46
50700	98925N	35	53	117	2.5	96	7	1.8	190	377	70	0.5	44	0.5	51	0.5	38	46
50700	98950N	51	38	89	6	78	8	2.7	133	354	110	0.5	32	0.5	48	0.5	66	33
50700	98975N	7	8	4	2.5	81	13	0.5	10	218	10	0.5	3	0.5	24	0.5	8	5
50700	99000N	32	158	272	14	116	9	1.2	542	638	90	0.5	117	0.5	54	0.5	51	137
50700	99025N	32	60	138	7	109	7	1.8	230	292	80	0.5	53	0.5	55	0.5	36	56
50700	99050N	28	61	111	2.5	106	2.5	1.5	207	320	80	0.5	45	0.5	30	0.5	29	53
50700	99075N	22	42	41	2.5	116	6	1	102	241	50	0.5	21	0.5	31	0.5	17	33
50700	99100N	19	13	18	2.5	106	8	1.8	34	325	40	0.5	8	0.5	44	0.5	13	10
50700	99125N	31	18	37	2.5	122	8	1.4	56	200	50	0.5	14	0.5	36	0.5	25	15
50700	99150N	22	45	65	2.5	123	11	1.1	136	326	50	0.5	28	0.5	43	0.5	16	37
50700	99175N	27	72	144	8	113	7	1.2	261	378	70	0.5	57	0.5	30	0.5	23	64
50700	99200N	8	30	7	7	117	9	0.6	34	512	30	0.5	6	0.5	20	0.5	9	17
Line 50800E, Dan																		
50800	98200N	16	135	155	28	198	5	0.3	342	935	220	0.5	65	0.5	57	0.5	24	99
50800	98225N	16	39	66	24	90	6	0.8	135	383	90	0.5	27	0.5	35	0.5	16	34
50800	98250N	8	183	163	22	211	12	0.3	433	1000	90	0.5	77	0.5	63	0.5	13	131
50800	98275N	10	134	109	20	192	9	0.3	294	1050	310	0.5	51	0.5	37	0.5	15	94
50800	98300N	7	76	32	23	311	21	0.3	124	1400	370	0.5	19	0.5	15	5	10	45
50800	98325N	9	156	109	18	356	14	0.3	310	1360	60	0.5	51	0.5	10	0.5	24	99
50800	98350N	31	143	281	18	147	2.5	0.9	517	499	3840	0.5	110	0.5	63	0.5	56	128
50800	98375N	23	59	106	5	109	6	0.7	209	264	40	0.5	42	0.5	41	0.5	21	52
50800	98400N	38	107	194	9	114	2.5	1	380	290	80	0.5	79	0.5	73	0.5	56	94
50800	98425N	33	36	93	2.5	147	6	1.2	138	162	90	0.5	31	0.5	36	0.5	35	32
50800	98450N	34	30	62	7	113	6	1.2	95	259	70	0.5	21	0.5	28	0.5	45	24
50800	98475N	21	123	177	14	180	5	0.7	380	691	70	0.5	76	0.5	40	0.5	30	103
50800	98500N	44	72	150	9	168	6	1.5	265	376	90	0.5	57	0.5	54	0.5	77	65
50800	98525N	31	26	80	10	121	2.5	0.9	109	122	30	0.5	25	0.5	65	0.5	26	24
50800	98550N	9	140	136	26	322	2.5	0.5	324	371	60	0.5	60	0.5	55	0.5	18	104
50800	98575N	19	116	158	9	136	5	0.9	354	539	40	0.5	67	0.5	29	0.5	24	94
50800	98600N	11	83	85	2.5	164	7	1	215	445	40	0.5	37	0.5	24	0.5	17	62

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50700	98575N	0.5	3750	0.5	16	5	15	14	0.3	26	0.5	478	44	1850	63
50700	98600N	0.5	3980	0.5	5	5	5	1.5	0.3	7	0.5	161	19	1930	24
50700	98625N	0.5	3850	0.5	13	5	7.8	12	0.3	33	0.5	428	35	5450	56
50700	98650N	0.5	2850	0.5	5	5	8.5	34	0.3	7	0.5	120	9	570	46
50700	98675N	0.5	2470	0.5	13	5	32	128	0.3	21	0.5	316	25	1110	187
50700	98700N	0.5	2980	1	26	20	27	22	0.8	33	4	700	55	500	129
50700	98725N	0.5	2810	0.5	19	5	18	64	0.5	21	1	476	32	170	181
50700	98750N	0.5	2590	0.5	7	5	11	55	0.3	11	0.5	169	10	110	93
50700	98775N	0.5	2220	0.5	7	5	11	47	0.3	9	0.5	211	15	360	90
50700	98800N	0.5	2630	0.5	2	5	9.9	37	0.3	4	0.5	61	4	730	31
50700	98825N	0.5	2410	0.5	9	5	18	48	0.3	10	0.5	241	16	390	76
50700	98850N	0.5	2020	0.5	19	5	26	148	0.3	22	0.5	487	36	460	235
50700	98875N	0.5	2680	0.5	6	5	17	38	0.3	11	0.5	148	10	710	71
50700	98900N	0.5	2700	0.5	8	5	10	32	0.3	15	0.5	207	13	1020	50
50700	98925N	0.5	2330	0.5	8	5	18	69	0.3	12	0.5	204	15	990	111
50700	98950N	0.5	1830	0.5	6	5	19	210	0.3	8	0.5	166	12	570	113
50700	98975N	0.5	2740	0.5	1	5	1.1	15	0.3	7	0.5	36	2	370	10
50700	99000N	0.5	2850	0.5	23	5	15	45	0.3	17	0.5	649	45	750	115
50700	99025N	0.5	2850	0.5	9	5	23	87	0.3	13	0.5	223	15	250	106
50700	99050N	0.5	2850	0.5	9	5	14	46	0.3	17	0.5	230	15	290	92
50700	99075N	0.5	3330	0.5	7	5	4.6	29	0.3	14	0.5	158	10	300	46
50700	99100N	0.5	3510	0.5	2	5	6.5	50	0.3	6	0.5	52	4	210	58
50700	99125N	0.5	3800	0.5	3	5	9.6	31	0.3	9	0.5	74	5	340	47
50700	99150N	0.5	2710	0.5	6	5	11	29	0.3	10	0.5	175	11	1010	37
50700	99175N	0.5	2960	0.5	11	5	16	35	0.3	20	0.5	268	15	330	54
50700	99200N	0.5	3320	0.5	5	5	3.7	19	0.3	7	0.5	145	10	320	16
Line 50800E, Dan															
50800	98200N	0.5	3080	0.5	20	5	11	17	0.3	28	0.5	622	44	1390	59
50800	98225N	0.5	3080	0.5	6	5	19	31	0.3	3	0.5	151	10	1530	67
50800	98250N	0.5	3280	0.5	25	5	24	10	0.3	22	2	821	57	640	41
50800	98275N	0.5	2760	0.5	19	5	17	14	0.3	25	1	636	41	790	47
50800	98300N	0.5	3390	0.5	11	5	9.8	10	0.3	15	1	371	27	1110	22
50800	98325N	0.5	3870	0.5	22	5	12	13	0.3	31	2	868	60	190	34
50800	98350N	0.5	2850	0.5	21	5	17	42	0.3	14	0.5	575	35	540	119
50800	98375N	0.5	2420	0.5	8	5	10	24	0.3	11	0.5	230	14	690	53
50800	98400N	0.5	2610	0.5	16	5	9.8	34	0.3	22	0.5	440	29	5090	118
50800	98425N	0.5	2660	0.5	5	5	8.4	49	0.3	12	0.5	137	8	3090	89
50800	98450N	0.5	2830	0.5	5	5	7.9	67	0.3	10	0.5	124	7	1950	56
50800	98475N	0.5	3360	0.5	18	5	13	23	0.3	21	0.5	523	32	840	72
50800	98500N	0.5	2300	0.5	10	5	18	93	0.3	16	0.5	302	19	550	112
50800	98525N	0.5	3050	0.5	4	5	11	71	0.3	11	0.5	100	6	560	57
50800	98550N	0.5	4310	0.5	22	5	20	12	0.3	117	0.5	617	43	470	94
50800	98575N	0.5	3120	0.5	16	5	12	37	0.3	20	0.5	477	28	450	67
50800	98600N	0.5	3030	0.5	11	5	11	25	0.3	30	0.5	361	21	160	61

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50800	98625N	13	26	5	0.05	4230	0.5	470	9	476	24	50	1250	70	33.1	19.8
50800	98650N	15	30	5	0.9	3030	0.5	530	8	286	28	50	840	47	20.9	12.6
50800	98675N	7	57	5	0.05	6440	0.5	420	5	833	82	50	600	65	28.9	17.2
50800	98700N	14	38	5	0.05	3880	0.5	540	10	405	84	50	1590	70	34.7	16.6
50800	98725N	13	30	5	0.05	3860	0.5	480	9	522	34	50	990	97	46.2	25.3
50800	98750N	14	45	5	0.05	2460	0.5	420	8	400	98	50	700	22	8.7	6.2
50800	98775N	18	21	5	0.05	2950	0.5	530	9	172	21	50	940	23	10	5.1
50800	98800N	17	45	5	0.05	2130	0.5	470	18	143	19	50	720	30	15	5.7
50800	98825N	11	105	5	0.05	1690	0.5	350	9	719	158	50	790	82	42.4	17.7
50800	98850N	19	31	5	0.05	3400	0.5	470	13	382	25	50	700	61	29.6	13.8
50800	98875N	17	121	5	0.05	2760	0.5	310	18	461	161	50	650	43	21.2	9
50800	98900N	12	37	5	0.05	1550	0.5	520	7	89	30	50	400	14	5.9	3.1
50800	98925N	13	46	5	0.05	2170	0.5	540	9	474	51	50	1240	83	46.9	15.8
50800	98950N	8	67	5	0.05	2370	0.5	460	11	504	42	50	860	68	33.8	15
50800	98975N	13	26	5	0.05	2440	0.5	490	5	323	31	50	330	16	7.4	3.7
50800	99000N	8	45	5	0.05	2810	0.5	440	8	494	49	50	380	30	13.8	6.5
50800	99025N	10	86	5	0.05	1480	0.5	370	17	153	37	50	420	20	10.3	4.1
50800	99050N	12	38	5	0.1	2350	0.5	550	7	341	13	50	770	51	28	10.7
50800	99075N	19	19	5	0.05	3140	0.5	540	8	256	49	50	870	63	30.7	14.4
50800	99100N	18	67	5	0.05	2990	0.5	420	7	631	465	50	550	46	22.6	10.8
50800	99125N	34	9	5	0.9	840	0.5	580	8	2.5	16	50	3610	5	3.2	0.7
50800	99150N	9	75	5	0.05	1200	0.5	320	8	427	29	50	500	34	17.4	8
50800	99175N	14	62	5	0.05	2200	0.5	370	8	526	17	50	1450	103	55.5	23.5
50800	99200N	23	16	5	0.05	1320	0.5	600	16	2.5	9	50	1240	8	3.9	1.8
Line 49400, Last SNL																
49400	97000N	8	149	<10	<0.1	2530	<1	360	10	903	86	<100	810	73	35.7	17.7
49400	97050N	9	25	10	<0.1	3200	<1	570	11	104	53	<100	2140	29	13.5	7.2
49400	97100N	9	162	<10	<0.1	3590	<1	370	8	298	171	<100	1860	30	17.1	6.6
49400	97150N	29	26	<10	<0.1	3250	<1	720	16	75	61	<100	2160	11	4.8	2.5
49400	97200N	8	143	<10	<0.1	3300	<1	480	24	260	29	<100	1480	65	40	10.5
49400	97250N															
49400	97300N	19	45	<10	0.2	4650	<1	880	17	539	472	<100	6650	91	58.5	19.1
49400	97350N	20	33	<10	0.2	4970	<1	870	21	214	368	<100	4190	50	28.7	9.3
49400	97400N	41	88	<10	<0.1	3330	<1	790	10	628	226	<100	6760	195	112	48.9
49400	97450N	11	95	<10	<0.1	3690	<1	580	11	402	177	<100	2480	76	40.3	17.6
49400	97500N	13	107	<10	<0.1	7100	<1	450	3	312	165	<100	620	36	18.9	7.8
49400	97550N	12	111	<10	<0.1	7510	<1	610	20	445	14	<100	2240	77	41.6	16.8
49400	97600N	10	101	<10	<0.1	3420	<1	640	3	702	175	<100	1150	53	23.9	13.1
49400	97650N	12	103	<10	<0.1	4890	<1	790	7	1110	449	<100	7970	170	108	37
Line 49500, Last SNL																
49500	97000N	13	99	<10	<0.1	2480	<1	230	6	133	10	<100	530	16	9.1	4.7
49500	97050N	6	103	<10	<0.1	7510	<1	360	7	271	19	<100	1000	36	18.7	8.9
49500	97100N	5	182	<10	<0.1	5710	<1	270	24	124	37	<100	850	17	10.4	3.9
49500	97150N	11	35	<10	<0.1	10400	<1	670	9	283	49	<100	650	22	11.1	6.8

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50800	98625N	23	103	155	10	98	2.5	0.8	349	541	30	0.5	67	0.5	38	0.5	22	88
50800	98650N	28	65	114	5	84	2.5	0.9	215	408	30	0.5	44	0.5	27	0.5	22	55
50800	98675N	30	86	185	16	92	2.5	0.8	325	376	60	0.5	70	0.5	64	0.5	60	77
50800	98700N	27	89	132	6	121	5	1.2	267	731	50	0.5	54	0.5	39	0.5	30	70
50800	98725N	33	136	250	8	120	2.5	0.9	467	550	60	0.5	95	0.5	41	0.5	40	114
50800	98750N	37	30	94	9	144	2.5	1.6	125	224	50	0.5	29	0.5	43	0.5	37	28
50800	98775N	18	28	54	2.5	71	5	0.9	87	199	50	0.5	20	0.5	51	0.5	20	23
50800	98800N	32	34	49	2.5	91	9	1.2	90	366	70	0.5	19	0.5	40	0.5	30	26
50800	98825N	67	95	201	11	98	9	2.3	330	385	80	0.5	78	0.5	42	0.5	104	80
50800	98850N	24	81	119	6	70	2.5	1.2	244	361	60	0.5	51	0.5	49	0.5	27	64
50800	98875N	105	46	107	8	78	7	4.1	154	393	140	0.5	36	0.5	50	0.5	114	39
50800	98900N	26	17	27	2.5	108	2.5	1.3	49	137	50	0.5	11	0.5	29	0.5	22	14
50800	98925N	26	89	102	12	111	2.5	1	213	560	100	0.5	44	0.5	57	0.5	47	63
50800	98950N	43	79	133	10	106	8	1.1	239	365	100	0.5	54	0.5	38	0.5	63	64
50800	98975N	27	20	41	2.5	120	8	1.6	65	174	40	0.5	15	0.5	38	0.5	31	17
50800	99000N	34	34	73	8	102	11	1.6	106	243	100	0.5	25	0.5	42	0.5	45	28
50800	99025N	46	23	31	2.5	115	17	2.1	62	247	100	0.5	13	0.5	61	0.5	52	18
50800	99050N	20	59	66	14	146	7	0.8	156	347	40	0.5	32	0.5	42	0.5	33	45
50800	99075N	17	78	102	8	152	6	0.9	213	423	70	0.5	43	0.5	29	0.5	20	60
50800	99100N	53	54	126	9	128	13	3.8	184	303	120	0.5	45	0.5	55	0.5	85	45
50800	99125N	5	5	0.5	2.5	132	14	0.3	2	295	10	0.5	0.5	0.5	15	0.5	7	2
50800	99150N	51	40	59	11	125	9	1.4	124	273	80	0.5	27	0.5	55	0.5	58	34
50800	99175N	37	125	154	12	138	10	1.1	360	481	70	0.5	72	0.5	30	0.5	51	99
50800	99200N	12	10	3	2.5	124	16	0.7	18	247	5	0.5	3	0.5	55	0.5	9	7
Line 49400, Last S																		
49400	97000N	82	88	179	9	121	34	2.8	346	504	130	<1	74	<1	110	<1	118	84
49400	97050N	21	38	52	<5	137	9	1.1	116	486	60	<1	22	<1	64	<1	17	32
49400	97100N	138	31	67	<5	97	14	5.5	108	373	220	<1	24	<1	77	<1	85	26
49400	97150N	26	14	27	<5	162	13	2.3	45	254	50	<1	9	<1	95	<1	14	11
49400	97200N	82	57	79	<5	103	5	1.1	153	281	130	<1	31	<1	195	<1	88	42
49400	97250N																	
49400	97300N	26	103	172	32	176	38	0.9	344	2700	80	<1	70	<1	67	<1	16	85
49400	97350N	21	53	67	<5	314	15	0.7	140	877	90	<1	27	<1	25	<1	19	38
49400	97400N	58	220	358	<5	79	7	0.9	694	156	120	<1	142	<1	65	<1	102	179
49400	97450N	51	85	170	<5	149	5	1.3	273	327	250	<1	62	<1	80	<1	53	70
49400	97500N	77	41	106	<5	65	19	4.3	153	283	160	1	35	<1	104	<1	88	36
49400	97550N	41	86	134	<5	69	9	1	268	386	80	<1	54	<1	171	<1	49	72
49400	97600N	45	63	150	<5	79	29	3.1	233	199	130	<1	53	<1	124	<1	48	57
49400	97650N	53	186	367	29	166	32	1.5	645	424	270	<1	139	<1	94	<1	75	157
Line 49500, Last																		
49500	97000N	25	19	35	<5	30	8	1.2	64	85	90	<1	14	<1	251	<1	39	17
49500	97050N	58	38	72	<5	69	11	2.4	126	151	90	<1	27	<1	192	<1	73	33
49500	97100N	92	15	29	<5	31	14	2.8	45	159	220	<1	10	<1	160	<1	54	12
49500	97150N	37	27	69	<5	91	8	1.8	94	168	70	<1	22	<1	123	<1	31	24

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50800	98625N	0.5	2710	0.5	14	5	15	46	0.3	13	0.5	411	24	290	78
50800	98650N	0.5	2460	0.5	9	5	10	39	0.3	15	0.5	255	15	230	65
50800	98675N	0.5	2680	0.5	13	5	16	71	0.3	14	0.5	342	21	220	120
50800	98700N	0.5	2720	0.5	13	5	17	63	0.3	16	0.5	389	27	320	96
50800	98725N	0.5	2420	0.5	19	5	14	51	0.3	18	0.5	595	33	220	100
50800	98750N	0.5	2460	0.5	4	5	11	105	0.3	9	0.5	110	6	200	95
50800	98775N	0.5	2810	0.5	4	5	13	26	0.3	12	0.5	101	7	350	51
50800	98800N	0.5	2560	0.5	5	5	7.7	55	0.3	14	0.5	131	11	1100	63
50800	98825N	0.5	2100	0.5	15	5	28	265	0.3	10	0.5	376	34	360	207
50800	98850N	0.5	2790	0.5	11	5	17	51	0.3	10	0.5	283	22	1000	84
50800	98875N	0.5	2010	0.5	8	5	34	401	0.3	14	0.5	194	16	1570	202
50800	98900N	0.5	3010	0.5	3	5	4.7	74	0.3	10	0.5	62	4	250	46
50800	98925N	0.5	3650	0.5	14	5	9.3	38	0.3	41	0.5	359	39	200	102
50800	98950N	0.5	2870	0.5	12	5	17	61	0.3	14	0.5	318	25	430	71
50800	98975N	0.5	2870	0.5	3	5	15	43	0.3	11	0.5	70	6	230	93
50800	99000N	0.5	2780	0.5	5	5	24	84	0.3	12	0.5	127	11	670	94
50800	99025N	0.5	1950	0.5	3	5	12	215	0.3	10	0.5	93	8	1770	78
50800	99050N	0.5	3510	0.5	9	5	6.4	17	0.3	18	0.5	235	24	290	55
50800	99075N	0.5	3540	0.5	12	5	15	28	0.3	13	0.5	297	24	290	63
50800	99100N	0.5	3330	0.5	8	5	29	236	0.3	21	0.5	201	18	480	207
50800	99125N	0.5	3400	0.5	0.5	5	0.3	6	0.3	20	0.5	28	3	80	13
50800	99150N	0.5	2270	0.5	6	5	16	99	0.3	7	0.5	153	14	900	71
50800	99175N	0.5	2590	0.5	19	5	18	49	0.3	17	0.5	487	44	660	74
50800	99200N	0.5	2910	0.5	1	5	2	24	0.3	7	0.5	45	3	630	11
Line 49400, Last S															
49400	97000N	<1	1300	<1	14	<10	40	425	<0.5	39	<1	343	28	1310	247
49400	97050N	<1	1990	<1	5	<10	11	96	<0.5	9	<1	141	9	1120	53
49400	97100N	<1	1950	<1	5	<10	39	586	<0.5	20	<1	160	14	1140	254
49400	97150N	<1	2930	<1	2	<10	9.6	99	<0.5	14	<1	54	4	1350	60
49400	97200N	<1	2000	<1	10	<10	11	115	<0.5	62	<1	374	31	3920	172
49400	97250N														
49400	97300N	<1	2040	<1	15	<10	58	19	<0.5	8	1	470	48	80	70
49400	97350N	<1	3940	<1	8	<10	27	25	<0.5	34	<1	242	22	520	48
49400	97400N	<1	2440	<1	33	<10	24	31	<0.5	781	<1	1080	85	180	145
49400	97450N	<1	2910	<1	13	<10	21	117	<0.5	67	<1	411	30	610	112
49400	97500N	<1	2890	<1	6	<10	31	324	<0.5	20	<1	188	16	200	396
49400	97550N	<1	2620	<1	14	<10	14	55	<0.5	44	<1	400	32	1200	126
49400	97600N	<1	2430	<1	10	<10	22	140	<0.5	69	<1	244	18	120	165
49400	97650N	<1	3220	<1	29	<10	38	60	<0.5	613	<1	967	88	110	197
Line 49500, Last															
49500	97000N	<1	840	<1	3	<10	7.6	236	0.8	13	<1	87	7	1240	106
49500	97050N	<1	1780	<1	6	<10	16	301	0.9	24	<1	186	16	1530	196
49500	97100N	<1	1080	<1	3	<10	22	589	0.8	12	<1	86	9	3580	119
49500	97150N	<1	3160	<1	4	<10	23	63	0.6	25	<1	103	8	240	111

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
49500	97200N	18	79	<10	<0.1	7410	<1	510	6	744	58	<100	1200	48	23.9	13.2
49500	97250N	14	59	<10	<0.1	6800	<1	740	13	244	36	<100	3420	47	23.1	12.4
49500	97300N	9	57	<10	<0.1	4800	<1	800	14	276	52	<100	2810	38	20.3	10.2
49500	97350N	5	34	<10	0.2	4860	<1	670	8	412	39	<100	510	34	16.5	10
49500	97400N	14	96	<10	<0.1	2740	<1	420	10	871	164	<100	830	45	23.4	12.2
49500	97450N	6	53	<10	<0.1	2360	<1	540	3	871	41	<100	460	62	27.8	17
49500	97500N	12	81	<10	<0.1	2050	<1	520	15	169	27	<100	2460	22	12.5	5.5
49500	97550N	17	42	<10	<0.1	1640	<1	720	10	251	156	<100	1350	27	14.4	7
49500	97600N	25	45	<10	<0.1	6000	<1	690	16	738	41	<100	3740	115	63.6	27.5
49500	97650N	16	25	<10	<0.1	3870	<1	700	12	266	78	<100	1400	40	19.4	10.3
Line 49600, Last SNL																
49600	97000N	2	137	<10	<0.1	2640	<1	270	27	319	101	<100	890	21	11.7	5
49600	97050N	16	32	<10	<0.1	2040	<1	480	4	484	13	<100	570	33	14.9	8.9
49600	97100N	7	92	<10	<0.1	5690	<1	420	12	339	48	<100	1130	28	15.2	7
49600	97150N	10	48	<10	<0.1	7600	<1	620	10	655	65	<100	670	59	30.2	14.6
49600	97200N	10	35	<10	<0.1	4130	<1	720	13	176	43	<100	770	26	13.4	6.6
49600	97250N	12	32	<10	<0.1	3980	<1	700	11	178	44	<100	780	26	13.4	6.7
49600	97300N	7	58	<10	<0.1	4050	<1	630	16	338	56	<100	1180	60	32	13.5
49600	97350N	17	36	<10	0.1	6620	<1	490	10	664	34	<100	4700	60	28.8	16.8
49600	97400N	25	77	<10	<0.1	5900	<1	570	23	224	27	<100	1260	34	18.3	9
49600	97450N	12	44	<10	<0.1	5910	<1	850	60	132	18	<100	1070	23	12.7	5.9
49600	97500N	11	114	<10	<0.1	3260	<1	390	11	176	16	<100	620	19	10	4.8
49600	97550N	10	92	<10	<0.1	1560	<1	390	19	42	16	<100	1470	6	2.9	1.5
49600	97600N	17	41	<10	<0.1	3720	<1	500	11	128	19	<100	620	13	6.6	3.9
49600	97650N	8	96	<10	<0.1	2700	<1	410	9	234	128	<100	380	15	7.4	3.8
Line 49700, Last SNL																
49700	97000N	15	48	<10	<0.1	3190	<1	600	14	223	35	<100	1260	55	29.4	13.3
49700	97050N	24	18	<10	<0.1	3380	<1	760	15	122	148	<100	3710	27	17.5	6
49700	97100N	17	71	<10	0.3	3160	<1	670	11	297	67	<100	3690	103	65.5	23
49700	97150N	12	124	<10	<0.1	2930	<1	450	9	401	262	<100	860	38	20.7	8.9
49700	97200N	9	54	<10	<0.1	3250	<1	520	15	292	54	<100	1100	23	11.8	6.1
49700	97250N	3	117	<10	<0.1	5690	<1	520	40	407	216	<100	2490	40	22.9	10
49700	97300N	6	67	<10	<0.1	3570	<1	500	34	389	48	<100	700	33	16.1	7.9
49700	97350N	11	71	<10	<0.1	2880	<1	570	27	188	30	<100	1230	19	10.2	4.6
49700	97400N	5	99	<10	<0.1	4870	<1	470	13	361	101	<100	660	22	10.8	6.4
49700	97450N	6	106	<10	<0.1	2890	<1	380	28	179	78	<100	1190	12	7.3	3.6
49700	97500N	13	47	<10	<0.1	3540	<1	580	86	105	60	<100	550	8	3.9	2.3
49700	97550N	26	56	<10	<0.1	6350	<1	570	109	221	41	<100	800	11	4.8	4
49700	97600N	13	60	<10	<0.1	4940	<1	460	71	123	34	<100	690	11	5.4	4
49700	97650N	10	55	<10	<0.1	7250	<1	510	55	283	78	<100	1700	30	14.2	9.9
Line 49800, Last SNL																
49800	97000N	13	35	<10	<0.1	2330	<1	510	14	340	25	<100	1260	27	13.2	7.5
49800	97050N	10	75	<10	<0.1	2350	<1	430	18	312	34	<100	630	27	13.2	7.2
49800	97100N	10	131	<10	<0.1	3420	<1	390	11	384	176	<100	680	28	13.4	6.8

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
49500	97200N	51	63	156	<5	86	6	1.6	237	283	150	<1	54	<1	73	<1	82	57
49500	97250N	44	59	96	<5	104	11	1.4	181	292	70	<1	38	<1	100	<1	49	49
49500	97300N	50	49	90	6	105	22	2	160	426	90	<1	33	<1	78	<1	38	40
49500	97350N	39	49	112	10	100	40	2.4	184	385	90	<1	40	<1	71	<1	107	44
49500	97400N	58	57	159	19	71	30	3	234	301	160	<1	55	<1	176	<1	139	54
49500	97450N	33	88	216	16	76	14	1.7	365	369	50	<1	82	<1	121	<1	55	84
49500	97500N	47	26	44	14	58	9	1.1	84	309	160	<1	17	<1	121	<1	63	22
49500	97550N	30	33	63	<5	143	8	1.2	102	450	130	<1	22	<1	18	<1	28	27
49500	97600N	39	141	229	8	96	16	1	418	631	90	<1	87	<1	61	<1	57	108
49500	97650N	28	51	88	9	80	8	1.2	162	561	80	<1	33	<1	29	<1	29	41
Line 49600, Last S																		
49600	97000N	113	22	42	16	43	30	4.2	75	221	220	<1	16	<1	108	<1	141	20
49600	97050N	29	45	103	5	86	<5	1.4	174	253	40	<1	38	<1	42	<1	36	41
49600	97100N	72	30	72	10	54	11	1.8	109	462	120	<1	25	<1	54	<1	104	26
49600	97150N	34	71	142	16	73	10	1.2	235	479	110	<1	51	<1	69	<1	56	58
49600	97200N	22	31	54	8	91	6	1.1	88	438	120	<1	19	<1	52	<1	27	23
49600	97250N	23	32	56	7	88	7	1.2	93	450	120	<1	20	<1	51	<1	26	26
49600	97300N	34	66	112	7	79	7	1.3	198	581	140	<1	42	<1	27	<1	63	53
49600	97350N	27	77	160	11	71	18	1.1	279	243	110	<1	61	<1	116	<1	26	69
49600	97400N	44	41	78	7	54	13	1.5	137	419	120	<1	29	<1	111	<1	61	35
49600	97450N	23	28	34	<5	90	6	0.9	73	425	40	<1	15	<1	161	<1	24	20
49600	97500N	44	21	38	5	26	8	1.8	65	115	100	<1	14	<1	196	<1	45	18
49600	97550N	26	6	12	<5	44	7	1.1	17	94	130	<1	4	<1	149	<1	19	5
49600	97600N	24	16	30	6	80	12	0.8	52	221	70	<1	11	<1	63	<1	26	14
49600	97650N	109	17	45	7	81	18	3.6	54	486	190	<1	13	<1	48	<1	92	14
Line 49700, Last S																		
49700	97000N	23	65	93	9	131	34	0.9	193	313	70	<1	39	<1	84	<1	43	53
49700	97050N	10	31	20	9	157	15	1.5	55	749	20	<1	10	<1	66	1	11	19
49700	97100N	51	115	144	<5	139	7	1.1	311	677	160	<1	63	<1	37	<1	84	87
49700	97150N	74	42	84	13	83	12	2.9	135	196	240	<1	31	<1	69	<1	133	36
49700	97200N	54	29	74	11	86	7	1.7	108	302	140	<1	24	<1	61	<1	60	24
49700	97250N	75	46	110	<5	90	6	2	162	439	200	<1	37	<1	55	<1	127	39
49700	97300N	44	39	81	7	89	8	1.3	129	372	140	<1	29	<1	61	<1	74	32
49700	97350N	30	22	38	9	55	7	0.8	71	337	150	<1	15	<1	80	<1	37	20
49700	97400N	66	26	98	9	65	9	2.6	102	237	220	<1	26	<1	69	<1	75	22
49700	97450N	69	13	32	10	41	12	2.3	48	154	220	<1	12	<1	108	<1	94	13
49700	97500N	27	10	28	<5	83	9	1.5	39	310	90	<1	9	<1	35	<1	32	8
49700	97550N	55	13	51	<5	58	15	2.7	58	231	260	<1	15	<1	72	1	47	13
49700	97600N	44	14	34	5	73	9	1.8	51	186	110	<1	11	<1	57	<1	37	13
49700	97650N	48	42	115	<5	104	6	1.9	162	231	160	<1	36	<1	61	<1	44	38
Line 49800, Last S																		
49800	97000N	41	37	64	5	130	107	1.4	128	226	70	<1	27	<1	55	<1	29	33
49800	97050N	50	33	63	<5	89	60	2.3	116	171	80	<1	26	<1	34	<1	68	31
49800	97100N	83	31	70	12	60	44	3.2	107	173	190	<1	25	<1	61	<1	119	28

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
49500	97200N	<1	2210	<1	9	<10	30	117	0.6	34	<1	225	18	120	125
49500	97250N	<1	3010	<1	9	<10	10	68	0.7	489	<1	257	19	110	96
49500	97300N	<1	2470	<1	7	<10	12	84	0.7	549	<1	222	18	300	88
49500	97350N	<1	2310	<1	7	<10	22	354	0.9	22	<1	163	13	780	103
49500	97400N	<1	1360	<1	8	<10	40	424	0.8	97	<1	216	19	720	165
49500	97450N	<1	2040	<1	12	<10	22	111	0.8	23	<1	277	20	90	134
49500	97500N	<1	2000	<1	4	<10	8.3	138	0.7	27	<1	124	11	1240	42
49500	97550N	<1	2450	<1	5	<10	19	92	0.5	22	<1	129	12	1090	58
49500	97600N	<1	2580	<1	20	<10	30	39	0.7	46	2	599	50	270	86
49500	97650N	<1	2830	<1	7	<10	17	89	<0.5	15	<1	189	15	610	57
Line 49600, Last S															
49600	97000N	<1	900	1	4	<10	42	602	<0.5	9	<1	97	10	3220	127
49600	97050N	<1	1990	<1	6	<10	14	65	0.9	17	<1	140	9	140	72
49600	97100N	<1	1960	<1	5	<10	29	187	0.9	15	<1	135	13	2110	100
49600	97150N	<1	2460	<1	11	<10	25	85	0.8	22	<1	279	24	540	102
49600	97200N	<1	2470	<1	5	<10	15	64	0.6	17	<1	123	11	1030	53
49600	97250N	<1	2430	<1	5	<10	15	66	0.6	17	1	126	11	720	53
49600	97300N	<1	2510	<1	10	<10	21	113	<0.5	28	1	274	26	1050	79
49600	97350N	<1	1370	<1	12	<10	54	132	0.5	22	<1	285	22	1150	75
49600	97400N	<1	1930	<1	6	<10	15	114	<0.5	21	1	176	15	1680	66
49600	97450N	<1	3190	<1	4	<10	12	57	<0.5	26	<1	114	10	6650	44
49600	97500N	<1	1370	<1	4	<10	12	240	<0.5	11	<1	97	8	750	123
49600	97550N	<1	1220	<1	<1	<10	4	170	<0.5	11	<1	31	2	1440	47
49600	97600N	<1	1740	<1	2	<10	7.7	71	<0.5	14	<1	64	5	800	32
49600	97650N	<1	1630	<1	3	<10	26	318	0.8	11	2	72	7	1110	88
Line 49700, Last S															
49700	97000N	<1	2770	<1	10	<10	17	67	<0.5	266	<1	260	23	1030	70
49700	97050N	<1	2880	<1	4	<10	7.7	22	0.6	57	2	153	14	340	23
49700	97100N	<1	2130	<1	17	<10	14	72	<0.5	52	2	553	55	890	100
49700	97150N	<1	1940	<1	7	<10	26	375	0.5	27	2	188	17	700	158
49700	97200N	<1	2120	<1	4	<10	25	198	<0.5	14	<1	111	10	870	92
49700	97250N	<1	2660	<1	7	<10	41	205	<0.5	26	1	206	22	2620	158
49700	97300N	<1	2050	<1	6	<10	21	172	<0.5	16	1	155	13	2410	82
49700	97350N	<1	1960	<1	3	<10	9.7	95	<0.5	9	<1	94	9	3850	33
49700	97400N	<1	2370	<1	4	<10	29	341	0.5	15	<1	113	8	980	142
49700	97450N	<1	1440	<1	2	<10	15	598	0.6	10	<1	59	6	4370	59
49700	97500N	<1	1980	<1	1	<10	8.8	160	0.5	9	<1	37	4	6610	43
49700	97550N	<1	2340	<1	2	<10	19	248	0.5	10	1	52	5	4980	78
49700	97600N	<1	1830	<1	2	<10	13	271	<0.5	8	<1	56	4	2890	60
49700	97650N	<1	3130	<1	6	<10	19	152	<0.5	13	<1	157	11	1720	87
Line 49800, Last S															
49800	97000N	<1	2310	<1	5	<10	15	63	<0.5	137	1	151	10	700	64
49800	97050N	<1	2240	<1	5	<10	20	251	<0.5	31	1	127	9	1610	107
49800	97100N	<1	1540	<1	5	<10	27	483	<0.5	16	2	131	9	990	143

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
49800	97150N	4	110	<10	<0.1	3340	<1	450	20	299	93	<100	850	28	16.1	6
49800	97200N	2	79	<10	<0.1	3420	<1	670	36	251	37	<100	1340	56	36.8	11
49800	97250N	18	31	<10	0.2	4830	<1	750	19	217	240	<100	2470	55	33.8	11.6
49800	97300N	26	39	<10	0.1	2360	<1	650	27	86	21	<100	1320	21	10.3	5.5
49800	97350N	23	54	<10	0.2	3820	<1	540	30	171	48	<100	660	19	9.2	5.3
49800	97400N	14	98	<10	0.1	5600	<1	430	25	241	45	<100	460	18	8.5	4.7
49800	97450N	23	32	<10	0.1	5920	<1	820	48	205	139	<100	2650	51	31.4	10.9
49800	97500N	14	79	<10	<0.1	3370	<1	570	14	619	311	<100	1350	65	34.9	15.8
49800	97550N	7	134	<10	0.1	5060	<1	410	36	170	162	<100	3780	56	36.7	8.3
49800	97600N	10	124	<10	<0.1	4090	<1	270	83	100	84	<100	610	9	4.9	2.5
49800	97650N	75	9	10	1.9	3020	<1	960	43	<5	9	<100	12900	3	1.6	0.7
Line 49900, Last SNL																
49900	97000N	34	52	<10	1	1830	<1	710	16	207	53	<100	9670	95	55.4	20.1
49900	97050N	8	66	10	0.1	3760	<1	580	70	402	516	<100	3580	42	24	10.5
49900	97100N	12	149	<10	<0.1	3410	<1	400	24	605	161	<100	1760	56	28.5	11.9
49900	97150N	18	199	20	<0.1	4390	<1	360	21	338	388	<100	1060	30	16.9	6.1
49900	97200N	12	77	20	<0.1	1880	<1	610	41	77	22	<100	2410	23	12.2	5.6
49900	97250N	2	66	<10	<0.1	3070	<1	670	91	104	32	<100	1750	17	11	3.3
49900	97300N	14	144	<10	<0.1	3040	<1	520	47	298	132	<100	3140	37	23.5	7.1
49900	97350N	14	70	<10	<0.1	4170	<1	610	24	491	182	<100	1810	34	16.9	7.2
49900	97400N	16	39	<10	<0.1	4590	<1	710	53	211	76	<100	2100	25	13.1	5.6
49900	97450N	19	71	<10	<0.1	4990	<1	770	116	333	166	<100	1950	53	30.3	10.4
49900	97500N	3	138	<10	<0.1	3000	<1	570	269	469	158	<100	5000	105	71.1	17
49900	97550N	12	134	<10	<0.1	5680	<1	660	198	268	125	<100	7910	102	74.5	13.9
49900	97600N	<1	278	10	<0.1	4940	<1	100	196	60	84	<100	2110	20	18.5	1.5
49900	97650N	56	18	<10	1.6	6610	<1	1180	339	16	82	<100	11800	24	14.4	3.4
Line 50000, Last SNL																
50000	97000N	19	50	<10	<0.1	5320	<1	520	29	340	25	<100	960	38	18.8	10.3
50000	97050N	11	85	<10	<0.1	3010	<1	430	28	321	28	<100	520	29	13.7	7.4
50000	97100N	10	25	<10	<0.1	3900	<1	580	123	96	11	<100	450	5	2.2	1.7
50000	97150N	50	21	<10	1.2	1900	<1	600	10	22	13	<100	11400	24	12.8	8
50000	97200N	40	19	<10	1.4	1540	<1	560	14	27	25	<100	10600	20	10.7	7
50000	97250N	2	59	10	<0.1	4110	<1	630	99	90	70	<100	730	7	3.7	2.4
50000	97300N	20	43	<10	<0.1	3600	<1	590	25	192	37	<100	890	23	11	6.4
50000	97350N	15	66	<10	<0.1	4270	<1	500	29	340	36	<100	920	35	17.3	9.5
50000	97400N	1	12	10	0.2	330	<1	220	42	16	51	<100	3000	3	2.2	0.8
50000	97450N	25	23	<10	0.4	2570	<1	780	19	146	96	<100	5960	35	16.6	10
50000	97500N	17	44	<10	0.2	3680	<1	560	13	137	23	<100	580	13	6.4	3.9
50000	97550N	26	9	10	0.4	2220	<1	920	19	<5	28	<100	4410	4	2.1	0.9
50000	97600N	18	50	<10	<0.1	3250	<1	720	21	348	59	<100	2800	51	28.2	12.2
50000	97650N	14	94	<10	0.2	3440	<1	540	13	569	95	<100	3360	98	59.3	20.9
Line 50100, Last SNL																
50100	97000N	21	57	<10	0.1	2160	<1	570	17	292	131	<100	3840	82	48	16.7
50100	97050N	19	99	<10	<0.1	2520	<1	460	9	255	67	<100	930	22	9.9	4.9

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
49800	97150N	84	27	50	14	76	20	2.6	84	179	220	<1	19	<1	57	<1	92	23
49800	97200N	30	56	83	7	93	22	1.3	156	245	160	<1	33	<1	76	<1	50	44
49800	97250N	15	58	64	19	193	43	1.4	152	587	120	<1	30	<1	81	<1	19	44
49800	97300N	31	27	36	<5	79	23	1	78	476	70	<1	15	<1	80	<1	19	22
49800	97350N	45	23	50	<5	103	16	2.1	79	235	120	<1	18	<1	43	<1	39	21
49800	97400N	58	19	52	7	51	15	3	73	291	140	<1	18	<1	62	<1	96	18
49800	97450N	16	57	74	6	153	19	1.4	158	603	100	<1	32	<1	53	<1	17	43
49800	97500N	49	77	151	20	102	19	2.1	261	234	230	<1	59	<1	97	<1	57	67
49800	97550N	174	42	53	<5	60	<5	1.2	101	402	230	<1	21	<1	51	<1	143	30
49800	97600N	110	9	23	<5	40	54	4.2	32	301	180	<1	8	<1	52	<1	68	8
49800	97650N	6	2	<1	7	149	12	<0.5	<1	118	60	<1	<1	<1	16	2	<5	1
Line 49900, Last S																		
49900	97000N	38	110	97	11	242	20	0.6	256	789	80	<1	47	<1	27	<1	28	75
49900	97050N	38	51	111	13	205	23	1.2	219	1970	60	<1	46	<1	68	2	33	49
49900	97100N	110	56	124	11	110	9	2.2	196	411	270	<1	45	<1	66	<1	138	48
49900	97150N	136	30	82	11	88	16	5.3	115	483	360	<1	27	<1	72	<1	107	27
49900	97200N	38	28	34	15	134	29	1.4	79	289	60	<1	15	<1	167	2	21	22
49900	97250N	121	18	29	<5	205	29	1.6	55	338	100	<1	11	<1	44	<1	34	14
49900	97300N	115	36	72	<5	145	9	1.3	114	516	300	<1	25	<1	47	<1	105	29
49900	97350N	55	36	99	6	193	14	1.6	133	449	250	<1	31	<1	30	<1	50	31
49900	97400N	32	30	48	5	148	15	1.2	91	571	80	<1	19	<1	49	<1	20	24
49900	97450N	39	55	82	10	112	7	1.3	161	933	170	<1	34	<1	51	<1	42	44
49900	97500N	126	102	169	7	187	6	2.6	312	493	2230	<1	66	<1	70	<1	100	81
49900	97550N	117	84	98	<5	88	<5	1.4	219	267	260	<1	44	<1	129	<1	142	64
49900	97600N	151	9	16	<5	25	19	4.9	26	106	190	<1	6	<1	178	<1	51	7
49900	97650N	9	23	4	9	406	7	<0.5	22	523	130	<1	3	<1	18	2	6	11
Line 50000, Last S																		
50000	97000N	31	47	101	8	75	18	1.3	172	401	110	<1	38	<1	41	<1	46	43
50000	97050N	51	33	65	<5	75	26	2	114	169	120	<1	26	<1	55	<1	59	31
50000	97100N	29	7	16	<5	65	38	1.4	26	124	60	<1	6	<1	48	<1	13	6
50000	97150N	16	37	29	<5	134	12	0.5	97	121	20	<1	15	<1	22	<1	8	29
50000	97200N	15	32	26	<5	117	20	0.6	85	150	20	<1	14	<1	25	<1	8	25
50000	97250N	45	8	16	<5	103	29	0.8	30	134	80	<1	7	<1	42	<1	26	8
50000	97300N	38	30	64	6	91	10	2.2	108	330	130	<1	24	<1	43	<1	30	27
50000	97350N	52	45	101	8	73	26	2.9	176	387	130	<1	39	<1	58	<1	52	43
50000	97400N	25	3	4	9	64	343	<0.5	10	396	40	<1	2	<1	48	9	6	3
50000	97450N	14	48	49	<5	191	25	0.6	132	581	40	<1	24	<1	9	<1	12	38
50000	97500N	42	16	40	<5	90	12	1.3	58	197	90	<1	13	<1	50	<1	29	15
50000	97550N	7	5	<1	<5	148	27	<0.5	5	263	20	<1	1	<1	25	<1	6	3
50000	97600N	43	59	96	<5	114	15	0.9	183	356	80	<1	39	<1	32	<1	39	47
50000	97650N	70	99	171	8	90	9	0.9	310	628	150	<1	67	<1	40	<1	128	82
Line 50100, Last S																		
50100	97000N	46	93	132	<5	182	23	1.8	281	745	100	<1	55	<1	72	<1	41	71
50100	97050N	75	25	61	<5	119	14	2.9	93	208	140	<1	21	<1	68	<1	53	22

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
49800	97150N	<1	2220	<1	5	<10	19	296	<0.5	46	2	145	13	2050	86
49800	97200N	<1	2340	<1	9	<10	9.7	54	<0.5	52	1	321	29	2830	73
49800	97250N	<1	3440	<1	9	<10	23	42	<0.5	108	1	259	27	590	99
49800	97300N	<1	2410	<1	4	<10	7.2	46	<0.5	12	1	117	8	3060	30
49800	97350N	<1	2540	<1	4	<10	11	112	<0.5	13	1	99	7	2280	75
49800	97400N	<1	1440	<1	3	<10	18	349	<0.5	8	2	82	7	4090	118
49800	97450N	<1	3680	<1	8	<10	15	16	<0.5	71	1	273	25	1360	79
49800	97500N	<1	2670	<1	11	<10	23	91	<0.5	186	1	335	27	900	110
49800	97550N	<1	3100	<1	8	<10	31	124	<0.5	28	1	327	28	1500	131
49800	97600N	<1	1240	<1	1	<10	15	623	<0.5	5	3	47	4	4320	100
49800	97650N	<1	3960	<1	<1	<10	<0.5	13	<0.5	12	1	16	1	250	5
Line 49900, Last S															
49900	97000N	<1	3540	<1	16	<10	17	27	<0.5	101	<1	516	43	150	47
49900	97050N	<1	2870	<1	7	<10	48	41	<0.5	18	1	230	21	960	83
49900	97100N	<1	2040	<1	10	<10	33	310	<0.5	25	<1	268	21	2700	189
49900	97150N	<1	2010	<1	5	<10	40	730	<0.5	17	1	155	14	6260	242
49900	97200N	<1	2280	<1	4	<10	8.4	76	<0.5	25	<1	137	9	3090	46
49900	97250N	<1	3050	<1	3	<10	8.8	104	<0.5	21	<1	101	10	8420	65
49900	97300N	<1	2370	<1	6	<10	26	96	<0.5	21	<1	196	20	2950	103
49900	97350N	<1	3160	<1	6	<10	36	58	<0.5	26	<1	155	13	1680	115
49900	97400N	<1	3800	<1	5	<10	17	38	<0.5	14	<1	127	9	1720	51
49900	97450N	<1	3240	<1	9	<10	16	52	<0.5	14	<1	263	24	5530	115
49900	97500N	<1	2410	<1	17	<10	49	167	<0.5	96	<1	673	58	4920	154
49900	97550N	<1	2970	<1	15	<10	42	103	<0.5	184	<1	678	62	2960	183
49900	97600N	<1	640	<1	2	<10	21	1840	<0.5	15	1	124	18	4290	194
49900	97650N	<1	4140	<1	4	<10	2.5	14	<0.5	27	3	133	10	150	9
Line 50000, Last S															
50000	97000N	<1	3480	<1	7	<10	18	116	<0.5	20	1	186	13	2910	72
50000	97050N	<1	2260	<1	5	<10	16	169	<0.5	13	1	134	10	1620	105
50000	97100N	<1	2320	<1	<1	<10	7.1	51	<0.5	4	1	24	2	5840	21
50000	97150N	<1	3290	<1	5	<10	4.5	21	<0.5	20	1	169	9	170	25
50000	97200N	<1	2970	<1	4	<10	5.5	22	<0.5	18	1	145	8	310	28
50000	97250N	<1	3100	<1	1	<10	6.3	117	<0.5	11	1	33	3	10500	24
50000	97300N	<1	3500	<1	4	<10	17	149	<0.5	12	1	113	8	2410	92
50000	97350N	<1	3020	<1	6	<10	26	212	<0.5	19	1	180	13	2960	130
50000	97400N	<1	1050	<1	<1	<10	2.5	16	<0.5	117	1	17	2	1760	7
50000	97450N	<1	3590	<1	6	<10	20	18	<0.5	21	2	185	12	220	32
50000	97500N	<1	2880	<1	2	<10	9.1	71	<0.5	8	1	67	5	740	38
50000	97550N	<1	4290	<1	<1	<10	1.6	17	<0.5	18	1	21	1	190	9
50000	97600N	<1	3730	<1	9	<10	26	23	<0.5	23	1	268	21	290	47
50000	97650N	<1	2860	<1	16	<10	40	50	<0.5	42	1	503	46	570	117
Line 50100, Last S															
50100	97000N	<1	2820	<1	14	<10	21	78	<0.5	28	<1	427	38	640	124
50100	97050N	<1	2210	<1	4	<10	20	228	<0.5	15	<1	103	7	750	112

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50100	97100N	17	69	<10	<0.1	3720	<1	540	6	143	29	<100	1000	13	6.2	3.3
50100	97150N	6	155	<10	<0.1	2880	<1	460	22	449	115	<100	1660	88	51.7	17
50100	97200N	11	111	<10	0.6	3450	<1	690	16	389	173	<100	6850	112	77.3	23.1
50100	97250N	20	36	10	<0.1	2220	<1	660	17	143	104	<100	1470	18	8.7	4.3
50100	97300N	15	76	<10	0.2	3150	<1	680	54	124	80	<100	4840	25	15.2	5.2
50100	97350N	16	44	10	0.2	2920	<1	850	29	220	289	<100	4030	66	38	13.6
50100	97400N	10	157	<10	<0.1	5700	<1	510	26	431	225	<100	3760	56	36.3	11.5
50100	97450N	9	72	<10	<0.1	3930	<1	720	37	109	35	<100	1380	23	13	4.7
50100	97500N	16	96	<10	<0.1	4260	<1	630	33	166	27	<100	2270	28	15.2	5.7
50100	97550N	5	170	<10	<0.1	2030	<1	470	41	223	469	<100	21700	88	70.9	15.5
50100	97600N	23	37	<10	2.1	5740	<1	910	25	333	404	<100	4320	87	53.7	17.1
50100	97650N	21	49	<10	0.2	3730	<1	780	12	324	259	<100	3130	68	34.5	14.8
Line 50200, Last SNL																
50200	97000N	7	75	<10	0.1	3850	<1	490	8	981	95	<100	1260	64	32.8	15.5
50200	97050N	9	99	<10	<0.1	2440	<1	430	11	552	34	<100	1570	42	21.6	10.5
50200	97100N	17	35	<10	<0.1	4770	<1	490	14	432	31	<100	1330	94	48.1	23.6
50200	97150N	6	108	<10	<0.1	4760	<1	520	30	110	41	<100	490	9	5.2	2.1
50200	97200N	1	246	<10	<0.1	5730	<1	190	21	67	243	<100	840	10	7	2.3
50200	97250N	1	263	<10	<0.1	5370	1	170	24	23	208	<100	690	3	2.3	0.9
50200	97300N	11	34	<10	0.3	4490	<1	660	35	281	112	<100	5360	56	32.5	12.7
50200	97350N	2	16	20	0.1	5120	<1	860	36	112	328	<100	730	18	12.3	3.9
50200	97400N	15	44	<10	<0.1	4260	<1	590	54	220	141	<100	1000	49	33.2	9.9
50200	97450N	13	48	<10	<0.1	4360	<1	580	50	267	112	<100	940	56	36.7	11.6
50200	97500N	13	36	<10	0.1	3900	<1	570	47	172	102	<100	900	43	28	8.8
50200	97550N	13	36	<10	<0.1	3660	<1	570	55	181	98	<100	840	43	27	8.7
50200	97600N	2	35	<10	<0.1	6240	<1	740	124	478	187	<100	1100	54	34.7	13.1
50200	97650N	10	26	<10	<0.1	4700	<1	760	27	190	98	<100	840	28	13.9	6.4
Line 50300, Last SNL																
50300	97000N	1	258	<10	<0.1	2510	<1	170	26	122	418	<100	1150	43	28.9	5.8
50300	97050N	4	109	<10	<0.1	3990	<1	300	19	324	108	<100	680	19	9.8	4.7
50300	97100N	4	111	<10	<0.1	3990	<1	310	19	330	87	<100	480	19	9.8	5.1
50300	97150N	2	82	<10	<0.1	5540	<1	430	14	375	77	<100	550	19	9.2	5.1
50300	97200N	11	91	<10	<0.1	3390	<1	320	17	579	28	<100	680	41	20.2	9.8
50300	97250N	11	75	<10	<0.1	3780	<1	390	12	542	19	<100	570	34	15.9	8.6
50300	97300N	7	16	<10	<0.1	2180	<1	790	182	88	63	<100	10200	11	6.2	3.7
50300	97350N	17	63	<10	<0.1	5180	<1	410	8	486	36	<100	330	21	9.1	5.7
50300	97400N	6	28	<10	0.2	3540	<1	630	19	373	90	<100	2120	81	44.6	18.9
50300	97450N	13	77	<10	<0.1	5450	<1	470	15	1020	55	<100	1710	129	67.1	32.4
50300	97500N	7	46	<10	0.2	3770	<1	790	17	381	215	<100	1950	97	56.1	20
50300	97550N	15	16	<10	0.1	4360	<1	750	10	102	25	<100	1710	29	13.1	7.6
50300	97600N	10	78	<10	<0.1	5760	<1	600	13	520	76	<100	2090	55	27	13.4
50300	97650N	6	107	<10	<0.1	4400	<1	380	18	130	33	<100	480	12	6.2	3.3
Line 50400, Last SNL																
50400	97000N	14	107	<10	<0.1	4170	<1	440	14	764	43	<100	1480	96	55.1	21.6

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50100	97100N	56	16	43	<5	83	9	2.2	61	206	80	<1	14	<1	58	<1	34	14
50100	97150N	82	87	127	14	159	12	0.9	243	698	170	<1	52	<1	61	<1	130	69
50100	97200N	67	117	166	13	265	10	0.7	347	876	100	<1	69	<1	47	<1	113	91
50100	97250N	41	23	43	<5	183	13	2	76	434	110	<1	16	<1	39	<1	18	19
50100	97300N	35	28	38	<5	249	22	0.6	85	728	60	<1	17	<1	29	<1	26	22
50100	97350N	22	72	65	10	286	14	0.7	178	1070	70	<1	32	<1	21	<1	19	52
50100	97400N	54	59	108	25	141	<5	2.4	194	313	320	1	42	<1	116	<1	75	50
50100	97450N	37	27	40	<5	212	9	1.2	76	225	110	<1	16	<1	31	<1	23	20
50100	97500N	67	31	64	<5	80	<5	2.6	99	209	110	<1	21	<1	70	<1	31	25
50100	97550N	139	83	112	7	145	14	3	226	288	170	1	45	<1	118	<1	87	62
50100	97600N	12	92	64	39	385	13	<0.5	188	2940	40	<1	31	<1	38	<1	16	60
50100	97650N	31	77	109	6	244	<5	1.1	210	753	140	<1	42	<1	31	<1	30	59
Line 50200, Last S																		
50200	97000N	70	74	187	6	72	10	2.1	278	353	140	<1	63	<1	68	<1	110	67
50200	97050N	60	49	107	<5	54	27	1.7	180	234	150	<1	38	<1	27	<1	68	43
50200	97100N	26	117	182	5	79	12	1.2	383	292	80	<1	74	<1	39	<1	38	100
50200	97150N	56	8	19	<5	64	11	1.5	26	135	170	<1	5	<1	107	<1	55	6
50200	97200N	207	6	24	17	59	13	7.9	25	128	300	<1	6	<1	115	<1	156	6
50200	97250N	241	1	8	15	40	15	8.4	6	86	210	<1	1	<1	153	<1	200	1
50200	97300N	31	65	101	<5	102	18	1.4	204	598	90	<1	40	<1	49	<1	23	51
50200	97350N	9	17	20	6	170	8	1.2	50	907	60	<1	9	<1	27	<1	17	14
50200	97400N	18	49	81	18	114	13	0.7	151	842	90	<1	31	<1	62	<1	30	38
50200	97450N	23	57	95	16	114	13	1	175	744	110	<1	37	<1	64	<1	36	45
50200	97500N	18	45	64	14	109	15	0.9	122	671	90	<1	24	<1	60	<1	27	32
50200	97550N	20	44	68	15	106	17	0.8	128	633	80	<1	26	<1	61	<1	26	33
50200	97600N	22	59	94	16	129	36	0.8	203	1450	70	<1	41	<1	61	<1	26	50
50200	97650N	23	31	62	<5	124	10	0.9	89	408	120	<1	18	<1	19	<1	18	22
Line 50300, Last S																		
50300	97000N	167	28	21	18	50	23	3.1	67	249	390	<1	13	<1	71	<1	124	22
50300	97050N	73	21	52	5	50	22	3.5	81	246	210	<1	20	<1	104	<1	91	20
50300	97100N	68	21	53	<5	52	17	2.9	82	250	170	<1	20	<1	98	<1	88	20
50300	97150N	52	21	56	<5	63	12	3	85	185	120	<1	21	<1	113	<1	75	21
50300	97200N	53	47	86	5	54	14	1.9	168	369	110	<1	37	<1	67	<1	88	44
50300	97250N	48	40	85	<5	59	15	1.9	150	284	100	<1	34	<1	62	<1	70	38
50300	97300N	19	17	26	11	101	42	0.8	55	490	20	<1	11	<1	65	<1	8	14
50300	97350N	44	25	79	<5	63	18	2.7	113	164	70	<1	27	<1	101	<1	50	26
50300	97400N	17	93	116	9	221	17	<0.5	254	699	80	<1	50	<1	18	<1	22	73
50300	97450N	46	155	290	31	115	6	1.4	558	759	150	<1	121	<1	122	<1	101	140
50300	97500N	20	104	123	12	168	<5	0.8	269	692	140	<1	55	<1	43	<1	43	78
50300	97550N	16	37	49	<5	145	14	0.8	107	322	60	<1	21	<1	29	<1	15	31
50300	97600N	59	60	147	<5	105	16	1	216	345	150	<1	48	<1	25	<1	121	52
50300	97650N	63	12	28	<5	33	31	3.9	43	138	120	<1	10	<1	105	<1	59	11
Line 50400, Last S																		
50400	97000N	61	106	177	13	59	11	1.6	352	518	150	<1	73	<1	106	<1	153	92

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50100	97100N	<1	2780	<1	2	<10	16	192	<0.5	7	<1	68	5	820	89
50100	97150N	<1	2440	<1	14	<10	26	120	<0.5	16	<1	454	40	1850	114
50100	97200N	<1	3320	<1	18	<10	32	47	<0.5	27	<1	635	66	560	104
50100	97250N	<1	2500	<1	3	<10	13	93	<0.5	15	<1	93	6	990	66
50100	97300N	<1	3430	<1	4	<10	9.4	29	<0.5	17	<1	134	12	4420	34
50100	97350N	<1	3630	<1	11	<10	23	38	<0.5	14	<1	339	29	1000	59
50100	97400N	<1	2510	<1	9	<10	50	145	<0.5	136	<1	342	33	1690	277
50100	97450N	<1	3240	<1	4	<10	9	54	<0.5	16	<1	134	10	1650	40
50100	97500N	<1	3080	<1	5	<10	11	130	<0.5	23	<1	159	12	1010	108
50100	97550N	<1	2260	<1	13	<10	40	235	<0.5	780	<1	760	65	320	259
50100	97600N	<1	3830	<1	14	<10	15	13	<0.5	21	1	442	38	210	27
50100	97650N	<1	3880	<1	12	<10	16	40	<0.5	25	<1	330	25	480	102
Line 50200, Last S															
50200	97000N	<1	2220	<1	11	<10	56	122	<0.5	24	<1	283	26	530	159
50200	97050N	<1	1430	<1	8	<10	34	159	<0.5	17	<1	214	15	1060	94
50200	97100N	<1	2370	<1	17	<10	25	76	<0.5	28	<1	459	35	510	121
50200	97150N	<1	2270	<1	1	<10	13	146	<0.5	13	<1	42	4	4080	108
50200	97200N	<1	1740	<1	1	<10	29	1940	<0.5	12	<1	53	7	2460	216
50200	97250N	<1	1170	<1	<1	<10	15	2710	<0.5	5	<1	14	2	3150	127
50200	97300N	<1	2680	<1	9	<10	27	31	<0.5	24	<1	287	25	950	90
50200	97350N	<1	4130	<1	3	<10	12	48	<0.5	8	<1	80	12	2500	61
50200	97400N	<1	3090	<1	8	<10	14	37	<0.5	7	<1	226	29	2330	59
50200	97450N	<1	3130	<1	9	<10	15	46	<0.5	7	<1	264	31	2250	67
50200	97500N	<1	2950	<1	7	<10	12	39	<0.5	5	<1	204	23	2030	53
50200	97550N	<1	2900	<1	7	<10	13	45	<0.5	5	<1	197	23	2630	53
50200	97600N	<1	3380	<1	9	<10	27	21	<0.5	11	<1	258	31	1520	69
50200	97650N	<1	4030	<1	5	<10	12	28	<0.5	11	<1	129	10	710	43
Line 50300, Last S															
50300	97000N	<1	1190	<1	6	<10	47	570	<0.5	19	1	235	24	210	138
50300	97050N	<1	1230	<1	3	<10	26	544	<0.5	8	1	90	8	5010	189
50300	97100N	<1	1280	<1	3	<10	24	450	<0.5	8	1	92	8	4890	169
50300	97150N	<1	2030	<1	3	<10	19	344	<0.5	9	1	86	8	3650	192
50300	97200N	<1	1460	<1	7	<10	24	173	<0.5	11	1	199	14	970	143
50300	97250N	<1	1810	<1	6	<10	21	150	<0.5	11	1	157	11	810	131
50300	97300N	<1	2630	<1	2	<10	5.1	13	<0.5	62	1	87	5	700	13
50300	97350N	<1	2270	<1	4	<10	20	230	<0.5	11	1	94	7	960	188
50300	97400N	<1	3240	<1	14	<10	21	21	<0.5	18	1	393	33	640	42
50300	97450N	<1	2850	<1	23	<10	43	143	<0.5	16	1	658	51	530	192
50300	97500N	<1	3830	<1	16	<10	15	32	<0.5	20	1	472	43	1050	92
50300	97550N	<1	3660	<1	5	<10	9.8	23	<0.5	14	1	145	9	380	33
50300	97600N	<1	4590	<1	10	<10	17	59	<0.5	42	1	284	19	800	119
50300	97650N	<1	2940	<1	2	<10	15	451	<0.5	8	1	63	5	2630	158
Line 50400, Last S															
50400	97000N	<1	2550	<1	16	<10	39	146	<0.5	15	<1	483	43	710	181

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50400	97050N	14	60	<10	<0.1	3660	<1	590	12	345	43	<100	1220	87	50.5	18
50400	97100N	41	25	<10	2.4	2940	<1	740	12	48	101	<100	5710	52	32.3	10
50400	97150N	13	128	<10	<0.1	3540	<1	380	11	174	63	<100	430	16	8.3	3.7
50400	97200N	13	91	<10	<0.1	4210	<1	530	32	201	16	<100	470	24	13	5
50400	97250N	32	67	<10	<0.1	4270	<1	610	26	215	17	<100	1980	48	27.2	11
50400	97300N	3	20	<10	<0.1	1390	<1	820	299	23	57	<100	9110	8	5.1	2
50400	97350N	17	49	<10	<0.1	2680	<1	660	10	332	180	<100	2290	73	38.6	16.3
50400	97400N	14	108	<10	<0.1	4780	<1	310	8	159	66	<100	550	14	7.2	3.4
50400	97450N	20	84	<10	0.1	4480	<1	410	8	394	29	<100	1330	74	39.6	17.4
50400	97500N	4	30	<10	<0.1	3480	<1	500	19	55	27	<100	380	6	3.5	1.4
50400	97550N	8	107	<10	<0.1	4810	<1	310	10	219	68	<100	350	15	8.6	3.7
50400	97600N	7	89	<10	<0.1	3130	<1	460	22	121	27	<100	430	13	6.5	2.7
50400	97650N	11	63	<10	<0.1	3100	<1	520	9	145	21	<100	970	17	9.2	4.4
Line 50500, Last SNL																
50500	97000N	14	76	<10	<0.1	2750	<1	420	11	114	21	<100	590	13	6.8	3.1
50500	97050N	7	109	10	<0.1	2680	<1	430	21	211	87	<100	710	21	12.9	4.7
50500	97100N	8	128	<10	<0.1	3670	<1	340	8	93	149	<100	220	6	3.7	1.7
50500	97150N	11	162	<10	<0.1	4520	<1	300	11	391	303	<100	510	24	13.2	5.3
50500	97200N	3	5	<10	0.1	960	<1	740	2	62	55	<100	25300	7	3.3	2.1
50500	97250N	5	30	<10	<0.1	1520	<1	1060	221	356	208	<100	7100	29	16.6	7.2
50500	97300N	13	89	<10	<0.1	4000	<1	700	31	230	10	<100	1640	39	23.3	7.4
50500	97350N	2	227	<10	<0.1	2290	<1	210	11	147	457	<100	2280	39	32.8	4.4
50500	97400N	3	68	<10	0.1	2930	<1	550	6	865	114	<100	1600	85	43.1	22
50500	97450N	15	39	<10	<0.1	7630	<1	650	7	261	18	<100	1240	63	33.3	14.4
50500	97500N	23	2	<10	<0.1	670	<1	620	16	<5	13	<100	2190	<1	<0.5	<0.5
50500	97550N	17	75	<10	<0.1	2830	<1	750	19	736	53	<100	2420	75	45.4	14.3
50500	97600N	10	99	<10	<0.1	8450	<1	580	14	464	21	<100	3350	127	86.2	21.8
50500	97650N	13	167	<10	<0.1	6540	<1	330	3	832	350	<100	1390	117	63.2	23.5
Line 50600, Last SNL																
50600	97000N	13	44	<10	<0.1	3470	<1	570	3	338	44	<100	880	27	11.9	6.7
50600	97050N	8	149	<10	<0.1	3340	<1	330	9	481	372	<100	910	62	34.1	11.7
50600	97100N	4	217	<10	<0.1	4380	<1	220	21	172	148	<100	530	15	9.9	3.2
50600	97150N	3	3	30	<0.1	550	<1	370	2	13	179	<100	3510	2	1	<0.5
50600	97200N															
50600	97250N	14	65	<10	<0.1	6920	<1	650	19	366	32	<100	1710	67	35.4	16.6
50600	97300N	13	23	<10	<0.1	6920	<1	700	6	383	32	<100	1220	81	38.4	20.6
50600	97350N	11	78	<10	<0.1	5320	<1	550	26	313	34	<100	710	22	11.9	6
50600	97400N	22	70	<10	<0.1	6440	<1	620	20	302	32	<100	430	25	12.6	6.3
50600	97450N	8	142	<10	<0.1	4390	<1	380	15	524	153	<100	1130	109	65.8	19.7
50600	97500N	2	161	<10	<0.1	6920	<1	320	20	235	168	<100	680	14	8.1	3.4
50600	97550N	11	41	<10	<0.1	4220	<1	800	11	366	68	<100	1730	53	29	10.9
50600	97600N	7	114	<10	<0.1	3430	<1	430	11	519	225	<100	1400	60	34.5	13.5
50600	97650N	1	11	<10	0.2	1370	<1	850	7	28	96	<100	35700	6	3.4	1.5
Line 50700, Last SNL																

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50400	97050N	<1	2760	<1	15	<10	19	40	<0.5	15	<1	405	41	660	74
50400	97100N	<1	2560	<1	8	<10	6.9	19	<0.5	19	<1	282	24	160	27
50400	97150N	<1	1530	<1	3	<10	18	314	<0.5	11	<1	77	6	2650	156
50400	97200N	<1	2420	<1	4	<10	12	70	<0.5	15	<1	115	10	1900	129
50400	97250N	<1	2970	<1	8	<10	10	34	<0.5	22	<1	246	21	2780	76
50400	97300N	<1	2490	<1	1	<10	5.3	26	<0.5	76	<1	58	4	1360	16
50400	97350N	<1	3310	<1	13	<10	20	71	<0.5	29	<1	365	29	440	89
50400	97400N	<1	1510	<1	2	<10	27	337	<0.5	10	<1	65	6	260	168
50400	97450N	<1	2000	<1	13	<10	21	116	<0.5	21	<1	372	31	400	213
50400	97500N	<1	2620	<1	<1	<10	5.1	86	<0.5	7	<1	27	3	2180	41
50400	97550N	<1	1810	<1	3	<10	30	559	<0.5	8	<1	72	7	1940	219
50400	97600N	<1	2030	<1	2	<10	11	138	<0.5	5	<1	55	5	1760	74
50400	97650N	<1	2650	<1	3	<10	11	110	<0.5	9	<1	84	7	680	63
Line 50500, Last S															
50500	97000N	<1	1520	<1	2	<10	12	173	<0.5	9	<1	61	5	2060	80
50500	97050N	<1	1710	<1	4	<10	18	659	<0.5	11	<1	107	11	2700	161
50500	97100N	<1	1300	<1	1	<10	16	939	<0.5	5	2	29	3	760	113
50500	97150N	<1	1500	<1	4	<10	35	724	<0.5	17	<1	108	11	1640	265
50500	97200N	<1	2120	<1	1	<10	5.9	20	<0.5	84	<1	37	3	20	13
50500	97250N	<1	3410	<1	5	<10	21	17	<0.5	170	<1	122	13	50	48
50500	97300N	<1	2720	<1	6	<10	8.8	44	<0.5	203	<1	196	19	1580	123
50500	97350N	<1	1280	<1	5	<10	35	791	<0.5	120	<1	218	29	210	157
50500	97400N	<1	2920	<1	15	<10	48	73	<0.5	35	<1	406	32	30	139
50500	97450N	<1	4120	<1	11	<10	12	25	<0.5	32	<1	309	24	110	73
50500	97500N	<1	2690	<1	<1	<10	<0.5	18	<0.5	43	<1	<5	<1	1200	<5
50500	97550N	<1	2010	<1	13	<10	31	25	<0.5	29	<1	363	38	160	65
50500	97600N	<1	3880	<1	20	<10	14	35	<0.5	94	<1	768	72	690	109
50500	97650N	<1	4010	<1	19	<10	61	182	<0.5	32	<1	601	50	440	306
Line 50600, Last S															
50600	97000N	<1	2950	<1	5	<10	15	70	<0.5	13	<1	119	8	220	105
50600	97050N	<1	1680	<1	10	<10	52	580	<0.5	25	<1	288	25	1660	283
50600	97100N	<1	1250	<1	2	<10	38	1030	<0.5	13	<1	74	9	4840	251
50600	97150N	<1	3090	<1	<1	<10	1.9	81	<0.5	55	<1	9	<1	40	22
50600	97200N														
50600	97250N	<1	2780	<1	12	<10	20	49	<0.5	42	<1	320	26	930	130
50600	97300N	<1	4270	<1	15	<10	21	35	<0.5	38	<1	377	26	350	135
50600	97350N	<1	1910	<1	4	<10	17	169	<0.5	13	<1	97	9	3860	101
50600	97400N	<1	2870	<1	5	<10	14	111	<0.5	14	<1	114	10	2250	114
50600	97450N	<1	2180	<1	17	<10	37	384	<0.5	104	<1	527	53	1310	289
50600	97500N	<1	1700	<1	2	<10	25	921	<0.5	6	1	63	7	1280	96
50600	97550N	<1	3630	<1	9	<10	9.8	31	<0.5	38	<1	236	21	1140	86
50600	97600N	<1	1840	<1	10	<10	28	235	<0.5	74	<1	291	28	390	174
50600	97650N	<1	3360	<1	<1	<10	2.1	24	<0.5	50	<1	38	3	30	27
Line 50700, Last S															

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50700	97000N	8	57	<10	<0.1	3370	<1	440	4	129	31	<100	390	11	4.7	3.1
50700	97050N	16	39	<10	<0.1	4540	<1	580	5	409	35	<100	770	23	9.9	6.3
50700	97100N	14	45	<10	<0.1	5880	<1	530	3	365	41	<100	510	22	10.1	6.7
50700	97150N	<1	1	<10	<0.1	220	<1	230	12	<5	146	<100	6450	<1	<0.5	<0.5
50700	97200N	8	63	<10	<0.1	4220	<1	480	17	512	70	<100	570	39	17.8	10.1
50700	97250N	11	36	<10	<0.1	5420	<1	700	23	161	23	<100	630	14	6	4.2
50700	97300N	9	30	<10	<0.1	5270	<1	510	3	323	5	<100	390	20	7.9	5.7
50700	97350N	5	165	<10	<0.1	2870	<1	130	39	85	39	<100	770	67	39.2	8
50700	97400N	22	52	<10	<0.1	5410	<1	540	11	898	32	<100	340	48	19.8	11.5
50700	97450N	8	93	<10	<0.1	3030	<1	550	93	751	168	<100	1420	59	37.7	11.3
50700	97500N	14	88	<10	<0.1	3880	<1	460	15	552	20	<100	560	42	20	10.2
50700	97550N	9	51	<10	<0.1	3450	<1	420	9	696	45	<100	690	51	23.6	13.7
50700	97600N	3	43	<10	<0.1	2520	<1	620	28	326	83	<100	800	18	8.8	4.8
50700	97650N	4	74	<10	<0.1	2910	<1	600	27	309	82	<100	1950	40	22.5	8.5
Line 50800, Last SNL																
50800	97000N	16	93	<10	<0.1	3200	<1	410	6	364	85	<100	420	28	14.6	6.1
50800	97050N	<1	8	30	0.1	950	<1	600	6	10	248	<100	16200	1	0.7	<0.5
50800	97100N	11	117	<10	<0.1	3780	<1	410	8	1010	305	<100	1270	59	31	12.9
50800	97150N	16	52	<10	0.1	4560	<1	430	4	372	59	<100	420	25	13.2	5.9
50800	97200N	15	30	<10	<0.1	3530	<1	520	6	171	7	<100	860	51	25.8	13.2
50800	97250N	22	112	<10	<0.1	3150	<1	360	10	371	95	<100	270	21	10.4	4.8
50800	97300N	16	21	<10	<0.1	2480	<1	750	13	138	84	<100	1690	30	15.4	7.4
50800	97350N	23	39	<10	0.2	5440	<1	750	10	385	103	<100	3420	103	58.8	22.3
50800	97400N	17	32	<10	0.1	2680	<1	580	11	262	59	<100	1590	58	30.6	12.9
50800	97450N	1	136	10	<0.1	2370	<1	240	19	723	378	<100	1370	69	37.4	15.2
50800	97500N	16	56	<10	0.2	4070	<1	670	12	591	105	<100	1700	130	74.1	26.2
50800	97550N	27	17	<10	0.3	3860	<1	1050	16	83	121	<100	1820	62	34.9	11.3
50800	97600N	11	29	<10	0.1	3560	<1	600	7	483	71	<100	1590	56	28.4	14.3
50800	97650N	12	105	<10	<0.1	5210	<1	780	13	609	109	<100	2660	175	117	30.8
Line 50900, Last SNL																
50900	97000N	19	2	<10	<0.1	980	<1	600	6	9	19	<100	940	2	1.3	0.6
50900	97050N	2	4	20	<0.1	400	<1	510	2	<5	120	<100	7660	<1	0.6	<0.5
50900	97100N	13	77	<10	0.1	1650	<1	410	7	409	89	<100	1310	55	30.7	12.3
50900	97150N	16	60	<10	<0.1	2490	<1	580	13	271	17	<100	760	51	25.1	11.3
50900	97200N	11	28	<10	0.3	2440	<1	590	5	97	14	<100	350	8	3.8	2.3
50900	97250N	15	61	<10	<0.1	3490	<1	590	21	384	35	<100	600	64	33.1	13.7
50900	97300N	25	23	<10	<0.1	3480	<1	640	8	68	19	<100	820	23	12	5.5
50900	97350N	16	32	<10	0.1	4050	<1	600	22	119	36	<100	680	69	39.4	13.1
50900	97400N	11	16	<10	<0.1	3460	<1	600	15	228	37	<100	1390	136	68.5	33.4
50900	97450N	12	32	<10	0.8	4690	<1	950	58	590	184	<100	2180	118	76	24.3
50900	97500N	24	32	<10	0.1	3860	<1	850	73	547	117	<100	1930	125	78.4	24.5
50900	97550N	10	64	<10	0.1	4640	<1	780	53	312	53	<100	2430	92	65.4	16.6
50900	97600N	18	32	<10	0.4	5810	<1	880	49	252	210	<100	3370	81	61.1	15.1
50900	97650N	5	94	<10	<0.1	4310	<1	660	33	992	193	100	1660	108	80.7	19.4

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50700	97000N	50	13	43	6	63	12	0.9	57	94	30	<1	14	<1	46	<1	36	13
50700	97050N	36	28	71	9	109	19	1.2	108	177	70	<1	25	<1	64	<1	35	27
50700	97100N	32	30	74	8	75	6	1.6	118	190	60	<1	27	<1	74	<1	34	29
50700	97150N	23	<1	<1	<5	105	92	<0.5	1	370	<10	<1	<1	<1	37	1	8	<1
50700	97200N	44	48	109	6	115	28	2	182	315	100	<1	42	<1	53	<1	63	46
50700	97250N	26	18	46	<5	98	8	1.4	67	166	100	<1	16	<1	22	<1	18	17
50700	97300N	25	25	57	7	82	6	1.3	101	198	30	<1	22	<1	79	<1	28	25
50700	97350N	60	43	29	<5	16	<5	<0.5	90	179	160	<1	16	<1	137	<1	83	29
50700	97400N	40	55	181	7	115	6	1.5	217	348	110	<1	54	<1	61	<1	72	50
50700	97450N	70	56	115	9	143	25	3.8	187	483	250	<1	44	<1	84	<1	150	48
50700	97500N	47	48	95	11	60	13	1.5	168	463	90	<1	38	<1	79	<1	98	45
50700	97550N	42	64	161	9	87	19	2.6	260	237	80	<1	60	<1	77	<1	63	63
50700	97600N	37	22	49	<5	129	19	1.2	80	340	120	<1	19	<1	59	<1	30	20
50700	97650N	64	41	73	6	132	5	1.3	125	452	190	<1	28	<1	74	<1	76	34
Line 50800, Last S																		
50800	97000N	51	31	62	11	63	17	1.8	104	211	110	<1	23	<1	96	<1	82	28
50800	97050N	41	1	2	<5	108	91	1	3	733	<10	<1	<1	<1	99	1	9	<1
50800	97100N	75	67	165	24	87	23	2.4	265	282	150	<1	63	<1	62	<1	134	64
50800	97150N	49	30	61	9	98	14	1.5	101	156	80	<1	22	<1	75	<1	65	26
50800	97200N	32	67	97	<5	128	11	0.8	214	191	30	<1	41	<1	75	<1	31	57
50800	97250N	61	24	52	8	73	15	2.1	81	169	120	<1	19	<1	78	<1	94	21
50800	97300N	17	39	42	<5	139	15	0.7	101	299	50	<1	18	<1	31	<1	19	30
50800	97350N	29	116	159	6	200	10	0.9	334	444	80	<1	66	<1	43	<1	49	90
50800	97400N	25	70	91	7	150	11	0.6	196	476	50	<1	38	<1	36	<1	28	55
50800	97450N	122	75	108	15	75	29	2.1	236	313	360	<1	50	<1	64	<1	147	65
50800	97500N	21	145	199	15	173	7	<0.5	388	668	150	<1	80	<1	39	<1	52	112
50800	97550N	8	67	46	5	189	13	<0.5	119	644	70	<1	20	<1	18	<1	18	41
50800	97600N	22	73	132	7	143	7	0.6	254	353	60	<1	51	<1	51	<1	31	63
50800	97650N	41	176	240	<5	134	<5	<0.5	456	206	180	<1	94	<1	40	<1	127	127
Line 50900, Last S																		
50900	97000N	3	3	1	22	319	14	<0.5	4	166	20	<1	<1	<1	82	<1	7	2
50900	97050N	36	<1	<1	7	100	26	0.8	<1	391	<10	<1	<1	<1	50	3	5	<1
50900	97100N	46	63	91	16	142	45	1.1	188	300	110	<1	39	<1	49	<1	83	53
50900	97150N	31	59	81	6	116	12	0.9	166	266	60	<1	34	<1	65	<1	48	47
50900	97200N	25	11	18	<5	93	11	1.1	33	107	40	<1	6	<1	45	<1	26	9
50900	97250N	34	74	114	6	107	15	1.1	220	314	120	<1	45	<1	40	<1	68	59
50900	97300N	18	30	32	<5	96	8	0.7	80	238	40	<1	14	<1	52	<1	21	24
50900	97350N	16	71	68	<5	147	13	0.6	157	288	80	<1	29	<1	63	<1	29	50
50900	97400N	11	180	176	10	169	11	<0.5	464	508	60	<1	82	<1	28	<1	26	139
50900	97450N	15	131	129	14	204	15	<0.5	314	1280	200	<1	59	<1	69	<1	23	93
50900	97500N	15	138	138	20	202	9	<0.5	313	898	230	<1	59	<1	64	<1	29	96
50900	97550N	27	96	101	<5	142	12	0.7	232	450	130	<1	45	<1	39	<1	66	67
50900	97600N	11	86	98	8	170	<5	0.5	217	1340	80	<1	42	<1	26	<1	21	60
50900	97650N	38	103	187	16	156	9	0.6	312	1680	120	<1	69	<1	39	<1	196	82

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
50700	97000N	<1	1570	<1	2	<10	15	146	<0.5	20	1	45	4	340	59
50700	97050N	<1	3400	<1	4	<10	20	38	<0.5	10	1	97	7	180	59
50700	97100N	<1	2770	<1	4	<10	20	52	<0.5	12	1	105	7	190	105
50700	97150N	<1	1150	<1	<1	<10	0.7	9	<0.5	31	1	<5	<1	40	<5
50700	97200N	<1	2670	<1	7	<10	23	107	<0.5	23	1	181	13	770	127
50700	97250N	<1	2900	<1	3	<10	11	84	<0.5	8	1	64	4	1380	54
50700	97300N	<1	2680	<1	4	<10	14	47	<0.5	14	1	79	5	100	101
50700	97350N	<1	920	<1	9	<10	11	84	<0.5	18	1	408	31	1150	71
50700	97400N	<1	4010	<1	9	<10	26	60	<0.5	16	1	218	12	120	125
50700	97450N	<1	2800	<1	9	<10	48	186	<0.5	150	1	315	34	3320	289
50700	97500N	<1	2320	<1	7	<10	21	158	<0.5	11	1	198	14	2630	96
50700	97550N	<1	2160	<1	10	<10	23	186	<0.5	37	1	245	17	530	180
50700	97600N	<1	2870	<1	3	<10	14	91	<0.5	6	2	86	6	1460	34
50700	97650N	<1	3550	<1	6	<10	16	77	<0.5	18	1	204	17	1390	82
Line 50800, Last S															
50800	97000N	<1	1960	<1	5	<10	20	249	<0.5	18	<1	126	12	400	142
50800	97050N	<1	1870	<1	<1	<10	1.1	17	<0.5	37	<1	8	<1	<20	9
50800	97100N	<1	2150	<1	10	<10	39	465	<0.5	68	<1	251	27	260	267
50800	97150N	<1	2800	<1	4	<10	20	151	<0.5	16	<1	111	11	260	153
50800	97200N	<1	3070	<1	9	<10	9.8	84	<0.5	32	<1	252	19	610	115
50800	97250N	<1	1670	<1	4	<10	20	286	<0.5	11	<1	89	8	1910	170
50800	97300N	<1	3670	<1	5	<10	10	47	<0.5	12	<1	145	10	620	31
50800	97350N	<1	4100	<1	17	<10	21	23	<0.5	27	<1	477	43	240	107
50800	97400N	<1	2890	<1	10	<10	23	34	<0.5	14	<1	267	23	140	51
50800	97450N	<1	1260	<1	12	<10	39	851	<0.5	11	1	303	29	830	135
50800	97500N	<1	3570	<1	22	<10	20	24	<0.5	38	<1	578	60	140	97
50800	97550N	<1	4690	<1	10	<10	11	18	<0.5	28	<1	266	24	160	37
50800	97600N	<1	3110	<1	10	<10	28	40	<0.5	13	<1	248	22	260	85
50800	97650N	<1	4750	<1	27	<10	17	29	<0.5	84	<1	1010	90	160	131
Line 50900, Last S															
50900	97000N	<1	4980	<1	<1	<10	2.2	28	<0.5	33	<1	13	1	300	9
50900	97050N	<1	1990	<1	<1	<10	0.9	17	<0.5	43	<1	<5	<1	<20	8
50900	97100N	<1	2150	<1	9	<10	20	143	<0.5	25	<1	262	24	160	106
50900	97150N	<1	2760	<1	9	<10	9.8	86	<0.5	22	<1	224	17	1060	97
50900	97200N	<1	2650	<1	2	<10	9.5	84	<0.5	7	<1	35	3	290	48
50900	97250N	<1	2390	<1	11	<10	13	141	<0.5	22	<1	294	24	1990	104
50900	97300N	<1	2880	<1	4	<10	11	51	<0.5	12	<1	119	9	550	55
50900	97350N	<1	3590	<1	11	<10	8.1	31	<0.5	31	<1	312	29	2110	78
50900	97400N	<1	3330	<1	25	<10	26	31	<0.5	25	<1	662	43	220	53
50900	97450N	<1	4280	<1	19	<10	26	11	<0.5	29	<1	575	59	500	66
50900	97500N	<1	4090	<1	20	<10	20	21	<0.5	26	<1	614	62	1510	61
50900	97550N	<1	4380	<1	14	<10	8.1	28	<0.5	52	<1	483	57	2190	96
50900	97600N	<1	4920	<1	13	<10	9.5	17	<0.5	27	<1	412	53	810	64
50900	97650N	<1	5870	<1	17	<10	30	29	<0.5	43	<1	560	74	560	220

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Line 51000, Last SNL																
51000	97000N	18	44	<10	0.2	2420	<1	510	13	512	165	<100	1090	89	55.2	17.3
51000	97050N	17	28	<10	<0.1	2190	<1	550	23	76	78	<100	1420	36	23.4	6.5
51000	97100N	13	78	<10	0.1	2620	<1	400	8	364	35	<100	560	43	20.8	9.6
51000	97150N	21	75	<10	0.3	3620	<1	490	10	498	36	<100	780	53	27.2	11.5
51000	97200N	18	45	<10	0.2	3020	<1	490	15	237	42	<100	790	49	24.9	10.9
51000	97250N	16	41	<10	<0.1	3250	<1	590	38	267	60	<100	2250	111	66	23
51000	97300N	31	37	<10	0.2	5020	<1	690	11	197	44	<100	1680	79	40.8	17.2
51000	97350N	67	45	<10	1.2	3810	<1	800	41	113	69	<100	7410	91	60.4	18.5
51000	97400N	33	53	<10	0.1	2970	<1	600	55	125	26	<100	780	46	23.4	9.6
51000	97450N	24	3	<10	<0.1	720	<1	380	27	<5	33	<100	1060	<1	0.6	<0.5
51000	97500N	1	18	<10	<0.1	210	<1	300	8	<5	41	<100	350	<1	<0.5	<0.5
51000	97550N															
51000	97600N	75	17	10	0.5	1290	<1	420	78	116	172	<100	4190	35	20.9	7.1
51000	97650N	34	71	<10	<0.1	1920	<1	280	167	352	208	<100	1540	48	34	9.2
Line 51100, Last SNL																
51100	97000N	44	29	<10	0.3	3780	<1	560	35	379	246	<100	3160	151	98.7	29.6
51100	97050N	10	78	<10	<0.1	2810	<1	510	73	267	72	<100	1380	87	55.6	16.8
51100	97100N	30	55	<10	0.2	3120	<1	490	59	294	20	<100	510	48	26.1	9.5
51100	97150N	14	73	<10	0.1	2490	<1	570	76	358	60	<100	2580	113	73.9	22.6
51100	97200N	31	29	<10	0.2	2270	<1	580	63	208	62	<100	2700	125	72.1	25.8
51100	97250N	27	48	<10	0.2	3650	<1	730	58	378	64	<100	3180	149	95.4	29.4
51100	97300N	28	50	<10	0.5	4030	<1	780	34	462	95	<100	1240	82	41	17.7
51100	97350N	27	46	<10	0.2	4880	<1	660	39	510	110	<100	1770	164	102	30.7
51100	97400N	35	38	<10	<0.1	3340	<1	580	55	151	51	<100	940	74	41.7	15.5
51100	97450N	15	84	<10	0.2	3020	<1	430	44	600	76	<100	730	103	57.3	22
51100	97500N	4	210	20	<0.1	3550	<1	180	23	315	410	<100	440	26	15.3	6
51100	97550N	11	44	<10	0.3	2790	<1	780	46	91	122	<100	2890	34	25.5	5.6
51100	97600N	40	25	<10	0.3	2560	<1	800	33	63	107	<100	5460	41	25.2	7.8
51100	97650N	22	41	<10	0.1	2990	<1	580	14	276	23	<100	540	46	21.8	10
Line 51200, Last SNL																
51200	97000N	7	40	<10	<0.1	1730	<1	460	29	407	33	<100	400	48	23.3	11.3
51200	97050N	12	55	<10	0.1	1590	<1	560	58	454	51	<100	2810	147	90.3	32.4
51200	97100N	5	79	<10	0.1	2630	<1	500	90	899	30	<100	670	149	90.3	31.7
51200	97150N	7	52	<10	0.1	3300	<1	590	79	586	52	<100	800	82	51.4	16.9
51200	97200N	11	75	<10	<0.1	1970	<1	450	36	508	18	<100	860	99	51.4	21.2
51200	97250N															
51200	97300N	6	73	<10	<0.1	2000	<1	470	40	581	45	<100	510	68	34.9	14.4
51200	97350N	10	56	<10	<0.1	2260	<1	430	19	754	26	<100	460	73	35.7	16.7
51200	97400N	12	25	<10	0.1	1960	<1	690	56	111	30	<100	730	27	14.8	6.3
51200	97450N	11	41	<10	<0.1	2630	<1	620	49	422	56	<100	810	66	34.4	15.2
51200	97500N	8	81	<10	<0.1	2280	<1	630	132	229	30	<100	840	39	23.1	8.2
51200	97550N	5	77	<10	<0.1	4070	<1	510	41	698	174	<100	580	86	48.7	20.6
51200	97600N	15	51	<10	<0.1	3190	<1	640	22	653	94	<100	1090	138	76	29.9

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Line 51000, Last S																		
51000	97000N	14	95	101	27	250	46	1.2	255	639	120	<1	49	<1	69	<1	16	72
51000	97050N	8	35	21	33	394	22	0.6	65	306	90	<1	11	<1	60	<1	8	22
51000	97100N	46	46	85	6	160	21	1.7	155	180	180	<1	33	<1	49	<1	64	39
51000	97150N	38	54	95	10	128	16	1.3	168	251	230	<1	36	<1	35	<1	84	45
51000	97200N	30	54	75	6	134	10	1.1	161	286	140	<1	32	<1	48	<1	40	44
51000	97250N	21	124	108	6	145	38	0.7	297	917	110	<1	52	<1	56	<1	24	88
51000	97300N	22	91	114	6	130	8	0.9	236	352	180	<1	44	<1	29	<1	31	67
51000	97350N	17	97	69	6	113	14	0.5	198	545	160	<1	32	<1	30	<1	21	62
51000	97400N	30	48	63	<5	108	9	1	128	246	230	<1	25	<1	53	<1	35	35
51000	97450N	5	<1	2	35	376	58	<0.5	2	323	50	<1	<1	<1	53	2	7	<1
51000	97500N	8	<1	2	<5	414	37	<0.5	1	222	10	<1	<1	<1	48	<1	6	<1
51000	97550N																	
51000	97600N	10	37	40	9	430	32	1.1	97	724	400	<1	17	<1	40	2	11	26
51000	97650N	39	45	75	26	458	24	2	142	506	890	<1	30	<1	66	2	59	37
Line 51100, Last S																		
51100	97000N	15	162	149	11	212	46	1.2	403	851	220	<1	71	<1	46	<1	30	115
51100	97050N	34	85	84	18	138	38	1.1	212	582	300	<1	41	<1	81	<1	47	63
51100	97100N	30	48	69	5	115	16	1.1	134	366	230	<1	28	<1	59	<1	57	38
51100	97150N	47	118	118	10	99	58	1.2	305	919	340	<1	56	<1	60	1	66	87
51100	97200N	17	141	110	18	159	75	0.6	308	895	200	<1	54	<1	44	<1	21	96
51100	97250N	20	159	120	28	126	17	0.5	362	1240	190	<1	62	<1	58	1	21	110
51100	97300N	25	90	159	<5	150	7	1	259	356	220	<1	54	<1	30	<1	51	67
51100	97350N	26	167	184	14	174	12	1	406	610	350	<1	78	<1	46	<1	62	118
51100	97400N	23	85	92	8	172	22	1.3	219	427	240	<1	41	<1	38	<1	29	62
51100	97450N	55	110	176	9	122	13	1.8	347	381	390	<1	72	<1	64	<1	108	92
51100	97500N	196	25	67	18	96	25	7.9	92	287	620	<1	21	<1	93	<1	114	22
51100	97550N	59	29	36	17	254	12	0.5	75	603	150	<1	15	<1	73	4	56	20
51100	97600N	10	42	28	30	210	12	0.7	83	685	50	<1	13	<1	72	2	8	27
51100	97650N	26	51	79	8	154	7	1.1	158	146	100	<1	31	<1	57	<1	34	41
Line 51200, Last S																		
51200	97000N	28	60	66	14	229	72	0.7	170	268	110	<1	32	<1	64	<1	40	51
51200	97050N	32	173	170	18	148	20	<0.5	430	1090	250	<1	81	<1	59	<1	39	127
51200	97100N	36	168	161	24	113	30	0.6	444	647	210	<1	85	<1	48	<1	86	130
51200	97150N	40	95	122	9	91	15	1.2	257	589	230	<1	53	<1	57	<1	66	74
51200	97200N	34	109	125	13	118	12	0.7	305	457	160	<1	59	<1	56	<1	78	88
51200	97250N																	
51200	97300N	41	80	115	17	127	17	0.9	234	354	150	<1	50	<1	80	<1	81	67
51200	97350N	32	83	138	11	138	20	0.9	270	256	120	<1	56	<1	40	<1	81	72
51200	97400N	20	34	34	5	118	28	0.7	85	459	50	<1	16	<1	44	<1	16	27
51200	97450N	38	82	113	7	154	19	1.6	238	425	130	<1	48	<1	41	<1	52	67
51200	97500N	54	43	44	13	83	13	0.8	108	381	120	<1	21	<1	80	<1	70	31
51200	97550N	42	106	206	15	83	<5	1.5	358	357	270	<1	82	<1	41	<1	137	91
51200	97600N	35	164	219	16	143	<5	1.2	440	623	270	<1	90	<1	58	<1	73	126

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Line 51000, Last S															
51000	97000N	<1	3920	<1	15	<10	21	20	<0.5	108	<1	402	46	250	83
51000	97050N	<1	5110	<1	6	<10	8.7	14	<0.5	99	<1	174	19	320	31
51000	97100N	<1	2310	<1	7	<10	17	122	<0.5	21	<1	202	15	230	97
51000	97150N	<1	2840	<1	9	<10	19	56	<0.5	17	<1	225	22	320	95
51000	97200N	<1	2810	<1	8	<10	12	48	<0.5	21	<1	220	18	500	84
51000	97250N	<1	3020	<1	18	<10	14	16	<0.5	26	<1	541	50	690	78
51000	97300N	<1	3790	<1	13	<10	14	21	<0.5	29	<1	392	28	240	81
51000	97350N	<1	3610	<1	14	<10	8.7	13	<0.5	21	<1	503	46	660	37
51000	97400N	<1	2910	<1	8	<10	8.2	41	<0.5	21	<1	215	18	3130	64
51000	97450N	<1	4340	<1	<1	<10	0.5	21	<0.5	39	<1	6	<1	120	5
51000	97500N	<1	2740	<1	<1	<10	<0.5	29	<0.5	51	<1	<5	<1	90	<5
51000	97550N														
51000	97600N	<1	4520	<1	6	<10	17	29	<0.5	26	<1	186	17	1190	47
51000	97650N	<1	3750	<1	7	<10	32	77	<0.5	182	<1	264	31	5450	140
Line 51100, Last S															
51100	97000N	<1	4430	<1	24	<10	30	21	<0.5	57	<1	726	82	770	98
51100	97050N	<1	3410	<1	14	<10	11	69	<0.5	53	<1	435	47	2830	108
51100	97100N	<1	2790	<1	8	<10	13	49	<0.5	23	<1	210	20	4130	89
51100	97150N	<1	3070	<1	18	<10	18	44	<0.5	39	<1	595	62	1850	121
51100	97200N	<1	3160	<1	21	<10	17	15	<0.5	35	<1	614	53	620	47
51100	97250N	<1	3710	<1	24	<10	12	9	<0.5	22	<1	742	76	830	63
51100	97300N	<1	3970	<1	14	<10	22	27	<0.5	34	<1	393	28	520	117
51100	97350N	<1	4230	<1	26	<10	15	22	<0.5	50	<1	787	80	1360	124
51100	97400N	<1	3500	<1	12	<10	13	33	<0.5	24	<1	378	33	1560	81
51100	97450N	<1	2540	<1	17	<10	26	116	<0.5	29	<1	490	46	1740	162
51100	97500N	<1	1390	<1	4	<10	30	1210	<0.5	9	1	132	13	1680	146
51100	97550N	<1	3580	<1	5	<10	12	19	<0.5	371	<1	182	24	590	75
51100	97600N	<1	3530	<1	6	<10	7.7	20	<0.5	56	<1	210	20	820	35
51100	97650N	<1	3480	<1	8	<10	15	31	<0.5	22	<1	201	16	650	81
Line 51200, Last S															
51200	97000N	<1	2360	<1	9	<10	9.8	84	<0.5	116	<1	228	19	1520	41
51200	97050N	<1	1940	<1	26	<10	14	41	<0.5	31	2	797	75	2020	55
51200	97100N	<1	2210	<1	26	<10	15	76	<0.5	23	2	779	74	5950	111
51200	97150N	<1	2620	<1	15	<10	15	59	0.5	27	1	427	41	3820	97
51200	97200N	<1	2090	<1	17	<10	14	89	<0.5	17	<1	500	40	1880	67
51200	97250N														
51200	97300N	<1	2260	<1	12	<10	14	112	<0.5	24	<1	334	28	1910	69
51200	97350N	<1	2230	<1	13	<10	17	83	<0.5	30	<1	343	26	840	92
51200	97400N	<1	2960	<1	5	<10	8.3	35	<0.5	14	<1	146	11	2610	22
51200	97450N	<1	2810	<1	12	<10	17	83	<0.5	21	1	315	27	2070	113
51200	97500N	<1	2580	<1	7	<10	7.9	76	<0.5	12	<1	205	20	10400	56
51200	97550N	<1	2350	<1	16	<10	33	204	<0.5	17	1	422	39	3880	147
51200	97600N	<1	2570	<1	24	<10	24	62	0.6	30	2	682	63	970	144

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
51200	97650N	19	23	<10	<0.1	2190	<1	670	34	111	47	<100	470	27	13.7	6.2
L 98700N, Noname																
98700	50850E	18	62	<10	<0.1	4350	<1	660	14	441	85	<100	860	72	37.3	16
98700	50875E	14	49	<10	0.3	3700	<1	690	12	367	77	<100	2600	180	115	35.2
98700	50900E	11	19	<10	0.1	2800	<1	760	6	144	75	<100	1160	24	10.6	6.1
98700	50925E	19	36	<10	0.2	3470	<1	840	8	277	75	<100	1160	80	42.9	16.3
98700	50950E	12	65	<10	0.2	3950	<1	690	4	555	81	<100	1030	54	27.1	12.8
98700	50975E	13	8	<10	0.5	3220	<1	680	7	35	18	<100	780	13	5.4	3.6
98700	51000E	9	39	<10	0.1	3840	<1	630	7	1370	368	<100	1010	101	49.7	25.1
98700	51025E	13	43	<10	<0.1	5320	<1	780	13	582	100	<100	790	78	39.6	18.2
98700	51050E	8	31	<10	0.1	3830	<1	690	22	244	40	<100	570	44	22.1	10
98700	51075E	10	104	<10	<0.1	4240	<1	580	21	644	58	<100	1690	176	110	35
98700	51100E	16	20	<10	0.1	4130	<1	890	20	102	38	<100	1430	35	18.2	7.9
98700	51125E	12	44	<10	<0.1	2840	<1	620	20	183	48	<100	1460	106	62.2	21.7
98700	51150E	10	55	<10	<0.1	3450	<1	450	6	751	47	<100	600	63	29	16.2
98700	51175E	22	54	<10	<0.1	3120	<1	570	11	654	28	<100	600	50	23.8	12.6
98700	51200E	13	74	<10	<0.1	3850	<1	680	48	801	106	<100	1720	133	76.1	27.1
98700	51225E	18	102	<10	0.5	2360	<1	570	32	390	82	<100	1370	79	41.7	16.2
98700	51250E	27	9	<10	0.1	2630	<1	780	18	43	45	<100	1910	30	15.3	7
98700	51275E	17	19	<10	0.2	4100	<1	660	7	231	25	<100	880	65	30.5	16.4
98700	51300E	19	33	<10	0.1	5870	<1	590	9	650	21	<100	650	33	14.6	8.2
98700	51325E	11	21	<10	0.7	3250	<1	680	5	240	13	<100	550	27	11.9	6.7
98700	51350E	18	20	<10	<0.1	5130	<1	650	3	295	14	<100	570	43	19.7	11
98700	51375E	25	45	<10	<0.1	4260	<1	620	9	319	11	<100	1390	68	33.5	18.1
98700	51400E	14	23	<10	0.2	4310	<1	710	5	241	11	<100	610	35	16.2	9.3
98700	51425E	21	33	<10	0.4	4840	<1	890	8	226	60	<100	1100	94	53.2	19.4
98700	51450E	16	42	<10	0.1	3850	<1	610	8	187	9	<100	350	18	8.6	4.9
98700	51475E	21	39	<10	<0.1	5280	<1	590	32	381	14	<100	1050	56	26.6	13.3
98700	51500E	49	16	<10	0.1	7140	<1	840	12	102	89	<100	3060	76	40.9	15.6
98700	51525E	18	43	<10	<0.1	4350	<1	580	21	548	57	<100	550	56	28.4	13.3
98700	51550E	18	62	<10	<0.1	2890	<1	740	22	171	33	<100	1220	66	34.6	15.9
L 98750N, Noname																
98750	50850E	24	59	<10	<0.1	5280	<1	760	16	698	100	<100	2100	144	78.4	30.4
98750	50875E	15	67	<10	<0.1	5140	<1	680	15	802	86	<100	1180	134	79.3	26.9
98750	50900E	28	38	<10	0.2	3550	<1	700	18	163	65	<100	1950	53	27.7	11.9
98750	50925E	15	12	<10	<0.1	3730	<1	650	5	105	9	<100	480	21	8.1	5.9
98750	50950E	12	28	<10	0.2	6050	<1	500	8	759	491	<100	980	38	18.1	11.9
98750	50975E	12	54	<10	<0.1	4580	<1	530	6	293	12	<100	330	16	7.1	4.5
98750	51000E	9	43	<10	<0.1	4220	<1	520	5	755	9	<100	410	66	30.4	16.6
98750	51025E	11	47	<10	0.2	5040	<1	720	19	411	75	<100	1230	114	68.1	23.1
98750	51050E	8	45	<10	<0.1	4430	<1	890	20	403	200	<100	1270	86	50.9	16.5
98750	51075E	15	48	<10	0.1	3920	<1	650	23	502	78	<100	2540	130	76.4	27.2
98750	51100E	11	67	<10	<0.1	3680	<1	550	17	791	77	<100	650	83	41.8	18.5
98750	51125E	16	27	<10	<0.1	3350	<1	740	19	156	14	<100	850	45	22.5	10.4

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
51200	97650N	20	32	37	6	139	10	0.8	82	383	70	<1	16	<1	35	<1	28	25
L 98700N, Nonam																		
98700	50850E	32	81	129	7	79	<5	1.7	254	411	100	<1	53	<1	33	<1	45	68
98700	50875E	17	184	180	13	123	7	0.5	440	811	80	<1	81	<1	48	<1	43	131
98700	50900E	25	31	59	<5	130	16	2.7	104	321	30	<1	22	<1	19	<1	18	25
98700	50925E	20	88	106	11	124	5	0.8	232	824	70	<1	46	<1	36	<1	29	68
98700	50950E	39	60	147	7	117	11	1.1	225	434	80	<1	49	<1	20	<1	73	53
98700	50975E	10	17	22	<5	104	6	0.7	48	221	20	<1	9	<1	26	<1	10	13
98700	51000E	41	119	292	14	167	12	2.7	469	741	90	<1	105	<1	18	<1	87	109
98700	51025E	29	87	141	13	136	7	1.4	268	534	90	<1	56	<1	32	<1	51	71
98700	51050E	19	50	69	<5	118	9	0.8	144	434	60	<1	29	<1	27	<1	23	40
98700	51075E	41	178	194	21	116	7	0.9	486	1070	130	<1	95	<1	73	<1	107	142
98700	51100E	14	41	42	<5	117	12	0.7	96	425	60	<1	19	<1	36	<1	14	30
98700	51125E	14	118	109	7	126	10	0.6	294	542	70	<1	54	<1	34	<1	22	87
98700	51150E	48	75	176	6	125	10	2.7	300	200	70	<1	67	<1	39	<1	66	71
98700	51175E	37	60	112	12	141	12	1.5	201	315	70	<1	43	<1	53	<1	50	52
98700	51200E	36	140	196	22	175	9	1	415	576	430	<1	85	<1	62	<1	100	111
98700	51225E	80	83	126	6	107	11	1.4	250	403	540	<1	52	<1	72	<1	118	67
98700	51250E	8	37	20	<5	193	20	0.7	67	382	40	<1	11	<1	16	<1	12	24
98700	51275E	15	82	97	9	127	8	0.6	228	300	50	<1	43	<1	40	<1	24	65
98700	51300E	29	38	94	13	114	6	1.9	148	163	40	<1	33	<1	58	<1	37	35
98700	51325E	22	32	55	9	142	7	0.7	102	168	30	<1	21	<1	31	<1	22	26
98700	51350E	19	52	73	10	126	<5	0.7	158	249	30	<1	31	<1	30	<1	26	43
98700	51375E	33	83	121	<5	110	<5	1.2	269	273	30	<1	54	<1	36	<1	35	71
98700	51400E	21	43	74	6	117	<5	1	145	233	30	<1	29	<1	33	<1	22	38
98700	51425E	17	100	86	9	159	6	<0.5	220	643	50	<1	40	<1	23	<1	30	69
98700	51450E	28	23	36	5	108	6	1.2	73	152	40	<1	14	<1	48	<1	23	19
98700	51475E	20	67	101	13	117	7	0.7	222	470	70	<1	44	<1	103	<1	24	60
98700	51500E	8	91	67	<5	186	19	0.9	191	357	130	<1	32	<1	61	<1	12	61
98700	51525E	26	67	104	16	132	8	1.4	219	342	150	<1	44	<1	45	<1	37	58
98700	51550E	24	79	97	<5	138	<5	0.8	215	397	30	<1	41	<1	49	<1	41	60
L 98750N, Nonam																		
98750	50850E	24	158	232	12	135	6	0.9	456	845	160	<1	93	<1	40	<1	54	125
98750	50875E	28	146	225	14	107	8	1	435	858	110	<1	91	<1	65	<1	67	116
98750	50900E	19	63	74	7	106	12	1.3	167	702	60	<1	32	<1	45	<1	19	47
98750	50925E	12	29	43	<5	116	<5	0.9	88	147	20	<1	17	<1	14	<1	17	25
98750	50950E	29	53	173	<5	85	13	1	268	405	20	<1	61	<1	54	<1	34	56
98750	50975E	34	20	49	<5	82	8	1.5	70	162	50	<1	16	<1	44	<1	37	17
98750	51000E	36	81	156	12	104	7	1.3	287	295	40	<1	61	<1	35	<1	56	73
98750	51025E	26	124	150	9	108	10	1.2	316	796	80	<1	62	<1	58	<1	48	90
98750	51050E	18	88	109	17	139	<5	0.8	224	787	120	<1	46	<1	55	<1	42	64
98750	51075E	23	149	165	19	135	<5	0.5	381	941	70	<1	73	<1	46	<1	31	111
98750	51100E	39	96	171	10	104	7	1.3	316	447	100	<1	66	<1	46	<1	72	81
98750	51125E	17	56	55	9	135	5	0.6	136	363	60	<1	25	<1	38	<1	16	42

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
51200	97650N	<1	2490	<1	5	<10	10	60	<0.5	10	<1	124	10	1970	39
L 98700N, Nonam															
98700	50850E	<1	3300	<1	12	<10	20	70	<0.5	20	<1	333	29	650	126
98700	50875E	<1	4420	<1	29	<10	14	20	<0.5	22	<1	914	91	410	86
98700	50900E	<1	3920	<1	4	<10	8.7	61	<0.5	26	<1	116	7	230	98
98700	50925E	<1	4310	<1	13	<10	17	21	<0.5	24	<1	362	33	170	73
98700	50950E	<1	3950	<1	9	<10	26	34	<0.5	17	<1	265	19	110	124
98700	50975E	<1	3400	<1	2	<10	5.5	28	<0.5	10	<1	60	4	120	33
98700	51000E	<1	2950	<1	18	<10	50	121	<0.5	22	<1	455	38	370	261
98700	51025E	<1	3860	<1	13	<10	20	47	<0.5	19	<1	368	30	940	133
98700	51050E	<1	3180	<1	7	<10	14	33	<0.5	12	<1	206	16	850	55
98700	51075E	<1	3600	<1	28	<10	29	73	<0.5	20	<1	928	94	1040	128
98700	51100E	<1	4120	<1	6	<10	14	20	<0.5	9	<1	170	13	540	26
98700	51125E	<1	3140	<1	17	<10	11	32	<0.5	14	<1	540	48	1210	53
98700	51150E	<1	2900	<1	12	<10	23	124	<0.5	19	<1	293	21	300	198
98700	51175E	<1	3370	<1	9	<10	17	47	<0.5	16	<1	235	17	570	97
98700	51200E	<1	4850	<1	22	<10	17	45	<0.5	49	<1	663	59	2460	125
98700	51225E	<1	3030	<1	13	<10	19	76	<0.5	37	<1	404	32	1560	97
98700	51250E	<1	4020	<1	5	<10	6.1	20	<0.5	25	<1	155	11	310	21
98700	51275E	<1	3460	<1	12	<10	23	20	<0.5	24	<1	303	21	170	66
98700	51300E	<1	3060	<1	6	<10	15	37	<0.5	18	<1	133	10	670	144
98700	51325E	<1	3170	<1	5	<10	11	19	<0.5	14	<1	112	9	260	68
98700	51350E	<1	3370	<1	8	<10	21	18	<0.5	15	<1	192	14	50	65
98700	51375E	<1	2740	<1	12	<10	12	29	<0.5	16	<1	331	26	220	92
98700	51400E	<1	3340	<1	7	<10	14	24	<0.5	15	<1	164	12	210	80
98700	51425E	<1	3660	<1	15	<10	14	13	<0.5	22	<1	439	42	380	66
98700	51450E	<1	2630	<1	3	<10	9.8	34	<0.5	10	<1	87	7	320	81
98700	51475E	<1	3450	<1	10	<10	23	20	<0.5	35	<1	260	20	2240	83
98700	51500E	<1	6110	<1	13	<10	20	14	<0.5	70	<1	370	28	130	68
98700	51525E	<1	3470	<1	10	<10	26	62	<0.5	26	<1	263	22	640	131
98700	51550E	<1	3590	<1	11	<10	9.8	24	<0.5	18	<1	338	25	1120	75
L 98750N, Nonam															
98750	50850E	<1	4870	<1	24	<10	28	28	<0.5	30	1	699	59	570	99
98750	50875E	<1	3840	<1	22	<10	31	45	<0.5	31	1	647	65	440	128
98750	50900E	<1	3460	<1	9	<10	21	28	<0.5	5	<1	258	20	550	61
98750	50925E	<1	3250	<1	4	<10	13	49	<0.5	10	<1	95	5	280	50
98750	50950E	<1	2940	<1	7	<10	42	56	<0.5	11	1	179	15	180	99
98750	50975E	<1	2900	<1	3	<10	16	61	<0.5	7	<1	76	5	610	71
98750	51000E	<1	2900	<1	12	<10	24	62	<0.5	16	<1	291	21	340	117
98750	51025E	<1	3320	<1	18	<10	20	29	<0.5	16	1	568	53	970	110
98750	51050E	<1	3970	<1	14	<10	24	27	<0.5	21	1	397	43	1060	79
98750	51075E	<1	3260	<1	22	<10	28	16	<0.5	15	1	666	60	770	67
98750	51100E	<1	2700	<1	14	<10	31	89	<0.5	18	<1	397	32	810	131
98750	51125E	<1	3310	<1	8	<10	11	17	<0.5	10	<1	227	15	920	30

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98750	51150E	23	22	<10	0.2	4400	<1	720	26	123	18	<100	1130	70	35	16.4
98750	51175E	19	44	<10	0.2	3270	<1	820	85	653	59	<100	1200	84	48.1	17.2
98750	51200E	44	7	<10	0.5	2190	<1	1120	172	11	11	<100	7350	11	5.1	2.2
98750	51225E	15	21	<10	0.1	2690	<1	860	125	92	49	<100	1120	26	13.8	5.8
98750	51250E	36	20	<10	0.4	2980	<1	840	23	133	46	<100	2910	102	55.3	20.5
98750	51275E	34	19	<10	0.3	3430	<1	820	15	179	77	<100	1880	128	70.4	25.7
98750	51300E	16	3	10	0.2	520	<1	590	10	15	349	<100	10000	4	2.5	0.9
98750	51325E	6	6	<10	0.2	1160	<1	630	4	147	105	<100	5750	23	10.9	6.8
98750	51350E	22	60	<10	<0.1	4740	<1	520	7	294	13	<100	480	25	10.8	6.1
98750	51375E	25	8	<10	0.2	3700	<1	670	6	46	6	<100	780	24	10.5	6.6
98750	51400E	17	15	<10	0.1	1650	<1	600	3	72	<5	<100	950	15	6.2	3.8
98750	51425E	21	14	<10	0.4	3790	<1	690	3	107	7	<100	510	16	6.9	4
98750	51450E	16	16	<10	0.2	4040	<1	790	6	156	32	<100	1410	92	47.1	19.4
98750	51475E	19	13	<10	0.2	3720	<1	840	9	56	35	<100	1270	44	21.1	9.5
98750	51500E	39	9	<10	0.3	4020	<1	940	11	29	43	<100	2210	49	28.7	8.2
98750	51525E	38	12	<10	0.2	5260	<1	820	25	174	135	<100	2580	97	51.1	18.5
98750	51550E	176	7	<10	1.4	720	<1	940	10	5	13	<100	16700	8	5	1.2
L 98800N, Noname																
98800	50850E	12	35	<10	<0.1	3210	<1	690	20	203	67	<100	1110	51	27.8	10.2
98800	50875E	10	36	<10	<0.1	2370	<1	580	8	292	70	<100	600	31	14.7	7.3
98800	50900E	9	89	<10	<0.1	2850	<1	460	6	489	45	<100	340	43	21	9.5
98800	50925E	13	34	<10	<0.1	5100	<1	630	4	465	123	<100	590	44	20	9.9
98800	50950E	9	31	<10	<0.1	3400	<1	750	21	275	186	<100	1870	70	45.5	13.6
98800	50975E	7	56	<10	0.1	3420	<1	690	9	529	236	<100	1340	128	72.7	26
98800	51000E	12	46	10	<0.1	2630	<1	650	8	481	84	<100	830	68	32.8	15.7
98800	51025E	15	17	<10	<0.1	3760	<1	950	17	114	133	<100	1580	25	12.9	4.7
98800	51050E	17	33	<10	<0.1	3290	<1	710	10	455	126	<100	2040	129	68.8	29.7
98800	51075E	8	52	<10	<0.1	3490	<1	630	9	500	50	<100	600	77	38.1	17.9
98800	51100E	24	19	<10	0.1	3110	<1	840	25	101	111	<100	2320	30	15.8	6.3
98800	51125E	25	15	<10	<0.1	3280	<1	710	13	60	64	<100	1870	48	26.1	9.3
98800	51150E	11	59	<10	<0.1	4660	<1	450	21	244	9	<100	520	40	18.8	9
98800	51175E	36	73	<10	<0.1	2890	<1	710	74	238	33	<100	1370	38	20.9	7.7
98800	51200E	20	25	<10	<0.1	3260	<1	830	81	279	166	<100	2870	82	45.6	17.8
98800	51225E	16	23	<10	<0.1	2630	<1	680	58	177	45	<100	1070	31	14	7.2
98800	51250E	25	17	<10	0.1	3240	<1	680	22	117	86	<100	2920	76	41.3	16.3
98800	51275E	27	25	<10	<0.1	4020	<1	590	19	205	41	<100	740	35	17.2	7.6
98800	51300E	508	14	<10	0.2	3510	<1	670	14	87	55	<100	1630	66	33.6	15.1
98800	51325E	13	46	<10	<0.1	4240	<1	750	13	248	55	<100	720	42	22	10.1
98800	51350E	8	25	<10	0.1	3110	<1	650	11	209	63	<100	600	31	14.4	7.1
98800	51375E	13	28	<10	0.2	3940	<1	690	14	83	63	<100	1440	54	28.4	12.3
98800	51400E	2	10	<10	<0.1	1670	<1	650	13	77	78	<100	3950	12	6.1	3.2
98800	51425E	3	11	<10	<0.1	2720	<1	680	5	46	35	<100	1210	22	10.5	5.6
98800	51450E	<1	27	<10	<0.1	5190	<1	610	6	145	50	<100	850	86	42	19.2
98800	51475E	4	19	<10	<0.1	2960	<1	730	15	89	35	<100	1020	10	4.8	2.4

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98750	51150E	15	91	86	<5	116	6	0.8	215	417	50	<1	38	<1	23	<1	15	66
98750	51175E	23	94	111	11	173	17	0.8	249	688	260	<1	50	<1	50	<1	30	72
98750	51200E	7	12	4	8	91	14	<0.5	17	293	180	<1	2	<1	12	<1	5	7
98750	51225E	18	31	35	<5	133	15	0.9	85	413	320	<1	16	<1	24	<1	18	24
98750	51250E	12	119	73	15	172	<5	<0.5	225	639	210	<1	36	<1	24	<1	15	76
98750	51275E	10	147	101	12	154	7	0.6	287	698	80	<1	48	<1	36	<1	22	98
98750	51300E	11	5	4	27	248	142	0.7	10	918	90	<1	2	<1	55	6	<5	3
98750	51325E	19	33	48	26	218	19	0.6	113	334	40	<1	22	<1	28	<1	8	30
98750	51350E	32	28	58	7	97	5	1.4	96	167	70	<1	21	<1	59	<1	48	25
98750	51375E	14	32	42	<5	156	<5	0.9	98	145	30	<1	18	<1	22	<1	15	27
98750	51400E	8	19	20	<5	264	18	<0.5	52	192	10	<1	10	<1	13	<1	9	16
98750	51425E	14	20	32	<5	127	6	0.8	59	161	30	<1	12	<1	40	<1	17	16
98750	51450E	12	106	85	8	160	7	<0.5	231	437	30	<1	40	<1	29	<1	23	72
98750	51475E	11	51	35	<5	194	14	<0.5	101	337	30	<1	17	<1	26	2	16	34
98750	51500E	6	51	13	6	190	16	<0.5	59	326	60	<1	8	<1	21	<1	14	26
98750	51525E	8	112	82	8	166	7	<0.5	223	532	100	<1	38	<1	41	<1	17	74
98750	51550E	5	8	2	<5	258	9	<0.5	8	116	100	<1	1	<1	7	1	<5	4
L 98800N, Nonarr																		
98800	50850E	17	56	78	<5	124	14	1.1	149	544	70	<1	30	<1	39	<1	24	42
98800	50875E	23	38	77	6	95	6	1.1	123	262	60	<1	27	<1	33	<1	19	32
98800	50900E	37	47	111	9	95	12	1.4	166	300	110	<1	37	<1	33	<1	59	40
98800	50925E	21	53	111	12	104	<5	1.4	177	311	60	<1	37	<1	47	<1	31	45
98800	50950E	13	80	93	14	237	11	1	204	1130	70	<1	41	<1	19	<1	14	56
98800	50975E	21	143	195	14	158	11	0.8	382	1120	110	<1	79	<1	35	<1	31	108
98800	51000E	31	79	157	9	156	10	1.3	246	373	70	<1	54	<1	33	<1	36	63
98800	51025E	12	26	34	<5	157	12	0.8	65	438	60	<1	13	<1	18	<1	13	18
98800	51050E	20	160	200	18	235	6	1	434	808	80	<1	85	<1	48	<1	25	122
98800	51075E	25	92	156	10	126	7	1.1	276	373	70	<1	60	<1	31	<1	26	75
98800	51100E	12	35	37	8	80	8	0.8	83	643	50	<1	15	<1	35	<1	9	25
98800	51125E	10	56	40	7	180	14	0.8	106	423	70	<1	18	<1	30	<1	10	36
98800	51150E	29	46	79	<5	71	13	2	145	174	90	<1	31	<1	80	<1	30	39
98800	51175E	30	42	67	7	137	5	0.9	126	359	1650	<1	26	<1	19	<1	29	33
98800	51200E	16	99	112	7	156	7	1.2	262	927	1000	<1	49	<1	37	<1	17	73
98800	51225E	17	39	60	6	111	16	0.9	121	270	270	<1	24	<1	30	<1	13	32
98800	51250E	11	93	66	8	153	18	0.8	189	541	60	<1	32	<1	19	<1	14	61
98800	51275E	21	40	65	6	129	10	1.2	122	352	90	<1	25	<1	44	<1	24	34
98800	51300E	10	83	69	7	149	6	0.8	187	326	50	<1	32	<1	34	<1	18	60
98800	51325E	20	51	81	5	114	6	0.6	154	299	80	<1	31	<1	39	<1	25	41
98800	51350E	17	36	54	6	118	10	0.8	110	256	30	<1	22	<1	48	<1	20	30
98800	51375E	18	65	68	6	142	12	1.1	161	316	60	<1	29	<1	48	<1	21	47
98800	51400E	14	16	22	29	189	38	0.8	53	466	30	<1	9	<1	38	<1	<5	14
98800	51425E	7	31	22	8	222	26	0.8	71	245	20	<1	11	<1	40	<1	8	23
98800	51450E	14	105	130	10	134	7	1	289	275	80	<1	56	<1	58	<1	21	83
98800	51475E	14	12	19	<5	155	35	1.4	40	238	20	<1	7	<1	34	<1	11	10

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98750	51150E	<1	3000	<1	12	<10	12	18	<0.5	12	1	368	24	1220	45
98750	51175E	<1	4290	<1	14	<10	27	14	<0.5	24	1	415	36	2570	65
98750	51200E	<1	3710	<1	2	<10	2.2	10	<0.5	7	<1	55	4	1160	8
98750	51225E	<1	3690	<1	5	<10	14	41	<0.5	13	1	123	10	6080	34
98750	51250E	<1	3530	<1	17	<10	20	8	<0.5	14	1	510	39	470	48
98750	51275E	<1	4000	<1	22	<10	20	11	<0.5	42	1	621	49	260	67
98750	51300E	<1	4450	<1	<1	<10	4	5	<0.5	179	3	24	2	380	13
98750	51325E	<1	3930	<1	4	<10	19	13	<0.5	133	<1	115	8	30	30
98750	51350E	<1	2830	<1	4	<10	14	68	<0.5	13	<1	104	8	960	99
98750	51375E	<1	3600	<1	4	<10	7.1	17	<0.5	17	<1	113	7	180	49
98750	51400E	<1	3100	<1	3	<10	4.7	12	<0.5	13	<1	62	4	130	31
98750	51425E	<1	3490	<1	3	<10	12	20	<0.5	13	<1	67	5	130	65
98750	51450E	<1	3790	<1	16	<10	17	9	<0.5	36	1	417	33	80	71
98750	51475E	<1	3850	<1	7	<10	7.5	12	<0.5	25	1	206	15	440	36
98750	51500E	<1	4690	<1	8	<10	6.7	11	<0.5	36	<1	239	20	90	29
98750	51525E	<1	5120	<1	16	<10	32	8	<0.5	62	1	465	35	210	50
98750	51550E	<1	6630	<1	1	<10	1.7	11	<0.5	18	<1	42	4	<20	7
L 98800N, Nonarr															
98800	50850E	<1	4550	<1	9	<10	18	27	<0.5	22	<1	254	21	480	53
98800	50875E	<1	2840	<1	6	<10	13	36	<0.5	12	<1	141	10	500	69
98800	50900E	<1	2420	<1	8	<10	24	81	<0.5	9	<1	202	15	260	101
98800	50925E	<1	3770	<1	8	<10	18	32	<0.5	24	<1	212	15	90	119
98800	50950E	<1	4190	<1	12	<10	19	14	<0.5	18	<1	368	37	360	64
98800	50975E	<1	3550	<1	22	<10	23	27	<0.5	15	<1	635	56	190	90
98800	51000E	<1	2920	<1	13	<10	14	33	<0.5	22	<1	337	22	370	86
98800	51025E	<1	4440	<1	4	<10	10	15	<0.5	19	<1	111	10	800	40
98800	51050E	<1	3590	<1	23	<10	23	20	<0.5	22	<1	651	52	280	102
98800	51075E	<1	3010	<1	14	<10	22	33	<0.5	16	<1	353	29	300	77
98800	51100E	<1	3820	<1	6	<10	13	23	<0.5	8	<1	159	12	480	29
98800	51125E	<1	4130	<1	9	<10	9.9	16	<0.5	21	<1	256	19	380	33
98800	51150E	<1	2350	<1	8	<10	11	46	<0.5	18	<1	187	14	1650	124
98800	51175E	<1	3170	<1	7	<10	18	23	<0.5	8	<1	184	16	5200	55
98800	51200E	<1	4040	<1	15	<10	24	17	<0.5	34	<1	429	34	1690	84
98800	51225E	<1	3070	<1	6	<10	18	22	<0.5	11	<1	138	11	3210	58
98800	51250E	<1	3310	<1	14	<10	18	19	<0.5	25	<1	401	29	420	44
98800	51275E	<1	3030	<1	6	<10	11	32	<0.5	19	<1	161	14	1330	90
98800	51300E	<1	3040	<1	12	<10	12	19	<0.5	29	<1	338	25	440	67
98800	51325E	<1	4080	<1	8	<10	11	19	<0.5	14	<1	200	17	1820	52
98800	51350E	<1	2980	<1	6	<10	13	22	<0.5	18	<1	128	11	920	57
98800	51375E	<1	4090	<1	10	<10	7.4	38	<0.5	21	<1	298	22	940	60
98800	51400E	<1	3700	<1	2	<10	6.6	16	<0.5	26	<1	68	5	190	14
98800	51425E	<1	4290	<1	4	<10	6.6	24	<0.5	41	<1	115	8	70	38
98800	51450E	<1	3030	<1	16	<10	11	35	<0.5	24	<1	409	32	670	84
98800	51475E	<1	3040	<1	2	<10	8	20	<0.5	17	<1	47	4	1350	36

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98800	51500E	3	32	<10	<0.1	4550	<1	720	13	175	88	<100	1520	128	75	26.7
98800	51525E	4	11	<10	<0.1	1690	<1	800	18	127	340	<100	1040	39	26.5	6.9
98800	51550E															
L 98850N, Noname																
98850	50850E	22	62	<10	<0.1	3460	<1	630	20	441	111	<100	1380	104	57.7	21.5
98850	50875E	10	62	<10	0.1	3160	<1	630	8	453	30	<100	500	31	13.9	6.9
98850	50900E	14	50	<10	0.2	2950	<1	590	13	642	37	<100	520	69	35.1	14.7
98850	50925E	18	14	<10	<0.1	2250	<1	870	50	42	27	<100	480	9	3.9	2
98850	50950E	16	41	<10	<0.1	3100	<1	720	15	287	35	<100	530	46	23.1	9.3
98850	50975E	24	85	<10	<0.1	5690	<1	600	23	551	30	<100	630	76	41.5	15.9
98850	51000E	18	29	<10	<0.1	2460	<1	650	12	97	8	<100	480	9	4	2.2
98850	51025E	16	97	<10	<0.1	3680	<1	640	10	558	105	<100	1070	104	58.7	20.4
98850	51050E	9	66	<10	0.1	3170	<1	610	14	616	84	<100	1100	122	66.1	26.6
98850	51075E	18	39	<10	<0.1	5490	<1	750	21	378	79	<100	1660	112	63.9	24.1
98850	51100E	13	36	<10	<0.1	4590	<1	750	27	210	57	<100	750	81	47.2	15.2
98850	51125E	19	35	<10	<0.1	4850	<1	700	17	448	31	<100	600	57	27.2	13.1
98850	51150E	17	36	<10	<0.1	4640	<1	590	17	277	12	<100	620	32	15	7.9
98850	51175E	33	47	<10	0.1	3780	<1	590	99	239	8	<100	540	27	12.4	6.9
98850	51200E	23	74	<10	<0.1	3300	<1	440	70	451	41	<100	330	41	18.7	9.1
98850	51225E	20	16	<10	0.2	3870	<1	720	23	147	17	<100	2450	103	51.3	23.2
98850	51250E	31	18	<10	0.9	4160	<1	890	21	54	40	<100	5620	70	40.9	12.8
98850	51275E	20	15	<10	0.4	3210	<1	920	17	197	42	<100	1680	96	53.4	18.1
98850	51300E	18	23	<10	0.6	3050	<1	890	11	39	30	<100	3830	108	66.3	22.3
98850	51325E	26	16	<10	1.2	3060	<1	800	11	66	19	<100	1870	52	25.8	12.2
98850	51350E	30	17	<10	0.4	3120	<1	920	8	84	35	<100	1460	55	30.9	9.8
98850	51375E	22	18	<10	<0.1	4520	<1	740	4	193	20	<100	490	18	8	4.7
98850	51400E	13	91	<10	<0.1	2790	<1	600	16	515	30	<100	900	48	23.6	11.3
98850	51425E	18	27	<10	0.5	4100	<1	830	8	386	43	<100	880	152	82.8	30.7
98850	51450E	29	21	<10	0.1	3590	<1	720	11	254	44	<100	1960	131	68.7	28
98850	51475E	2	11	100	<0.1	590	<1	560	5	63	224	<100	4520	6	3.9	1.9
98850	51500E	2	3	30	<0.1	300	<1	460	<1	<5	37	<100	60	<1	<0.5	<0.5
98850	51525E															
98850	51550E															
L 98900N, Noname																
98900	50850E	11	60	<10	0.1	1800	<1	570	5	470	64	<100	560	24	11.5	5.5
98900	50875E	12	66	<10	<0.1	1870	<1	490	11	502	44	<100	560	33	16.1	7.4
98900	50900E	9	52	<10	<0.1	1530	<1	480	9	400	37	<100	440	12	5.6	3.2
98900	50925E	12	44	<10	0.2	1130	<1	510	9	185	25	<100	500	26	12.4	5.4
98900	50950E	7	137	<10	<0.1	2420	<1	270	7	562	70	<100	540	31	14.3	6.5
98900	50975E	11	35	<10	0.1	2590	<1	610	14	463	98	<100	630	74	36	17.1
98900	51000E	23	36	<10	0.6	2460	<1	710	13	180	49	<100	3160	109	63.3	25.7
98900	51025E	12	42	<10	0.1	3160	<1	540	18	456	62	<100	2080	158	93.3	33.7
98900	51050E	11	41	<10	0.1	2390	<1	460	6	484	22	<100	1070	75	37.3	18.1

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98800	51500E	14	148	119	14	200	8	0.8	324	802	80	<1	58	<1	43	<1	23	102
98800	51525E	6	39	26	18	237	21	<0.5	74	643	140	<1	12	<1	82	<1	8	24
98800	51550E																	
L 98850N, Nonarr																		
98850	50850E	29	115	159	10	120	<5	1.1	321	560	110	<1	66	<1	43	<1	55	88
98850	50875E	36	34	71	7	89	<5	1.2	115	237	50	<1	25	<1	33	<1	54	29
98850	50900E	28	75	126	11	120	7	0.8	230	454	70	<1	49	<1	50	<1	52	62
98850	50925E	11	11	14	<5	90	6	0.7	27	183	30	<1	5	<1	55	<1	10	8
98850	50950E	25	50	76	6	110	10	0.9	136	380	100	<1	29	<1	30	<1	30	38
98850	50975E	39	83	127	11	71	8	1.5	249	487	120	<1	53	<1	73	<1	87	68
98850	51000E	25	11	21	<5	97	9	1.2	35	161	50	<1	7	<1	23	<1	17	9
98850	51025E	61	110	161	7	121	8	1.9	315	553	150	<1	67	<1	34	<1	137	86
98850	51050E	42	139	202	8	172	7	1	396	674	100	<1	81	<1	30	<1	76	107
98850	51075E	24	132	144	23	118	11	1	336	799	70	<1	63	<1	49	<1	24	98
98850	51100E	20	84	85	11	107	7	0.7	193	520	90	<1	37	<1	39	<1	33	58
98850	51125E	29	69	114	12	127	8	1.2	214	295	190	<1	45	<1	38	<1	39	59
98850	51150E	34	39	71	6	110	9	1.4	135	169	120	<1	28	<1	42	<1	32	35
98850	51175E	26	35	65	<5	88	6	1.2	118	259	380	<1	25	<1	50	<1	24	30
98850	51200E	36	47	87	13	88	7	1.6	157	240	790	<1	35	<1	64	<1	57	40
98850	51225E	15	128	122	<5	175	6	0.7	324	413	240	<1	57	<1	29	<1	23	97
98850	51250E	9	76	28	15	201	10	0.6	108	486	100	<1	16	<1	22	<1	15	42
98850	51275E	11	106	68	15	182	10	<0.5	205	541	190	<1	33	<1	23	<1	23	68
98850	51300E	13	124	50	<5	201	14	<0.5	183	599	70	<1	26	<1	22	<1	19	70
98850	51325E	10	68	40	6	175	10	0.7	135	488	30	<1	21	<1	24	<1	13	47
98850	51350E	12	54	30	6	196	8	0.5	96	433	40	<1	16	<1	17	<1	26	34
98850	51375E	19	23	40	6	141	<5	0.9	73	175	50	<1	15	<1	23	<1	20	19
98850	51400E	45	56	93	9	88	<5	1.2	177	269	80	<1	37	<1	45	<1	78	47
98850	51425E	15	169	124	13	155	7	0.5	344	680	50	<1	59	<1	31	<1	32	116
98850	51450E	10	158	113	14	194	7	0.7	342	657	50	<1	57	<1	43	<1	18	114
98850	51475E	56	8	18	7	148	579	3.5	40	5420	<10	<1	8	<1	57	4	10	9
98850	51500E	20	<1	<1	<5	149	1230	<0.5	2	164	10	<1	<1	<1	<5	1	<5	<1
98850	51525E																	
98850	51550E																	
L 98900N, Nonarr																		
98900	50850E	39	29	71	7	116	8	1.9	91	267	50	<1	25	<1	34	<1	45	24
98900	50875E	43	36	89	9	118	8	1.9	115	311	90	<1	33	<1	36	<1	52	31
98900	50900E	46	15	42	<5	110	14	1.7	51	222	70	<1	15	<1	49	<1	39	13
98900	50925E	34	28	50	<5	95	12	0.9	79	226	30	<1	21	<1	31	<1	26	23
98900	50950E	72	30	110	<5	56	16	3	105	262	130	2	31	<1	79	<1	165	25
98900	50975E	37	91	172	12	69	<5	1.4	243	376	120	<1	65	<1	41	<1	35	70
98900	51000E	30	140	135	12	187	<5	0.5	303	1010	60	<1	63	<1	18	<1	16	93
98900	51025E	26	189	221	30	158	8	0.7	429	1180	80	<1	102	<1	55	<1	24	133
98900	51050E	35	96	164	13	112	<5	1.3	284	421	40	<1	71	<1	43	<1	29	77

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98800	51500E	<1	3460	<1	22	<10	15	15	<0.5	27	1	652	58	480	60
98800	51525E	<1	9860	<1	7	<10	17	6	<0.5	158	1	176	23	50	19
98800	51550E														
L 98850N, Nonarr															
98850	50850E	<1	3220	<1	17	<10	23	59	<0.5	25	<1	492	45	1000	119
98850	50875E	<1	3350	<1	5	<10	13	41	<0.5	16	<1	133	10	890	95
98850	50900E	<1	3040	<1	12	<10	20	30	<0.5	12	<1	285	26	800	95
98850	50925E	<1	3540	<1	2	<10	4.3	28	<0.5	7	<1	38	3	4100	21
98850	50950E	<1	2980	<1	8	<10	11	27	<0.5	12	<1	189	17	1580	65
98850	50975E	<1	2530	<1	13	<10	22	75	<0.5	15	1	348	32	2970	130
98850	51000E	<1	2900	<1	2	<10	8.6	40	<0.5	6	<1	41	3	990	28
98850	51025E	<1	3600	<1	17	<10	30	82	<0.5	26	1	501	46	710	175
98850	51050E	<1	3120	<1	20	<10	27	48	<0.5	17	1	608	48	530	79
98850	51075E	<1	3690	<1	19	<10	31	25	<0.5	12	1	573	49	930	77
98850	51100E	<1	3170	<1	13	<10	13	23	<0.5	8	1	379	37	2700	62
98850	51125E	<1	3180	<1	10	<10	23	30	<0.5	15	<1	249	20	1600	96
98850	51150E	<1	2690	<1	6	<10	17	37	<0.5	11	<1	145	11	1310	82
98850	51175E	<1	2290	<1	5	<10	15	45	<0.5	12	<1	130	9	7450	65
98850	51200E	<1	2170	<1	7	<10	20	131	<0.5	17	<1	182	14	5300	132
98850	51225E	<1	3700	<1	18	<10	19	20	<0.5	28	1	491	36	680	103
98850	51250E	<1	4930	<1	11	<10	8	16	<0.5	28	<1	375	28	60	33
98850	51275E	<1	4350	<1	15	<10	22	6	<0.5	42	1	441	38	240	56
98850	51300E	<1	4350	<1	17	<10	5.8	10	<0.5	25	1	638	45	120	29
98850	51325E	<1	3760	<1	9	<10	15	18	<0.5	27	<1	263	18	170	48
98850	51350E	<1	3700	<1	9	<10	12	9	<0.5	31	1	233	23	150	54
98850	51375E	<1	3250	<1	3	<10	16	26	<0.5	11	<1	81	6	160	48
98850	51400E	<1	2370	<1	8	<10	22	53	<0.5	14	<1	226	17	560	102
98850	51425E	<1	3190	<1	25	<10	25	10	<0.5	37	3	703	59	110	85
98850	51450E	<1	4060	<1	22	<10	26	12	<0.5	37	1	653	47	90	67
98850	51475E	<1	3080	<1	1	<10	7	36	0.7	265	9	41	4	<20	15
98850	51500E	<1	3170	<1	<1	<10	<0.5	17	<0.5	498	1	<5	<1	80	<5
98850	51525E														
98850	51550E														
L 98900N, Nonarr															
98900	50850E	<1	2730	<1	6	<10	19	52	<0.5	16	1	138	9	300	77
98900	50875E	<1	2460	<1	8	<10	19	77	<0.5	19	<1	176	12	700	84
98900	50900E	<1	2010	<1	3	<10	20	72	<0.5	9	<1	67	5	850	78
98900	50925E	<1	2060	<1	6	<10	8	47	<0.5	14	<1	126	9	890	38
98900	50950E	<1	1360	<1	7	<10	36	359	<0.5	18	1	178	10	870	267
98900	50975E	<1	2400	<1	17	<10	17	70	<0.5	19	<1	403	27	900	101
98900	51000E	<1	3290	<1	25	<10	14	34	<0.5	20	<1	634	47	250	36
98900	51025E	<1	2690	<1	35	<10	23	26	<0.5	23	1	781	75	530	70
98900	51050E	<1	1840	<1	17	<10	28	45	<0.5	11	<1	424	27	210	76

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98900	51075E	8	100	<10	<0.1	3820	<1	370	12	749	67	<100	700	60	30.8	12.7
98900	51100E	13	31	<10	<0.1	2130	<1	600	15	277	102	<100	740	48	24.5	10.6
98900	51125E	9	50	<10	0.2	2380	<1	490	29	430	73	<100	1130	52	29.2	11.9
98900	51150E	7	31	<10	0.1	2100	<1	500	27	346	47	<100	1270	49	26.7	10.4
98900	51175E	21	10	<10	0.2	2460	<1	610	61	38	28	<100	2260	37	17.4	9.8
98900	51200E	16	17	<10	0.4	1950	<1	570	66	102	57	<100	3600	60	34.5	15.4
98900	51225E	20	24	<10	<0.1	2370	<1	680	61	387	68	<100	1540	115	58.2	25.2
98900	51250E	20	7	<10	0.6	1680	<1	750	71	20	15	<100	4580	20	10.4	4.8
98900	51275E	15	17	<10	0.3	2950	<1	610	33	321	83	<100	2000	145	76.7	28.5
98900	51300E	18	25	<10	0.2	3500	<1	490	13	267	37	<100	1460	201	115	41.5
98900	51325E	14	34	<10	0.2	2280	<1	440	5	268	19	<100	400	27	12.1	6.7
98900	51350E	17	13	<10	0.4	2380	<1	580	5	71	37	<100	1720	60	29.2	14
98900	51375E	9	24	<10	0.2	1750	<1	510	7	528	85	<100	2390	164	89.5	37.2
98900	51400E	13	7	<10	0.2	1580	<1	610	3	165	144	<100	1370	80	38.5	16.5
98900	51425E	<1	3	10	<0.1	490	<1	260	2	<5	57	<100	30	<1	<0.5	<0.5
98900	51450E	<1	2	40	<0.1	690	<1	270	2	<5	28	<100	20	<1	<0.5	<0.5
98900	51475E	<1	6	20	<0.1	630	<1	260	<1	<5	23	<100	10	<1	<0.5	<0.5
98900	51500E															
98900	51525E															
98900	51550E															
L 98950N, Noname																
98950	50850E	16	45	<10	0.2	2950	<1	650	8	524	85	<100	560	66	31.9	13
98950	50875E	14	76	<10	0.1	2450	<1	520	16	361	151	<100	330	18	8.9	3.8
98950	50900E	12	50	<10	<0.1	3000	<1	550	8	520	57	<100	520	23	11	5.1
98950	50925E	21	23	<10	0.1	2680	<1	600	11	188	25	<100	400	15	6.8	3.4
98950	50950E	22	22	<10	0.1	3750	<1	700	10	148	15	<100	560	15	6.8	3.9
98950	50975E	15	31	<10	<0.1	3240	<1	630	8	333	51	<100	660	48	23.6	10.4
98950	51000E	14	94	<10	0.5	3940	<1	440	6	1140	379	<100	660	104	56.2	22.2
98950	51025E	29	12	<10	0.8	3760	<1	1020	28	46	102	<100	2710	41	24.2	6.8
98950	51050E	15	64	<10	0.1	4080	<1	520	14	647	90	<100	2410	170	101	35.9
98950	51075E	34	17	<10	0.9	4100	<1	750	10	63	57	<100	2490	57	31.8	11
98950	51100E	18	14	<10	0.3	3800	<1	660	9	90	69	<100	900	46	23.7	9.8
98950	51125E	41	58	<10	<0.1	4390	<1	470	15	216	59	<100	360	25	12.2	5.8
98950	51150E	21	18	<10	<0.1	4650	<1	690	20	101	30	<100	490	23	11.1	5.1
98950	51175E	13	23	<10	0.3	2760	<1	510	13	36	7	<100	260	6	2.7	1.7
98950	51200E	13	12	<10	0.5	4380	<1	740	7	105	31	<100	520	33	15.9	7
98950	51225E	22	10	<10	0.3	4640	<1	820	12	107	87	<100	2470	112	62.3	21.1
98950	51250E	31	18	<10	1.4	4180	<1	940	9	100	58	<100	4400	137	85	25.8
98950	51275E	19	12	<10	0.5	3220	<1	960	21	51	59	<100	4690	45	24.7	9.5
98950	51300E	29	22	<10	0.5	5400	<1	650	11	169	47	<100	1930	113	62.2	23.9
98950	51325E	88	4	<10	4.4	2610	<1	700	5	<5	27	<100	2300	2	1.1	<0.5
98950	51350E	<1	<1	<10	<0.1	460	<1	290	20	<5	50	<100	700	<1	0.6	<0.5
98950	51375E	9	4	<10	0.1	210	<1	610	<1	<5	<5	<100	90	8	5.7	0.7
98950	51400E	<1	1	10	<0.1	250	<1	200	<1	<5	34	<100	60	<1	<0.5	<0.5

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98900	51075E	52	65	145	13	93	12	2.3	191	476	110	2	53	<1	80	<1	145	51
98900	51100E	29	56	82	7	112	<5	1.3	135	537	100	<1	34	<1	28	<1	23	41
98900	51125E	63	61	118	<5	111	8	2.3	181	602	100	<1	48	<1	31	<1	58	48
98900	51150E	49	57	104	<5	128	7	1	149	591	140	<1	39	<1	18	<1	29	41
98900	51175E	17	53	40	<5	108	13	0.7	103	291	120	<1	21	<1	41	<1	11	36
98900	51200E	21	80	77	6	140	8	<0.5	170	502	380	<1	35	<1	24	<1	13	54
98900	51225E	23	140	157	10	159	11	0.7	312	550	250	<1	74	<1	38	<1	20	98
98900	51250E	16	26	13	<5	130	23	<0.5	40	285	140	<1	8	<1	15	<1	9	16
98900	51275E	18	165	131	10	145	7	0.8	322	567	300	<1	66	<1	31	<1	22	109
98900	51300E	19	236	191	12	149	6	0.7	447	566	80	<1	96	<1	48	<1	26	156
98900	51325E	30	32	60	<5	154	<5	1.3	93	164	50	<1	24	<1	34	<1	24	26
98900	51350E	15	78	57	<5	105	11	0.8	143	329	30	<1	29	<1	41	<1	12	50
98900	51375E	21	205	190	14	195	21	0.8	443	1120	50	<1	98	<1	33	<1	18	142
98900	51400E	11	94	64	18	345	18	0.5	169	490	40	<1	34	<1	26	<1	10	64
98900	51425E	109	<1	<1	<5	102	435	<0.5	1	271	<10	<1	<1	<1	5	7	<5	<1
98900	51450E	48	<1	<1	<5	78	910	<0.5	<1	180	<10	<1	<1	<1	5	1	6	<1
98900	51475E	42	<1	<1	<5	83	303	<0.5	<1	173	<10	<1	<1	<1	7	1	<5	<1
98900	51500E																	
98900	51525E																	
98900	51550E																	
L 98950N, Nonarr																		
98950	50850E	25	69	118	<5	126	5	1	196	404	90	<1	42	<1	39	<1	56	53
98950	50875E	47	18	40	6	78	16	3.1	59	277	130	<1	13	<1	50	<1	73	14
98950	50900E	30	26	54	<5	80	11	1.4	82	252	70	<1	19	<1	49	<1	64	21
98950	50925E	31	18	30	<5	88	11	1.3	52	200	50	<1	11	<1	39	<1	30	13
98950	50950E	23	18	38	<5	107	10	1.5	56	174	40	<1	12	<1	21	<1	21	14
98950	50975E	20	57	79	<5	97	7	1	155	275	70	<1	31	<1	39	<1	27	43
98950	51000E	53	112	235	11	131	8	2.1	373	523	170	<1	82	<1	70	<1	202	94
98950	51025E	6	41	7	13	119	12	0.7	43	1090	40	<1	5	<1	24	<1	10	20
98950	51050E	46	192	243	10	95	6	1.5	539	1190	100	<1	105	<1	67	<1	104	146
98950	51075E	12	65	33	7	149	9	1	113	447	40	<1	17	<1	30	<1	17	37
98950	51100E	13	57	45	<5	129	8	1.1	123	401	60	<1	21	<1	19	<1	18	38
98950	51125E	48	29	54	<5	87	5	2.7	89	173	130	<1	19	<1	47	<1	58	24
98950	51150E	13	26	29	<5	130	6	0.7	62	182	150	<1	12	<1	31	<1	22	19
98950	51175E	16	8	10	<5	112	7	0.8	19	106	30	<1	4	<1	41	<1	17	5
98950	51200E	10	39	32	<5	144	5	<0.5	84	193	40	<1	15	<1	23	<1	23	26
98950	51225E	5	127	52	5	177	7	0.5	186	558	60	<1	27	<1	25	<1	18	73
98950	51250E	9	151	58	11	178	<5	<0.5	217	741	40	<1	31	<1	15	<1	23	81
98950	51275E	8	55	24	<5	97	14	0.6	92	561	30	<1	14	<1	16	<1	11	33
98950	51300E	13	135	110	9	110	8	1.3	298	448	50	<1	49	<1	51	<1	27	92
98950	51325E	2	2	<1	6	396	<5	<0.5	<1	80	60	<1	<1	<1	12	<1	<5	<1
98950	51350E	15	<1	<1	<5	97	458	<0.5	<1	348	30	<1	<1	<1	8	9	<5	<1
98950	51375E	4	6	<1	<5	163	26	<0.5	<1	251	<10	<1	<1	<1	111	<1	6	1
98950	51400E	39	<1	<1	<5	68	124	<0.5	<1	400	<10	<1	<1	<1	6	1	5	<1

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98900	51075E	<1	1950	<1	13	<10	27	104	<0.5	19	<1	308	24	1300	222
98900	51100E	<1	2070	<1	11	<10	17	68	<0.5	17	<1	260	19	1060	80
98900	51125E	<1	1800	<1	11	<10	24	85	<0.5	18	1	318	25	1740	127
98900	51150E	<1	1890	<1	11	<10	15	40	<0.5	17	<1	282	21	1240	62
98900	51175E	<1	2100	<1	9	<10	6.7	27	<0.5	17	<1	239	11	1540	23
98900	51200E	<1	2650	<1	14	<10	17	22	<0.5	21	<1	430	25	2510	26
98900	51225E	<1	2770	<1	26	<10	27	23	<0.5	33	<1	510	42	2180	62
98900	51250E	<1	2570	<1	4	<10	3.7	17	<0.5	21	<1	138	8	870	15
98900	51275E	<1	2810	<1	31	<10	27	17	<0.5	61	<1	619	55	470	75
98900	51300E	<1	2350	<1	43	<10	18	16	<0.5	49	1	887	86	320	83
98900	51325E	<1	2180	<1	6	<10	15	36	<0.5	23	<1	127	9	280	101
98900	51350E	<1	2870	<1	13	<10	9.9	22	<0.5	47	<1	347	20	40	38
98900	51375E	<1	2570	<1	37	<10	39	18	<0.5	77	1	733	67	30	71
98900	51400E	<1	3620	<1	18	<10	14	12	<0.5	57	<1	385	28	30	36
98900	51425E	<1	1620	<1	<1	<10	<0.5	16	<0.5	339	2	<5	<1	<20	<5
98900	51450E	<1	1490	<1	<1	<10	<0.5	17	<0.5	527	1	<5	<1	<20	<5
98900	51475E	<1	1440	<1	<1	<10	<0.5	49	<0.5	308	<1	<5	<1	<20	<5
98900	51500E														
98900	51525E														
98900	51550E														
L 98950N, Nonam															
98950	50850E	<1	3720	<1	11	<10	22	28	1.7	21	<1	248	24	280	87
98950	50875E	<1	2710	<1	3	<10	29	135	1	10	<1	75	7	1340	109
98950	50900E	<1	2750	<1	4	<10	21	49	0.8	13	<1	89	8	730	112
98950	50925E	<1	2600	<1	3	<10	13	32	0.6	8	<1	59	5	730	53
98950	50950E	<1	3410	<1	3	<10	14	23	<0.5	11	<1	67	4	450	42
98950	50975E	<1	2970	<1	8	<10	13	25	<0.5	13	<1	195	17	570	56
98950	51000E	<1	2830	<1	17	<10	53	106	<0.5	24	1	466	44	420	240
98950	51025E	<1	3860	<1	6	<10	7.5	13	<0.5	7	4	185	18	140	17
98950	51050E	<1	2780	<1	28	<10	39	43	<0.5	22	1	820	83	830	199
98950	51075E	<1	3300	<1	9	<10	13	16	<0.5	14	<1	287	23	290	48
98950	51100E	<1	2850	<1	8	<10	15	23	<0.5	16	<1	214	17	310	52
98950	51125E	<1	2070	<1	4	<10	21	127	<0.5	12	<1	111	10	1060	135
98950	51150E	<1	3380	<1	4	<10	11	23	<0.5	12	<1	89	8	1160	42
98950	51175E	<1	2290	<1	1	<10	7.2	25	<0.5	8	<1	28	2	1380	28
98950	51200E	<1	4460	<1	6	<10	21	10	<0.5	19	<1	132	11	220	44
98950	51225E	<1	4610	<1	18	<10	18	10	<0.5	32	<1	529	43	40	36
98950	51250E	<1	4270	<1	21	<10	13	10	<0.5	26	<1	701	60	60	40
98950	51275E	<1	4040	<1	8	<10	15	8	<0.5	14	1	212	18	60	28
98950	51300E	<1	3210	<1	19	<10	23	20	<0.5	41	<1	547	46	340	92
98950	51325E	<1	7170	<1	<1	<10	0.9	4	<0.5	<1	1	8	1	<20	<5
98950	51350E	<1	2330	<1	<1	<10	<0.5	5	<0.5	262	1	<5	<1	240	<5
98950	51375E	<1	3370	<1	1	<10	2	4	<0.5	17	<1	41	5	<20	6
98950	51400E	<1	1260	<1	<1	<10	<0.5	11	<0.5	180	4	<5	<1	<20	<5

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98950	51425E	<1	2	<10	<0.1	760	<1	430	<1	<5	8	<100	10	<1	<0.5	<0.5
98950	51450E	<1	<1	<10	<0.1	430	<1	320	<1	<5	20	<100	30	<1	<0.5	<0.5
98950	51475E	<1	<1	<10	<0.1	400	<1	270	<1	<5	67	<100	170	<1	<0.5	<0.5
98950	51500E	<1	5	<10	0.1	870	<1	540	<1	29	79	<100	6000	7	5	1.6
98950	51525E	<1	5	<10	<0.1	710	<1	430	2	32	22	<100	1860	7	5	1.8
98950	51550E	<1	<1	<10	<0.1	360	<1	270	<1	<5	61	<100	<10	<1	<0.5	<0.5
L 99000N, Noname																
99000	50850E	13	43	<10	<0.1	1960	<1	410	6	499	57	<100	490	30	13.7	7.5
99000	50875E	10	34	<10	0.1	1980	<1	400	6	485	74	<100	500	53	25.8	12.3
99000	50900E	10	92	<10	<0.1	2040	<1	340	9	693	204	<100	500	52	27.1	12
99000	50925E	11	78	<10	0.2	1500	<1	310	7	364	33	<100	710	34	17	8.3
99000	50950E	10	47	<10	<0.1	2020	<1	420	13	306	84	<100	520	52	28.8	10.4
99000	50975E	11	33	<10	0.2	2490	<1	410	6	703	115	<100	800	81	40.4	19.3
99000	51000E	4	44	<10	<0.1	2680	<1	410	8	473	51	<100	280	39	18.8	9.2
99000	51025E	7	22	<10	<0.1	1290	<1	590	25	33	11	<100	170	11	5.4	2.5
99000	51050E	3	42	<10	<0.1	2320	<1	400	18	424	56	<100	370	81	43	17.8
99000	51075E	8	29	<10	<0.1	2500	<1	420	29	148	17	<100	280	45	21.1	11.1
99000	51100E	13	12	<10	0.3	2930	<1	490	20	217	75	<100	1570	149	78	32.4
99000	51125E	13	24	<10	0.1	2560	<1	510	23	87	43	<100	990	62	30.5	13.3
99000	51150E	25	32	<10	<0.1	2530	<1	380	14	424	16	<100	380	53	23.8	13.2
99000	51175E	16	48	<10	<0.1	2210	<1	460	14	731	28	<100	680	47	21.1	10.4
99000	51200E	11	42	<10	<0.1	2200	<1	440	11	495	32	<100	390	37	16.4	8.8
99000	51225E	10	29	<10	0.2	2210	<1	540	11	375	34	<100	1320	184	110	30.6
99000	51250E	10	26	<10	0.2	2060	<1	630	20	251	42	<100	2300	127	75.2	27.9
99000	51275E	33	5	<10	0.7	660	<1	400	10	21	29	<100	2150	8	5.4	1.6
99000	51300E	<1	<1	20	<0.1	120	<1	270	2	<5	28	<100	20	<1	<0.5	<0.5
99000	51325E	<1	6	20	<0.1	630	<1	260	6	7	24	<100	140	1	1.5	<0.5
99000	51350E	<1	8	20	<0.1	970	<1	270	12	<5	54	<100	280	2	1.7	0.6
99000	51375E	<1	2	10	<0.1	640	<1	260	5	<5	14	<100	80	<1	0.7	<0.5
99000	51400E															
99000	51425E															
99000	51450E															
99000	51475E	<1	<1	<10	<0.1	410	<1	210	1	<5	32	<100	280	<1	<0.5	<0.5
99000	51500E	<1	1	<10	<0.1	420	<1	240	3	<5	33	<100	200	<1	<0.5	<0.5
99000	51525E	<1	2	<10	<0.1	540	<1	390	2	23	6	<100	50	3	2.1	1
99000	51550E	<1	2	<10	<0.1	490	<1	390	3	19	5	<100	20	3	1.8	0.8
L 99050N, Noname																
99050	50850E	3	55	<10	0.2	2280	<1	490	21	473	51	<100	1120	114	75.5	20.1
99050	50875E	9	106	<10	<0.1	1800	<1	310	14	681	120	<100	810	73	40.1	15.4
99050	50900E	22	14	<10	<0.1	1310	<1	470	23	153	92	<100	300	24	13.5	4.5
99050	50925E	26	17	<10	0.2	440	<1	550	14	389	483	<100	2690	21	10.6	5.4
99050	50950E	5	64	<10	<0.1	1770	<1	380	26	696	155	<100	1230	60	37.7	13.9
99050	50975E	4	30	<10	<0.1	1690	<1	470	22	167	35	<100	690	35	21.7	6.7
99050	51000E	8	54	<10	<0.1	1060	<1	370	31	386	23	<100	300	16	7.8	4

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98950	51425E	56	<1	<1	<5	71	235	<0.5	<1	191	<10	<1	<1	<1	7	<1	7	<1
98950	51450E	22	<1	<1	<5	69	124	<0.5	<1	169	<10	<1	<1	<1	6	1	5	<1
98950	51475E	33	<1	<1	<5	58	39	<0.5	<1	312	<10	<1	<1	<1	8	1	5	<1
98950	51500E	55	8	10	<5	94	43	0.7	23	920	50	<1	4	<1	6	4	19	5
98950	51525E	77	9	12	<5	69	45	0.9	27	668	20	<1	5	<1	19	2	12	6
98950	51550E	30	<1	<1	<5	56	31	<0.5	<1	345	<10	<1	<1	<1	11	1	5	<1
L 99000N, Nonarr																		
99000	50850E	32	36	85	13	105	<5	2.5	121	178	80	<1	33	<1	43	<1	25	31
99000	50875E	29	62	136	9	110	5	1.5	195	330	60	<1	53	<1	38	<1	32	53
99000	50900E	54	59	148	18	103	6	3.6	202	326	100	2	57	<1	51	<1	94	51
99000	50925E	43	40	74	7	97	6	1.8	124	247	50	<1	32	<1	57	<1	50	34
99000	50950E	27	56	90	9	169	<5	0.8	144	523	80	<1	37	<1	35	<1	33	42
99000	50975E	31	101	196	11	169	10	2	301	383	60	1	78	<1	68	<1	37	80
99000	51000E	34	44	97	10	122	8	2.3	135	258	100	<1	37	<1	52	<1	34	36
99000	51025E	22	12	9	11	59	6	0.8	23	215	50	<1	5	<1	47	<1	13	9
99000	51050E	30	93	172	13	128	<5	1.6	264	319	180	1	72	<1	35	<1	33	72
99000	51075E	24	58	78	5	147	7	0.9	142	227	200	<1	34	<1	17	<1	14	43
99000	51100E	16	179	136	14	167	9	<0.5	333	540	100	<1	68	<1	24	<1	18	116
99000	51125E	20	72	69	5	166	6	0.8	150	373	160	<1	33	<1	15	<1	12	49
99000	51150E	26	70	124	9	103	<5	1	211	190	130	<1	53	<1	39	<1	23	57
99000	51175E	31	52	101	14	101	<5	0.8	159	297	150	<1	43	<1	37	<1	20	44
99000	51200E	27	44	82	10	120	8	0.9	130	235	90	<1	33	<1	27	<1	23	37
99000	51225E	24	190	150	20	164	11	<0.5	367	540	80	<1	76	<1	23	<1	19	123
99000	51250E	21	146	119	15	160	5	<0.5	291	551	70	<1	61	<1	28	<1	14	96
99000	51275E	13	8	2	6	66	<5	<0.5	8	146	20	<1	1	<1	14	<1	<5	4
99000	51300E	24	<1	<1	7	112	149	<0.5	<1	62	<10	<1	<1	<1	<5	<1	<5	<1
99000	51325E	33	2	2	<5	69	34	<0.5	4	849	<10	<1	<1	<1	12	<1	<5	<1
99000	51350E	36	2	1	<5	72	40	0.5	4	2020	<10	<1	<1	<1	11	<1	<5	1
99000	51375E	33	<1	<1	<5	70	37	<0.5	1	1100	<10	<1	<1	<1	15	<1	<5	<1
99000	51400E																	
99000	51425E																	
99000	51450E																	
99000	51475E	34	<1	<1	<5	53	44	<0.5	<1	171	20	<1	<1	<1	10	1	5	<1
99000	51500E	39	<1	<1	<5	57	35	<0.5	<1	120	40	<1	<1	<1	9	<1	<5	<1
99000	51525E	44	4	5	9	116	14	<0.5	11	532	<10	<1	3	<1	36	<1	5	3
99000	51550E	31	4	3	6	119	23	<0.5	8	179	<10	<1	2	<1	32	<1	5	3
L 99050N, Nonarr																		
99050	50850E	36	115	129	14	167	16	0.7	256	594	90	<1	62	<1	21	<1	51	77
99050	50875E	52	76	137	14	123	15	1.3	218	501	110	1	59	<1	56	<1	131	60
99050	50900E	16	25	22	8	362	38	0.7	45	280	50	<1	11	<1	17	<1	10	16
99050	50925E	20	29	67	17	353	29	2	103	815	20	<1	28	<1	35	<1	10	25
99050	50950E	31	69	142	17	178	18	1.6	231	845	110	<1	63	<1	34	<1	41	59
99050	50975E	23	37	43	5	171	16	1	86	432	80	<1	20	<1	36	<1	20	26
99050	51000E	31	20	40	<5	139	30	1.3	56	178	110	<1	16	<1	46	<1	22	16

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98950	51425E	<1	1820	<1	<1	<10	<0.5	24	<0.5	113	<1	<5	<1	<20	<5
98950	51450E	<1	1290	<1	<1	<10	<0.5	5	<0.5	45	<1	<5	<1	<20	<5
98950	51475E	<1	1070	<1	<1	<10	<0.5	9	<0.5	30	<1	<5	<1	120	<5
98950	51500E	<1	2190	<1	1	<10	7.4	21	<0.5	102	<1	41	5	<20	21
98950	51525E	<1	1450	<1	1	<10	3.5	30	<0.5	288	2	54	5	<20	17
98950	51550E	<1	1010	<1	<1	<10	<0.5	11	<0.5	45	<1	<5	<1	<20	<5
L 99000N, Nonarr															
99000	50850E	<1	2020	<1	7	<10	24	75	<0.5	33	<1	135	11	830	94
99000	50875E	<1	2250	<1	12	<10	24	56	<0.5	24	<1	238	19	450	104
99000	50900E	<1	1870	<1	12	<10	35	160	<0.5	31	<1	241	22	1140	211
99000	50925E	<1	2010	<1	8	<10	16	78	<0.5	9	<1	166	13	450	101
99000	50950E	<1	2500	<1	11	<10	13	45	<0.5	22	<1	238	24	820	72
99000	50975E	<1	2760	<1	19	<10	39	48	<0.5	33	<1	387	32	370	145
99000	51000E	<1	2130	<1	9	<10	21	73	<0.5	23	<1	171	15	660	115
99000	51025E	<1	2600	<1	2	<10	4	50	<0.5	6	<1	57	4	1350	13
99000	51050E	<1	2070	<1	18	<10	22	61	<0.5	31	<1	379	35	770	108
99000	51075E	<1	2190	<1	10	<10	11	40	<0.5	20	<1	218	14	1030	44
99000	51100E	<1	2670	<1	32	<10	25	11	<0.5	38	2	579	53	100	41
99000	51125E	<1	2640	<1	13	<10	11	26	<0.5	24	<1	297	21	500	40
99000	51150E	<1	2010	<1	13	<10	27	39	<0.5	25	<1	251	17	920	70
99000	51175E	<1	2280	<1	11	<10	26	29	<0.5	31	<1	175	16	350	69
99000	51200E	<1	2100	<1	9	<10	22	41	<0.5	21	<1	151	12	420	61
99000	51225E	<1	2860	<1	37	<10	26	17	<0.5	48	1	722	84	180	67
99000	51250E	<1	3240	<1	28	<10	23	19	<0.5	42	<1	542	55	220	39
99000	51275E	<1	1070	<1	2	<10	3.1	9	<0.5	2	<1	55	6	40	15
99000	51300E	<1	2050	<1	<1	<10	<0.5	<3	<0.5	79	<1	<5	<1	<20	<5
99000	51325E	<1	1120	<1	<1	<10	<0.5	<3	<0.5	148	6	19	2	<20	<5
99000	51350E	<1	1140	<1	<1	<10	<0.5	6	0.6	173	14	21	2	<20	6
99000	51375E	<1	1140	<1	<1	<10	<0.5	<3	<0.5	85	5	8	<1	<20	<5
99000	51400E														
99000	51425E														
99000	51450E														
99000	51475E	<1	910	<1	<1	<10	<0.5	<3	<0.5	41	<1	<5	<1	30	<5
99000	51500E	<1	960	<1	<1	<10	<0.5	<3	<0.5	25	<1	<5	<1	90	<5
99000	51525E	<1	1800	<1	<1	<10	0.9	<3	<0.5	17	<1	22	2	<20	<5
99000	51550E	<1	1840	<1	<1	<10	0.8	<3	<0.5	21	<1	19	2	<20	<5
L 99050N, Nonarr															
99050	50850E	<1	2740	<1	23	<10	14	18	<0.5	32	<1	511	64	1170	66
99050	50875E	<1	1900	<1	16	<10	32	108	<0.5	48	<1	379	32	1530	122
99050	50900E	<1	3030	<1	5	<10	14	11	<0.5	61	<1	117	10	1220	19
99050	50925E	<1	3050	<1	5	<10	28	27	<0.5	77	<1	116	9	80	62
99050	50950E	<1	2340	<1	13	<10	36	44	<0.5	133	<1	350	33	830	94
99050	50975E	<1	2580	<1	7	<10	11	36	<0.5	56	<1	196	18	1780	34
99050	51000E	<1	1660	<1	4	<10	11	71	<0.5	19	<1	79	6	2000	27

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99050	51025E	25	26	<10	<0.1	1970	<1	430	25	159	33	<100	720	20	8.8	5
99050	51050E	7	27	<10	<0.1	1620	<1	420	51	322	89	<100	430	30	14.8	7.3
99050	51075E	11	70	<10	<0.1	2080	<1	470	26	769	30	<100	480	53	25.8	10.4
99050	51100E	18	41	<10	<0.1	2030	<1	580	12	531	44	<100	1120	129	72.7	23.5
99050	51125E	<1	40	<10	<0.1	2070	<1	380	79	218	72	<100	250	26	16.3	4.9
99050	51150E	9	24	<10	<0.1	1770	<1	550	33	506	58	<100	1590	177	96.4	31.9
99050	51175E	9	27	<10	<0.1	2410	<1	490	47	480	83	<100	1170	148	79.1	28.4
99050	51200E	22	21	<10	<0.1	2610	<1	580	39	403	100	<100	1800	141	79.9	26.9
99050	51225E	7	29	<10	<0.1	2260	<1	500	44	428	101	<100	770	134	77	24.4
99050	51250E	1	69	<10	<0.1	1860	<1	480	103	410	163	<100	610	47	33	8.4
99050	51275E	<1	2	10	<0.1	410	<1	310	<1	15	226	<100	320	2	2	0.6
99050	51300E															
99050	51325E	<1	2	<10	<0.1	470	<1	290	1	<5	18	<100	220	<1	<0.5	<0.5
99050	51350E	11	4	<10	0.4	1360	<1	480	2	144	59	<100	3920	68	35.9	15.9
99050	51375E	<1	2	<10	<0.1	350	<1	240	1	<5	71	<100	80	<1	0.6	<0.5
99050	51400E	<1	2	10	<0.1	330	<1	220	1	<5	71	<100	120	<1	<0.5	<0.5
99050	51425E	<1	10	<10	<0.1	630	<1	320	2	13	35	<100	280	4	3.5	1
99050	51450E	<1	8	<10	<0.1	590	<1	300	2	10	27	<100	300	4	3.3	0.8
99050	51475E	<1	6	<10	<0.1	440	<1	260	6	6	38	<100	230	2	2.1	0.5
99050	51500E	<1	6	<10	<0.1	450	<1	270	5	8	42	<100	410	2	1.9	0.6
99050	51525E	<1	5	<10	<0.1	440	<1	270	5	5	31	<100	180	2	1.6	<0.5
99050	51550E	<1	13	20	<0.1	870	<1	280	12	103	77	<100	3890	23	18	5.1
L 99100N, Noname																
99100	50850E	4	73	<10	<0.1	2320	<1	320	8	1080	65	<100	360	120	61.2	28
99100	50875E	5	12	<10	<0.1	1420	<1	540	14	31	11	<100	300	13	6.3	3.7
99100	50900E	<1	20	<10	<0.1	1080	<1	470	11	143	12	<100	750	41	23.3	9.9
99100	50925E	22	15	<10	1.7	1820	<1	600	16	75	43	<100	2810	42	22.9	9.4
99100	50950E	14	25	<10	0.4	2950	<1	480	12	286	118	<100	960	80	43.7	17.7
99100	50975E	14	59	<10	<0.1	2870	<1	390	26	812	56	<100	990	181	110	36.7
99100	51000E	11	76	<10	<0.1	2210	<1	330	22	594	66	<100	940	163	90.8	31.5
99100	51025E	29	31	<10	0.2	2270	<1	610	29	225	72	<100	1620	115	73.2	22.7
99100	51050E	10	22	<10	<0.1	2180	<1	460	33	187	36	<100	490	62	34.2	12.6
99100	51075E	8	17	<10	0.1	1870	<1	460	6	377	19	<100	250	41	17.5	9.2
99100	51100E	4	28	<10	<0.1	2220	<1	330	5	500	14	<100	220	80	34.9	18.2
99100	51125E	<1	9	<10	<0.1	1440	<1	660	14	22	7	<100	320	35	19.9	5.7
99100	51150E	24	22	<10	0.2	2660	<1	660	22	322	87	<100	2900	160	95.7	27.8
99100	51175E	10	51	<10	<0.1	1870	<1	390	97	511	14	<100	620	71	38.7	15.9
99100	51200E	25	44	<10	0.1	2400	<1	630	13	353	20	<100	990	99	52.5	18.8
99100	51225E	6	9	<10	<0.1	1320	<1	510	19	36	33	<100	980	19	9.3	4.8
99100	51250E	<1	<1	20	<0.1	470	<1	250	<1	<5	45	<100	20	<1	<0.5	<0.5
99100	51275E	2	3	<10	<0.1	510	<1	340	2	22	66	<100	960	7	4	1.7
99100	51300E	4	3	<10	<0.1	720	<1	390	6	48	61	<100	630	6	3	1.6
99100	51325E	1	3	<10	<0.1	1010	<1	350	<1	6	11	<100	200	4	2.1	1
99100	51350E	<1	7	<10	<0.1	340	<1	250	5	<5	<5	<100	10	<1	<0.5	<0.5

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99050	51025E	25	24	38	<5	132	18	1.1	63	205	50	<1	16	<1	19	<1	13	19
99050	51050E	25	39	72	<5	134	27	1	123	402	50	<1	33	<1	20	<1	15	33
99050	51075E	36	57	105	11	88	13	0.9	158	382	150	<1	44	<1	48	<1	52	44
99050	51100E	27	147	171	9	138	16	0.7	341	390	80	<1	81	<1	28	<1	20	105
99050	51125E	26	28	50	5	140	13	0.8	84	155	120	<1	23	<1	29	<1	44	23
99050	51150E	23	212	175	11	144	7	<0.5	441	662	80	<1	98	<1	28	<1	10	149
99050	51175E	22	174	198	10	113	8	0.6	427	611	110	<1	100	<1	44	<1	13	132
99050	51200E	19	164	143	11	147	15	0.7	333	639	170	<1	73	<1	33	<1	13	106
99050	51225E	22	143	153	16	154	15	0.5	316	701	260	<1	76	<1	33	<1	14	101
99050	51250E	37	44	59	11	130	7	<0.5	118	317	240	<1	30	<1	38	<1	41	35
99050	51275E	29	3	4	<5	135	59	1.1	9	1290	<10	<1	2	<1	26	2	<5	2
99050	51300E																	
99050	51325E	72	<1	<1	<5	47	144	<0.5	<1	251	<10	<1	<1	<1	<5	2	<5	<1
99050	51350E	12	84	56	12	180	9	<0.5	156	450	<10	<1	31	<1	55	<1	5	58
99050	51375E	32	<1	<1	<5	65	55	<0.5	<1	299	<10	<1	<1	<1	10	<1	<5	<1
99050	51400E	31	<1	<1	<5	61	58	<0.5	<1	313	20	<1	<1	<1	9	<1	<5	<1
99050	51425E	55	4	3	<5	71	188	0.6	8	588	20	<1	2	<1	<5	4	<5	3
99050	51450E	58	4	3	<5	68	146	0.6	7	543	10	<1	1	<1	<5	3	<5	2
99050	51475E	80	2	2	<5	66	175	0.5	4	813	10	<1	<1	<1	9	4	<5	1
99050	51500E	80	2	2	<5	67	176	0.6	6	953	<10	<1	1	<1	8	5	<5	2
99050	51525E	72	2	2	<5	69	156	<0.5	4	778	10	<1	<1	<1	9	3	<5	1
99050	51550E	82	24	36	7	84	45	2.3	76	1440	60	<1	18	<1	7	20	23	20
L 99100N, Nonarr																		
99100	50850E	36	144	312	22	120	10	1.3	451	338	110	1	120	<1	53	<1	73	118
99100	50875E	19	17	13	<5	139	24	0.8	32	227	30	<1	7	<1	21	<1	8	11
99100	50900E	37	52	60	<5	105	16	1.6	130	88	40	<1	29	<1	29	<1	14	37
99100	50925E	24	48	35	<5	142	26	1.2	91	398	30	<1	19	<1	22	<1	11	30
99100	50950E	27	95	104	6	160	8	1.7	214	554	70	<1	49	<1	32	<1	18	66
99100	50975E	36	203	321	14	132	15	2.4	576	735	130	2	143	<1	44	<1	64	159
99100	51000E	34	173	222	37	154	<5	0.9	429	642	180	1	104	<1	25	<1	65	132
99100	51025E	24	125	103	32	190	13	0.6	258	682	90	<1	56	<1	26	<1	14	84
99100	51050E	19	72	76	7	148	14	<0.5	166	340	60	<1	38	<1	41	<1	13	52
99100	51075E	20	50	77	15	223	14	0.6	141	167	50	<1	35	<1	22	<1	12	42
99100	51100E	21	106	153	15	107	9	0.9	303	194	40	<1	73	<1	29	<1	22	87
99100	51125E	17	37	12	<5	61	5	<0.5	46	114	20	<1	8	<1	13	<1	7	19
99100	51150E	20	180	115	19	228	7	<0.5	315	597	160	<1	63	<1	21	<1	9	111
99100	51175E	34	82	112	11	160	20	0.7	221	404	100	<1	53	<1	53	<1	24	63
99100	51200E	22	99	137	28	237	<5	<0.5	237	465	320	<1	57	<1	30	<1	13	72
99100	51225E	16	25	22	<5	182	60	0.5	53	338	100	<1	11	<1	30	<1	7	18
99100	51250E	43	<1	<1	5	74	267	<0.5	<1	153	<10	<1	<1	<1	<5	3	<5	<1
99100	51275E	17	10	7	8	112	20	0.6	21	358	10	<1	4	<1	85	<1	5	7
99100	51300E	17	9	6	9	86	45	1	19	375	20	<1	4	<1	66	<1	5	6
99100	51325E	9	4	1	11	164	12	<0.5	5	104	10	<1	<1	<1	43	<1	5	2
99100	51350E	7	<1	<1	30	315	7	<0.5	<1	82	<10	<1	<1	<1	157	<1	<5	<1

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99050	51025E	<1	1950	<1	5	<10	8.1	43	<0.5	16	<1	96	6	1870	45
99050	51050E	<1	1950	<1	7	<10	17	64	<0.5	20	<1	144	11	3250	40
99050	51075E	<1	2200	<1	12	<10	20	49	<0.5	21	<1	248	20	1420	55
99050	51100E	<1	2710	<1	27	<10	24	15	<0.5	46	<1	539	56	560	61
99050	51125E	<1	2420	<1	6	<10	10	74	<0.5	32	<1	126	14	5280	35
99050	51150E	<1	3110	<1	38	<10	36	20	<0.5	32	1	745	71	390	35
99050	51175E	<1	2400	<1	33	<10	26	24	<0.5	37	1	578	60	2070	55
99050	51200E	<1	3050	<1	30	<10	32	19	<0.5	48	<1	580	58	580	44
99050	51225E	<1	2870	<1	27	<10	22	20	<0.5	39	1	525	59	1720	54
99050	51250E	<1	3690	<1	9	<10	18	24	<0.5	30	<1	257	33	5510	46
99050	51275E	<1	2240	<1	<1	<10	1.7	14	<0.5	46	<1	18	2	<20	8
99050	51300E														
99050	51325E	<1	1080	<1	<1	<10	<0.5	11	<0.5	23	2	<5	<1	<20	<5
99050	51350E	<1	1970	<1	15	<10	6.9	5	<0.5	22	<1	377	29	<20	24
99050	51375E	<1	970	<1	<1	<10	<0.5	<3	<0.5	124	<1	<5	<1	<20	<5
99050	51400E	<1	880	<1	<1	<10	<0.5	<3	<0.5	94	<1	<5	<1	<20	<5
99050	51425E	<1	1370	<1	<1	<10	<0.5	32	<0.5	351	1	33	4	<20	11
99050	51450E	<1	1320	<1	<1	<10	<0.5	46	<0.5	309	1	30	3	<20	11
99050	51475E	<1	1100	<1	<1	<10	<0.5	21	<0.5	763	3	18	2	<20	9
99050	51500E	<1	1110	<1	<1	<10	<0.5	13	<0.5	593	2	18	2	<20	10
99050	51525E	<1	1150	<1	<1	<10	<0.5	9	<0.5	489	2	15	2	<20	8
99050	51550E	<1	1290	<1	5	<10	5.3	50	<0.5	644	3	172	19	<20	65
L 99100N, Nonarr															
99100	50850E	<1	2120	<1	28	<10	29	48	<0.5	38	<1	436	45	340	124
99100	50875E	<1	2520	<1	3	<10	5.4	28	<0.5	18	<1	66	5	270	19
99100	50900E	<1	1870	<1	9	<10	17	31	<0.5	26	1	227	19	220	51
99100	50925E	<1	2750	<1	9	<10	11	22	<0.5	41	1	212	17	260	37
99100	50950E	<1	2690	<1	18	<10	16	33	<0.5	25	<1	380	34	650	80
99100	50975E	<1	2180	<1	39	<10	39	75	<0.5	45	1	721	90	810	189
99100	51000E	<1	1980	<1	35	<10	18	53	<0.5	45	<1	601	75	1030	109
99100	51025E	<1	2670	<1	24	<10	16	24	<0.5	36	<1	470	60	930	43
99100	51050E	<1	3260	<1	14	<10	19	19	<0.5	23	<1	285	25	2030	24
99100	51075E	<1	3750	<1	10	<10	43	13	<0.5	32	<1	158	13	90	42
99100	51100E	<1	2720	<1	19	<10	30	34	<0.5	41	<1	341	25	230	65
99100	51125E	<1	2600	<1	7	<10	6.9	11	<0.5	21	<1	189	15	50	16
99100	51150E	<1	5520	<1	33	<10	29	9	<0.5	88	<1	646	70	80	37
99100	51175E	<1	2920	<1	16	<10	13	29	<0.5	104	<1	347	29	5460	61
99100	51200E	<1	6280	<1	20	<10	23	6	<0.5	47	<1	448	40	110	39
99100	51225E	<1	3080	<1	4	<10	6.7	18	<0.5	62	<1	90	7	330	15
99100	51250E	<1	1450	<1	<1	<10	<0.5	<3	<0.5	106	<1	<5	<1	<20	<5
99100	51275E	<1	1630	<1	2	<10	5.4	4	<0.5	25	<1	38	3	<20	6
99100	51300E	<1	1860	<1	1	<10	4	11	<0.5	13	1	33	2	50	8
99100	51325E	<1	1980	<1	<1	<10	1.7	3	<0.5	16	<1	17	2	<20	<5
99100	51350E	<1	3140	<1	<1	<10	<0.5	5	<0.5	2	<1	<5	<1	<20	9

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99100	51375E	6	3	10	0.1	930	<1	500	2	102	41	<100	560	30	18.8	5.5
99100	51400E	8	4	<10	0.7	1330	<1	520	<1	87	117	<100	5560	57	37.4	10.7
99100	51425E															
99100	51450E	<1	11	<10	<0.1	550	<1	290	7	41	56	<100	2360	11	8.3	2.5
99100	51475E	6	2	<10	0.3	1670	<1	490	4	284	84	<100	4350	90	57.5	19
99100	51500E	6	2	<10	0.2	730	<1	360	2	50	177	<100	2890	10	6.1	2.6
99100	51525E	3	8	10	0.1	650	<1	370	40	112	150	<100	1950	31	20.3	6.4
99100	51550E	4	2	<10	0.3	920	<1	450	<1	<5	57	<100	610	6	3.5	0.9
L 99150N, Noname																
99150	50850E	20	27	<10	0.1	1460	<1	600	13	82	24	<100	600	25	12.4	5
99150	50875E	6	79	<10	<0.1	3710	<1	530	23	584	98	<100	1140	185	115	35
99150	50900E	54	19	<10	2	3110	<1	920	11	15	45	<100	3010	35	21.4	5.9
99150	50925E	67	6	20	1.9	2770	<1	790	3	<5	56	<100	2580	2	1.2	<0.5
99150	50950E	14	42	<10	<0.1	5080	<1	660	11	467	70	<100	450	69	36.7	14.5
99150	50975E	16	25	<10	0.2	4910	<1	730	10	156	27	<100	710	69	35	14.7
99150	51000E	15	95	<10	0.1	3250	<1	600	15	606	91	<100	1910	177	112	30.5
99150	51025E	11	50	<10	<0.1	4490	<1	540	21	916	60	<100	860	132	72.2	25.5
99150	51050E	13	32	<10	<0.1	2910	<1	620	13	366	47	<100	580	72	38.1	14.4
99150	51075E	41	22	<10	0.2	3800	<1	830	13	420	49	<100	1760	119	64.6	18.8
99150	51100E	23	21	<10	<0.1	3510	<1	830	13	480	83	<100	2030	186	107	26.8
99150	51125E	26	11	<10	0.1	3740	<1	660	8	61	22	<100	930	33	16.3	7.2
99150	51150E	4	45	<10	<0.1	7550	<1	470	27	442	38	<100	380	55	27	11.3
99150	51175E															
99150	51200E	1	15	180	<0.1	1310	<1	470	20	51	148	<100	3150	10	7.2	2.4
99150	51225E	16	2	10	0.4	1320	<1	850	1	11	62	<100	5920	30	19	4
99150	51250E	<1	4	30	<0.1	700	<1	410	6	5	38	<100	450	2	1.1	<0.5
99150	51275E															
99150	51300E															
99150	51325E															
99150	51350E	<1	7	10	<0.1	480	<1	380	4	7	41	<100	480	4	3	0.7
99150	51375E	<1	2	<10	<0.1	380	<1	420	4	<5	39	<100	730	2	1.1	<0.5
99150	51400E	1	13	<10	<0.1	650	<1	500	9	43	72	<100	1880	13	8.4	3
99150	51425E	<1	6	<10	<0.1	480	<1	360	4	15	52	<100	630	4	2.9	0.9
99150	51450E	6	49	<10	0.4	2620	<1	640	20	157	15	<100	490	44	23.3	11.3
99150	51475E	6	3	<10	<0.1	1220	<1	700	14	<5	18	<100	710	3	1.9	0.7
99150	51500E	18	8	<10	0.7	1000	<1	730	5	<5	11	<100	2740	30	18.4	4
99150	51525E	10	6	<10	0.2	1040	<1	770	7	23	28	<100	1030	29	14.1	6.7
99150	51550E	<1	7	<10	0.3	1030	<1	430	24	123	53	<100	11400	33	25.1	7.2
L 99200N, Noname																
99200	50850E	7	68	<10	<0.1	3960	<1	480	9	783	57	<100	1050	112	60.5	24.9
99200	50875E	3	160	<10	<0.1	6260	<1	280	34	199	44	<100	520	14	7.9	3.2
99200	50900E	4	37	<10	<0.1	6090	<1	810	27	236	32	<100	420	21	11.1	4.7
99200	50925E	16	46	<10	<0.1	4850	<1	670	16	294	46	<100	1000	87	46.3	20.9
99200	50950E	7	77	10	<0.1	7060	<1	660	17	744	285	<100	690	118	68.7	25.3

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99100	51375E	16	29	13	15	170	39	<0.5	41	876	<10	<1	8	<1	38	<1	8	17
99100	51400E	15	57	26	13	186	27	<0.5	86	1190	10	<1	16	<1	49	<1	10	34
99100	51425E																	
99100	51450E	63	11	14	6	82	27	1.3	31	964	60	<1	7	<1	11	7	12	9
99100	51475E	19	99	72	15	173	28	<0.5	203	1010	<10	<1	42	<1	27	<1	11	67
99100	51500E	23	12	9	6	121	46	<0.5	29	2130	<10	<1	6	<1	65	<1	6	9
99100	51525E	37	34	36	11	105	12	1.8	81	4320	30	<1	18	<1	37	3	11	24
99100	51550E	11	4	<1	8	196	14	<0.5	<1	236	<10	<1	<1	<1	17	<1	6	<1
L 99150N, Nonam																		
99150	50850E	18	29	25	<5	158	5	0.7	65	312	50	<1	12	<1	31	<1	15	20
99150	50875E	36	190	201	14	134	<5	0.9	468	1290	120	<1	91	<1	43	<1	140	136
99150	50900E	9	35	5	5	146	13	<0.5	34	580	30	<1	4	<1	16	<1	10	16
99150	50925E	3	2	<1	<5	202	<5	<0.5	<1	213	30	<1	<1	<1	9	1	<5	<1
99150	50950E	30	77	120	<5	127	6	1.9	211	509	100	<1	44	<1	38	<1	49	58
99150	50975E	18	84	73	<5	91	7	1.3	184	424	50	<1	33	<1	46	<1	24	58
99150	51000E	58	174	178	13	132	6	1	415	981	160	<1	80	<1	44	<1	173	124
99150	51025E	40	149	200	14	166	13	1.6	439	620	130	<1	90	<1	37	<1	63	120
99150	51050E	19	87	96	9	136	16	1.1	229	300	80	<1	44	<1	28	<1	28	66
99150	51075E	14	136	117	5	112	14	1	308	449	50	<1	56	<1	34	<1	19	96
99150	51100E	11	207	145	10	150	9	1	425	570	50	<1	73	<1	39	<1	16	138
99150	51125E	10	43	41	<5	107	5	1.2	110	192	20	<1	19	<1	47	<1	16	32
99150	51150E	28	60	115	<5	90	13	2.7	191	283	110	<1	42	<1	105	<1	58	49
99150	51175E																	
99150	51200E	70	11	19	12	59	100	4.3	37	1390	50	<1	7	<1	<5	11	14	8
99150	51225E	4	27	1	<5	164	19	<0.5	17	936	10	<1	2	<1	47	<1	8	10
99150	51250E	89	2	3	<5	55	403	0.8	4	605	<10	<1	1	<1	<5	2	6	1
99150	51275E																	
99150	51300E																	
99150	51325E																	
99150	51350E	62	4	2	<5	56	365	0.8	7	495	20	<1	1	<1	<5	6	11	2
99150	51375E	24	2	1	<5	60	116	<0.5	2	325	10	<1	<1	<1	6	2	6	<1
99150	51400E	55	15	15	<5	86	151	0.9	37	661	30	<1	7	<1	<5	6	18	10
99150	51425E	55	4	4	<5	57	179	0.7	12	502	10	<1	2	<1	6	4	8	2
99150	51450E	30	55	64	<5	123	<5	0.9	154	324	10	<1	29	<1	50	<1	15	44
99150	51475E	4	3	<1	8	279	14	0.6	2	434	10	<1	<1	<1	109	<1	6	1
99150	51500E	6	26	<1	<5	224	<5	<0.5	5	405	<10	<1	<1	<1	14	<1	16	8
99150	51525E	7	39	17	<5	175	<5	<0.5	69	492	<10	<1	10	<1	59	<1	10	25
99150	51550E	89	34	45	9	87	20	1.4	117	1190	20	<1	21	<1	12	7	36	28
L 99200N, Nonam																		
99200	50850E	40	126	195	8	128	15	1.7	405	483	100	<1	83	<1	58	<1	87	107
99200	50875E	83	13	26	8	44	10	2.4	45	511	50	<1	10	<1	88	<1	131	11
99200	50900E	23	22	36	<5	84	10	1.2	64	335	100	<1	15	<1	62	<1	27	17
99200	50925E	24	102	112	9	94	11	1.1	279	776	40	<1	52	<1	59	<1	29	80
99200	50950E	43	124	206	17	109	<5	1.6	397	966	120	<1	84	<1	54	<1	137	105

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99100	51375E	<1	2360	<1	6	<10	6.8	3	<0.5	27	1	142	17	<20	10
99100	51400E	<1	2490	<1	11	<10	12	<3	<0.5	67	<1	247	35	<20	21
99100	51425E														
99100	51450E	<1	1320	<1	2	<10	2.8	26	<0.5	421	1	74	8	<20	25
99100	51475E	<1	2360	<1	18	<10	26	3	<0.5	169	1	454	50	<20	25
99100	51500E	<1	1560	<1	2	<10	7	5	0.6	51	2	55	6	<20	11
99100	51525E	<1	1680	<1	6	<10	8.2	6	0.5	1100	2	193	19	<20	29
99100	51550E	<1	2260	<1	<1	<10	<0.5	<3	<0.5	30	<1	23	4	<20	7
L 99150N, Nonam															
99150	50850E	<1	2860	<1	4	<10	8.5	30	<0.5	9	<1	110	10	860	31
99150	50875E	<1	3100	<1	30	<10	35	49	<0.5	30	1	885	98	480	168
99150	50900E	<1	3870	<1	5	<10	3.1	16	<0.5	16	1	181	16	150	22
99150	50925E	<1	4300	<1	<1	<10	0.7	8	<0.5	2	3	10	1	30	8
99150	50950E	<1	3290	<1	12	<10	28	47	<0.5	25	<1	295	28	360	140
99150	50975E	<1	3800	<1	12	<10	20	26	<0.5	18	<1	318	25	310	61
99150	51000E	<1	3890	<1	28	<10	43	58	<0.5	49	<1	921	92	660	150
99150	51025E	<1	3820	<1	23	<10	33	113	<0.5	40	<1	600	58	920	140
99150	51050E	<1	4480	<1	13	<10	21	46	<0.5	52	<1	326	29	1020	70
99150	51075E	<1	4650	<1	20	<10	45	17	<0.5	51	<1	550	48	130	63
99150	51100E	<1	4460	<1	30	<10	54	12	<0.5	55	<1	909	79	100	75
99150	51125E	<1	3630	<1	6	<10	18	20	<0.5	26	<1	156	11	190	58
99150	51150E	<1	2790	<1	9	<10	24	313	<0.5	26	<1	227	21	3440	245
99150	51175E														
99150	51200E	<1	2470	<1	2	<10	6.2	177	<0.5	2400	5	65	7	<20	85
99150	51225E	<1	4230	<1	4	<10	2.8	6	<0.5	73	<1	146	16	<20	9
99150	51250E	<1	1330	<1	<1	<10	1.2	25	<0.5	588	14	10	1	<20	9
99150	51275E														
99150	51300E														
99150	51325E														
99150	51350E	<1	1160	<1	<1	<10	1.2	69	<0.5	1420	2	26	3	50	11
99150	51375E	<1	1190	<1	<1	<10	0.7	11	<0.5	206	<1	10	1	<20	<5
99150	51400E	<1	1940	<1	2	<10	4.9	54	<0.5	287	<1	77	8	20	27
99150	51425E	<1	1090	<1	<1	<10	1.8	40	<0.5	343	<1	23	3	<20	12
99150	51450E	<1	3090	<1	8	<10	9.6	30	<0.5	23	<1	215	18	230	127
99150	51475E	<1	4260	<1	<1	<10	2.1	29	<0.5	27	<1	15	2	240	21
99150	51500E	<1	3510	<1	4	<10	5.2	5	<0.5	30	<1	123	17	30	58
99150	51525E	<1	3510	<1	5	<10	10	11	<0.5	15	<1	127	10	30	51
99150	51550E	<1	1520	<1	5	<10	13	34	0.6	1490	2	218	27	<20	93
L 99200N, Nonam															
99200	50850E	<1	3270	<1	19	<10	28	91	<0.5	29	<1	551	47	520	159
99200	50875E	<1	1560	<1	2	<10	20	590	<0.5	4	1	64	7	12200	83
99200	50900E	<1	3100	<1	4	<10	9.6	36	<0.5	9	<1	92	9	4010	52
99200	50925E	<1	3060	<1	15	<10	13	36	<0.5	11	<1	445	34	1460	76
99200	50950E	<1	3360	<1	19	<10	25	52	<0.5	37	<1	594	56	1620	213

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99250	51325E															
99250	51350E															
99250	51375E															
99250	51400E															
99250	51425E	1	28	<10	<0.1	590	<1	430	11	29	17	<100	8360	13	9.9	2.5
99250	51450E	2	9	10	<0.1	630	<1	430	6	33	42	<100	2840	9	6.2	2.1
99250	51475E	13	2	<10	0.4	730	<1	660	1	<5	42	<100	8220	29	22.6	2
99250	51500E	16	2	10	0.5	650	<1	570	2	<5	170	<100	14900	7	7.1	<0.5
99250	51525E	5	1	<10	<0.1	210	<1	430	1	<5	5	<100	340	1	0.8	<0.5
99250	51550E	28	2	10	1.2	280	<1	730	3	62	34	<100	10600	55	43.5	8.1
L 99300N, Noname																
99300	50850E	13	30	<10	0.2	2950	<1	940	21	129	94	<100	2870	40	21.5	9.1
99300	50875E	15	30	<10	0.1	3100	<1	580	6	347	31	<100	910	57	27.4	14.2
99300	50900E	12	68	<10	<0.1	2160	<1	590	10	533	47	<100	600	31	15	6.9
99300	50925E	9	47	<10	<0.1	2680	<1	630	11	397	308	<100	500	20	9.5	4.9
99300	50950E	16	18	<10	0.1	3160	<1	720	13	176	115	<100	1720	61	33.1	12.3
99300	50975E	16	56	<10	0.1	2070	<1	560	12	338	42	<100	1740	70	38.2	15.4
99300	51000E	9	42	<10	<0.1	2350	<1	690	23	298	54	<100	1930	86	48.3	18.8
99300	51025E	15	31	<10	<0.1	2320	<1	640	23	95	13	<100	1110	53	26	12.5
99300	51050E	20	10	<10	0.2	510	<1	610	13	<5	19	<100	4260	10	9	0.7
99300	51075E	14	33	<10	<0.1	3580	<1	800	18	244	52	<100	1650	103	63.9	19.3
99300	51100E	60	31	<10	0.9	2600	<1	880	17	138	29	<100	4180	86	48.7	22.5
99300	51125E	35	14	<10	<0.1	730	<1	600	19	37	50	<100	2830	30	23	3.7
99300	51150E	29	18	<10	0.1	750	<1	680	3	24	28	<100	3790	26	19.7	3.7
99300	51175E															
99300	51200E	8	17	<10	0.2	3550	<1	670	12	68	37	<100	670	44	21.2	11
99300	51225E	14	2	<10	0.4	480	<1	470	3	<5	31	<100	7030	45	37.1	3.4
99300	51250E	12	3	<10	0.4	490	<1	450	3	45	238	<100	7310	26	22	3.9
99300	51275E	8	2	20	0.5	610	<1	440	4	<5	344	<100	21600	19	18.5	1.5
99300	51300E	12	6	20	0.6	910	<1	470	2	30	146	<100	16700	61	51.9	5.8
99300	51325E	16	3	10	0.7	790	<1	470	5	63	145	<100	14200	85	78.2	9.4
99300	51350E															
99300	51375E															
99300	51400E															
99300	51425E															
99300	51450E	3	2	10	0.4	680	<1	630	1	<5	51	<100	3050	4	2.5	<0.5
99300	51475E	3	3	<10	0.2	710	<1	600	<1	<5	11	<100	1910	5	3.2	0.7
99300	51500E	6	2	10	0.1	190	<1	370	2	<5	31	<100	1040	<1	<0.5	<0.5
99300	51525E	2	10	<10	0.5	1350	<1	520	11	90	81	<100	19900	29	25.6	5.9
99300	51550E	L.N.F	L.N.R	L.N.F	L.N.R.	L.N.R.	L.N.R	L.N.R.	L.N.F	L.N.R	L.N.R.	L.N.R.	L.N.R.	L.N.R	L.N.R.	L.N.R
L 99350, Noname																
99350	50850E	21	45	<10	<0.1	4140	<1	800	12	265	73	<100	610	50	25.4	10.6
99350	50875E	20	25	<10	0.2	2950	<1	760	8	272	87	<100	2040	68	37.9	12.9
99350	50900E	9	98	<10	<0.1	2780	<1	490	12	575	217	<100	370	29	14.5	6.5

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99250	51325E																	
99250	51350E																	
99250	51375E																	
99250	51400E																	
99250	51425E	58	13	12	9	73	39	1.2	30	710	60	<1	6	<1	7	14	16	9
99250	51450E	98	9	12	7	76	53	1.2	31	1090	20	<1	6	<1	8	11	22	8
99250	51475E	3	19	<1	19	169	16	<0.5	<1	973	<10	<1	<1	<1	52	<1	11	3
99250	51500E	6	4	<1	36	176	49	<0.5	<1	2840	<10	<1	<1	<1	46	1	12	1
99250	51525E	3	1	<1	12	178	9	<0.5	<1	348	<10	<1	<1	<1	64	<1	8	<1
99250	51550E	6	50	6	12	214	69	<0.5	39	396	<10	<1	5	<1	48	<1	10	22
L 99300N, Nonarr																		
99300	50850E	17	48	49	<5	136	17	1.1	115	467	60	<1	22	<1	19	<1	18	35
99300	50875E	20	76	111	<5	144	11	1	229	277	40	<1	46	<1	25	<1	24	63
99300	50900E	31	35	66	9	145	10	1.2	112	415	70	<1	25	<1	39	<1	44	30
99300	50925E	29	25	87	8	145	13	2.1	99	398	50	<1	26	<1	33	<1	43	22
99300	50950E	13	74	68	9	164	16	0.9	165	583	50	<1	30	<1	24	<1	15	52
99300	50975E	21	85	101	14	212	12	1.1	226	349	60	<1	45	<1	35	<1	31	66
99300	51000E	16	104	100	12	141	14	0.6	256	775	70	<1	49	<1	37	<1	12	79
99300	51025E	16	70	65	<5	117	15	0.8	169	562	30	<1	30	<1	63	<1	14	52
99300	51050E	4	6	<1	8	81	24	<0.5	<1	379	20	<1	<1	<1	19	<1	<5	1
99300	51075E	14	115	81	14	158	7	<0.5	237	591	60	<1	42	<1	45	<1	17	79
99300	51100E	26	107	95	10	139	7	<0.5	258	298	30	<1	45	<1	11	<1	25	80
99300	51125E	4	24	8	54	248	21	1.2	27	332	40	<1	4	<1	17	<1	7	13
99300	51150E	6	23	8	10	231	5	<0.5	26	259	20	<1	4	<1	13	<1	6	12
99300	51175E																	
99300	51200E	12	64	64	<5	190	47	1.2	173	423	20	<1	30	<1	44	<1	15	51
99300	51225E	2	28	<1	16	270	<5	<0.5	<1	1490	20	<1	<1	<1	41	<1	7	5
99300	51250E	6	21	12	12	212	34	<0.5	35	1150	<10	<1	6	<1	29	<1	8	13
99300	51275E	4	11	<1	16	243	21	<0.5	2	3380	10	<1	<1	<1	38	<1	7	3
99300	51300E	2	40	6	16	217	13	<0.5	25	1360	20	<1	3	<1	53	<1	8	16
99300	51325E	3	58	12	17	217	10	<0.5	49	2820	20	<1	6	<1	37	<1	13	26
99300	51350E																	
99300	51375E																	
99300	51400E																	
99300	51425E																	
99300	51450E	5	3	<1	9	202	13	<0.5	<1	435	10	<1	<1	<1	53	<1	9	1
99300	51475E	3	5	1	17	221	<5	<0.5	<1	350	<10	<1	<1	<1	40	<1	7	1
99300	51500E	2	<1	<1	17	302	15	<0.5	<1	709	<10	<1	<1	<1	111	<1	5	<1
99300	51525E	26	30	34	41	148	30	1	85	1530	20	<1	16	<1	53	3	17	22
99300	51550E	L.N.R.	L.N.F.	L.N.F.	L.N.F.	L.N.R.	L.N.R.	L.N.F.	L.N.F.	L.N.R.	L.N.R.	L.N.F.	L.N.F.	L.N.F.	L.N.F.	L.N.F.	L.N.F.	L.N.F.
L 99350, Noname																		
99350	50850E	32	54	84	<5	119	9	1.6	150	472	120	<1	32	<1	39	<1	40	42
99350	50875E	20	70	76	9	201	7	0.9	170	481	50	<1	32	<1	19	<1	28	51
99350	50900E	55	31	85	13	92	8	2.2	115	348	140	<1	28	<1	52	<1	89	27

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99250	51325E														
99250	51350E														
99250	51375E														
99250	51400E														
99250	51425E	<1	1250	<1	2	<10	2	75	<0.5	1300	4	102	10	<20	19
99250	51450E	<1	1370	<1	1	<10	3.3	108	<0.5	425	<1	60	7	<20	29
99250	51475E	<1	2880	<1	4	<10	2	10	<0.5	15	2	168	22	<20	10
99250	51500E	<1	2810	<1	<1	<10	3.8	9	0.6	82	4	34	7	<20	19
99250	51525E	<1	2000	<1	<1	<10	<0.5	8	<0.5	20	<1	7	<1	<20	<5
99250	51550E	<1	3320	<1	8	<10	5.5	9	<0.5	23	2	436	40	<20	20
L 99300N, Nonam															
99300	50850E	<1	4510	<1	7	<10	12	24	<0.5	22	<1	204	17	940	47
99300	50875E	<1	3300	<1	11	<10	17	28	<0.5	20	<1	271	20	360	60
99300	50900E	<1	2830	<1	6	<10	14	52	<0.5	15	<1	129	12	1700	84
99300	50925E	<1	3250	<1	4	<10	20	151	<0.5	16	<1	83	7	830	102
99300	50950E	<1	4620	<1	11	<10	22	22	<0.5	13	<1	284	25	650	51
99300	50975E	<1	3880	<1	13	<10	20	33	<0.5	30	<1	342	31	640	83
99300	51000E	<1	3810	<1	16	<10	16	21	<0.5	19	<1	410	38	450	47
99300	51025E	<1	4250	<1	10	<10	8.7	18	<0.5	29	<1	267	19	400	47
99300	51050E	<1	2510	<1	1	<10	0.7	3	<0.5	13	<1	46	8	30	8
99300	51075E	<1	2520	<1	18	<10	11	6	<0.5	33	<1	507	52	1860	39
99300	51100E	<1	2240	<1	16	<10	16	13	<0.5	24	<1	527	41	480	23
99300	51125E	<1	4860	<1	4	<10	5.7	10	<0.5	95	<1	142	20	170	22
99300	51150E	<1	6150	<1	4	<10	7.5	5	<0.5	46	<1	120	16	40	12
99300	51175E														
99300	51200E	<1	3010	<1	9	<10	9.5	28	<0.5	25	<1	219	16	940	64
99300	51225E	<1	2740	<1	6	<10	1.4	6	<0.5	42	<1	188	35	<20	7
99300	51250E	<1	2420	<1	4	<10	9.1	<3	<0.5	73	<1	114	22	<20	23
99300	51275E	<1	2580	<1	2	<10	3.7	<3	<0.5	84	1	90	20	40	10
99300	51300E	<1	2520	<1	8	<10	4.5	<3	<0.5	75	<1	273	48	30	12
99300	51325E	<1	2370	<1	11	<10	6.8	6	<0.5	109	2	374	77	<20	18
99300	51350E														
99300	51375E														
99300	51400E														
99300	51425E														
99300	51450E	<1	2700	<1	<1	<10	2	6	<0.5	18	<1	17	2	<20	7
99300	51475E	<1	2730	<1	<1	<10	0.8	<3	<0.5	7	<1	27	3	<20	6
99300	51500E	<1	2540	<1	<1	<10	<0.5	4	<0.5	25	<1	<5	<1	<20	<5
99300	51525E	<1	2190	<1	5	<10	11	8	<0.5	886	4	175	29	<20	55
99300	51550E	L.N.F	L.N.R.	L.N.F	L.N.R.	L.N.F	L.N.R.	L.N.F	L.N.R.	L.N.F	L.N.R.	L.N.F	L.N.R.	L.N.R.	L.N.R.
L 99350, Noname															
99350	50850E	<1	4420	<1	9	<10	14	50	<0.5	24	<1	232	20	790	93
99350	50875E	<1	4660	<1	11	<10	14	22	<0.5	27	<1	325	29	340	76
99350	50900E	<1	3280	<1	5	<10	22	152	<0.5	13	<1	131	11	2230	138

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99350	50925E	38	51	<10	0.1	3720	<1	800	14	322	195	<100	2840	70	41.1	16.4
99350	50950E	30	5	<10	0.7	4820	<1	900	4	17	29	<100	11900	44	29.7	6.2
99350	50975E	14	46	<10	<0.1	2820	<1	650	17	693	22	<100	1140	90	46.1	19.8
99350	51000E	16	52	<10	<0.1	2330	<1	530	15	276	57	<100	810	28	13.6	7.2
99350	51025E	23	36	<10	<0.1	3100	<1	560	17	454	22	<100	1450	99	52.1	23.3
99350	51050E	31	8	<10	0.2	1840	<1	1020	28	26	75	<100	6060	29	15.1	6.3
99350	51075E	15	16	<10	<0.1	3190	<1	770	17	193	70	<100	2160	119	62	27.5
99350	51100E	9	22	<10	0.1	3610	<1	830	9	319	35	<100	1380	70	36	15.1
99350	51125E	13	32	<10	<0.1	3310	<1	820	12	310	72	<100	1210	72	39.5	15.2
99350	51150E	48	12	<10	0.6	2990	<1	1080	15	58	41	<100	4550	55	31.1	12.1
99350	51175E	11	31	<10	<0.1	3320	<1	790	21	195	76	<100	1060	84	46	18.6
99350	51200E	6	14	<10	<0.1	1240	<1	600	24	45	60	<100	330	22	11.9	5.5
99350	51225E	12	5	<10	0.3	760	<1	610	7	<5	63	<100	2610	36	31.6	2.4
99350	51250E	13	4	<10	0.7	860	<1	600	2	16	66	<100	7520	63	49.3	5.5
99350	51275E	15	5	<10	0.3	760	<1	590	11	57	206	<100	1760	35	31.6	3
99350	51300E	11	6	<10	0.2	1060	<1	710	9	48	241	<100	2900	39	30.7	5.2
99350	51325E	5	15	<10	0.3	1350	<1	780	24	128	345	<100	10100	91	60.6	18.5
99350	51350E	13	11	<10	1	1310	<1	700	15	105	405	<100	23000	154	137	22
99350	51375E	3	14	<10	1.4	1210	<1	670	101	87	130	<100	33500	121	103	16.5
99350	51400E	<1	20	30	0.2	650	<1	400	22	29	70	<100	6740	9	8.2	2.1
99350	51425E	<1	24	<10	0.1	640	<1	440	10	24	82	<100	5760	10	9.4	1.9
99350	51450E	1	3	<10	0.4	1490	<1	690	4	80	160	<100	13700	17	11.4	5
99350	51475E	<1	4	<10	0.3	1230	<1	720	4	89	247	<100	13100	18	12.7	4.9
99350	51500E	18	2	<10	1	670	<1	610	1	<5	447	<100	20300	16	17.8	<0.5
99350	51525E	1	4	<10	0.3	2070	<1	740	7	83	363	<100	11300	13	8.6	3.7
99350	51550E	18	4	<10	1	630	<1	620	4	22	65	<100	3300	70	63	6.7
L 99400, Noname																
99400	50850E	50	4	<10	1.3	920	<1	990	3	<5	31	<100	7800	<1	0.7	<0.5
99400	50875E	20	31	<10	0.3	1850	<1	760	10	95	40	<100	2130	59	33.3	10.3
99400	50900E	48	16	<10	1.8	3300	<1	920	10	21	25	<100	10800	51	35.2	8.2
99400	50925E	3	99	<10	<0.1	3620	<1	650	41	321	122	<100	600	33	20.7	5.9
99400	50950E	22	33	<10	0.2	3190	<1	740	10	284	45	<100	1060	70	37.4	13.1
99400	50975E	22	39	<10	0.2	2930	<1	710	9	261	29	<100	2330	64	33.2	14.3
99400	51000E	21	40	<10	0.2	3110	<1	870	10	362	52	<100	1630	74	40.7	16.3
99400	51025E	24	47	<10	0.1	2660	<1	740	27	400	68	<100	2780	88	50.5	18.1
99400	51050E	29	42	<10	0.1	2330	<1	700	24	309	40	<100	2440	112	60.3	24.2
99400	51075E	47	6	<10	0.4	1370	<1	1100	20	13	61	<100	6870	11	6.8	2.1
99400	51100E	29	9	<10	1	750	<1	1040	16	15	49	<100	9310	15	8.4	4.7
99400	51125E	26	16	<10	<0.1	2400	<1	1050	20	146	91	<100	2810	110	59.2	22.9
99400	51150E	24	18	<10	<0.1	4950	<1	730	13	83	31	<100	1880	67	35.4	15.3
99400	51175E	22	20	<10	<0.1	3160	<1	1000	20	218	149	<100	2120	106	67.4	15.9
99400	51200E	13	20	<10	<0.1	3600	<1	730	12	89	24	<100	800	59	30.8	14.8
99400	51225E	13	4	<10	0.6	830	<1	650	5	<5	81	<100	3940	18	16.7	0.9
99400	51250E	11	4	<10	0.2	1240	<1	660	4	65	274	<100	8860	21	14.3	4.6

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99350	50925E	27	76	130	8	189	<5	1	241	440	80	<1	51	<1	27	<1	55	62
99350	50950E	4	40	7	36	285	6	<0.5	29	359	20	<1	4	<1	32	<1	7	16
99350	50975E	30	101	132	10	126	29	1	308	388	70	<1	61	<1	33	<1	40	86
99350	51000E	27	35	62	11	144	21	1.5	127	192	60	<1	27	<1	57	<1	24	33
99350	51025E	21	120	153	10	159	19	1.1	371	374	50	<1	71	<1	60	<1	29	101
99350	51050E	7	34	15	<5	137	31	<0.5	56	403	20	<1	9	<1	34	<1	9	22
99350	51075E	11	146	115	9	175	20	0.7	364	681	30	<1	61	<1	44	<1	18	114
99350	51100E	15	84	87	11	193	16	0.6	229	369	20	<1	42	<1	25	<1	19	68
99350	51125E	19	82	91	7	154	11	0.8	217	516	40	<1	40	<1	39	<1	20	62
99350	51150E	10	65	33	10	142	9	<0.5	115	329	20	<1	18	<1	19	<1	9	41
99350	51175E	17	99	81	9	166	17	1	242	517	70	<1	44	<1	24	<1	17	73
99350	51200E	10	30	27	<5	168	108	1	74	341	30	<1	13	<1	312	<1	10	22
99350	51225E	2	20	<1	14	297	<5	<0.5	1	892	20	<1	<1	<1	53	<1	7	3
99350	51250E	3	40	1	20	204	<5	<0.5	9	809	20	<1	1	<1	45	<1	10	11
99350	51275E	4	19	5	15	220	18	<0.5	18	2400	20	<1	3	<1	70	<1	9	7
99350	51300E	4	31	6	12	220	9	<0.5	29	2050	20	<1	4	<1	76	<1	9	14
99350	51325E	15	97	50	12	163	8	0.6	171	4920	50	<1	27	<1	90	1	12	62
99350	51350E	4	127	24	17	207	15	<0.5	119	5040	30	<1	16	<1	63	<1	20	57
99350	51375E	6	95	23	20	161	12	0.6	98	1020	40	<1	14	<1	64	<1	19	44
99350	51400E	164	9	15	6	64	40	1.7	32	1230	10	<1	6	<1	17	12	24	7
99350	51425E	95	8	12	7	73	18	1.4	25	677	30	<1	5	<1	25	3	22	6
99350	51450E	30	21	33	15	148	40	0.7	85	1870	10	<1	16	<1	81	<1	16	19
99350	51475E	32	21	33	11	183	32	1.1	83	2100	20	<1	16	<1	49	<1	11	20
99350	51500E	3	5	<1	20	224	8	<0.5	<1	1460	<10	<1	<1	<1	41	1	9	<1
99350	51525E	45	16	29	12	174	40	1.1	68	1910	<10	<1	13	<1	86	<1	13	15
99350	51550E	3	46	5	22	256	36	<0.5	27	1220	10	<1	4	<1	47	<1	14	16
L 99400, Noname																		
99400	50850E	4	<1	<1	9	168	17	<0.5	<1	265	<10	<1	<1	<1	8	<1	<5	<1
99400	50875E	13	59	34	11	279	8	0.6	110	341	40	<1	18	<1	19	<1	15	39
99400	50900E	5	52	10	12	305	20	<0.5	54	561	20	<1	7	<1	17	<1	9	25
99400	50925E	72	29	43	7	169	32	2.8	88	245	100	<1	19	<1	60	<1	97	25
99400	50950E	16	72	72	10	236	12	0.7	175	321	50	<1	34	<1	17	<1	25	54
99400	50975E	25	71	101	10	180	13	1	218	243	40	<1	44	<1	17	<1	38	60
99400	51000E	23	81	98	12	158	13	0.8	224	376	60	<1	44	<1	35	<1	27	63
99400	51025E	31	94	119	16	184	24	0.9	277	366	90	<1	55	<1	44	<1	31	76
99400	51050E	22	127	124	9	176	15	0.6	335	506	50	<1	61	<1	53	<1	26	100
99400	51075E	5	11	1	9	97	14	<0.5	10	403	20	<1	1	<1	28	<1	6	5
99400	51100E	8	18	6	<5	184	8	<0.5	30	428	<10	<1	5	<1	18	<1	7	11
99400	51125E	9	122	58	11	185	13	0.6	225	715	30	<1	35	<1	23	<1	13	83
99400	51150E	15	82	62	<5	150	14	1.3	185	327	30	<1	32	<1	32	<1	23	59
99400	51175E	10	107	48	23	190	13	<0.5	179	698	50	<1	28	<1	24	<1	14	65
99400	51200E	16	79	73	<5	143	22	1.1	211	285	10	<1	36	<1	65	<1	19	61
99400	51225E	3	8	<1	18	258	6	<0.5	<1	1030	20	<1	<1	<1	55	<1	10	1
99400	51250E	11	22	21	12	212	31	<0.5	61	2680	10	<1	11	<1	65	1	9	17

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99350	50925E	<1	8180	<1	11	<10	20	35	<0.5	48	<1	323	34	530	113
99350	50950E	<1	5850	<1	6	<10	3.5	11	<0.5	94	<1	250	22	40	29
99350	50975E	<1	4550	<1	15	<10	23	46	<0.5	30	<1	425	34	610	75
99350	51000E	<1	4070	<1	5	<10	19	122	<0.5	16	<1	133	10	900	57
99350	51025E	<1	4880	<1	17	<10	25	39	<0.5	101	<1	505	39	760	95
99350	51050E	<1	7390	<1	5	<10	8.3	11	<0.5	59	<1	147	11	160	17
99350	51075E	<1	5450	<1	20	<10	27	16	<0.5	45	<1	601	44	320	57
99350	51100E	<1	5730	<1	12	<10	25	13	<0.5	163	<1	324	26	300	51
99350	51125E	<1	4640	<1	12	<10	18	16	<0.5	26	<1	351	31	660	78
99350	51150E	<1	3250	<1	9	<10	12	11	<0.5	31	<1	318	23	160	25
99350	51175E	<1	6420	<1	14	<10	18	34	<0.5	57	<1	421	35	1050	52
99350	51200E	<1	2610	<1	4	<10	3.4	114	<0.5	14	<1	113	9	2450	47
99350	51225E	<1	3960	<1	4	<10	2.8	7	<0.5	42	<1	148	32	<20	11
99350	51250E	<1	3560	<1	8	<10	3.3	5	<0.5	32	<1	250	46	<20	14
99350	51275E	<1	3470	<1	4	<10	3.9	6	0.5	70	1	133	31	<20	24
99350	51300E	<1	3850	<1	5	<10	5.8	7	<0.5	104	<1	155	29	<20	19
99350	51325E	<1	3620	<1	14	<10	5.2	11	0.9	326	<1	540	54	20	29
99350	51350E	<1	3730	<1	20	<10	9.2	10	0.7	165	<1	876	140	<20	42
99350	51375E	<1	3150	<1	16	<10	7.7	9	1.1	177	<1	647	101	30	33
99350	51400E	<1	1380	<1	1	<10	1.4	145	0.9	1990	2	86	10	<20	30
99350	51425E	<1	1450	<1	1	<10	1.9	95	<0.5	610	<1	73	10	<20	32
99350	51450E	<1	3140	<1	3	<10	12	14	<0.5	50	<1	108	13	<20	26
99350	51475E	<1	3480	<1	3	<10	11	16	<0.5	123	<1	111	13	<20	30
99350	51500E	<1	3500	<1	1	<10	0.7	9	<0.5	17	<1	59	21	<20	10
99350	51525E	<1	3860	<1	2	<10	12	17	<0.5	48	<1	82	9	<20	27
99350	51550E	<1	3870	<1	9	<10	5.3	9	<0.5	108	<1	278	65	<20	17
L 99400, Noname															
99400	50850E	<1	7480	<1	<1	<10	<0.5	10	<0.5	14	<1	6	<1	<20	7
99400	50875E	<1	5060	<1	9	<10	8.5	18	<0.5	25	<1	277	25	500	34
99400	50900E	<1	6020	<1	8	<10	4.4	9	<0.5	55	<1	313	26	20	25
99400	50925E	<1	4450	<1	5	<10	18	409	<0.5	22	<1	153	19	2250	125
99400	50950E	<1	5920	<1	12	<10	16	18	<0.5	56	<1	287	28	570	71
99400	50975E	<1	6400	<1	11	<10	12	24	<0.5	42	<1	284	26	200	86
99400	51000E	<1	5550	<1	12	<10	23	16	<0.5	33	<1	339	32	230	90
99400	51025E	<1	5650	<1	14	<10	14	22	<0.5	90	<1	420	41	1440	82
99400	51050E	<1	5880	<1	18	<10	13	15	<0.5	75	<1	558	47	420	70
99400	51075E	<1	5710	<1	2	<10	1.2	5	<0.5	6	<1	54	6	60	7
99400	51100E	<1	6060	<1	3	<10	3.2	7	<0.5	23	<1	84	7	50	14
99400	51125E	<1	5920	<1	18	<10	18	10	<0.5	43	<1	516	42	240	31
99400	51150E	<1	5050	<1	11	<10	9.2	23	<0.5	36	<1	363	26	460	55
99400	51175E	<1	5530	<1	16	<10	18	11	<0.5	35	<1	528	52	560	24
99400	51200E	<1	3860	<1	10	<10	6.6	22	<0.5	28	<1	321	23	780	71
99400	51225E	<1	4070	<1	2	<10	1.1	7	<0.5	12	<1	78	17	<20	7
99400	51250E	<1	3390	<1	3	<10	9.6	6	<0.5	121	<1	104	14	<20	20

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99400	51275E	6	4	<10	0.1	780	<1	690	6	66	43	<100	240	29	17.9	5.2
99400	51300E	12	11	<10	0.2	800	<1	660	10	23	139	<100	270	23	18.7	2.6
99400	51325E	9	4	<10	0.3	870	<1	640	4	22	111	<100	2030	23	16.8	2.4
99400	51350E	14	5	<10	0.4	1030	<1	650	4	54	300	<100	11600	45	32.5	6.1
99400	51375E	6	5	<10	0.2	1160	<1	730	2	<5	45	<100	2140	11	8	1.1
99400	51400E	2	16	20	<0.1	610	<1	490	38	35	132	<100	4730	14	10	3.3
99400	51425E	1	8	20	<0.1	580	<1	410	3	7	125	<100	170	2	1.7	<0.5
99400	51450E															
99400	51475E															
99400	51500E	1	9	360	0.1	610	<1	470	38	40	155	<100	6310	30	26.5	5.8
99400	51525E	13	4	10	0.5	1080	<1	670	5	5	259	<100	7860	8	7	1.5
99400	51550E	14	5	<10	0.6	1010	<1	660	12	18	140	<100	4700	43	33.8	5.1
L 99450N, Noname																
99450	50850E	3	42	<10	<0.1	3390	<1	870	28	190	85	<100	1080	28	16.9	5.2
99450	50875E	3	67	10	<0.1	2740	<1	690	31	360	139	<100	710	58	35.8	11
99450	50900E	3	68	<10	<0.1	3200	<1	830	24	536	245	<100	730	41	24.4	8.4
99450	50925E	494	113	<10	0.2	1550	<1	410	26	543	70	<100	660	33	15.9	6.6
99450	50950E	12	57	<10	<0.1	3300	<1	560	22	1140	17	<100	820	97	49	21
99450	50975E	14	49	<10	<0.1	3580	<1	590	18	813	20	<100	810	82	40.9	17.7
99450	51000E	2	49	10	<0.1	2090	<1	580	72	112	202	<100	230	11	6.7	2.4
99450	51025E	7	36	<10	<0.1	870	<1	580	49	230	100	<100	2270	51	27.7	11.8
99450	51050E	49	10	<10	<0.1	930	<1	810	24	58	103	<100	6680	24	12.2	5.2
99450	51075E	45	15	10	<0.1	1210	<1	830	29	93	138	<100	5930	32	17.8	6.8
99450	51100E	20	21	<10	0.2	710	<1	910	30	101	90	<100	6100	42	22.3	12.2
99450	51125E	41	27	<10	0.3	2420	<1	1090	41	123	51	<100	5360	82	60.1	15.2
99450	51150E	8	55	<10	<0.1	3070	<1	910	35	495	69	<100	1510	108	68.2	21
99450	51175E	15	42	<10	<0.1	3090	<1	970	29	355	127	<100	1830	86	57.7	15.2
99450	51200E	8	50	<10	<0.1	2920	<1	780	12	495	15	<100	1380	98	51.7	20.3
99450	51225E	4	44	<10	<0.1	2680	<1	800	15	515	40	<100	350	96	50	21.4
99450	51250E															
99450	51275E	<1	<1	20	<0.1	290	<1	280	<1	<5	89	<100	260	<1	<0.5	<0.5
99450	51300E	7	2	10	0.3	1150	<1	950	1	40	48	<100	1670	35	22	5.9
99450	51325E	9	2	<10	0.2	460	<1	590	<1	12	44	<100	3570	33	25.4	4.3
99450	51350E	7	2	<10	0.1	850	<1	720	6	66	123	<100	1110	22	17.5	3.9
99450	51375E	9	7	10	0.1	1520	<1	800	3	43	117	<100	2680	22	11.4	4.9
99450	51400E	12	7	<10	0.4	1810	<1	690	7	244	307	<100	22700	67	45	15.9
99450	51425E	2	36	140	<0.1	510	<1	410	81	74	134	<100	1800	25	19.1	4.7
99450	51450E	3	5	10	<0.1	640	<1	540	13	21	25	<100	190	12	8.2	1.7
99450	51475E	4	6	<10	0.1	910	<1	560	11	51	162	<100	1530	23	21.3	4.3
99450	51500E	2	22	10	<0.1	1800	<1	900	35	19	34	<100	320	28	17.4	5.2
99450	51525E	6	6	<10	0.5	1380	<1	680	9	44	381	<100	1320	9	6.8	2.4
99450	51550E	9	3	<10	0.3	630	<1	560	12	16	144	<100	3170	26	21.3	2.8
L 99500N, Noname																
99500	50850E	21	10	<10	0.3	2120	<1	790	6	46	26	<100	960	12	5.4	2.9

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99400	51275E	8	27	11	10	260	24	<0.5	43	1320	10	<1	7	<1	61	<1	10	18
99400	51300E	3	16	3	16	311	49	<0.5	15	1770	10	<1	2	<1	75	<1	9	8
99400	51325E	5	16	<1	10	196	15	<0.5	7	1190	<10	<1	<1	<1	79	<1	10	6
99400	51350E	4	37	4	10	208	6	<0.5	30	3920	20	<1	4	<1	86	<1	11	17
99400	51375E	5	8	<1	10	161	<5	<0.5	<1	581	<10	<1	<1	<1	70	<1	10	2
99400	51400E	25	16	13	6	75	53	1.1	39	2250	30	<1	7	<1	19	6	9	12
99400	51425E	131	2	2	<5	57	535	0.6	5	588	20	<1	1	<1	<5	3	8	2
99400	51450E																	
99400	51475E																	
99400	51500E	11	31	14	<5	93	263	1.1	56	1640	20	<1	8	<1	11	24	7	18
99400	51525E	12	8	<1	7	172	71	0.6	8	916	<10	<1	1	<1	80	<1	8	4
99400	51550E	3	33	1	15	258	<5	<0.5	15	1780	20	<1	2	<1	65	<1	12	13
L 99450N, Nonam																		
99450	50850E	24	29	47	<5	138	20	1.9	83	361	70	<1	17	<1	39	<1	21	22
99450	50875E	36	64	87	10	140	9	1.8	194	669	100	<1	41	<1	43	<1	47	51
99450	50900E	30	48	88	22	173	10	1.8	174	679	80	<1	39	<1	54	<1	47	41
99450	50925E	45	34	76	7	80	59	2.5	124	261	100	<1	29	<1	91	<1	84	30
99450	50950E	26	114	150	8	108	25	1.2	329	407	60	<1	67	<1	77	<1	33	92
99450	50975E	24	98	131	8	117	26	1.4	284	345	60	<1	57	<1	72	<1	28	79
99450	51000E	38	11	24	12	195	18	1.9	40	101	90	<1	8	<1	64	<1	28	10
99450	51025E	23	61	68	<5	124	43	0.6	170	444	70	<1	32	<1	44	<1	12	49
99450	51050E	8	30	19	26	201	38	0.8	60	455	30	<1	9	<1	35	<1	5	20
99450	51075E	10	39	27	26	209	43	0.9	81	520	40	<1	13	<1	38	<1	7	27
99450	51100E	14	55	43	<5	149	26	<0.5	127	1110	10	<1	21	<1	28	<1	8	40
99450	51125E	7	83	33	15	233	5	<0.5	126	753	30	<1	18	<1	7	<1	8	48
99450	51150E	17	114	94	13	157	6	0.5	255	740	80	<1	47	<1	44	<1	19	80
99450	51175E	13	85	64	17	253	14	0.8	177	839	70	<1	32	<1	34	<1	15	56
99450	51200E	23	112	114	11	214	8	0.7	290	517	40	<1	56	<1	27	<1	18	86
99450	51225E	17	122	115	18	161	31	1.3	315	1050	40	<1	58	<1	103	<1	9	93
99450	51250E																	
99450	51275E	26	<1	<1	<5	63	50	<0.5	<1	148	<10	<1	<1	<1	29	<1	5	<1
99450	51300E	8	33	11	9	262	31	0.5	44	522	<10	<1	6	<1	58	<1	8	19
99450	51325E	5	25	7	7	247	34	<0.5	29	930	<10	<1	3	<1	67	<1	5	12
99450	51350E	11	20	13	11	243	26	<0.5	39	1700	<10	<1	6	<1	69	<1	6	13
99450	51375E	6	27	11	23	192	7	0.8	49	1550	<10	<1	6	<1	101	<1	6	18
99450	51400E	9	87	75	14	187	57	0.8	214	2360	<10	<1	36	<1	94	<1	8	61
99450	51425E	73	24	27	8	68	246	3.1	59	1860	50	<1	10	<1	<5	8	28	16
99450	51450E	6	9	3	13	210	<5	<0.5	15	1560	<10	<1	1	<1	98	<1	<5	5
99450	51475E	7	21	18	13	199	15	<0.5	57	5800	10	<1	9	<1	106	<1	6	16
99450	51500E	10	29	10	28	249	162	1.2	42	1550	20	<1	5	<1	221	<1	8	17
99450	51525E	7	11	16	14	224	58	<0.5	44	2570	<10	<1	7	<1	37	<1	<5	10
99450	51550E	3	18	3	9	261	11	<0.5	15	1220	<10	<1	1	<1	55	<1	7	7
L 99500N, Nonam																		
99500	50850E	12	16	14	<5	176	7	1.2	37	208	20	<1	7	<1	37	<1	12	12

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99400	51275E	<1	4010	<1	4	<10	6.4	7	<0.5	93	<1	125	17	20	18
99400	51300E	<1	4510	<1	3	<10	3.5	7	<0.5	106	<1	89	20	70	19
99400	51325E	<1	3500	<1	3	<10	4.3	6	<0.5	76	<1	91	17	<20	20
99400	51350E	<1	3670	<1	6	<10	5.5	6	0.6	99	<1	200	29	<20	18
99400	51375E	<1	3410	<1	2	<10	1.8	5	<0.5	38	<1	45	8	<20	15
99400	51400E	<1	1440	<1	2	<10	2.1	35	0.5	1350	<1	92	10	<20	11
99400	51425E	<1	1280	<1	<1	<10	0.6	35	0.5	367	3	14	2	60	7
99400	51450E														
99400	51475E														
99400	51500E	<1	1530	<1	4	<10	0.6	18	2.1	589	6	278	25	<20	<5
99400	51525E	<1	3260	<1	1	<10	5.5	8	0.6	33	4	59	9	<20	20
99400	51550E	<1	4180	<1	6	<10	3.3	6	<0.5	87	<1	161	32	<20	19
L 99450N, Nonam															
99450	50850E	<1	4930	1	5	<10	15	85	4	13	4	146	15	1740	66
99450	50875E	<1	3770	<1	10	<10	23	86	1.9	26	1	293	32	1900	100
99450	50900E	<1	4430	<1	8	<10	33	52	1.2	21	<1	199	22	1860	101
99450	50925E	<1	2110	<1	6	<10	36	201	1.3	20	1	151	12	4140	158
99450	50950E	<1	3910	<1	18	<10	20	27	1	38	1	478	37	1020	123
99450	50975E	<1	4150	<1	15	<10	20	23	1	38	<1	386	30	860	117
99450	51000E	<1	3410	<1	2	<10	12	293	0.6	6	<1	56	6	8410	43
99450	51025E	<1	4350	<1	9	<10	19	30	0.7	16	<1	270	20	2630	32
99450	51050E	<1	4700	<1	4	<10	9.9	14	0.6	52	<1	132	9	350	16
99450	51075E	<1	5050	<1	6	<10	16	12	0.6	58	<1	179	13	550	23
99450	51100E	<1	4310	<1	8	<10	17	9	0.7	14	<1	224	18	180	31
99450	51125E	<1	9950	<1	13	<10	11	<3	<0.5	22	<1	418	47	100	11
99450	51150E	<1	5170	<1	18	<10	9.6	12	<0.5	30	<1	567	57	1440	62
99450	51175E	<1	7100	<1	14	<10	13	16	0.5	35	<1	456	47	540	52
99450	51200E	<1	6040	<1	17	<10	14	13	<0.5	45	<1	478	39	290	48
99450	51225E	<1	4180	<1	18	<10	17	22	0.7	27	<1	459	40	70	99
99450	51250E														
99450	51275E	<1	1180	<1	<1	<10	<0.5	6	<0.5	9	<1	<5	<1	30	<5
99450	51300E	<1	4290	<1	5	<10	8.1	5	<0.5	73	<1	167	21	<20	26
99450	51325E	<1	3240	<1	5	<10	4.4	3	<0.5	56	<1	153	24	<20	14
99450	51350E	<1	3700	<1	4	<10	6.6	5	0.5	96	<1	117	18	<20	19
99450	51375E	<1	3570	<1	4	<10	5.8	9	0.6	26	<1	112	9	<20	23
99450	51400E	<1	3200	<1	12	<10	13	5	1.6	19	3	424	41	<20	55
99450	51425E	<1	1490	<1	4	<10	4.7	534	0.5	3300	5	160	20	110	81
99450	51450E	<1	2970	<1	2	<10	2.1	5	0.5	99	<1	60	8	40	12
99450	51475E	<1	3240	<1	3	<10	4.4	5	1.1	295	<1	120	23	<20	20
99450	51500E	<1	4870	<1	5	<10	4.3	38	0.7	89	1	135	16	1350	58
99450	51525E	<1	3790	<1	2	<10	6	6	0.5	189	<1	48	8	<20	22
99450	51550E	<1	3540	<1	4	<10	1.8	<3	0.9	136	<1	116	21	<20	17
L 99500N, Nonam															
99500	50850E	<1	4470	<1	2	<10	6	20	0.9	9	<1	69	4	150	17

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99500	50875E	14	16	10	<0.1	2390	<1	1130	16	22	25	<100	1110	12	6	2.6
99500	50900E	10	38	<10	<0.1	3070	<1	850	14	575	58	<100	1470	138	75.3	27.6
99500	50925E	11	80	<10	<0.1	2900	<1	620	16	867	102	<100	1540	121	66.8	24.9
99500	50950E	16	80	<10	<0.1	2770	<1	700	16	713	41	<100	4180	118	61	28.5
99500	50975E															
99500	51000E	36	21	<10	<0.1	2350	<1	810	40	110	49	<100	3070	75	37.1	19.8
99500	51025E	26	27	<10	<0.1	2550	<1	780	14	139	23	<100	1480	52	24.2	13.5
99500	51050E	14	37	<10	0.2	1400	<1	720	16	415	35	<100	2170	106	55.3	26.8
99500	51075E	25	21	<10	<0.1	2170	<1	840	23	166	46	<100	2350	99	50.2	25.5
99500	51100E	23	32	<10	0.2	1630	<1	840	27	140	37	<100	5730	64	32.6	18.3
99500	51125E	43	12	<10	0.9	3260	<1	1550	13	33	46	<100	10900	38	19.5	10.1
99500	51150E	10	30	<10	<0.1	3790	<1	1130	20	230	167	<100	3250	100	57	20.7
99500	51175E	23	26	<10	<0.1	3650	<1	1220	13	249	98	<100	2480	108	57.8	23.9
99500	51200E	14	26	<10	<0.1	3870	<1	960	16	344	55	<100	2040	100	51.5	24.9
99500	51225E	<1	3	<10	0.2	1390	<1	500	4	103	281	<100	8400	18	13.5	5.4
99500	51250E	<1	8	<10	<0.1	530	<1	460	1	37	32	<100	2660	8	5.4	2.3
99500	51275E	<1	5	<10	0.4	1810	<1	570	5	101	212	<100	13000	23	18	5.8
99500	51300E	<1	12	<10	0.1	1040	<1	370	3	46	76	<100	6160	15	13.2	3.4
99500	51325E	<1	8	<10	0.2	1140	<1	450	2	99	83	<100	7270	20	15.2	5.4
99500	51350E	7	4	<10	<0.1	1030	<1	650	10	<5	9	<100	940	2	1.2	<0.5
99500	51375E	7	2	<10	<0.1	870	<1	470	5	11	9	<100	1030	4	2.1	0.8
99500	51400E	1	13	<10	<0.1	1770	<1	760	13	81	10	<100	140	11	5.9	3.5
99500	51425E	3	5	<10	<0.1	1750	<1	820	18	214	17	<100	340	27	14.5	8.5
99500	51450E	9	4	<10	0.2	1630	<1	1090	9	28	29	<100	2430	52	29.2	11.4
99500	51475E	10	7	<10	<0.1	1060	<1	760	34	109	158	<100	4390	33	15.5	10.1
99500	51500E	12	4	<10	0.4	2200	<1	930	4	56	79	<100	6130	102	52.2	25.2
99500	51525E	8	4	<10	0.2	1760	<1	880	11	25	44	<100	2450	35	18	8.1
99500	51550E	10	6	<10	0.4	2590	<1	920	18	61	238	<100	2830	54	30.3	11
L 99550N, Noname																
99550	50850E	13	27	<10	<0.1	3020	<1	740	11	328	35	<100	1340	50	24	10.5
99550	50875E	9	41	<10	<0.1	2500	<1	680	39	296	54	<100	890	48	25.3	11.2
99550	50900E	21	29	<10	0.2	3100	<1	900	9	375	40	<100	3950	106	54.1	24.8
99550	50925E	18	45	<10	<0.1	2710	<1	570	14	525	17	<100	1310	93	46.8	21.4
99550	50950E	25	26	<10	<0.1	2480	<1	600	15	208	11	<100	1070	32	14.8	8.6
99550	50975E	49	40	<10	0.2	1600	<1	790	36	315	85	<100	6760	126	70.2	29.5
99550	51000E	24	39	<10	<0.1	1970	<1	670	13	439	19	<100	1900	85	41.6	22
99550	51025E	16	32	<10	<0.1	2420	<1	630	14	378	17	<100	1220	68	31.4	17.4
99550	51050E	16	15	<10	0.2	1600	<1	800	7	68	12	<100	6560	95	46.1	26.4
99550	51075E	17	31	<10	0.2	3080	<1	790	15	386	37	<100	1870	121	60.6	29.2
99550	51100E	28	12	<10	0.3	1950	<1	1070	15	11	13	<100	6220	17	8.3	4.1
99550	51125E	16	52	<10	<0.1	3680	<1	1060	16	561	41	<100	2370	147	86.2	32.5
99550	51150E	20	35	<10	<0.1	3510	<1	900	15	305	61	<100	3940	110	57.2	25.7
99550	51175E	23	21	<10	<0.1	3430	<1	1120	27	89	95	<100	2980	67	33.7	17.1
99550	51200E	42	13	<10	0.3	1330	<1	1550	3	<5	7	<100	3580	15	9.2	3

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99500	50875E	14	15	9	<5	128	13	1	28	301	20	<1	5	<1	45	<1	9	10
99500	50900E	21	171	168	18	204	7	1.1	428	822	50	<1	81	<1	37	<1	20	129
99500	50925E	41	146	224	28	174	11	1.2	484	756	70	<1	104	<1	48	<1	55	127
99500	50950E	41	142	205	10	143	8	0.9	444	391	70	<1	94	<1	66	<1	43	120
99500	50975E																	
99500	51000E	17	102	92	<5	187	14	1	249	422	30	<1	47	<1	105	<1	18	78
99500	51025E	23	68	78	6	150	11	1	190	419	20	<1	37	<1	85	<1	18	55
99500	51050E	28	137	138	9	180	10	0.8	369	668	30	<1	71	<1	71	<1	28	108
99500	51075E	16	132	93	<5	205	9	0.8	304	883	30	<1	53	<1	73	<1	17	100
99500	51100E	20	90	69	8	178	16	0.7	221	1080	20	<1	39	<1	41	<1	10	69
99500	51125E	8	48	16	<5	333	5	<0.5	71	424	10	<1	11	<1	15	<1	6	29
99500	51150E	10	111	63	13	280	6	<0.5	209	814	70	<1	37	<1	22	<1	9	74
99500	51175E	11	127	72	17	305	8	<0.5	239	868	60	<1	41	<1	26	<1	11	86
99500	51200E	12	128	89	16	262	13	0.6	297	630	50	<1	51	<1	31	<1	11	99
99500	51225E	84	25	45	9	89	15	1.4	101	1350	<10	<1	20	<1	32	5	23	23
99500	51250E	87	11	15	8	72	37	1.2	39	775	30	<1	8	<1	10	6	15	10
99500	51275E	117	27	38	10	128	11	1.5	100	2540	<10	<1	19	<1	63	3	40	24
99500	51300E	203	17	19	14	76	13	1.4	50	802	30	<1	10	<1	26	11	39	13
99500	51325E	113	25	41	13	96	16	1.3	100	1430	10	<1	20	<1	44	7	41	23
99500	51350E	6	2	1	32	351	31	0.8	4	777	<10	<1	<1	<1	248	<1	<5	1
99500	51375E	5	5	3	30	321	22	0.8	9	852	<10	<1	1	<1	206	<1	5	3
99500	51400E	24	17	15	23	153	5	<0.5	49	671	10	<1	9	<1	86	<1	6	15
99500	51425E	28	40	33	17	222	<5	<0.5	106	1770	10	<1	19	<1	146	<1	7	33
99500	51450E	6	62	16	11	322	17	<0.5	79	1400	<10	<1	11	<1	79	<1	8	36
99500	51475E	11	50	32	16	210	<5	<0.5	117	2440	10	<1	20	<1	159	<1	6	40
99500	51500E	4	130	36	15	302	<5	<0.5	181	1200	20	<1	26	<1	23	<1	10	82
99500	51525E	4	44	12	10	280	17	<0.5	57	1410	<10	<1	8	<1	71	<1	6	27
99500	51550E	5	59	14	17	288	8	<0.5	74	2510	20	<1	11	<1	89	<1	6	34
L 9950N, Nonam																		
99550	50850E	28	67	105	<5	195	6	1.1	213	330	50	<1	44	<1	42	<1	21	55
99550	50875E	34	63	105	7	193	12	1.7	206	491	70	<1	44	<1	48	<1	37	52
99550	50900E	20	139	158	18	217	8	<0.5	380	526	40	<1	72	<1	63	<1	19	109
99550	50925E	28	117	152	16	147	6	0.7	344	511	60	<1	70	<1	94	<1	29	97
99550	50950E	25	46	73	6	143	13	0.8	156	236	30	<1	32	<1	56	<1	19	40
99550	50975E	22	153	149	19	309	13	<0.5	373	975	60	<1	70	<1	37	<1	19	109
99550	51000E	30	113	188	9	144	8	1.1	396	363	30	<1	81	<1	95	<1	32	100
99550	51025E	27	93	132	10	167	8	0.7	297	484	30	<1	60	<1	67	<1	22	79
99550	51050E	15	137	121	7	224	5	0.5	337	569	20	<1	58	<1	42	<1	14	100
99550	51075E	25	160	186	9	186	5	0.8	445	622	40	<1	84	<1	64	<1	24	127
99550	51100E	11	23	9	<5	162	18	<0.5	35	625	20	<1	5	<1	36	<1	6	14
99550	51125E	14	168	124	22	318	<5	<0.5	362	1120	80	<1	66	<1	30	<1	14	118
99550	51150E	17	136	112	38	270	7	0.5	324	716	60	<1	58	<1	52	<1	11	103
99550	51175E	9	84	31	7	247	7	<0.5	138	643	60	<1	21	<1	51	<1	7	54
99550	51200E	10	15	3	<5	316	<5	<0.5	12	201	<10	<1	2	<1	<5	<1	5	6

		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99500	50875E	<1	5410	<1	2	<10	3.5	13	0.5	13	<1	72	4	800	15
99500	50900E	<1	4800	<1	25	<10	24	13	0.6	53	<1	798	54	250	85
99500	50925E	<1	4310	<1	23	<10	29	49	0.5	41	<1	646	52	280	90
99500	50950E	<1	4390	<1	21	<10	25	27	<0.5	47	<1	637	45	290	83
99500	50975E														
99500	51000E	<1	5650	<1	14	<10	16	18	<0.5	36	<1	437	27	1250	67
99500	51025E	<1	4910	<1	10	<10	11	16	<0.5	62	<1	276	17	200	59
99500	51050E	<1	3770	<1	20	<10	19	16	<0.5	27	<1	599	42	340	71
99500	51075E	<1	5260	<1	19	<10	17	10	<0.5	35	<1	554	35	190	57
99500	51100E	<1	4260	<1	12	<10	16	7	<0.5	35	<1	388	24	370	48
99500	51125E	<1	11000	<1	7	<10	3.7	<3	<0.5	16	<1	224	13	20	11
99500	51150E	<1	8170	<1	17	<10	16	3	<0.5	25	<1	520	42	820	25
99500	51175E	<1	8460	<1	19	<10	14	4	<0.5	30	<1	598	40	400	37
99500	51200E	<1	6720	<1	18	<10	16	4	<0.5	32	<1	554	35	470	52
99500	51225E	<1	1940	<1	3	<10	6.2	28	<0.5	76	<1	147	15	<20	31
99500	51250E	<1	1550	<1	2	<10	3.4	57	<0.5	127	<1	56	6	<20	23
99500	51275E	<1	2510	<1	4	<10	10	18	<0.5	196	<1	182	21	<20	65
99500	51300E	<1	1680	<1	3	<10	2.8	116	0.7	378	<1	128	14	<20	55
99500	51325E	<1	1880	<1	3	<10	4.7	43	<0.5	579	<1	158	18	<20	41
99500	51350E	<1	3910	<1	<1	<10	0.7	35	<0.5	56	<1	11	1	80	31
99500	51375E	<1	3060	<1	<1	<10	1.8	44	<0.5	51	<1	24	2	50	34
99500	51400E	<1	3420	<1	2	<10	3.7	10	<0.5	44	<1	69	5	170	20
99500	51425E	<1	3840	<1	5	<10	4.5	<3	0.6	151	<1	162	13	50	35
99500	51450E	<1	5190	<1	9	<10	5.4	<3	<0.5	106	<1	309	23	30	14
99500	51475E	<1	3470	<1	7	<10	8	5	0.8	217	<1	184	13	130	27
99500	51500E	<1	5020	<1	18	<10	9.2	<3	<0.5	160	<1	537	42	<20	22
99500	51525E	<1	4510	<1	6	<10	4.8	4	<0.5	170	<1	189	15	20	14
99500	51550E	<1	4780	<1	9	<10	7.6	<3	1	141	1	273	25	<20	21
L 99550N, Nonam															
99550	50850E	<1	4890	<1	10	<10	16	38	<0.5	24	<1	281	17	530	57
99550	50875E	<1	4310	<1	9	<10	13	179	<0.5	139	<1	299	19	3550	76
99550	50900E	<1	5780	<1	21	<10	24	18	<0.5	49	<1	586	39	140	55
99550	50925E	<1	4600	<1	18	<10	13	40	<0.5	30	<1	504	35	320	73
99550	50950E	<1	3970	<1	7	<10	9.6	49	<0.5	18	<1	194	11	1450	46
99550	50975E	<1	7370	<1	23	<10	14	12	<0.5	74	<1	768	52	770	52
99550	51000E	<1	4050	<1	17	<10	16	42	<0.5	30	<1	505	31	410	104
99550	51025E	<1	3340	<1	13	<10	14	31	<0.5	20	<1	365	23	260	66
99550	51050E	<1	4500	<1	19	<10	12	17	<0.5	28	<1	591	31	50	47
99550	51075E	<1	4480	<1	23	<10	15	23	<0.5	34	<1	716	44	560	80
99550	51100E	<1	5170	<1	3	<10	2.6	14	<0.5	15	<1	106	6	40	19
99550	51125E	<1	10100	<1	27	<10	8.1	7	<0.5	22	<1	839	65	310	36
99550	51150E	<1	6130	<1	20	<10	12	13	<0.5	31	<1	629	41	390	50
99550	51175E	<1	9070	<1	12	<10	9.2	11	<0.5	32	<1	360	21	640	22
99550	51200E	<1	11100	<1	2	<10	1.2	3	<0.5	12	<1	98	7	50	7

		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Dy	Er	Eu
DETECTION		1	1	10	0.1	10	1	10	1	5	5	100	10	1	0.5	0.5
UNITS		PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99550	51225E	19	7	<10	0.1	730	<1	1030	14	28	35	<100	4710	20	8.9	5.3
99550	51250E	<1	17	20	<0.1	800	<1	460	1	49	98	<100	4790	11	8.7	2.8
99550	51275E	<1	13	30	<0.1	810	<1	420	<1	46	89	<100	3220	9	7.4	2.3
99550	51300E	<1	13	30	<0.1	640	<1	330	<1	56	116	<100	2320	13	10.7	3.4
99550	51325E															
99550	51350E	3	4	<10	0.1	2210	<1	980	2	61	133	<100	4440	31	16.1	7.7
99550	51375E	2	9	<10	0.2	2820	<1	880	5	162	269	<100	7420	30	16.6	10.1
99550	51400E	16	5	<10	0.2	2340	<1	730	6	228	447	<100	9680	31	19.4	10
99550	51425E	10	4	<10	0.3	1800	<1	940	4	195	80	<100	3660	78	39.1	18
99550	51450E	9	6	<10	0.1	1690	<1	990	8	68	59	<100	2590	36	17.2	8.3
99550	51475E	8	5	10	0.3	1680	<1	850	3	60	40	<100	6220	85	43.7	20.2
99550	51500E	4	9	<10	<0.1	1580	<1	960	38	243	42	<100	620	55	30	14.2
99550	51525E	7	3	<10	<0.1	1510	<1	950	14	<5	7	<100	2320	7	3.4	1.8
99550	51550E	12	3	<10	0.2	2160	<1	950	8	26	31	<100	3840	51	26.7	12.4
L 99600N, Noname																
99600	50850E	27	33	<10	0.2	2680	<1	860	17	230	138	<100	5480	138	85.9	26.8
99600	50875E	13	58	<10	<0.1	3470	<1	710	11	618	98	<100	1250	87	49.1	20.5
99600	50900E	10	68	<10	0.1	3320	<1	670	19	511	100	<100	2740	99	63.6	18.7
99600	50925E	28	40	<10	<0.1	3040	<1	680	19	257	61	<100	3200	90	50.3	20.5
99600	50950E	29	17	<10	0.3	1920	<1	740	21	71	66	<100	2690	81	50.9	14.1
99600	50975E	18	20	<10	<0.1	2290	<1	900	11	54	27	<100	1410	28	16.1	5.1
99600	51000E	29	20	<10	<0.1	1470	<1	770	13	63	35	<100	1210	18	9.8	4
99600	51025E	23	47	<10	0.1	1750	<1	790	14	153	30	<100	3900	93	57.7	21.2
99600	51050E	20	5	<10	0.1	310	<1	530	5	<5	78	<100	3100	3	2.7	<0.5
99600	51075E	17	2	10	0.4	590	<1	680	3	<5	36	<100	4760	2	1.2	<0.5
99600	51100E	6	31	<10	<0.1	3870	<1	890	21	198	151	<100	910	78	40.5	17.5
99600	51125E	21	25	<10	<0.1	3380	<1	860	16	269	129	<100	3240	57	30	14.1
99600	51150E	13	37	<10	0.1	2780	<1	900	4	30	93	<100	1220	8	6.8	1
99600	51175E	27	19	<10	0.1	3270	<1	930	11	216	81	<100	2630	95	51.9	21.4
99600	51200E	10	42	<10	<0.1	3230	<1	750	14	271	50	<100	790	63	34.3	14
99600	51225E	<1	9	20	<0.1	390	<1	380	<1	16	74	<100	1420	4	3	0.9
99600	51250E															
99600	51275E	<1	3	20	<0.1	220	<1	220	<1	<5	86	<100	360	1	1.1	<0.5
99600	51300E															
99600	51325E															
99600	51350E	<1	14	20	0.1	680	<1	380	<1	52	77	<100	4720	13	9.8	3.5
99600	51375E	<1	1	10	<0.1	210	<1	160	<1	<5	85	<100	60	<1	0.8	<0.5
99600	51400E	2	2	<10	0.3	910	<1	340	5	61	214	<100	15100	21	21.1	3.8
99600	51425E	4	4	<10	0.3	720	<1	420	10	48	296	<100	6990	11	8.5	3
99600	51450E	10	5	<10	0.3	710	<1	520	3	46	85	<100	5010	69	53.3	9.1
99600	51475E	10	5	<10	0.2	620	<1	460	7	29	133	<100	3900	50	41.2	5.2
99600	51500E	11	4	<10	0.3	550	<1	440	5	10	166	<100	6220	31	26.4	2.5
99600	51525E	15	2	<10	0.7	510	<1	490	5	6	184	<100	3900	30	24.5	2.5

		Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
DETECTION		1	1	1	5	1	5	0.5	1	5	10	1	1	1	5	1	5	1
UNITS		PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99550	51225E	8	27	11	5	289	27	<0.5	46	601	10	<1	7	<1	36	<1	9	18
99550	51250E	228	13	21	15	79	31	1.5	52	1240	<10	<1	10	<1	<5	11	30	12
99550	51275E	148	11	20	10	77	52	1.4	47	1480	<10	<1	9	<1	20	10	25	10
99550	51300E	286	17	24	7	63	18	1.7	64	1900	<10	<1	12	<1	6	4	26	14
99550	51325E																	
99550	51350E	11	42	33	12	321	29	<0.5	97	1380	<10	<1	17	<1	90	<1	10	29
99550	51375E	29	47	63	21	277	15	<0.5	169	2520	10	<1	32	<1	129	1	13	43
99550	51400E	91	46	90	12	219	43	0.7	212	3530	<10	<1	42	<1	88	<1	25	45
99550	51425E	10	95	44	15	289	20	<0.5	164	1120	10	<1	26	<1	83	<1	14	62
99550	51450E	7	44	17	10	309	<5	<0.5	69	1440	10	<1	11	<1	127	<1	11	29
99550	51475E	6	111	46	19	270	33	<0.5	174	977	10	<1	27	<1	73	<1	14	69
99550	51500E	19	75	46	13	320	17	<0.5	158	2140	20	<1	26	<1	107	<1	12	53
99550	51525E	6	10	4	13	319	26	<0.5	16	1070	<10	<1	2	<1	129	<1	7	7
99550	51550E	5	67	20	18	370	<5	<0.5	94	1500	20	<1	13	<1	52	<1	10	41
L 99600N, Nonam																		
99600	50850E	15	150	127	14	265	<5	0.5	321	1010	50	<1	59	<1	27	<1	24	100
99600	50875E	31	110	187	22	151	14	1.8	362	448	50	<1	78	<1	69	<1	49	91
99600	50900E	25	105	142	16	160	11	1	286	788	130	<1	60	<1	64	<1	71	80
99600	50925E	18	113	134	10	150	17	1	304	459	60	<1	59	<1	56	<1	23	87
99600	50950E	8	83	46	13	339	26	<0.5	138	626	40	<1	23	<1	28	<1	21	50
99600	50975E	11	30	26	6	247	12	<0.5	62	307	30	<1	10	<1	28	<1	17	20
99600	51000E	16	21	31	<5	199	12	1	59	252	20	<1	12	<1	36	<1	16	17
99600	51025E	17	112	96	16	169	31	0.6	263	999	40	<1	47	<1	51	<1	17	81
99600	51050E	4	2	<1	36	185	56	<0.5	<1	925	20	<1	<1	<1	9	<1	<5	<1
99600	51075E	14	1	<1	8	131	66	<0.5	<1	244	<10	<1	<1	<1	<5	1	<5	<1
99600	51100E	20	93	91	6	247	<5	1	227	520	60	<1	43	<1	10	<1	22	70
99600	51125E	12	71	82	11	195	<5	0.7	181	536	50	<1	36	<1	38	1	17	54
99600	51150E	11	7	10	8	227	<5	<0.5	12	170	60	<1	2	<1	7	<1	13	4
99600	51175E	11	118	87	13	203	6	0.6	258	569	40	<1	43	<1	49	<1	18	85
99600	51200E	19	75	79	7	171	11	0.8	185	449	50	<1	35	<1	49	<1	27	57
99600	51225E	56	5	8	7	63	51	0.6	11	401	<10	<1	2	<1	9	7	9	3
99600	51250E																	
99600	51275E	24	1	<1	<5	44	28	<0.5	<1	521	<10	<1	<1	<1	9	2	<5	<1
99600	51300E																	
99600	51325E																	
99600	51350E	148	17	26	11	78	26	1	56	776	20	<1	10	<1	24	9	28	13
99600	51375E	28	<1	<1	<5	59	25	<0.5	<1	682	<10	<1	<1	<1	22	<1	<5	<1
99600	51400E	14	20	26	12	159	13	<0.5	57	2450	10	<1	10	<1	72	1	15	15
99600	51425E	8	14	19	10	211	48	<0.5	49	2280	<10	<1	8	<1	34	<1	7	12
99600	51450E	3	57	8	11	285	<5	<0.5	43	1900	20	<1	5	<1	124	<1	13	26
99600	51475E	4	35	7	12	259	9	<0.5	27	2060	20	<1	3	<1	113	<1	12	14
99600	51500E	3	20	2	12	257	6	<0.5	8	2130	10	<1	<1	<1	105	<1	10	6
99600	51525E	2	18	<1	12	317	<5	<0.5	<1	1160	10	<1	<1	<1	68	<1	7	5

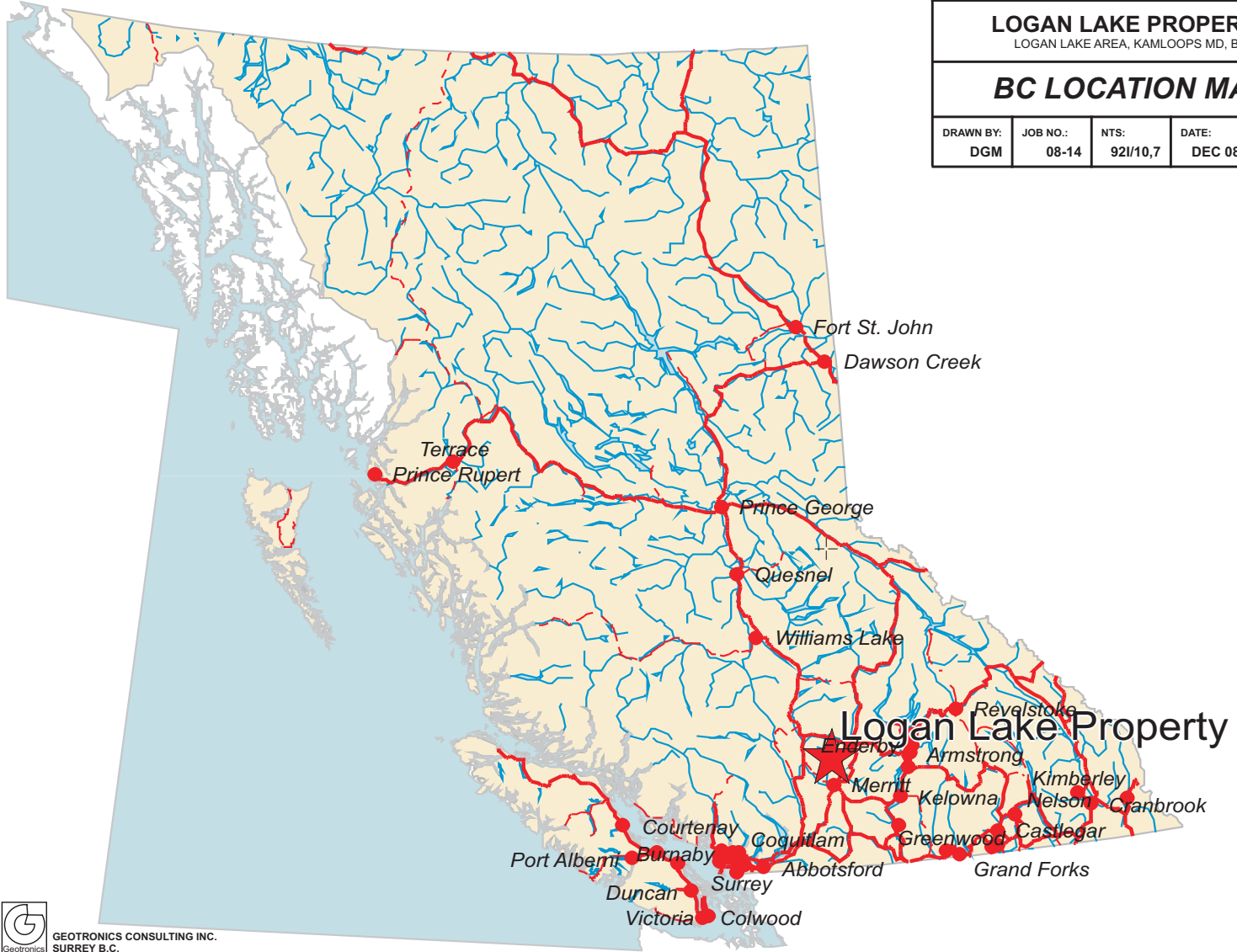
		Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
DETECTION		1	10	1	1	10	0.5	3	0.5	1	1	5	1	20	5
UNITS		PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
99550	51225E	<1	5940	<1	4	<10	3.6	18	<0.5	49	<1	118	6	50	28
99550	51250E	<1	1810	<1	2	<10	1.9	136	<0.5	733	1	101	10	<20	23
99550	51275E	<1	1570	<1	2	<10	1.9	148	<0.5	648	1	86	9	<20	21
99550	51300E	<1	1330	<1	2	<10	1.9	201	<0.5	306	<1	125	12	<20	37
99550	51325E														
99550	51350E	<1	4660	<1	6	<10	14	14	<0.5	98	<1	183	13	<20	25
99550	51375E	<1	4090	<1	6	<10	6.9	12	<0.5	132	<1	201	15	<20	33
99550	51400E	<1	3590	<1	6	<10	9.5	20	<0.5	175	<1	227	21	<20	58
99550	51425E	<1	4550	<1	14	<10	11	13	<0.5	166	<1	420	32	<20	33
99550	51450E	<1	4580	<1	7	<10	7.2	7	<0.5	155	<1	203	14	30	25
99550	51475E	<1	4310	<1	16	<10	9.8	10	<0.5	215	1	470	35	<20	33
99550	51500E	<1	4430	<1	10	<10	7.5	11	<0.5	115	<1	346	24	260	44
99550	51525E	<1	5010	<1	1	<10	0.7	39	<0.5	41	<1	44	3	140	27
99550	51550E	<1	4980	<1	10	<10	4.3	12	<0.5	100	<1	307	20	<20	9
L 99600N, Nonam															
99600	50850E	<1	6280	<1	23	<10	20	17	<0.5	39	<1	702	69	200	61
99600	50875E	<1	4570	<1	17	<10	24	64	<0.5	41	<1	443	41	370	167
99600	50900E	<1	4460	<1	17	<10	24	29	<0.5	46	2	473	57	510	130
99600	50925E	<1	4660	<1	16	<10	21	24	<0.5	46	<1	462	39	510	75
99600	50950E	<1	6210	<1	13	<10	9.3	7	<0.5	51	<1	357	40	750	31
99600	50975E	<1	8610	<1	5	<10	7.3	10	<0.5	40	<1	127	12	430	33
99600	51000E	<1	3990	<1	3	<10	7.3	18	<0.5	25	<1	83	8	470	39
99600	51025E	<1	4370	<1	16	<10	6.8	14	<0.5	76	<1	492	46	150	47
99600	51050E	<1	2660	<1	<1	<10	0.8	<3	<0.5	171	<1	18	3	230	8
99600	51075E	<1	5610	<1	<1	<10	2.4	4	<0.5	41	<1	9	1	<20	14
99600	51100E	<1	7420	<1	14	<10	14	91	<0.5	41	<1	364	33	1050	91
99600	51125E	<1	6780	<1	11	<10	19	16	<0.5	33	<1	281	23	270	64
99600	51150E	<1	10500	<1	1	<10	2.7	4	<0.5	24	<1	44	7	80	13
99600	51175E	<1	6590	<1	17	<10	21	11	<0.5	48	<1	476	37	300	70
99600	51200E	<1	4180	<1	11	<10	11	20	<0.5	33	<1	306	27	580	79
99600	51225E	<1	1350	<1	<1	<10	0.9	53	<0.5	245	<1	26	3	<20	8
99600	51250E														
99600	51275E	<1	620	<1	<1	<10	<0.5	52	<0.5	39	<1	9	1	<20	<5
99600	51300E														
99600	51325E														
99600	51350E	<1	1410	<1	2	<10	2.7	80	<0.5	497	<1	92	11	<20	30
99600	51375E	<1	620	<1	<1	<10	<0.5	26	<0.5	96	<1	6	1	<20	<5
99600	51400E	<1	1990	<1	3	<10	4.3	6	0.6	184	<1	126	25	<20	15
99600	51425E	<1	2530	<1	2	<10	6.8	6	<0.5	183	<1	59	10	<20	20
99600	51450E	<1	3260	<1	10	<10	4.8	6	0.5	184	<1	272	50	20	16
99600	51475E	<1	2960	<1	7	<10	5.7	4	0.5	332	<1	202	40	<20	21
99600	51500E	<1	2760	<1	4	<10	2.5	5	0.6	310	<1	125	25	<20	16
99600	51525E	<1	3350	<1	4	<10	1.8	<3	0.9	135	<1	108	25	<20	11

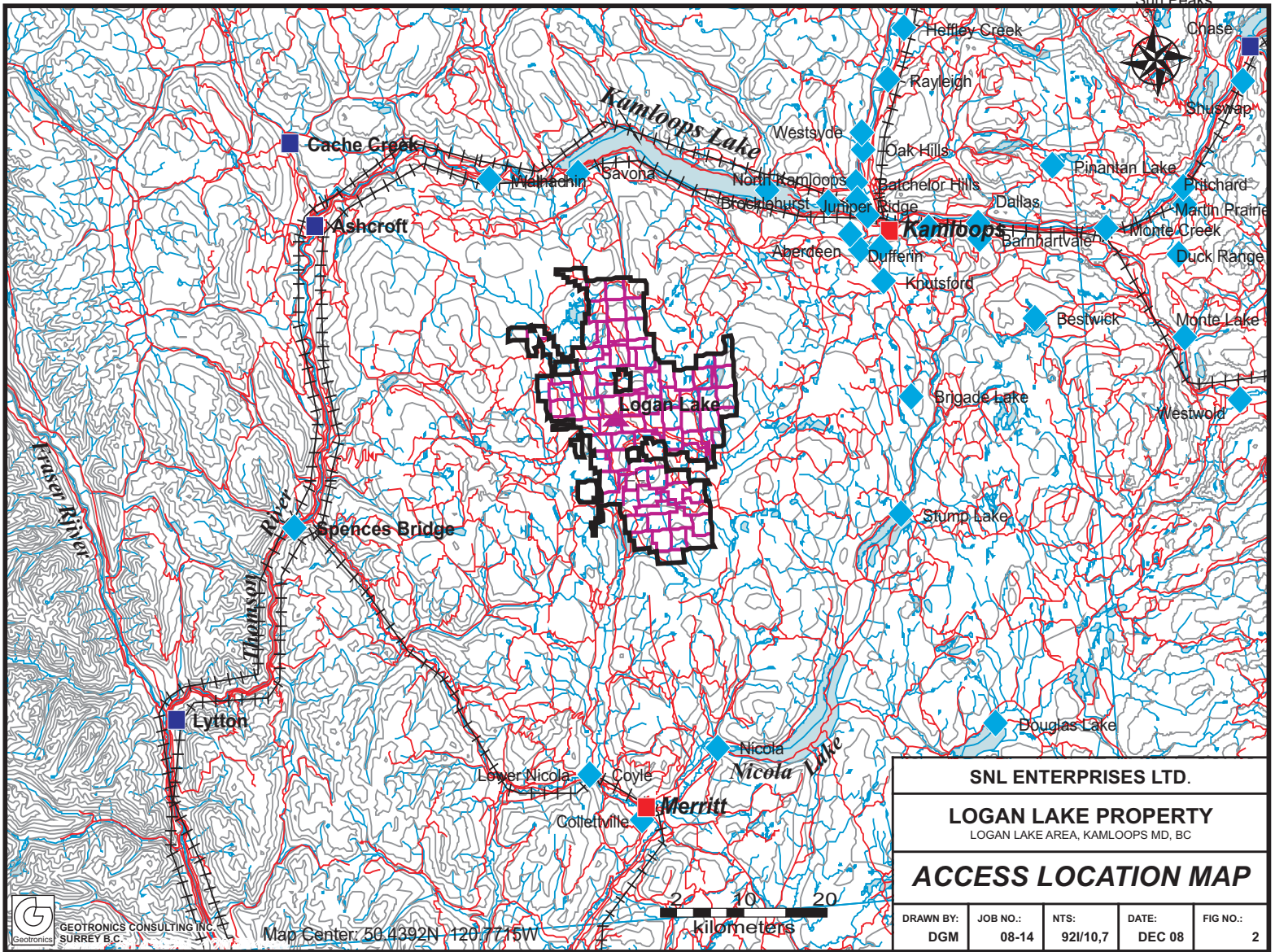
SNL ENTERPRISES LTD.

LOGAN LAKE PROPERTY
LOGAN LAKE AREA, KAMLOOPS MD, BC

BC LOCATION MAP

DRAWN BY: DGM	JOB NO.: 08-14	NTS: 921/10,7	DATE: DEC 08	FIG NO.: 1
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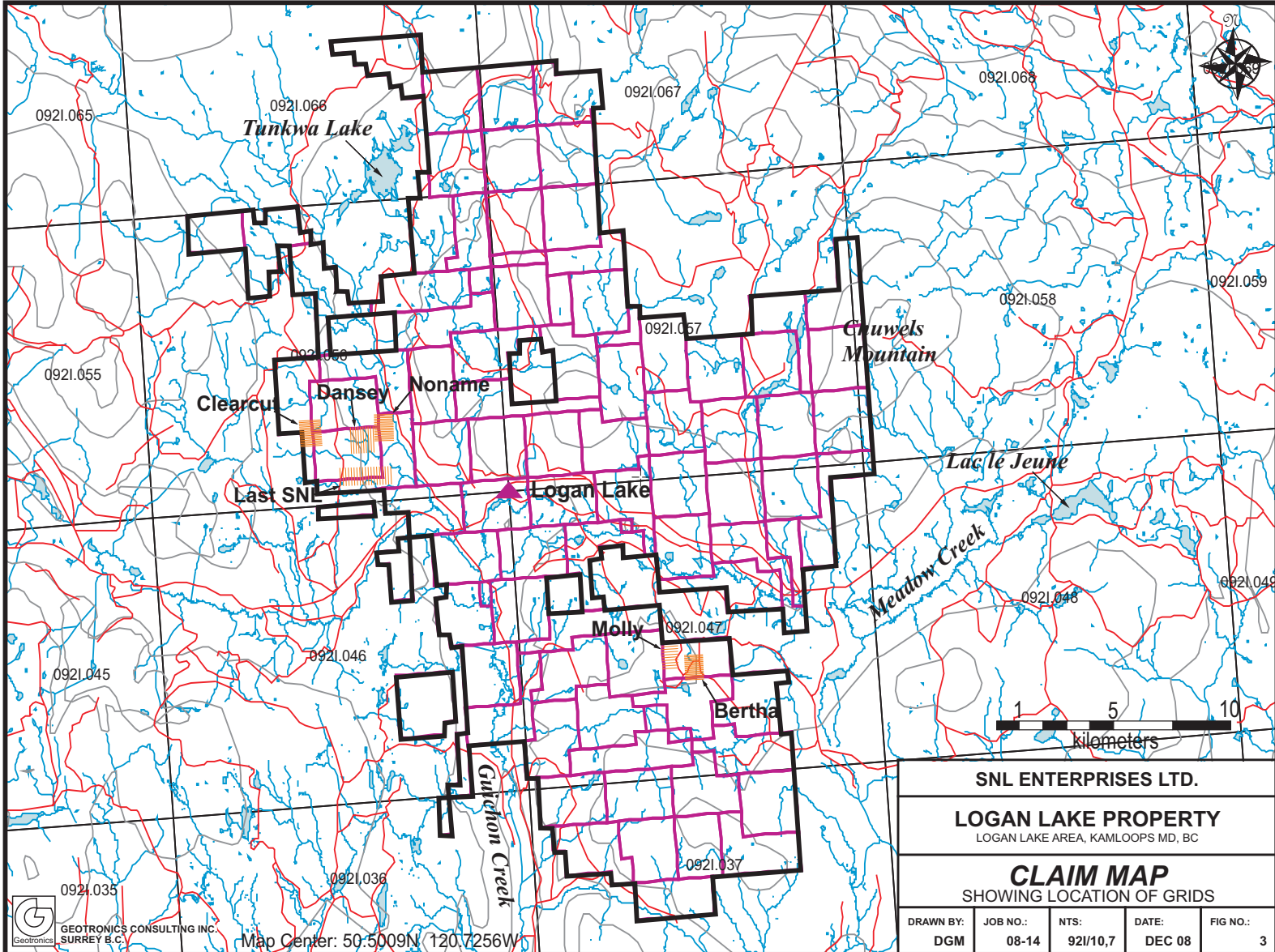




Map Center: 50 4392N 120 77 15W

SNL ENTERPRISES LTD.				
LOGAN LAKE PROPERTY LOGAN LAKE AREA, KAMLOOPS MD, BC				
ACCESS LOCATION MAP				
DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-14	921/10,7	DEC 08	2

 **GEOTRONICS CONSULTING INC.**
SURREY B.C.




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 SURREY B.C.

Map Center: 50.5009N 120.7256W

SNL ENTERPRISES LTD.

LOGAN LAKE PROPERTY
 LOGAN LAKE AREA, KAMLOOPS MD, BC

CLAIM MAP
 SHOWING LOCATION OF GRIDS

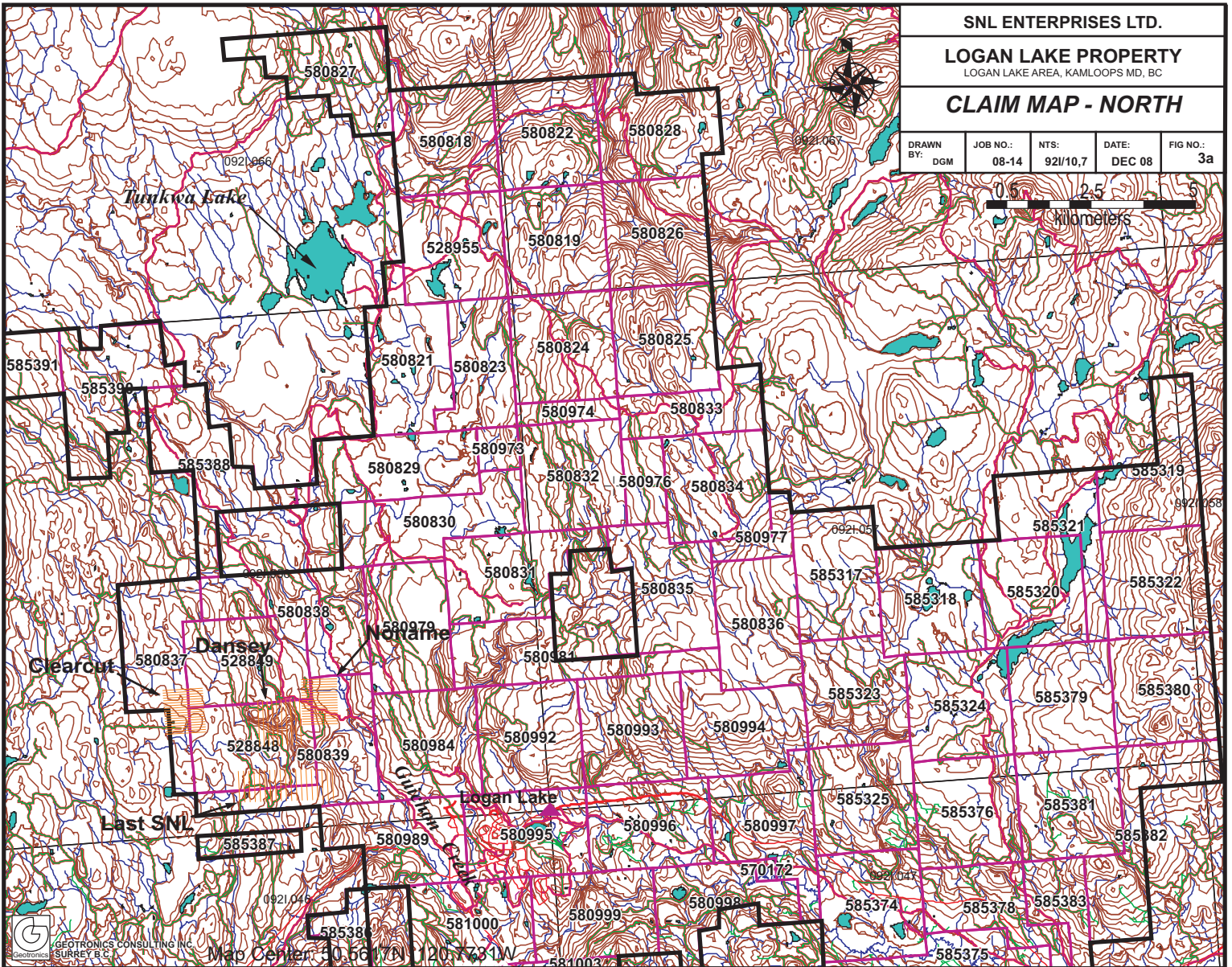
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SNL ENTERPRISES LTD.

LOGAN LAKE PROPERTY
LOGAN LAKE AREA, KAMLOOPS MD, BC

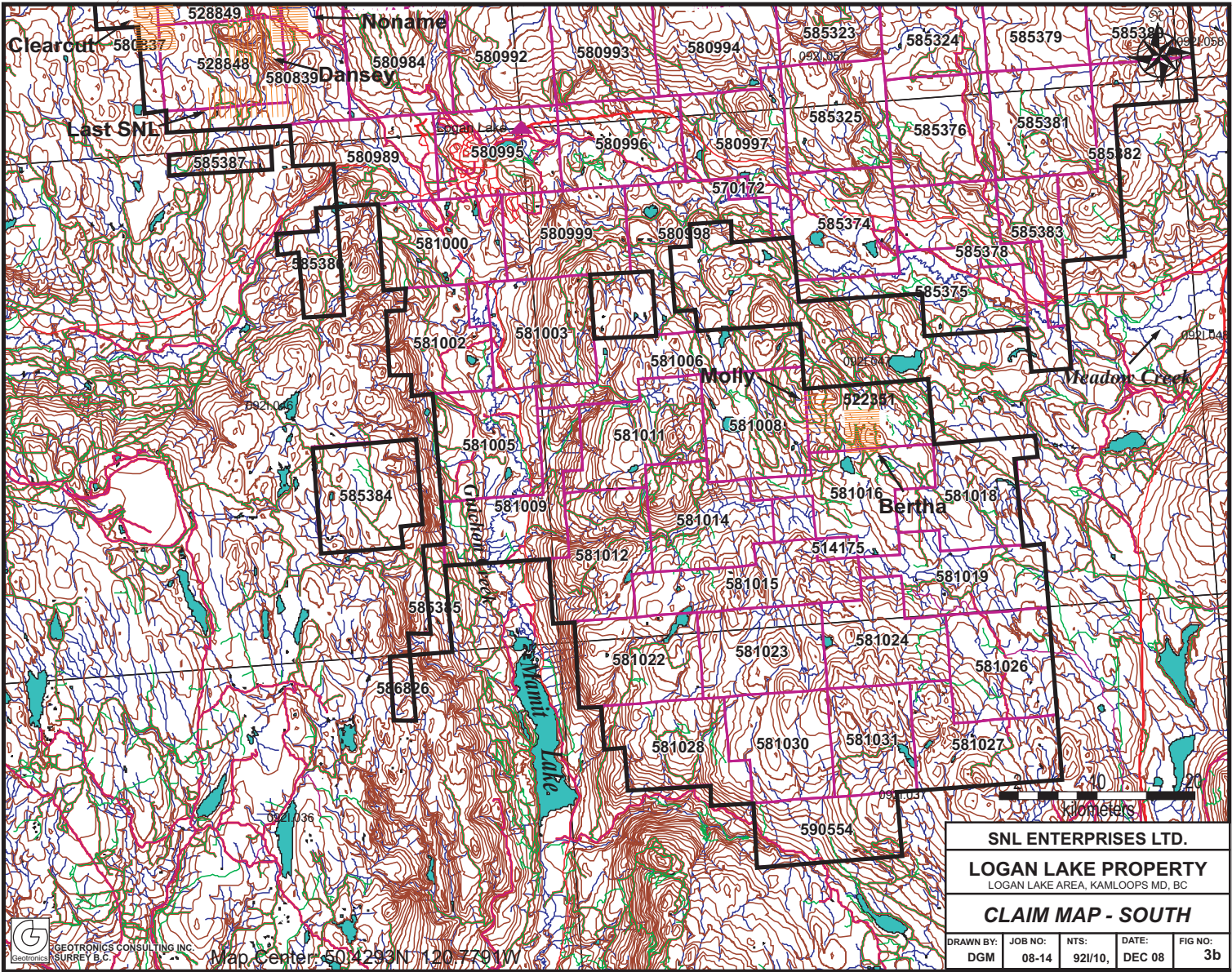
CLAIM MAP - NORTH

DRAWN BY: DGM	JOB NO.: 08-14	NTS: 92/10,7	DATE: DEC 08	FIG NO.: 3a
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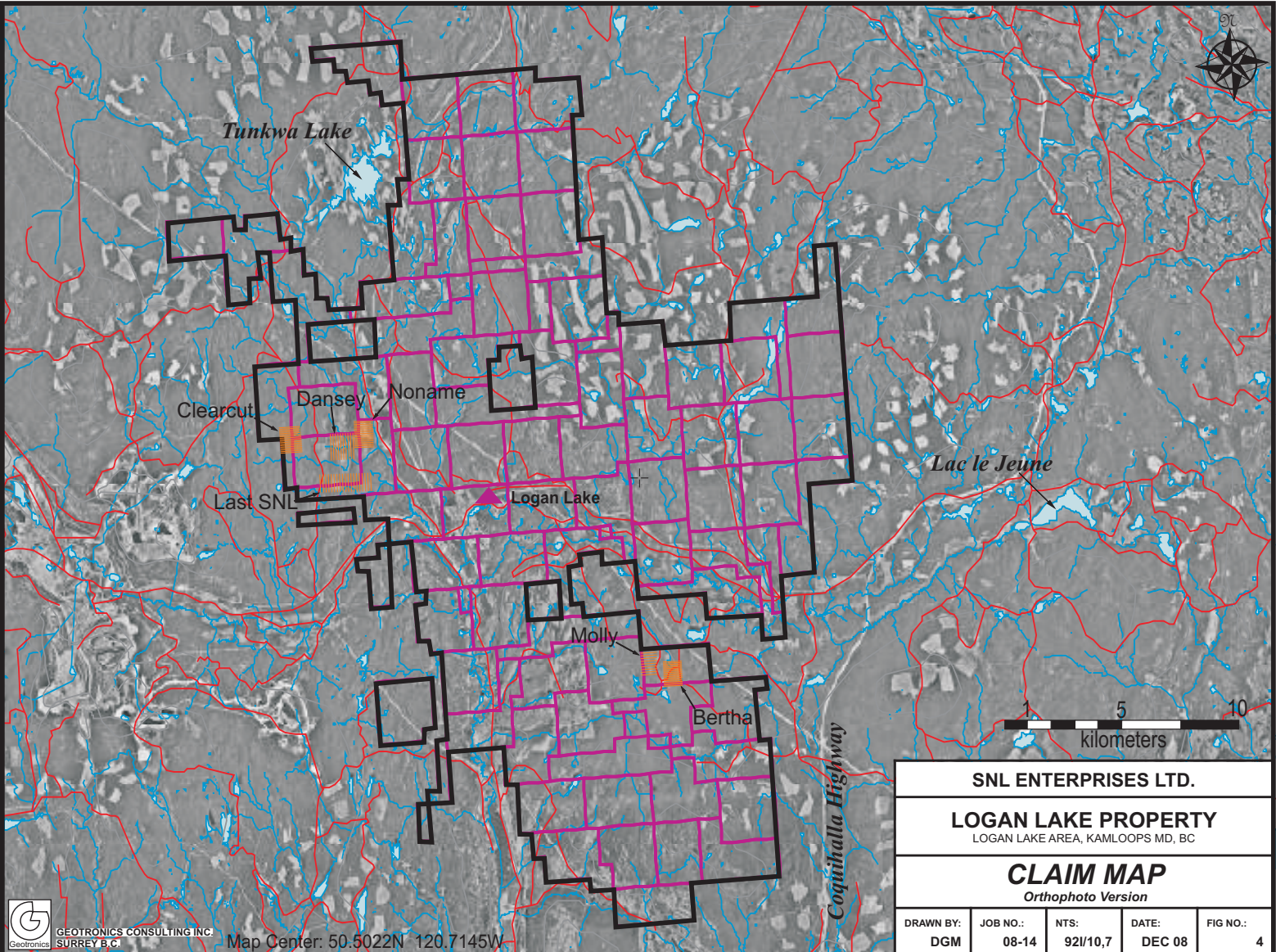
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Map Center: 50 56 17 N 120 57 31 W



SNL ENTERPRISES LTD.				
LOGAN LAKE PROPERTY LOGAN LAKE AREA, KAMLOOPS MD, BC				
CLAIM MAP - SOUTH				
DRAWN BY: DGM	JOB NO.: 08-14	NTS: 92/10,	DATE: DEC 08	FIG NO.: 3b

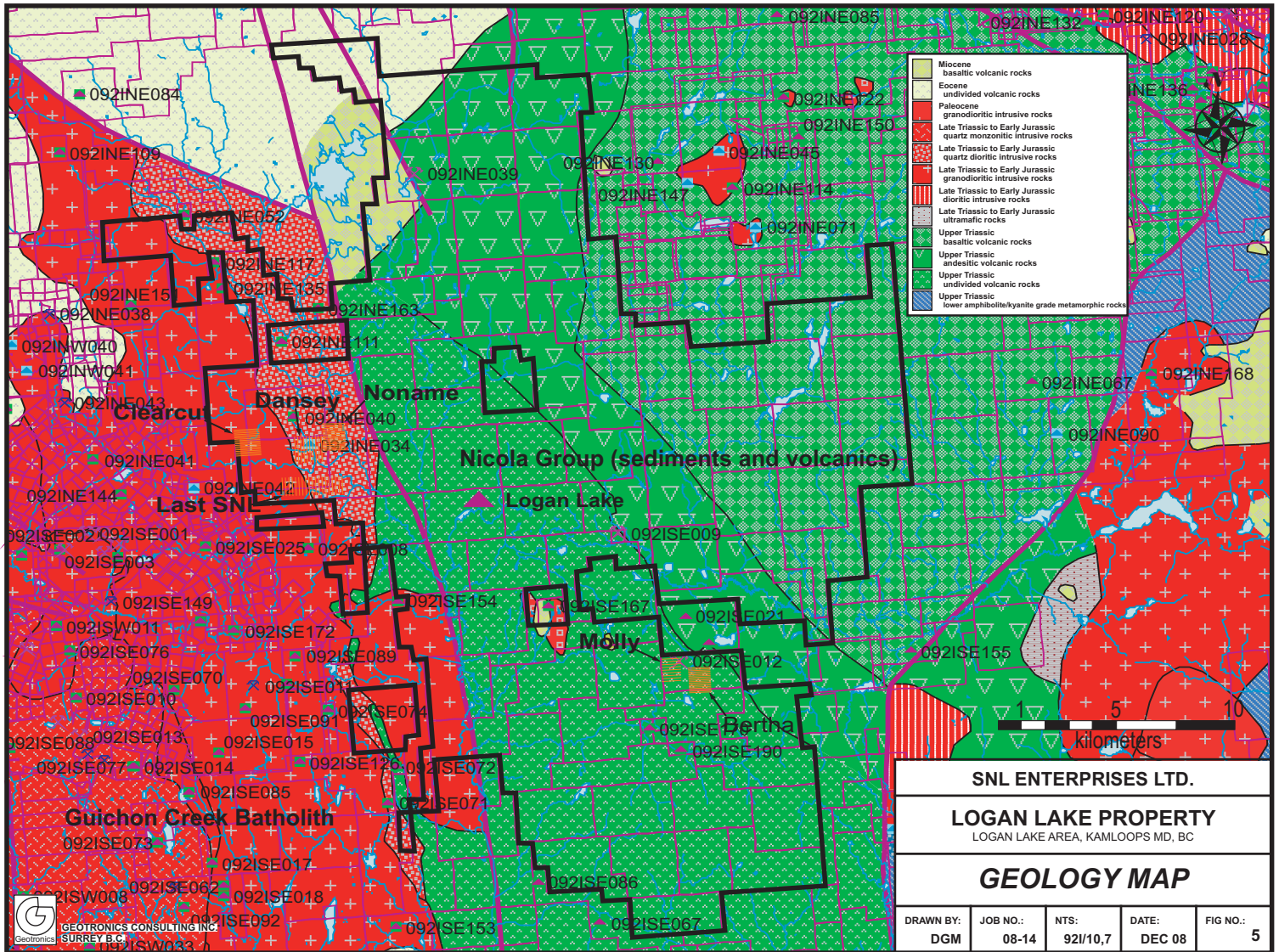
 **GEOTRONICS CONSULTING INC.**
SURREY B.C.




GEOTRONICS CONSULTING INC.
 SURREY, B.C.

Map Center: 50.5022N 120.7145W

SNL ENTERPRISES LTD.				
LOGAN LAKE PROPERTY LOGAN LAKE AREA, KAMLOOPS MD, BC				
CLAIM MAP <i>Orthophoto Version</i>				
DRAWN BY: DGM	JOB NO.: 08-14	NTS: 921/10,7	DATE: DEC 08	FIG NO.: 4



SNL ENTERPRISES LTD.

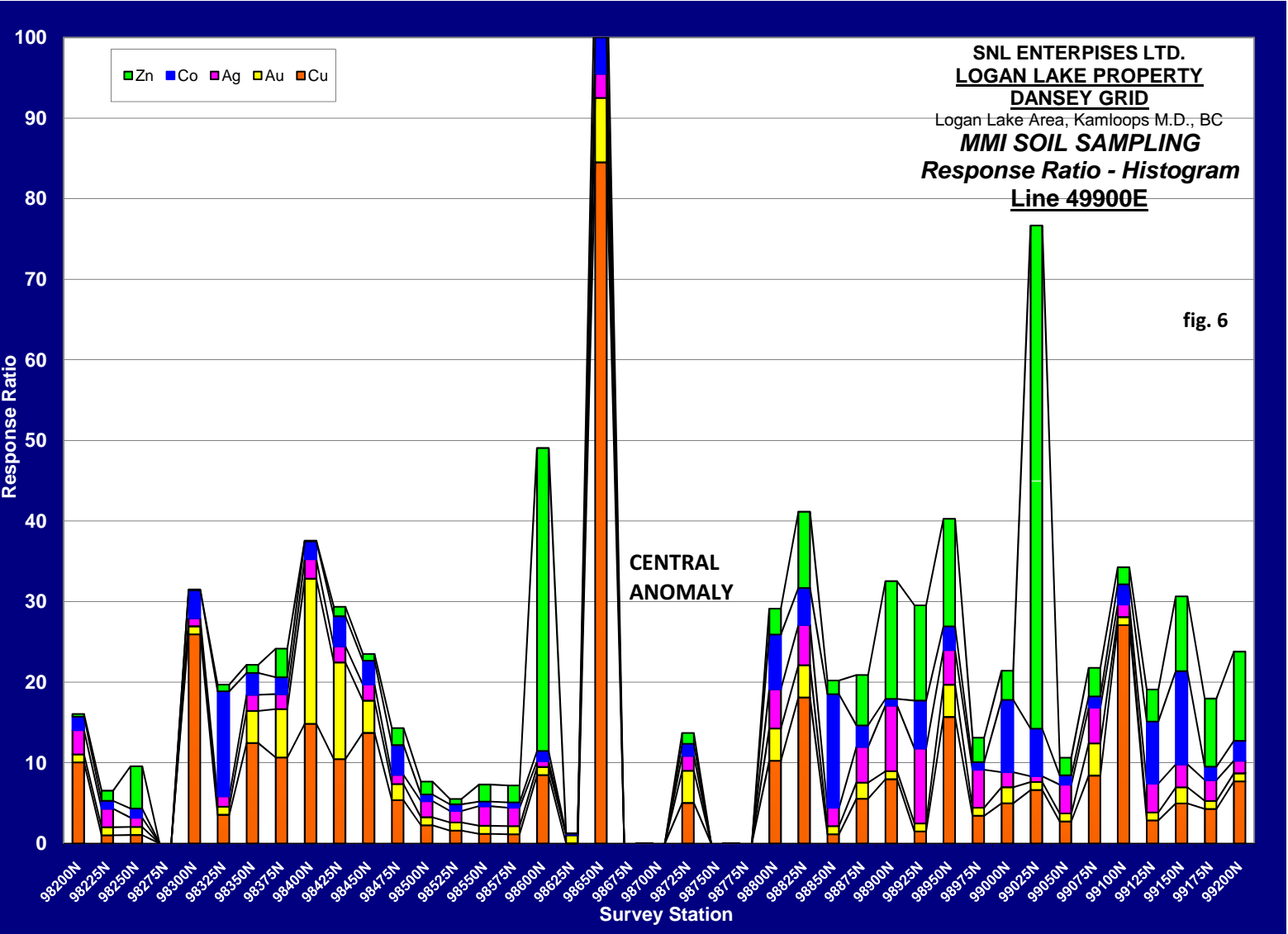
LOGAN LAKE PROPERTY
LOGAN LAKE AREA, KAMLOOPS MD, BC

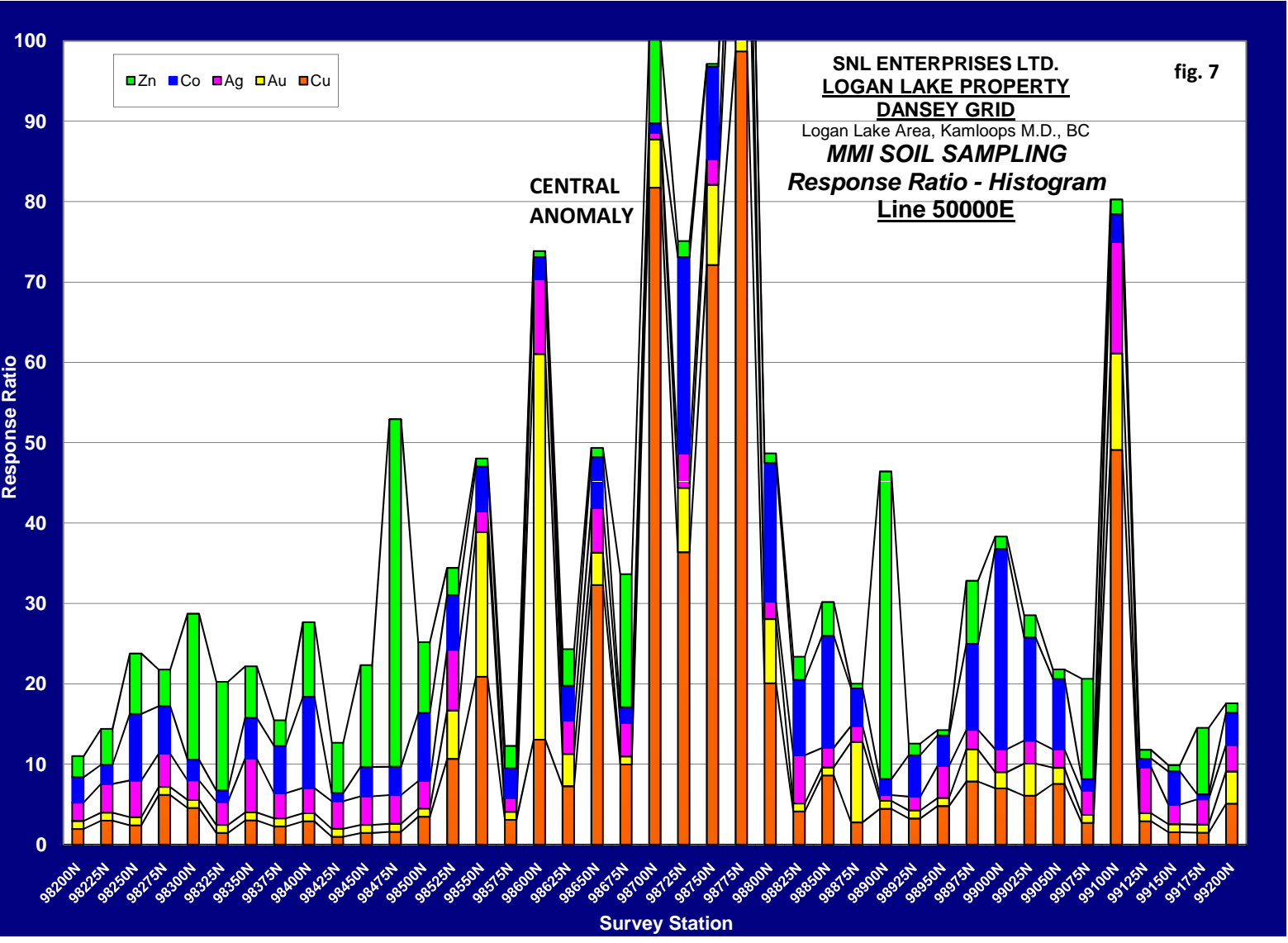
GEOLOGY MAP

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
DGM	08-14	92I/10,7	DEC 08	5

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 49900E

fig. 6





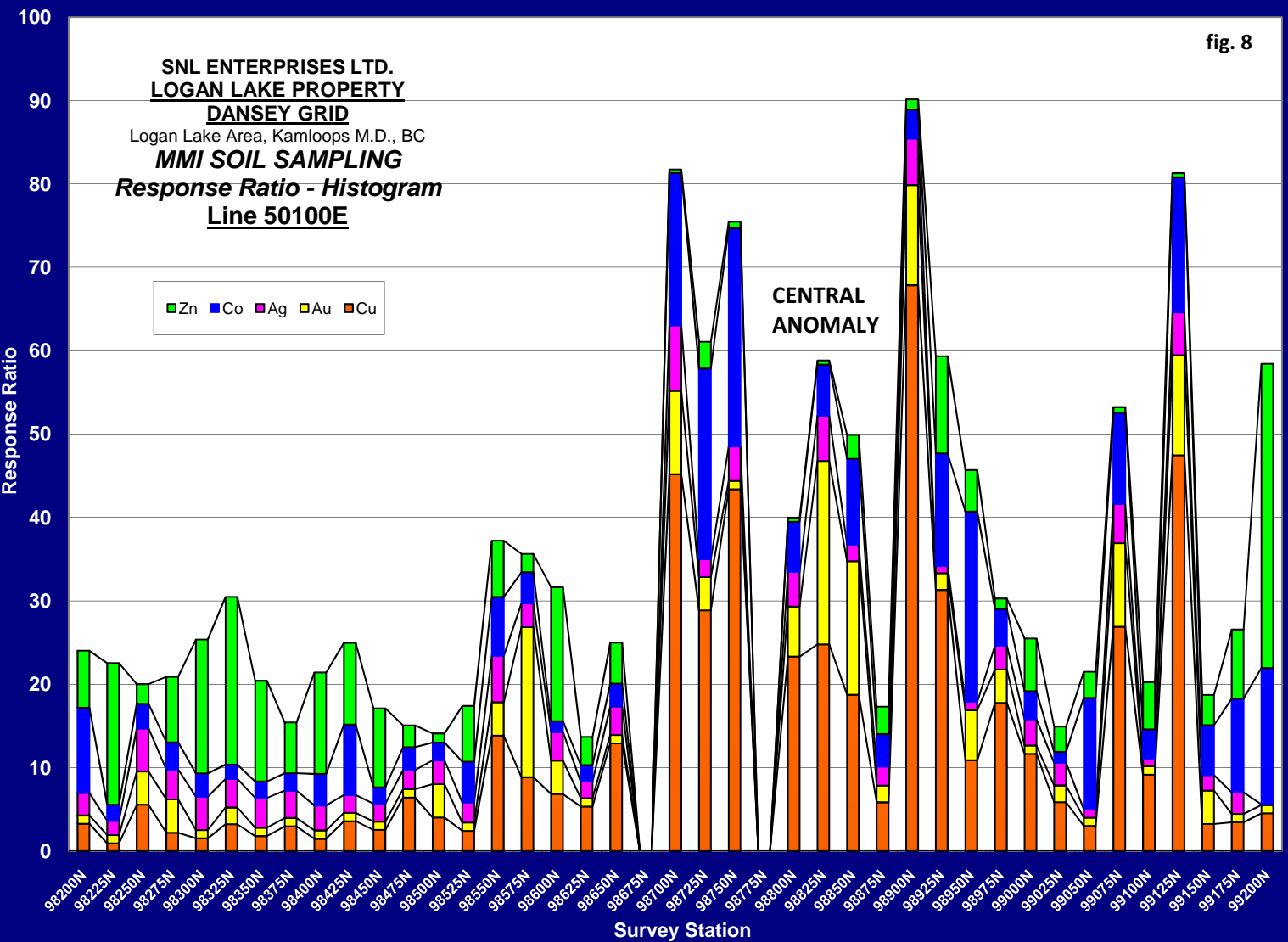
Data Reduced by: GEOTRONICS CONSULTING INC

fig. 8

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50100E

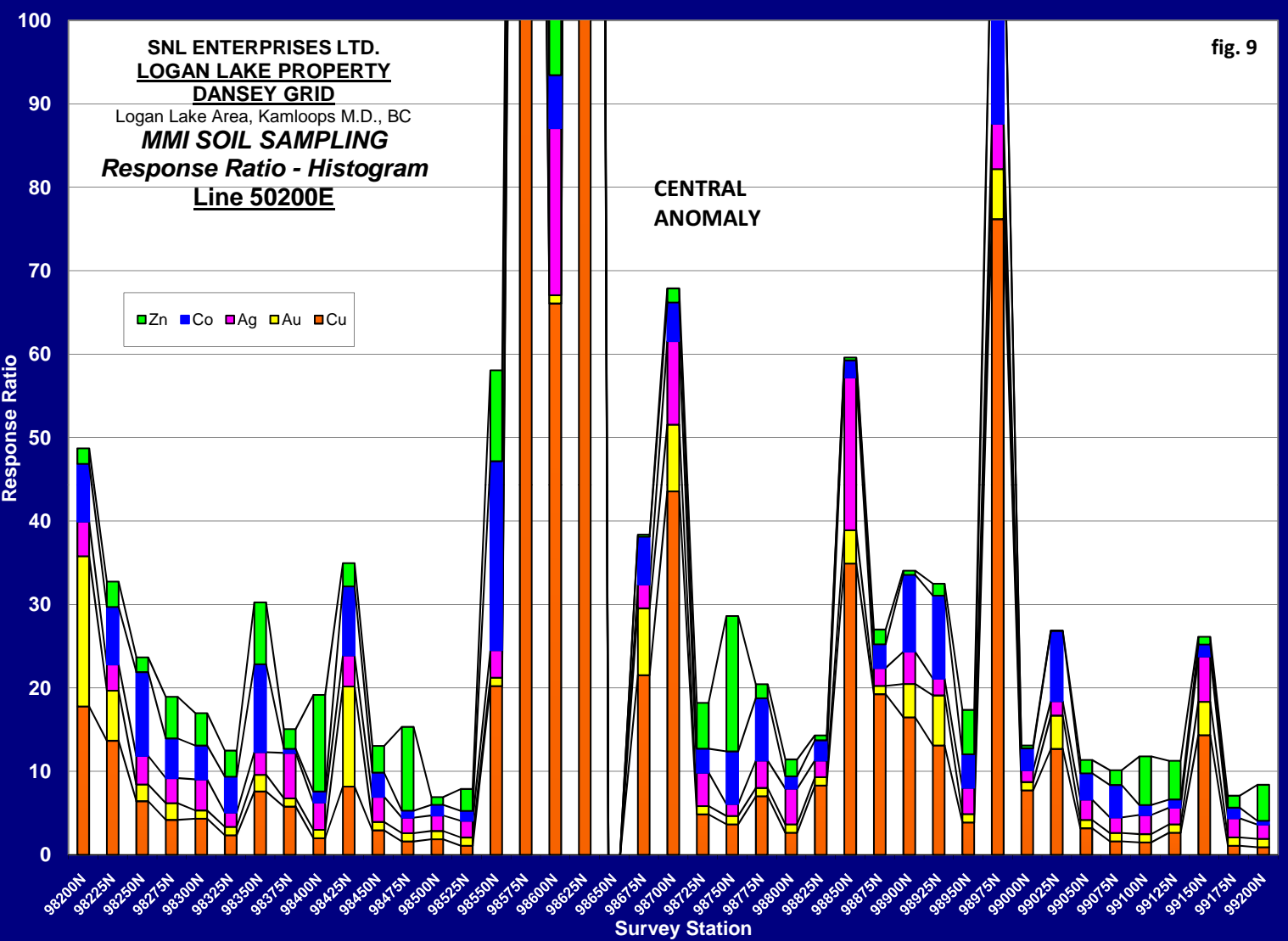
Zn Co Ag Au Cu

CENTRAL ANOMALY



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 9

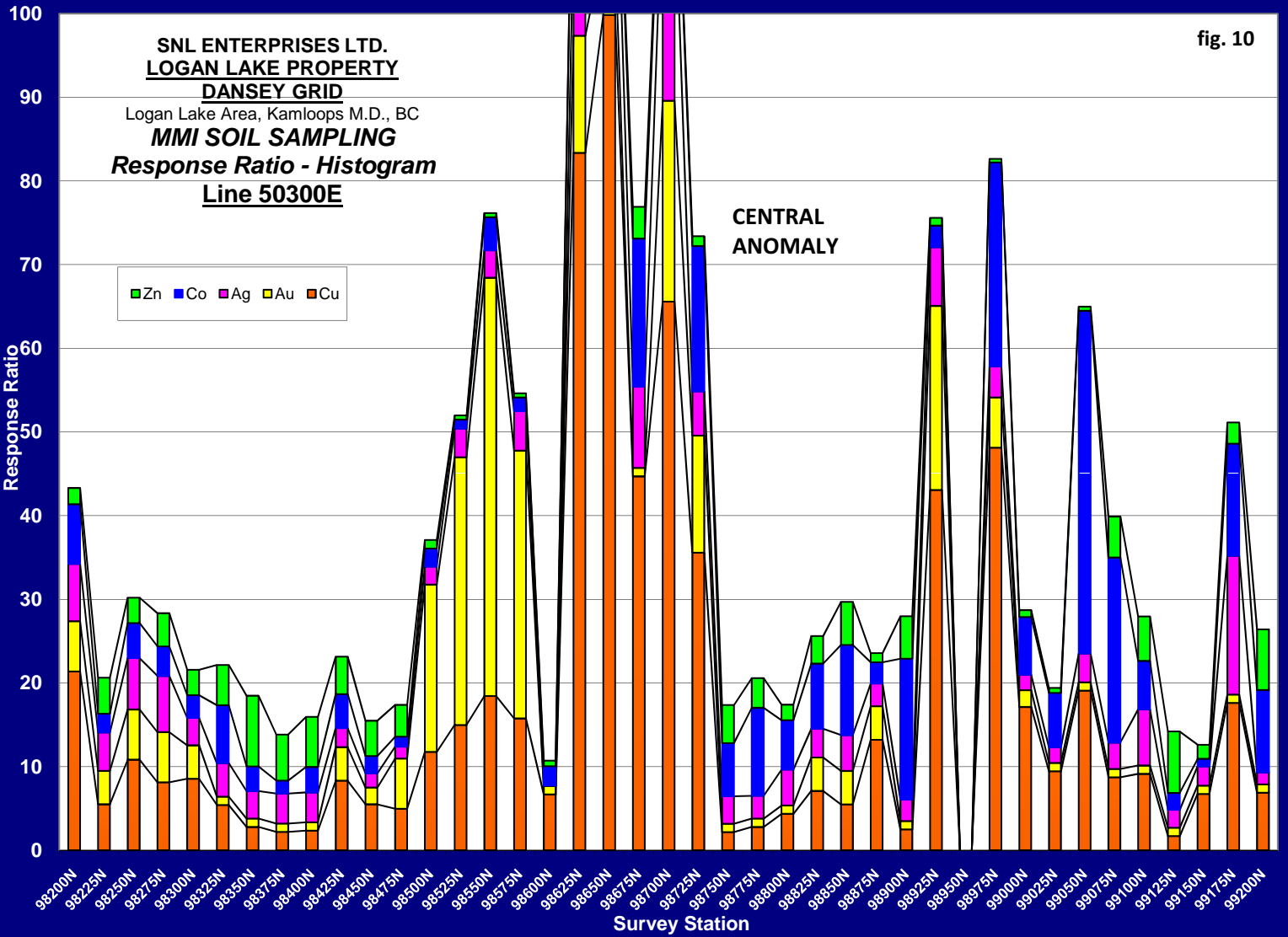


Data Reduced by: GEOTRONICS CONSULTING INC

fig. 10

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50300E

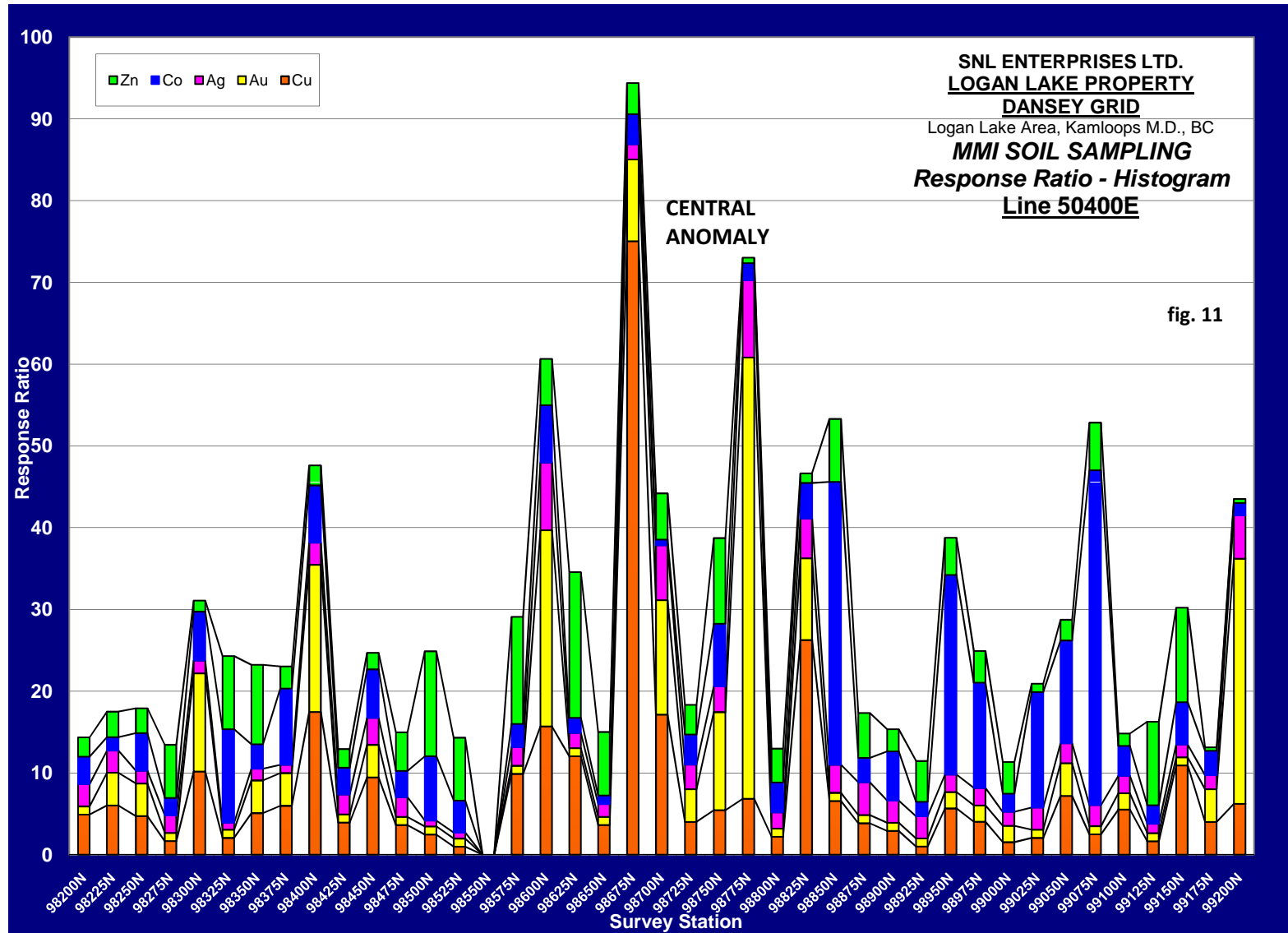
CENTRAL ANOMALY



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
 Response Ratio - Histogram
Line 50400E

fig. 11



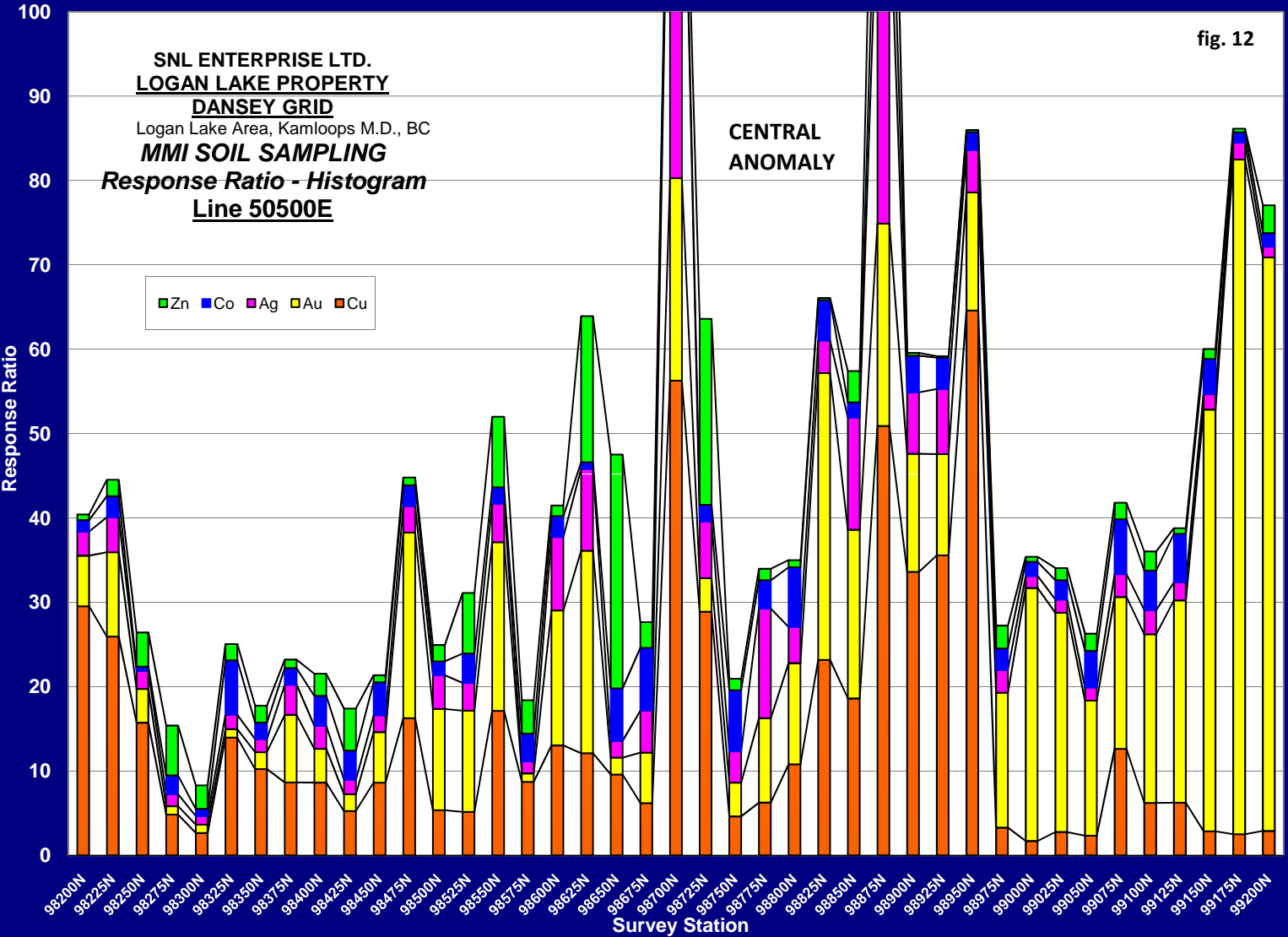
Data Reduced by: GEOTRONICS CONSULTING INC

fig. 12

SNL ENTERPRISE LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50500E

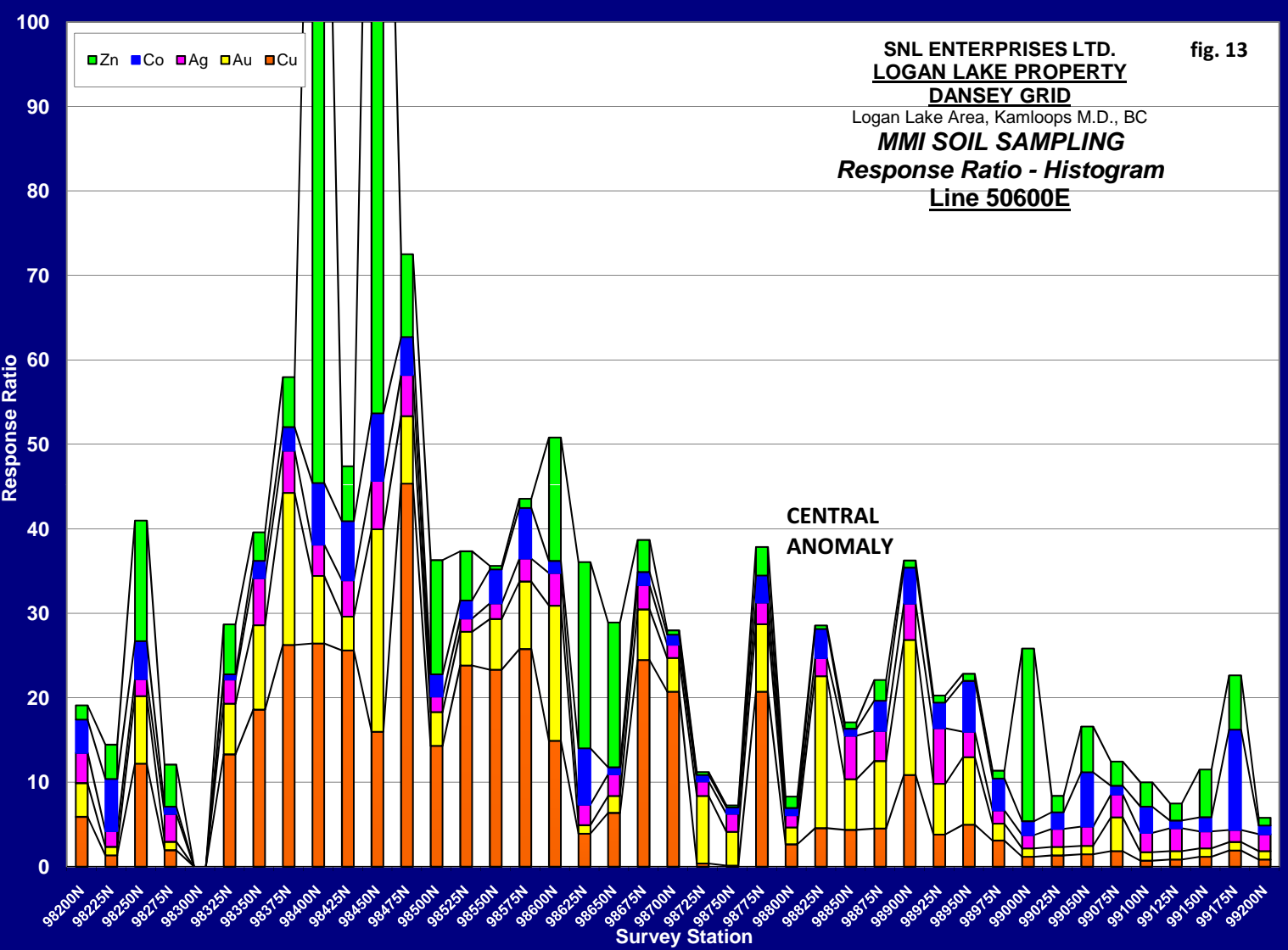
CENTRAL ANOMALY

Zn Co Ag Au Cu



SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50600E

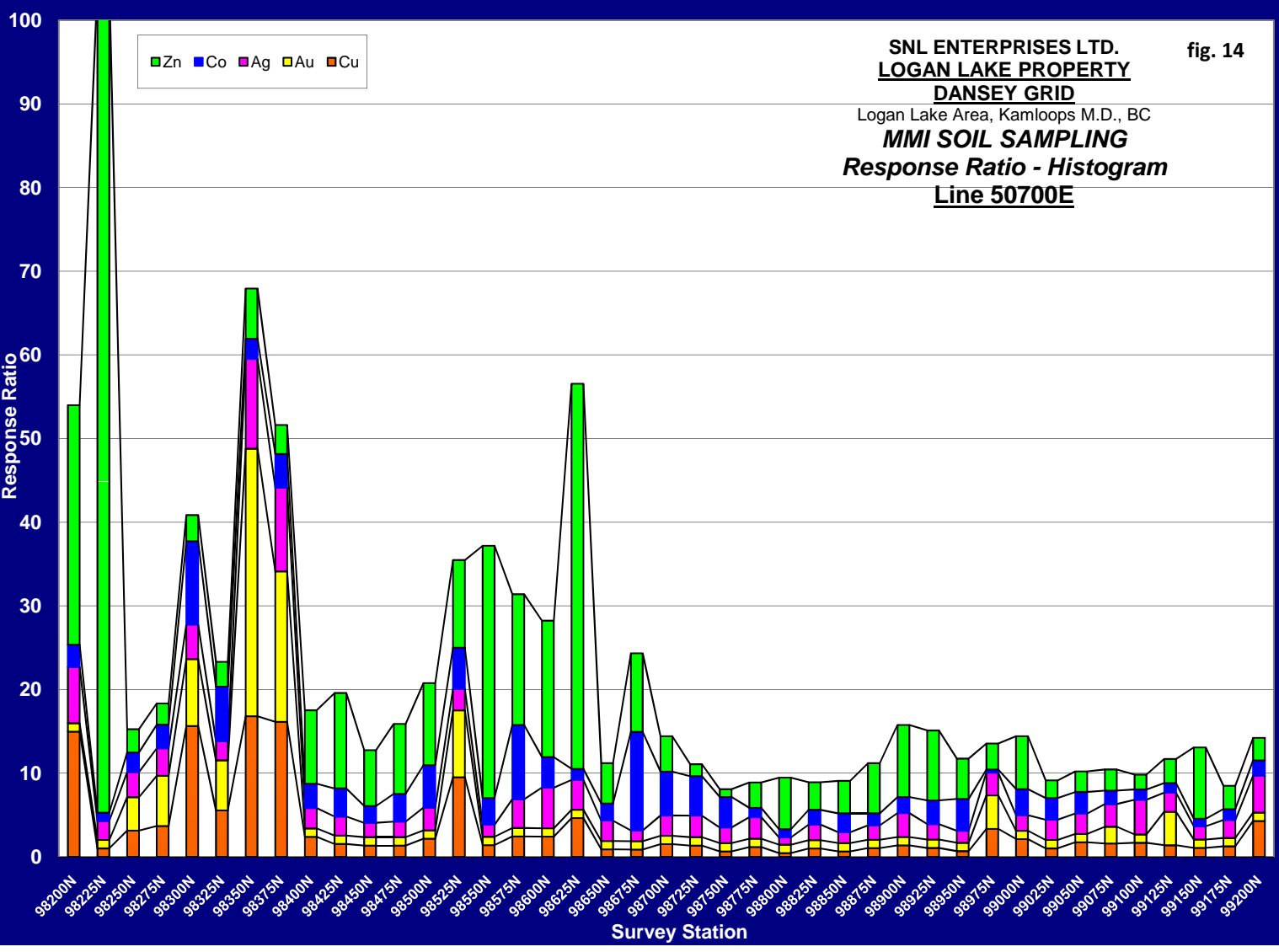
fig. 13



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50700E

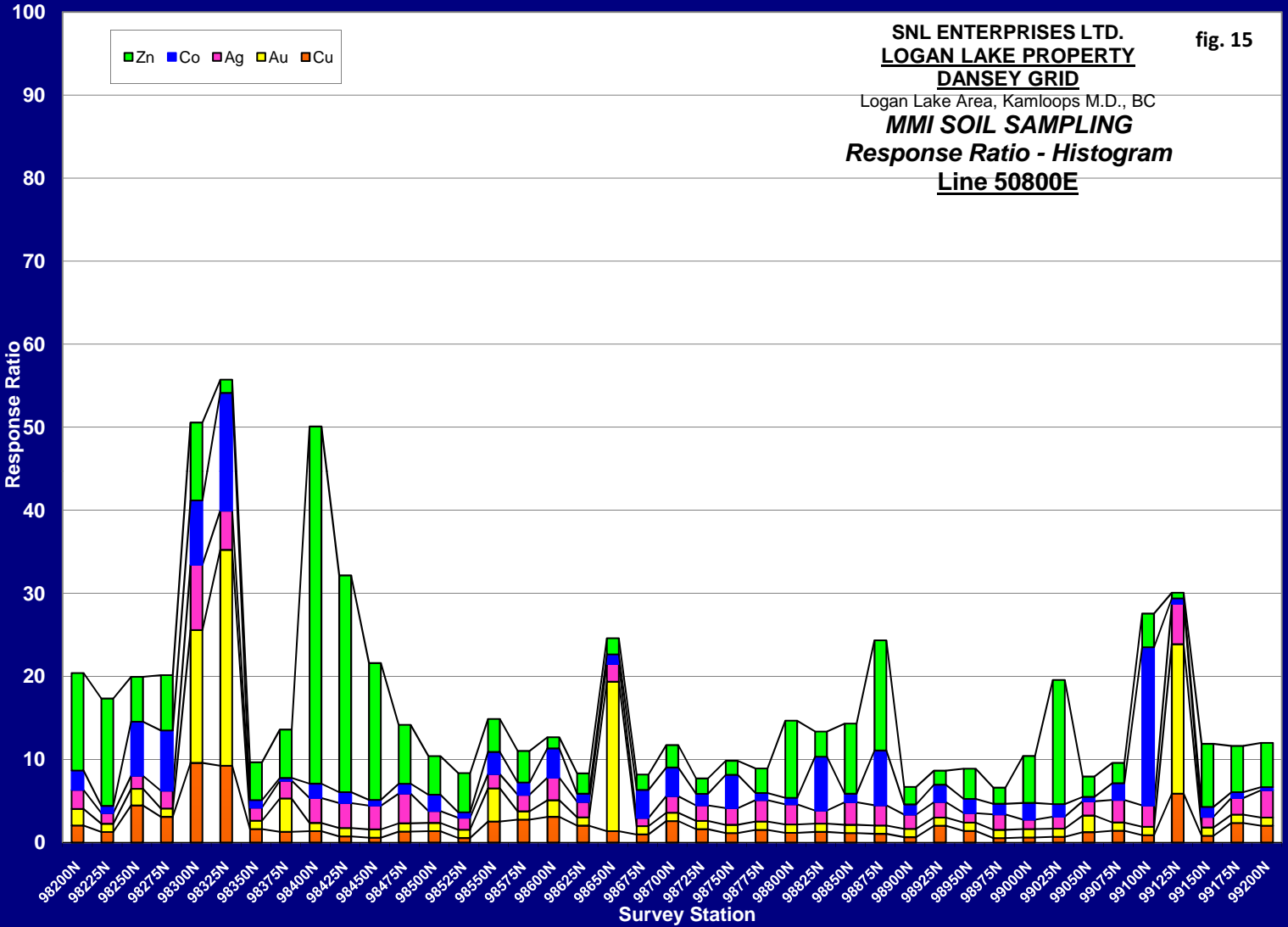
fig. 14



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50800E

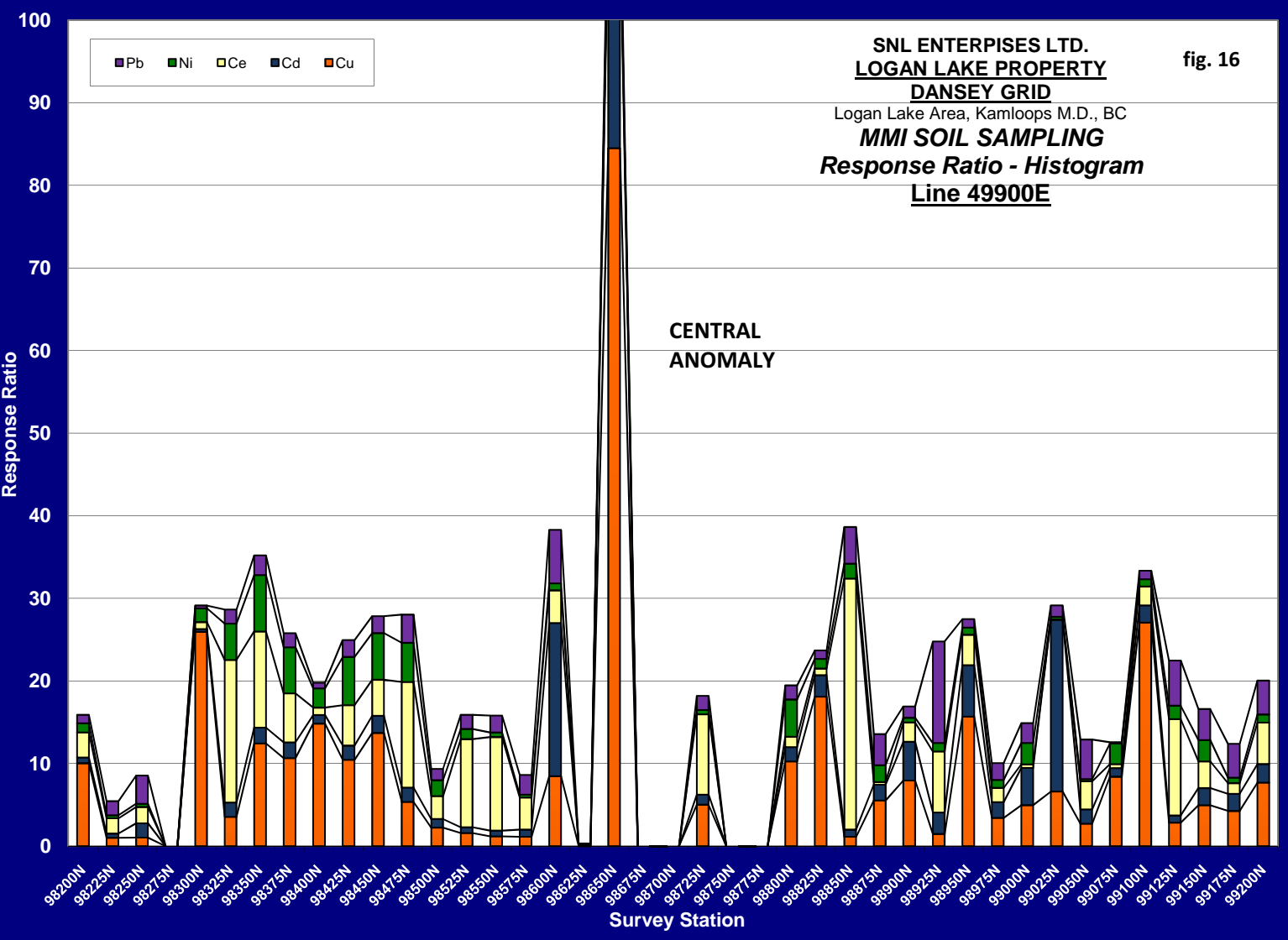
fig. 15



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 49900E

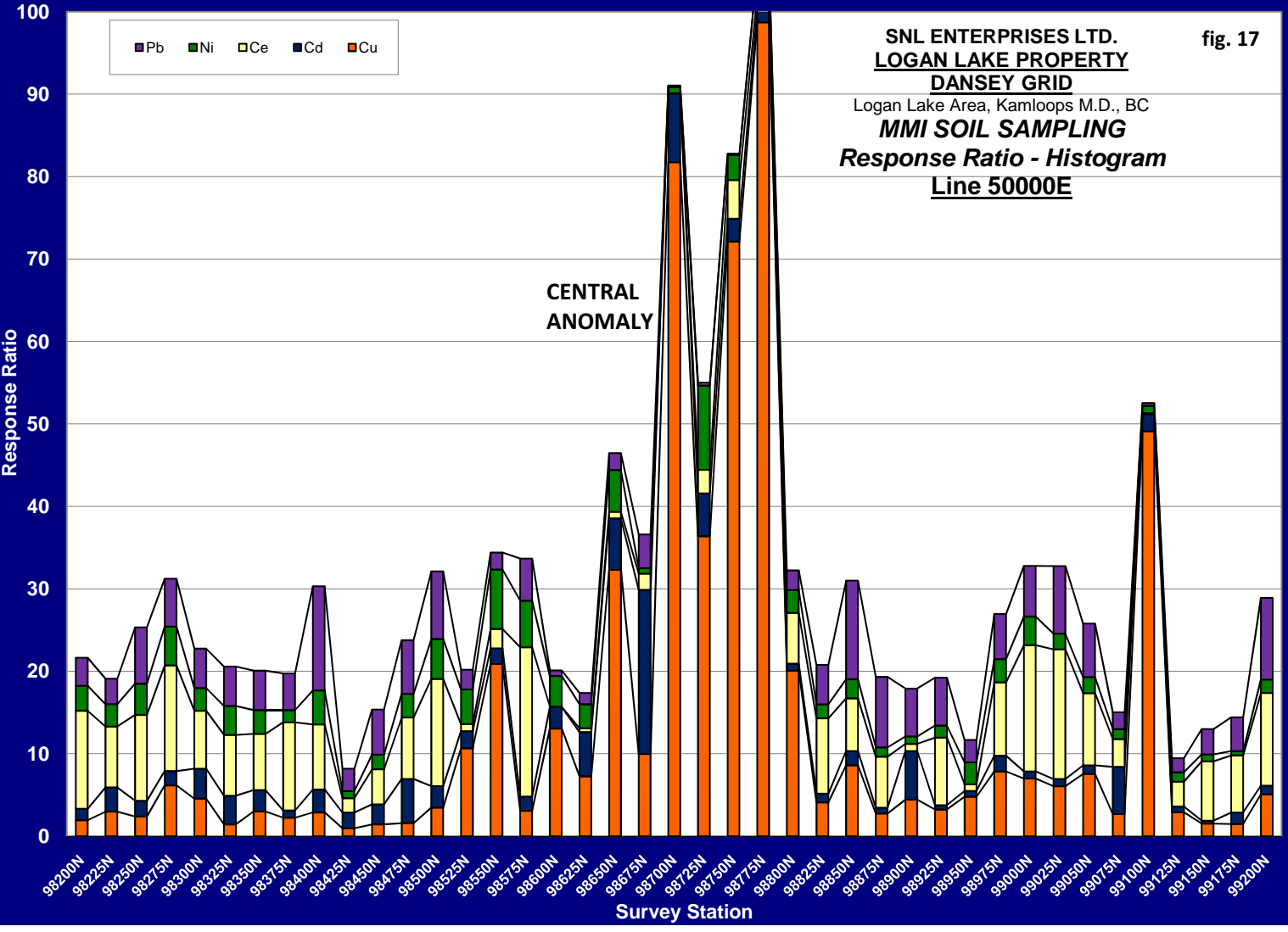
fig. 16



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 17

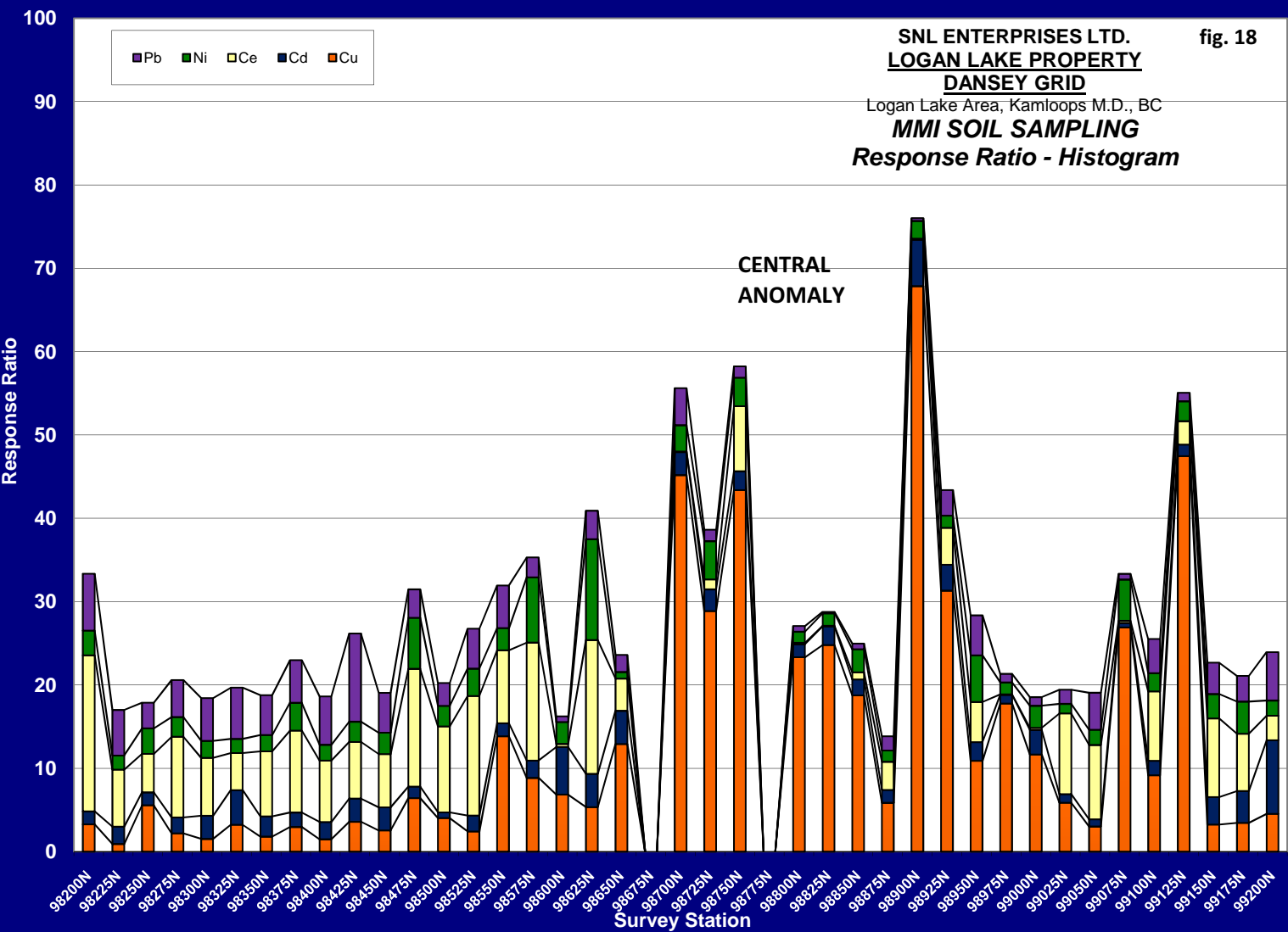
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 5000E



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 18

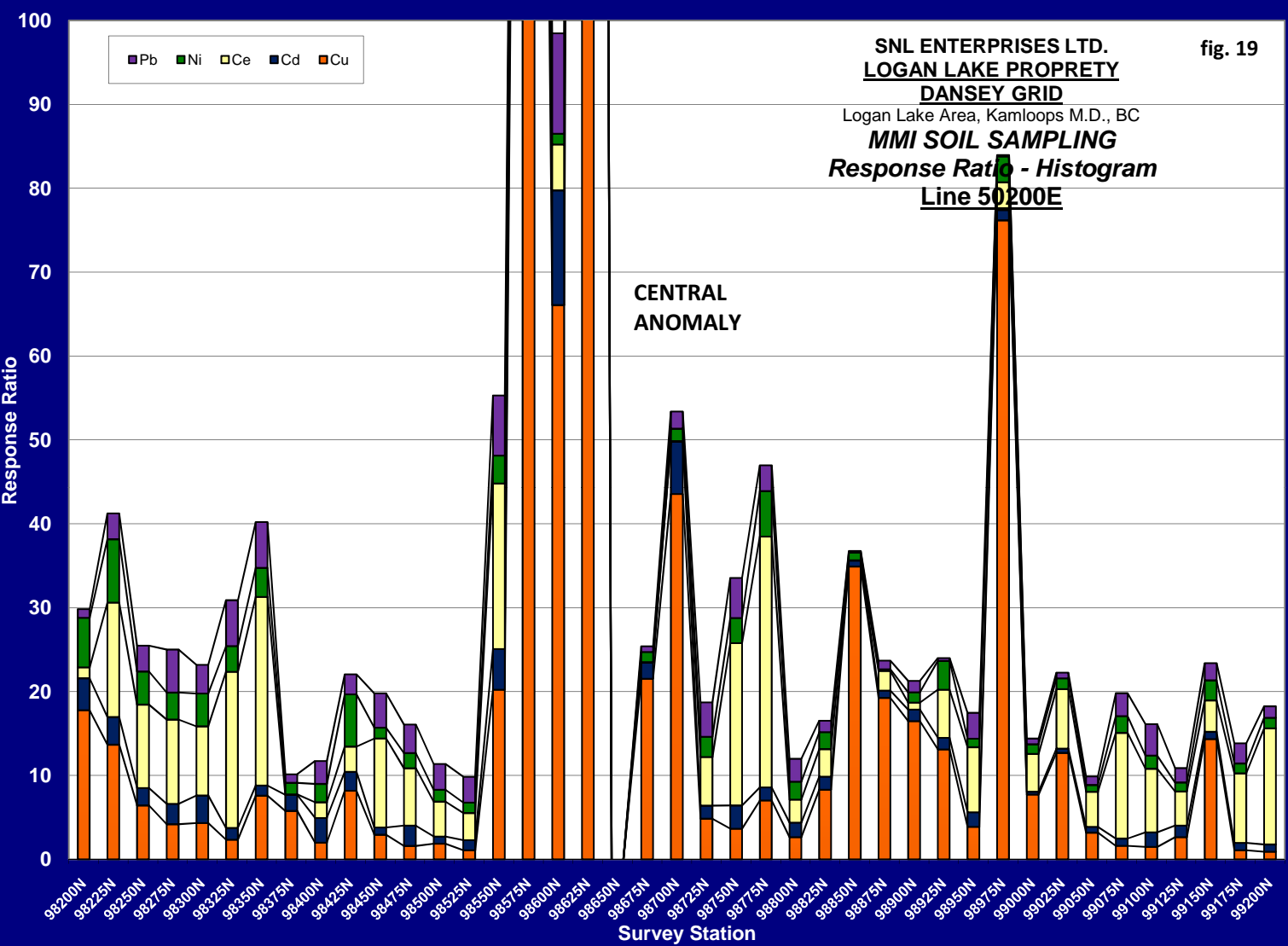
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 19

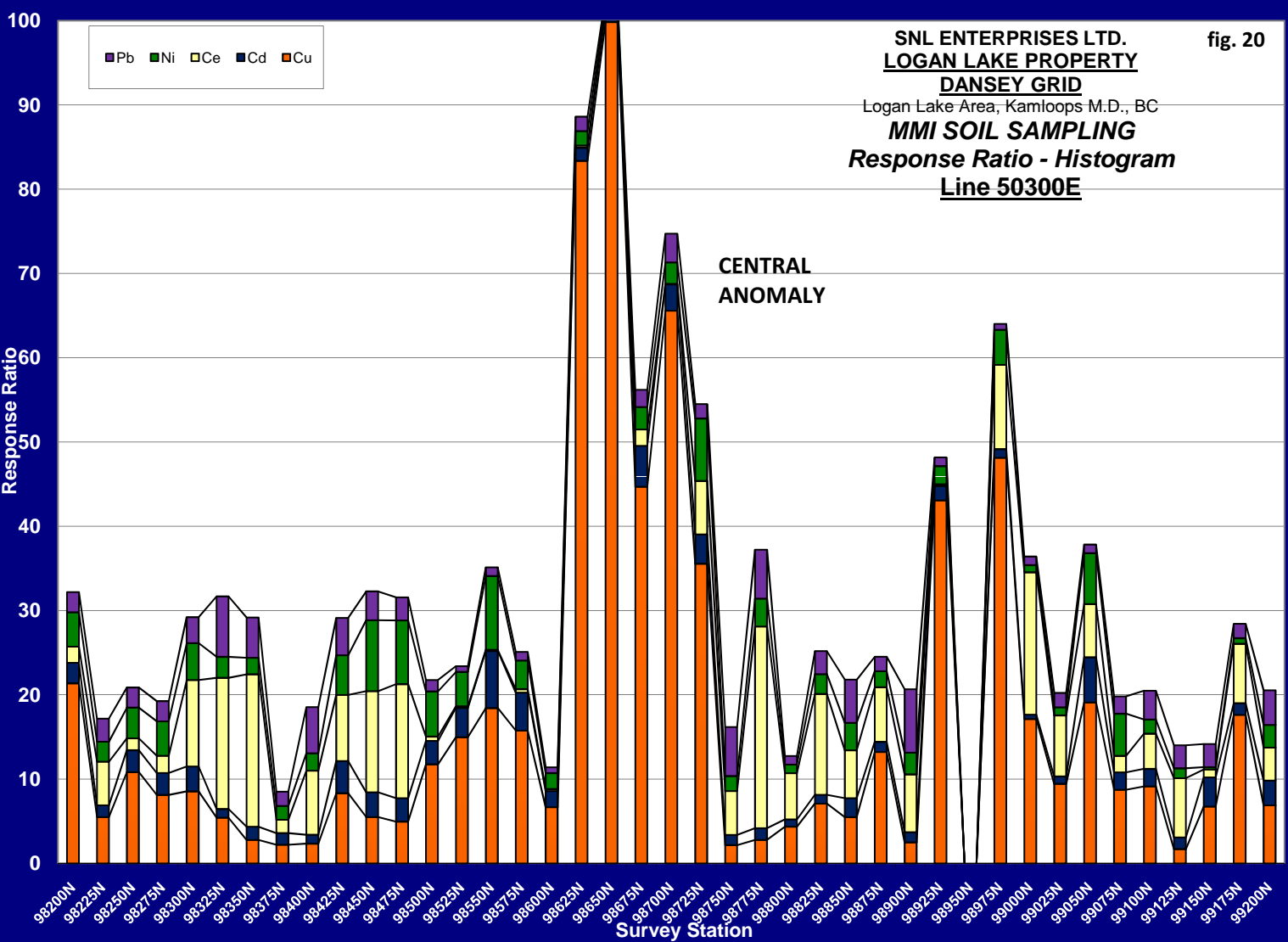
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50200E



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 20

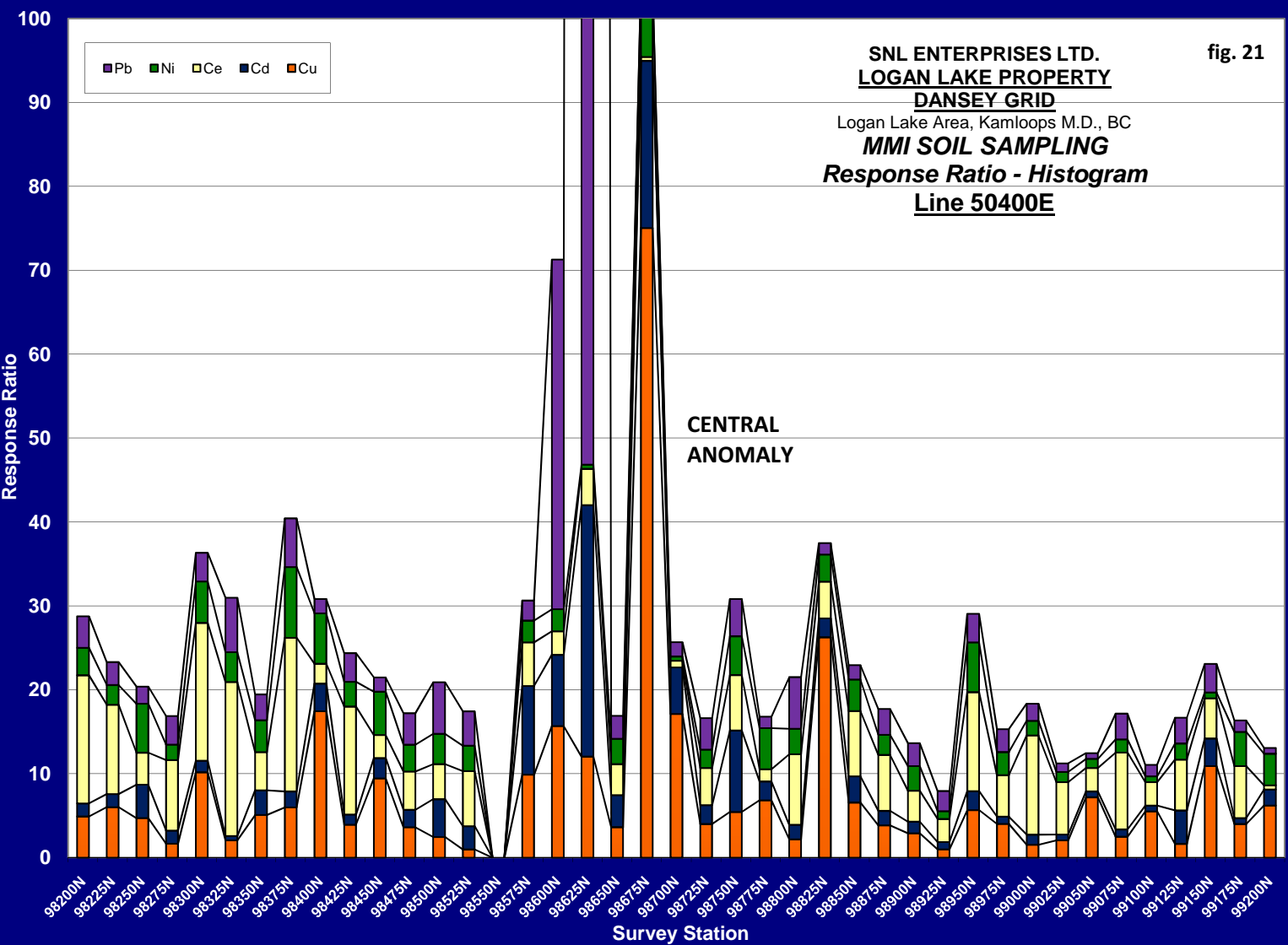
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50300E



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 21

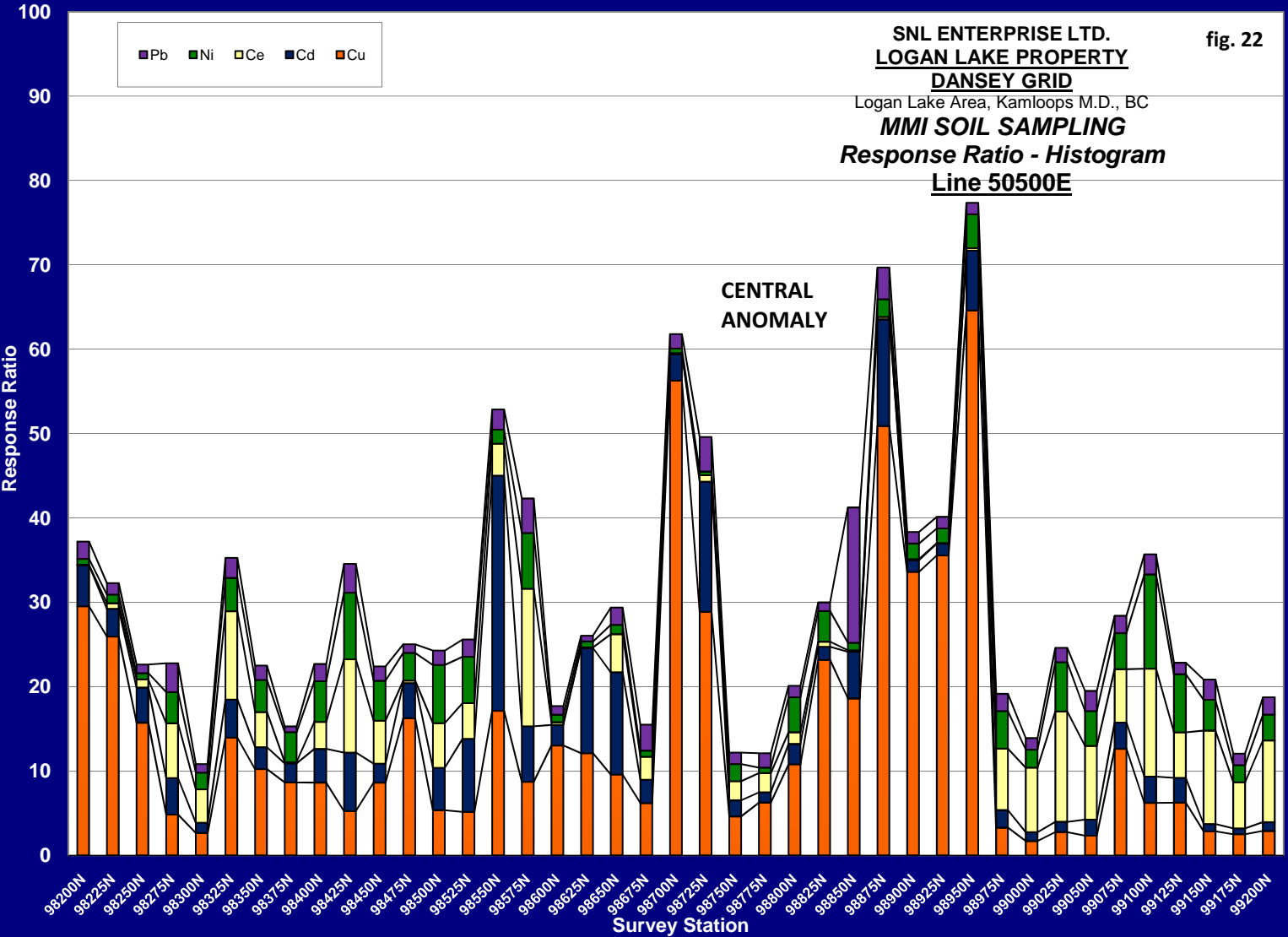
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50400E



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISE LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
 Response Ratio - Histogram
Line 50500E

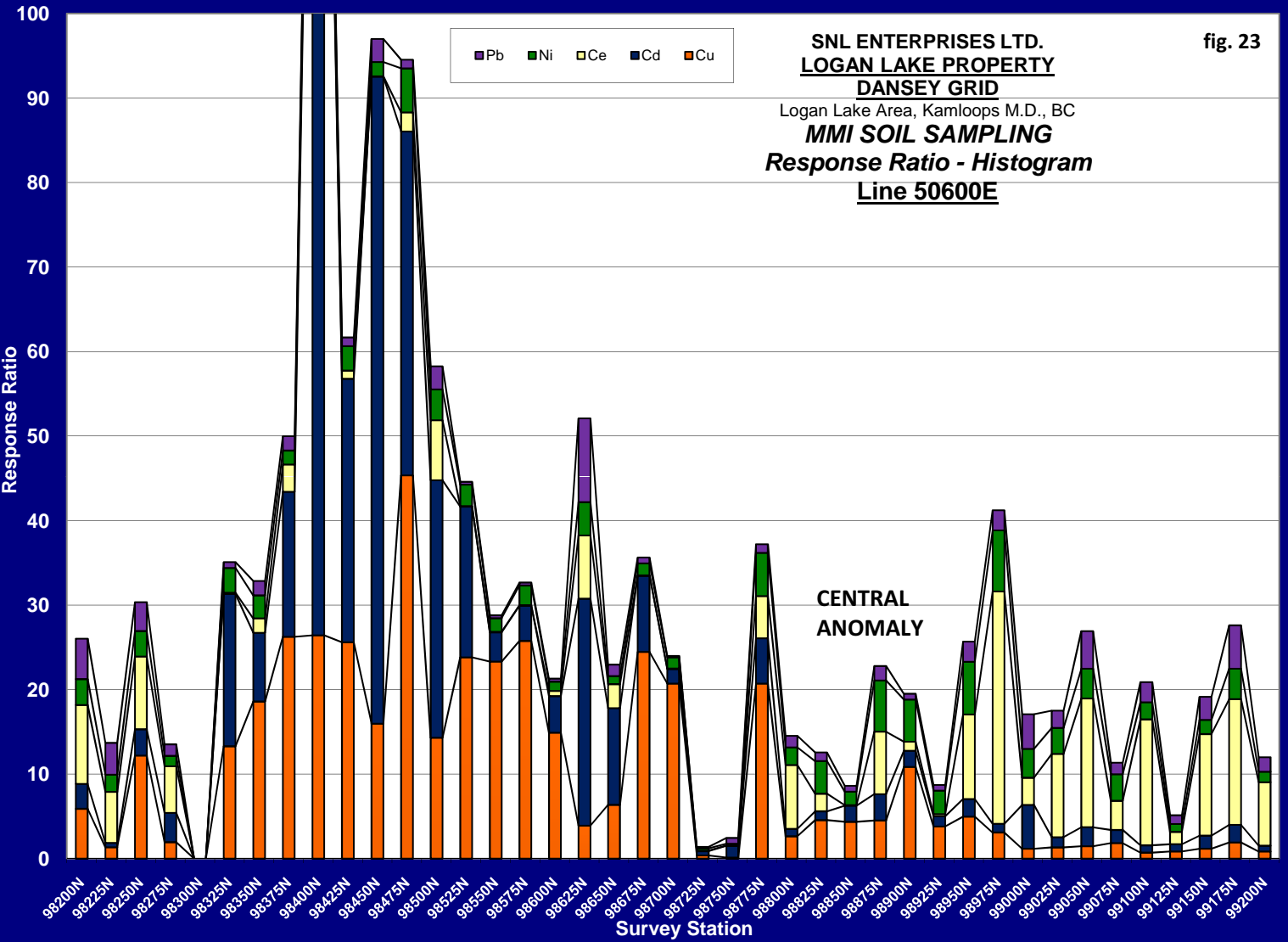
fig. 22



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 23

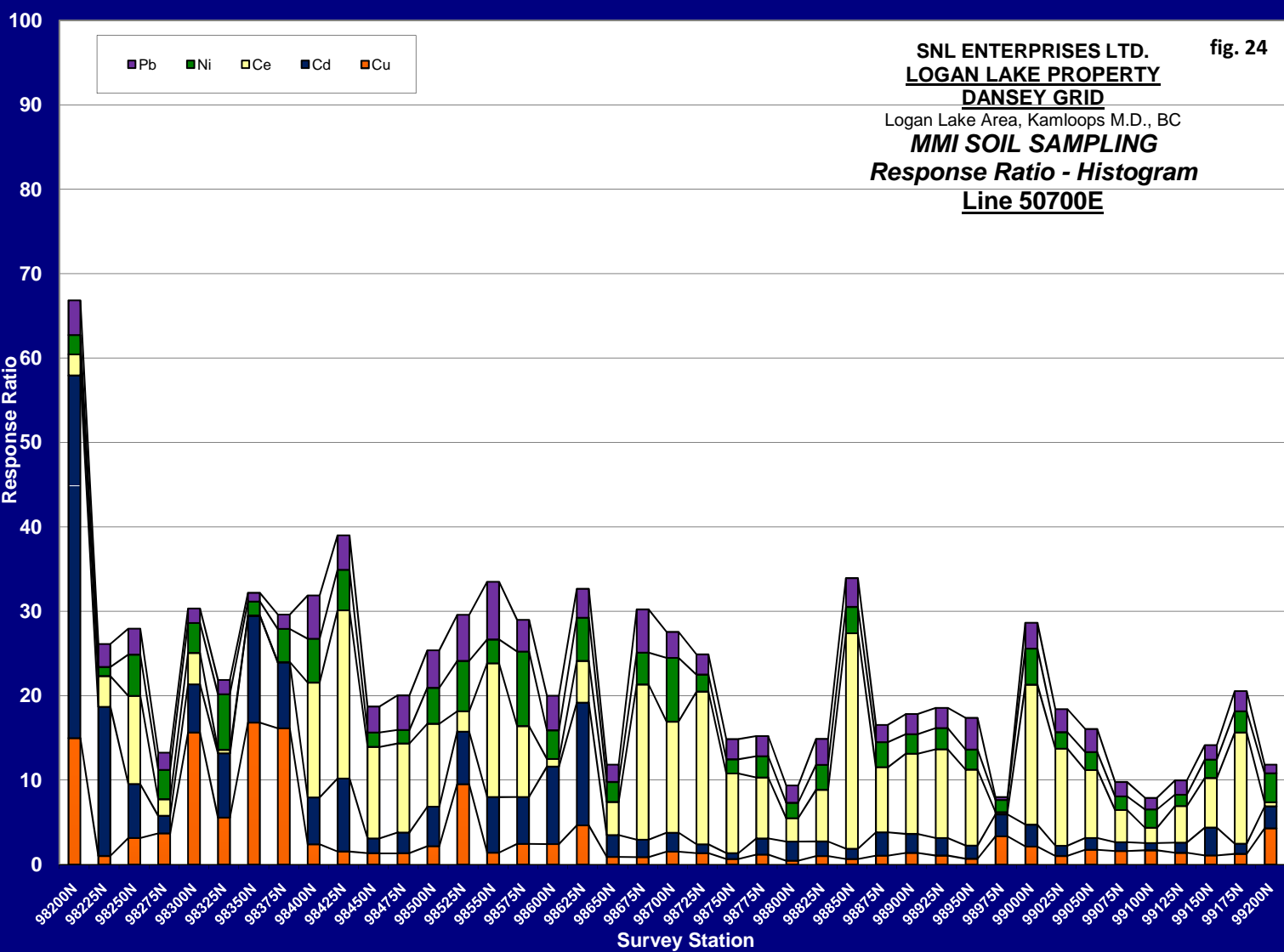
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50600E



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 24

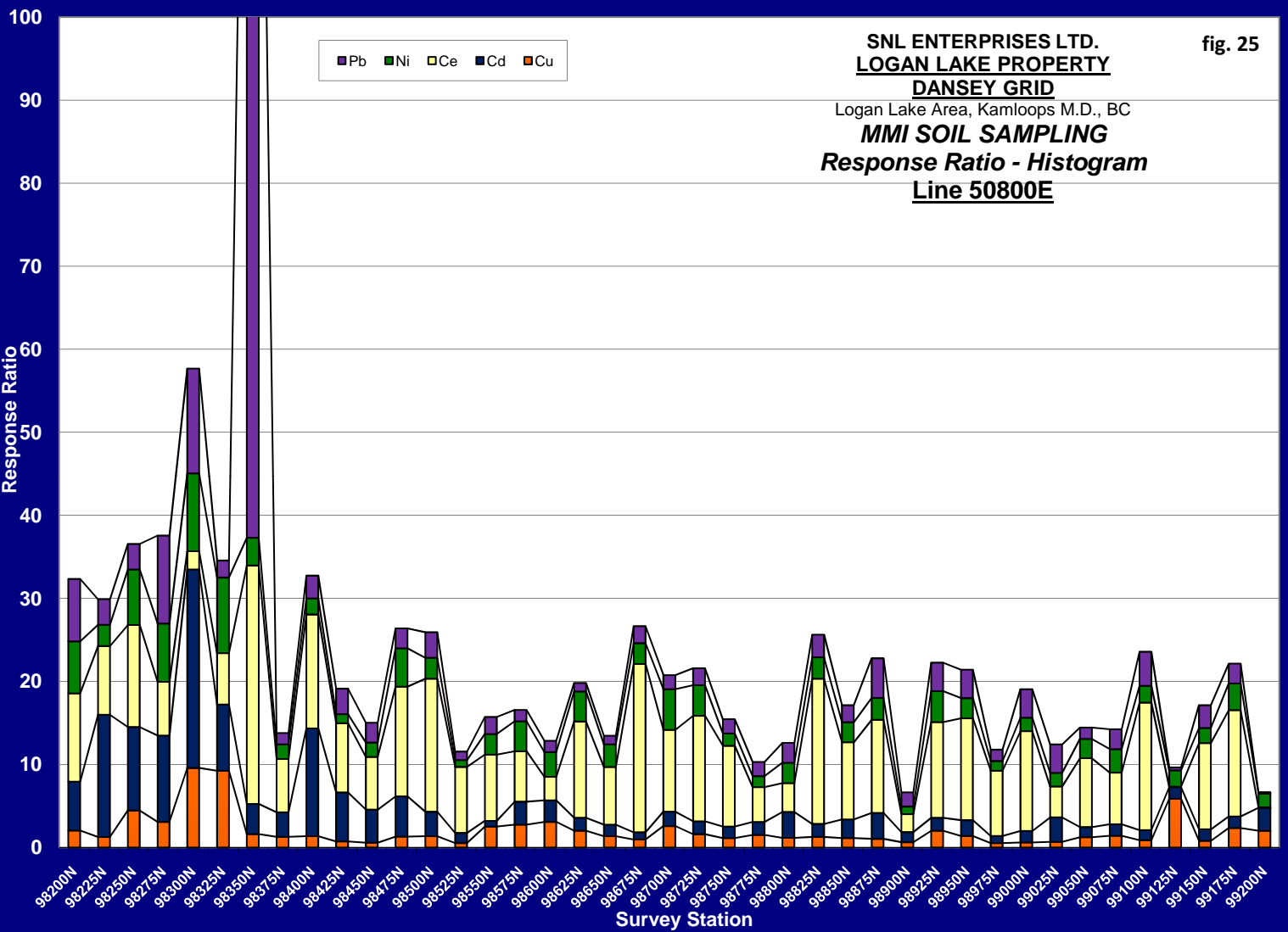
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50700E



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 25

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
DANSEY GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50800E

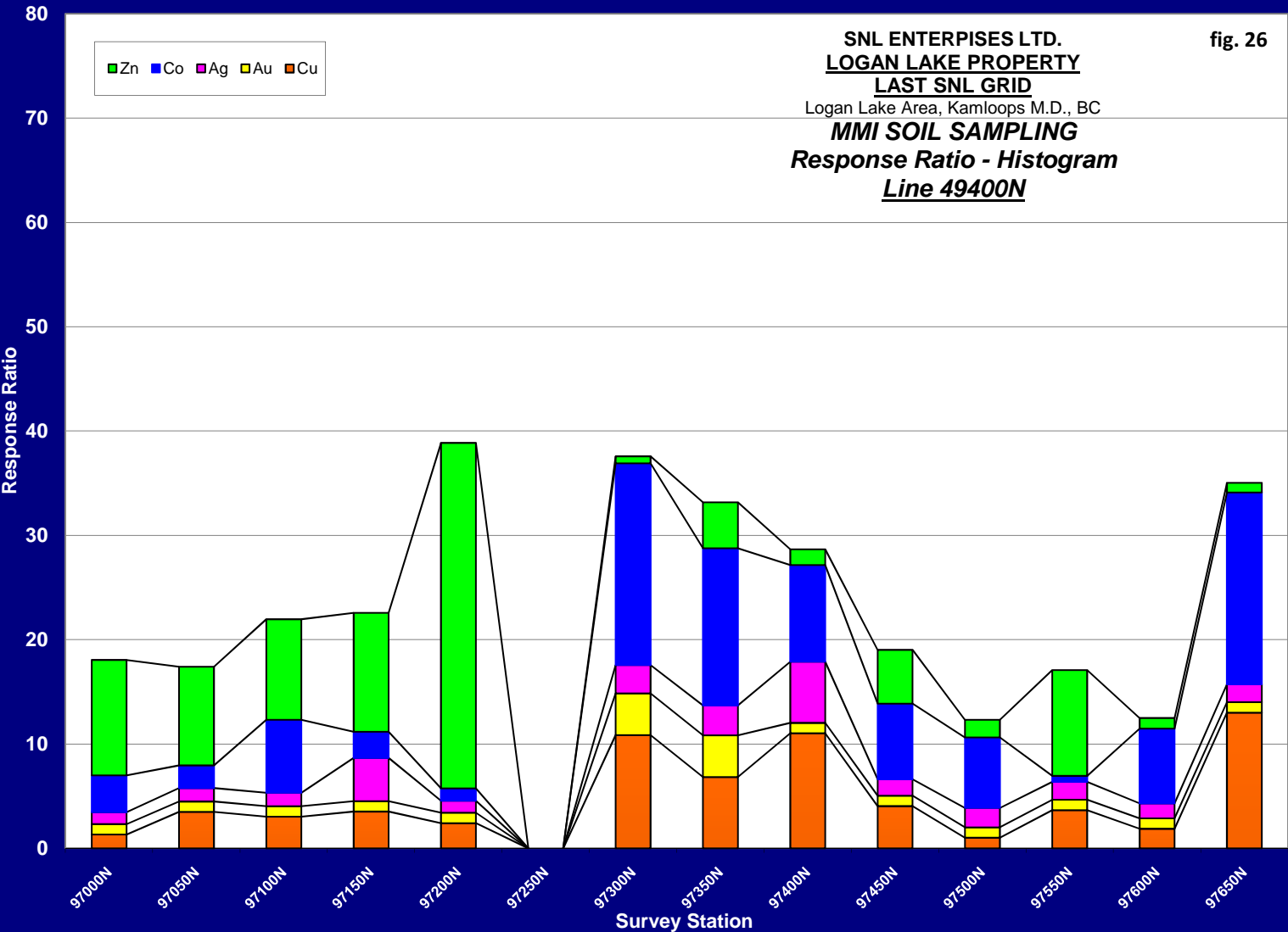


Data Reduced by: GEOTRONICS CONSULTING INC

fig. 26

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 49400N

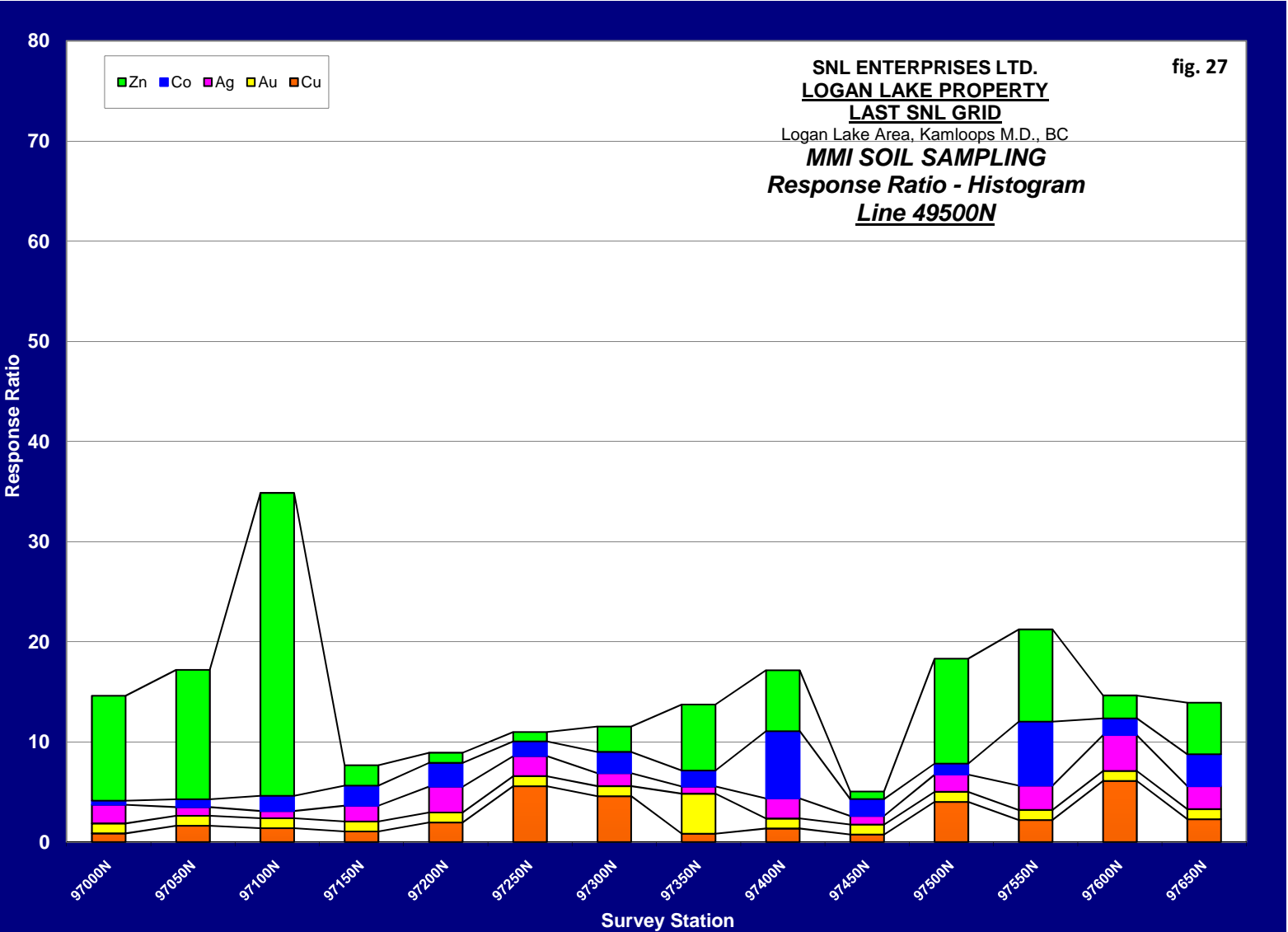
Zn Co Ag Au Cu



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 27

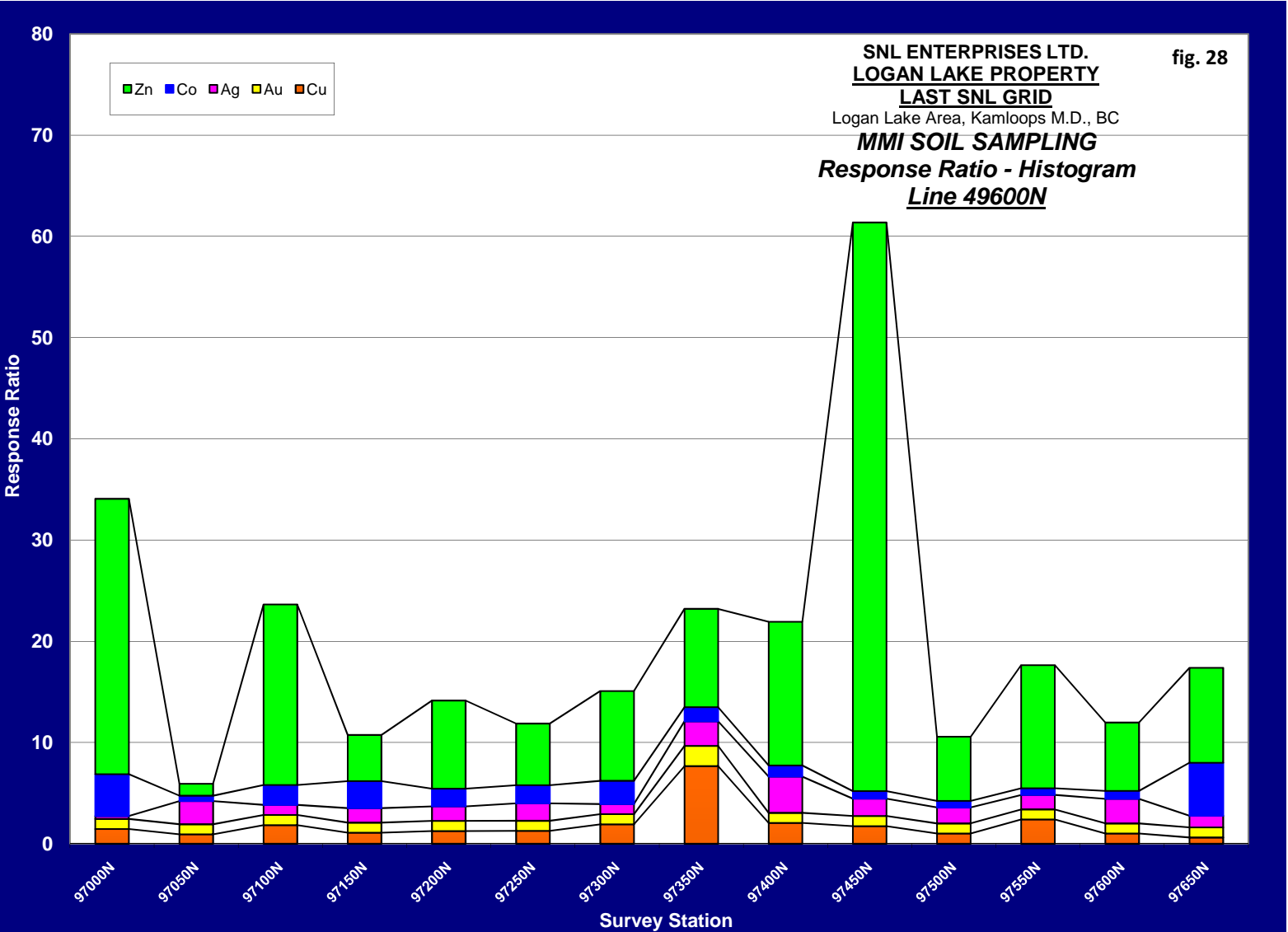
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 49500N



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 28

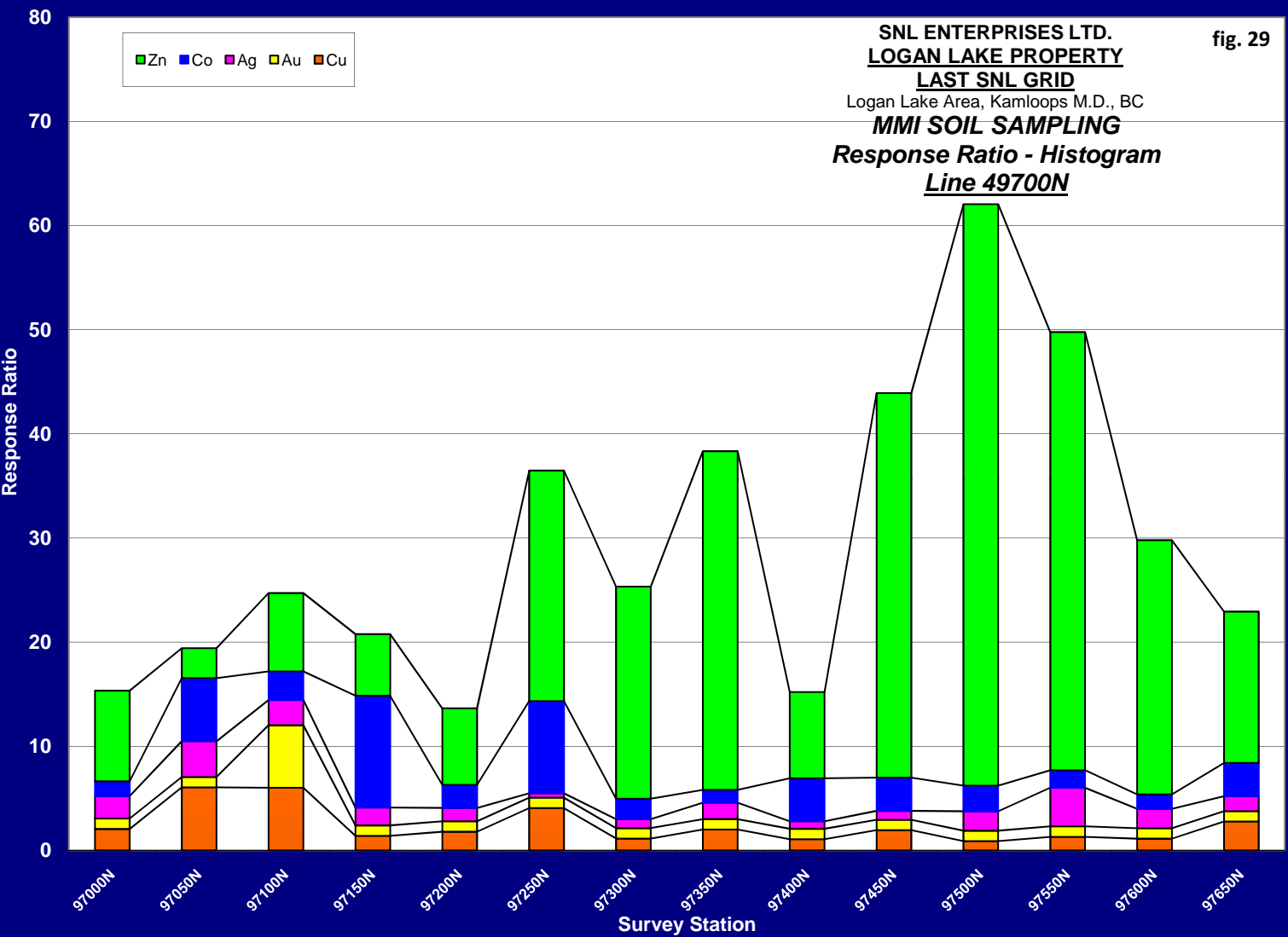
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 49600N



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 29

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 49700N

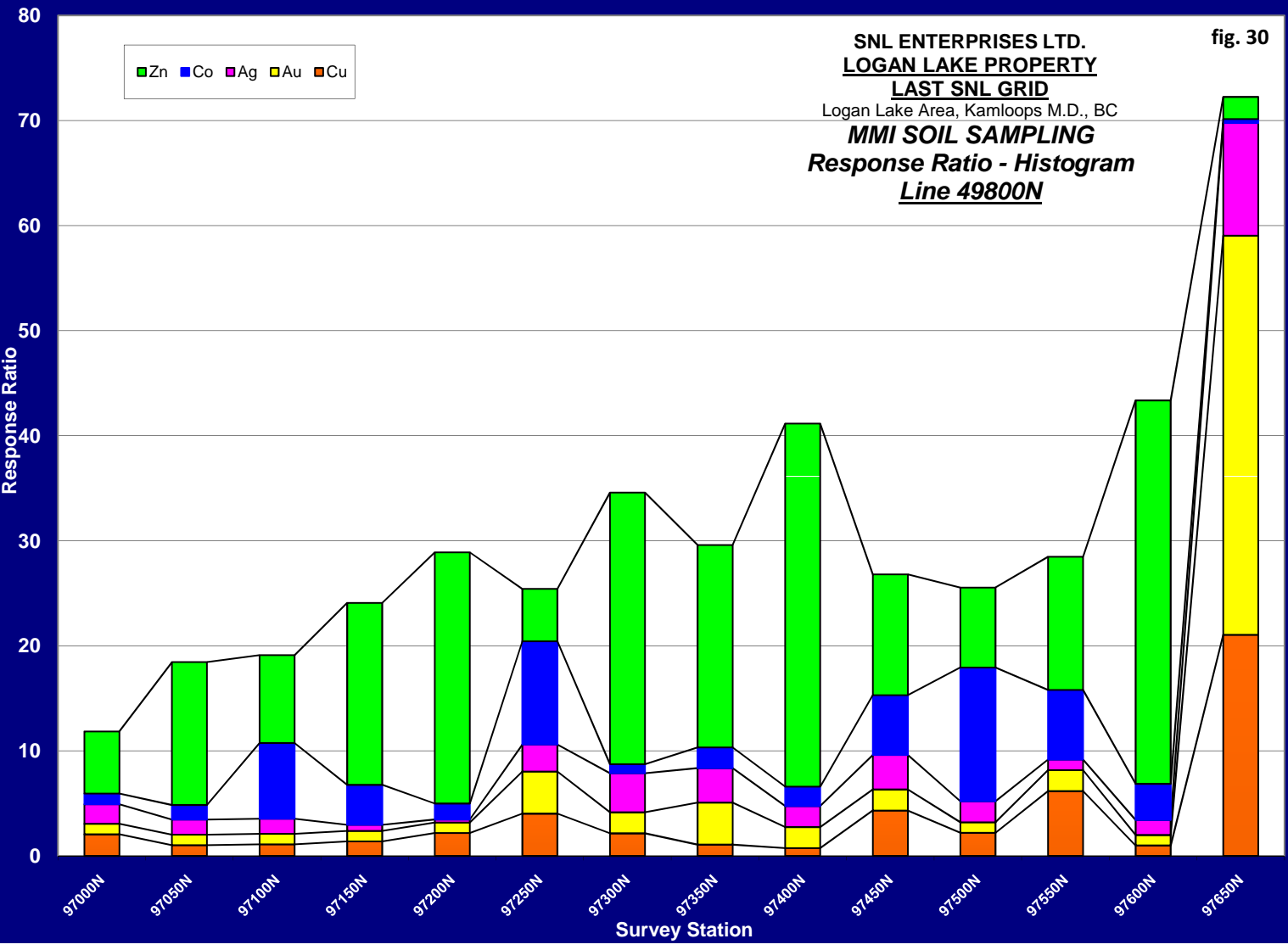


Data Reduced by: GEOTRONICS CONSULTING INC

fig. 30

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 49800N

Zn Co Ag Au Cu



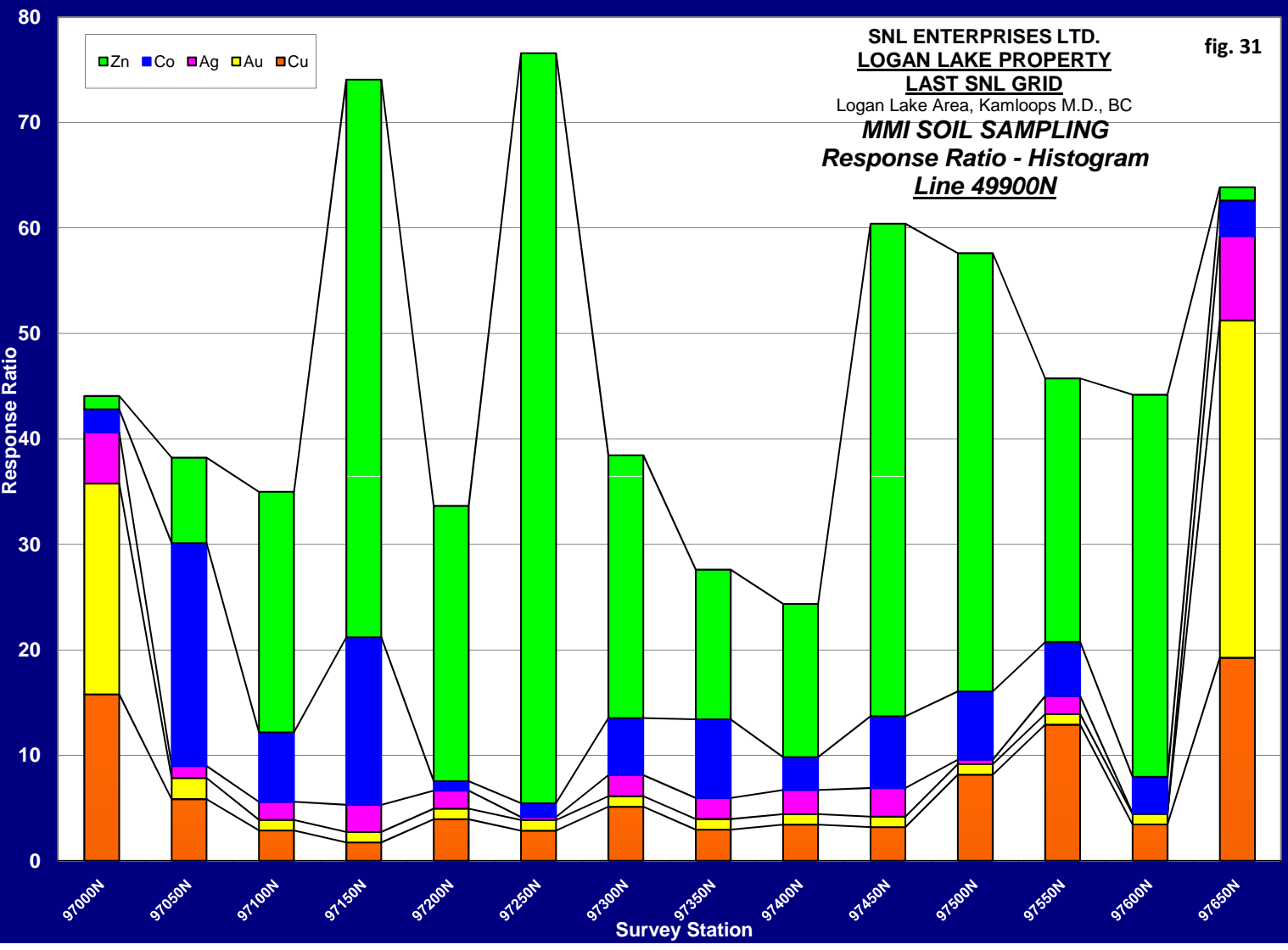
Data Reduced by: GEOTRONICS CONSULTING INC

fig. 31

**SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY**

LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC

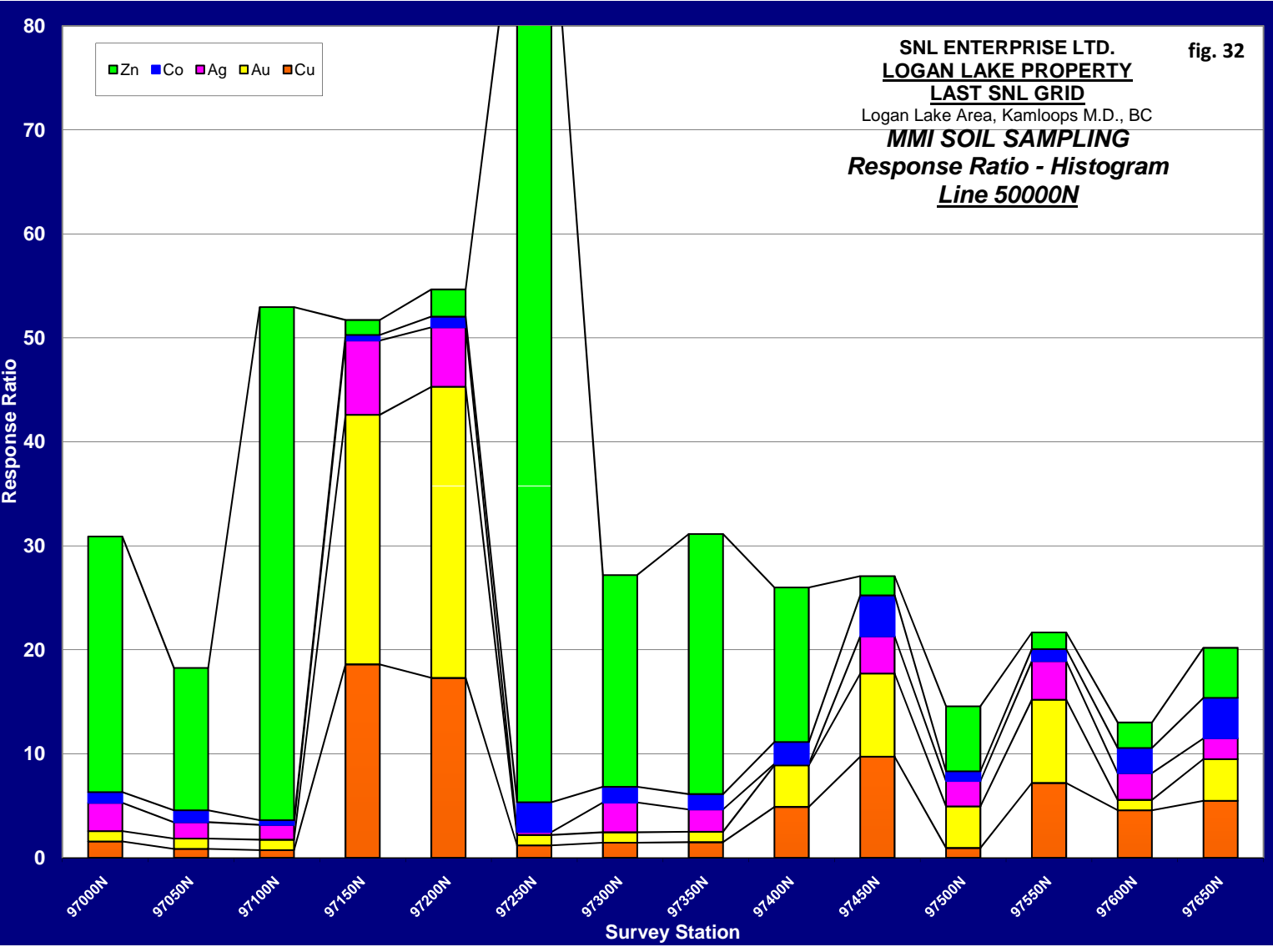
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 4990N



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISE LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 5000N

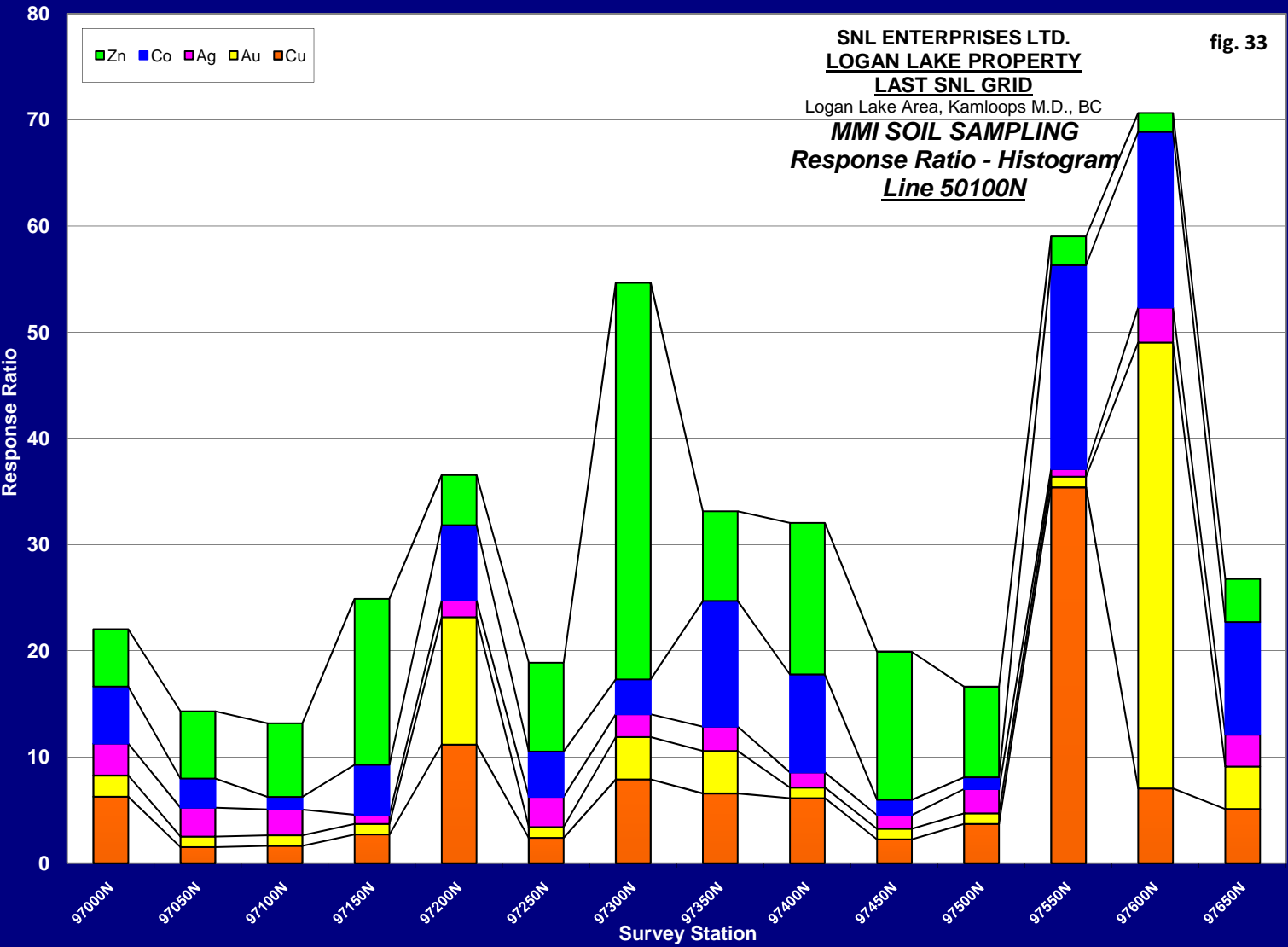
fig. 32



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 33

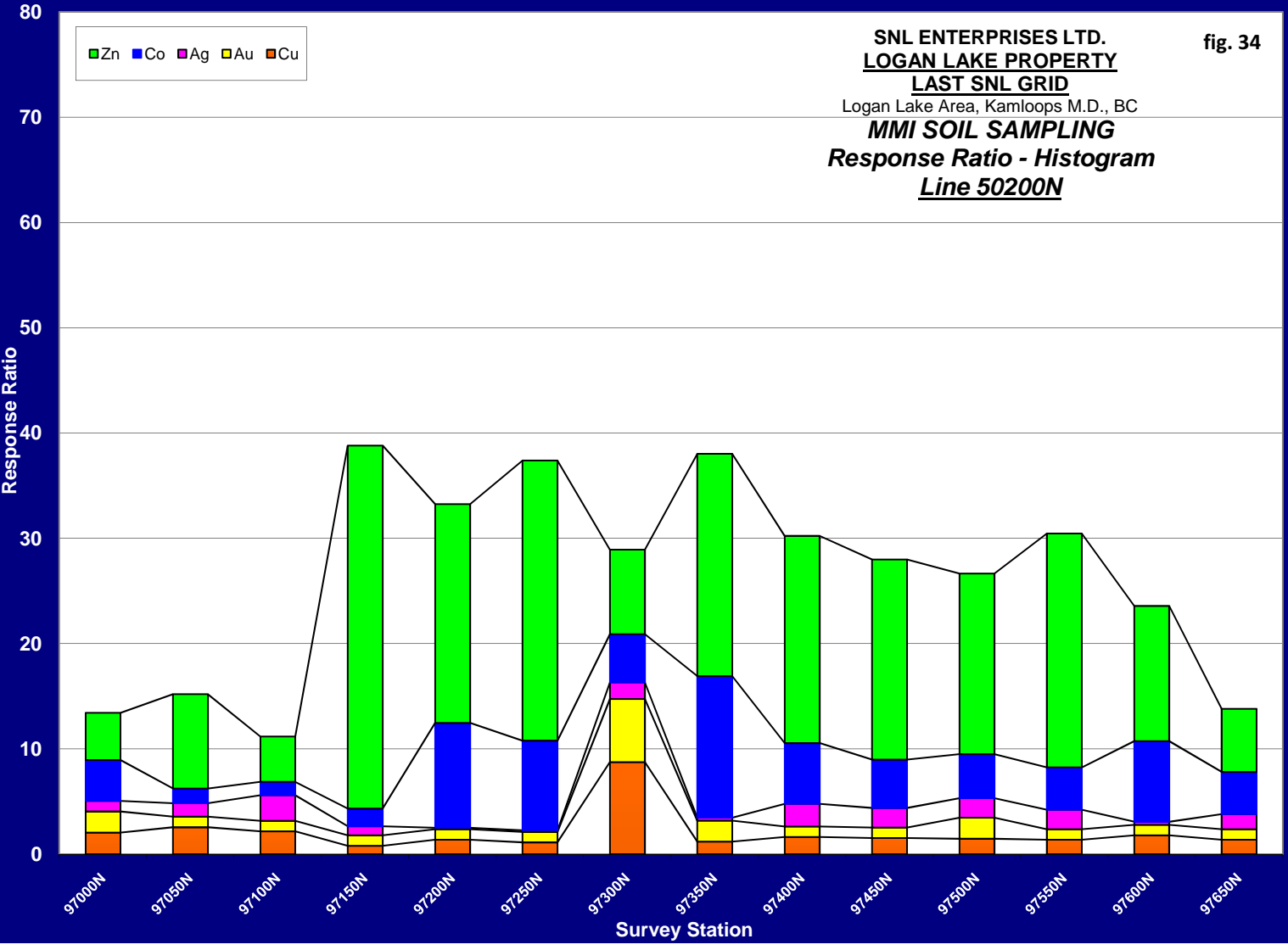
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50100N



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 34

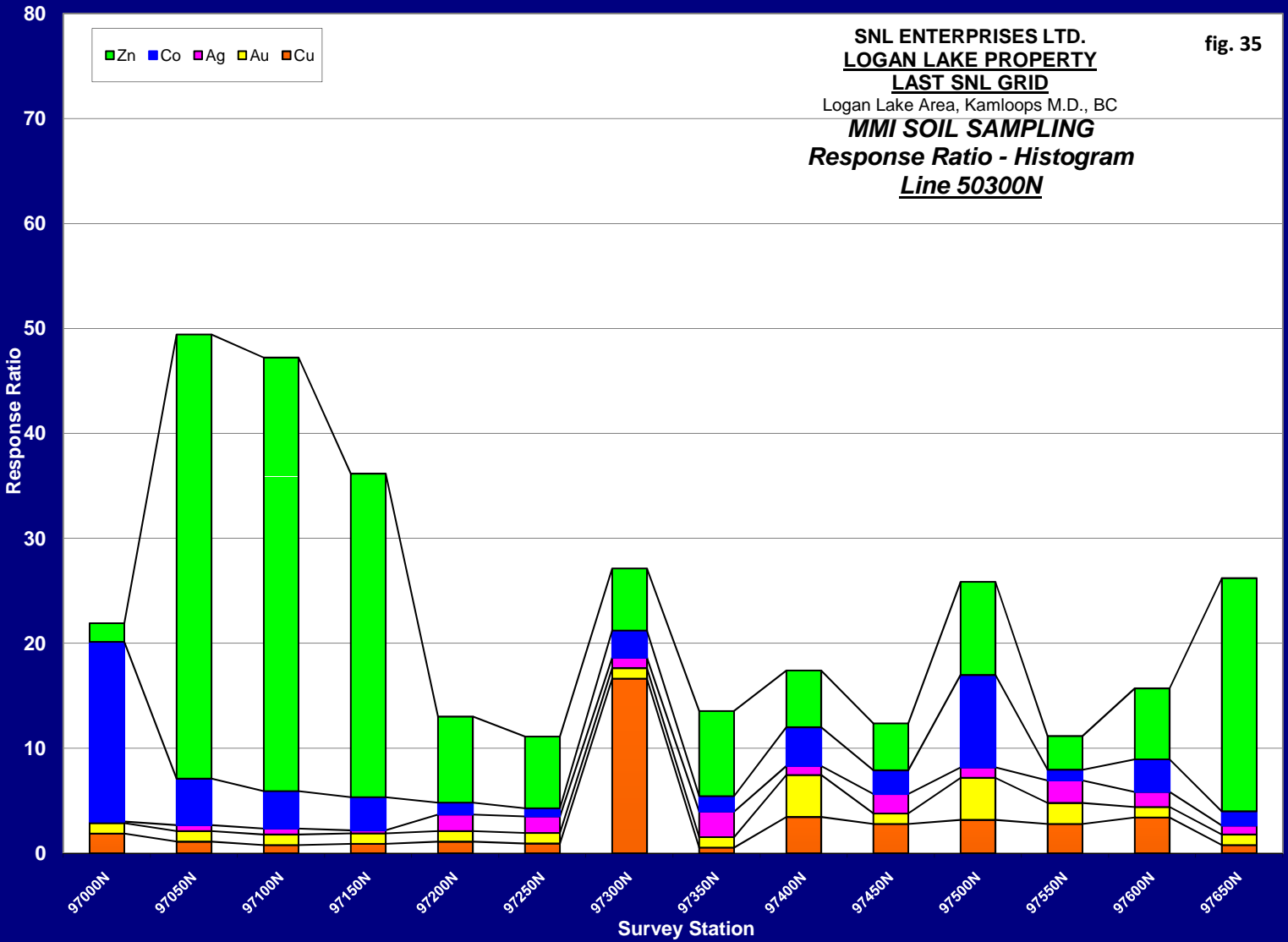
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50200N



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 35

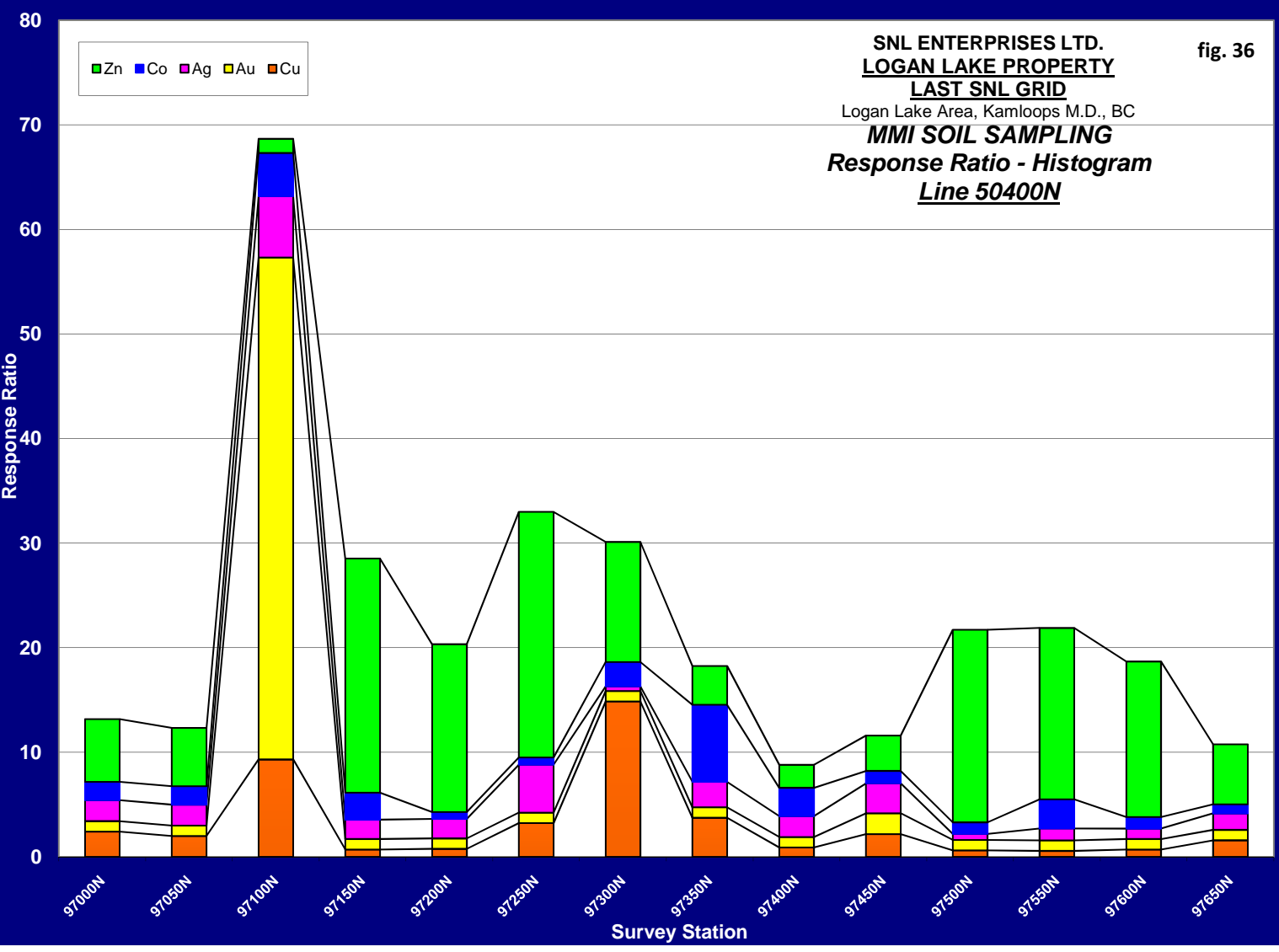
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50300N



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50400N

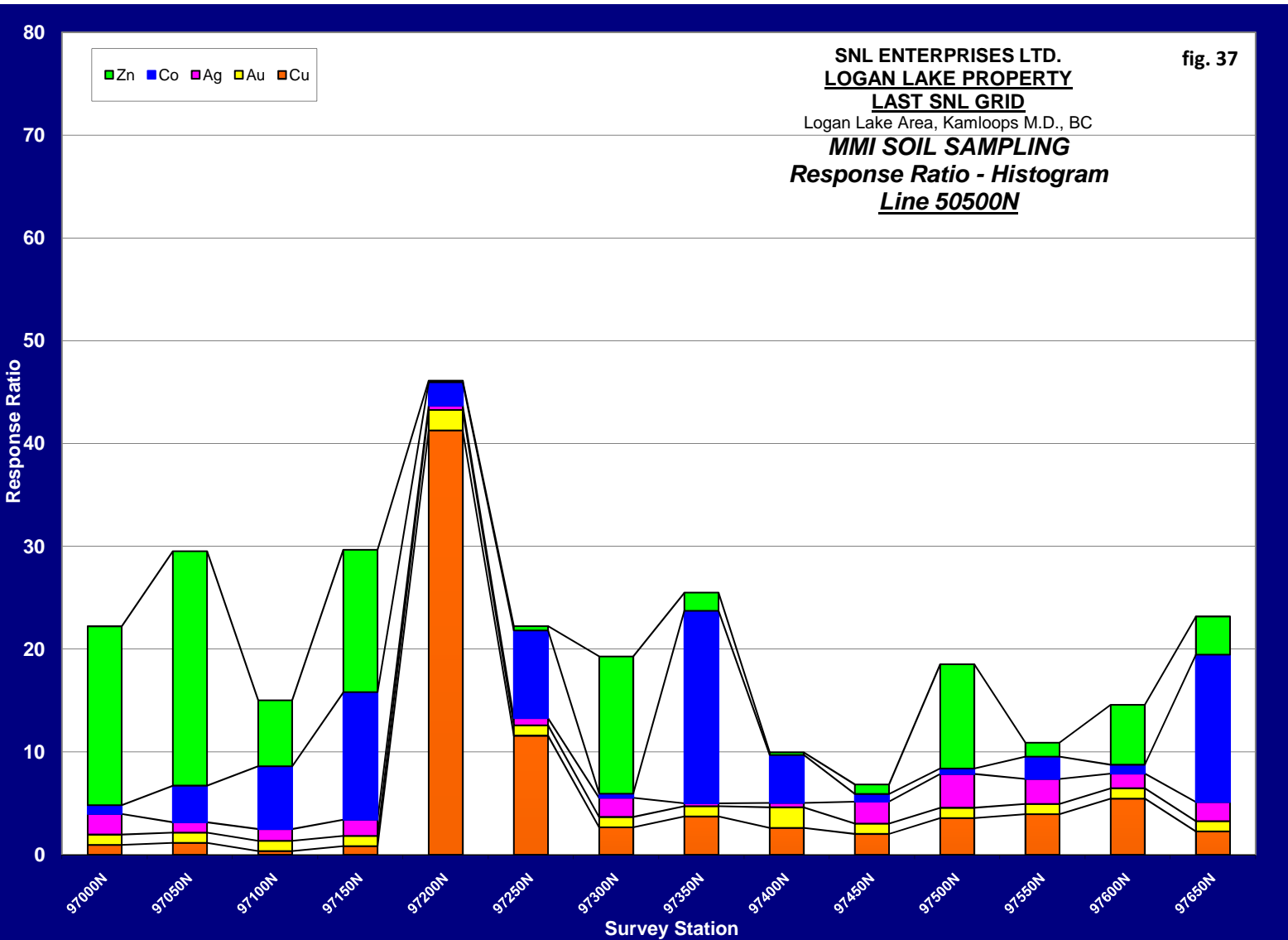
fig. 36



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 37

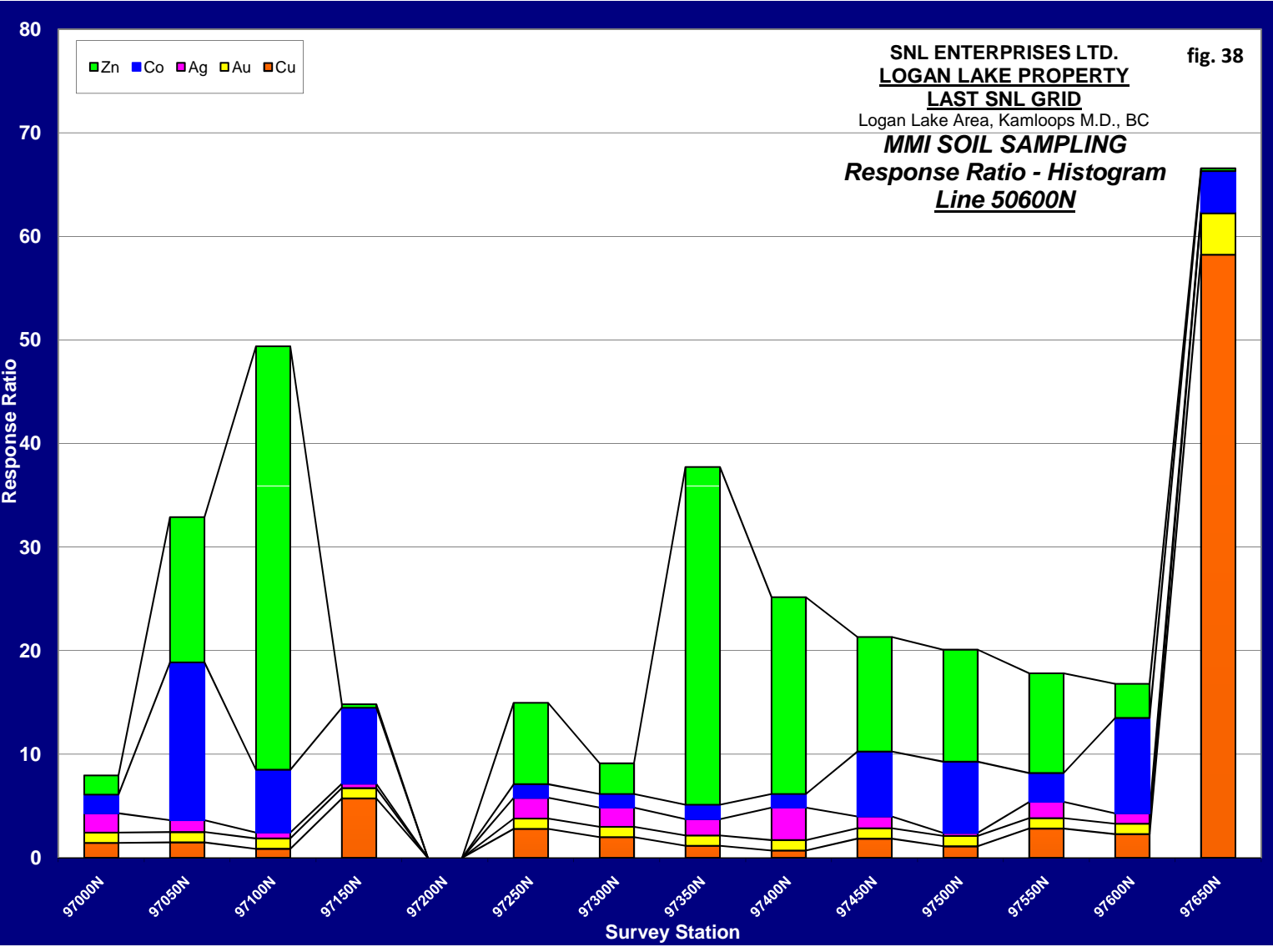
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50500N



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50600N

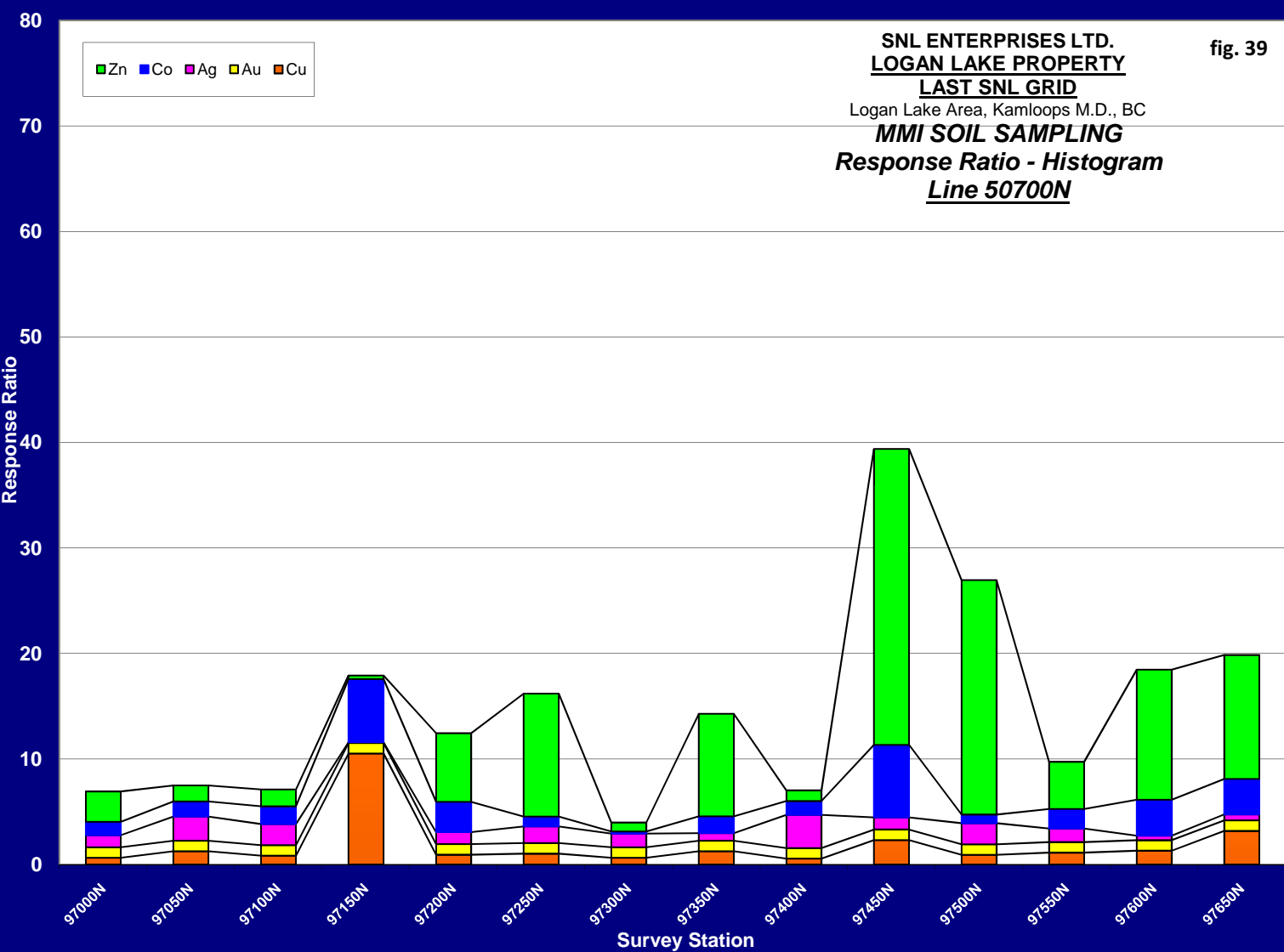
fig. 38



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 39

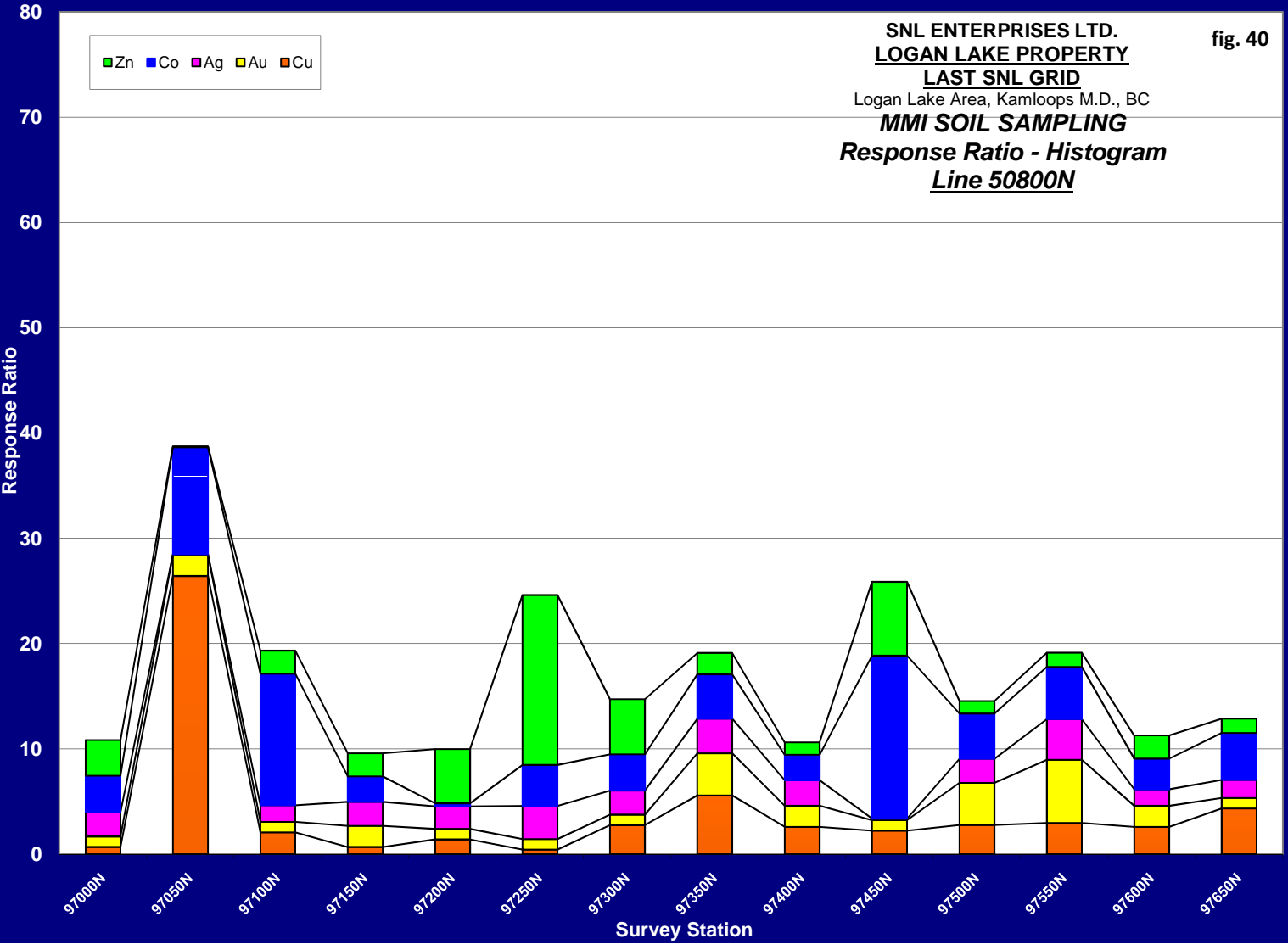
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50700N



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50800N

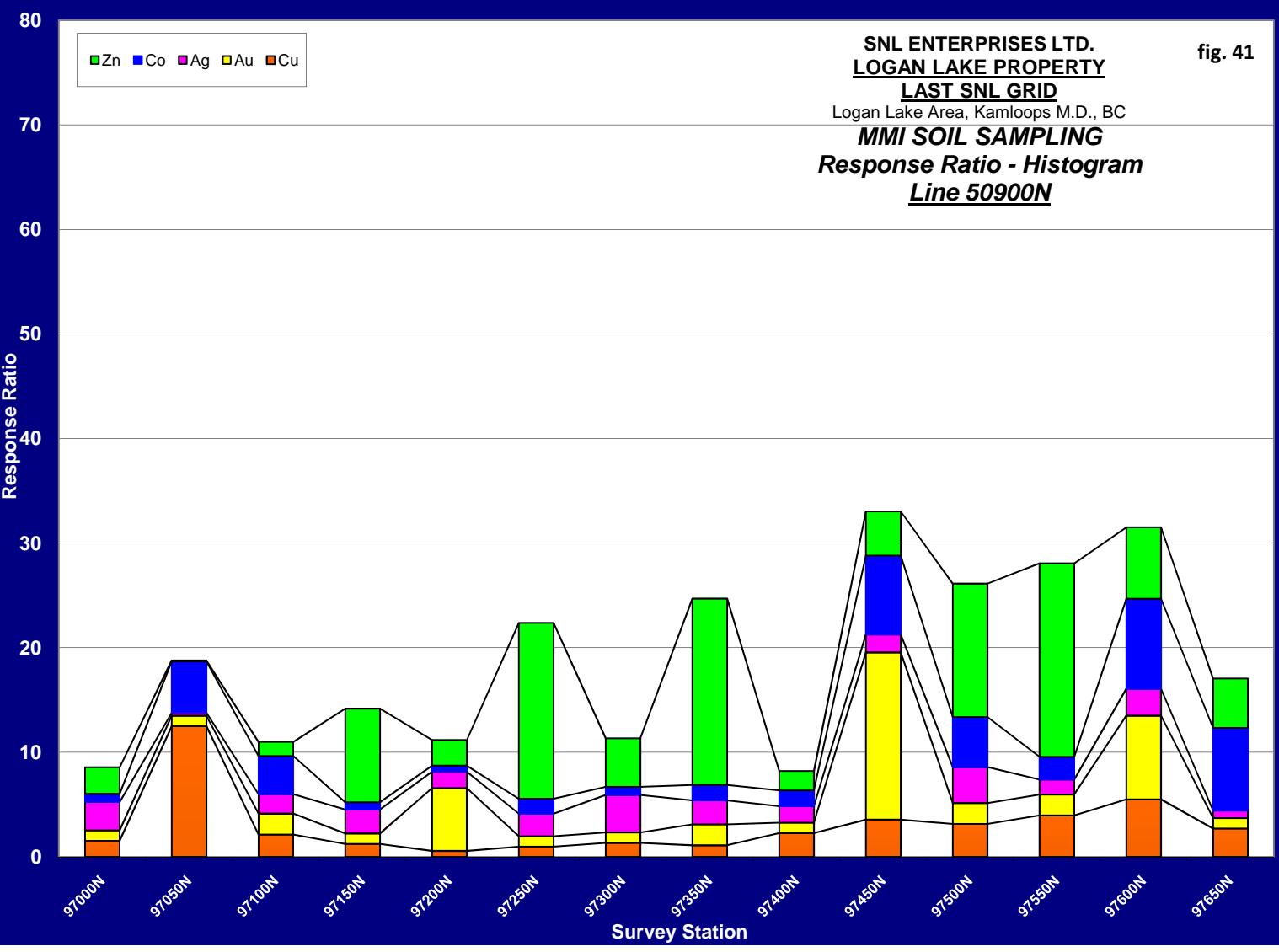
fig. 40



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50900N

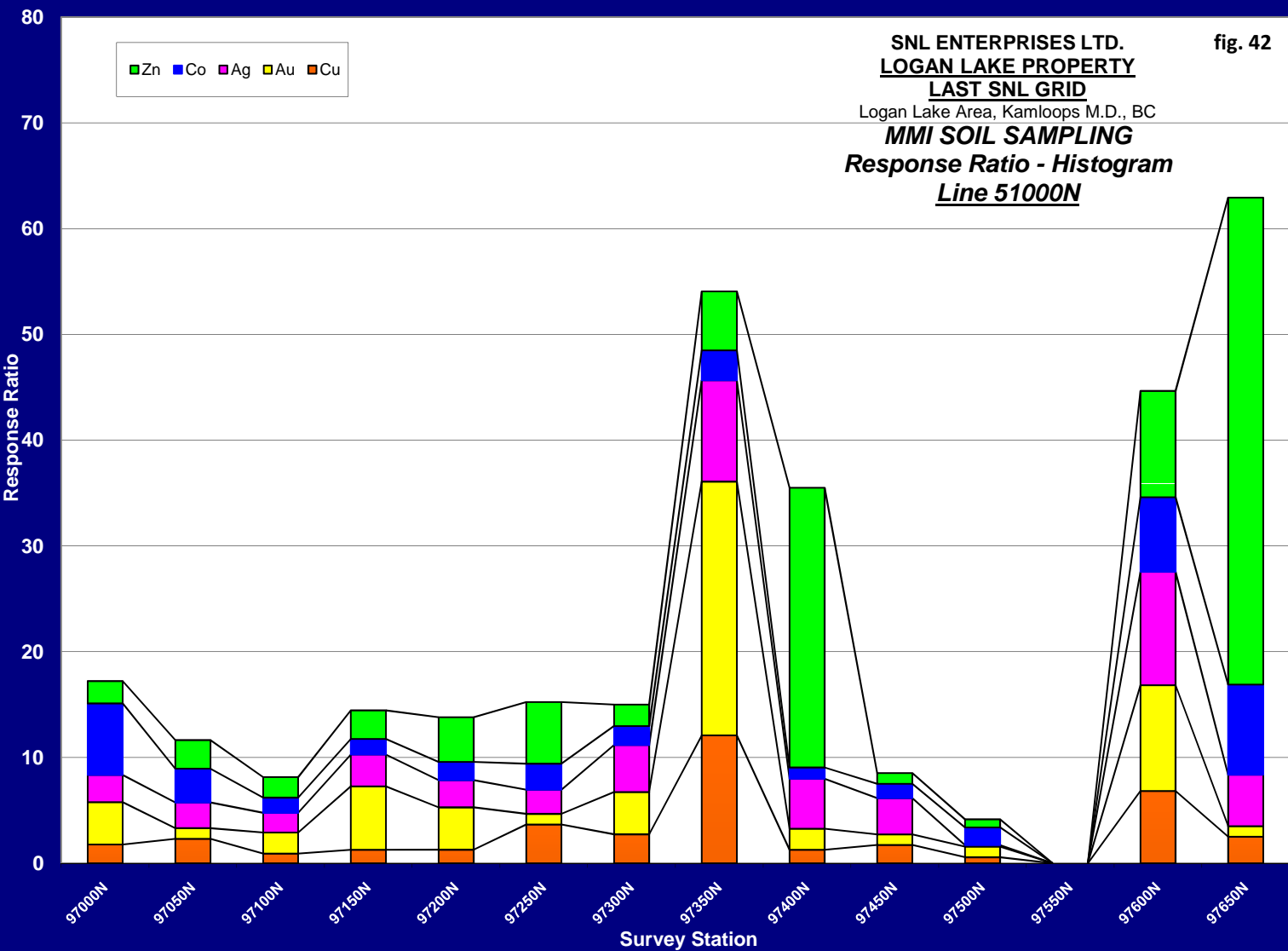
fig. 41



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 42

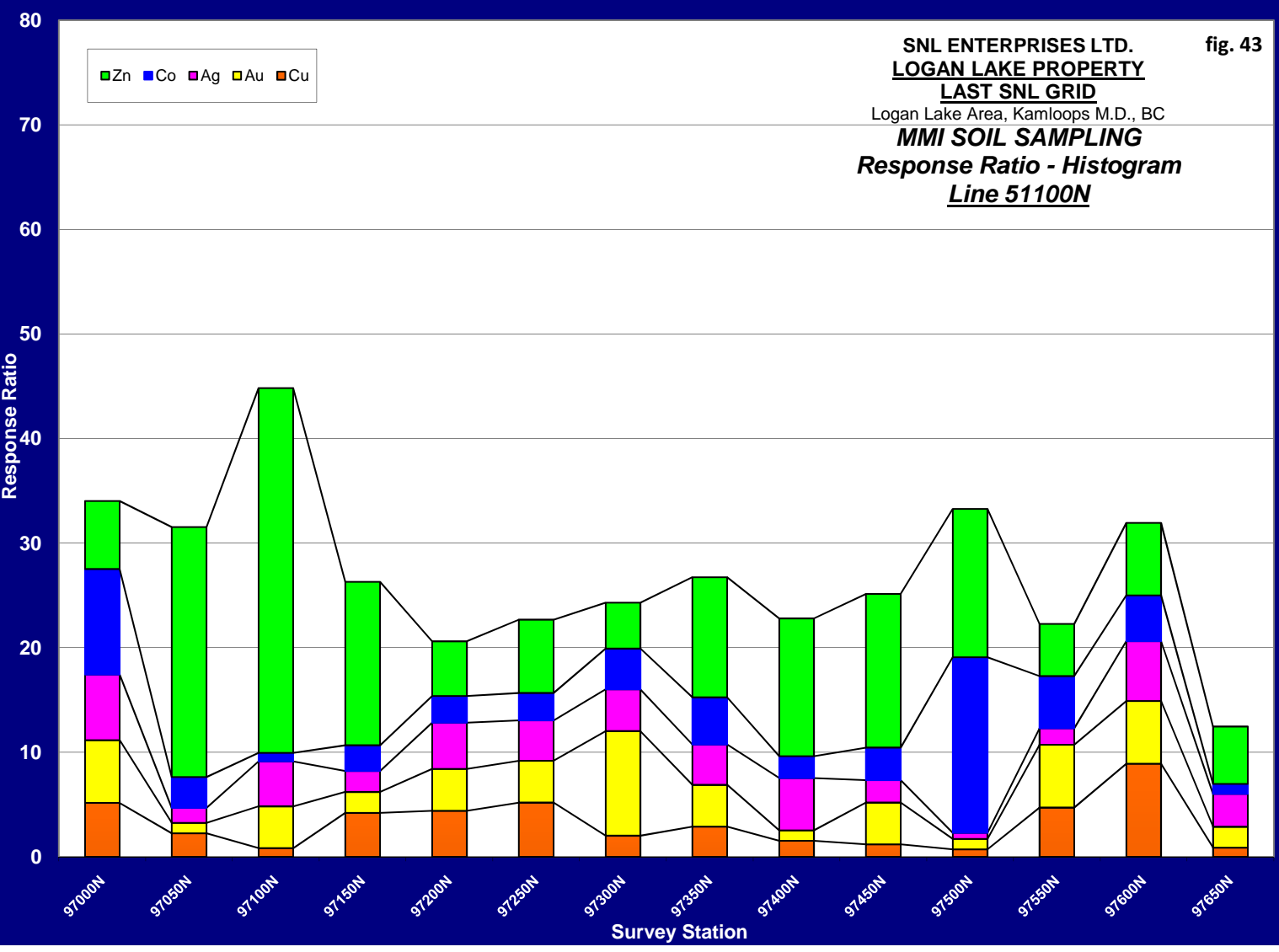
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 51000N



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 51100N

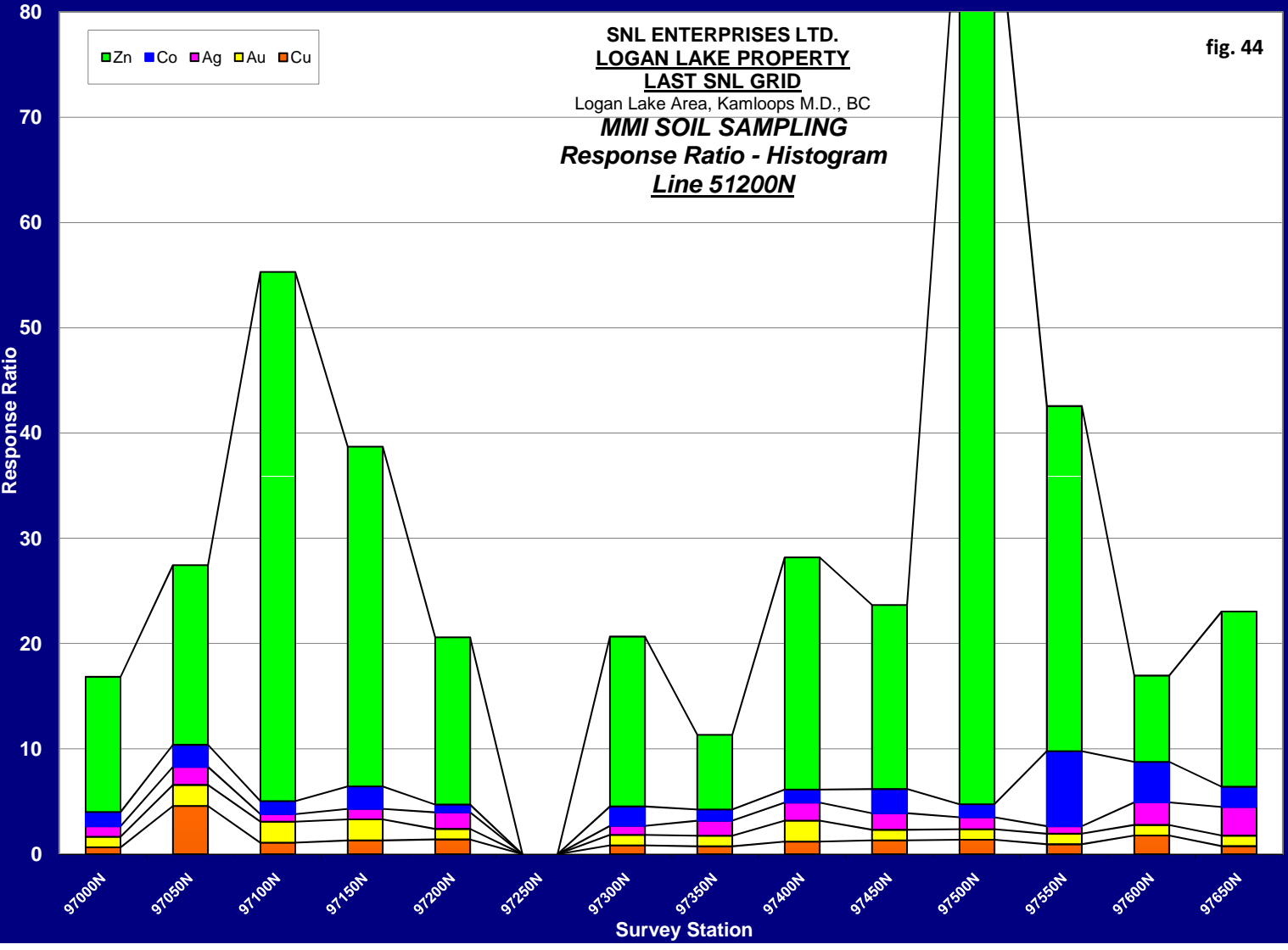
fig. 43



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 44

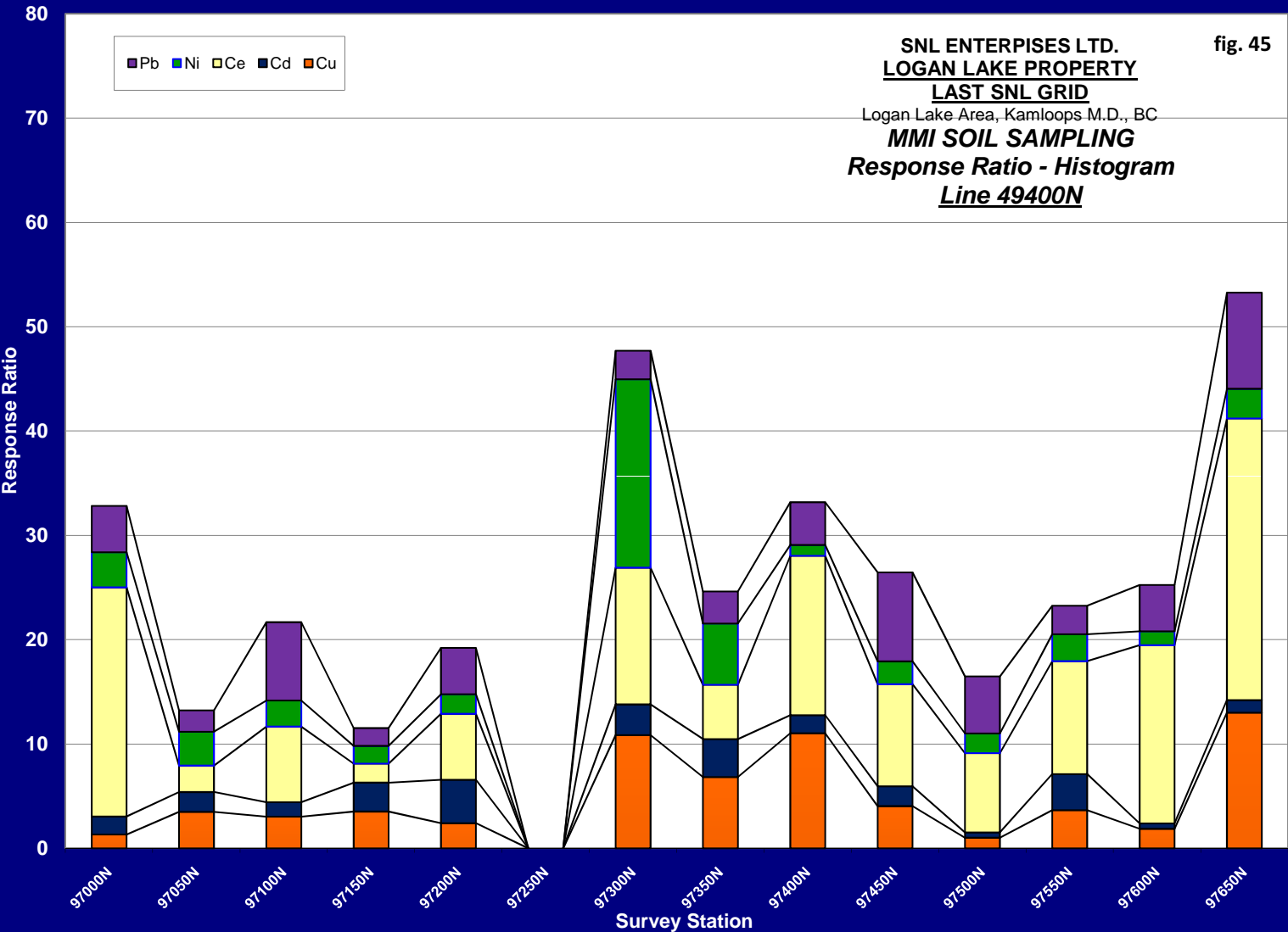
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 51200N



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 45

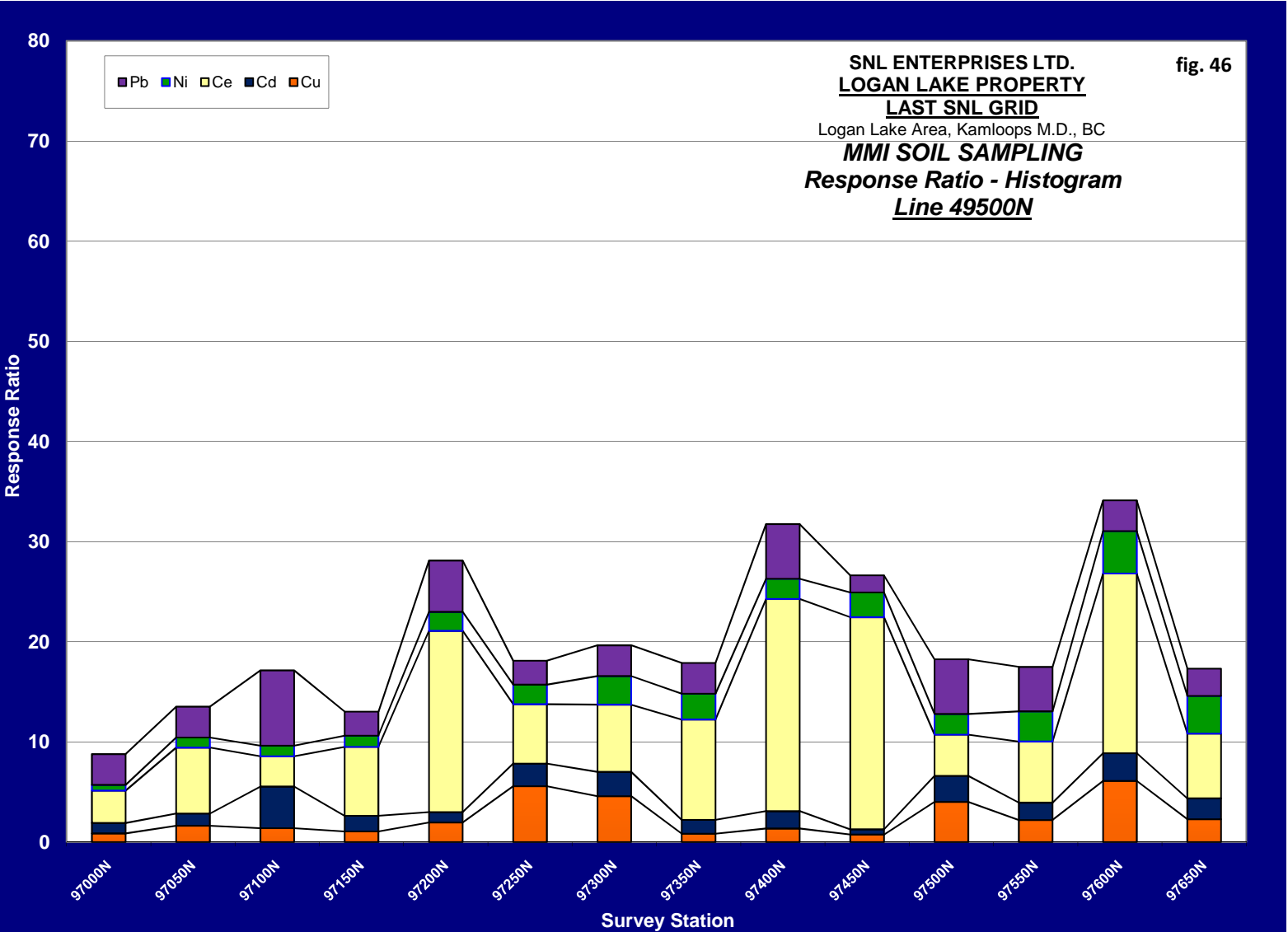
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 49400N



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 46

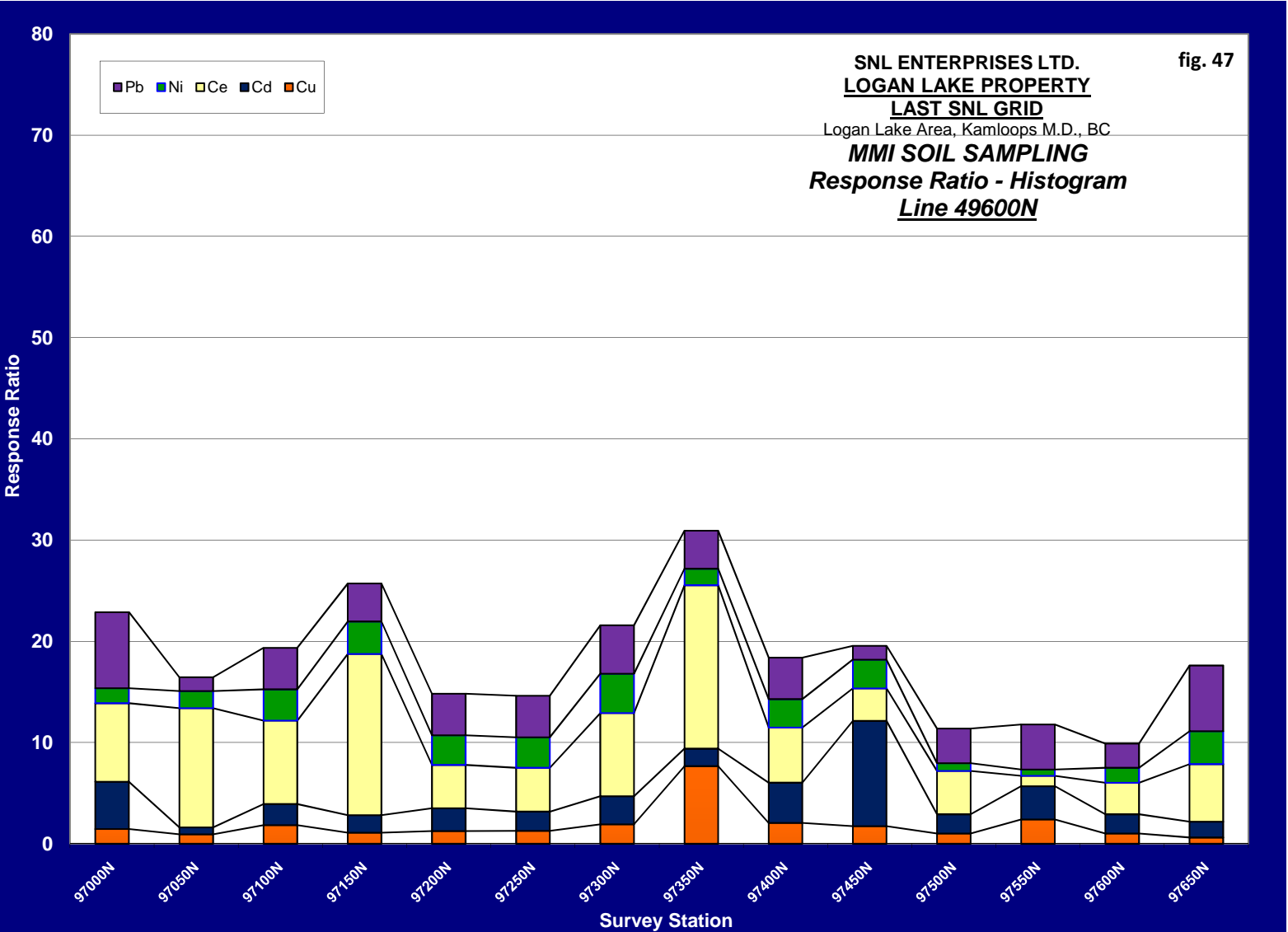
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 49500N



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 47

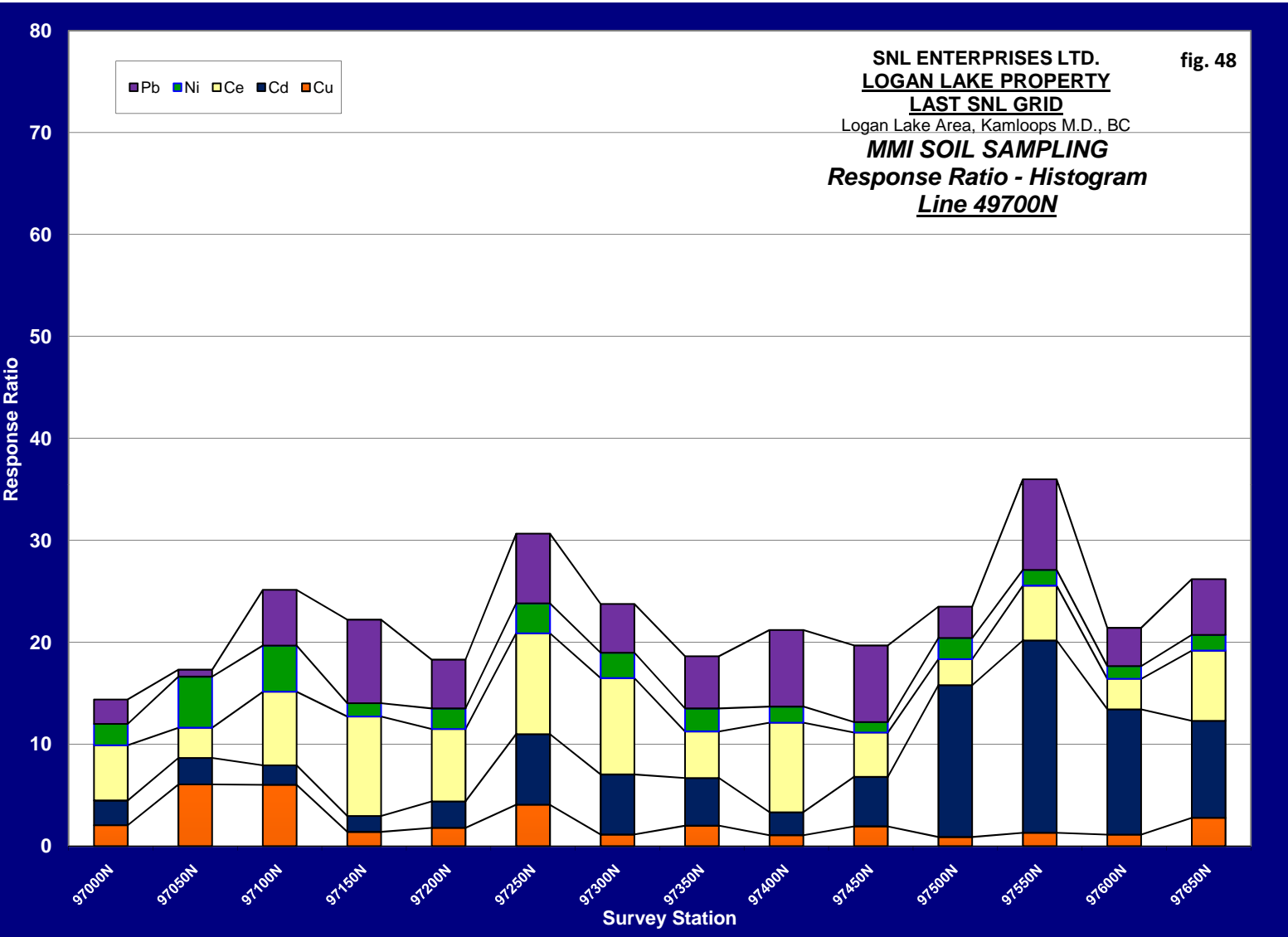
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 49600N



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 48

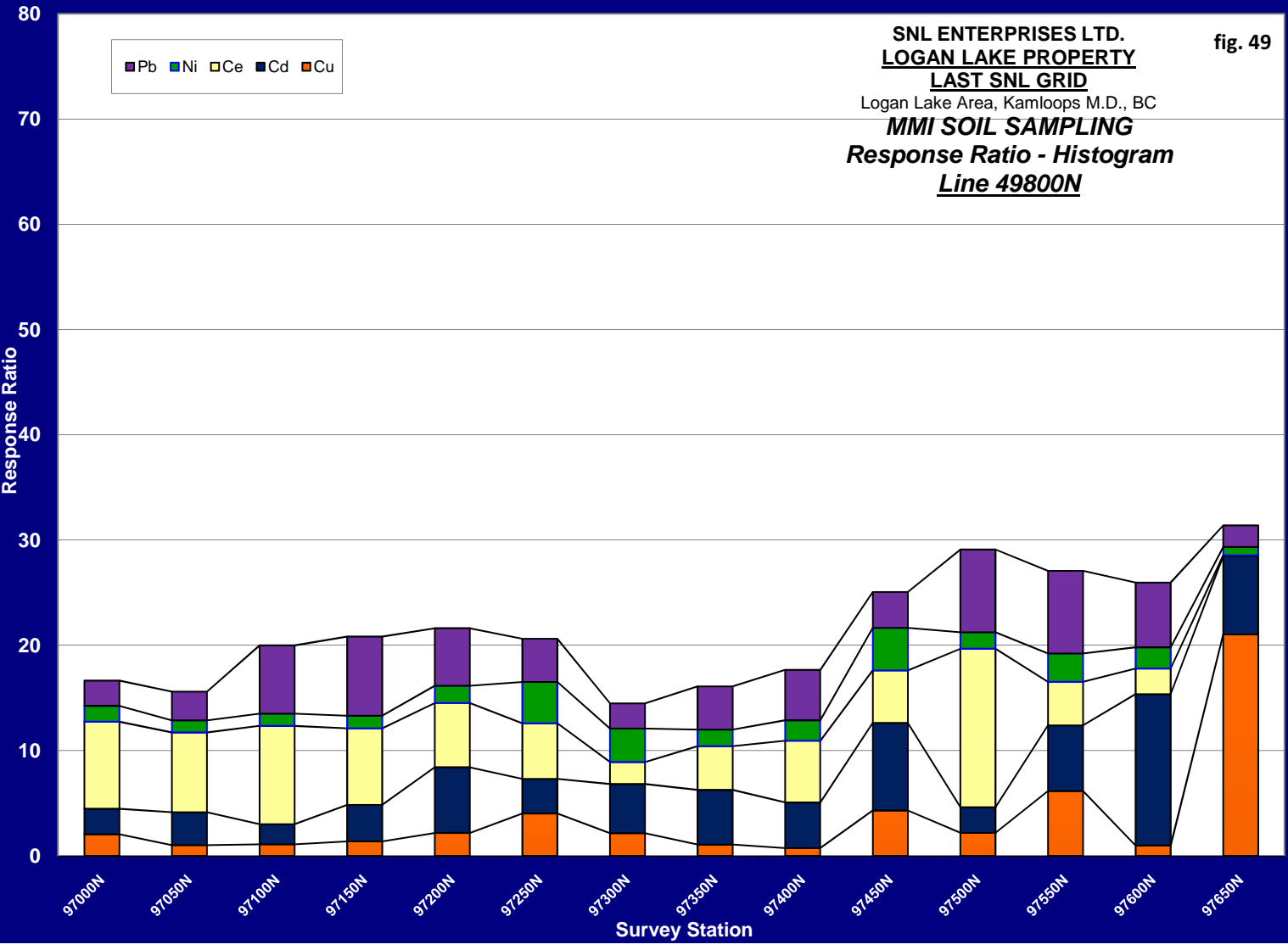
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 49700N



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 49800N

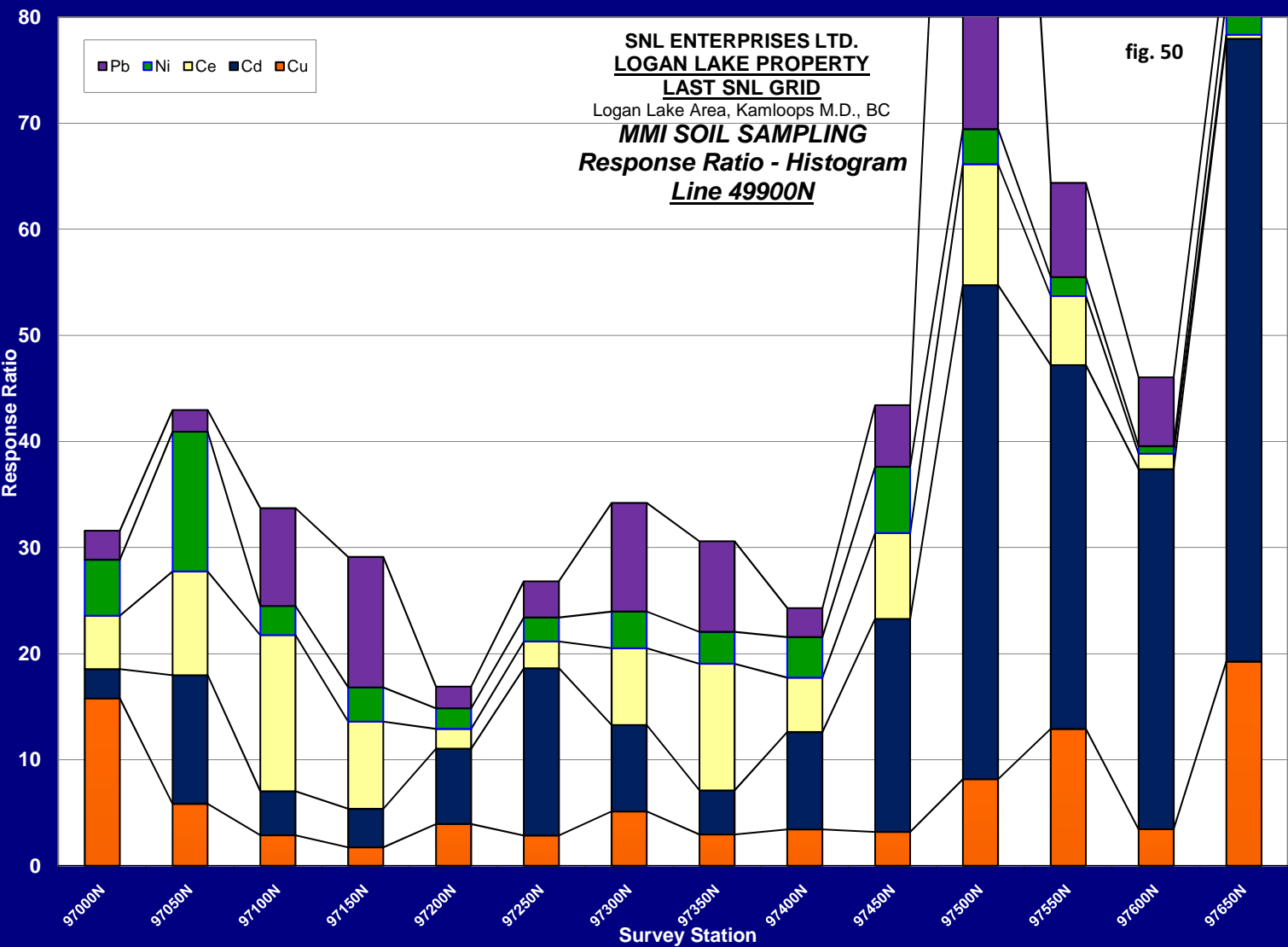
fig. 49



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 49900N

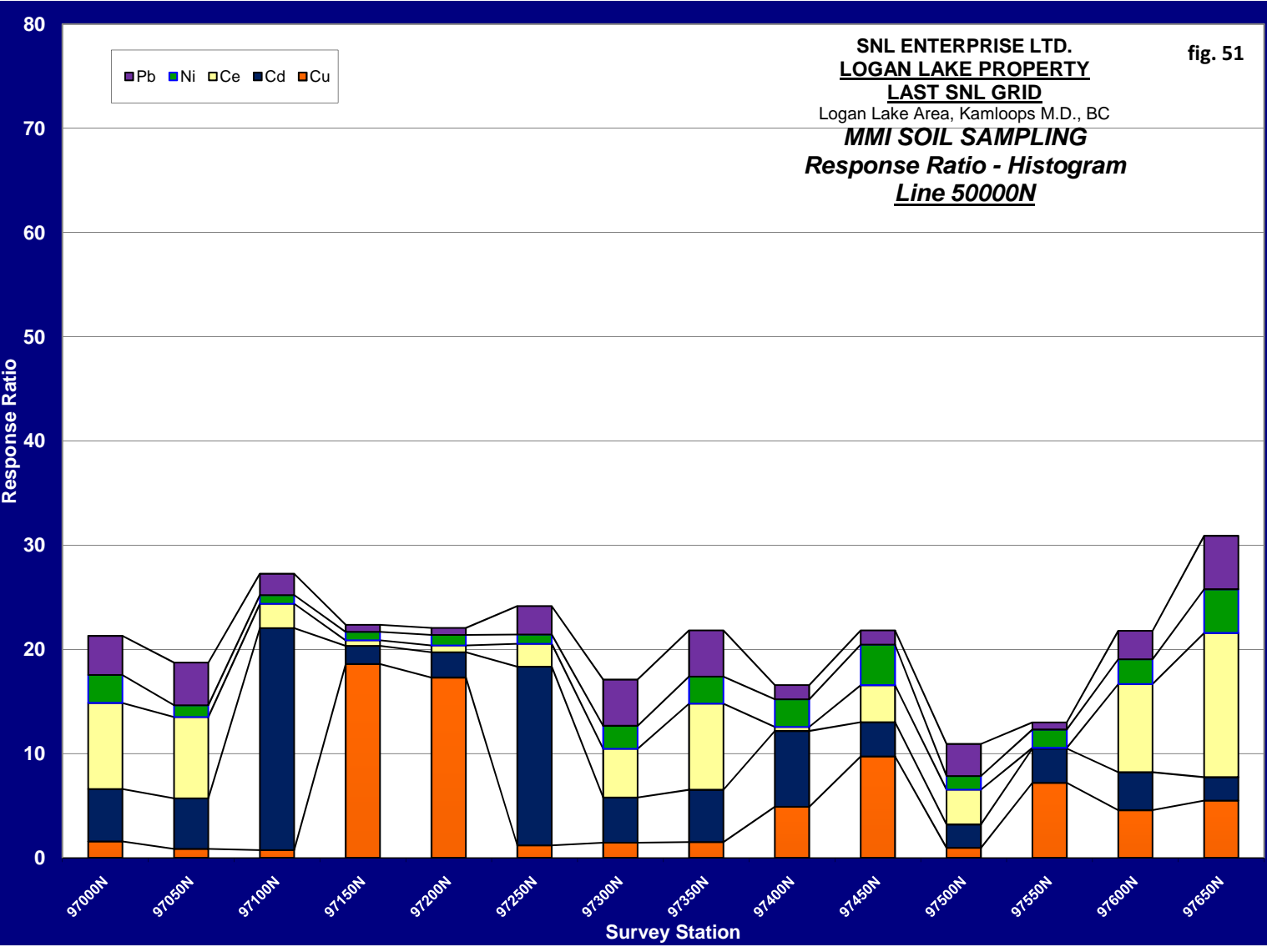
fig. 50



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 51

SNL ENTERPRISE LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 5000N

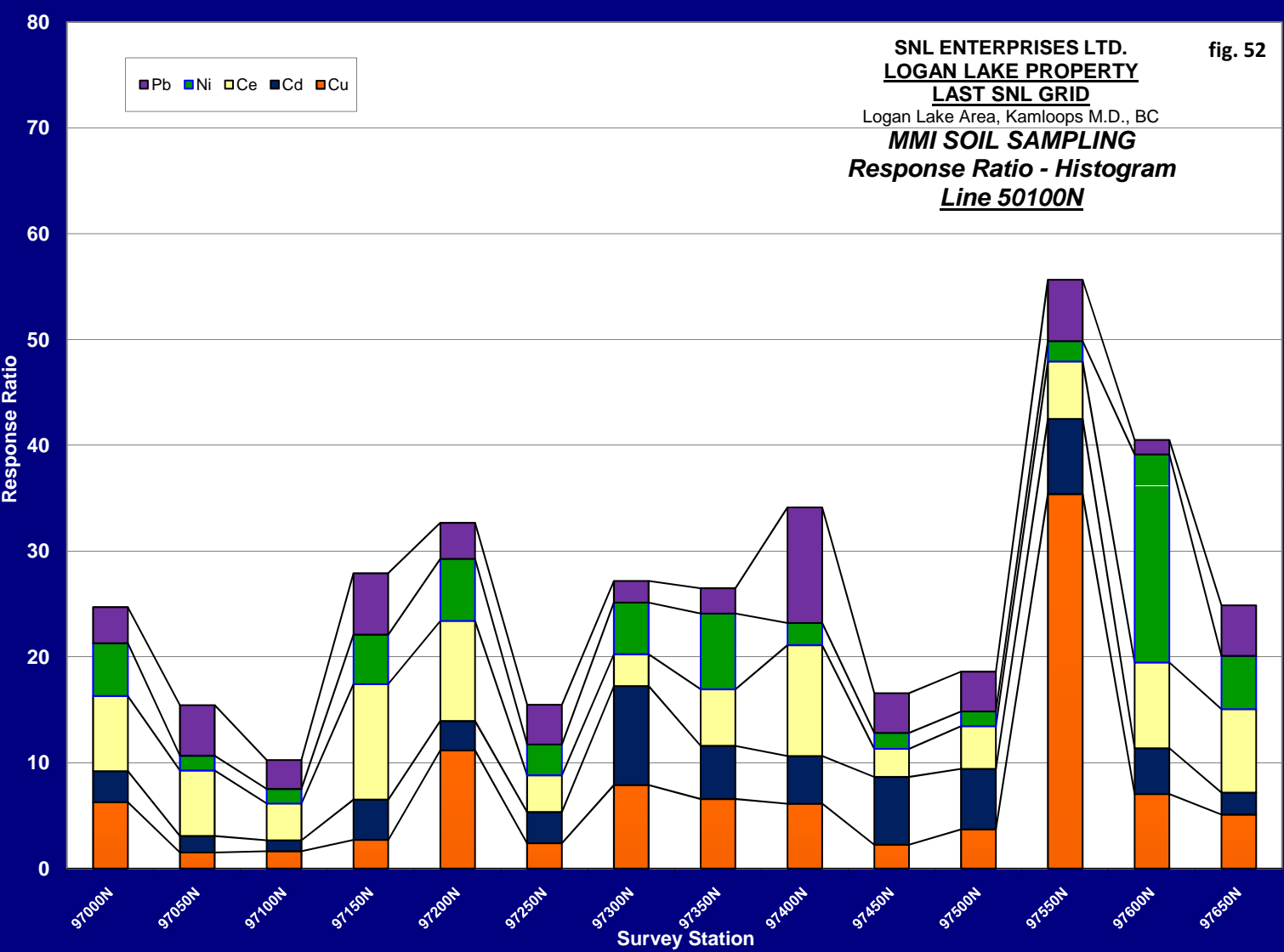


Data Reduced by: GEOTRONICS CONSULTING INC

fig. 52

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50100N

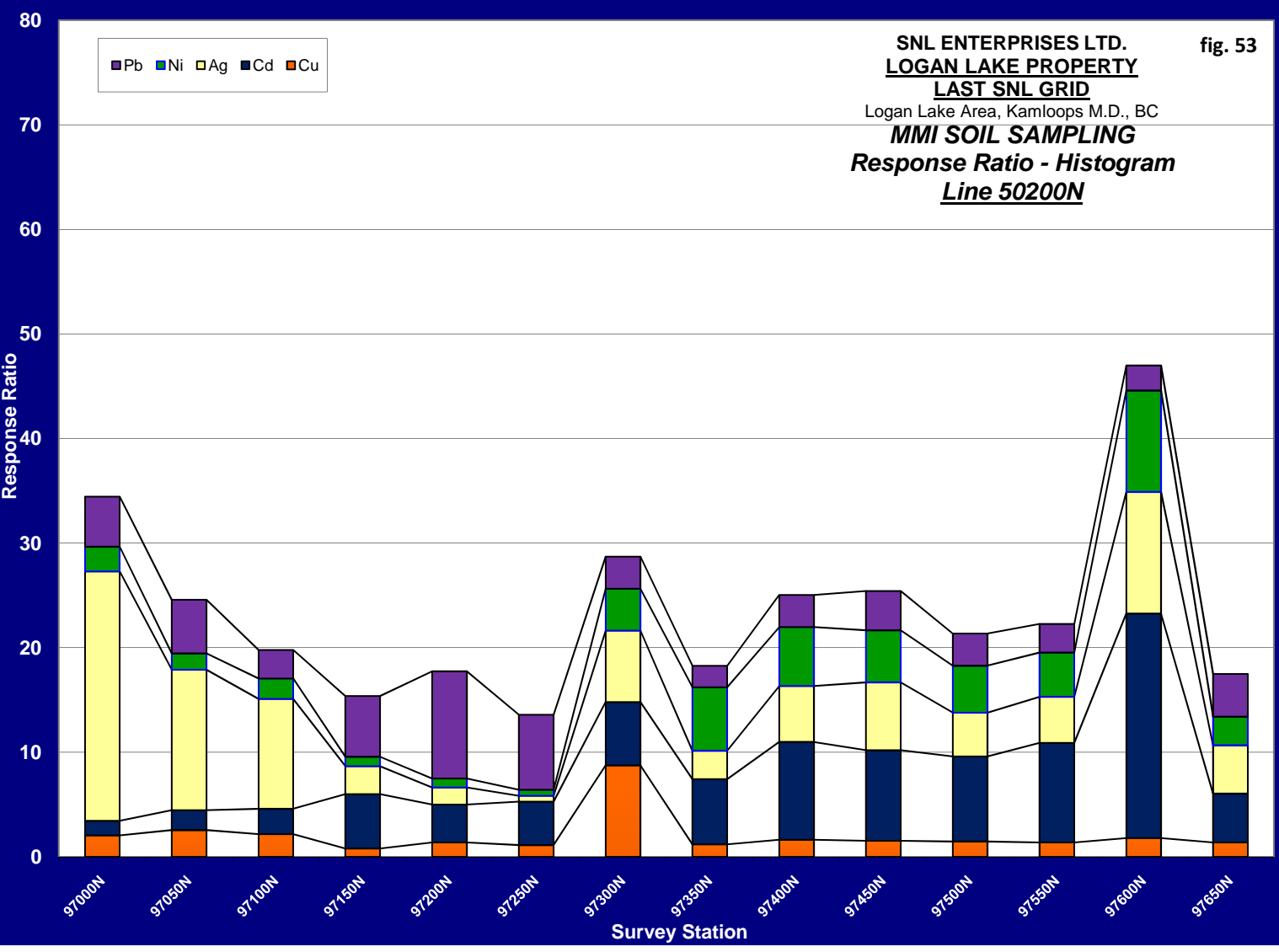
Pb Ni Ce Cd Cu



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50200N

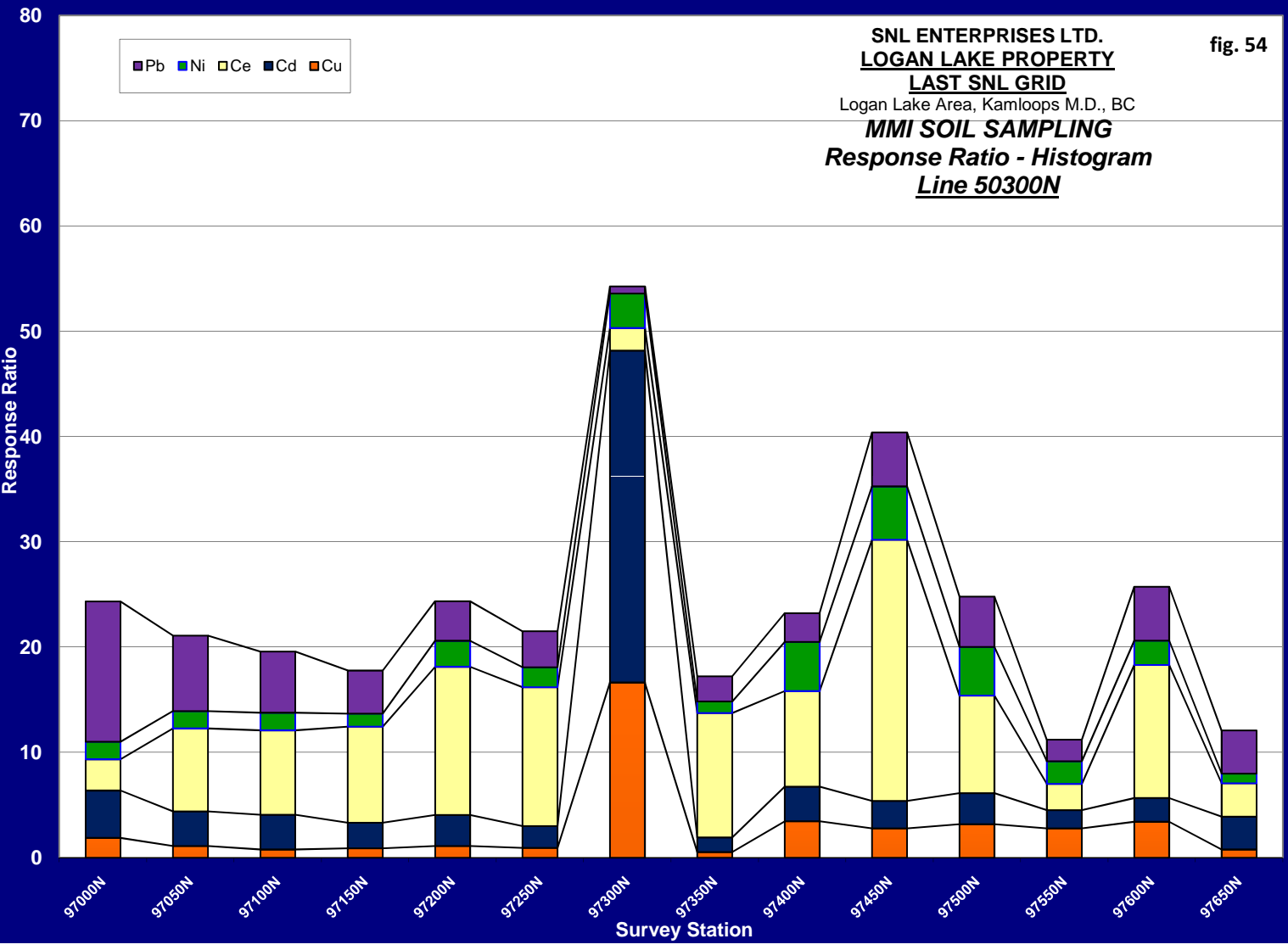
fig. 53



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50300N

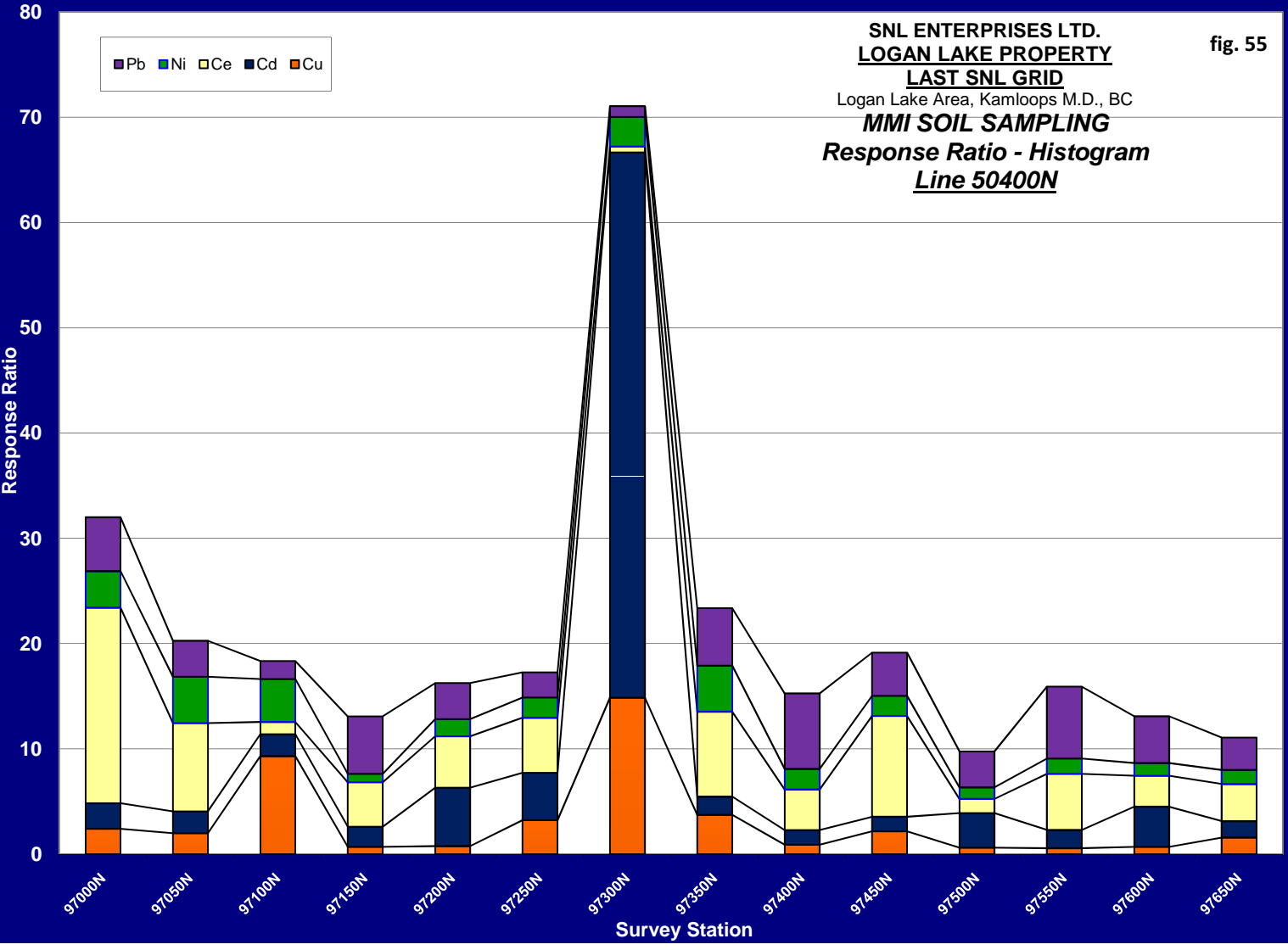
fig. 54



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 55

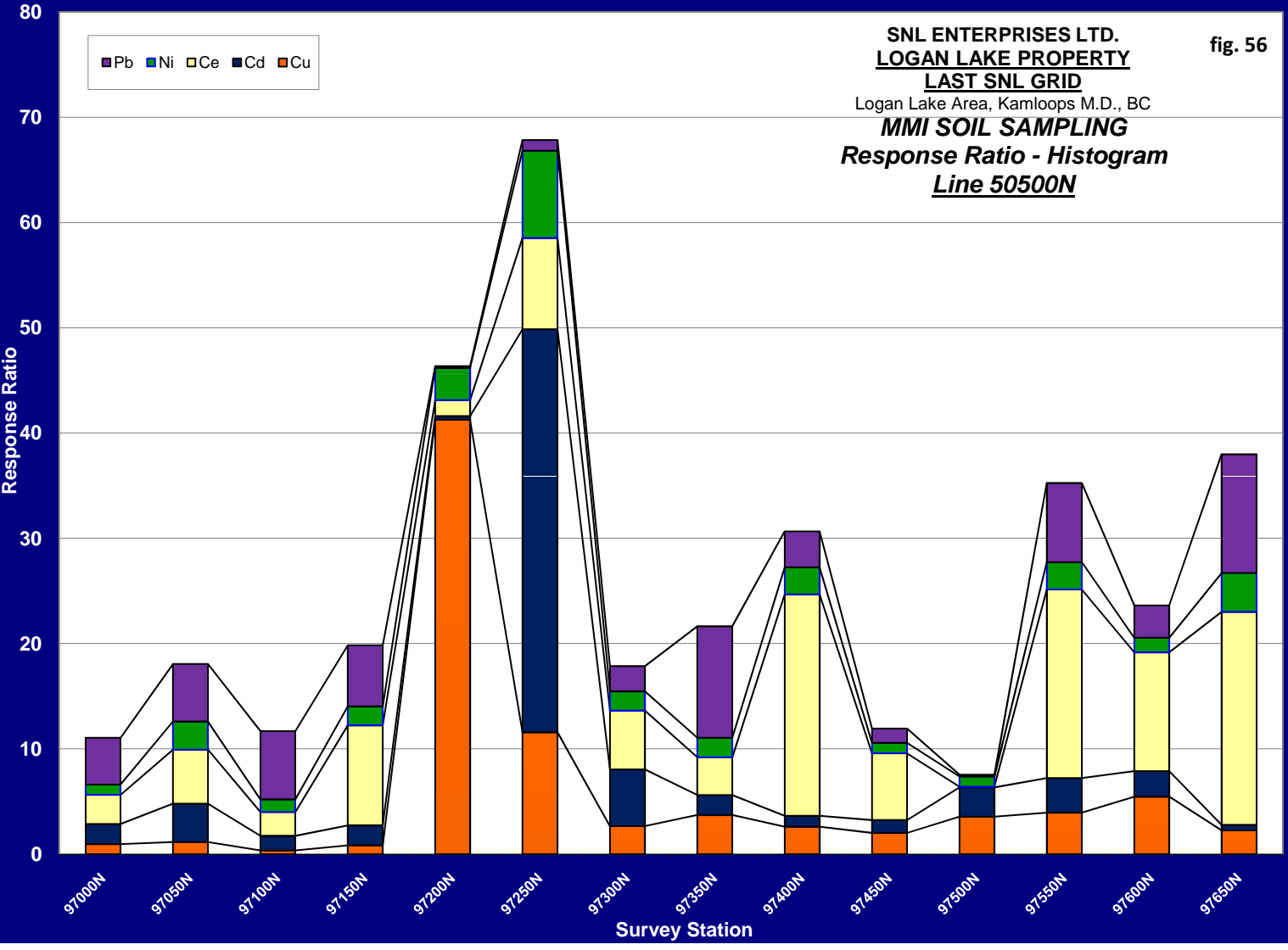
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50400N



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50500N

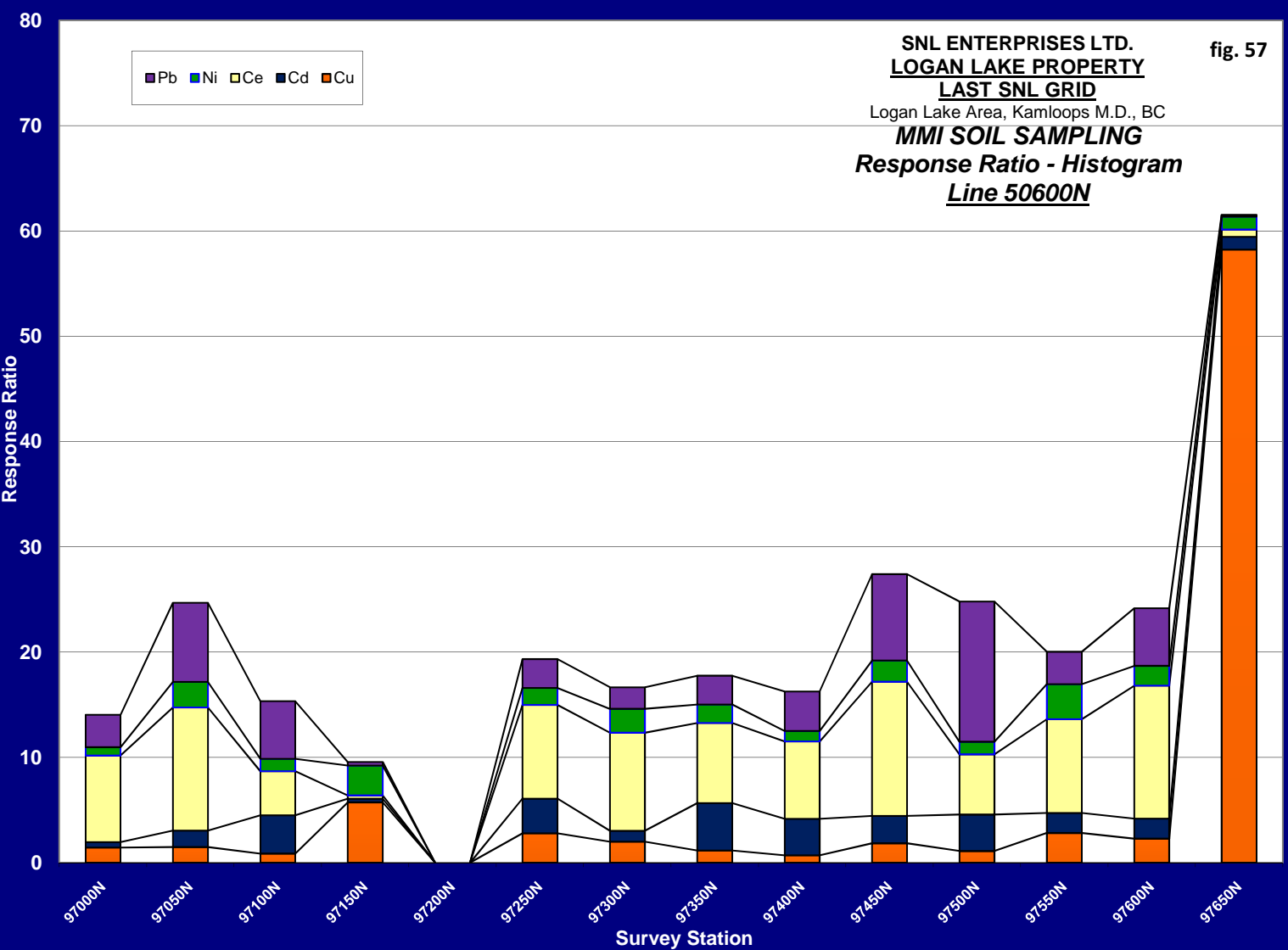
fig. 56



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50600N

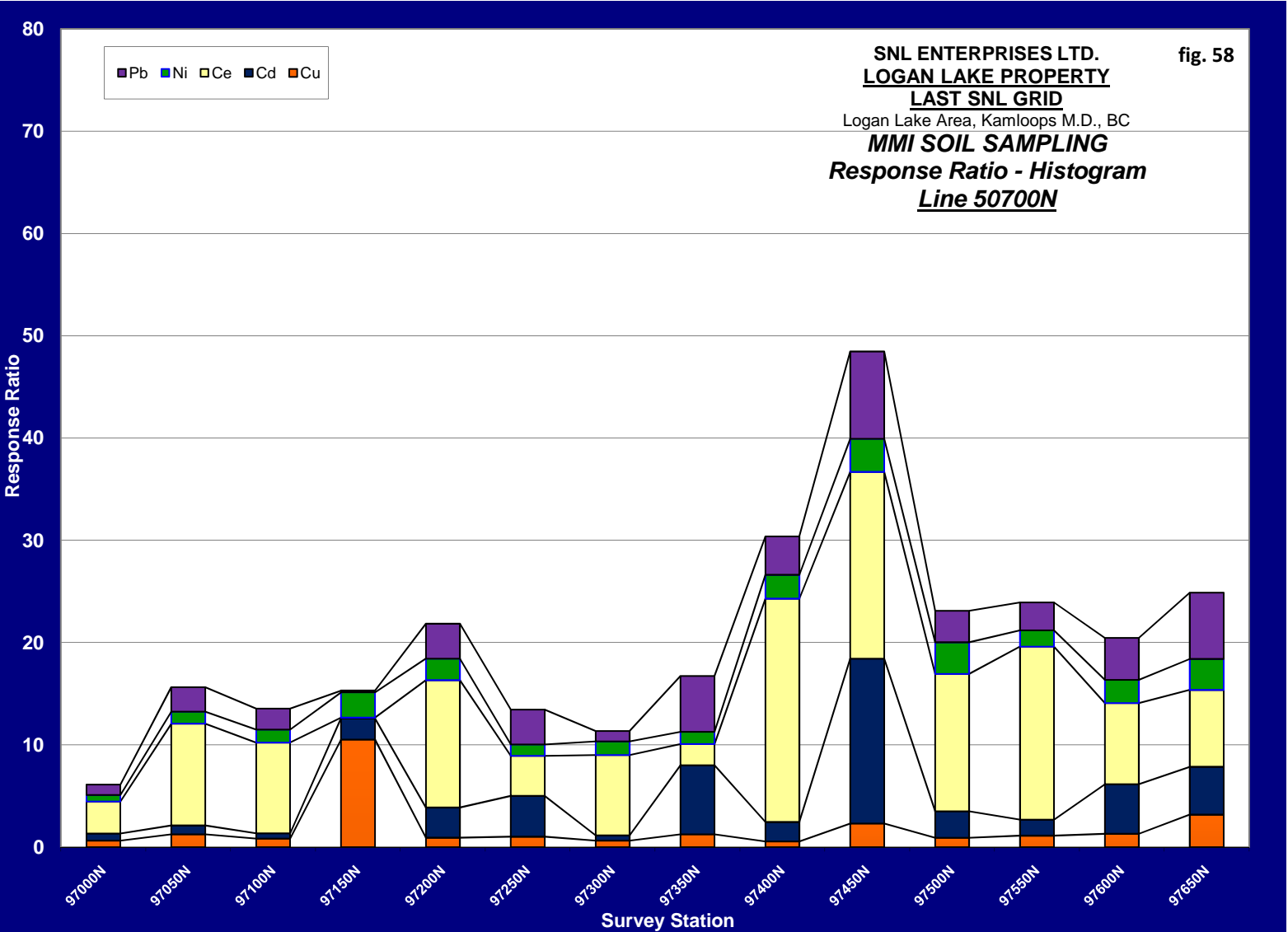
fig. 57



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 58

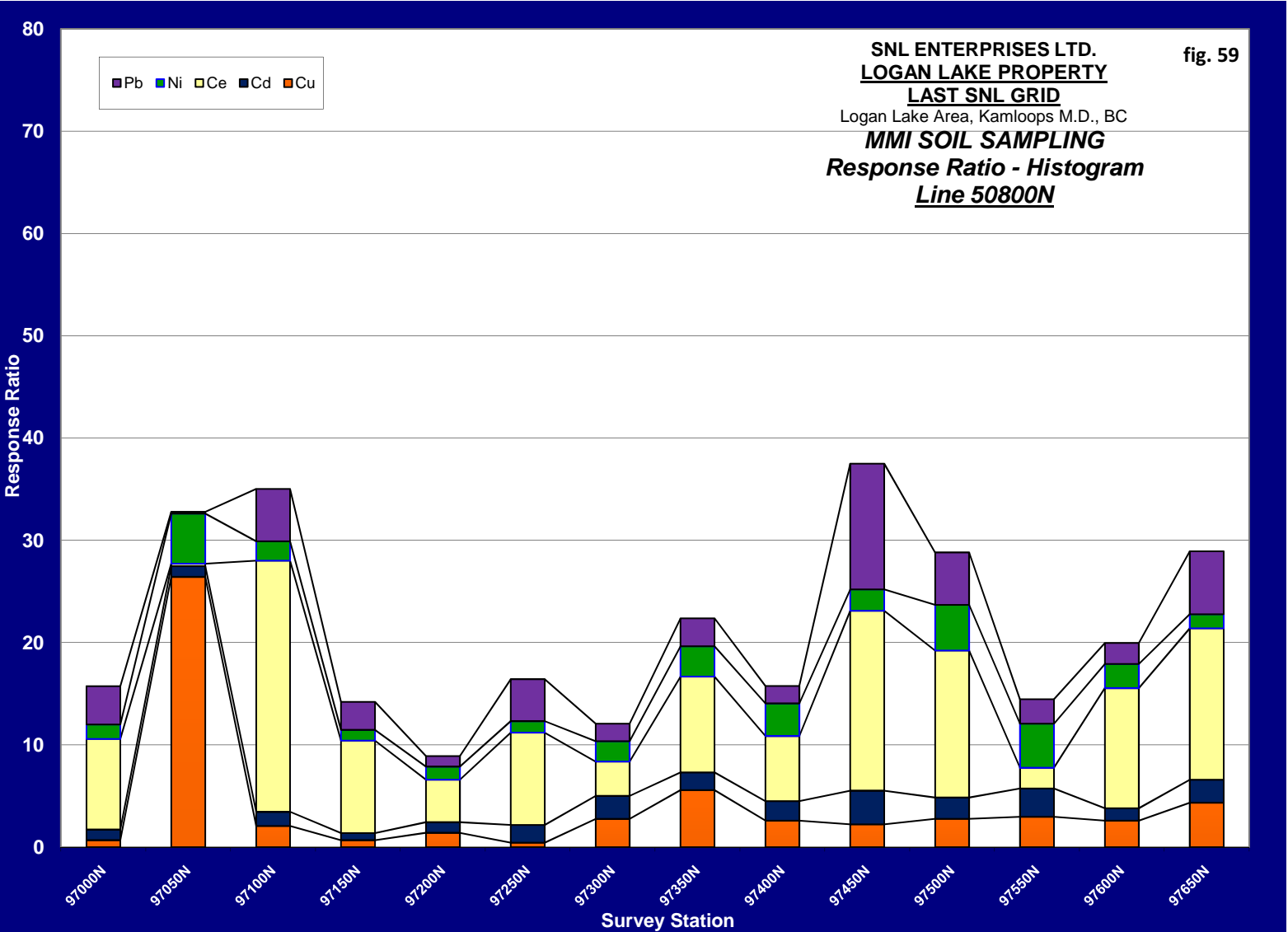
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50700N



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50800N

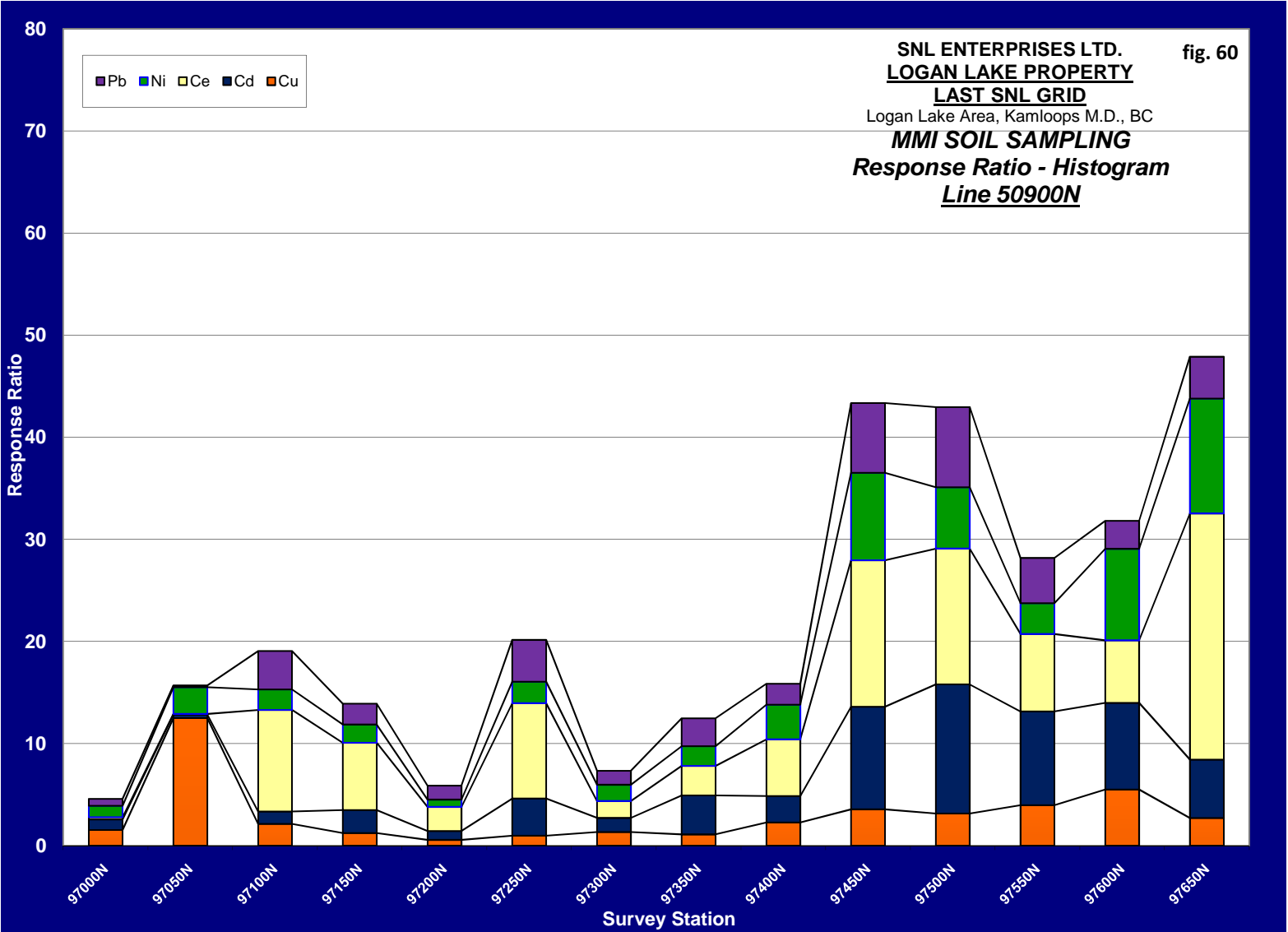
fig. 59



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 50900N

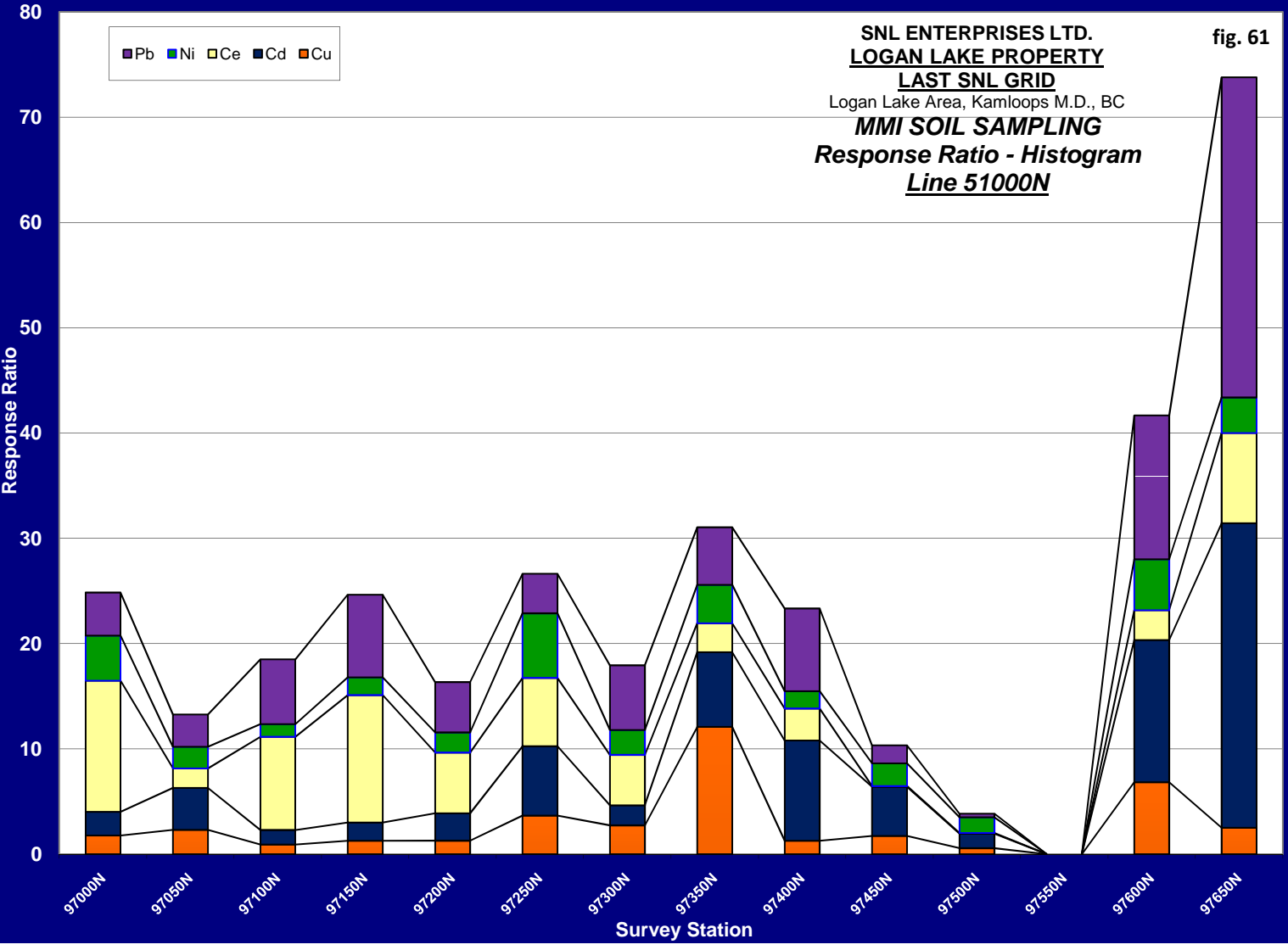
fig. 60



Data Reduced by: GEOTRONICS CONSULTING INC

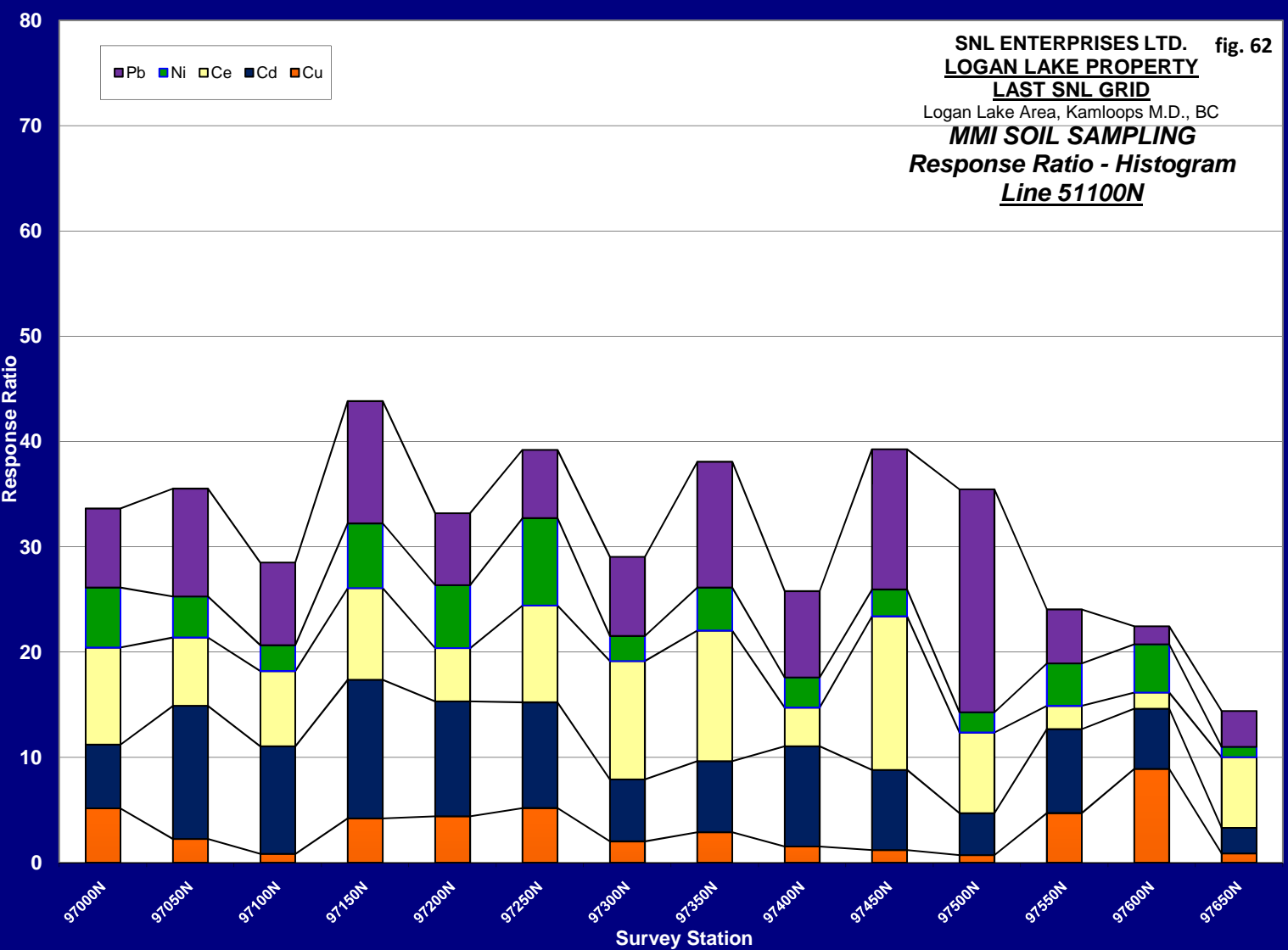
fig. 61

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
LAST SNL GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 51000N



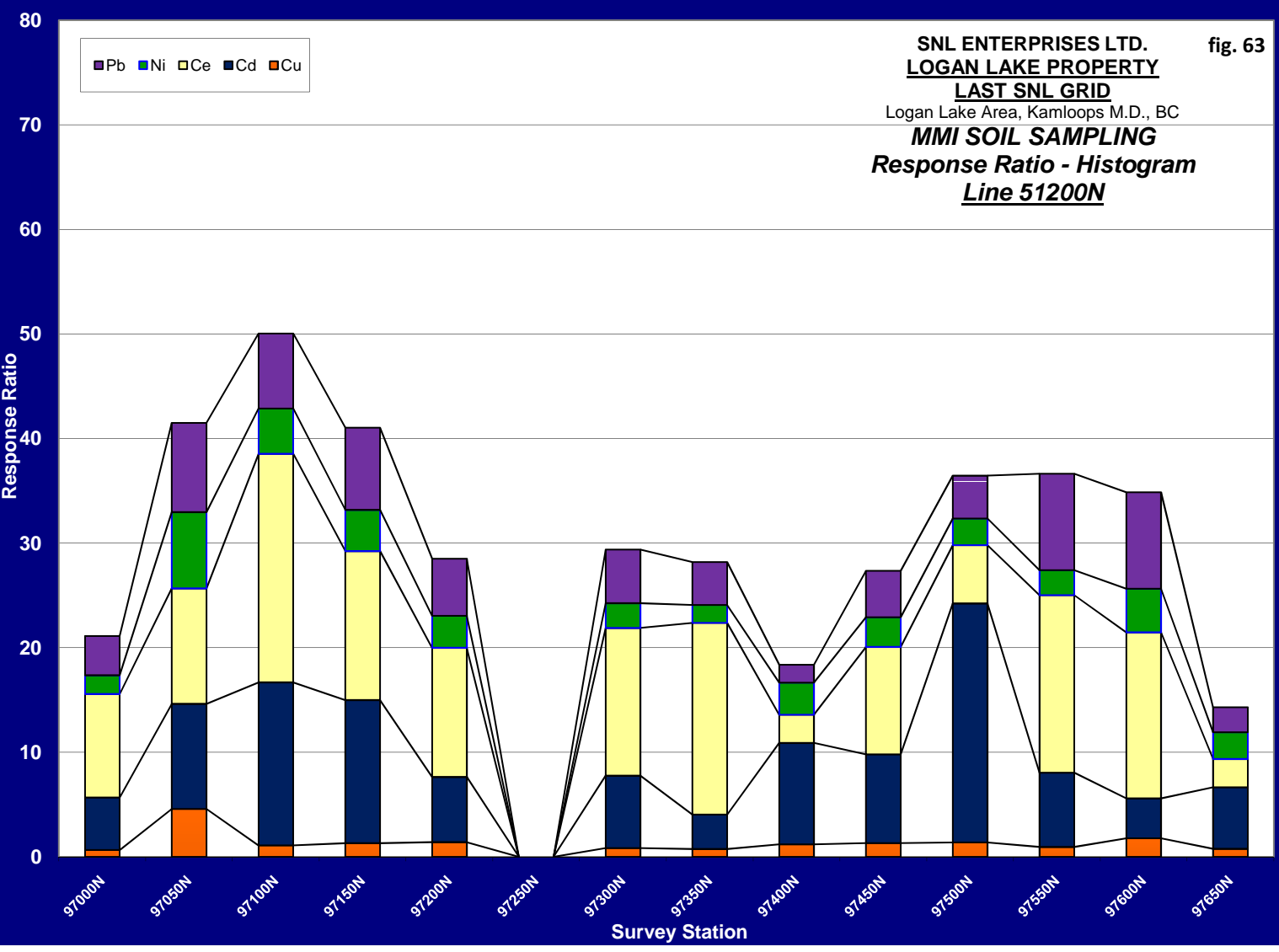
Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD. fig. 62
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 51100N



Data Reduced by: GEOTRONICS CONSULTING INC

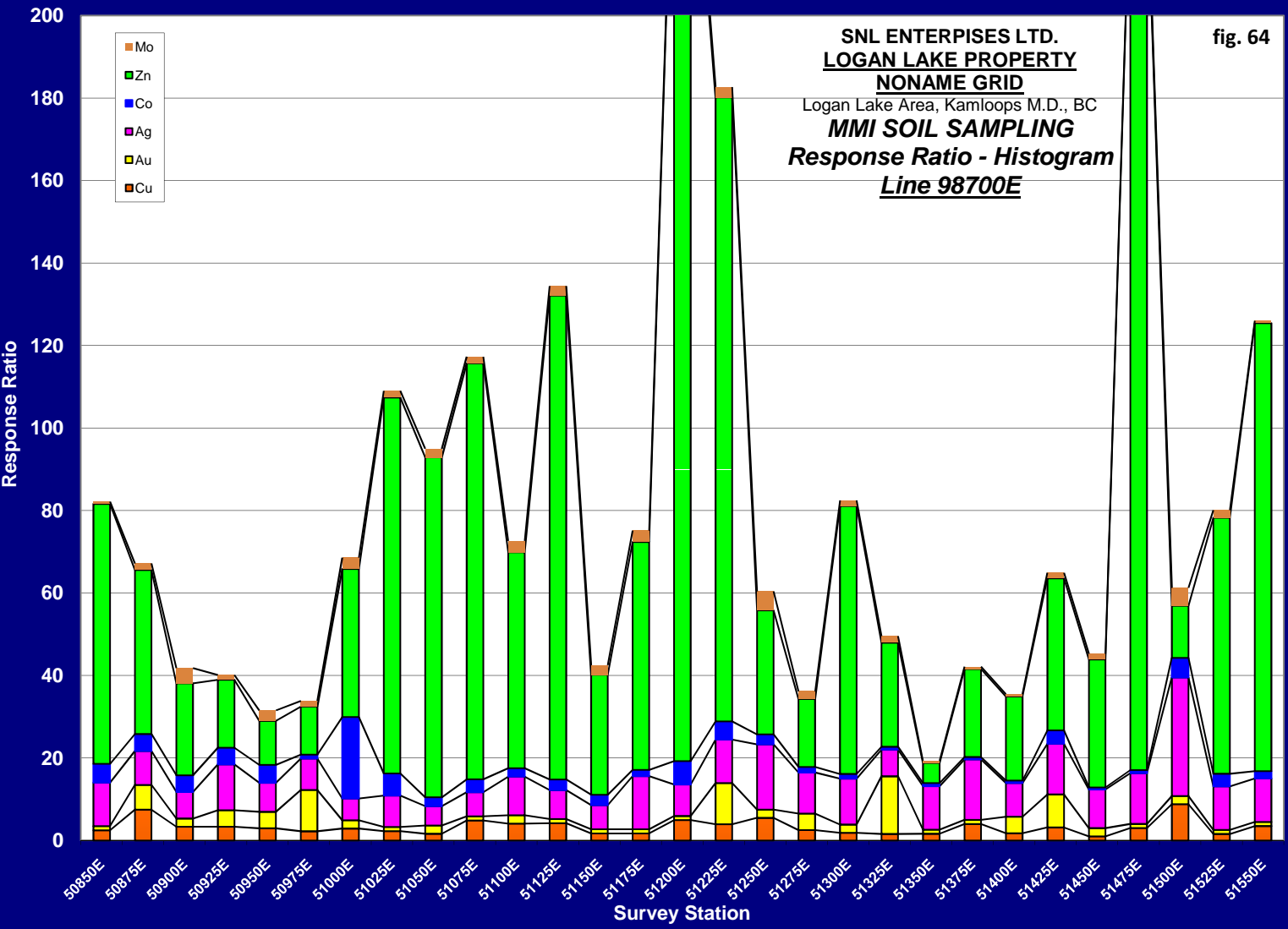
SNL ENTERPRISES LTD. fig. 63
LOGAN LAKE PROPERTY
LAST SNL GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 51200N



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 64

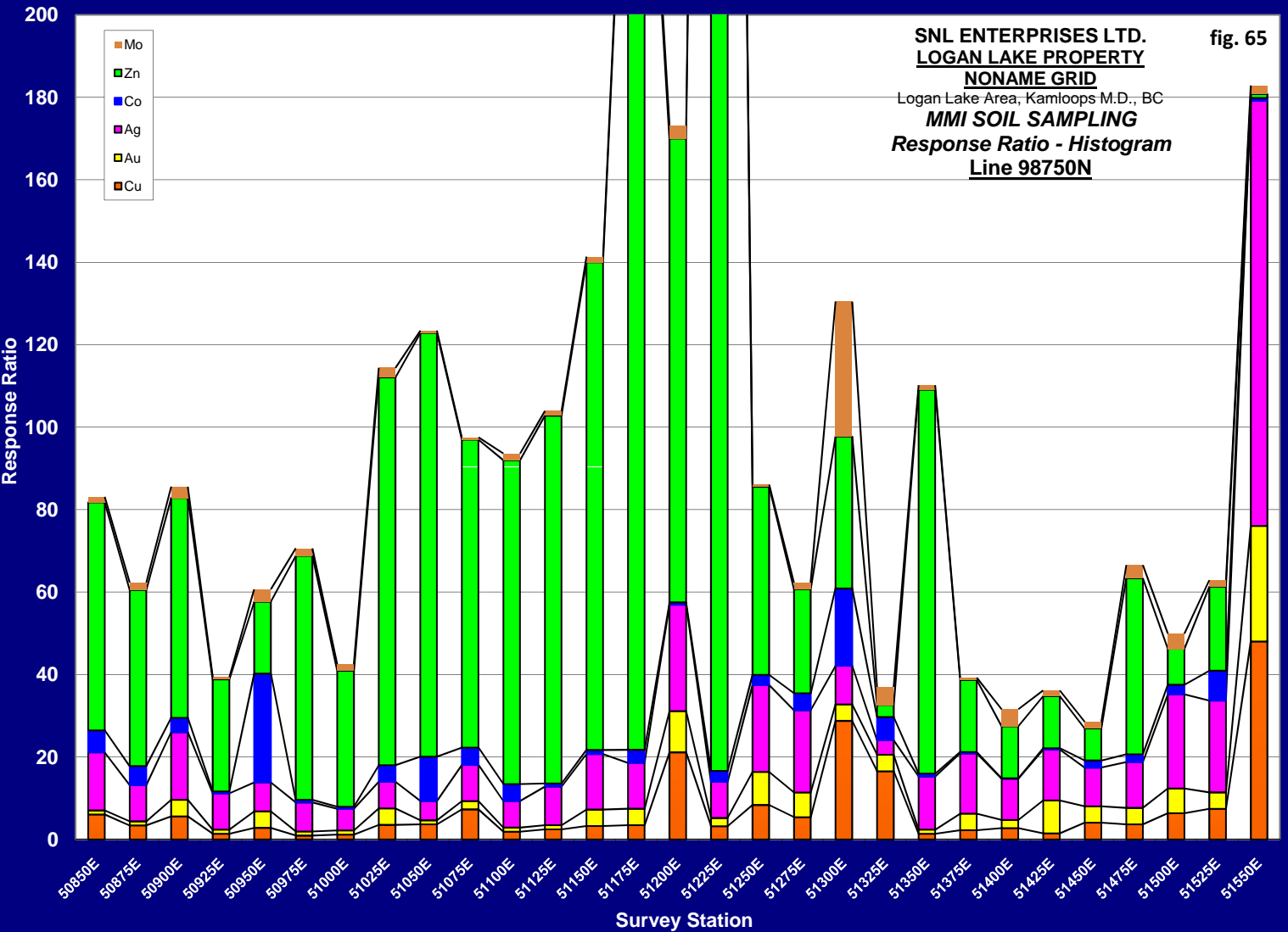
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 98700E



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 98750N

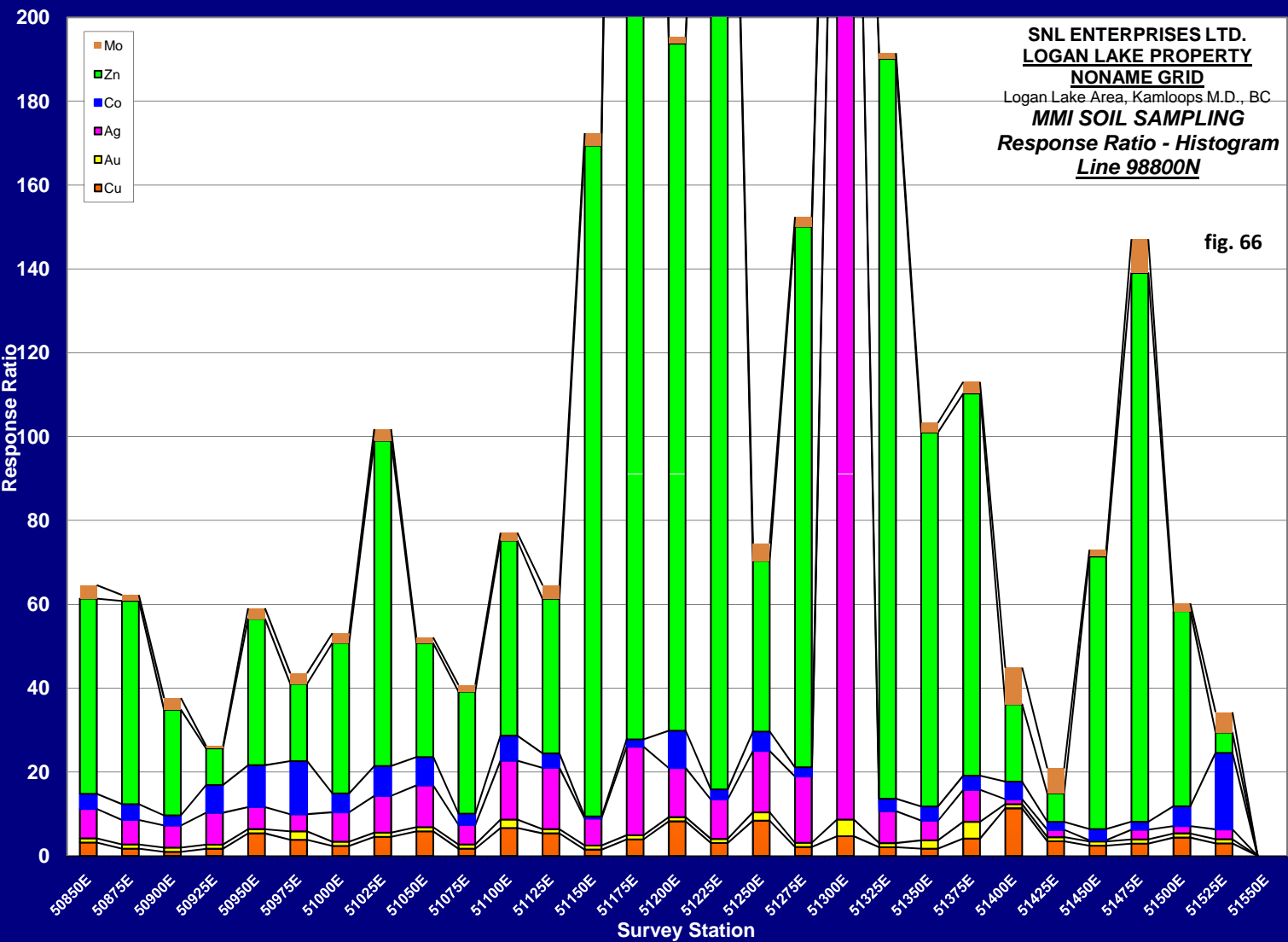
fig. 65



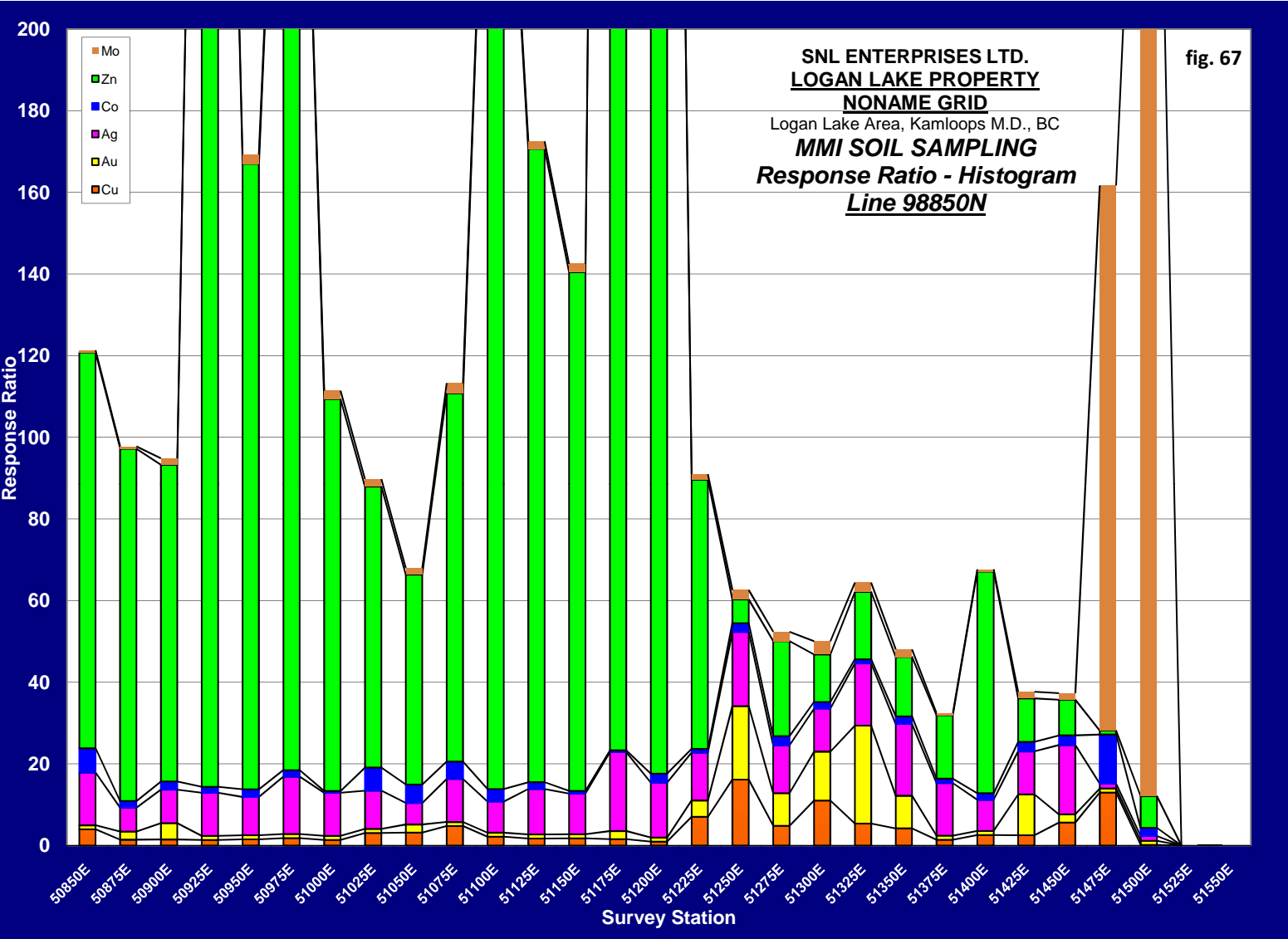
Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 98800N

fig. 66



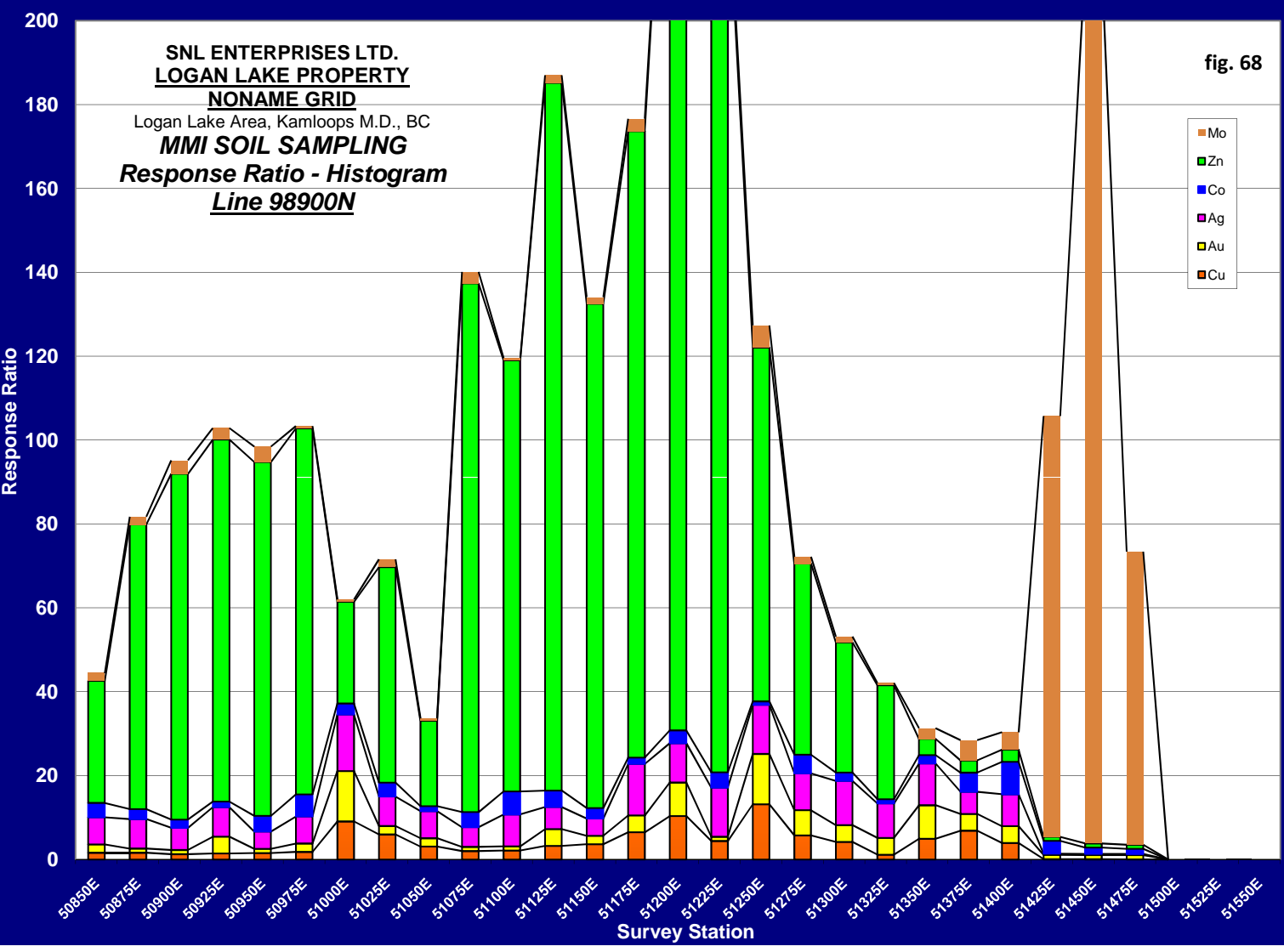
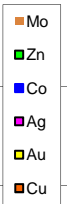
Data Reduced by: GEOTRONICS CONSULTING INC



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 98900N

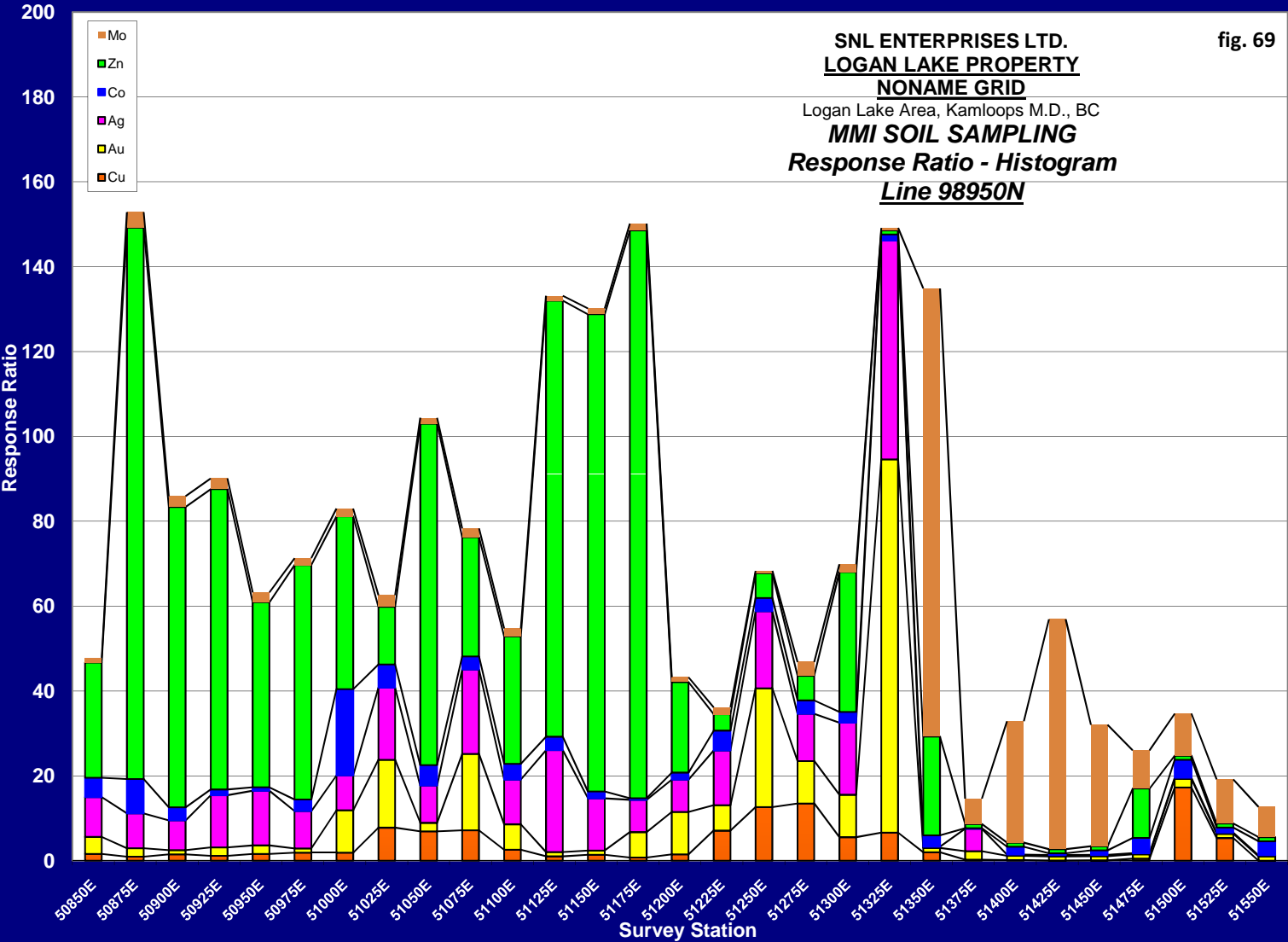
fig. 68



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 69

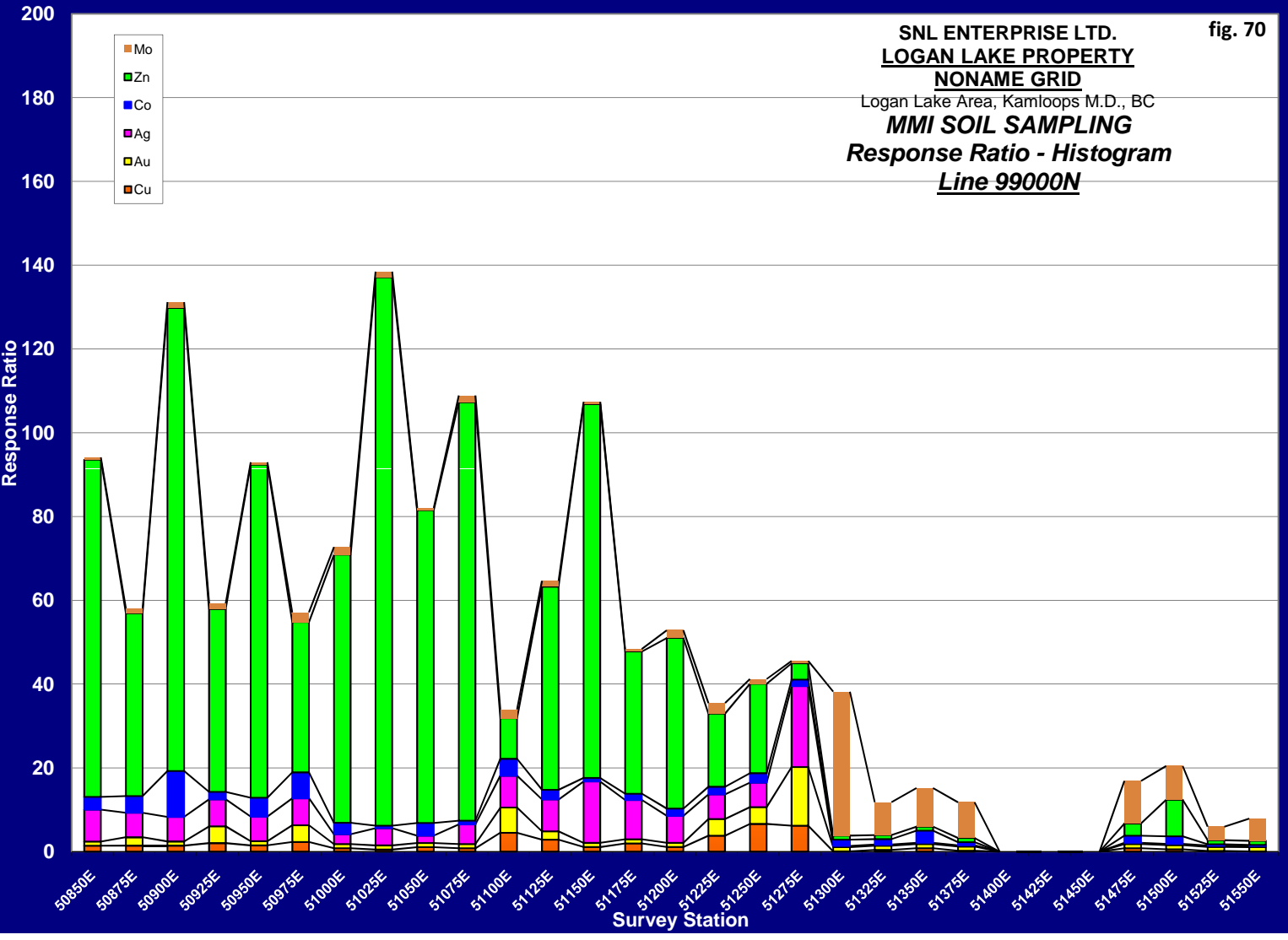
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 98950N



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISE LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99000N

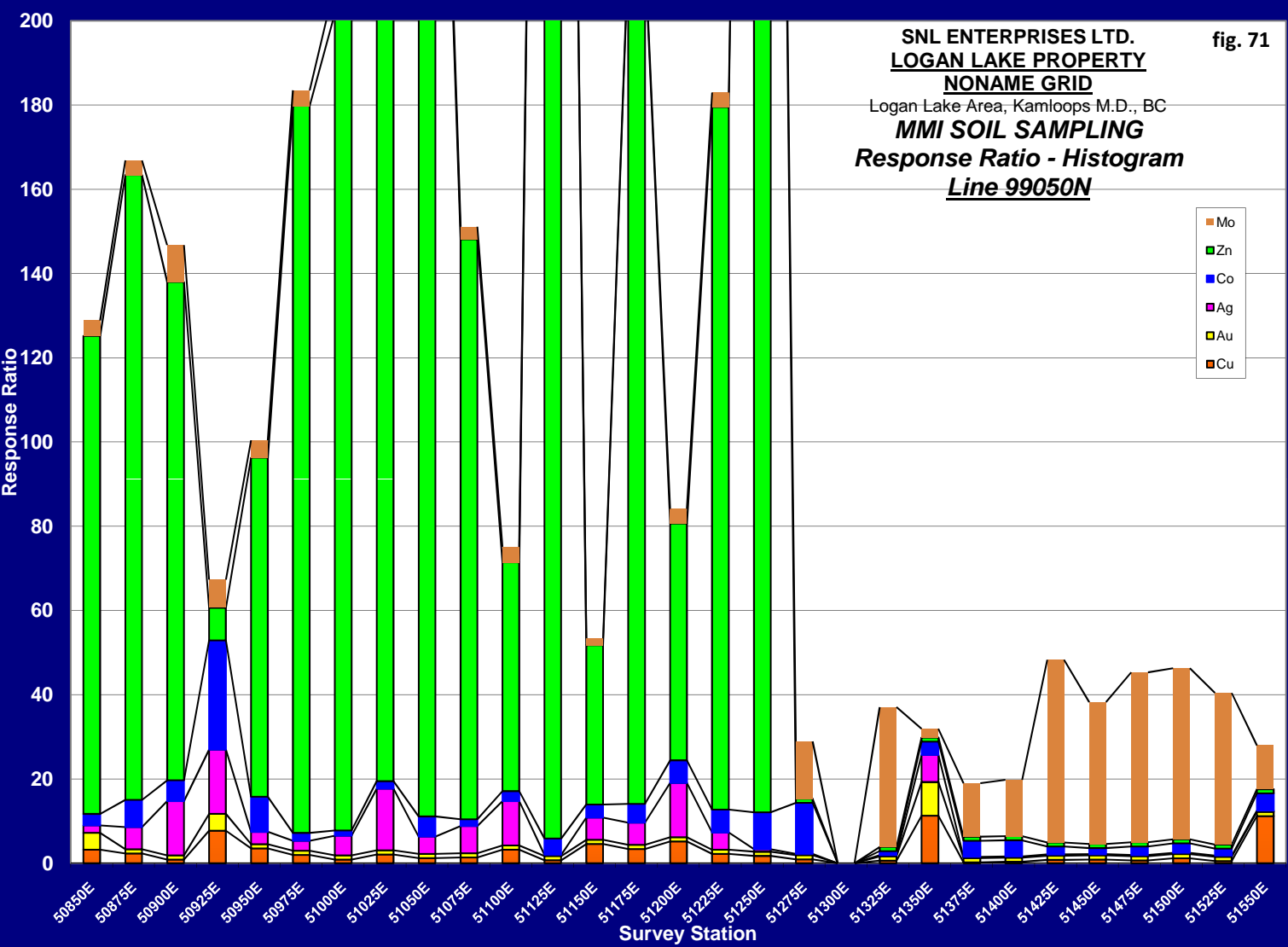
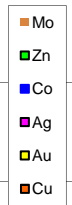
fig. 70



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
 Response Ratio - Histogram
Line 99050N

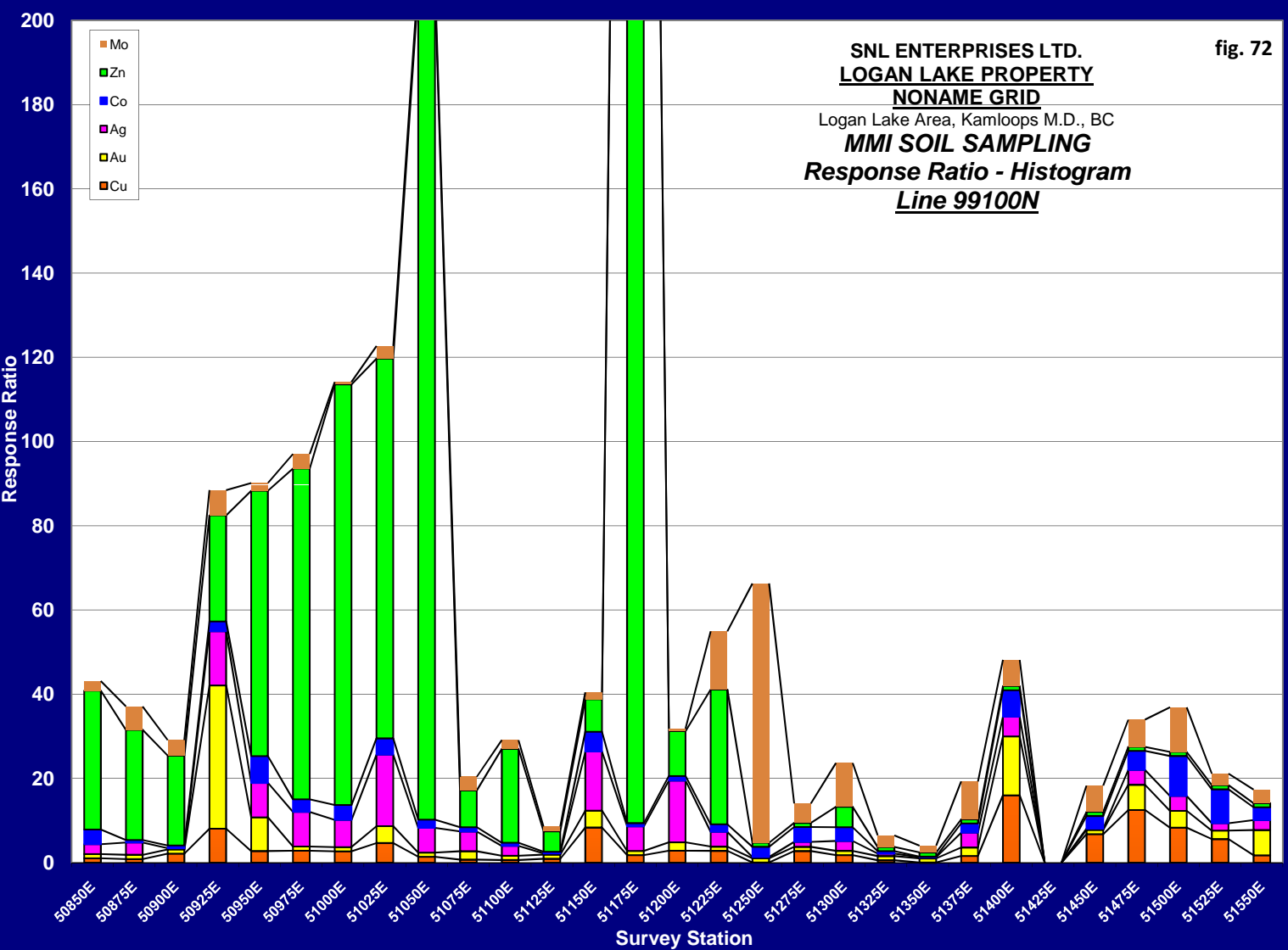
fig. 71



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 72

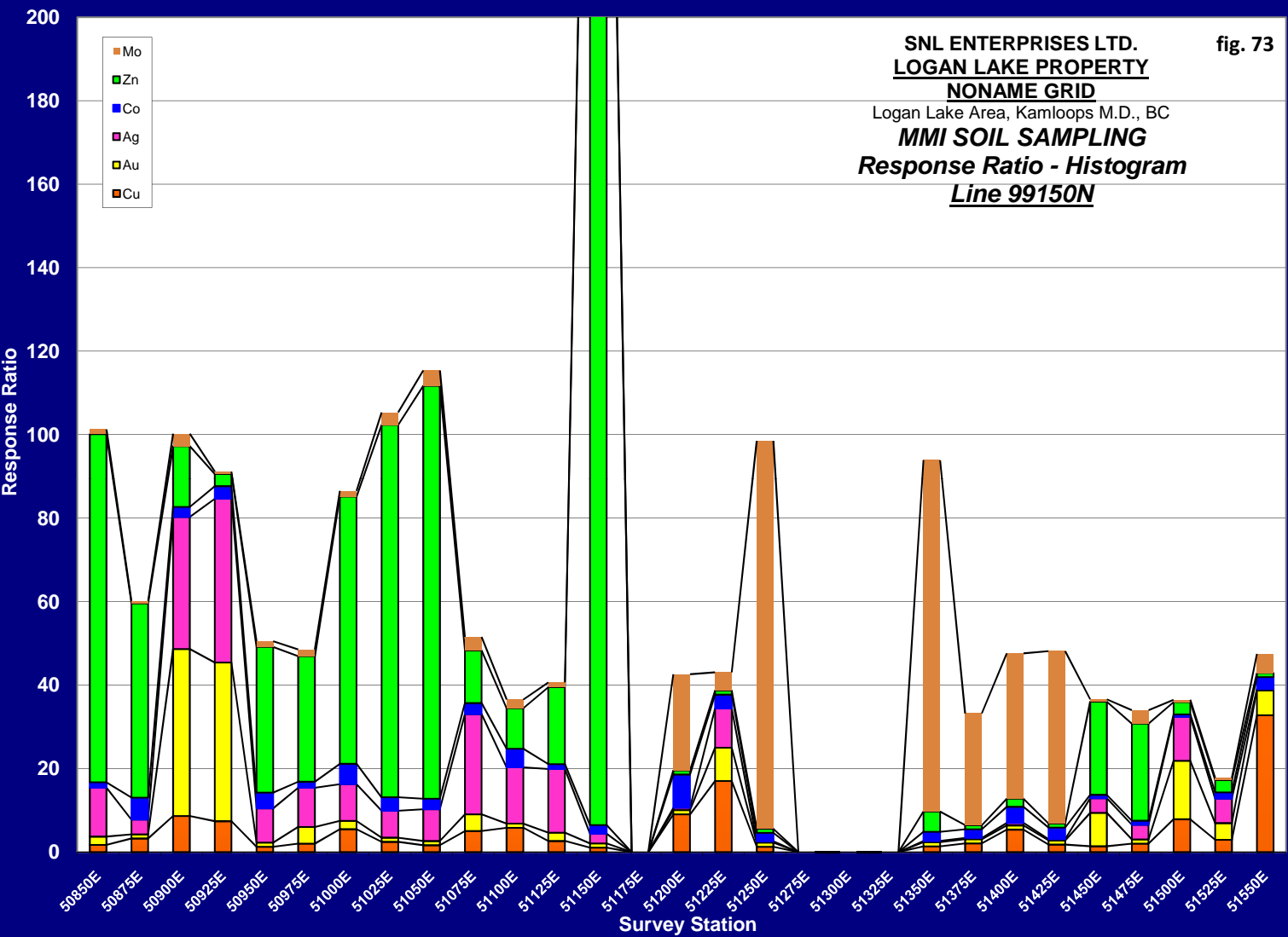
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99100N



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99150N

fig. 73

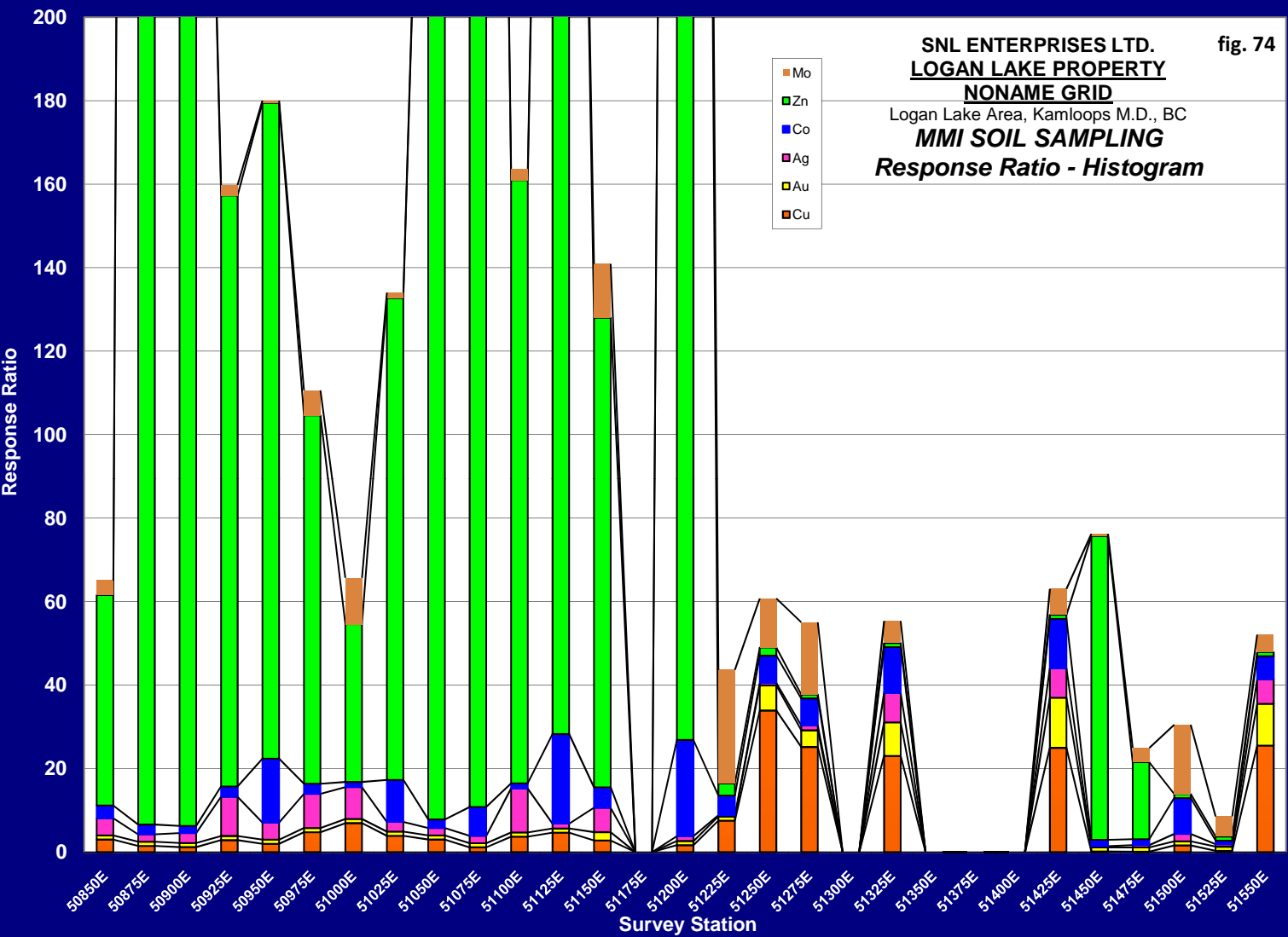


Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram

fig. 74

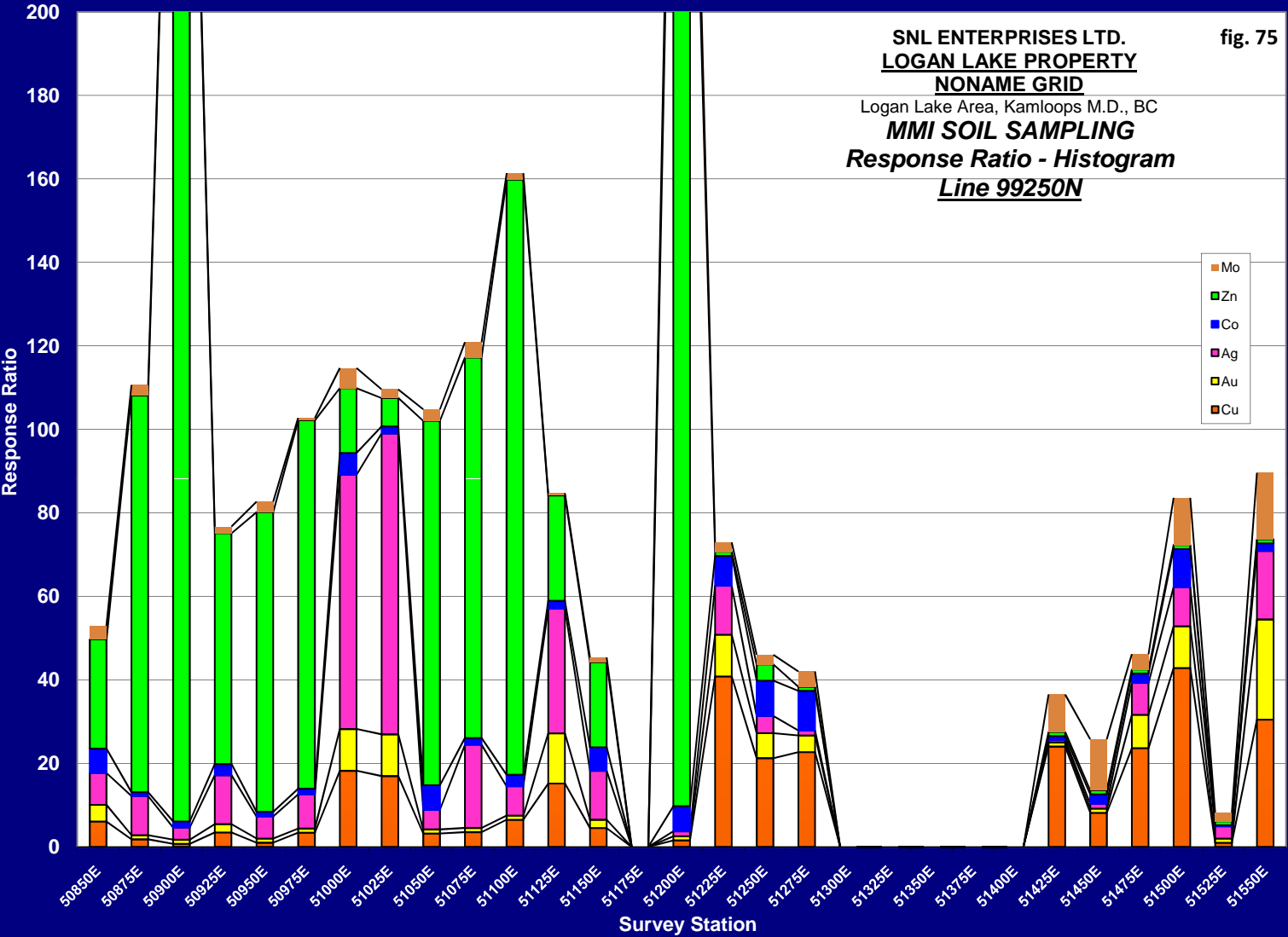
- Mo
- Zn
- Co
- Ag
- Au
- Cu



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99250N

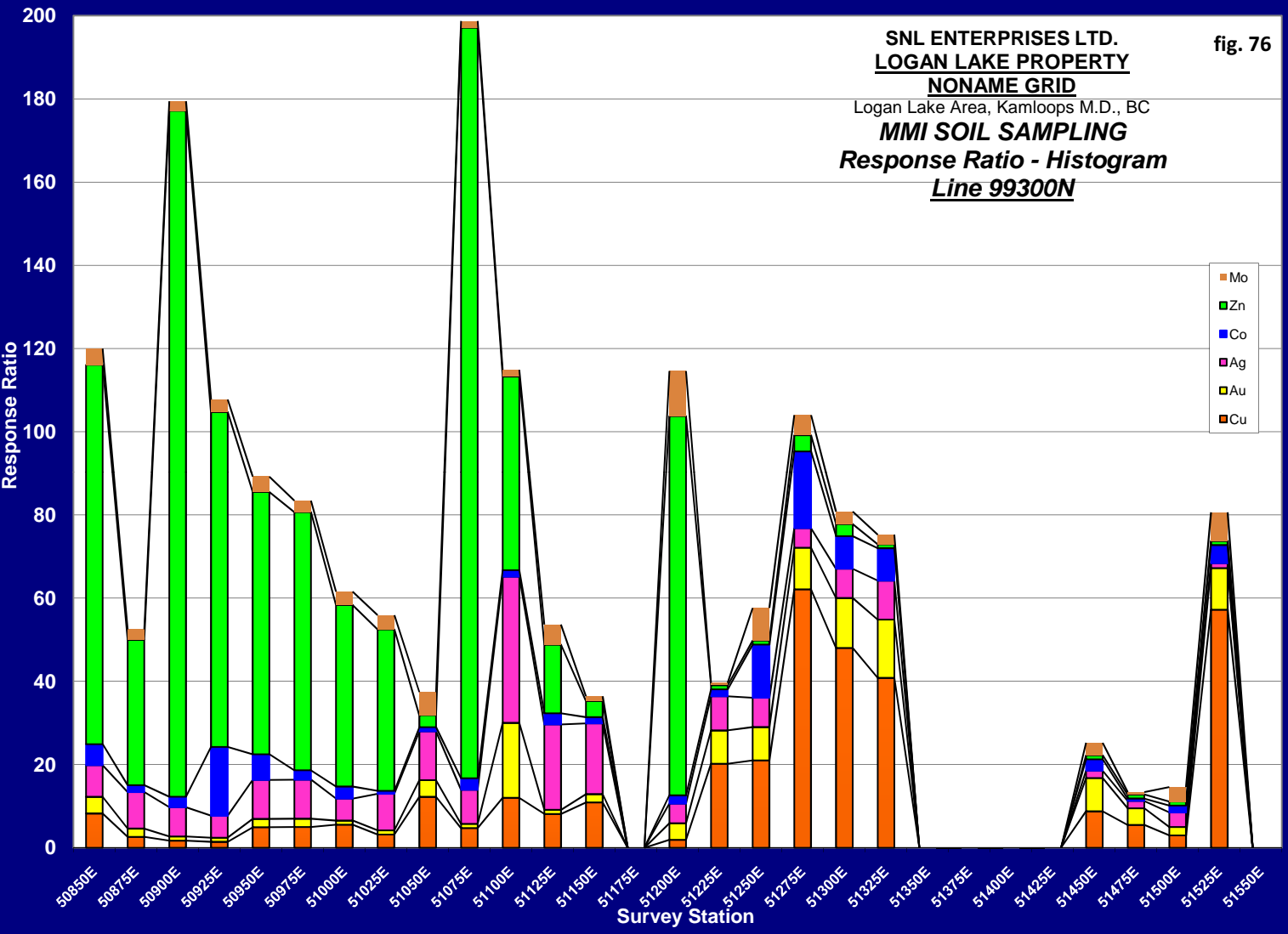
fig. 75



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
 Response Ratio - Histogram
Line 9930N

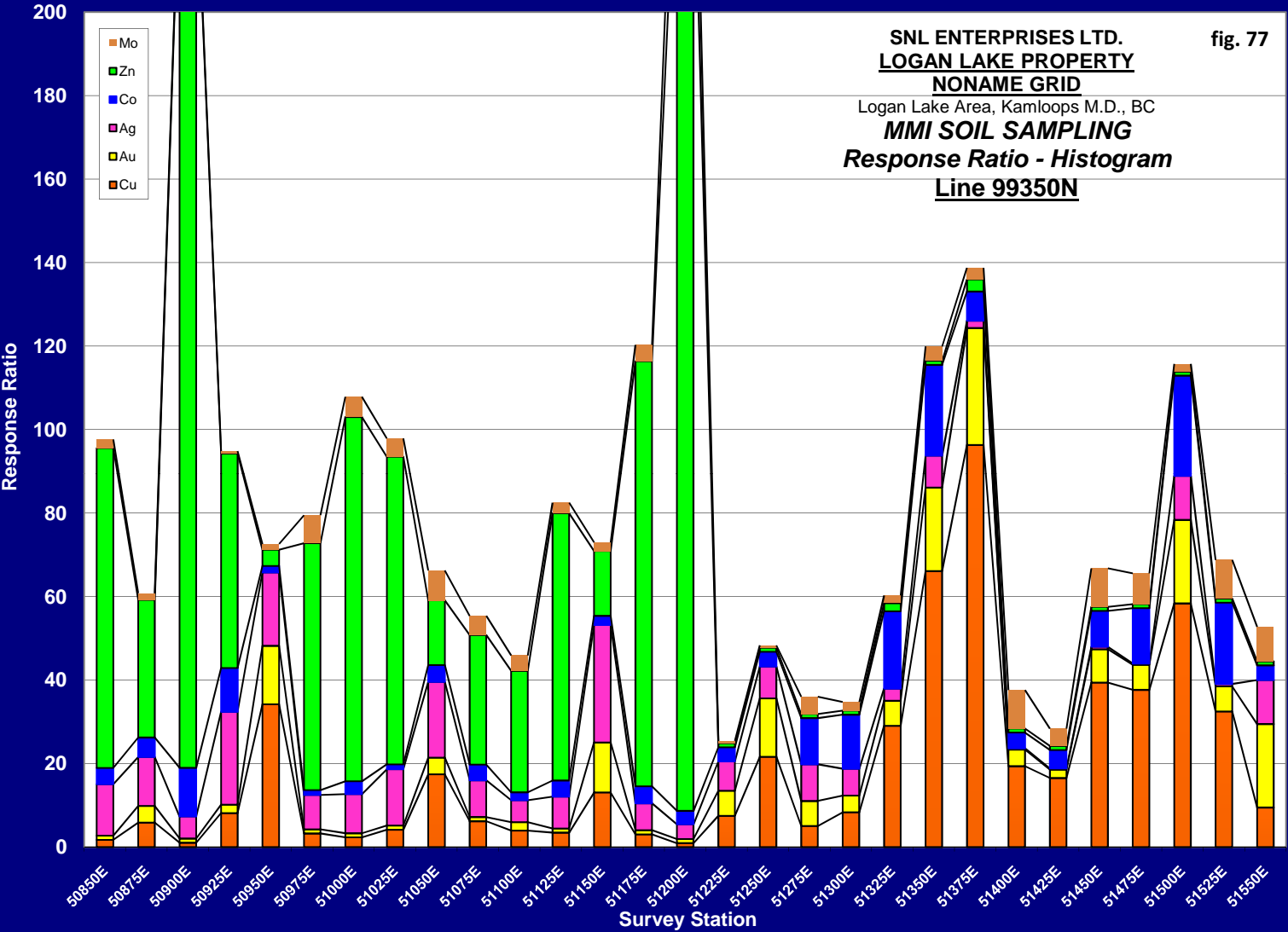
fig. 76



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 77

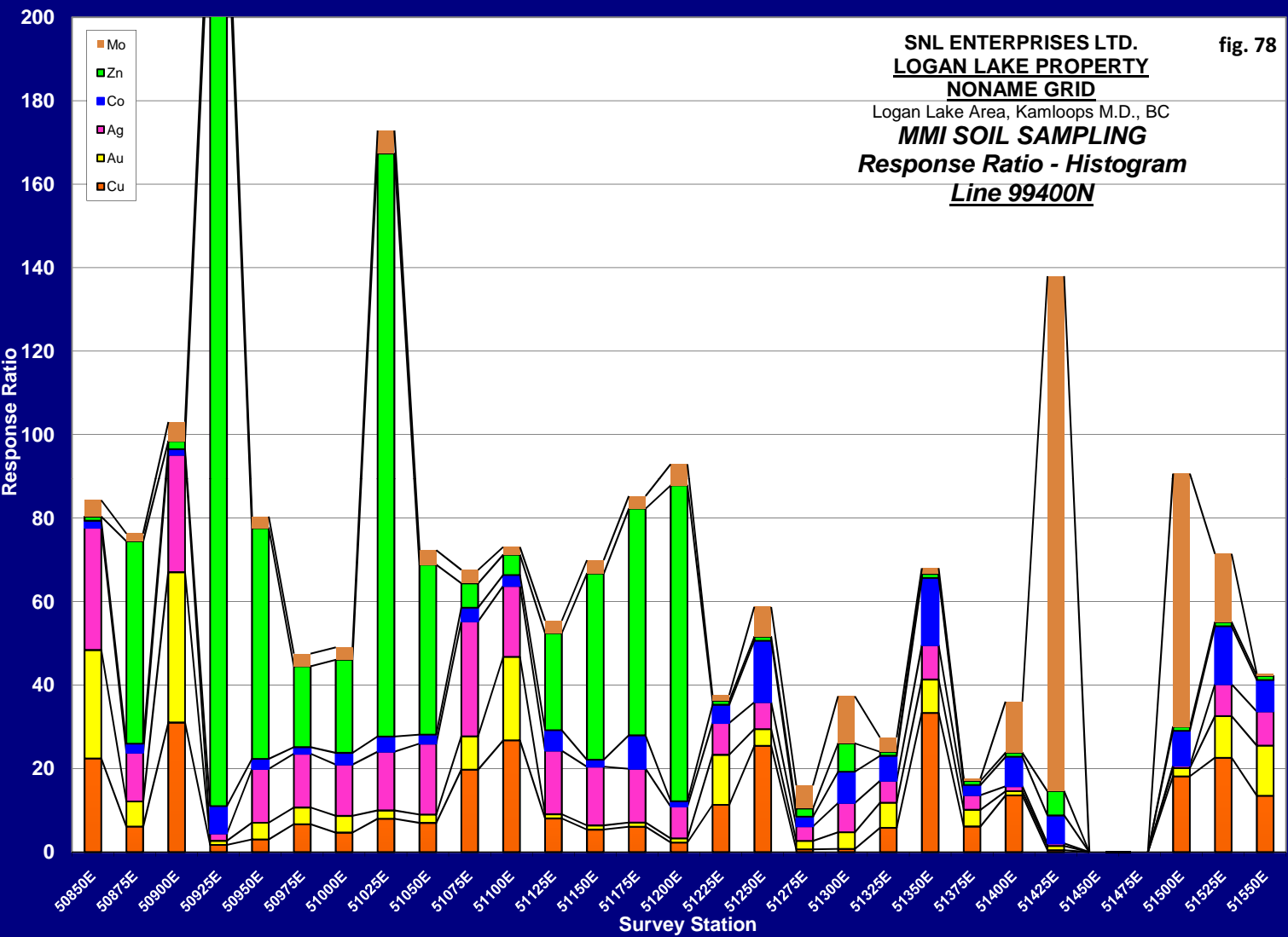
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99350N



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99400N

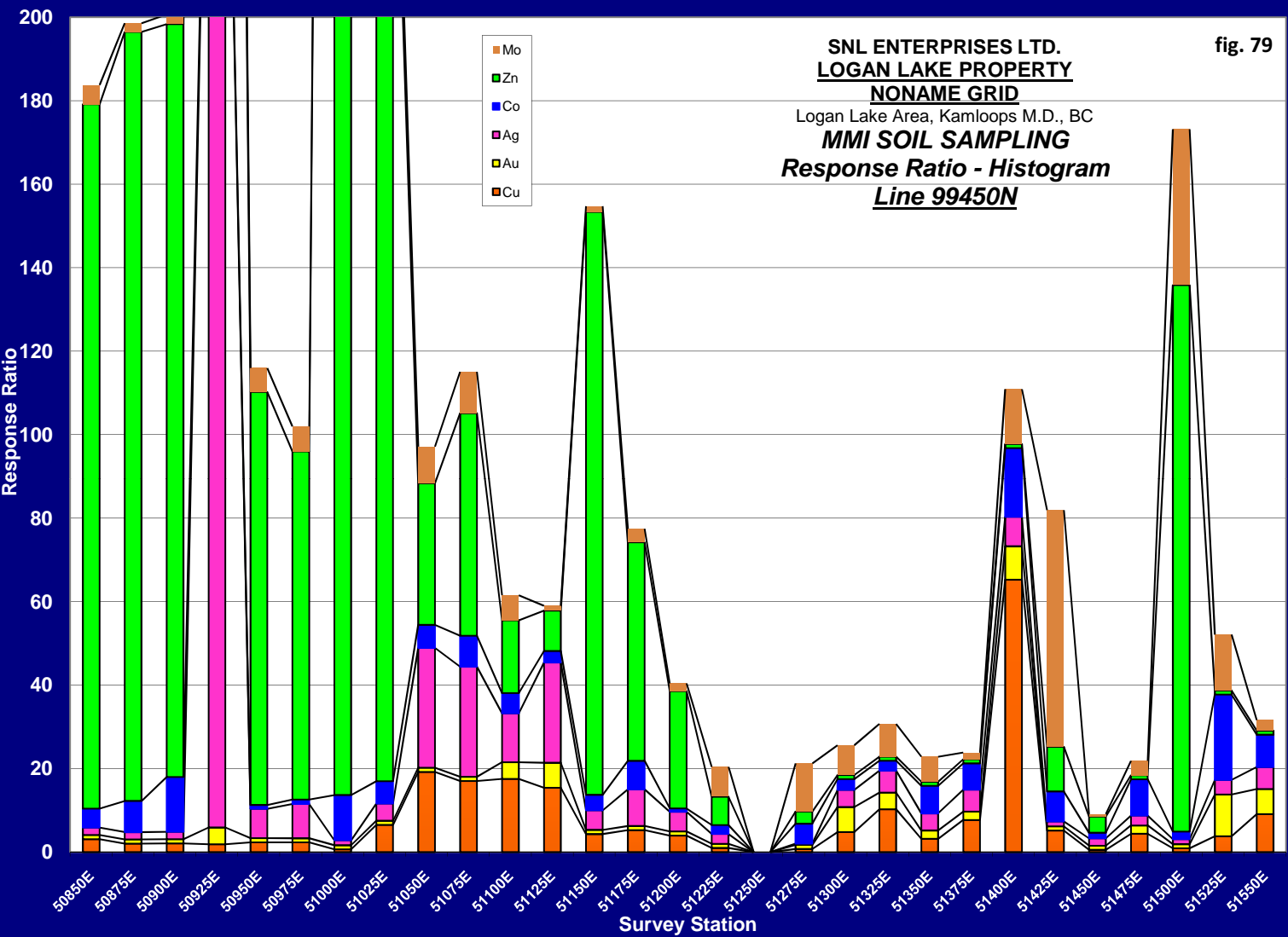
fig. 78



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 79

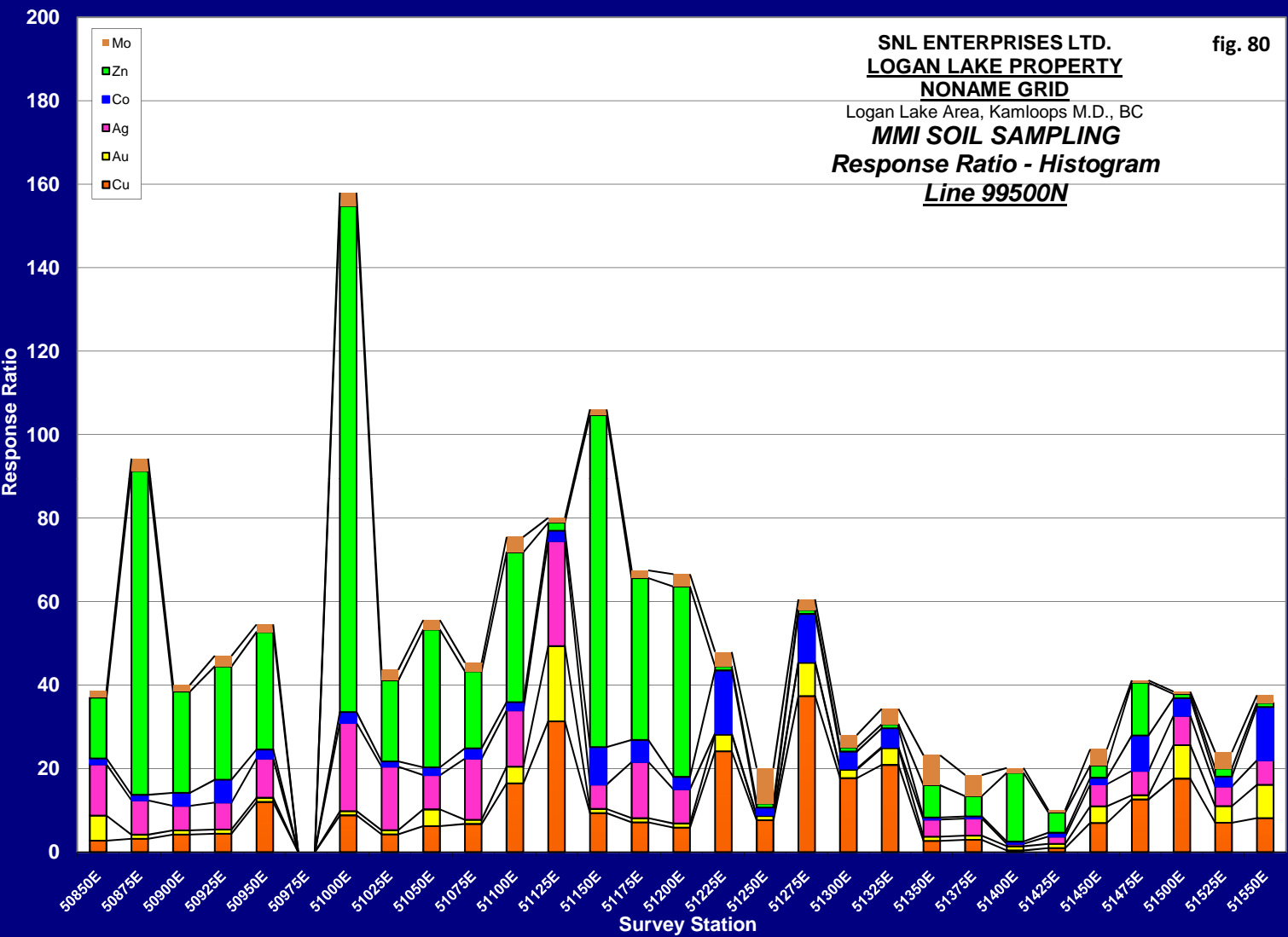
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99450N



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 80

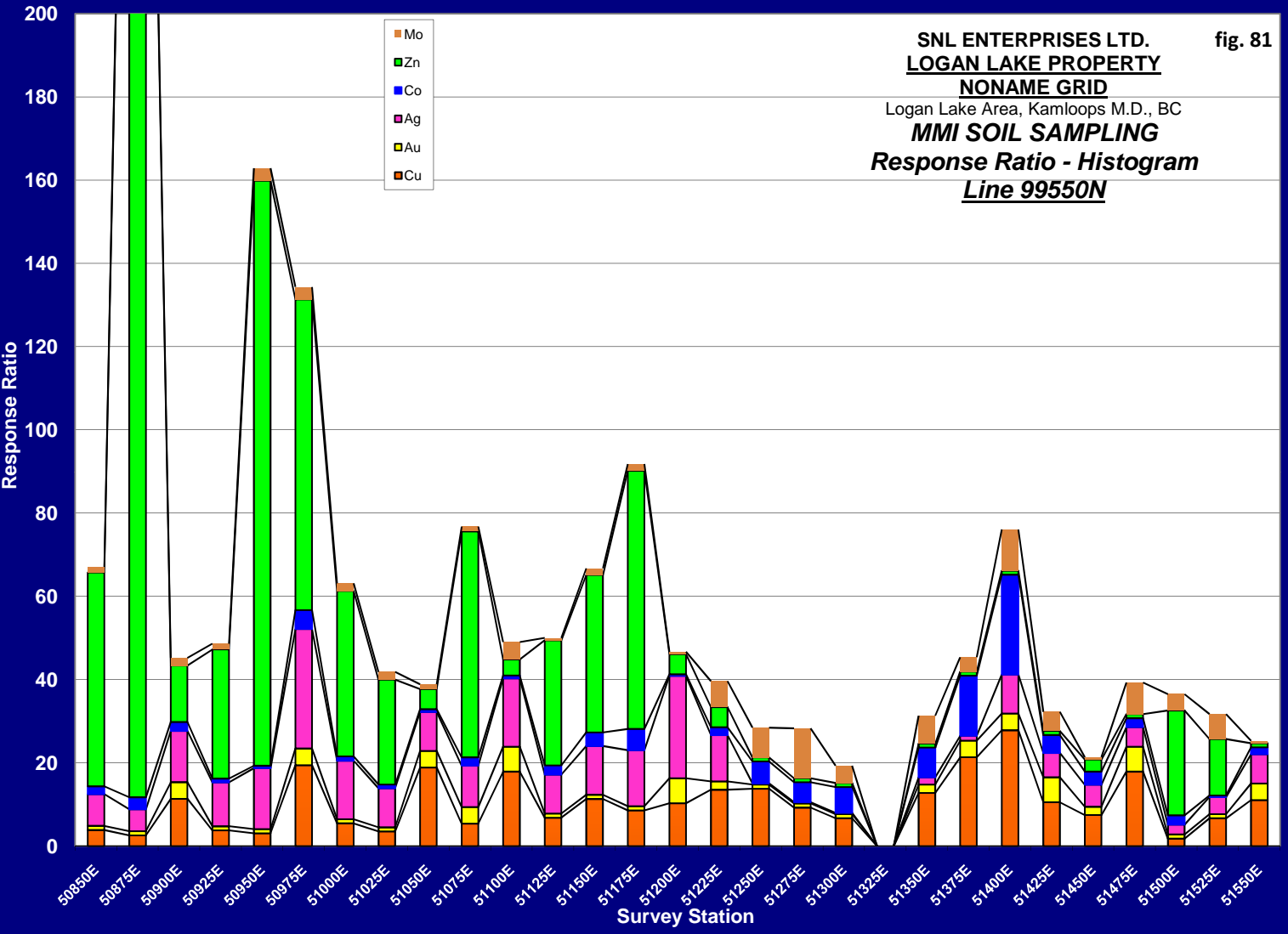
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99500N



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 9950N

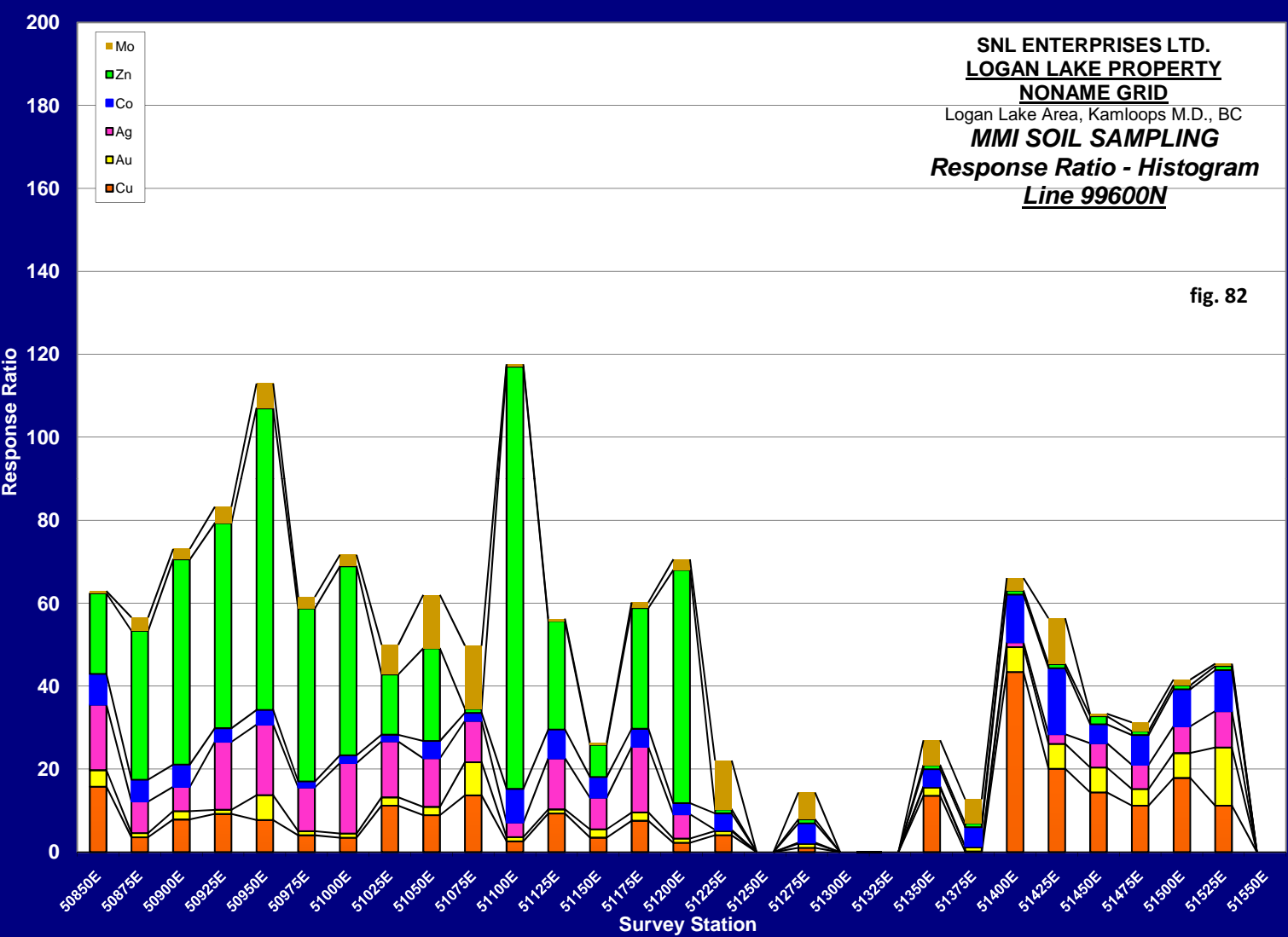
fig. 81



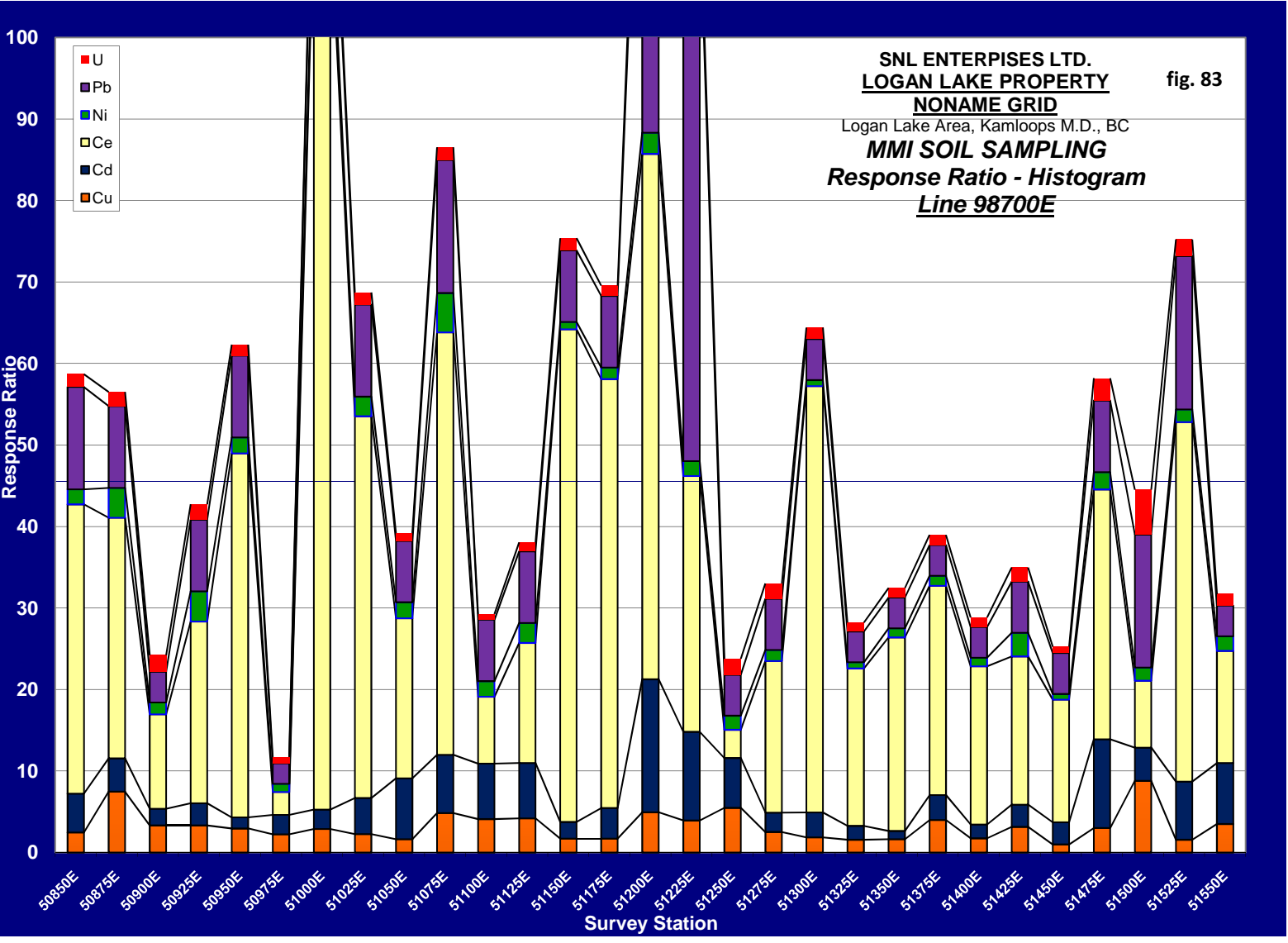
Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99600N

fig. 82

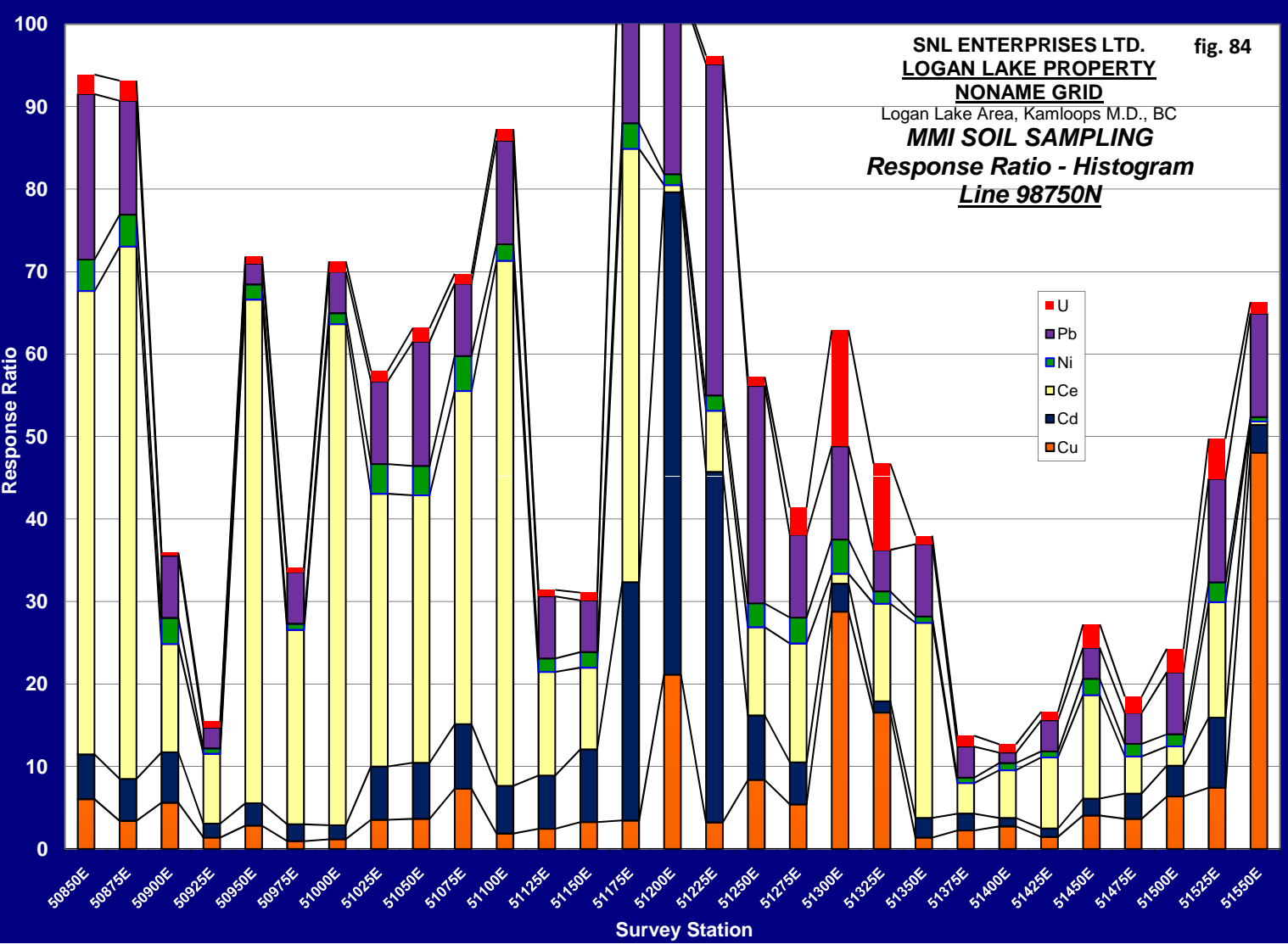


Data Reduced by: GEOTRONICS CONSULTING INC



Data Reduced by: GEOTRONICS CONSULTING INC

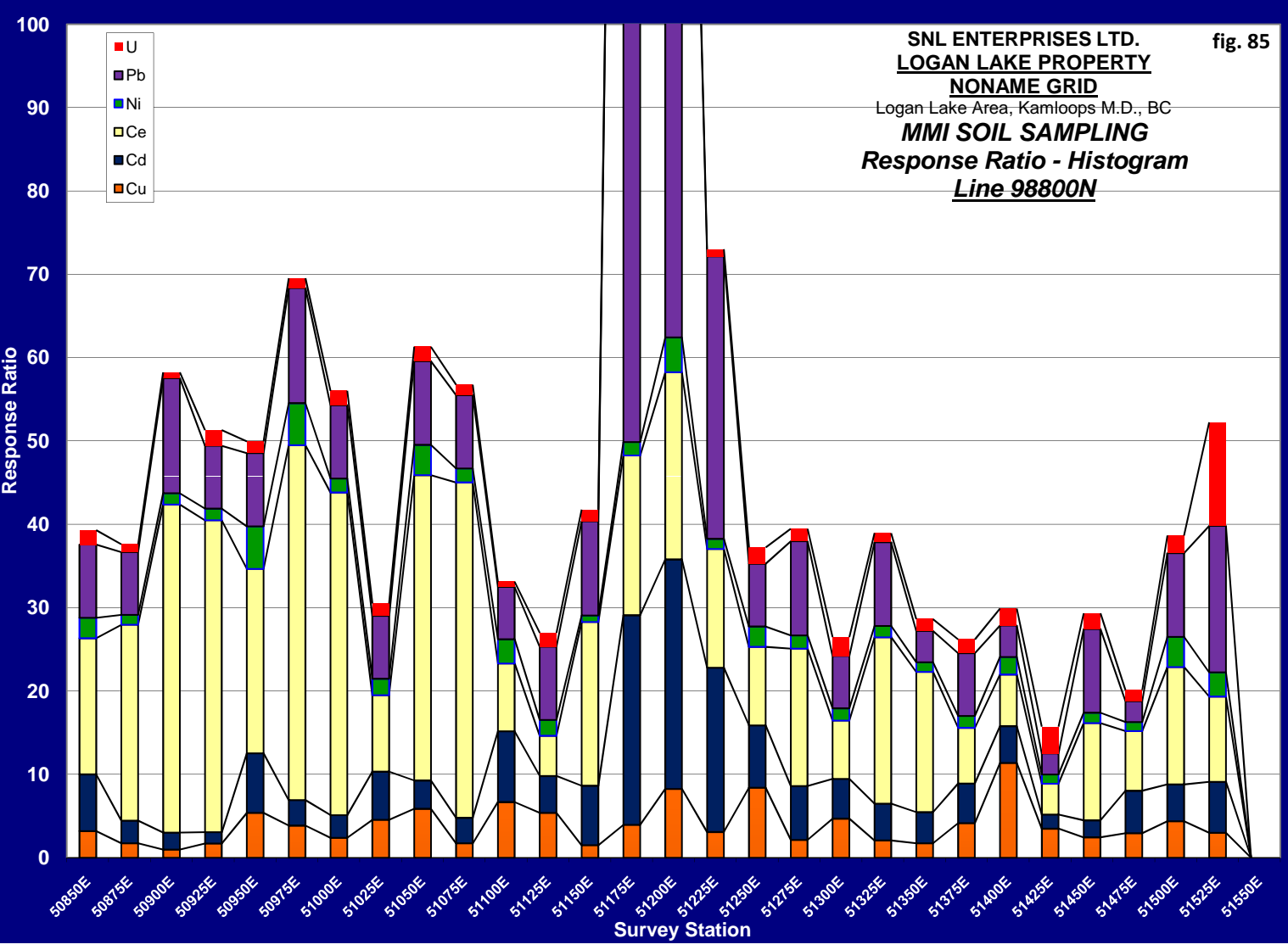
SNL ENTERPRISES LTD. fig. 84
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 98750N



Data Reduced by: GEOTRONICS CONSULTING INC

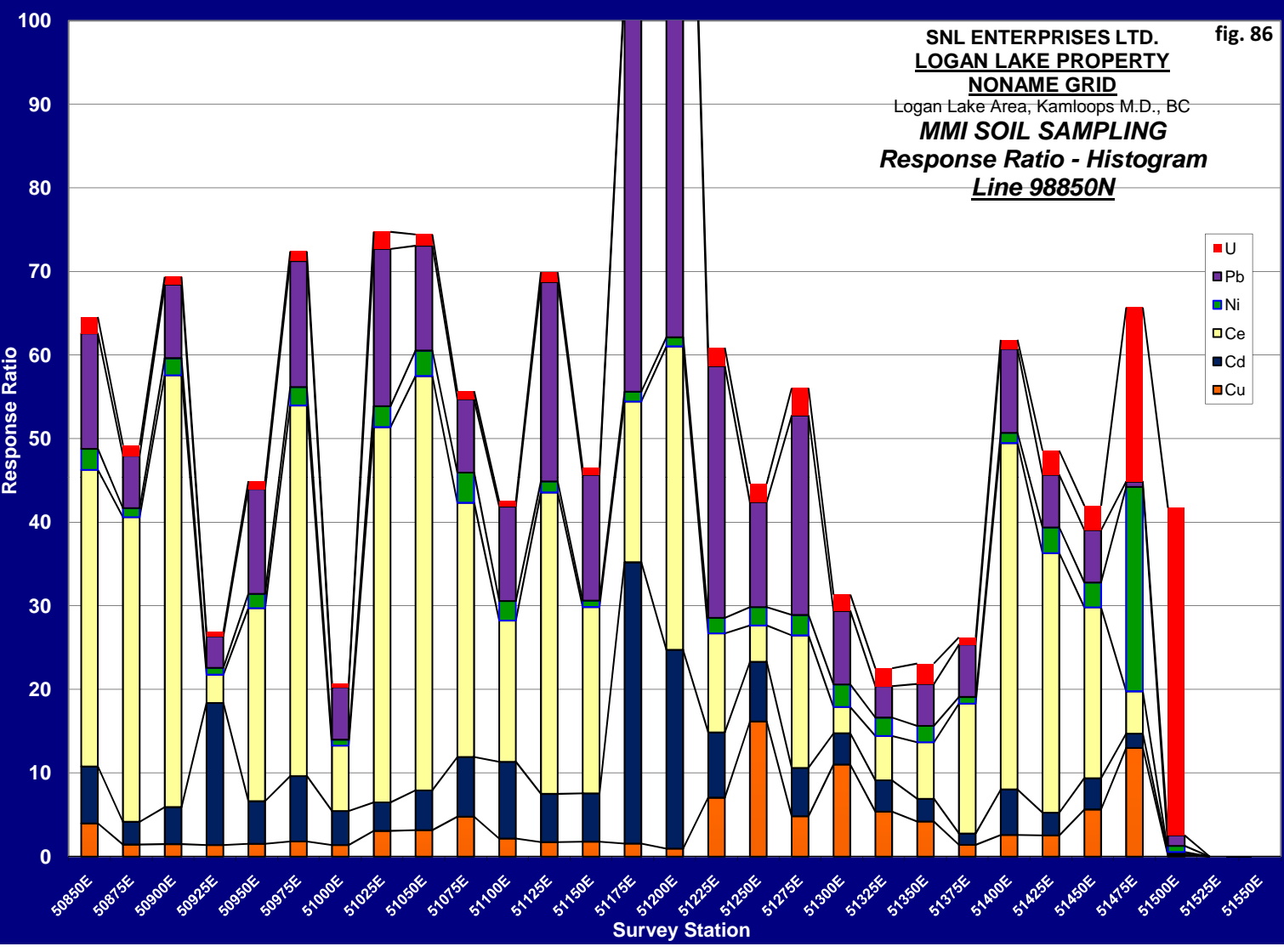
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 98800N

fig. 85



Data Reduced by: GEOTRONICS CONSULTING INC

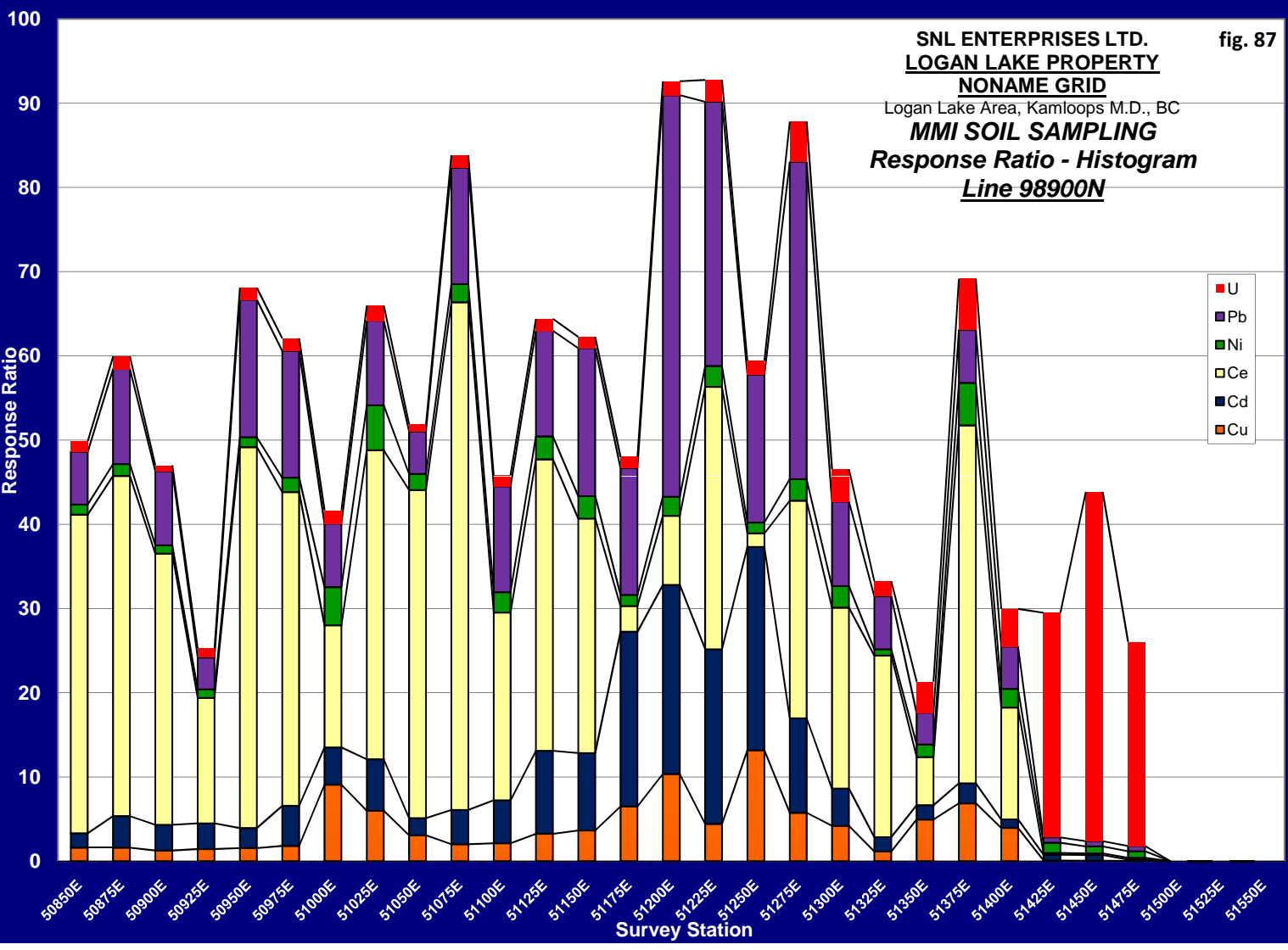
SNL ENTERPRISES LTD. fig. 86
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 98850N



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 98900N

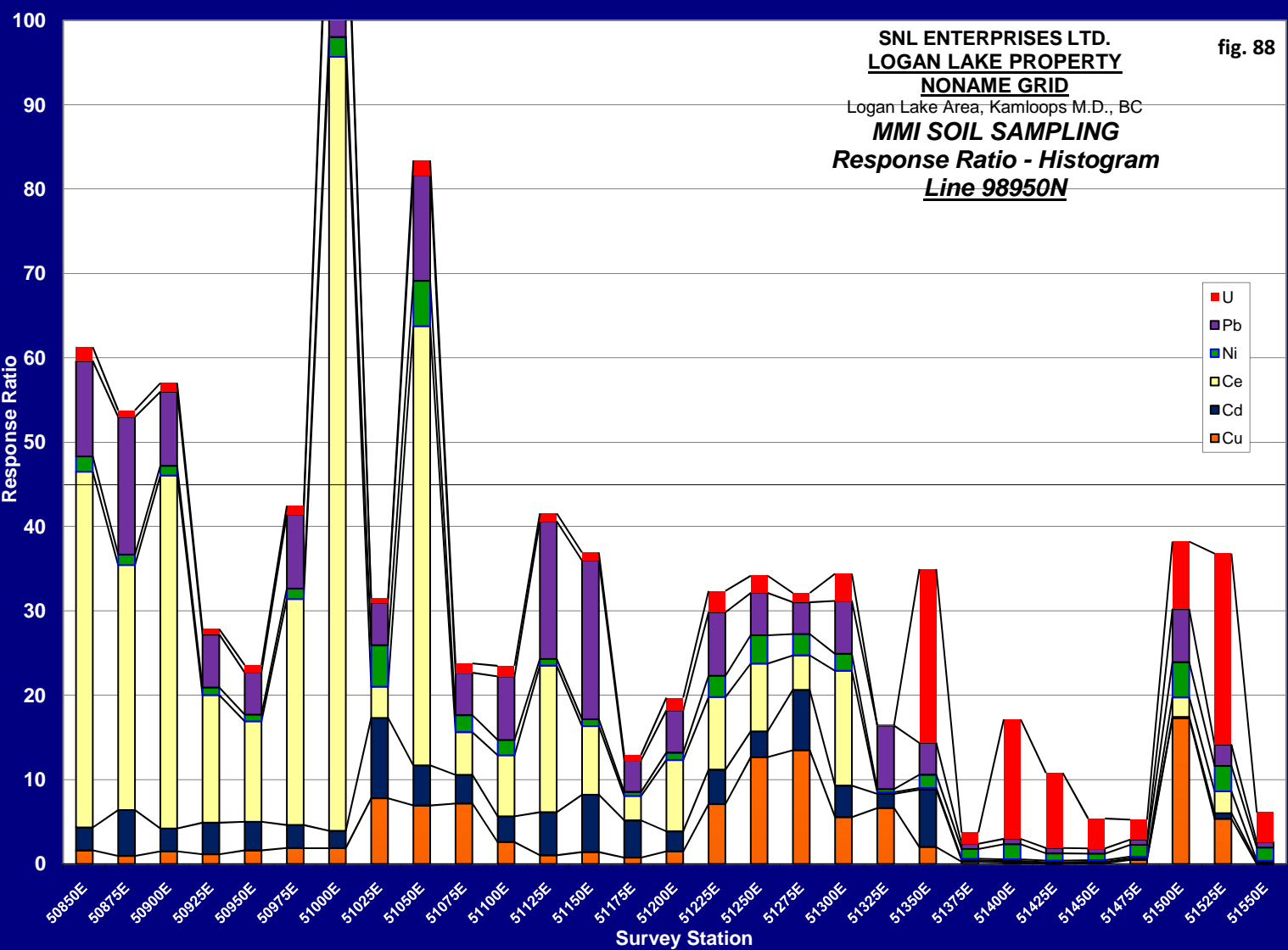
fig. 87



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 98950N

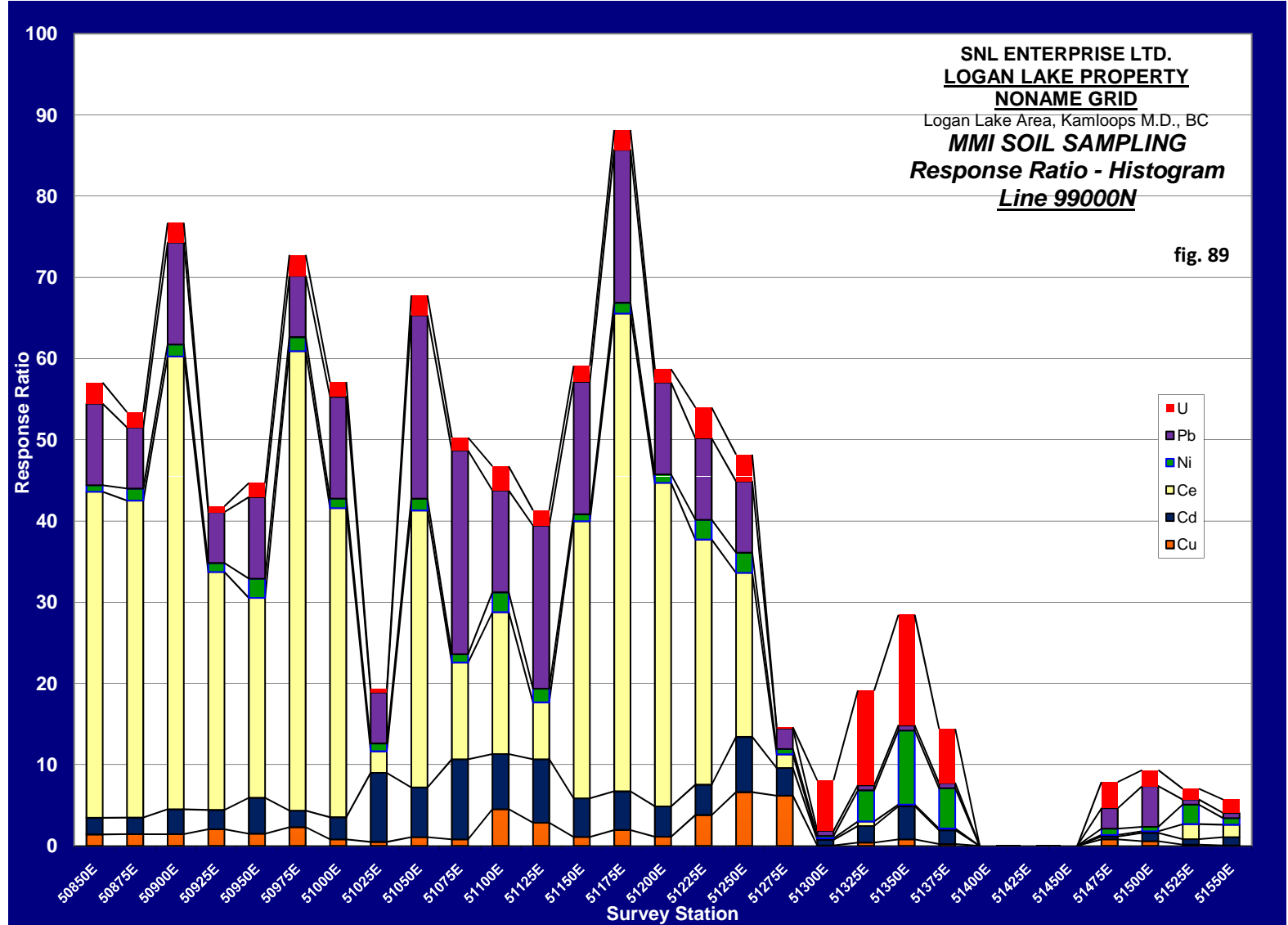
fig. 88



Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISE LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99000N

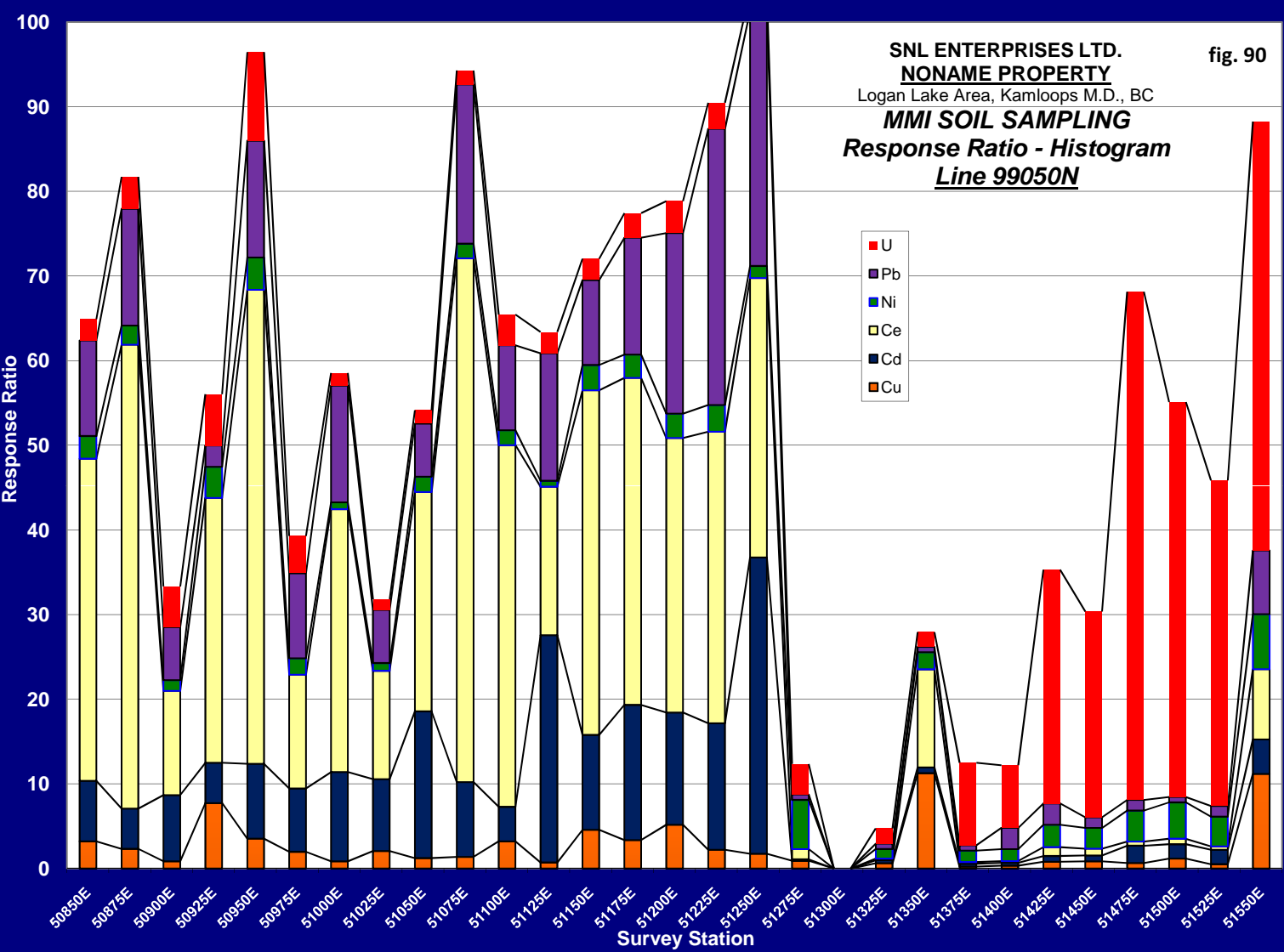
fig. 89



Data Reduced by: GEOTRONICS CONSULTING INC

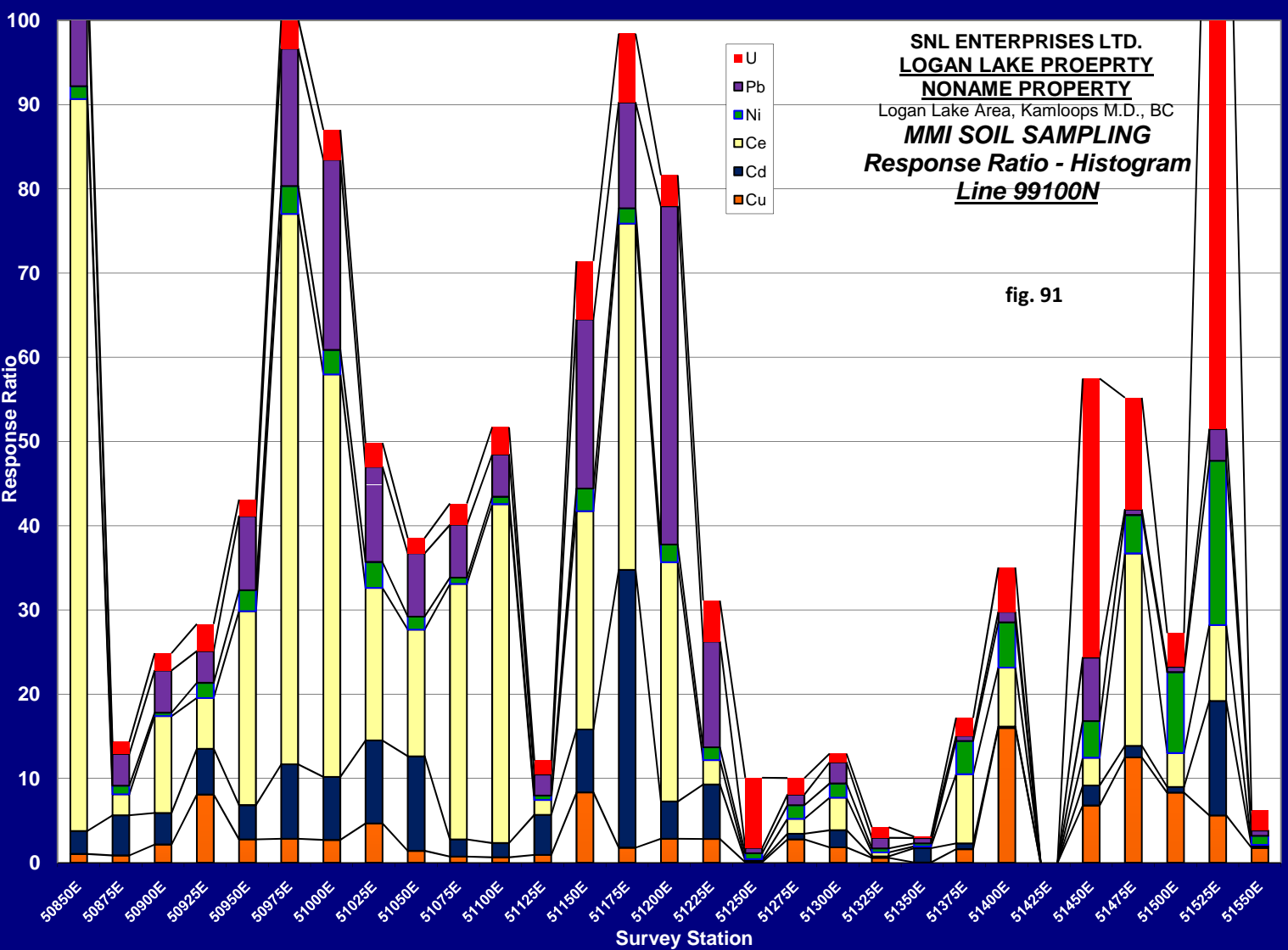
SNL ENTERPRISES LTD.
NONAME PROPERTY
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99050N

fig. 90



Data Reduced by: GEOTRONICS CONSULTING INC

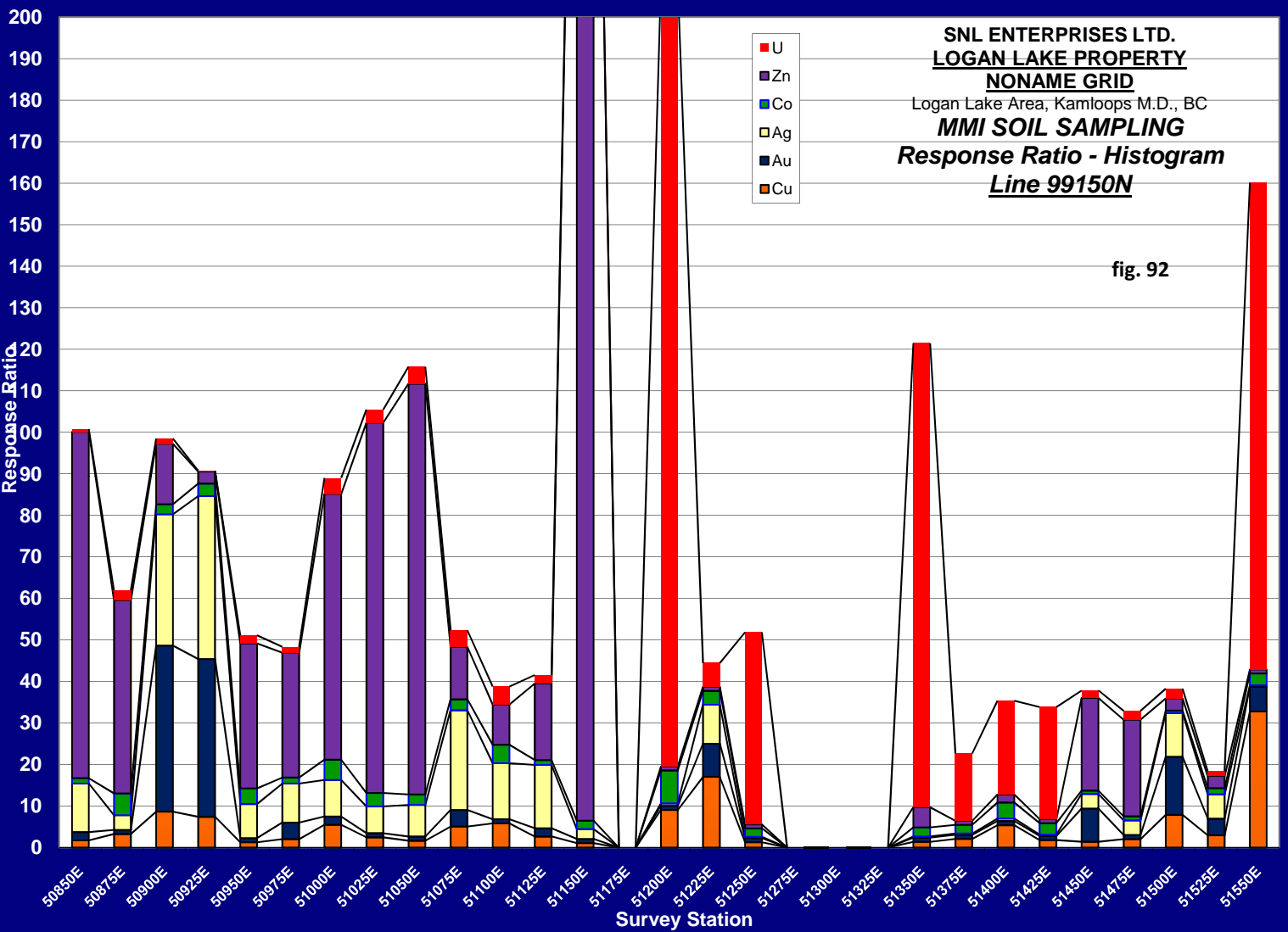
SNL ENTERPRISES LTD.
LOGAN LAKE PROEPRTY
NONAME PROPERTY
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99100N

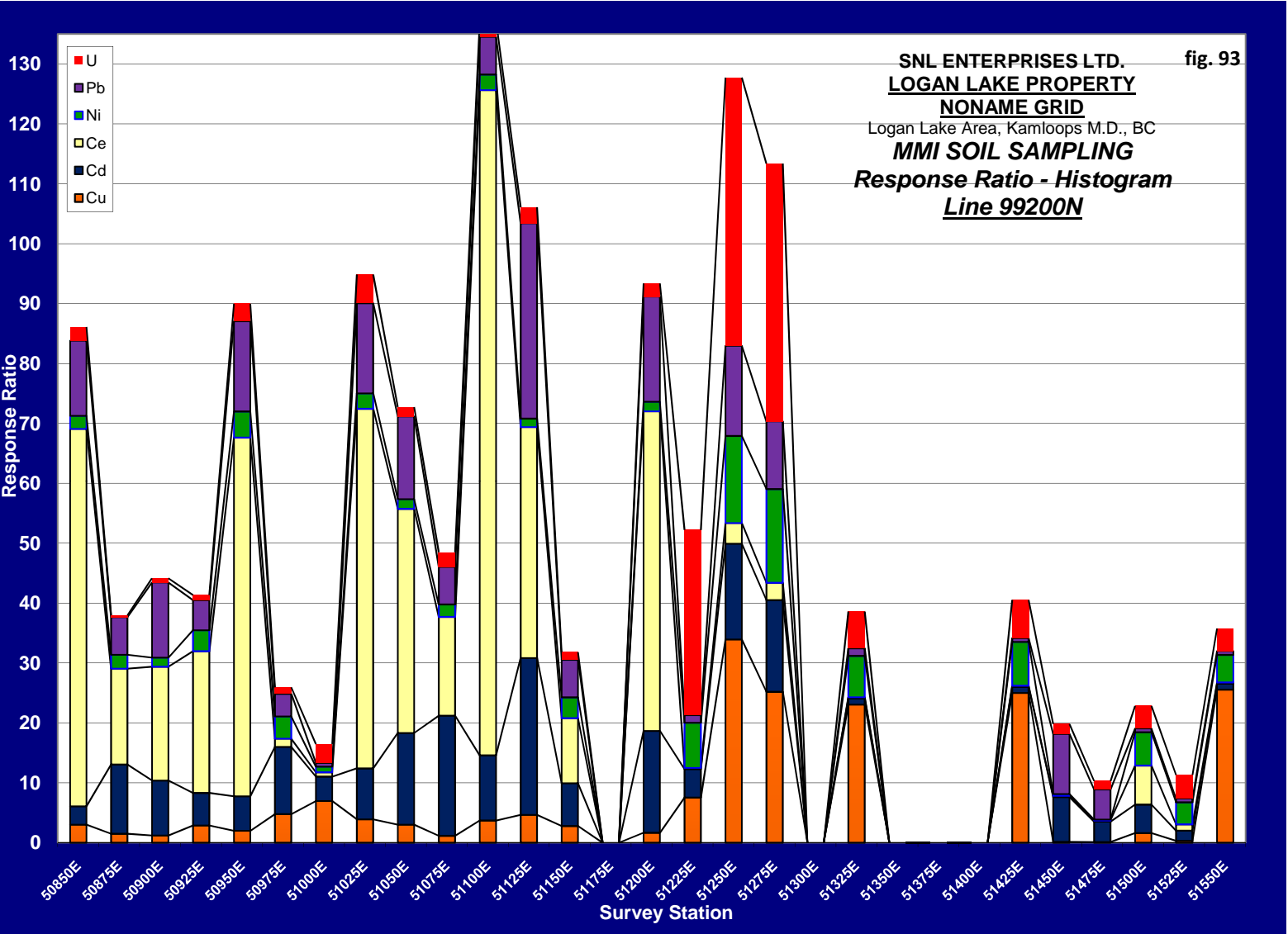


Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99150N

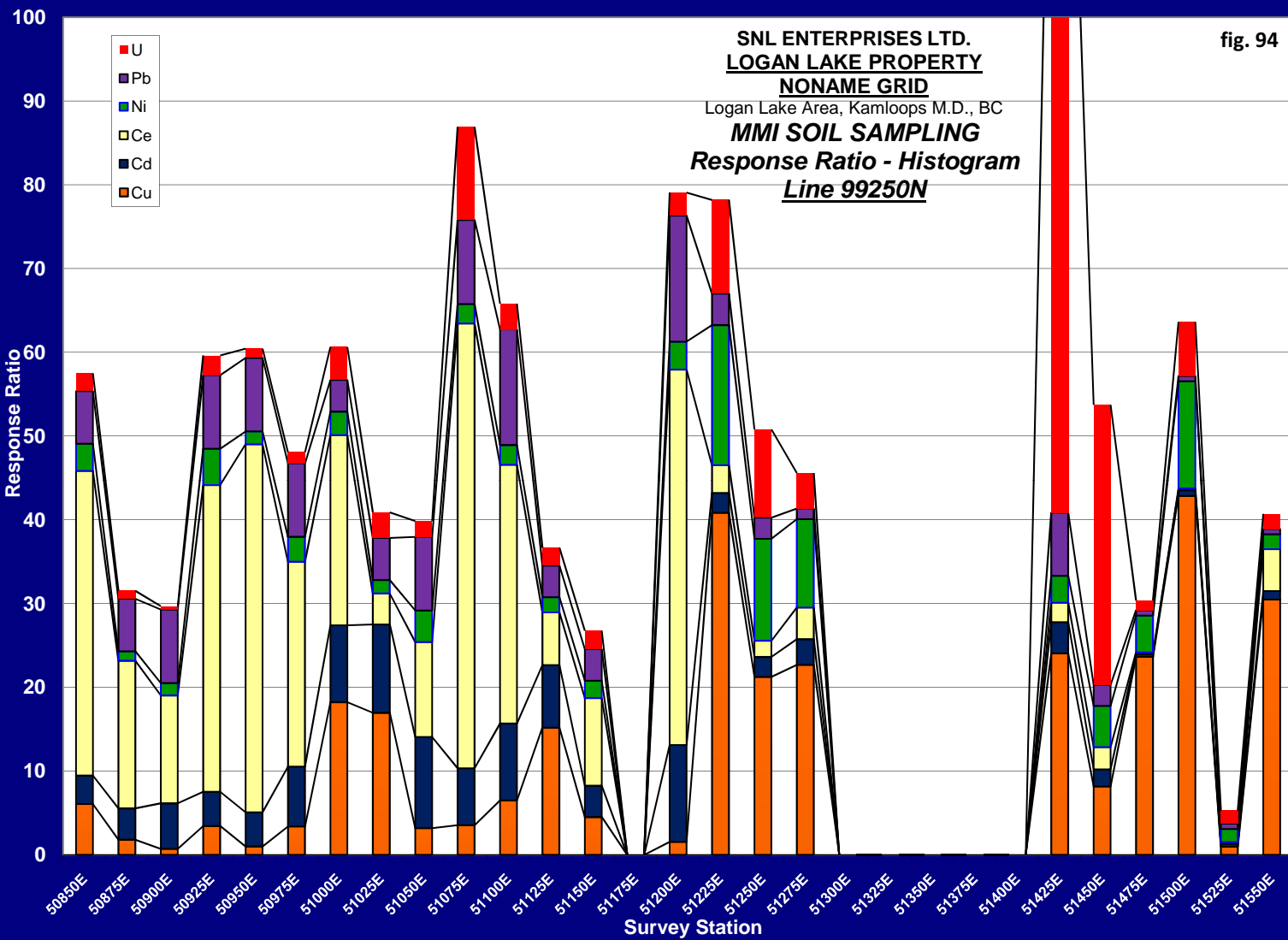
fig. 92



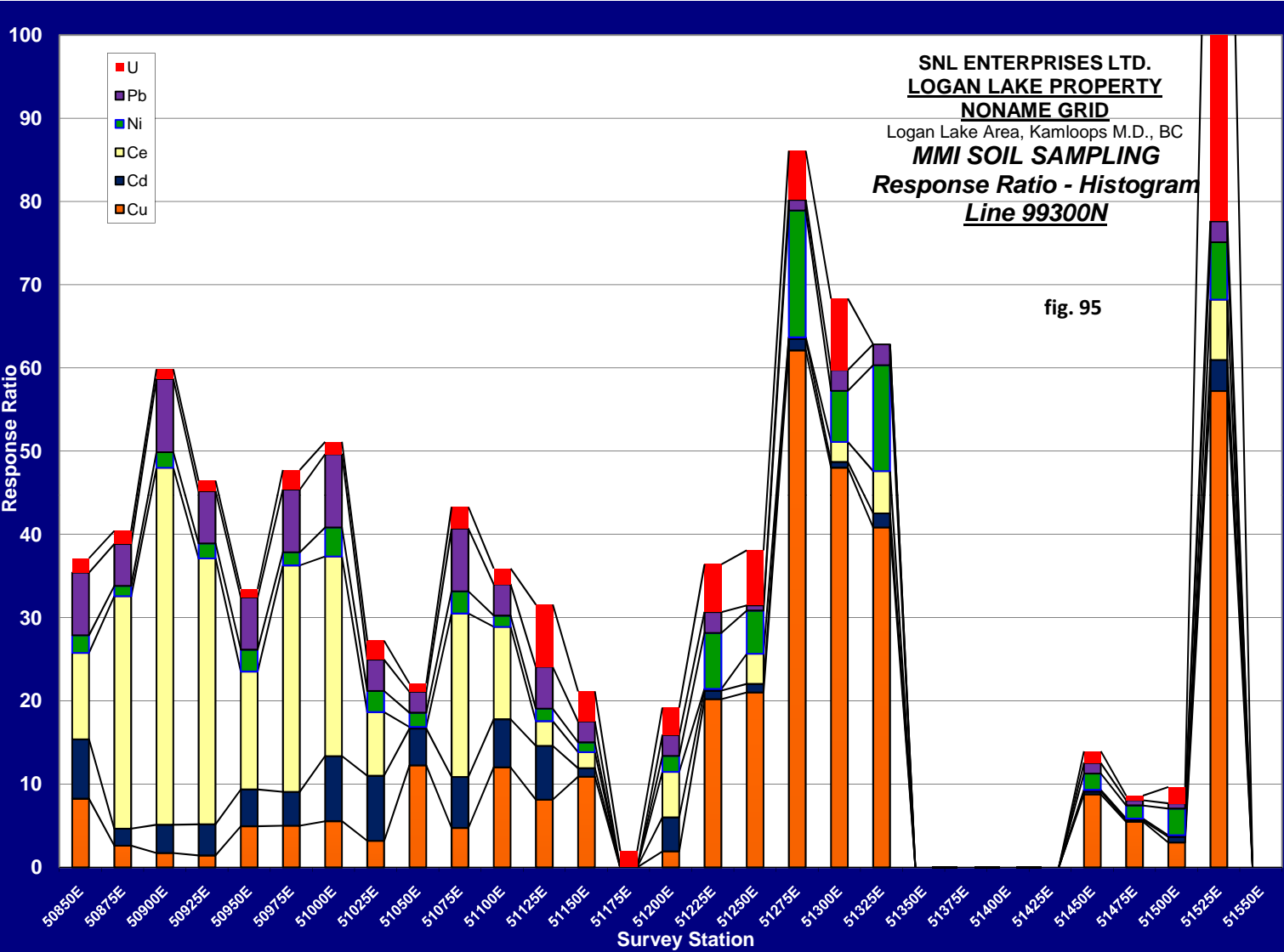


Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99250N



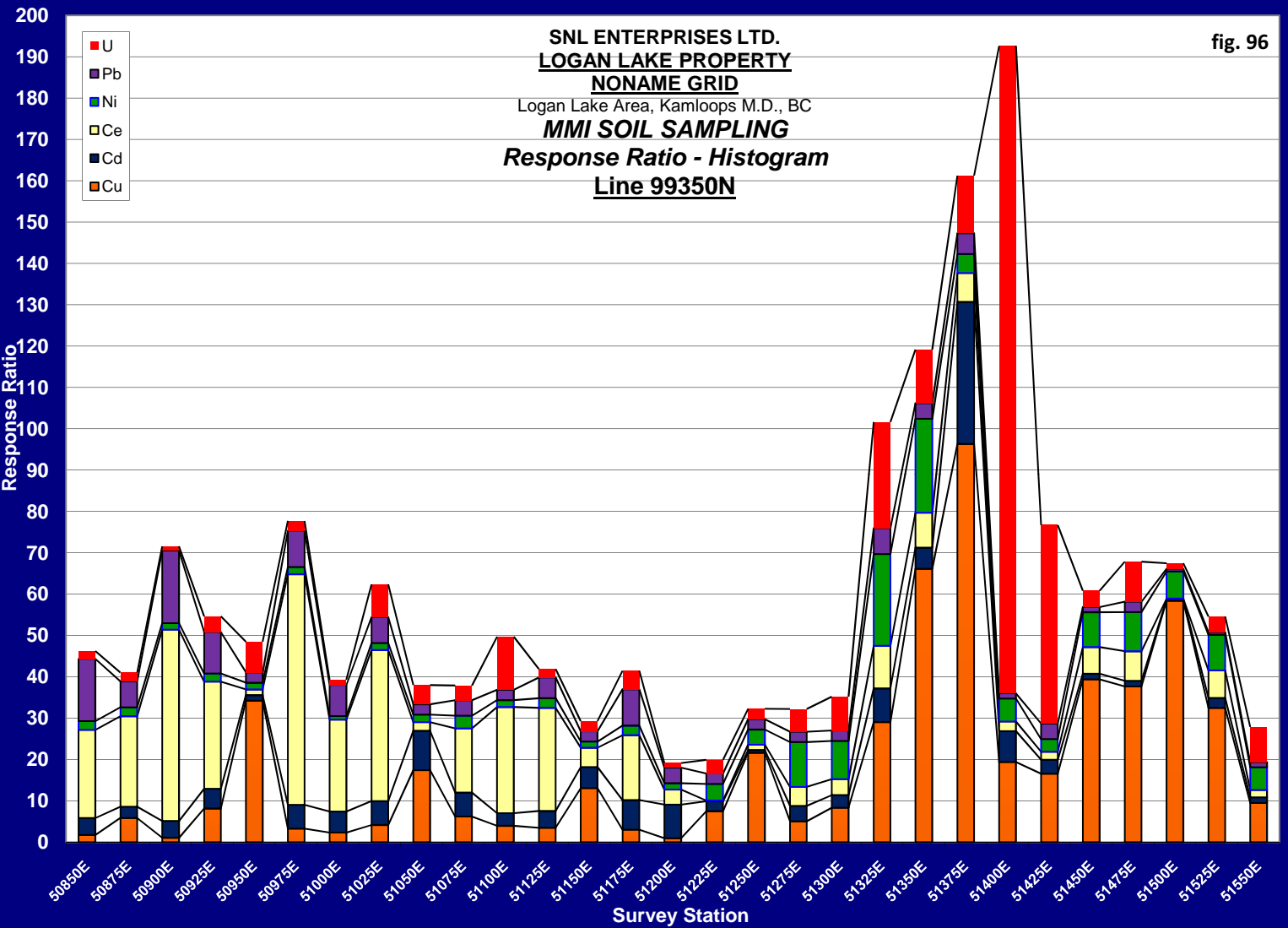
Data Reduced by: GEOTRONICS CONSULTING INC



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 96

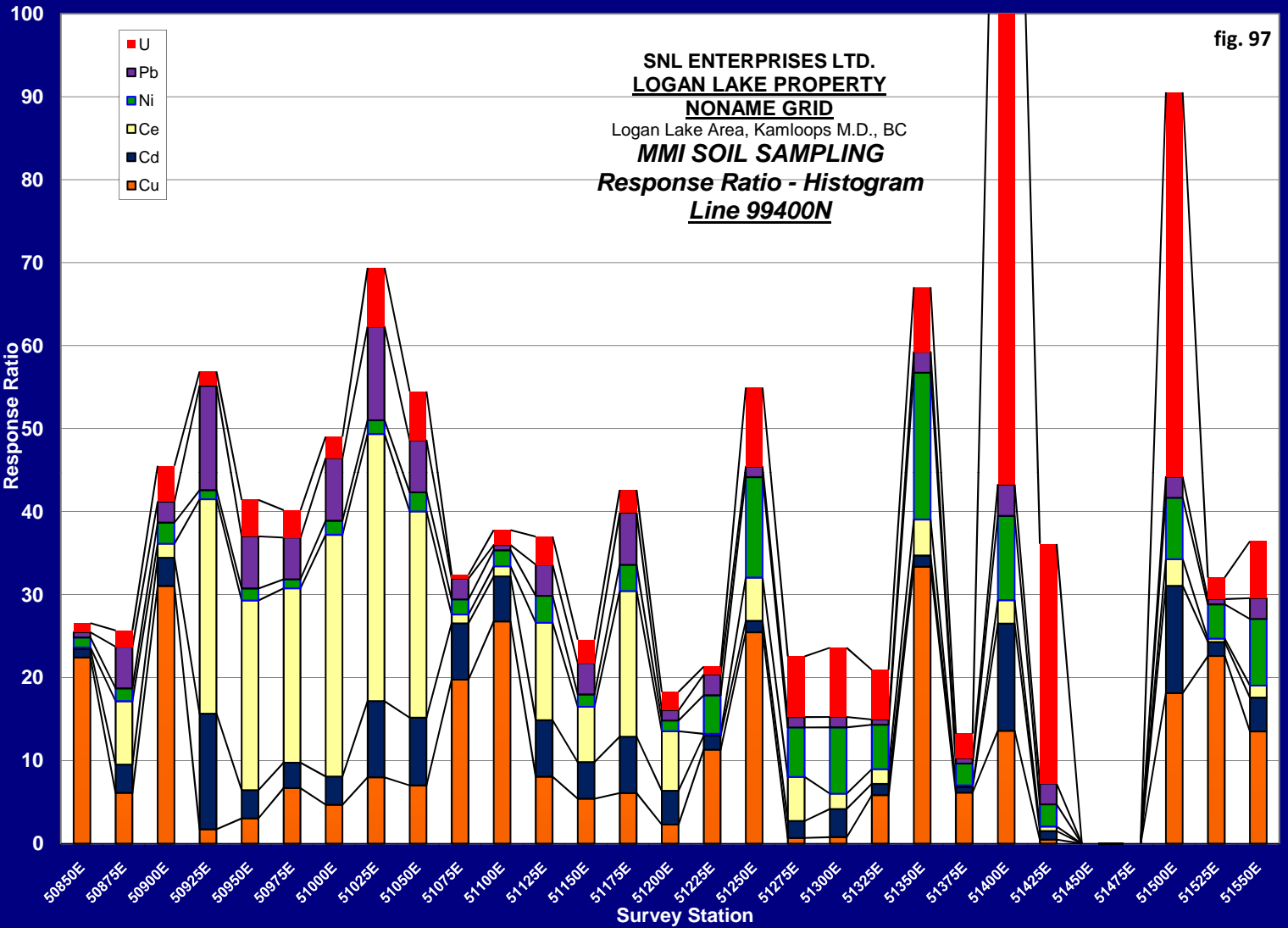
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99350N



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 97

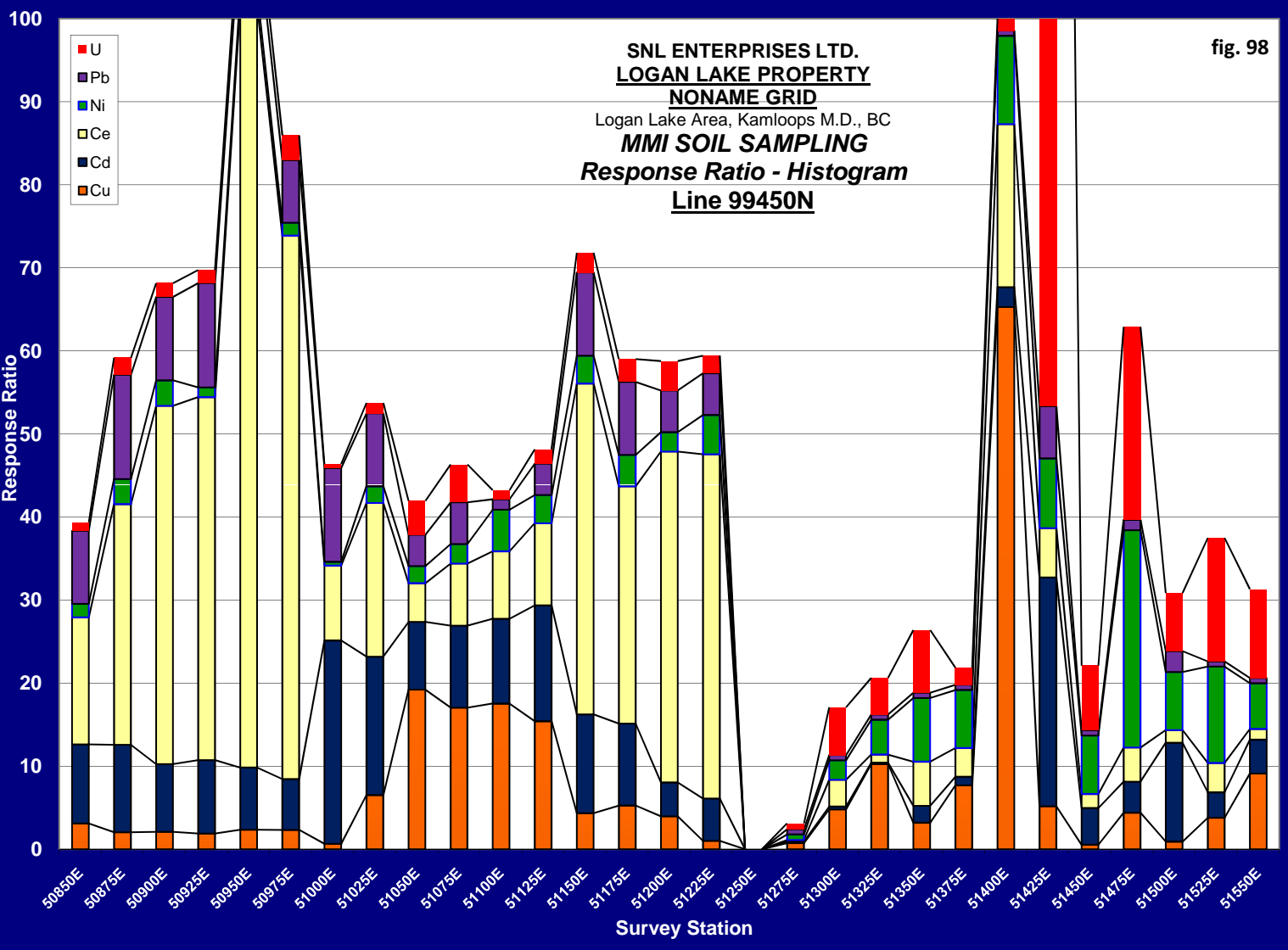
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99400N



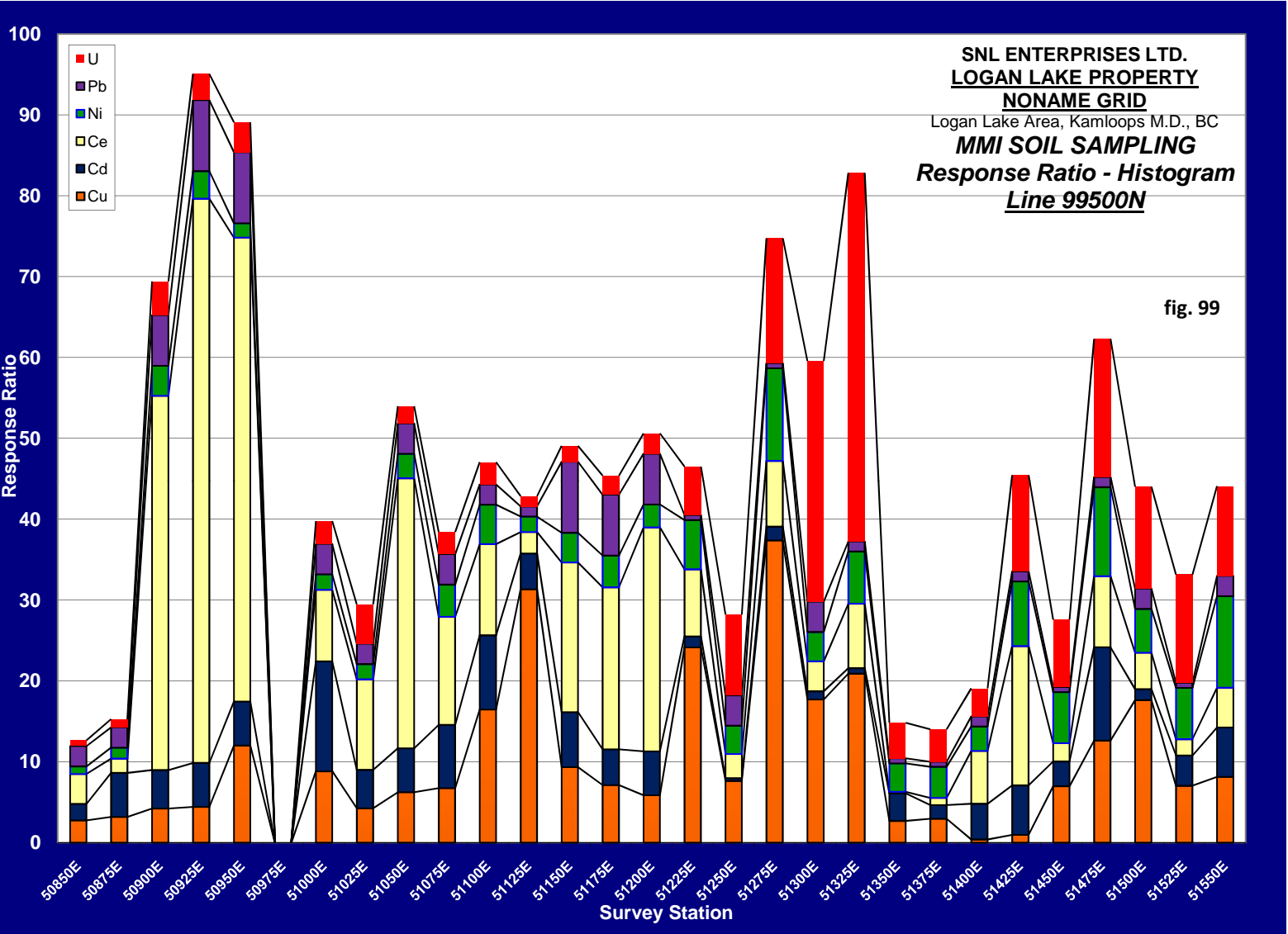
Data Reduced by: GEOTRONICS CONSULTING INC

fig. 98

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99450N



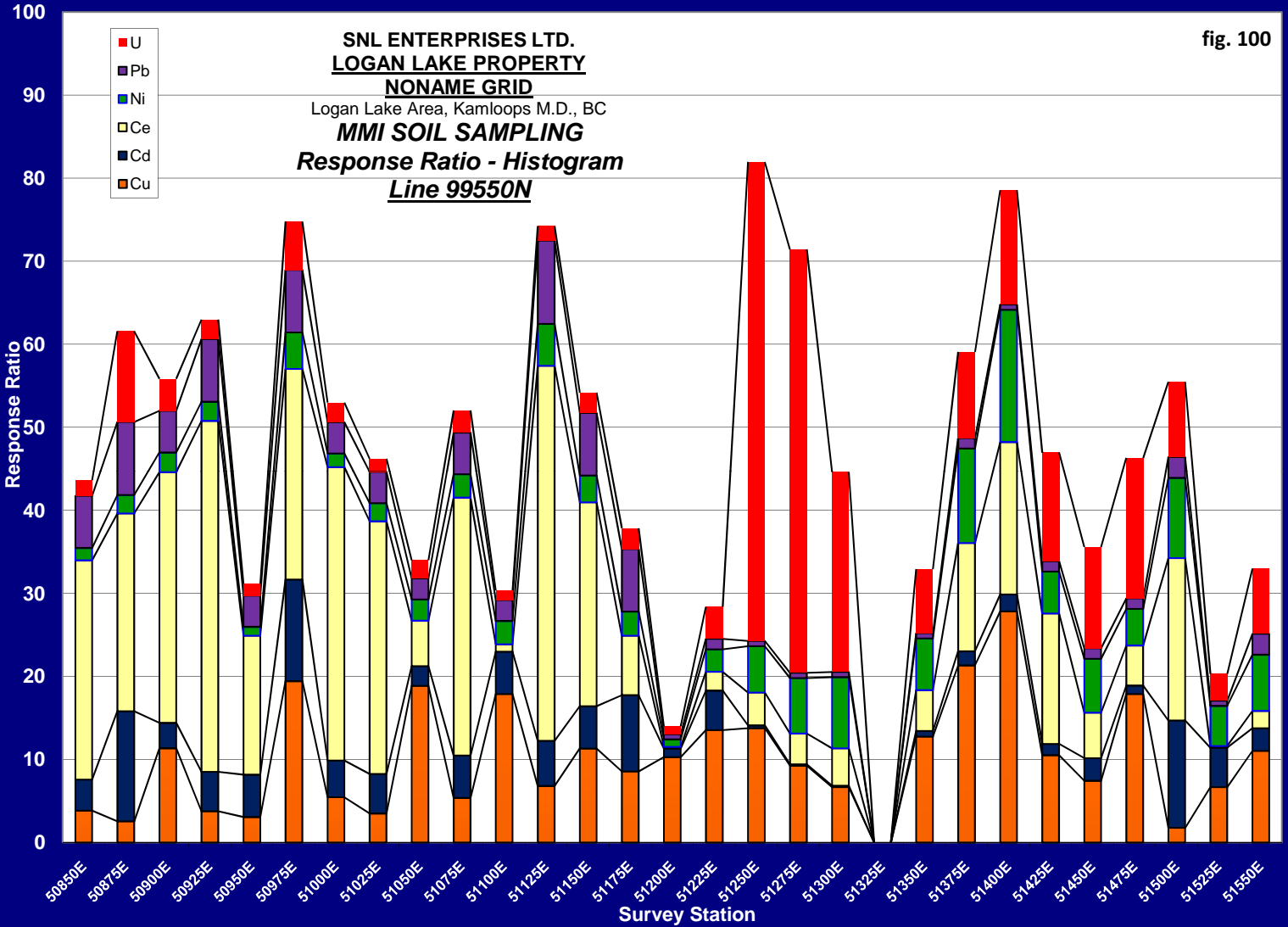
Data Reduced by: GEOTRONICS CONSULTING INC



Data Reduced by: GEOTRONICS CONSULTING INC

fig. 100

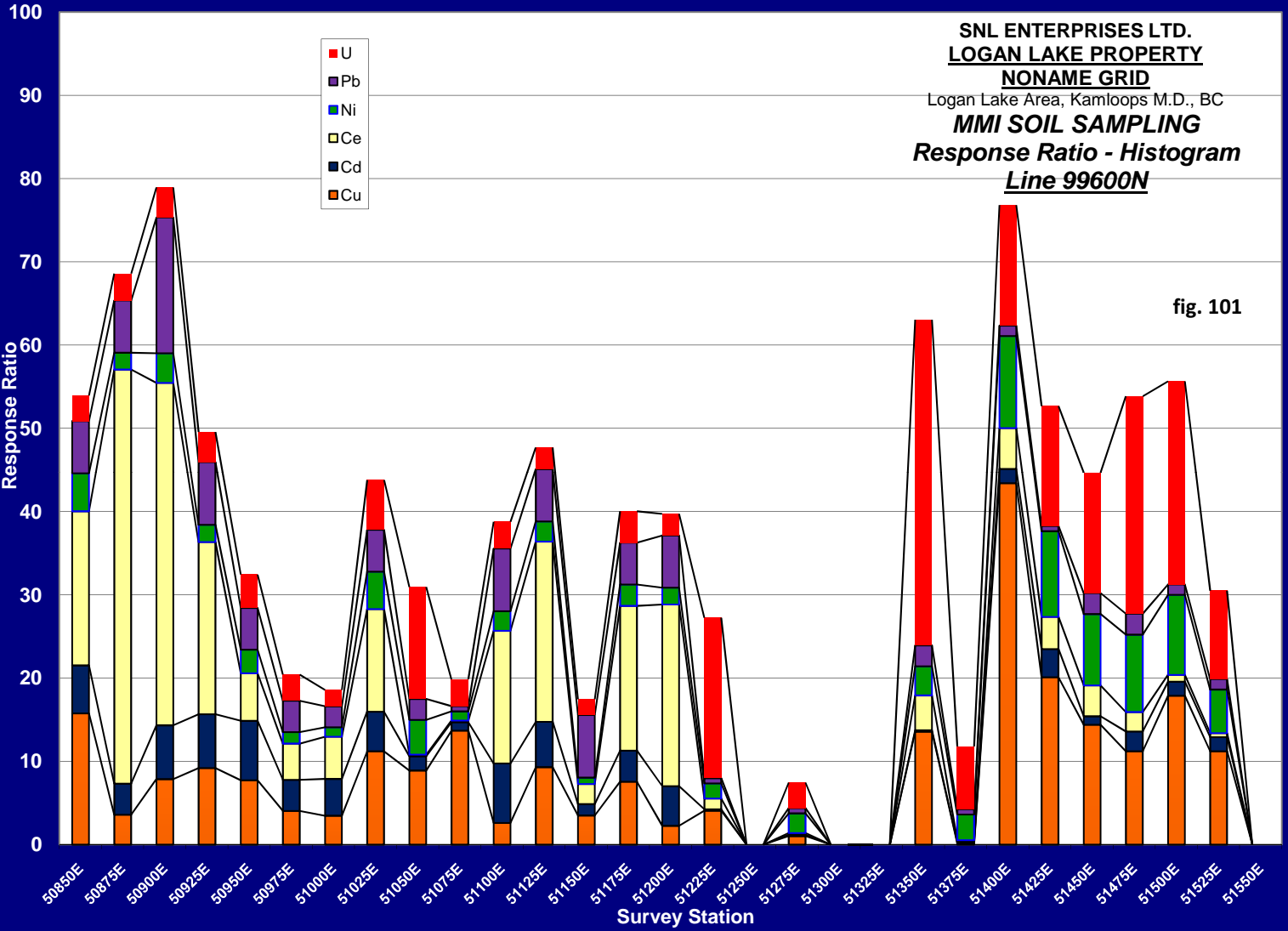
SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 99550N



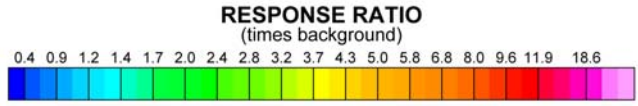
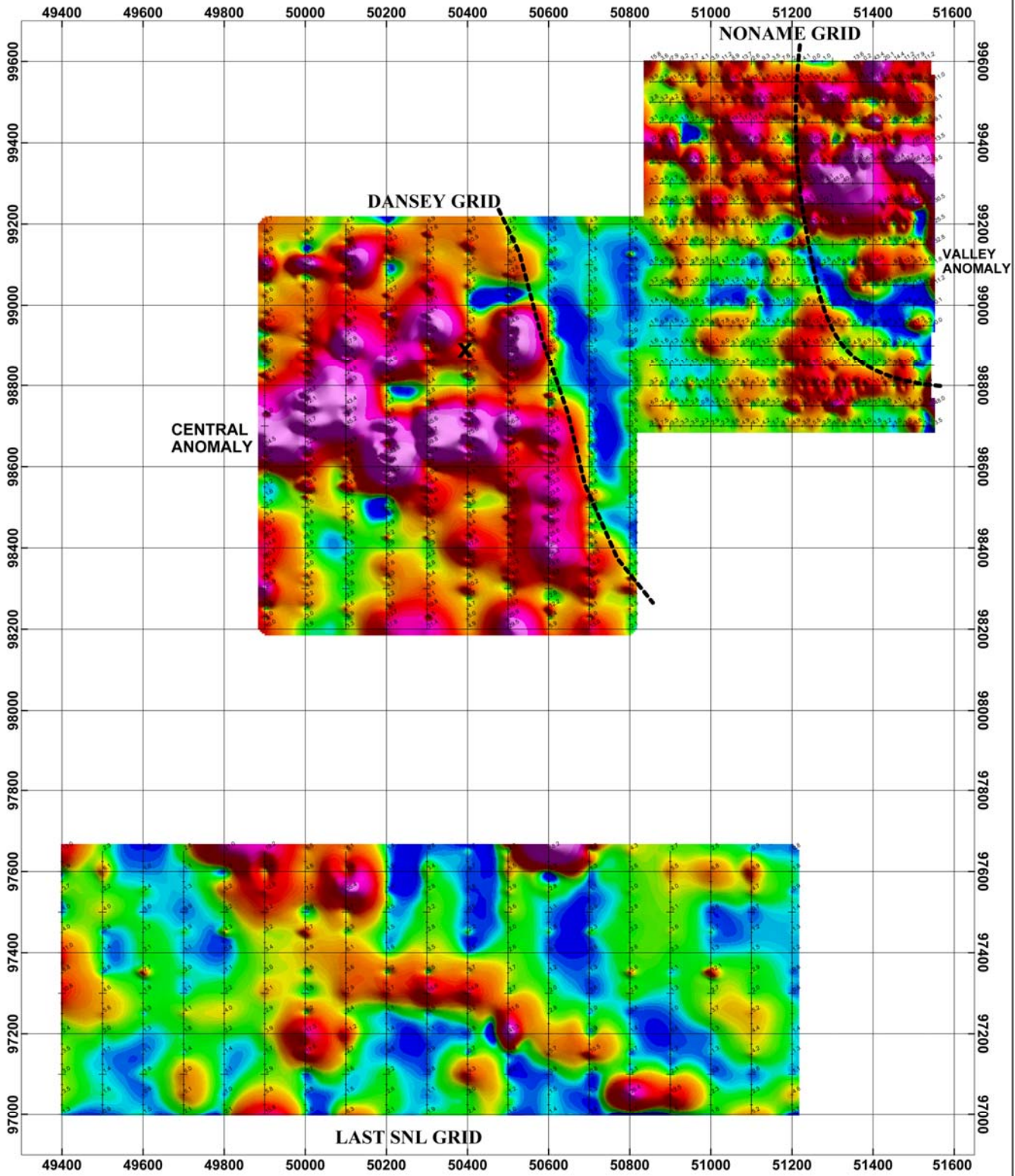
Data Reduced by: GEOTRONICS CONSULTING INC

SNL ENTERPRISES LTD.
LOGAN LAKE PROPERTY
NONAME GRID
 Logan Lake Area, Kamloops M.D., BC
MMI SOIL SAMPLING
 Response Ratio - Histogram
Line 99600N


fig. 101



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Note: Map data are lab data divided by the background which for uranium is 7.6 ppb for the Dansey and Last SNL grids and 12.7 ppb for the Noname grid.

 Lithological contact as suggested by MMI Data.

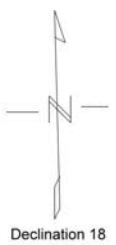
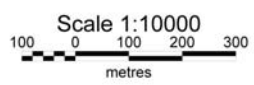
X Location of Dansey showing according to MapPlace web site

Dates Samples Picked Up:
June, July 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

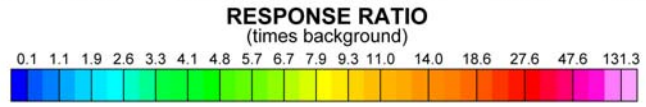
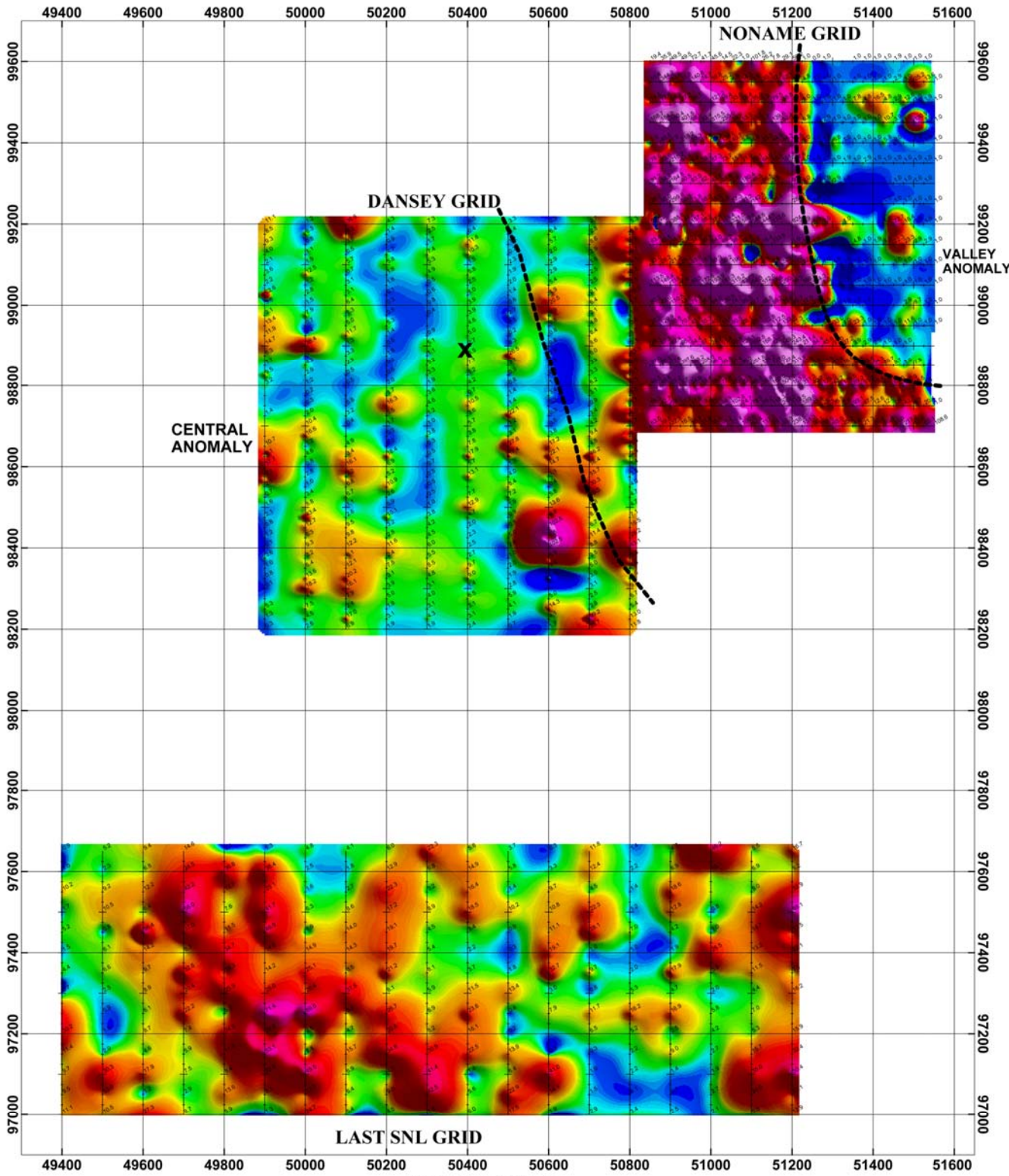
Grid:
Last 5 digits of UTM grid, zone 10U, NAD 83
ie., 50750 easting reads 650750 and
98250 northing reads 5598250

Contour Interval:
log base 10




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SNL ENTERPRISES LTD.			
LOGAN LAKE PROPERTY			
DANSEY, LAST SNL and NONAME GRIDS			
Logan Lake Area, Kamloops M.D., B.C.			
MMI SOIL GEOCHEMISTRY SURVEY			
RESPONSE RATIO CONTOUR PLAN			
COPPER			
Drawn by DGM	Job No. 08-14,16,19	NTS 92/10	Date Mar 09
			Fig No. GC-1



Note: Map data are lab data divided by the background which for uranium is 7.6 ppb for the Dansey and Last SNL grids and 12.7 ppb for the Noname grid.

 Lithological contact as suggested by MMI Data.

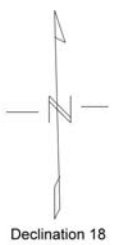
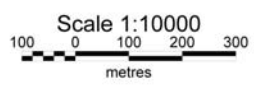
X Location of Dansey showing according to MapPlace web site

Dates Samples Picked Up:
June, July 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

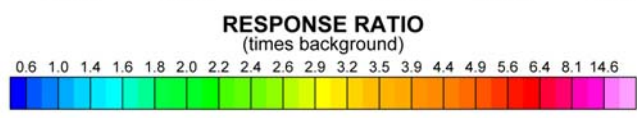
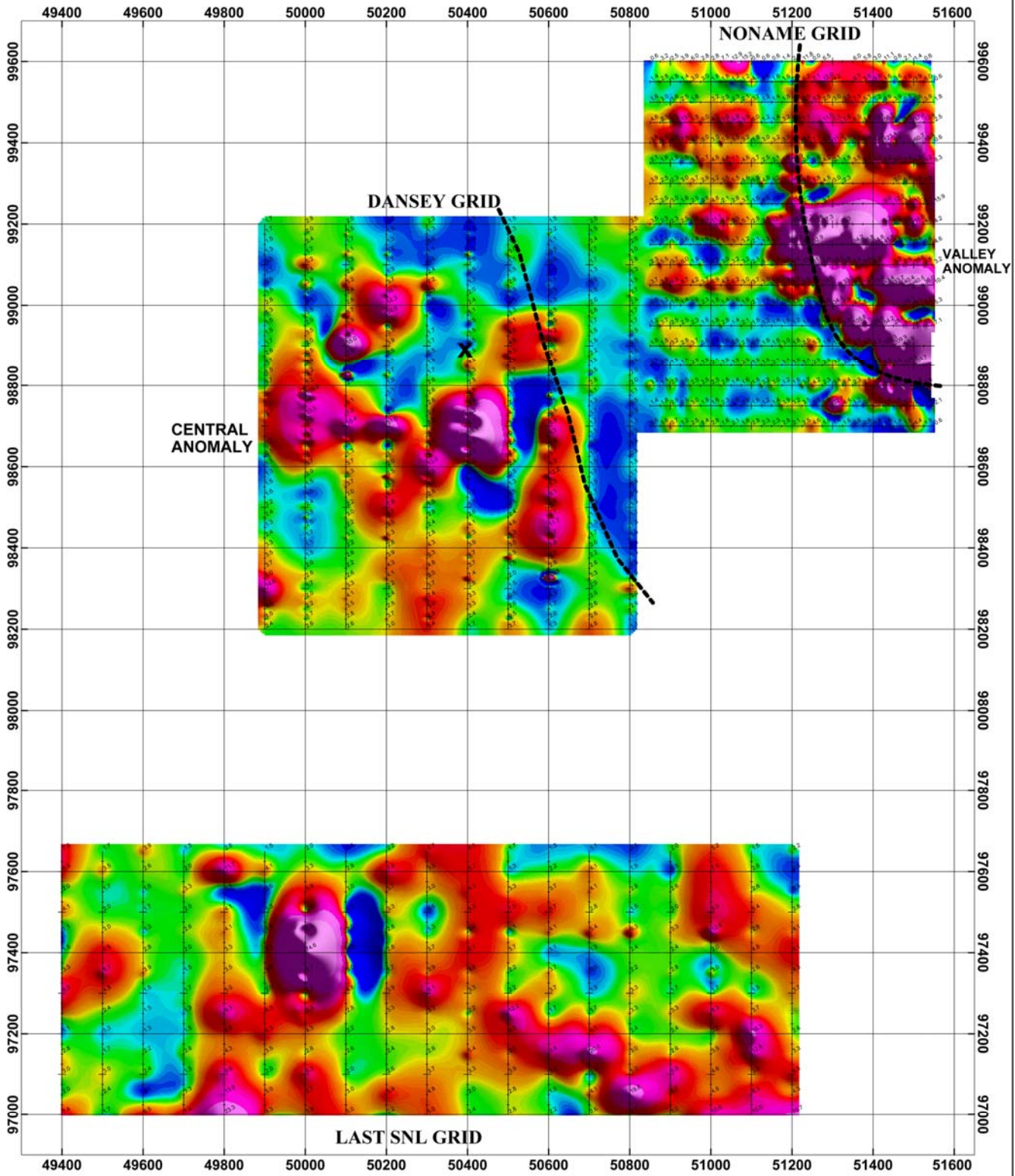
Grid:
Last 5 digits of UTM grid, zone 10U, NAD 83
i.e., 50750 easting reads 650750 and
98250 northing reads 5598250

Contour Interval:
log base 10



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MMI SOIL GEOCHEMISTRY SURVEY				
RESPONSE RATIO CONTOUR PLAN				
ZINC				
Drawn by DGM	Job No. 08-14,16,19	NTS 92/10	Date Mar 09	Fig No. GC-2



Note: Map data are lab data divided by the background which for uranium is 7.6 ppb for the Dansey and Last SNL grids and 12.7 ppb for the Noname grid.

Lithological contact as suggested by MMI Data.

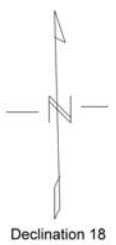
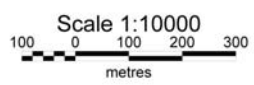
X Location of Dansey showing according to MapPlace web site

Dates Samples Picked Up:
June, July 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

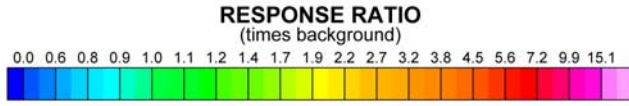
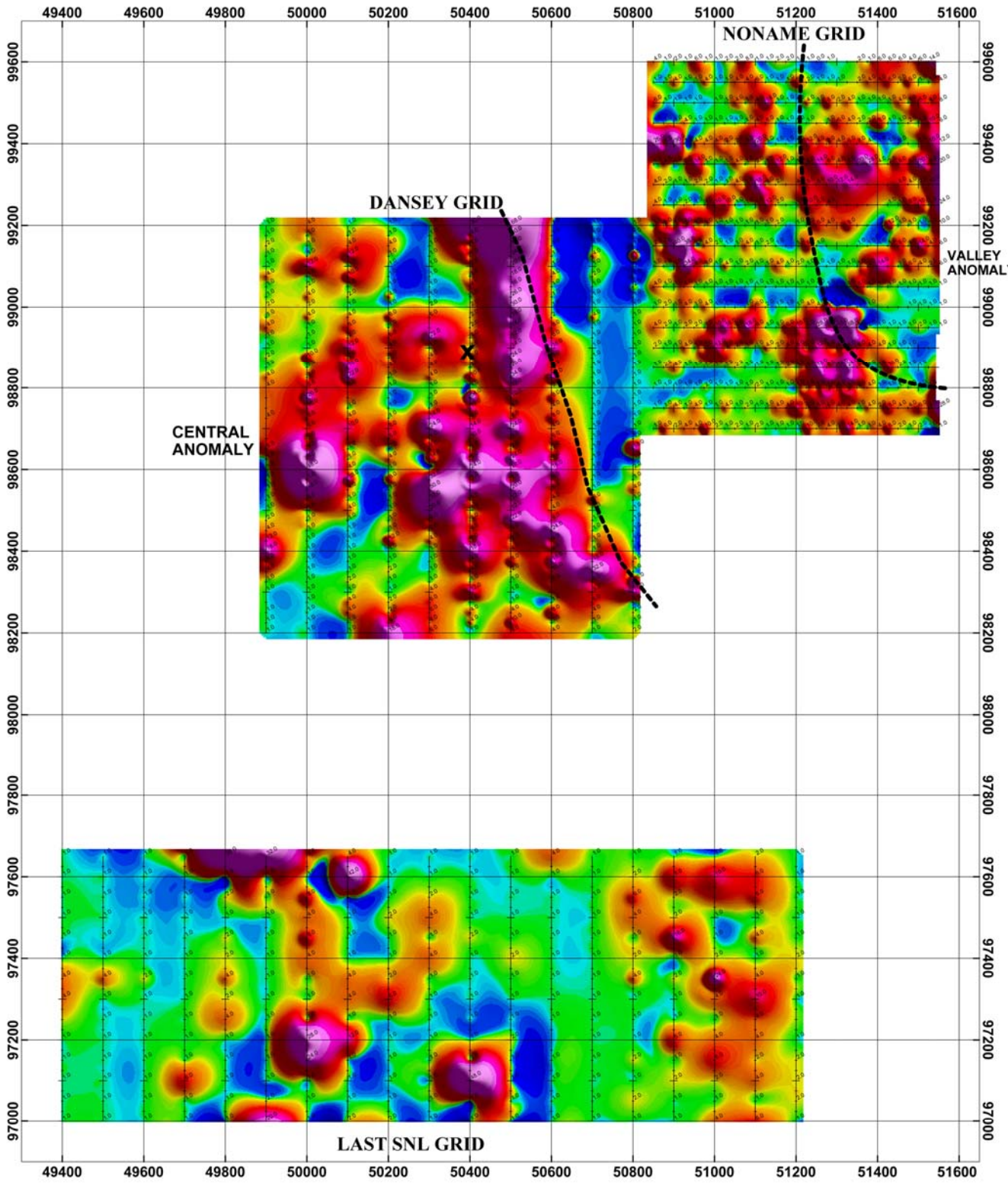
Grid:
Last 5 digits of UTM grid, zone 10U, NAD 83
i.e., 50750 easting reads 650750 and
98250 northing reads 5598250

Contour Interval:
log base 10




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MMI SOIL GEOCHEMISTRY SURVEY				
RESPONSE RATIO CONTOUR PLAN				
MOLYBDENUM				
Drawn by DGM	Job No. 08-14,16,19	NTS 92/10	Date Mar 09	Fig No. GC-3



Note: Map data are lab data divided by the background which for uranium is 7.6 ppb for the Dansey and Last SNL grids and 12.7 ppb for the Noname grid.

 Lithological contact as suggested by MMI Data.

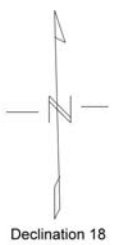
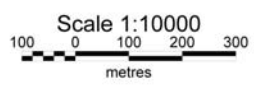
X Location of Dansey showing according to MapPlace web site

Dates Samples Picked Up:
June, July 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

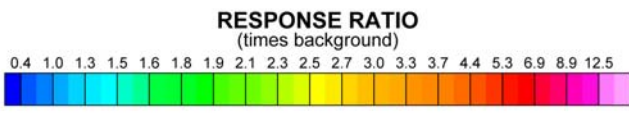
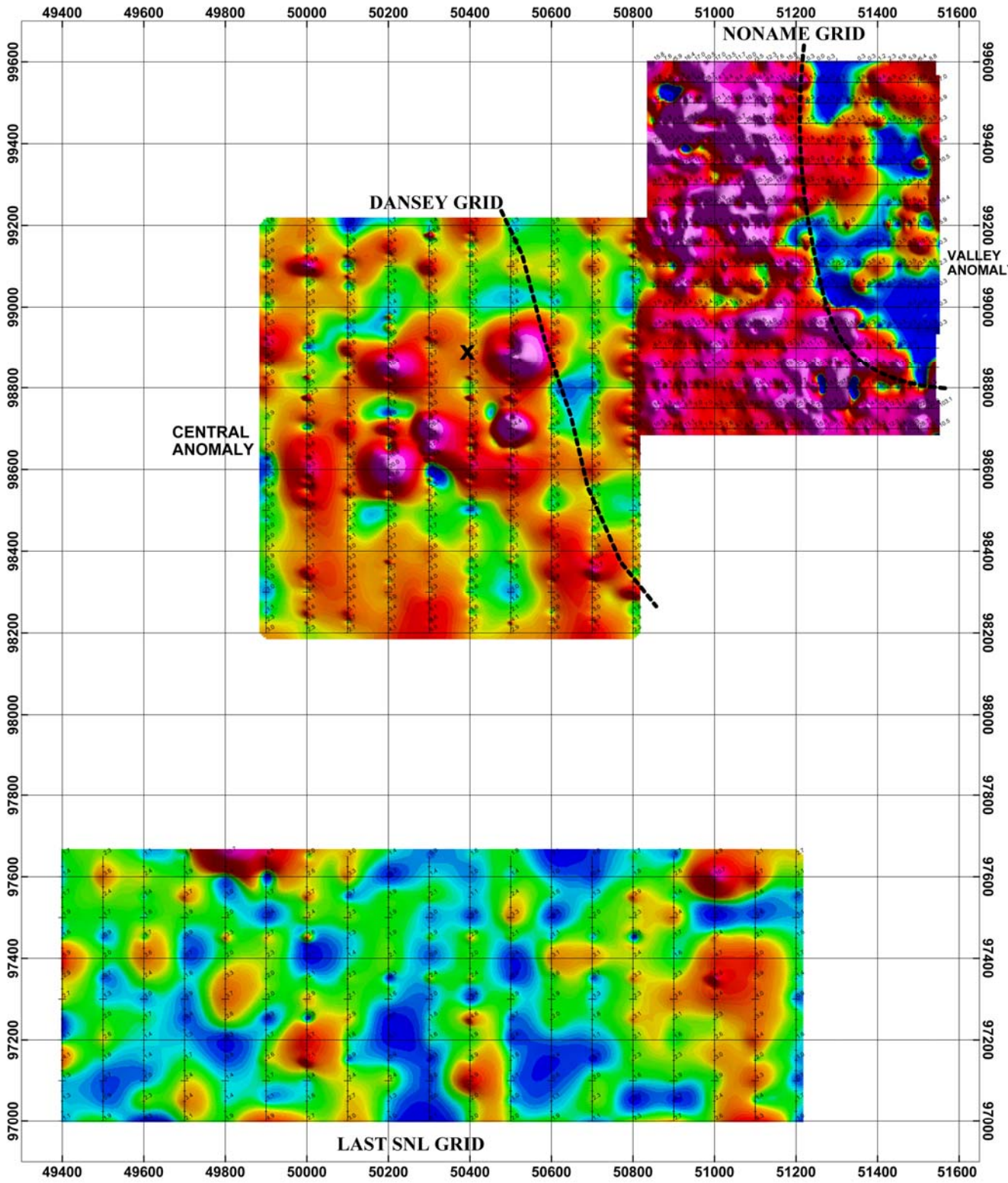
Grid:
Last 5 digits of UTM grid, zone 10U, NAD 83
ie., 50750 easting reads 650750 and
98250 northing reads 5598250

Contour Interval:
log base 10



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MMI SOIL GEOCHEMISTRY SURVEY				
RESPONSE RATIO CONTOUR PLAN				
GOLD				
Drawn by DGM	Job No. 08-14,16,19	NTS 92/10	Date Mar 09	Fig No. GC-4



Note: Map data are lab data divided by the background which for uranium is 7.6 ppb for the Dansey and Last SNL grids and 12.7 ppb for the Noname grid.

Dates Samples Picked Up:
June, July 2008

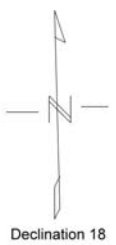
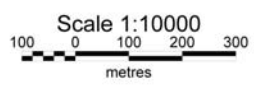
Soils Tested By:
SGS Laboratories, Toronto, Ontario

 Lithological contact as suggested by MMI Data.

Grid:
Last 5 digits of UTM grid, zone 10U, NAD 83
i.e., 50750 easting reads 650750 and
98250 northing reads 5598250

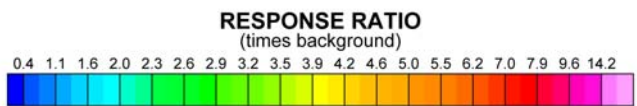
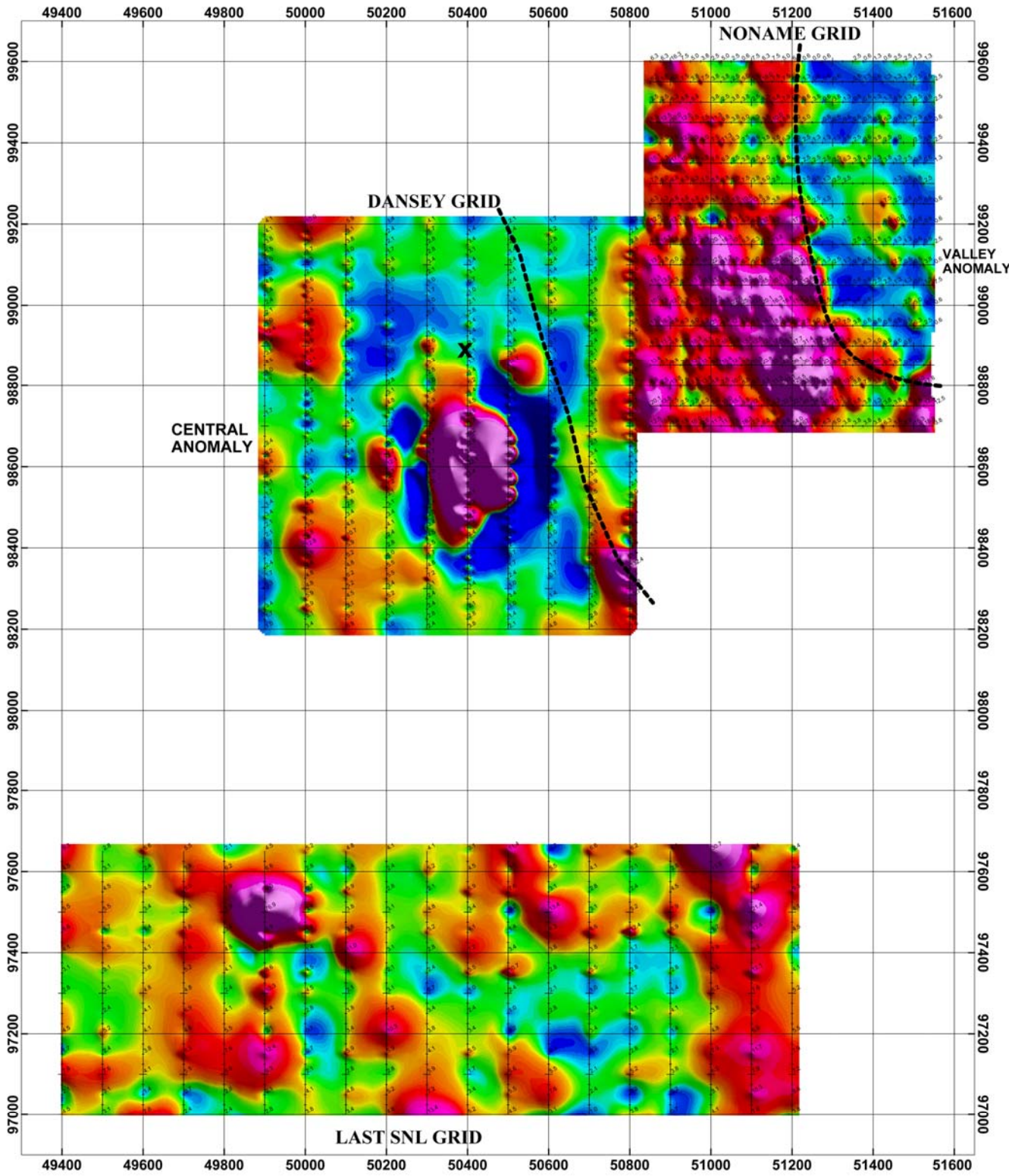
X Location of Dansey showing according to MapPlace web site

Contour Interval:
log base 10




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MMI SOIL GEOCHEMISTRY SURVEY				
RESPONSE RATIO CONTOUR PLAN				
SILVER				
Drawn by DGM	Job No. 08-14,16,19	NTS 92/10	Date Mar 09	Fig No. GC-5



Note: Map data are lab data divided by the background which for uranium is 7.6 ppb for the Dansey and Last SNL grids and 12.7 ppb for the Noname grid.

 Lithological contact as suggested by MMI Data.

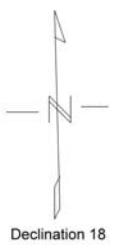
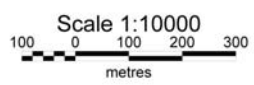
X Location of Dansey showing according to MapPlace web site

Dates Samples Picked Up:
June, July 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

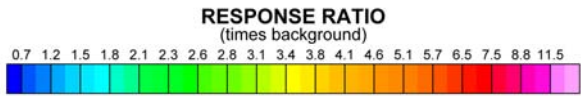
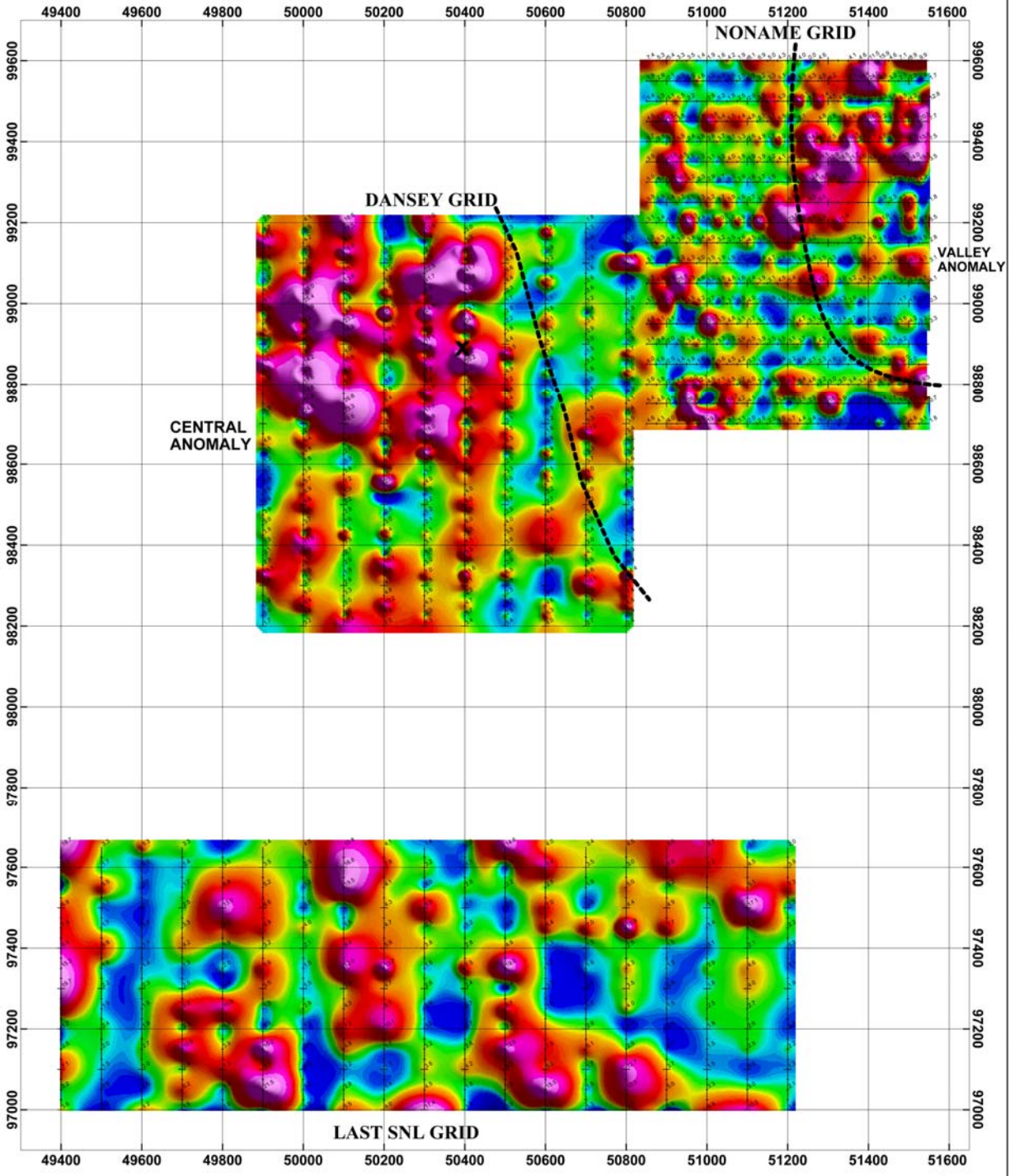
Grid:
Last 5 digits of UTM grid, zone 10U, NAD 83
i.e., 50750 easting reads 650750 and
98250 northing reads 5598250

Contour Interval:
log base 10





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MMI SOIL GEOCHEMISTRY SURVEY			
RESPONSE RATIO CONTOUR PLAN			
LEAD			
Drawn by DGM	Job No. 08-14,16,19	NTS 92/10	Date Mar 09
			Fig No. GC-6



Note: Map data are lab data divided by the background which for uranium is 7.6 ppb for the Dansey and Last SNL grids and 12.7 ppb for the Noname grid.

 Lithological contact as suggested by MMI Data.

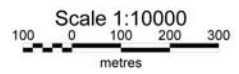
 Location of Dansey showing according to MapPlace web site

Dates Samples Picked Up:
June, July 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

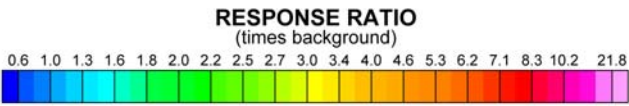
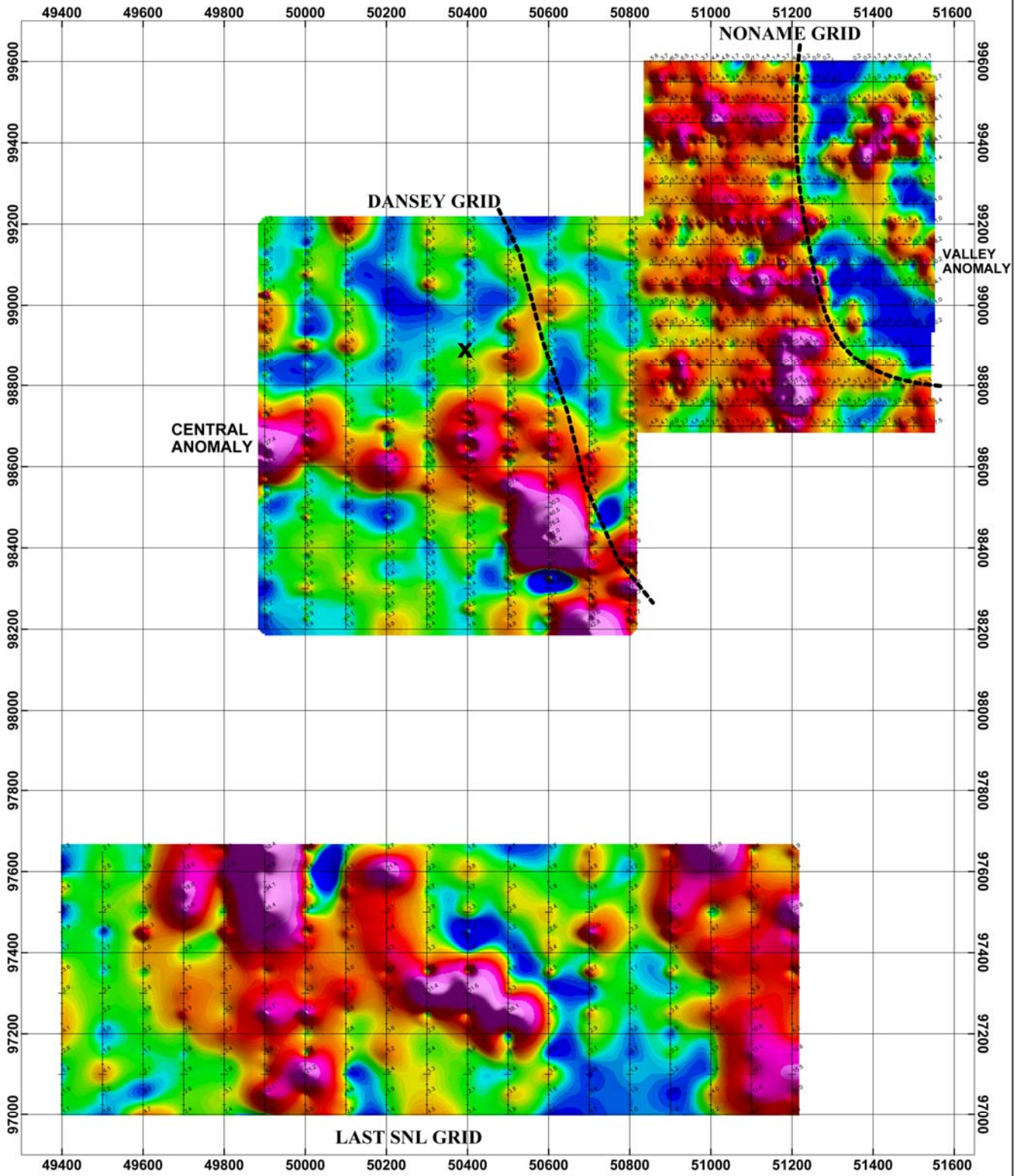
Grid:
Last 5 digits of UTM grid, zone 10U, NAD 83
ie., 50750 easting reads 650750 and
98250 northing reads 5598250

Contour Interval:
log base 10




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MMI SOIL GEOCHEMISTRY SURVEY			
RESPONSE RATIO CONTOUR PLAN			
COBALT			
Drawn by DGM	Job No. 08-14.16.19	NTS 921/10	Date Mar 09
			Fig No. GC-7



Note: Map data are lab data divided by the background which for uranium is 7.6 ppb for the Dansey and Last SNL grids and 12.7 ppb for the Noname grid.

 Lithological contact as suggested by MMI Data.

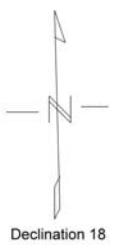
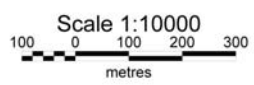
X Location of Dansey showing according to MapPlace web site

Dates Samples Picked Up:
June, July 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

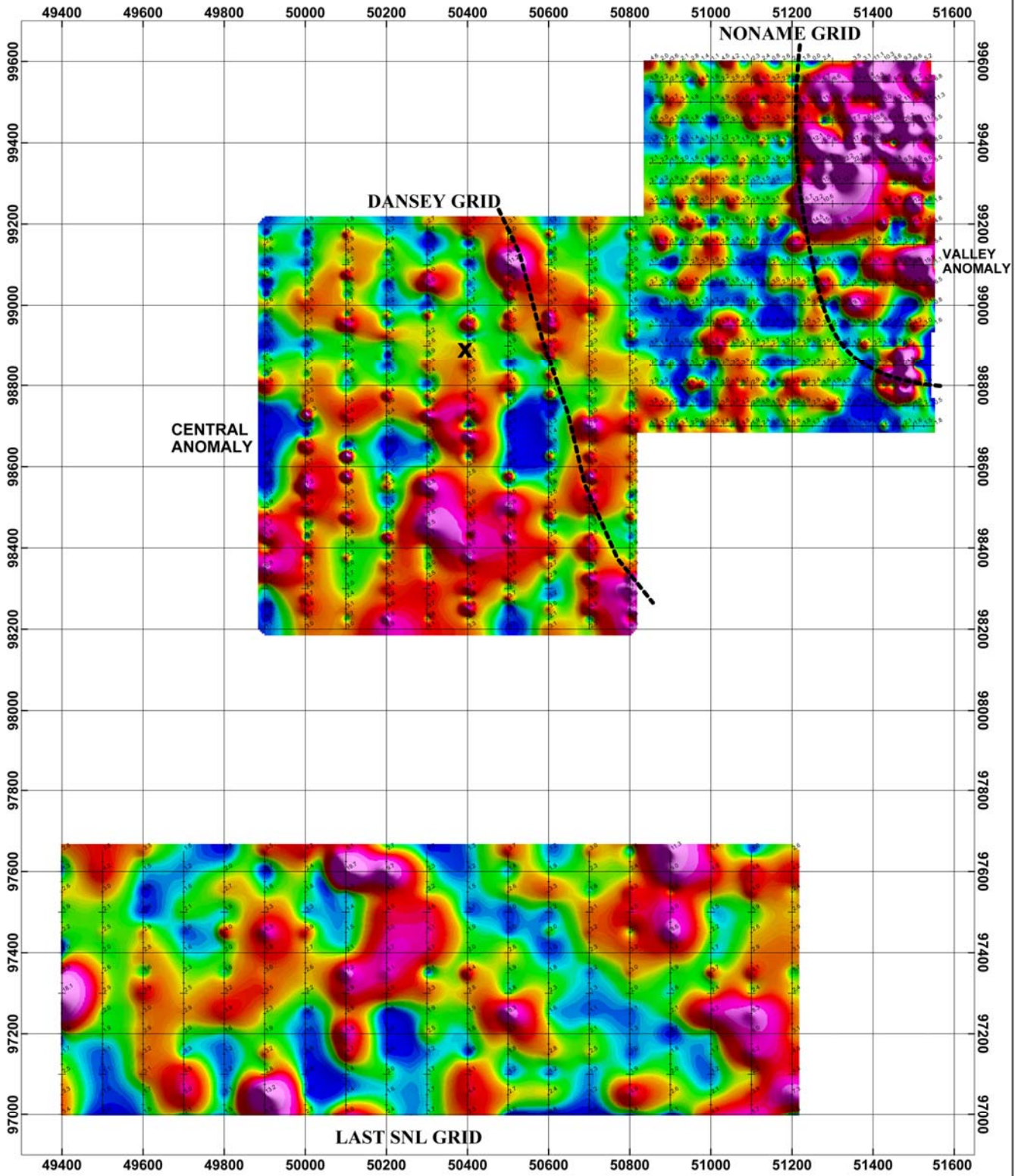
Grid:
Last 5 digits of UTM grid, zone 10U, NAD 83
ie., 50750 easting reads 650750 and
98250 northing reads 5598250

Contour Interval:
log base 10




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DANSEY, LAST SNL and NONAME GRIDS				
Logan Lake Area, Kamloops M.D., B.C.				
MMI SOIL GEOCHEMISTRY SURVEY				
RESPONSE RATIO CONTOUR PLAN				
CADMIUM				
Drawn by DGM	Job No. 08-14,16,19	NTS 92/10	Date Mar 09	Fig No. GC-8



Note: Map data are lab data divided by the background which for uranium is 7.6 ppb for the Dansey and Last SNL grids and 12.7 ppb for the Noname grid.

 Lithological contact as suggested by MMI Data.

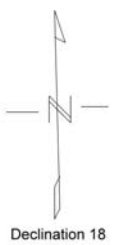
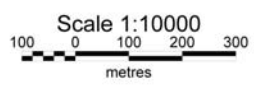
X Location of Dansey showing according to MapPlace web site

Dates Samples Picked Up:
June, July 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

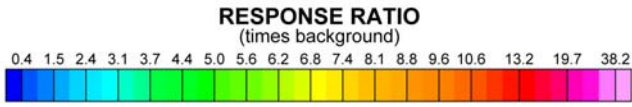
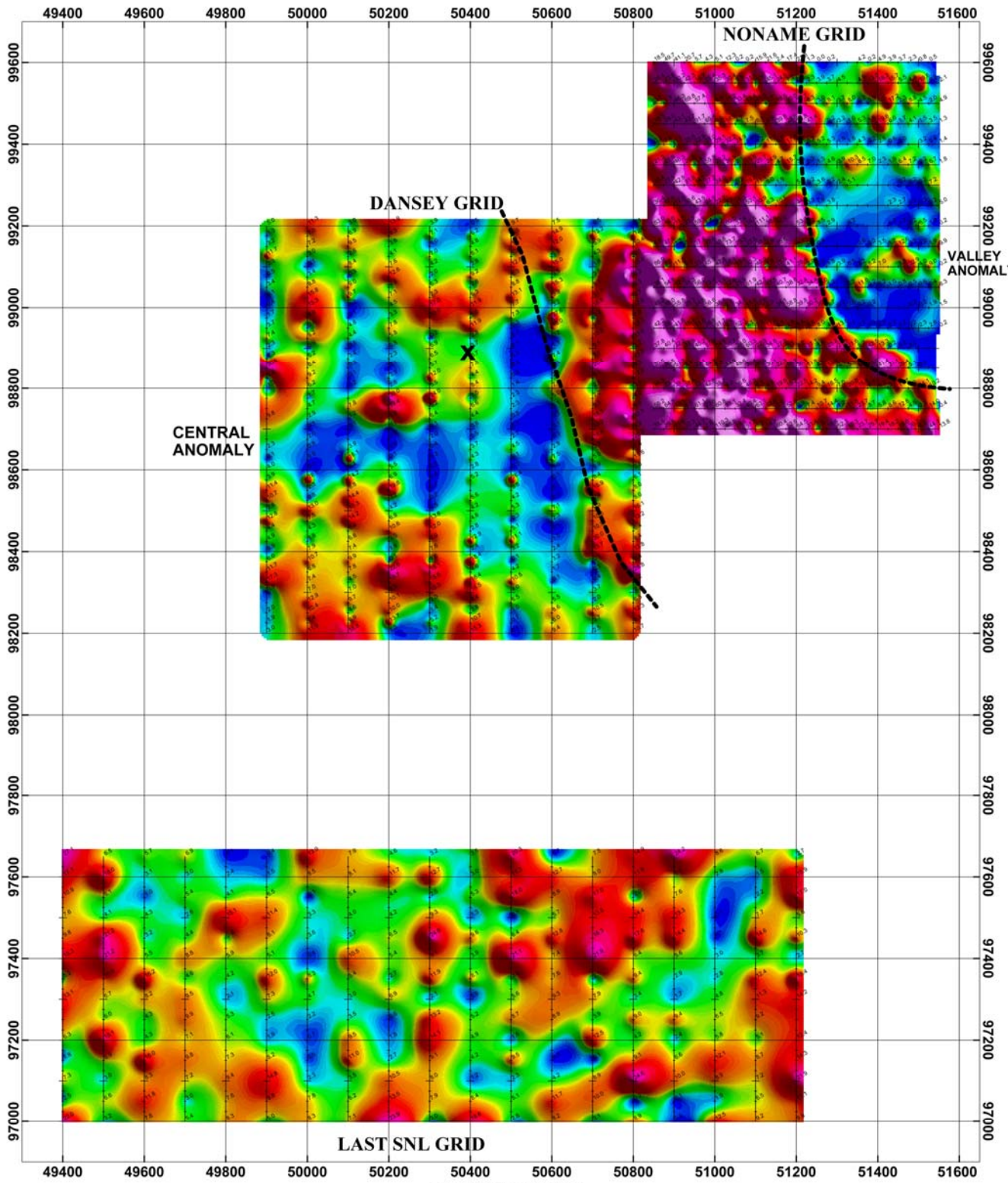
Grid:
Last 5 digits of UTM grid, zone 10U, NAD 83
ie., 50750 easting reads 650750 and
98250 northing reads 5598250

Contour Interval:
log base 10




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DANSEY, LAST SNL and NONAME GRIDS			
Logan Lake Area, Kamloops M.D., B.C.			
MMI SOIL GEOCHEMISTRY SURVEY			
RESPONSE RATIO CONTOUR PLAN			
NICKEL			
Drawn by DGM	Job No. 08-14,16,19	NTS 92/1/10	Date Mar 09
		Fig No. GC-9	



Note: Map data are lab data divided by the background which for uranium is 7.6 ppb for the Dansey and Last SNL grids and 12.7 ppb for the Noname grid.

 Lithological contact as suggested by MMI Data.

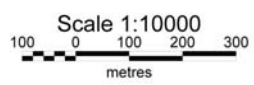
X Location of Dansey showing according to MapPlace web site

Dates Samples Picked Up:
June, July 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

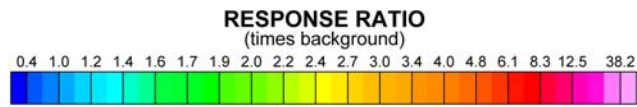
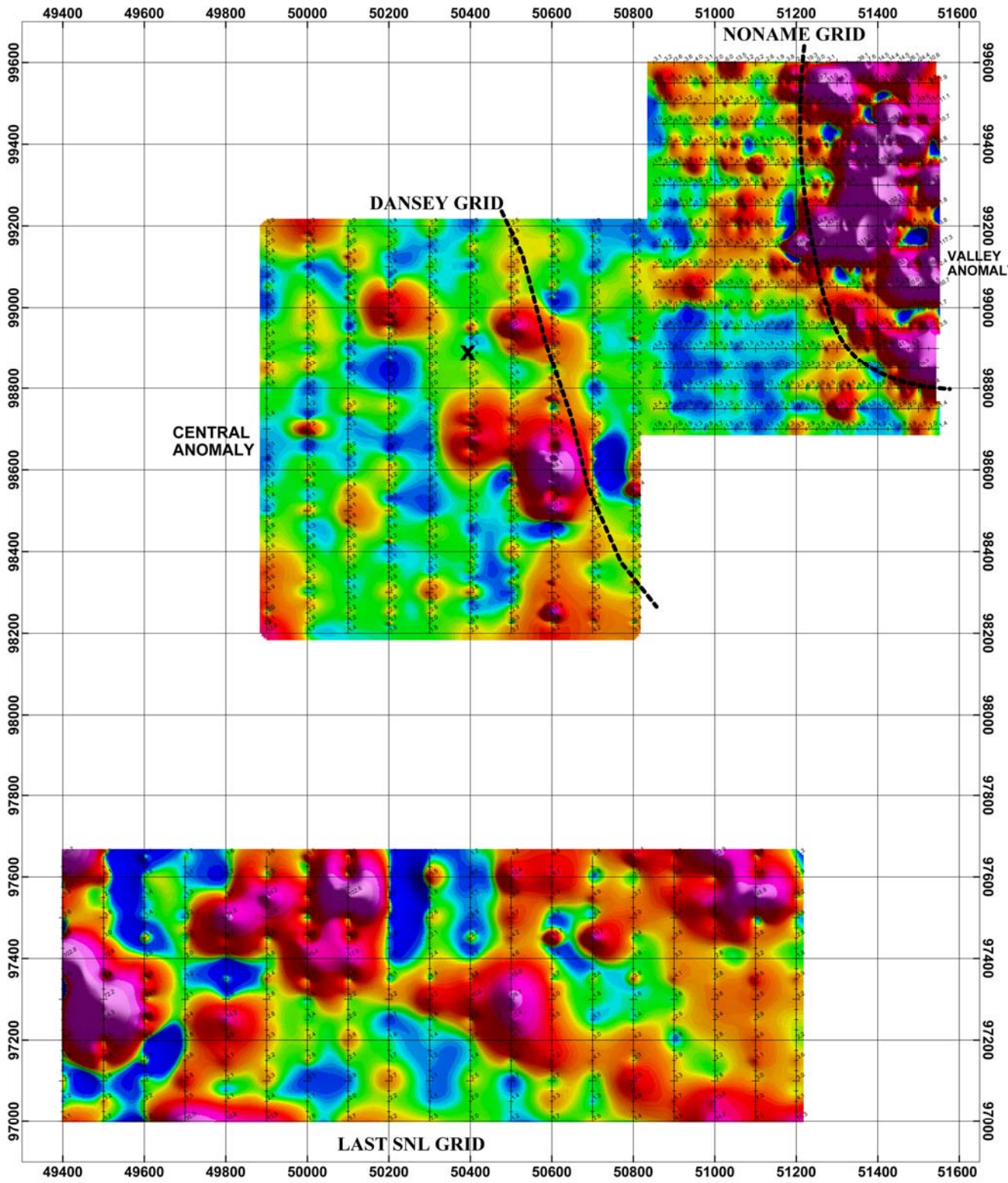
Grid:
Last 5 digits of UTM grid, zone 10U, NAD 83
ie., 50750 easting reads 650750 and
98250 northing reads 5598250

Contour Interval:
log base 10




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MMI SOIL GEOCHEMISTRY SURVEY			
RESPONSE RATIO CONTOUR PLAN			
CERIUM			
Drawn by DGM	Job No. 08-14,16,19	NTS 92/10	Date Mar 09
			Fig No. GC-10



Note: Map data are lab data divided by the background which for uranium is 7.6 ppb for the Dansey and Last SNL grids and 12.7 ppb for the Noname grid.

 Lithological contact as suggested by MMI Data.

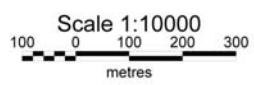
X Location of Dansey showing according to MapPlace web site

Dates Samples Picked Up:
June, July 2008

Soils Tested By:
SGS Laboratories, Toronto, Ontario

Grid:
Last 5 digits of UTM grid, zone 10U, NAD 83
i.e., 50750 easting reads 650750 and
98250 northing reads 5598250

Contour Interval:
log base 10



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SNL ENTERPRISES LTD.				
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DANSEY, LAST SNL and NONAME GRIDS				
Logan Lake Area, Kamloops M.D., B.C.				
MMI SOIL GEOCHEMISTRY SURVEY				
RESPONSE RATIO CONTOUR PLAN				
URANIUM				
Drawn by DGM	Job No. 08-14,16,19	NTS 92/10	Date Mar 09	Fig No. GC-11