

GEOCHEMICAL REPORT
ON THE
2008 MMI SOIL GEOCHEMISTRY SURVEY
WITHIN THE
NORTHERN PART
OF THE
HOPE LAKE PROPERTY
LOBSTICK BAY AREA
KENORA MINING DIVISION, ONTARIO

2-40046

LOCATED: To the immediate north of Lobstick Bay, and 33 km northeast of Sudbury, Ontario
46° 40' North Latitude, 80°45' West Longitude
NTS: 41I/10

WRITTEN FOR: **INTERNATIONAL MILLENNIUM MINING CORP**
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DATED: December 18, 2008

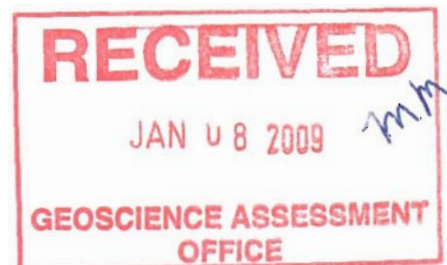


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SUMMARY

MMI (mobile metal ion) soil sampling along with grid emplacement was carried out during the period of May to August, 2008 within the northeastern part of the Hope Lake Property, which is to the immediate east of Lobstick Bay and 65 km southeast of the town of Kenora, Ontario. The purpose of the work was to determine the response of MMI to the known gold mineralization, specifically that of the Porphyry Lake Showing and eventually that of the Mushkasu Lake Showing as well as to determine the strike extensions of these two showings.

The Hope Lake Claim Group lies within a wedge of Archean aged metavolcanic rocks that is located between the Atikwa and Dryberry granitic batholiths. The rocks consist mainly of northeast trending pillowed to massive mafic volcanics. Three gold showings occur on the property and these are the Grand Chibougamu, the Mushkasu Lake, and the Porphyry Lake. All three gold prospects are thought to occur within structurally controlled shear zones with intense carbonate alteration and silica flooding as well as associated sulphides mineralization.

The MMI survey consisted of 342 samples. They were picked up every 25 meters on 100-meter separated north-south lines. These were bagged and sent to SGS Laboratories in Toronto, Ontario for analysis where they were tested for 46 elements. The results for twelve of these, namely, gold, silver, copper, arsenic, cobalt, molybdenum, zinc, lead, cadmium, uranium, nickel, and cerium, were divided by their respected mean background values to obtain a number called a response ratio. Stacked histograms were then made for each survey line and contour plans were made for all twelve of the elements.

CONCLUSIONS

1. The MMI soil survey revealed a strong gold anomaly, labeled A, the main section of which is reflecting the mineralization within the Porphyry Lake Showing. The strongest part of the anomaly and that with most exploration interest occurs to the east of the Porphyry Lake Showing and reaches a high of 57 ppb, which is very high for a gold MMI value.
2. Anomaly A strikes 060°E for a minimum strike length of 800 meters as well as possibly a further 800 meters to the southwest where it is open. An arm of A, labeled A' strikes a minimum 1,000 meters to the west toward the Mushkasu Lake Showing and may be the eastern extension of that showing and thus indicates that the two showings may be connected.
3. The main section of anomaly A consists of a northern part and a southern parallel part. The northern part is that which contains the 57 ppb value as mentioned in 1. above and has a minimum strike length of 630 meters being open to the east. The southern part has a strike length of 600 meters.
4. The northern part of the anomaly is as much as 100 meters wide and may be reflecting 3 parallel zones of gold mineralization.
5. Anomaly A is also anomalous in silver, copper, and molybdenum MMI values reflecting mineralization associated with the gold mineralization, which is the known characteristic of the Porphyry Lake Showing.
6. A uranium MMI anomaly occurs at the southwest end of anomaly A? indicating uranium mineralization may occur in this area.
7. A nickel anomaly occurs to the south of anomaly A and is probably reflecting a basic or ultra-basic intrusive associated with the gold mineralization.

RECOMMENDATIONS

1. The MMI survey should be continued to the west to cover the Mushkasu Lake Showing. In addition, the in-between 50-meter lines should be sampled in the area of the main part of anomaly A.
2. Induced polarization and resistivity surveying should be carried out across the MMI anomalies in order to help determine depths as well as help to define drill targets.

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INTRODUCTION AND GENERAL REMARKS

This report discusses survey procedure, compilation of data, interpretation methods, and the results of a mobile metal ion (MMI) survey carried out within the north-eastern part of the Hope Lake Property being option by the International Millennium Mining Corp. The property is located 65 kilometers southeast of Kenora, Ontario within the Lobstick Bay Area.

The work program presented in this report was completed on parts of the following four claims: 1248205, 1248206, 3005689, and 3005691.

The work was carried out by a Geotronics crew of 4 workers, under supervision of the writer, during the period May to August, 2008.

The purpose of the work was to 1) determine the response of the MMI soil geochemistry sampling method to the Porphyry Lake Showing, 2) determine if there was any extension to the known strike length of this showing as well as locate other mineralization zones, and 3) determine if the Porphyry Lake Showing extended to the Mushkasu Lake Showing and thus also eventually determine the MMI response to the Mushkasu Lake Showing.

Much of the following description of the property up to and including the property's geology was taken from Burns' geological report on the property dated April, 2006.

PROPERTY AND OWNERSHIP

The Hope Lake property consists of 14 unpatented claims, totaling 109 units or approximately 1744 hectares, within the Kenora Mining Division of Ontario. They are listed as follows:

<u>Claim #</u>	<u>Recording Date</u>	<u>Due Date</u>	<u>Claim Units</u>	<u>Work Required</u>	<u>Township</u>	<u>Ownership</u>
1178320	30-Jun-03	28-Oct-08	1	400	Lobstick Bay	R. Fairservice
1220618	30-Jun-03	28-Oct-08	1	400	Lobstick Bay	R. Fairservice
1220653	10-May-04	06-Nov-08	2	800	Lobstick Bay	R. Fairservice
1248205	31-Jul-02	31-Jul-09	15	6,000	Lobstick Bay	R. Fairservice
1248206	09-Oct-02	09-Oct-08	2	800	Lobstick Bay	R. Fairservice
1248207	09-Oct-02	09-Oct-08	3	1,200	Lobstick Bay	R. Fairservice
3005688	03-Apr-03	30-Sep-08	12	4,800	Lobstick Bay	R. Fairservice
3005689	03-Apr-03	30-Sep-08	3	1,200	Lobstick Bay	R. Fairservice
3005690	03-Apr-03	30-Sep-08	14	5,600	Lobstick Bay	R. Fairservice
3005691	03-Apr-03	30-Sep-08	16	6,400	Lobstick Bay	R. Fairservice
3005692	03-Apr-03	30-Sep-08	4	1,600	Lobstick Bay	R. Fairservice
3005693	03-Apr-03	30-Sep-08	15	6,000	Lobstick Bay	R. Fairservice
3005694	03-Apr-03	30-Sep-08	6	2,400	Lobstick Bay	R. Fairservice
3005695	03-Apr-03	30-Sep-08	15	6,000	Lobstick Bay	R. Fairservice

Robert Fairservice, owner, is optioning the property to International Millennium Mining Corp. of North Vancouver, British Columbia.

LOCATION AND ACCESS

The Hope Lake project area is located 1,700 meters east of Lobstick Bay, which is part of Lake of the Woods, 65 km southeast of the town of Kenora, 209 km east of Winnipeg, Manitoba and 469 km northwest of Thunder Bay, Ontario. It also occurs along and to the west of Hope Lake and to the north of Caviar Lake.

The property is easily accessed by following Highway 71 south. Approximately 60 km south of Kenora take Maybrun Mine road eastward. Maybrun Mine road is a graveled forestry road accessible year round and cuts across the northern part of the property. Local access is provided by a number of recently constructed logging roads.

PHYSIOGRAPHY

Temperature in the Kenora Area ranges from a summer high of 35.8°C to a winter low of -43.9°C, averaging 2.7°C annually. Annual precipitation averages 662 mm: 514 mm of rainfall and 158 cm of snow. These conditions make the Hope Lake property suitable for year-round operations.

Overburden on the Hope Lake Property is moderate to shallow. All drainage is generally towards the southeast into Caviar Lake. The area is comprised of flat to rolling topography with local bedrock ledges. As is common for the area, it is also covered by much water in the form of swamps and lakes.

Maximum relief on the property is approximately 25 metres. Three parallel ridges trend northeasterly across the property, separated by swamps or lakes.

HISTORY

Exploration in the area has been sporadic since the early 1900's. The earliest significant Au discovery, the Grand Chibougamu occurrence, lies within the Hope Lake claim group in claim 3005695 (in the southern part of the claim group, Caviar Lake). It was discovered and explored by stripping and trenching in 1948-1949. In 1987, Tanqueray Resources Ltd acquired this occurrence and carried out ground magnetometer and VLF-EM surveys, an orientation humus geochemical survey, geological mapping in a small area immediately surrounding the prospect and an 11-hole 2321 feet (707 m) diamond drill program. Between 1992 and 1994, Champion Bear Resources Ltd. completed line cutting, a ground magnetometer survey, stripping and sampling.

In 1983, R. Fairservice made a gold discovery in the northern part of the claim group (northeast of Mushkasu Lake), within the area covered by this report. Since 1983, work in this area has been completed by several major companies as summarized below:

1983-1984 Noranda Exploration: Linecutting, geological mapping, prospecting, ground magnetometer survey, and IP survey.

1985-1986 BP Selco: Geological mapping, VLF-EM, and IP surveys; Diamond drilling (11 holes).

1987-1988 Granges Exploration Inc.: 15 drill holes (1452m).

1989-1990 Placer Dome: 4 drill holes.

The property occurs within an area mapped by the Ontario Geological Survey (P. 2595)

(Johns et al., 1984 and Thompson, 1964). An airborne geophysical survey (magnetic and electromagnetic) was carried out on behalf of the OGS, and included Hope Lake (1987 maps 80998, 81001).

Cabo acquired the property in the spring of 2004, and carried out a limited geological mapping and sampling program during the summer to verify zones of known mineralization and plan a more extensive exploration program.

In 2005, it carried out diamond drilling in nine holes, five within the Mushkasu Lake Showing and four within the Porphyry Lake Showing. The drilling tested geological and geophysical targets and encountered minor gold mineralization.

GEOLOGY

The following is quoted from Burns 43-101 report on the property

(a) Regional

“The Hope Lake Property occurs in the Lake of the Woods greenstone belt. This greenstone belt is located near the western end of the western Wabigoon region of the Wabigoon Subprovince of the Superior Province of the Canadian Shield. The Wabigoon Subprovince is 900 km long, trends east-west, and comprises of 3.0 to 2.71 Ga (billion year old) metavolcanic and subordinate metasedimentary rocks which are surrounded and cut by 3.0 to 2.69 Ga granitoid rocks.

“Several types of mineral deposits are present in the Wabigoon Subprovince. The most important include a) epigenetic shear and replacement gold deposits in the Beardmore-Geraldton Camp, b) the mafic-ultramafic intrusion related copper-nickel-platinum group element deposit of Lac des Isle, c) the platform metasedimentary rock iron-manganese deposit of the Steep Rock Group, and d) the zinc-copper volcanic-associated massive sulphide base metal deposits of the Sturgeon Lake Camp.”

(b) Property

“The Hope Lake Claim Group lies within a wedge of Archean aged metavolcanic rocks that is located between the Atikwa and Dryberry granitic batholiths. The rocks consist mainly of northeast trending pillowed to massive mafic volcanics that are considered to be a part of the “Populus Volcanics”, one of three groups of rocks as defined by Trowell et al. (1980) that occur in this area. A granitic pluton referred to as the Hope Lake Stock (Heimlich, 1966) occupies the eastern edge of the claim group. Numerous smaller felsic to ultramafic dykes and small bodies intrude the volcanic rocks on the property. The claims lie near the junction of two major structural features, the southeast trending

Cameron Lake-Pipestone Lake Fault and the northeast trending Wabigoon Fault Zone. These structures are considered to have played major roles in the localization of gold mineralization in the area.

“Three gold occurrences within the Hope Lake Claim Group have been moderately explored. These include the Grand Chibougamu, the Mushkasu Lake, and the Porphyry Lake zones. All three gold prospects are thought to occur within structurally controlled shear zones with intense carbonate alteration and silica flooding.”

(c) Mineralization

“Most of the known gold occurrences within the area are of the Cameron Lake type. Gold occurs in quartz veins and quartz flooded zones associated with sulphides in carbonated alteration zones within mafic volcanics and related gabbroic intrusive rocks. Gold also occurs locally with quartz-sericite-sulphide schist, and associated pyrite. Three known areas with multiple occurrences of quartz-carbonate hosted gold mineralization are known to exist on the Hope Lake property (Figure 4). These include:

- i) the **Grand Chibougamu occurrence**, in claim 3005695 in the southern part of the claim group (Caviar Lake area) where previous workers (Tanqueray Resources Ltd., 1987 and Champion Bear Resources Ltd., 1994) reported grab samples from stripping ranging from trace to 82 g/t Au from a quartz carbonate vein system up to 2 meters wide;
- ii) the **Fairservice (Mushkasu Lake) occurrence** in the northeast end of Mushkasu Lake area – drill intersections completed in this area by previous workers have intersected values from trace to the following: 6.6 g/t Au over 1.5 m (BP Selco, 1986); 15.9 g/t Au over 0.9 m and 6.2 g/t Au over 0.6 m from two holes by Granges (1987); and
- iii) the **Porphyry Lake occurrence** discovered by Noranda prospectors in 1983 – grab samples from this quartz-carbonate veining in this area have contained from trace to 2.05 g/t Au.”

GRID EMPLACEMENT

The grid was emplaced with a GPS unit, hip chain and compass within the northeastern part of the property with the purpose of covering the Porphyry Lake Zone and any possible extensions. It is planned to continue the grid further west in 2009 and eventually cover the Mushkasu Lake Showing, the eastern edge of which is only a further 200 meters to the west.

The base for the grid was the UTM system, zone 15, using the last five digits of the UTM coordinates. Thus line 43,000 N is actually UTM coordinate 443000 N and station 74100 E is actually 5474100 E.

Lines were put in every 100 meters in a UTM north-south direction being marked with flagging. Every 25 meters, a station was marked with a wooden stake with an aluminum metal tag with the grid coordinated marked thereon. The stations

MMI SOIL SAMPLING

(a) Sampling Procedure

The samples were picked up every 25 meters on the 100-meter separated north-south lines. The total number of MMI samples was 336.

The sampling procedure was to first remove the organic material from the sample site (A_0 layer) and then dig a pit over 25 cm deep with a shovel. Sample material was then scraped from the sides of the pit over the measured depth interval of 10 centimeters to 25 centimeters. About 250 grams of sample material was collected and then placed into a plastic Zip-loc sandwich bag with the sample location marked thereon. The 336 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.)

The property is covered with much lake and swampy areas which, as a result limits the MMI coverage. Thus there are several large holes within the sampled areas where no samples could be taken.

(b) Analytical Methods

At SGS Minerals, the testing procedure begins with weighing 50 grams of the sample into a plastic vial fitted with a screw cap. Next is added 50 ml of the MMI-M solution to the sample, which is then placed in trays and put into a shaker for 20 minutes. (The MMI-M solution is a neutral mixture of reagents that are used to detach loosely bound ions of any of the 46 elements from the soil substrate and formulated to keep the ions in solution.) These are allowed to sit overnight and subsequently centrifuged for 10 minutes. The solution is then diluted 20 times for a total dilution factor of 200 times and then transferred into plastic test tubes, which are then analyzed on ICP-MS instruments.

Results from the instruments for the 46 elements are processed automatically, loaded into the LIMS (laboratory information management system which is computer software used by laboratories) where the quality control parameters are checked before final reporting.

(c) Compilation of Data

Twelve elements were chosen out of the 46 reported on and these were gold, silver, copper, arsenic, cobalt, molybdenum, zinc, lead, cadmium, uranium, nickel, and cerium. The mean background value was calculated for each of these 12 elements and this number was then divided into the reported value to obtain a figure called the response ratio. Two stacked histograms were then made for each of the 18 lines of samples of the response ratios as shown on figures #7 through to #42, respectively. The one stacked

histogram consisted of the following elements, in order, copper, silver, gold, cobalt, and arsenic, and the second, copper, nickel, cerium, lead, zinc, and molybdenum.

In addition, a plan map was made for each of ten metals, being gold, silver, copper, zinc, lead, molybdenum, cobalt, nickel, uranium, cerium, arsenic, cadmium on maps GC-1 to GC-12, respectively. On each map, the original data were plotted and contoured at a logarithmic interval. In addition, the four drill holes with only two drill collars was plotted on each of the plan maps in order to show the correlation with the MMI results. These four holes occur on the western edge of the Porphyry Lake showing.

DISCUSSION OF RESULTS

The main MMI anomalous response is an anomalous zone that has been labeled on the plan maps and stacked histograms with the upper case letter A. The main part of this anomaly occurs on the eastern part of the grid striking 60°E with a minimum strike length of 800 meters being open to the east. Here it correlates with the Porphyry Lake Showing which occurs at about (44100E, 74250N). Anomaly A possibly extends a further minimum 800 meters to the southwest where it is open to the southwest and which is marked by "A?". Also an arm of A, marked with A', strikes westerly for a minimum of 1,000 meters and is open to the west towards the Mushkasu Lake Showing and thus may be its eastern extension. In other words, anomaly A with its arm A' indicates that the Mushkasu Lake Showing and the Porphyry Lake Showing are connected.

Anomalous Zone A is principally a gold anomaly with strong correlations with silver, copper and molybdenum anomalies, and with lesser correlations with arsenic and uranium anomalies. The main part of the gold anomalous zone extends from line 44000E to 44700E and appears to consist of two separate anomalies, one north and one south, that are caused by two separate causative sources, each striking in a 60°E direction.

The northern anomaly has the strongest anomalous gold response on the property reaching a high of 57 ppb which is very strong for MMI gold values. It is centered at (44400E, 74450N) with a minimum strike length of 630 meters being open to the east. The width on line 44400E is about 100 meters though on the adjacent lines the width is much narrower. The explanation for this may be that the northern anomaly appears to be comprised of three causative sources, possibly gold veins, all three of which seem to occur on line 44400E.

The southern anomaly occurs about 100 meters south of the northern anomaly and has a strike length of 600 meters. This anomaly is probably that part of A that is reflecting the mineralization of the Porphyry Lake Showing.

The main point of exploration interest is that the central and strongest part of anomaly A, being the northern anomaly, occurs to the east of the trenches and drill hole collars that comprise the Porphyry Lake Showing. As is shown on the MMI plan maps, the easternmost extension of the Porphyry Lake Showing is at about 44280E, but the stronger readings start at 44300E and

reach a high of 57 ppb gold at 44400E. The anomaly extends a further 300 meters to the edge of the grid where it is open to the east for a total minimum strike length of 630 meters, as is mentioned above. This eastern part of anomaly A appears to be covered by overburden as is suggested by Geology Plan Map HL-2 (Sears, July 2004) and thus is the probable reason no physical work was done east of 44280E. The writer therefore considers this part of anomaly A to have strong exploration potential.

The southwestern part of anomaly A, that is A?, contains stronger uranium readings and thus this area has some potential for uranium mineralization. However, the difficulty in this area is the sparse sampling due to the wide water coverage.

A nickel anomaly occurs to the south of anomaly A and A?. It may indicate nickel mineralization but is more likely indicative of basic or ultra basic intrusives. It therefore appears to be associated with the gold mineralization as is represented by anomaly A.

A strong cerium anomaly occurs at the southern part of the grid on lines 43300E to 43600E and is indicative of an acidic intrusive.

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GEOPHYSICIST'S CERTIFICATE

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

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

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

I further certify that:

1. I am a graduate of the University of British Columbia (1968) and hold a B.Sc. degree in Geophysics.
2. I have been practicing my profession for the past 40 years, and have been active in the mining industry for the past 43 years.
3. This report is compiled from data obtained from MMI soil sample surveying carried out by a 4-man crew of Geotronics Consulting supervised by myself along the northeastern part of the Hope Lake Property during the period of May to August, 2008.
4. I am a shareholder of International Millennium Mining Corp, holding a total of 20,000 shares. However, I will not be receiving any interest as a result of writing this report.

David G. Mark, P.Geo.
Geophysicist

December 18, 2008

AFFIDAVIT OF EXPENSES

MMI soil sample surveying along with grid emplacement was carried out within the northeastern portion of the Hope Lake Property, which occurs to the immediate east of Lobstick Bay Area, Ontario, during the period of May to August, 2008, to the value of the following:

<u>MOB/DEMOB:</u>		
Wages	\$2,200.00	
Room and Board	1,020.00	
Truck rental (4x4) and gas	<u>785.00</u>	
TOTAL	\$3,975.00	\$4,005.00
<u>FIELD:</u>		
MMI Survey, 4-man crew, 9 days @ \$1,700/day	\$15,300.00	\$15,300.00
<u>SAMPLE PREP. and LABORATORY:</u>		
Testing of 336 samples @ \$37/sample	\$12,432.00	
Packing and sorting of samples	250.00	
Courier costs for sample shipping to Toronto	<u>430.00</u>	
TOTAL	\$13,112.00	\$13,112.00
<u>DATA REDUCTION and REPORT</u>		
Report prep, Senior Geophysicist	\$1,950.00	
Data reduction and mapping	<u>1,650.00</u>	
TOTAL	\$3,600.00	\$3,600.00
GRAND TOTAL		\$36,017.00

Respectfully submitted,
Geotronics Consulting Inc.

David G. Mark, P.Geo,
Geophysicist

December 18, 2008

APPENDIX –

MMI

CERTIFICATES

OF

ANALYSIS



Certificate of Analysis

Work Order: TO101068

To: **Geotronics Consulting Inc.**
Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Sep 24, 2008

P.O. No. : HOPE LAKE
Project No. : DEFAULT
No. Of Samples : 43
Date Submitted : Jun 16, 2008
Report Comprises : Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 43 Soils

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Final : TO101068 Order: HOPE LAKE

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
L44700E-75000N	16	203	20	<0.1	1770	2	50	5	849	144
*Rep L44700E-75000N	14	214	20	<0.1	1700	2	50	6	867	158
L44700E-74950N	<1	142	<10	<0.1	660	<1	180	90	13	73
L44700E-74900N	3	259	30	<0.1	1210	<1	40	23	58	132
L44700E-74875N	2	163	<10	<0.1	690	<1	320	81	50	63
L44700E-74850N	10	87	<10	<0.1	420	<1	360	4	30	13
L44700E-74775N	11	67	20	<0.1	870	1	250	4	244	168
L44700E-74700N	9	114	<10	0.4	1500	<1	610	2	355	53
L44700E-74675N	41	12	<10	1.6	930	<1	590	2	170	22
L44700E-74625N	11	61	<10	0.2	1110	<1	540	6	760	79
L44700E-74600N	9	86	10	1.9	840	1	210	3	260	503
L44700E-74575N	14	264	30	0.9	1100	3	30	4	232	135
L44700E-74525N	<1	22	<10	<0.1	160	<1	360	4	10	49
L44700E-74475N	<1	202	<10	<0.1	730	<1	80	32	8	1460
*Rep L44700E-74475N	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L44700E-74450N	1	149	10	<0.1	1660	1	240	48	134	266
L44700E-74425N	5	136	<10	0.1	2950	<1	260	6	888	179
L44700E-74400N	8	210	<10	0.3	1440	<1	370	2	398	41
L44700E-74375N	21	300	20	<0.1	2870	2	60	11	203	82
L44700E-74350N	4	87	20	0.1	1110	2	210	1	1770	119
L44700E-74325N	<1	140	10	<0.1	670	<1	240	65	93	137
L44700E-74300N	<1	22	10	<0.1	130	1	140	9	30	38
L44700E-74275N	3	102	<10	<0.1	3220	1	180	4	265	300
L44700E-74250N	2	288	<10	<0.1	1120	<1	100	25	22	678
L44700E-74225N	2	266	<10	<0.1	940	<1	90	40	111	203
L44700E-74200N	4	109	20	0.1	1160	2	130	3	495	272
L44600E-74750N	23	20	<10	1.9	950	<1	590	2	78	56
*Rep L44600E-74750N	17	20	<10	2.1	1080	<1	620	2	142	101
L44600E-74725N	4	>300	20	<0.1	770	2	20	16	100	284
L44600E-74700N	6	107	<10	3.4	1050	<1	460	46	907	20
L44600E-74675N	4	290	<10	<0.1	1080	<1	110	31	59	193
L44600E-74650N	3	106	10	0.6	1230	<1	270	2	427	70
L44600E-74625N	6	273	<10	<0.1	1040	<1	80	26	15	318
L44600E-74600N	2	211	10	2.4	770	<1	220	74	22	273
L44600E-74550N	17	57	<10	<0.1	1020	<1	290	6	360	35
L44600E-74500N	17	>300	20	<0.1	1670	1	50	14	163	92
L44600E-74475N	<1	22	<10	0.2	530	<1	460	1	18	633
L44600E-74450N	4	33	10	<0.1	650	<1	400	4	516	90
L44600E-74425N	<1	23	<10	<0.1	580	<1	390	11	82	236
L44600E-74400N	3	295	<10	<0.1	520	<1	<10	14	20	135
*Rep L44600E-74400N	3	>300	<10	<0.1	580	<1	<10	11	15	141
L44600E-74375N	31	254	20	<0.1	2240	1	80	15	251	164
L44600E-74325N	<1	7	<10	<0.1	260	<1	360	7	10	37

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Final : TO101068 Order: HOPE LAKE

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
L44600E-74300N	3	51	<10	0.5	700	<1	330	9	357	33
L44600E-74275N	3	46	<10	0.1	1040	<1	180	1	391	90
L44600E-74225N	7	25	10	0.1	900	<1	250	2	415	59
L44600E-74200N	3	242	<10	<0.1	470	1	60	41	338	250
*Std MMISRM16	20	54	20	31.1	80	<1	220	4	24	62
*Std MMISRM16	19	48	20	30.2	80	<1	200	4	21	59
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
L44700E-75000N	100	520	23	9.1	8.3	136	39	340	12	9
*Rep L44700E-75000N	100	520	23	9.4	8.4	132	39	343	13	9
L44700E-74950N	<100	2350	10	12.5	0.6	83	4	6	<5	34
L44700E-74900N	<100	250	10	5.6	1.7	164	9	27	9	8
L44700E-74875N	<100	4520	46	41.9	4.8	52	27	25	<5	29
L44700E-74850N	<100	100	2	0.9	0.7	57	3	15	<5	35
L44700E-74775N	<100	960	7	3.2	2.5	131	11	67	<5	15
L44700E-74700N	<100	260	28	16.9	6.5	29	33	113	9	66
L44700E-74675N	<100	2100	29	13.4	9.1	8	46	77	13	82
L44700E-74625N	<100	2420	13	6.2	5.0	60	24	144	<5	27
L44700E-74600N	<100	2870	8	4.4	2.6	260	13	62	<5	14
L44700E-74575N	200	1430	12	6.1	3.7	454	16	109	29	11
L44700E-74525N	<100	530	1	0.9	<0.5	21	2	4	<5	15
L44700E-74475N	<100	1030	1	3.2	<0.5	152	<1	3	<5	18
*Rep L44700E-74475N	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L44700E-74450N	<100	440	13	7.3	3.0	165	15	49	7	20
L44700E-74425N	<100	200	22	8.5	9.4	54	41	364	<5	65
L44700E-74400N	<100	510	31	16.2	8.2	68	41	193	<5	57
L44700E-74375N	<100	1510	22	11.2	4.4	162	23	97	23	12
L44700E-74350N	<100	850	64	29.0	23.8	221	114	750	<5	20
L44700E-74325N	<100	930	12	7.2	1.9	76	11	20	<5	23
L44700E-74300N	<100	70	4	2.8	0.9	32	4	13	<5	21
L44700E-74275N	<100	340	9	4.2	3.7	126	15	161	<5	33
L44700E-74250N	<100	580	8	6.3	0.8	130	4	10	13	28
L44700E-74225N	<100	830	29	19.3	2.4	127	20	36	7	26
L44700E-74200N	<100	930	17	8.1	6.1	202	27	185	6	17
L44600E-74750N	<100	7470	12	5.8	4.2	11	20	42	<5	12
*Rep L44600E-74750N	<100	12000	12	6.0	4.9	24	23	91	<5	13
L44600E-74725N	<100	560	10	5.8	2.2	214	9	46	18	7
L44600E-74700N	<100	930	123	70.0	29.5	20	136	231	<5	51
L44600E-74675N	<100	570	15	10.7	1.4	122	8	16	7	22
L44600E-74650N	<100	2980	31	15.7	8.2	334	38	203	<5	58
L44600E-74625N	<100	2660	9	6.4	0.9	109	5	6	7	43
L44600E-74600N	<100	890	10	10.3	0.7	216	4	9	<5	44
L44600E-74550N	<100	300	16	6.7	4.9	55	27	148	<5	20
L44600E-74500N	<100	680	15	7.6	3.4	106	16	61	10	5
L44600E-74475N	<100	2230	<1	<0.5	<0.5	49	1	5	<5	33
L44600E-74450N	<100	2700	16	7.1	6.2	135	30	197	<5	19
L44600E-74425N	<100	2340	4	2.3	2.1	63	9	44	<5	18
L44600E-74400N	<100	1010	8	7.1	<0.5	89	3	11	<5	4
*Rep L44600E-74400N	<100	1050	6	6.6	<0.5	86	2	8	<5	4
L44600E-74375N	<100	440	13	6.4	4.2	159	20	129	9	11
L44600E-74325N	<100	200	3	2.4	0.7	7	4	7	<5	20

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Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
L44600E-74300N	<100	26600	59	27.4	36.6	68	143	715	<5	12
L44600E-74275N	<100	870	14	5.9	6.1	52	25	166	<5	10
L44600E-74225N	<100	1250	13	5.8	6.0	49	26	156	<5	26
L44600E-74200N	<100	1060	65	33.0	10.4	118	57	83	8	19
*Std MMISRM16	<100	640	3	1.0	1.2	4	5	6	<5	39
*Std MMISRM16	<100	590	2	1.0	1.1	3	5	5	<5	36
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	1	<5	<1
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	1	<5	<1

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Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44700E-75000N	7	11.5	260	141	240	<1	77	<1	251	<1
*Rep L44700E-75000N	7	11.7	260	148	290	<1	78	<1	263	<1
L44700E-74950N	<5	0.6	8	126	130	<1	2	<1	354	<1
L44700E-74900N	<5	5.8	33	132	420	<1	8	<1	129	<1
L44700E-74875N	<5	<0.5	54	158	100	<1	11	<1	173	<1
L44700E-74850N	6	2.0	14	49	110	<1	3	<1	354	<1
L44700E-74775N	13	9.2	64	54	130	<1	17	<1	380	<1
L44700E-74700N	<5	<0.5	123	241	220	<1	29	<1	226	<1
L44700E-74675N	6	<0.5	139	138	20	<1	29	<1	19	<1
L44700E-74625N	8	2.0	148	73	60	<1	40	<1	53	<1
L44700E-74600N	20	3.6	73	73	50	<1	19	<1	238	<1
L44700E-74575N	16	20.6	87	126	80	<1	24	<1	204	1
L44700E-74525N	<5	<0.5	6	72	120	<1	1	<1	30	<1
L44700E-74475N	<5	0.6	3	238	30	<1	<1	<1	167	<1
*Rep L44700E-74475N	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L44700E-74450N	14	6.3	57	248	290	<1	14	<1	223	<1
L44700E-74425N	<5	3.8	296	211	240	<1	80	<1	298	<1
L44700E-74400N	<5	0.7	192	182	400	<1	47	<1	123	<1
L44700E-74375N	12	14.9	93	178	650	<1	24	<1	281	<1
L44700E-74350N	5	7.0	713	127	240	<1	199	<1	104	<1
L44700E-74325N	<5	1.6	29	274	220	<1	7	<1	367	<1
L44700E-74300N	<5	<0.5	18	79	370	<1	4	<1	109	<1
L44700E-74275N	6	5.8	102	180	170	<1	29	<1	247	<1
L44700E-74250N	<5	4.2	11	247	410	<1	3	<1	377	<1
L44700E-74225N	<5	2.7	61	306	490	<1	13	<1	156	<1
L44700E-74200N	13	8.5	159	133	200	<1	45	<1	221	<1
L44600E-74750N	6	<0.5	66	97	20	<1	14	<1	62	<1
*Rep L44600E-74750N	6	<0.5	112	118	20	<1	28	<1	75	<1
L44600E-74725N	13	11.0	40	94	330	<1	11	<1	142	6
L44600E-74700N	6	<0.5	368	187	390	<1	83	<1	238	<1
L44600E-74675N	6	3.8	23	104	320	<1	5	<1	436	<1
L44600E-74650N	6	1.6	192	301	90	<1	52	<1	39	<1
L44600E-74625N	<5	1.0	11	237	120	<1	2	<1	113	<1
L44600E-74600N	<5	2.7	11	119	250	<1	3	<1	282	<1
L44600E-74550N	<5	3.7	156	63	90	<1	41	<1	219	<1
L44600E-74500N	6	7.9	64	129	370	<1	16	<1	177	<1
L44600E-74475N	20	0.6	7	192	20	<1	2	<1	76	<1
L44600E-74450N	<5	4.1	183	87	100	<1	49	<1	64	2
L44600E-74425N	<5	0.9	54	86	80	<1	14	<1	62	<1
L44600E-74400N	<5	1.5	9	114	230	<1	3	<1	129	<1
*Rep L44600E-74400N	<5	1.0	7	123	160	<1	2	<1	124	<1
L44600E-74375N	6	8.8	109	200	270	<1	30	<1	229	1
L44600E-74325N	<5	<0.5	10	87	450	<1	2	<1	48	<1

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Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44600E-74300N	7	0.7	1060	37	<10	<1	267	<1	253	<1
L44600E-74275N	7	3.3	158	43	110	<1	43	<1	204	<1
L44600E-74225N	7	4.1	172	50	80	<1	44	<1	65	<1
L44600E-74200N	<5	2.7	172	317	780	<1	37	<1	288	<1
*Std MMISRM16	58	<0.5	18	243	110	26	3	<1	327	<1
*Std MMISRM16	56	<0.5	17	226	110	25	3	<1	313	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Final : TO101068 Order: HOPE LAKE

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44700E-75000N	40	43	1	120	<1	5	<10	75.2	2800	0.7
*Rep L44700E-75000N	43	43	1	110	<1	5	<10	72.9	2830	0.8
L44700E-74950N	11	2	<1	210	<1	<1	<10	11.1	149	<0.5
L44700E-74900N	20	7	<1	130	<1	2	<10	32.5	1440	<0.5
L44700E-74875N	130	17	<1	430	<1	6	<10	21.4	44	<0.5
L44700E-74850N	5	3	<1	360	<1	<1	<10	6.5	291	<0.5
L44700E-74775N	15	11	<1	280	<1	1	<10	41.4	1690	<0.5
L44700E-74700N	38	28	<1	1280	<1	5	<10	48.6	14	<0.5
L44700E-74675N	7	37	<1	980	<1	6	<10	37.5	<3	<0.5
L44700E-74625N	13	26	<1	710	<1	3	<10	40.3	57	<0.5
L44700E-74600N	26	13	<1	250	<1	2	<10	37.1	729	1.5
L44700E-74575N	65	16	3	130	1	2	<10	63.6	7080	0.9
L44700E-74525N	<5	1	<1	270	<1	<1	<10	1.3	34	<0.5
L44700E-74475N	13	<1	<1	170	<1	<1	<10	5.5	275	0.8
*Rep L44700E-74475N	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L44700E-74450N	33	13	1	360	<1	2	<10	23.7	2970	0.6
L44700E-74425N	21	45	<1	770	<1	5	<10	45.3	1360	0.5
L44700E-74400N	47	36	<1	810	<1	6	<10	91.5	87	0.6
L44700E-74375N	50	20	1	330	<1	4	<10	102	3710	0.8
L44700E-74350N	54	121	<1	370	<1	15	<10	128	1250	<0.5
L44700E-74325N	27	8	<1	250	<1	2	<10	30.8	730	0.7
L44700E-74300N	<5	4	<1	150	<1	<1	<10	9.4	56	<0.5
L44700E-74275N	20	16	<1	670	<1	2	<10	19.7	2140	0.7
L44700E-74250N	15	3	<1	330	<1	<1	<10	15.7	1600	0.8
L44700E-74225N	24	15	<1	250	<1	4	<10	29.0	1440	0.7
L44700E-74200N	36	28	<1	250	<1	4	<10	90.5	2190	1.1
L44600E-74750N	6	16	<1	710	<1	2	<10	10.4	5	0.5
*Rep L44600E-74750N	11	22	<1	740	<1	3	<10	14.3	<3	0.6
L44600E-74725N	49	8	1	100	<1	2	<10	26.8	2810	1.0
L44600E-74700N	60	101	<1	910	<1	21	<10	26.1	17	0.5
L44600E-74675N	36	6	<1	270	<1	2	<10	36.1	1670	1.1
L44600E-74650N	82	37	<1	640	<1	6	<10	115	283	<0.5
L44600E-74625N	13	3	<1	290	<1	1	<10	9.8	957	<0.5
L44600E-74600N	31	3	<1	360	<1	<1	<10	19.4	1230	0.6
L44600E-74550N	7	29	<1	410	<1	4	<10	36.1	685	<0.5
L44600E-74500N	47	14	<1	110	<1	3	<10	52.7	2350	0.7
L44600E-74475N	<5	1	<1	680	<1	<1	<10	16.8	16	<0.5
L44600E-74450N	20	32	<1	620	<1	4	<10	27.9	588	<0.5
L44600E-74425N	<5	9	<1	850	<1	1	<10	4.8	73	<0.5
L44600E-74400N	12	2	<1	30	<1	<1	<10	14.1	572	<0.5
*Rep L44600E-74400N	10	2	<1	30	<1	<1	<10	11.0	454	0.5
L44600E-74375N	18	20	<1	260	<1	3	<10	33.5	1960	0.5
L44600E-74325N	<5	3	<1	340	<1	<1	<10	0.7	20	<0.5

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Final : TO101068 Order: HOPE LAKE

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44600E-74300N	51	180	<1	610	<1	16	<10	23.3	61	1.1
L44600E-74275N	10	27	<1	260	<1	3	<10	54.9	784	0.6
L44600E-74225N	8	29	<1	340	<1	3	<10	59.8	621	<0.5
L44600E-74200N	55	43	<1	160	<1	11	<10	76.0	953	<0.5
*Std MMISRM16	9	5	<1	470	<1	<1	<10	36.0	10	<0.5
*Std MMISRM16	9	5	<1	450	<1	<1	<10	35.4	11	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO101068 Order: HOPE LAKE

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L44700E-75000N	19	2	96	7	430	66
*Rep L44700E-75000N	18	2	97	7	480	74
L44700E-74950N	10	<1	62	13	6140	15
L44700E-74900N	7	<1	48	4	1410	28
L44700E-74875N	26	<1	339	45	650	23
L44700E-74850N	3	<1	9	<1	80	10
L44700E-74775N	12	2	31	3	160	41
L44700E-74700N	36	<1	143	14	60	32
L44700E-74675N	39	<1	134	9	<20	7
L44700E-74625N	40	<1	65	5	70	17
L44700E-74600N	23	2	41	4	40	32
L44700E-74575N	17	4	53	5	140	85
L44700E-74525N	4	<1	9	<1	190	<5
L44700E-74475N	2	<1	8	8	1770	11
*Rep L44700E-74475N	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L44700E-74450N	7	<1	67	6	2690	34
L44700E-74425N	8	<1	100	5	100	34
L44700E-74400N	15	<1	175	11	50	49
L44700E-74375N	23	3	106	8	260	66
L44700E-74350N	59	1	300	21	50	76
L44700E-74325N	8	<1	56	6	3050	25
L44700E-74300N	3	<1	25	3	830	10
L44700E-74275N	5	<1	42	3	80	24
L44700E-74250N	5	<1	46	5	1390	22
L44700E-74225N	7	<1	165	15	2360	23
L44700E-74200N	28	1	79	6	110	78
L44600E-74750N	22	<1	65	5	<20	7
*Rep L44600E-74750N	25	<1	69	5	<20	10
L44600E-74725N	8	2	46	5	710	47
L44600E-74700N	56	<1	639	53	1280	21
L44600E-74675N	11	1	85	9	1420	31
L44600E-74650N	83	<1	152	12	140	57
L44600E-74625N	3	1	54	5	2370	10
L44600E-74600N	9	3	58	10	5940	32
L44600E-74550N	13	<1	68	5	250	20
L44600E-74500N	13	2	70	5	1560	62
L44600E-74475N	19	<1	<5	<1	230	<5
L44600E-74450N	13	<1	80	6	110	25
L44600E-74425N	10	<1	26	2	210	<5
L44600E-74400N	6	<1	42	6	1000	17
*Rep L44600E-74400N	6	<1	34	7	870	13
L44600E-74375N	9	<1	67	5	430	44
L44600E-74325N	2	<1	22	2	550	<5

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Final : TO101068 Order: HOPE LAKE

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L44600E-74300N	93	<1	327	25	40	18
L44600E-74275N	16	<1	62	5	60	33
L44600E-74225N	18	1	61	4	20	31
L44600E-74200N	30	<1	317	22	810	30
*Std MMISRM16	52	<1	11	<1	260	15
*Std MMISRM16	49	<1	10	<1	240	14
*Blk BLANK	<1	<1	<5	<1	<20	<5
*Blk BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO101069

To: **Geotronics Consulting Inc.**
Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Sep 11, 2008

P.O. No. : HOPE LAKE
Project No. : DEFAULT
No. Of Samples : 9
Date Submitted : Jun 16, 2008
Report Comprises : Pages 1 to 6
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 9 Soils

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Order: HOPE LAKE

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
L44500E-74675N	8	165	10	0.2	760	<1	160	11	228	32
*Rep L44500E-74675N	7	164	10	0.2	740	<1	150	11	220	29
L44500E-74650N	12	87	<10	0.3	890	<1	270	14	362	18
L44500E-74575N	46	144	<10	20.3	1130	1	190	3	704	108
L44500E-74500N	25	15	<10	1.0	1280	<1	660	1	810	176
L44500E-74450N	6	130	10	0.4	2620	1	120	2	686	42
L44500E-74375N	5	83	<10	<0.1	1160	<1	310	3	575	457
L44500E-74350N	12	8	<10	0.2	390	<1	400	2	15	11
L44500E-74275N	14	148	<10	0.1	6690	<1	460	7	2380	47
L44500E-74250N	2	88	<10	<0.1	1510	<1	390	10	141	149
*Std MMISRM16	15	33	10	23.1	70	<1	200	3	16	40
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Order: HOPE LAKE

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
L44500E-74675N	<100	330	15	7.1	5.0	84	23	109	6	13
*Rep L44500E-74675N	<100	330	15	6.8	5.0	82	21	105	6	13
L44500E-74650N	<100	150	13	5.4	5.2	26	22	90	<5	21
L44500E-74575N	<100	1600	36	15.5	13.7	79	60	368	<5	25
L44500E-74500N	<100	3180	18	8.4	8.2	30	38	236	<5	19
L44500E-74450N	<100	2120	22	9.0	8.4	82	37	339	<5	13
L44500E-74375N	<100	650	18	8.3	6.9	99	31	216	<5	37
L44500E-74350N	<100	2200	32	21.9	3.6	6	28	28	16	24
L44500E-74275N	<100	340	72	31.2	38.9	22	156	1140	<5	82
L44500E-74250N	<100	5920	9	4.9	2.6	63	13	59	<5	25
*Std MMISRM16	<100	470	2	0.6	0.8	3	4	5	<5	34
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Order: HOPE LAKE

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44500E-74675N	14	5.6	108	84	260	<1	28	<1	82	2
*Rep L44500E-74675N	13	5.3	107	85	260	<1	28	<1	83	2
L44500E-74650N	<5	0.8	103	112	100	<1	25	<1	164	1
L44500E-74575N	11	3.4	317	71	9780	<1	88	<1	128	1
L44500E-74500N	7	0.8	265	106	20	<1	73	<1	76	2
L44500E-74450N	12	10.5	245	50	220	<1	70	<1	205	<1
L44500E-74375N	6	2.3	214	126	100	<1	60	<1	234	2
L44500E-74350N	<5	<0.5	40	354	30	<1	8	<1	26	<1
L44500E-74275N	<5	<0.5	1100	389	160	<1	289	<1	58	<1
L44500E-74250N	<5	<0.5	64	323	80	<1	17	<1	292	<1
*Std MMISRM16	45	<0.5	14	146	70	19	3	<1	297	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Order: HOPE LAKE

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44500E-74675N	26	21	<1	150	<1	3	<10	26.2	1880	<0.5
*Rep L44500E-74675N	25	21	<1	150	<1	3	<10	24.5	1760	<0.5
L44500E-74650N	6	21	<1	550	<1	3	<10	10.7	258	<0.5
L44500E-74575N	48	59	<1	350	<1	8	<10	60.1	1230	0.9
L44500E-74500N	12	44	<1	440	<1	5	<10	114	17	<0.5
L44500E-74450N	32	40	<1	470	<1	5	<10	95.7	2830	1.3
L44500E-74375N	23	34	<1	560	<1	4	<10	37.7	454	0.7
L44500E-74350N	<5	12	<1	770	<1	4	<10	10.4	<3	<0.5
L44500E-74275N	103	172	<1	2380	<1	18	<10	88.0	28	<0.5
L44500E-74250N	19	12	<1	390	<1	2	<10	9.9	47	<0.5
*Std MMISRM16	6	4	<1	450	<1	<1	<10	25.0	7	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	4	<0.5

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Order: HOPE LAKE

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L44500E-74675N	11	1	69	5	270	29
*Rep L44500E-74675N	11	1	68	5	260	28
L44500E-74650N	8	<1	58	4	450	12
L44500E-74575N	15	4	180	12	60	39
L44500E-74500N	47	<1	92	7	<20	18
L44500E-74450N	16	4	101	7	210	72
L44500E-74375N	49	<1	88	7	150	28
L44500E-74350N	10	<1	164	15	30	<5
L44500E-74275N	21	<1	352	21	110	24
L44500E-74250N	13	<1	55	4	110	9
*Std MMISRM16	38	<1	7	<1	200	13
*Bik BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO101484

To: **Geotronics Consulting Inc.**
Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Aug 12, 2008

P.O. No. :
Project No. : HOPE LAKE
No. Of Samples : 33
Date Submitted : Jul 07, 2008
Report Comprises : Pages 1 to 6
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 33 Soils

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Order:

Element Method	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Det.Lim.	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
L44300E-74275N	5	273	20	<0.1	1200	<1	110	17	243	151
*Rep L44300E-74275N	3	266	20	<0.1	1350	<1	110	17	221	162
L44300E-74325N	2	208	<10	0.7	1030	<1	60	14	111	632
L44300E-74340N	12	42	<10	2.0	490	<1	480	17	21	69
L44300E-74375N	<1	11	<10	<0.1	180	<1	240	3	19	140
L44300E-74400N	1	10	<10	0.3	70	<1	400	21	<5	<5
L44300E-74425N	26	18	<10	2.3	350	<1	570	2	<5	310
L44300E-74450N	16	44	<10	1.0	770	<1	520	<1	438	33
L44300E-74500N	13	56	<10	0.5	920	<1	780	2	166	225
L44300E-74675N	21	69	<10	0.2	720	<1	460	4	51	88
L44300E-74700N	<1	276	<10	<0.1	910	<1	30	21	110	725
L44400E-74350N	<1	>300	<10	<0.1	2270	<1	210	6	21	279
L44400E-74380N	6	20	<10	0.5	510	<1	330	2	202	37
L44400E-74550N	26	91	<10	9.8	1050	<1	380	2	232	142
*Rep L44400E-74550N	23	77	<10	9.7	1020	<1	380	2	212	131
L44400E-74575N	<1	59	<10	5.7	1470	<1	360	3	87	678
L44400E-74600N	<1	55	20	<0.1	640	2	290	67	47	148
L44400E-74675N	15	31	<10	0.6	440	<1	390	2	17	88
L44000E-74300N	10	88	<10	0.5	410	<1	310	12	190	44
L44000E-74325N	7	259	<10	0.2	440	<1	120	9	50	95
L44100E-74300N	5	50	<10	0.4	610	<1	390	6	497	120
L44100E-74325N	8	>300	20	1.1	1600	2	110	2	640	154
L44200E-74325N	5	246	10	2.1	780	2	130	23	159	41
L44200E-74350N	10	188	20	1.0	900	6	30	1	55	65
L43300E-74770N	<1	51	<10	<0.1	580	<1	550	44	138	32
L43300E-74800N	33	17	<10	0.1	620	<1	590	5	11	694
L43400E-74650N	4	74	10	<0.1	520	<1	340	5	133	143
*Rep L43400E-74650N	5	78	10	<0.1	570	<1	330	6	146	107
L43400E-74675N	4	296	<10	<0.1	640	1	70	2	136	131
L43600E-74425N	19	103	40	0.2	980	5	130	3	183	148
L43600E-74450N	4	144	40	<0.1	2110	3	100	9	96	183
L43700E-74350N	7	>300	30	<0.1	1680	<1	20	10	110	151
L43800E-74350N	10	38	<10	0.5	510	<1	470	4	116	197
L43800E-74375N	14	84	<10	0.4	590	<1	500	10	184	7
L43900E-74350N	3	31	<10	0.6	420	<1	100	2	390	50
L43900E-74375N	36	62	<10	0.4	1080	<1	550	2	332	198
*Std MMISRM16	18	50	20	32.7	60	<1	210	4	19	63
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Order:

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
L44300E-74275N	200	1320	15	7.9	3.6	110	18	66	15	12
*Rep L44300E-74275N	100	1330	14	7.8	3.2	101	16	61	14	13
L44300E-74325N	<100	1600	16	9.2	2.2	112	11	40	<5	15
L44300E-74340N	<100	3680	10	10.6	0.9	7	6	9	<5	133
L44300E-74375N	<100	340	<1	<0.5	<0.5	27	1	7	<5	19
L44300E-74400N	<100	160	<1	<0.5	<0.5	6	<1	<1	8	18
L44300E-74425N	<100	5330	3	2.3	<0.5	8	2	<1	<5	15
L44300E-74450N	<100	1440	80	66.1	14.5	7	88	208	13	119
L44300E-74500N	<100	780	7	3.1	2.6	21	13	56	<5	81
L44300E-74675N	<100	2380	4	2.3	1.4	21	7	29	<5	14
L44300E-74700N	<100	920	22	15.8	2.2	147	12	42	9	12
L44400E-74350N	<100	340	2	4.8	<0.5	80	1	13	33	43
L44400E-74380N	<100	1520	14	6.2	5.1	28	28	67	<5	13
L44400E-74550N	<100	3150	22	10.7	7.1	53	35	133	<5	47
*Rep L44400E-74550N	<100	2870	19	9.5	6.6	52	32	120	<5	45
L44400E-74575N	<100	710	5	3.1	1.6	37	8	33	<5	83
L44400E-74600N	<100	50	5	3.2	1.0	42	6	13	5	42
L44400E-74675N	<100	1850	4	3.1	0.8	9	4	8	<5	38
L44000E-74300N	<100	3300	15	6.7	6.2	22	31	120	<5	9
L44000E-74325N	<100	650	15	8.0	2.2	64	12	22	<5	15
L44100E-74300N	<100	4810	17	7.8	8.1	60	38	264	<5	24
L44100E-74325N	100	1060	23	10.1	7.4	172	32	186	16	13
L44200E-74325N	<100	560	19	9.0	4.2	77	20	66	<5	10
L44200E-74350N	<100	2130	4	2.8	0.9	365	5	31	8	16
L43300E-74770N	<100	110	15	7.2	4.2	15	21	50	6	30
L43300E-74800N	<100	1570	4	2.5	0.7	14	4	2	13	33
L43400E-74650N	<100	5480	7	3.3	2.1	121	11	55	<5	12
*Rep L43400E-74650N	<100	5670	7	3.6	2.3	128	11	62	<5	11
L43400E-74675N	100	970	12	6.6	3.1	127	15	56	22	5
L43600E-74425N	300	490	7	3.0	2.1	216	11	69	11	14
L43600E-74450N	200	350	7	3.5	1.7	149	9	39	12	16
L43700E-74350N	200	320	7	3.5	1.8	176	9	43	24	8
L43800E-74350N	<100	8900	10	4.5	4.0	42	18	33	<5	10
L43800E-74375N	<100	470	10	4.0	3.1	17	15	38	<5	20
L43900E-74350N	<100	910	29	11.2	14.3	10	72	366	<5	6
L43900E-74375N	<100	2640	11	4.9	4.1	31	20	98	<5	28
*Std MMISRM16	<100	680	2	0.7	0.9	2	4	5	<5	32
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Order:

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44300E-74275N	11	6.8	72	478	170	<1	18	<1	191	2
*Rep L44300E-74275N	11	6.8	67	491	150	<1	17	<1	189	2
L44300E-74325N	<5	0.9	45	392	200	<1	11	<1	180	1
L44300E-74340N	63	0.6	15	667	80	<1	3	<1	8	<1
L44300E-74375N	6	<0.5	9	79	50	<1	2	<1	23	<1
L44300E-74400N	13	<0.5	<1	132	50	<1	<1	<1	117	<1
L44300E-74425N	437	<0.5	<1	192	10	<1	<1	<1	21	1
L44300E-74450N	24	<0.5	286	702	80	<1	64	<1	26	<1
L44300E-74500N	11	<0.5	65	116	<10	<1	16	<1	21	<1
L44300E-74675N	<5	<0.5	37	86	<10	<1	9	<1	80	<1
L44300E-74700N	<5	2.0	45	117	110	<1	11	<1	247	1
L44400E-74350N	<5	<0.5	8	169	<10	<1	2	<1	175	<1
L44400E-74380N	12	2.1	130	69	10	<1	27	<1	18	<1
L44400E-74550N	17	<0.5	178	141	40	<1	42	<1	154	2
*Rep L44400E-74550N	18	<0.5	160	129	40	<1	37	<1	149	2
L44400E-74575N	25	<0.5	44	244	40	<1	11	<1	139	<1
L44400E-74600N	<5	1.7	20	71	690	<1	5	<1	79	<1
L44400E-74675N	6	<0.5	16	84	10	<1	3	<1	29	<1
L44000E-74300N	11	0.8	165	155	60	<1	37	<1	50	1
L44000E-74325N	<5	<0.5	35	145	140	<1	8	<1	67	<1
L44100E-74300N	17	1.9	276	284	80	<1	71	<1	73	<1
L44100E-74325N	15	15.8	157	89	270	<1	41	<1	152	<1
L44200E-74325N	12	3.3	79	136	860	<1	19	<1	184	<1
L44200E-74350N	16	6.1	24	115	60	<1	7	<1	103	<1
L43300E-74770N	<5	<0.5	71	220	410	<1	17	<1	42	<1
L43300E-74800N	6	<0.5	7	639	30	<1	1	<1	228	<1
L43400E-74650N	12	4.2	61	146	50	<1	15	<1	124	1
*Rep L43400E-74650N	11	5.0	67	151	60	<1	17	<1	126	1
L43400E-74675N	14	10.5	59	87	300	<1	14	<1	210	<1
L43600E-74425N	23	24.5	57	101	90	<1	15	<1	151	3
L43600E-74450N	27	13.3	43	196	100	<1	11	<1	126	2
L43700E-74350N	7	12.0	36	167	220	<1	10	<1	195	2
L43800E-74350N	42	1.2	96	216	20	<1	20	<1	95	<1
L43800E-74375N	11	<0.5	60	127	20	<1	13	<1	59	<1
L43900E-74350N	<5	1.5	479	40	30	<1	110	<1	41	<1
L43900E-74375N	21	<0.5	121	91	<10	<1	31	<1	84	<1
*Std MMISRM16	84	<0.5	14	225	60	27	3	<1	309	<1
*Blk BLANK	<5	<0.5	2	<5	<10	<1	<1	<1	<5	<1

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Order:

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44300E-74275N	45	17	1	160	<1	3	<10	58.4	2310	0.8
*Rep L44300E-74275N	44	15	2	150	<1	3	<10	52.6	2200	0.8
L44300E-74325N	31	10	<1	230	<1	2	<10	28.2	347	0.9
L44300E-74340N	9	4	<1	1060	<1	1	<10	17.6	<3	<0.5
L44300E-74375N	<5	2	<1	320	<1	<1	<10	2.5	46	<0.5
L44300E-74400N	<5	<1	<1	560	<1	<1	<10	<0.5	<3	<0.5
L44300E-74425N	7	<1	<1	480	<1	<1	<10	7.8	<3	<0.5
L44300E-74450N	15	63	<1	1520	<1	13	<10	71.5	<3	0.6
L44300E-74500N	6	12	<1	1260	<1	2	<10	47.7	7	<0.5
L44300E-74675N	6	7	<1	460	<1	<1	<10	18.0	11	<0.5
L44300E-74700N	42	10	<1	110	<1	3	<10	36.4	622	0.8
L44400E-74350N	57	1	<1	1280	<1	<1	<10	26.3	15	0.7
L44400E-74380N	14	28	<1	550	<1	3	<10	53.3	319	<0.5
L44400E-74550N	40	33	<1	600	<1	4	<10	52.3	345	1.4
*Rep L44400E-74550N	35	31	<1	570	<1	4	<10	49.3	366	1.4
L44400E-74575N	19	8	<1	1260	<1	1	<10	11.2	16	1.2
L44400E-74600N	17	5	<1	820	<1	<1	<10	10.1	420	<0.5
L44400E-74675N	10	4	<1	950	<1	<1	<10	13.5	<3	<0.5
L44000E-74300N	13	32	<1	280	<1	4	<10	50.3	221	<0.5
L44000E-74325N	32	9	<1	250	<1	2	<10	11.0	372	<0.5
L44100E-74300N	12	42	<1	660	<1	4	<10	72.1	90	<0.5
L44100E-74325N	52	31	2	330	<1	5	<10	114	5010	1.1
L44200E-74325N	29	18	<1	290	<1	3	<10	53.4	1040	0.8
L44200E-74350N	19	5	1	130	<1	<1	<10	19.2	1640	1.1
L43300E-74770N	<5	18	<1	670	<1	3	<10	11.5	<3	<0.5
L43300E-74800N	<5	3	<1	710	<1	<1	<10	39.4	<3	<0.5
L43400E-74650N	15	11	<1	260	<1	1	<10	24.6	756	0.7
*Rep L43400E-74650N	15	12	<1	250	<1	1	<10	26.8	1010	0.8
L43400E-74675N	53	13	2	70	<1	2	<10	34.9	4460	0.8
L43600E-74425N	32	10	4	330	1	1	<10	44.5	7550	0.8
L43600E-74450N	40	9	3	360	<1	1	<10	26.5	4360	0.7
L43700E-74350N	41	8	2	110	<1	1	<10	30.4	4550	0.9
L43800E-74350N	7	20	<1	750	<1	2	<10	35.5	25	<0.5
L43800E-74375N	9	14	<1	1060	<1	2	<10	44.4	36	<0.5
L43900E-74350N	18	83	<1	310	<1	8	<10	54.4	229	<0.5
L43900E-74375N	13	21	<1	1080	<1	3	<10	82.1	10	1.2
*Std MMISRM16	8	4	<1	450	<1	<1	<10	22.9	<3	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Order:

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L44300E-74275N	19	<1	74	7	490	103
*Rep L44300E-74275N	14	2	71	7	440	91
L44300E-74325N	9	<1	79	8	530	35
L44300E-74340N	173	<1	53	11	60	19
L44300E-74375N	3	<1	5	<1	320	<5
L44300E-74400N	5	<1	<5	<1	490	<5
L44300E-74425N	10	<1	16	2	20	7
L44300E-74450N	56	<1	377	60	50	24
L44300E-74500N	23	<1	36	2	40	15
L44300E-74675N	17	<1	26	2	100	13
L44300E-74700N	13	<1	114	15	700	29
L44400E-74350N	14	<1	13	10	140	19
L44400E-74380N	35	<1	69	5	40	33
L44400E-74550N	53	1	113	10	40	50
*Rep L44400E-74550N	46	2	101	8	40	47
L44400E-74575N	37	<1	35	3	280	10
L44400E-74600N	7	<1	25	3	3590	22
L44400E-74675N	53	<1	21	3	30	10
L44000E-74300N	32	<1	73	5	130	28
L44000E-74325N	5	<1	83	6	270	15
L44100E-74300N	38	<1	98	7	150	25
L44100E-74325N	38	3	102	8	160	125
L44200E-74325N	22	<1	90	7	490	61
L44200E-74350N	12	<1	21	3	100	37
L43300E-74770N	17	<1	82	6	1180	10
L43300E-74800N	16	<1	20	2	30	15
L43400E-74650N	11	<1	36	3	80	24
*Rep L43400E-74650N	12	<1	39	3	90	28
L43400E-74675N	18	2	61	6	210	67
L43600E-74425N	13	3	30	2	130	60
L43600E-74450N	12	1	36	3	120	55
L43700E-74350N	10	1	32	3	810	71
L43800E-74350N	31	<1	53	4	20	11
L43800E-74375N	30	<1	47	3	150	23
L43900E-74350N	22	1	143	8	90	34
L43900E-74375N	72	<1	52	4	30	24
*Std MMISRM16	54	<1	9	<1	300	16
*Blk BLANK	<1	<1	<5	<1	20	<5

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Certificate of Analysis

Work Order: TO102836

To: **Geotronics Consulting Inc.**
Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Sep 09, 2008

P.O. No.
Project No. HOPE LAKE
No. Of Samples 22
Date Submitted Sep 02, 2008
Report Comprises Pages 1 to 6
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 22 Soils

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Order:

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
L44600E-74825N	1	222	<10	<0.1	1910	<1	180	34	8	530
*Rep L44600E-74825N	2	244	<10	<0.1	1380	<1	120	60	14	475
L44600E-74800N	28	230	10	0.1	1100	<1	230	3	326	53
L44600E-74775N	12	81	<10	0.4	2680	<1	910	<1	160	23
L44600E-74750N	3	110	<10	0.7	2710	<1	390	4	61	269
L44600E-74725N	7	>300	30	0.2	2960	2	80	9	216	174
L44600E-74700N	16	237	40	0.2	2320	2	170	8	600	233
L44600E-74675N	13	260	40	1.1	1500	4	180	7	784	113
L44500E-74750N	2	105	<10	<0.1	700	<1	670	32	77	22
L44500E-74725N	5	57	<10	0.2	700	<1	680	11	207	191
L44500E-74700N	8	>300	<10	0.7	2390	<1	70	8	14	181
L44500E-74675N	2	215	<10	<0.1	1410	<1	110	81	9	304
L44500E-74650N	16	98	10	0.6	1080	<1	270	14	210	93
L44500E-74625N	3	232	<10	<0.1	540	<1	80	60	14	279
*Rep L44500E-74625N	2	200	<10	<0.1	630	<1	110	32	9	322
L44500E-74600N	23	282	20	1.7	1150	2	70	22	172	587
L44500E-74575N	3	195	<10	1.2	730	<1	140	6	14	198
L44500E-74550N	20	>300	20	10.4	1130	<1	20	20	77	650
L44500E-74525N	22	98	<10	1.9	640	<1	410	10	82	345
L44500E-74425N	2	32	<10	0.3	890	<1	590	12	140	158
L44500E-74375N	11	84	<10	0.4	2350	<1	840	1	541	226
L44500E-74350N	20	24	<10	<0.1	670	<1	690	6	73	18
L44500E-74325N	5	95	<10	0.3	1930	<1	940	<1	492	67
L44500E-74300N	2	>300	10	<0.1	790	1	<10	9	126	109
*Std MMISRM16	26	79	20	34.1	60	<1	260	5	23	85
*Blk BLANK	<1	2	<10	<0.1	<10	<1	<10	<1	<5	<5

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Order:

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
L44600E-74825N	<100	370	2	4.0	<0.5	266	<1	4	<5	34
*Rep L44600E-74825N	<100	560	8	7.6	0.6	270	2	6	<5	25
L44600E-74800N	200	510	16	6.3	5.6	94	22	126	7	16
L44600E-74775N	<100	540	19	10.8	5.3	26	25	93	<5	64
L44600E-74750N	<100	2370	9	9.5	1.3	172	5	14	<5	42
L44600E-74725N	100	940	15	7.0	4.3	202	18	90	5	8
L44600E-74700N	300	700	18	8.4	5.9	329	25	156	11	23
L44600E-74675N	200	1190	29	11.8	9.6	175	40	182	<5	12
L44500E-74750N	<100	730	14	10.0	2.1	9	13	14	<5	22
L44500E-74725N	<100	40800	7	4.2	2.6	63	11	48	<5	11
L44500E-74700N	<100	440	3	6.5	<0.5	79	1	7	5	23
L44500E-74675N	<100	390	4	7.4	<0.5	226	1	3	<5	28
L44500E-74650N	<100	190	11	4.6	4.3	65	17	86	<5	16
L44500E-74625N	<100	5880	10	14.7	<0.5	121	2	5	<5	16
*Rep L44500E-74625N	<100	4170	4	9.8	<0.5	111	<1	3	<5	21
L44500E-74600N	200	870	13	7.9	3.6	292	15	52	15	17
L44500E-74575N	<100	2000	<1	<0.5	<0.5	445	<1	9	6	37
L44500E-74550N	200	1930	30	17.9	3.1	189	16	29	11	12
L44500E-74525N	<100	2180	9	5.2	2.5	81	12	36	<5	23
L44500E-74425N	<100	1760	6	3.5	2.2	79	9	57	<5	23
L44500E-74375N	100	620	49	30.7	10.9	22	55	175	14	101
L44500E-74350N	<100	2280	46	33.2	7.5	8	43	66	15	40
L44500E-74325N	100	990	28	15.2	6.8	28	34	219	<5	80
L44500E-74300N	<100	380	17	8.8	3.0	107	15	56	14	4
*Std MMISRM16	100	780	4	1.6	1.6	3	7	5	<5	39
*Bik BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Order:

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44600E-74825N	<5	1.7	4	158	50	<1	<1	<1	333	<1
*Rep L44600E-74825N	<5	2.1	8	226	100	<1	2	<1	319	<1
L44600E-74800N	11	7.1	115	106	120	<1	30	<1	236	<1
L44600E-74775N	<5	0.6	90	197	130	<1	21	<1	94	<1
L44600E-74750N	6	<0.5	18	242	10	<1	4	<1	165	<1
L44600E-74725N	29	9.9	84	135	410	<1	21	<1	167	<1
L44600E-74700N	59	17.8	138	187	260	<1	37	<1	137	1
L44600E-74675N	22	10.1	203	142	300	<1	52	<1	138	<1
L44500E-74750N	<5	<0.5	26	143	80	<1	5	<1	531	<1
L44500E-74725N	11	1.3	65	78	20	<1	16	<1	140	<1
L44500E-74700N	<5	<0.5	6	91	60	<1	2	<1	122	<1
L44500E-74675N	<5	0.8	4	49	60	<1	<1	<1	149	<1
L44500E-74650N	15	2.8	84	119	130	<1	22	<1	159	<1
L44500E-74625N	<5	<0.5	5	113	60	<1	1	<1	139	<1
*Rep L44500E-74625N	<5	<0.5	3	102	20	<1	<1	<1	138	<1
L44500E-74600N	7	4.2	68	204	360	<1	16	<1	272	<1
L44500E-74575N	<5	<0.5	5	85	10	<1	1	<1	78	<1
L44500E-74550N	8	3.8	40	196	440	<1	9	<1	190	<1
L44500E-74525N	7	0.8	47	146	60	<1	10	<1	394	<1
L44500E-74425N	20	1.5	63	120	210	<1	17	<1	44	<1
L44500E-74375N	<5	<0.5	210	334	90	<1	49	<1	199	<1
L44500E-74350N	<5	<0.5	107	864	60	<1	22	<1	85	<1
L44500E-74325N	<5	<0.5	163	183	170	<1	40	<1	177	<1
L44500E-74300N	<5	4.8	57	193	480	<1	14	<1	258	<1
*Std MMISRM16	62	<0.5	19	343	170	35	3	<1	371	<1
*Bik BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Order:

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44600E-74825N	24	<1	2	260	2	<1	<10	9.6	194	0.6
*Rep L44600E-74825N	28	2	1	180	1	<1	<10	11.1	758	0.6
L44600E-74800N	43	23	1	300	1	3	<10	71.5	2760	1.2
L44600E-74775N	29	20	<1	1320	<1	3	<10	31.8	15	0.7
L44600E-74750N	57	4	<1	1120	<1	<1	<10	24.6	18	2.3
L44600E-74725N	53	19	1	310	1	3	<10	50.3	4210	0.8
L44600E-74700N	65	27	2	420	2	4	<10	68.4	5310	<0.5
L44600E-74675N	47	44	1	300	1	6	<10	162	2560	0.8
L44500E-74750N	43	9	<1	530	<1	2	<10	8.9	21	0.5
L44500E-74725N	29	12	<1	310	<1	1	<10	17.6	36	1.1
L44500E-74700N	35	1	<1	380	<1	<1	<10	10.5	47	1.0
L44500E-74675N	33	<1	<1	290	<1	<1	<10	10.8	262	0.7
L44500E-74650N	17	17	<1	500	<1	2	<10	14.8	1220	0.7
L44500E-74625N	31	1	<1	180	<1	<1	<10	7.9	198	0.6
*Rep L44500E-74625N	29	<1	<1	260	<1	<1	<10	5.4	108	0.6
L44500E-74600N	90	15	2	190	<1	2	<10	31.6	3410	0.7
L44500E-74575N	7	<1	<1	330	<1	<1	<10	3.1	147	0.5
L44500E-74550N	150	12	2	70	<1	4	<10	29.6	6290	0.9
L44500E-74525N	24	10	<1	260	<1	2	<10	8.2	587	<0.5
L44500E-74425N	19	11	<1	480	<1	1	<10	21.2	129	<0.5
L44500E-74375N	59	46	<1	1320	<1	8	<10	50.5	24	<0.5
L44500E-74350N	10	30	<1	970	<1	7	<10	10.0	8	<0.5
L44500E-74325N	48	29	<1	1250	<1	5	<10	52.1	14	<0.5
L44500E-74300N	42	13	2	60	<1	3	<10	30.1	2140	0.7
*Std MMISRM16	20	6	<1	510	<1	<1	<10	36.6	7	<0.5
*Blk BLANK	<5	<1	<1	10	<1	<1	<10	<0.5	<3	<0.5

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Order:

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L44600E-74825N	4	4	11	7	2490	20
*Rep L44600E-74825N	6	1	43	7	3060	31
L44600E-74800N	12	2	67	5	260	98
L44600E-74775N	20	1	107	8	20	45
L44600E-74750N	30	<1	49	8	30	18
L44600E-74725N	10	4	72	5	360	87
L44600E-74700N	12	2	82	7	660	91
L44600E-74675N	22	4	108	9	300	130
L44500E-74750N	8	<1	78	11	1610	15
L44500E-74725N	6	<1	47	6	30	15
L44500E-74700N	6	<1	16	11	210	11
L44500E-74675N	5	<1	24	9	7370	23
L44500E-74650N	7	1	49	3	670	31
L44500E-74625N	3	<1	50	16	3140	14
*Rep L44500E-74625N	2	<1	24	14	2560	11
L44500E-74600N	8	2	65	7	1240	54
L44500E-74575N	2	<1	<5	<1	100	7
L44500E-74550N	11	69	158	14	580	74
L44500E-74525N	8	1	51	4	290	19
L44500E-74425N	13	<1	34	3	710	21
L44500E-74375N	117	<1	237	25	50	69
L44500E-74350N	53	<1	263	26	20	8
L44500E-74325N	35	<1	153	10	40	54
L44500E-74300N	10	<1	88	6	580	64
*Std MMISRM16	55	<1	17	1	290	20
*Blk BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102837

To: **Geotronics Consulting Inc.**
Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Sep 09, 2008

P.O. No. :
Project No. : HOPE LAKE
No. Of Samples : 32
Date Submitted : Sep 02, 2008
Report Comprises : Pages 1 to 6
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 32 Soils

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Order:

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
L43700E-73675N	4	120	<10	0.1	1120	<1	620	18	288	233
*Rep L43700E-73675N	4	132	<10	0.1	1150	<1	580	20	212	246
L43700E-73700N	4	192	<10	<0.1	610	1	190	20	403	187
L43700E-73750N	1	187	<10	<0.1	750	3	160	52	15	473
L43700E-73800N	10	76	<10	0.3	1440	<1	940	8	257	132
L43700E-74075N	10	>300	20	<0.1	1540	2	20	3	264	92
L43700E-74100N	14	>300	30	<0.1	2240	<1	40	4	124	63
L43700E-74225N	8	145	20	<0.1	800	1	220	5	1270	718
L43700E-74250N	26	272	20	<0.1	1300	2	150	6	377	212
L43700E-74300N	10	156	<10	0.5	1690	<1	510	1	2920	93
L43700E-74325N	8	>300	<10	<0.1	610	<1	100	29	82	101
L43700E-74350N	2	197	20	<0.1	960	<1	30	2	54	173
L43700E-74425N	6	171	<10	0.5	2370	<1	910	6	1520	91
L43700E-74450N	11	>300	10	<0.1	1330	1	90	10	316	78
*Rep L43700E-74450N	11	>300	10	<0.1	1390	1	80	8	302	77
L43800E-73475N	<1	35	<10	<0.1	170	<1	370	5	13	42
L43800E-73575N	<1	25	<10	<0.1	200	<1	390	5	8	28
L43800E-73600N	<1	14	<10	<0.1	140	<1	400	6	9	34
L43800E-73650N	<1	9	<10	<0.1	100	<1	510	6	<5	30
L43800E-73700N	<1	6	<10	<0.1	90	<1	590	5	<5	29
L43800E-73850N	42	12	<10	0.4	1170	<1	860	2	103	43
L43800E-73925N	26	15	<10	0.2	490	<1	740	2	51	26
L43800E-73950N	7	73	<10	0.3	1600	<1	1030	5	615	142
L43800E-74075N	<1	24	<10	<0.1	150	<1	350	2	31	167
L43800E-74125N	<1	9	<10	<0.1	120	<1	470	2	7	65
L43800E-74200N	<1	2	<10	<0.1	60	<1	520	2	<5	16
L43800E-74275N	<1	6	<10	0.1	110	<1	620	2	<5	25
*Rep L43800E-74275N	<1	7	<10	<0.1	110	<1	620	2	<5	28
L43800E-74300N	1	21	<10	0.7	30	<1	680	20	<5	76
L43800E-74350N	12	127	30	0.3	2370	3	240	4	2190	135
L43800E-74400N	7	229	10	<0.1	850	2	180	15	180	79
L43800E-74425N	4	105	20	<0.1	520	1	270	20	123	45
L43800E-74450N	<1	39	<10	<0.1	430	<1	790	14	129	274
L43800E-74500N	<1	16	10	<0.1	220	<1	690	<1	6	155
L43800E-74625N	<1	7	<10	<0.1	100	<1	510	3	<5	26
*Std MMISRM16	23	74	20	32.5	50	<1	270	5	23	79
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Order:

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
L43700E-73675N	<100	3670	53	30.6	10.4	49	53	143	<5	31
*Rep L43700E-73675N	<100	3350	40	24.3	7.4	57	39	99	<5	30
L43700E-73700N	<100	620	35	16.9	9.3	177	46	162	<5	20
L43700E-73750N	<100	360	3	2.8	<0.5	218	2	6	7	32
L43700E-73800N	<100	3040	31	17.7	7.6	38	37	134	<5	43
L43700E-74075N	300	280	17	7.8	6.4	273	23	137	18	8
L43700E-74100N	200	230	13	7.5	3.8	194	14	60	9	5
L43700E-74225N	100	1170	38	16.7	12.5	194	55	380	<5	13
L43700E-74250N	100	480	18	8.2	5.5	189	25	126	10	13
L43700E-74300N	100	1020	166	76.6	52.8	112	230	1050	5	78
L43700E-74325N	<100	700	18	9.6	2.2	119	11	22	7	16
L43700E-74350N	<100	2080	3	1.8	0.9	526	4	24	<5	8
L43700E-74425N	<100	390	77	40.6	21.4	67	99	447	14	92
L43700E-74450N	100	370	28	13.6	6.3	202	30	103	13	25
*Rep L43700E-74450N	100	370	27	13.0	6.1	198	29	97	14	26
L43800E-73475N	<100	840	1	0.8	<0.5	54	1	5	<5	19
L43800E-73575N	<100	80	<1	0.6	<0.5	91	<1	3	<5	19
L43800E-73600N	<100	20	2	1.6	<0.5	49	2	3	<5	22
L43800E-73650N	<100	20	1	0.9	<0.5	7	1	1	<5	20
L43800E-73700N	<100	40	1	0.7	<0.5	3	1	<1	<5	14
L43800E-73850N	<100	1390	19	11.0	3.3	6	20	24	17	227
L43800E-73925N	<100	2010	34	25.3	4.1	9	26	24	5	39
L43800E-73950N	<100	1530	40	20.5	9.7	15	48	119	<5	35
L43800E-74075N	<100	290	2	0.8	0.5	60	2	12	<5	18
L43800E-74125N	<100	110	<1	<0.5	<0.5	40	<1	3	<5	23
L43800E-74200N	<100	30	<1	<0.5	<0.5	3	<1	<1	<5	10
L43800E-74275N	<100	430	2	1.4	<0.5	4	2	2	<5	14
*Rep L43800E-74275N	<100	390	2	1.4	<0.5	4	2	2	<5	14
L43800E-74300N	<100	11600	5	4.0	0.8	7	5	3	<5	9
L43800E-74350N	200	1340	30	12.4	10.8	189	48	322	<5	13
L43800E-74400N	<100	640	13	6.4	3.5	121	16	46	10	13
L43800E-74425N	100	220	8	4.0	2.4	74	11	53	6	23
L43800E-74450N	<100	830	5	3.0	1.6	36	7	35	<5	11
L43800E-74500N	<100	120	<1	<0.5	<0.5	10	<1	1	<5	24
L43800E-74625N	<100	80	1	0.8	<0.5	6	1	1	<5	19
*Std MMISRM16	100	730	4	1.4	1.5	3	6	5	<5	39
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Order:

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L43700E-73675N	<5	<0.5	176	221	270	<1	43	<1	172	<1
*Rep L43700E-73675N	<5	<0.5	122	232	290	<1	29	<1	202	<1
L43700E-73700N	6	2.9	203	155	620	<1	48	<1	387	<1
L43700E-73750N	<5	1.8	7	165	360	<1	2	<1	158	<1
L43700E-73800N	10	<0.5	155	173	90	<1	38	<1	74	<1
L43700E-74075N	12	17.5	119	95	270	<1	31	<1	524	<1
L43700E-74100N	8	7.8	63	139	320	<1	16	<1	320	<1
L43700E-74225N	44	7.1	347	189	140	<1	95	<1	198	<1
L43700E-74250N	10	7.6	131	127	430	<1	33	<1	194	<1
L43700E-74300N	<5	0.6	1210	412	490	<1	296	<1	150	<1
L43700E-74325N	9	2.5	31	207	250	<1	7	<1	194	<1
L43700E-74350N	<5	3.5	19	241	30	<1	5	<1	138	<1
L43700E-74425N	<5	<0.5	473	313	260	<1	113	<1	83	<1
L43700E-74450N	<5	6.6	126	234	420	<1	29	<1	265	<1
*Rep L43700E-74450N	<5	6.5	123	232	420	<1	29	<1	281	<1
L43800E-73475N	<5	<0.5	7	47	190	<1	2	<1	34	<1
L43800E-73575N	<5	<0.5	4	29	50	<1	<1	<1	10	<1
L43800E-73600N	<5	<0.5	5	19	80	<1	1	<1	23	<1
L43800E-73650N	<5	<0.5	2	19	290	<1	<1	<1	22	<1
L43800E-73700N	<5	<0.5	2	23	320	<1	<1	<1	19	<1
L43800E-73850N	<5	<0.5	42	282	130	<1	8	<1	42	<1
L43800E-73925N	<5	<0.5	47	239	40	<1	9	<1	50	<1
L43800E-73950N	<5	<0.5	168	172	60	<1	38	<1	110	<1
L43800E-74075N	<5	<0.5	14	102	70	<1	3	<1	25	<1
L43800E-74125N	<5	<0.5	3	40	60	<1	<1	<1	24	<1
L43800E-74200N	<5	<0.5	<1	16	70	<1	<1	<1	<5	<1
L43800E-74275N	10	<0.5	4	50	20	<1	<1	<1	12	<1
*Rep L43800E-74275N	12	<0.5	4	51	20	<1	<1	<1	13	<1
L43800E-74300N	8	<0.5	7	41	70	<1	1	<1	14	2
L43800E-74350N	12	16.1	303	98	190	<1	80	<1	226	6
L43800E-74400N	<5	4.8	63	117	560	<1	15	<1	225	<1
L43800E-74425N	6	5.8	55	70	370	<1	14	<1	90	<1
L43800E-74450N	<5	0.5	39	107	160	<1	10	<1	40	<1
L43800E-74500N	6	<0.5	1	76	20	<1	<1	<1	65	<1
L43800E-74625N	<5	<0.5	2	17	40	<1	<1	<1	10	<1
*Std MMISRM16	59	<0.5	19	308	160	35	3	<1	369	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Order:

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L43700E-73675N	91	44	<1	450	<1	9	<10	26.0	21	<0.5
*Rep L43700E-73675N	74	31	<1	430	<1	6	<10	25.4	24	<0.5
L43700E-73700N	43	45	<1	400	<1	7	<10	49.4	709	0.6
L43700E-73750N	29	2	<1	310	<1	<1	<10	10.2	477	0.9
L43700E-73800N	42	33	<1	1080	<1	6	<10	23.6	11	<0.5
L43700E-74075N	84	24	3	120	2	3	<10	54.6	7240	0.7
L43700E-74100N	57	14	1	200	<1	2	<10	33.5	3080	<0.5
L43700E-74225N	55	61	1	330	<1	8	<10	103	2510	2.3
L43700E-74250N	37	26	1	260	<1	3	<10	42.4	3140	0.6
L43700E-74300N	262	242	<1	1240	<1	32	<10	186	278	1.1
L43700E-74325N	57	9	<1	210	<1	2	<10	28.9	1640	<0.5
L43700E-74350N	21	4	<1	100	<1	<1	<10	23.9	1930	0.6
L43700E-74425N	178	93	<1	1620	<1	14	<10	104	24	<0.5
L43700E-74450N	51	27	<1	400	<1	5	<10	59.7	1520	<0.5
*Rep L43700E-74450N	49	28	<1	410	<1	5	<10	56.1	1500	<0.5
L43800E-73475N	<5	1	<1	360	<1	<1	<10	1.1	22	<0.5
L43800E-73575N	<5	<1	<1	390	<1	<1	<10	0.9	25	<0.5
L43800E-73600N	<5	1	<1	370	<1	<1	<10	0.6	19	<0.5
L43800E-73650N	<5	<1	<1	360	<1	<1	<10	<0.5	10	<0.5
L43800E-73700N	<5	<1	<1	330	<1	<1	<10	<0.5	13	<0.5
L43800E-73850N	15	13	<1	1840	<1	3	<10	29.5	9	<0.5
L43800E-73925N	21	15	<1	660	<1	5	<10	13.9	5	<0.5
L43800E-73950N	28	42	<1	800	<1	7	<10	22.8	9	0.5
L43800E-74075N	5	3	<1	320	<1	<1	<10	1.9	26	<0.5
L43800E-74125N	<5	<1	<1	420	<1	<1	<10	0.8	12	<0.5
L43800E-74200N	<5	<1	<1	280	<1	<1	<10	<0.5	6	<0.5
L43800E-74275N	<5	1	<1	650	<1	<1	<10	<0.5	4	<0.5
*Rep L43800E-74275N	<5	1	<1	650	<1	<1	<10	<0.5	6	<0.5
L43800E-74300N	<5	3	<1	510	<1	<1	<10	<0.5	9	<0.5
L43800E-74350N	45	57	2	640	2	7	<10	154	5400	1.2
L43800E-74400N	40	16	1	210	<1	2	<10	40.2	1920	0.5
L43800E-74425N	27	11	1	370	<1	2	<10	13.9	2160	<0.5
L43800E-74450N	8	8	<1	500	<1	1	<10	5.3	32	<0.5
L43800E-74500N	<5	<1	<1	550	<1	<1	<10	2.1	16	<0.5
L43800E-74625N	<5	<1	<1	340	<1	<1	<10	<0.5	10	<0.5
*Std MMISRM16	18	6	<1	510	<1	<1	<10	35.2	7	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Order:

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L43700E-73675N	43	<1	328	24	870	26
*Rep L43700E-73675N	30	<1	245	19	950	23
L43700E-73700N	15	<1	175	12	310	35
L43700E-73750N	4	<1	16	4	1900	20
L43700E-73800N	96	<1	167	13	200	27
L43700E-74075N	10	2	80	6	270	103
L43700E-74100N	8	<1	67	7	150	61
L43700E-74225N	49	1	177	13	100	65
L43700E-74250N	17	1	84	6	210	54
L43700E-74300N	74	<1	850	56	50	97
L43700E-74325N	18	<1	84	7	850	47
L43700E-74350N	7	<1	15	2	120	49
L43700E-74425N	82	<1	437	32	240	64
L43700E-74450N	12	<1	146	9	830	63
*Rep L43700E-74450N	12	<1	145	9	660	63
L43800E-73475N	2	<1	8	<1	220	<5
L43800E-73575N	2	<1	6	<1	500	<5
L43800E-73600N	1	<1	11	1	350	<5
L43800E-73650N	<1	<1	6	<1	430	<5
L43800E-73700N	<1	<1	6	<1	720	<5
L43800E-73850N	146	<1	73	8	<20	20
L43800E-73925N	67	<1	169	20	<20	12
L43800E-73950N	45	<1	189	16	60	22
L43800E-74075N	4	<1	10	<1	520	<5
L43800E-74125N	1	<1	<5	<1	320	<5
L43800E-74200N	<1	<1	<5	<1	420	<5
L43800E-74275N	<1	<1	14	<1	30	<5
*Rep L43800E-74275N	1	<1	14	1	30	<5
L43800E-74300N	54	<1	50	4	110	<5
L43800E-74350N	21	3	123	10	180	115
L43800E-74400N	10	<1	63	5	450	41
L43800E-74425N	5	<1	40	3	1510	28
L43800E-74450N	4	<1	32	2	150	8
L43800E-74500N	2	<1	<5	<1	100	<5
L43800E-74625N	<1	<1	7	<1	650	<5
*Std MMISRM16	57	<1	16	<1	270	20
*Blk BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102839

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Sep 09, 2008

P.O. No. :
Project No. : HOPE LAKE
No. Of Samples : 32
Date Submitted : Sep 02, 2008
Report Comprises : Pages 1 to 6
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 32 Soils

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Order:

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
L44100E-74150N	<1	18	<10	<0.1	150	<1	470	<1	10	54
*Rep L44100E-74150N	<1	17	<10	<0.1	140	<1	480	<1	7	58
L44100E-74275N	2	22	<10	1.4	500	<1	620	5	135	205
L44100E-74300N	9	45	<10	1.0	1130	<1	710	5	576	458
L44100E-74325N	10	106	<10	0.1	870	<1	390	10	114	220
L44100E-74350N	10	193	20	0.6	1110	3	150	8	333	295
L44100E-74375N	28	71	<10	0.5	820	<1	670	19	280	73
L44100E-74400N	21	193	<10	0.9	670	<1	200	21	686	48
L44100E-74450N	7	174	<10	0.6	950	<1	220	19	310	94
L44100E-74475N	37	99	<10	6.7	950	<1	530	31	204	32
L44100E-74525N	4	239	<10	0.3	820	<1	50	22	23	308
L44100E-74600N	3	118	<10	0.1	340	<1	190	13	106	174
L44100E-74625N	12	243	10	0.9	1660	1	60	3	402	152
L44100E-74650N	23	15	<10	0.4	300	<1	610	2	5	11
*Rep L44100E-74650N	22	15	<10	0.5	320	<1	660	2	9	12
L44200E-73550N	3	19	<10	0.1	1210	<1	730	5	113	48
L44200E-73600N	2	111	20	0.2	1200	<1	340	2	579	236
L44200E-73850N	7	280	<10	<0.1	1120	<1	60	9	26	104
L44200E-73900N	1	159	<10	<0.1	2260	<1	80	1	42	89
L44200E-73975N	10	283	10	<0.1	810	1	70	14	56	78
L44200E-74000N	5	180	30	<0.1	1040	2	200	11	170	127
L44200E-74025N	<1	11	<10	<0.1	120	<1	360	4	6	37
L44200E-74050N	4	118	<10	0.3	610	<1	500	18	45	41
L44200E-74075N	<1	69	<10	<0.1	120	1	380	14	17	166
L44200E-74200N	9	255	20	0.1	940	2	30	9	407	521
L44200E-74225N	10	240	<10	<0.1	1560	<1	80	19	68	240
L44200E-74300N	11	64	<10	0.5	1210	<1	640	7	274	223
*Rep L44200E-74300N	14	62	<10	0.5	1150	<1	650	7	203	167
L44200E-74325N	13	44	<10	2.4	1050	<1	880	15	155	193
L44200E-74350N	8	234	<10	0.8	690	1	30	4	23	59
L44200E-74400N	9	141	20	1.9	1000	<1	390	53	167	89
L44200E-74450N	17	49	<10	0.7	1230	<1	570	4	380	225
L44200E-74575N	5	277	<10	<0.1	340	<1	30	14	47	112
L44200E-74650N	8	20	<10	0.3	260	<1	670	5	35	25
L44200E-74675N	4	166	20	<0.1	970	2	130	6	241	513
*Std MMISRM16	21	66	20	29.3	50	<1	250	4	25	78
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Order:

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
L44100E-74150N	<100	200	1	0.8	<0.5	77	1	6	<5	12
*Rep L44100E-74150N	<100	140	<1	0.6	<0.5	76	1	4	<5	14
L44100E-74275N	<100	6730	25	15.4	6.3	27	30	132	<5	88
L44100E-74300N	<100	6480	28	14.5	11.1	94	48	346	<5	48
L44100E-74325N	<100	1880	9	5.6	1.9	70	9	29	<5	16
L44100E-74350N	100	300	19	8.4	6.8	151	28	145	10	19
L44100E-74375N	<100	1790	54	26.5	16.4	15	79	187	<5	24
L44100E-74400N	<100	3040	202	93.5	43.4	64	209	495	<5	23
L44100E-74450N	<100	1140	40	22.7	8.0	56	38	86	<5	25
L44100E-74475N	<100	4210	39	25.9	9.3	16	44	87	<5	27
L44100E-74525N	<100	3640	30	24.2	1.6	79	9	10	<5	18
L44100E-74600N	<100	10200	9	4.9	2.0	176	9	32	<5	12
L44100E-74625N	<100	1170	18	9.2	4.8	217	20	116	6	13
L44100E-74650N	<100	3030	23	15.4	2.4	4	18	4	<5	18
*Rep L44100E-74650N	<100	3030	23	15.2	2.7	4	19	7	<5	18
L44200E-73550N	<100	6570	65	43.0	11.1	6	64	113	17	71
L44200E-73600N	<100	1570	27	14.0	8.7	428	40	276	17	112
L44200E-73850N	<100	680	8	5.4	1.1	154	5	15	12	16
L44200E-73900N	<100	2890	3	1.5	1.0	368	3	22	<5	16
L44200E-73975N	100	230	10	5.5	1.9	164	8	27	14	10
L44200E-74000N	200	840	10	4.7	3.5	207	15	71	13	26
L44200E-74025N	<100	120	<1	0.6	<0.5	23	1	3	<5	19
L44200E-74050N	<100	380	9	4.6	2.1	84	9	18	<5	31
L44200E-74075N	<100	170	6	4.5	1.1	91	5	7	<5	35
L44200E-74200N	200	1490	27	14.9	5.2	293	26	182	8	9
L44200E-74225N	<100	1260	13	8.0	1.4	97	8	21	6	22
L44200E-74300N	<100	5820	7	4.1	2.7	59	11	56	<5	22
*Rep L44200E-74300N	<100	3490	8	4.5	2.9	27	13	43	<5	22
L44200E-74325N	<100	1380	16	12.1	3.1	12	16	31	<5	80
L44200E-74350N	<100	450	4	4.9	0.6	228	2	12	<5	15
L44200E-74400N	<100	610	22	12.3	5.3	90	24	44	<5	30
L44200E-74450N	<100	940	18	7.4	7.1	40	30	163	<5	50
L44200E-74575N	<100	1300	7	6.6	0.9	113	4	26	10	9
L44200E-74650N	<100	16000	13	7.1	3.9	8	21	40	<5	14
L44200E-74675N	100	2750	12	5.9	3.7	460	14	84	9	12
*Std MMISRM16	100	720	4	1.5	1.6	3	7	6	<5	36
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	2	<5	<1

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Order:

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44100E-74150N	<5	<0.5	6	63	<10	<1	1	<1	5	<1
*Rep L44100E-74150N	<5	<0.5	5	61	<10	<1	1	<1	8	<1
L44100E-74275N	6	<0.5	143	413	60	<1	36	<1	44	<1
L44100E-74300N	20	1.0	350	305	50	<1	92	<1	100	<1
L44100E-74325N	<5	0.6	36	116	140	<1	9	<1	248	<1
L44100E-74350N	13	7.8	150	98	430	<1	39	<1	288	<1
L44100E-74375N	<5	<0.5	278	120	100	<1	63	<1	182	<1
L44100E-74400N	<5	1.0	740	222	560	<1	169	<1	297	<1
L44100E-74450N	<5	0.9	123	180	320	<1	28	<1	142	<1
L44100E-74475N	<5	<0.5	139	167	120	<1	30	<1	146	<1
L44100E-74525N	<5	0.6	16	124	310	<1	3	<1	303	<1
L44100E-74600N	14	0.7	39	114	40	<1	9	<1	152	<1
L44100E-74625N	8	6.4	97	89	180	<1	25	<1	161	<1
L44100E-74650N	9	<0.5	14	199	50	<1	2	<1	20	<1
*Rep L44100E-74650N	9	<0.5	20	198	50	<1	3	<1	19	<1
L44200E-73550N	6	<0.5	159	577	160	<1	33	<1	22	<1
L44200E-73600N	<5	2.0	272	541	20	<1	71	<1	26	<1
L44200E-73850N	<5	2.6	14	244	290	<1	3	<1	223	<1
L44200E-73900N	<5	1.4	18	309	20	<1	5	<1	273	<1
L44200E-73975N	<5	4.8	31	220	480	<1	7	<1	303	<1
L44200E-74000N	7	9.3	86	183	450	<1	21	<1	252	<1
L44200E-74025N	<5	<0.5	4	57	170	<1	<1	<1	21	<1
L44200E-74050N	<5	0.5	27	113	400	<1	6	<1	39	<1
L44200E-74075N	<5	<0.5	13	82	220	<1	3	<1	27	<1
L44200E-74200N	11	7.6	137	270	170	<1	40	<1	355	1
L44200E-74225N	<5	2.1	24	525	160	<1	5	<1	283	<1
L44200E-74300N	7	0.9	72	88	40	<1	18	<1	123	<1
*Rep L44200E-74300N	<5	<0.5	63	93	50	<1	15	<1	119	<1
L44200E-74325N	16	<0.5	51	430	160	<1	11	<1	63	<1
L44200E-74350N	<5	1.1	11	67	170	<1	3	<1	122	<1
L44200E-74400N	<5	1.1	69	190	410	<1	15	<1	146	<1
L44200E-74450N	12	0.7	180	116	50	<1	47	<1	162	<1
L44200E-74575N	<5	1.6	20	65	150	<1	6	<1	104	<1
L44200E-74650N	<5	<0.5	68	166	40	<1	13	<1	15	<1
L44200E-74675N	11	6.8	77	112	70	<1	20	<1	118	<1
*Std MMISRM16	58	<0.5	21	334	170	32	4	<1	347	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Order:

Element Method	Sc MMI-M5	Sm MMI-M5	Sn MMI-M5	Sr MMI-M5	Ta MMI-M5	Tb MMI-M5	Te MMI-M5	Th MMI-M5	Ti MMI-M5	Tl MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44100E-74150N	5	1	<1	390	<1	<1	<10	1.3	22	<0.5
*Rep L44100E-74150N	<5	<1	<1	420	<1	<1	<10	0.8	22	<0.5
L44100E-74275N	19	28	<1	1180	<1	4	<10	14.8	11	<0.5
L44100E-74300N	62	57	<1	1180	<1	6	<10	52.7	33	<0.5
L44100E-74325N	36	8	<1	300	<1	1	<10	14.1	104	0.5
L44100E-74350N	42	28	2	300	<1	4	<10	48.4	3310	0.7
L44100E-74375N	16	69	<1	710	<1	10	<10	10.9	37	<0.5
L44100E-74400N	126	180	<1	370	<1	33	<10	49.6	440	0.5
L44100E-74450N	75	32	<1	360	<1	6	<10	43.0	398	0.6
L44100E-74475N	65	35	<1	570	<1	6	<10	12.5	35	0.5
L44100E-74525N	39	5	<1	120	<1	3	<10	9.8	298	0.6
L44100E-74600N	55	9	<1	220	<1	1	<10	12.2	219	2.1
L44100E-74625N	49	19	1	310	<1	3	<10	76.0	2950	1.0
L44100E-74650N	8	7	<1	830	<1	3	<10	4.3	9	<0.5
*Rep L44100E-74650N	8	8	<1	850	<1	3	<10	5.7	<3	<0.5
L44200E-73550N	7	44	<1	990	<1	10	<10	16.6	8	<0.5
L44200E-73600N	87	47	<1	940	<1	6	<10	137	178	<0.5
L44200E-73850N	33	3	1	180	<1	1	<10	9.2	1460	<0.5
L44200E-73900N	17	3	<1	270	<1	<1	<10	16.2	393	0.8
L44200E-73975N	34	7	<1	270	<1	1	<10	24.4	1730	0.6
L44200E-74000N	35	17	2	330	<1	2	<10	37.8	3340	<0.5
L44200E-74025N	<5	<1	<1	280	<1	<1	<10	0.7	21	<0.5
L44200E-74050N	29	7	<1	650	<1	1	<10	9.5	191	<0.5
L44200E-74075N	25	4	<1	550	<1	<1	<10	7.0	71	<0.5
L44200E-74200N	62	26	2	170	<1	4	<10	59.8	3550	1.3
L44200E-74225N	56	6	<1	230	<1	2	<10	26.1	874	0.6
L44200E-74300N	27	13	<1	560	<1	1	<10	34.5	49	0.5
*Rep L44200E-74300N	14	13	<1	560	<1	2	<10	32.4	43	0.5
L44200E-74325N	11	13	<1	1500	<1	2	<10	18.3	11	<0.5
L44200E-74350N	14	2	<1	150	<1	<1	<10	10.5	362	0.8
L44200E-74400N	93	20	<1	560	<1	4	<10	25.9	500	<0.5
L44200E-74450N	16	32	<1	840	<1	4	<10	55.0	125	1.9
L44200E-74575N	29	4	<1	70	<1	<1	<10	24.5	616	<0.5
L44200E-74650N	<5	17	<1	660	<1	3	<10	2.8	6	<0.5
L44200E-74675N	58	15	1	210	<1	2	<10	42.4	3510	0.9
*Std MMISRM16	19	7	<1	480	<1	<1	<10	35.6	5	<0.5
*Blk BLANK	<5	<1	<1	10	<1	<1	<10	<0.5	<3	<0.5

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Order:

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L44100E-74150N	10	<1	8	<1	30	<5
*Rep L44100E-74150N	9	<1	6	<1	30	<5
L44100E-74275N	65	<1	148	14	110	16
L44100E-74300N	67	<1	168	13	40	38
L44100E-74325N	18	<1	55	6	80	18
L44100E-74350N	23	1	92	6	380	74
L44100E-74375N	67	<1	301	19	740	11
L44100E-74400N	49	<1	1060	60	360	39
L44100E-74450N	20	<1	234	17	150	32
L44100E-74475N	38	<1	248	22	440	26
L44100E-74525N	7	<1	173	21	1870	16
L44100E-74600N	34	<1	46	5	60	20
L44100E-74625N	34	1	85	7	140	84
L44100E-74650N	7	<1	116	10	<20	6
*Rep L44100E-74650N	7	<1	112	11	<20	7
L44200E-73550N	43	<1	340	31	40	11
L44200E-73600N	142	<1	147	10	150	86
L44200E-73850N	5	<1	52	4	500	25
L44200E-73900N	6	<1	12	1	110	26
L44200E-73975N	7	<1	52	4	150	42
L44200E-74000N	8	<1	48	4	970	43
L44200E-74025N	<1	<1	6	<1	510	<5
L44200E-74050N	5	<1	49	4	900	14
L44200E-74075N	6	<1	35	6	180	10
L44200E-74200N	24	1	126	11	310	73
L44200E-74225N	13	<1	73	6	610	47
L44200E-74300N	25	<1	40	4	160	26
*Rep L44200E-74300N	20	<1	43	4	220	23
L44200E-74325N	56	<1	77	10	250	12
L44200E-74350N	9	<1	23	5	240	16
L44200E-74400N	11	5	115	10	1130	38
L44200E-74450N	52	<1	85	6	90	27
L44200E-74575N	13	<1	31	7	1030	29
L44200E-74650N	49	<1	98	6	20	<5
L44200E-74675N	23	<1	57	5	150	72
*Std MMISRM16	59	<1	17	1	260	21
*Blk BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102840

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Sep 26, 2008

P.O. No. :
Project No. : HOPE LAKE
No. Of Samples : 26
Date Submitted : Sep 02, 2008
Report Comprises : Pages 1 to 6
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 26 Soils

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Final : TO102840 Order:

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
L44400E-74750N	4	24	<10	0.2	460	<1	390	6	199	288
*Rep L44400E-74750N	2	22	<10	0.2	460	<1	410	4	222	345
L44400E-74725N	<1	12	<10	<0.1	100	<1	420	10	7	16
L44400E-74700N	15	49	<10	0.1	780	<1	500	9	82	9
L44400E-74625N	7	22	<10	0.2	1110	<1	550	1	109	21
L44400E-74600N	4	272	<10	0.2	1870	<1	100	16	145	66
L44400E-74575N	18	76	10	3.7	940	1	240	7	599	209
L44400E-74550N	22	45	<10	57.0	530	<1	510	6	117	28
L44400E-74500N	6	114	<10	1.4	1070	<1	300	13	310	8
L44400E-74450N	2	214	<10	0.2	420	<1	120	33	60	137
L44400E-74425N	2	>300	<10	0.3	7130	<1	280	17	1320	209
L44400E-74275N	2	250	10	<0.1	720	<1	110	25	86	443
L44400E-74250N	2	233	30	<0.1	2120	2	100	4	276	96
L44300E-74725N	2	257	10	<0.1	840	1	20	5	119	545
*Rep L44300E-74725N	2	256	10	<0.1	770	1	10	3	125	537
L44300E-74650N	<1	46	<10	<0.1	1400	<1	430	<1	196	590
L44300E-74625N	2	54	<10	0.3	700	<1	370	13	151	62
L44300E-74575N	17	44	<10	0.3	1690	<1	420	2	162	135
L44300E-74550N	<1	60	<10	0.5	1130	<1	480	4	270	554
L44300E-74500N	<1	46	<10	0.4	590	<1	430	<1	177	82
L44300E-74425N	9	10	<10	1.2	720	<1	530	2	92	99
L44300E-74400N	<1	28	<10	0.2	340	<1	480	71	12	32
L44300E-74375N	<1	10	<10	<0.1	150	<1	330	5	13	44
L44300E-74352N	<1	48	20	0.8	660	<1	500	6	72	177
L44300E-74325N	9	122	<10	1.2	2270	<1	390	8	982	35
L44300E-74250N	<1	270	<10	<0.1	740	<1	10	43	21	292
L44300E-74225N	6	243	<10	0.2	1920	<1	230	12	571	299
*Rep L44300E-74225N	5	274	<10	0.2	2150	<1	210	14	480	356
L44300E-74200N	3	205	20	0.1	2490	2	160	3	670	83
*Std MMISRM16	19	54	20	32.9	80	<1	220	4	22	65
*Bik BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Final : TO102840 Order:

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	FPM
L44400E-74750N	<100	5410	18	11.3	6.0	30	29	155	<5	26
*Rep L44400E-74750N	<100	5670	17	9.3	5.9	37	27	178	<5	25
L44400E-74725N	<100	140	1	0.6	<0.5	8	1	4	<5	8
L44400E-74700N	<100	790	10	5.8	2.6	12	13	29	<5	31
L44400E-74625N	<100	560	7	3.8	2.1	9	11	24	<5	28
L44400E-74600N	<100	1520	104	66.7	10.6	43	61	44	<5	27
L44400E-74575N	<100	2490	31	14.4	12.0	133	50	244	<5	50
L44400E-74550N	<100	370	12	6.9	3.6	21	18	46	<5	88
L44400E-74500N	<100	2180	56	34.0	11.6	18	56	114	<5	28
L44400E-74450N	<100	2060	39	28.3	4.1	83	23	18	<5	17
L44400E-74425N	<100	630	108	42.0	50.1	62	188	348	<5	112
L44400E-74275N	<100	1360	22	13.7	2.9	186	16	38	<5	18
L44400E-74250N	200	540	10	4.8	4.1	201	17	111	22	14
L44300E-74725N	<100	1060	8	7.4	1.7	207	7	46	53	13
*Rep L44300E-74725N	<100	850	6	5.7	2.1	174	11	48	40	12
L44300E-74650N	<100	1810	7	4.2	2.5	150	11	58	<5	20
L44300E-74625N	<100	5590	17	9.4	6.0	69	25	105	<5	12
L44300E-74575N	<100	14200	17	8.6	6.5	44	30	92	<5	11
L44300E-74550N	<100	3840	11	5.8	3.5	42	16	87	<5	29
L44300E-74500N	<100	1430	14	7.2	5.0	52	23	109	<5	46
L44300E-74425N	<100	2100	4	2.1	1.6	17	7	21	<5	14
L44300E-74400N	<100	140	2	1.7	<0.5	10	2	3	<5	30
L44300E-74375N	<100	450	3	2.1	0.8	14	4	9	<5	24
L44300E-74352N	<100	2020	10	6.3	2.2	88	11	36	7	39
L44300E-74325N	<100	490	55	25.2	20.6	28	83	226	<5	47
L44300E-74250N	<100	1050	6	8.1	<0.5	109	2	8	6	7
L44300E-74225N	<100	690	30	13.1	10.5	66	45	208	<5	61
*Rep L44300E-74225N	<100	770	34	15.0	10.4	65	44	159	<5	65
L44300E-74200N	200	760	22	10.0	8.3	216	37	317	15	17
*Std MMISRM16	<100	620	3	1.0	1.2	3	5	6	<5	39
*Bik BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Final : TO102840 Order:

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44400E-74750N	<5	1.1	165	298	20	<1	44	<1	54	<1
*Rep L44400E-74750N	<5	1.0	182	302	10	<1	49	<1	45	<1
L44400E-74725N	<5	<0.5	5	57	140	<1	1	<1	48	<1
L44400E-74700N	<5	<0.5	45	58	20	<1	10	<1	43	<1
L44400E-74625N	23	<0.5	36	39	<10	<1	8	<1	31	<1
L44400E-74600N	<5	0.6	129	100	160	<1	24	<1	177	<1
L44400E-74575N	9	3.0	275	88	150	<1	71	<1	151	<1
L44400E-74550N	<5	<0.5	66	110	20	<1	15	<1	14	<1
L44400E-74500N	<5	<0.5	170	147	160	<1	39	<1	175	<1
L44400E-74450N	6	<0.5	47	83	160	<1	9	<1	161	<1
L44400E-74425N	<5	<0.5	1190	126	320	<1	231	<1	128	<1
L44400E-74275N	<5	2.6	51	159	320	<1	12	<1	305	<1
L44400E-74250N	12	22.5	100	85	260	<1	27	<1	383	<1
L44300E-74725N	<5	13.2	42	121	70	<1	12	<1	205	<1
*Rep L44300E-74725N	<5	10.8	49	119	140	<1	13	<1	188	<1
L44300E-74650N	13	1.3	68	62	10	<1	18	<1	99	<1
L44300E-74625N	9	<0.5	130	103	20	<1	33	<1	147	<1
L44300E-74575N	107	0.9	128	43	60	<1	29	<1	90	<1
L44300E-74550N	87	<0.5	94	317	<10	<1	25	<1	118	<1
L44300E-74500N	15	<0.5	128	254	<10	<1	34	<1	48	<1
L44300E-74425N	160	<0.5	33	111	10	<1	8	<1	45	<1
L44300E-74400N	13	<0.5	5	33	740	<1	1	<1	59	<1
L44300E-74375N	<5	<0.5	12	44	310	<1	3	<1	33	<1
L44300E-74352N	31	<0.5	47	277	120	<1	11	<1	<5	<1
L44300E-74325N	<5	<0.5	333	180	210	<1	78	<1	131	<1
L44300E-74250N	<5	1.2	7	190	120	<1	2	<1	228	<1
L44300E-74225N	<5	3.5	233	345	520	<1	56	<1	173	<1
*Rep L44300E-74225N	<5	2.4	220	361	540	<1	50	<1	179	<1
L44300E-74200N	14	16.7	244	106	270	<1	71	<1	194	<1
*Std MMISRM16	59	<0.5	18	238	130	27	3	<1	318	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Final : TO102840 Order:

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Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44400E-74750N	24	29	<1	930	1	4	<10	33.0	5	0.5
*Rep L44400E-74750N	24	30	<1	910	<1	3	<10	35.4	9	<0.5
L44400E-74725N	<5	1	<1	350	<1	<1	<10	1.5	<3	<0.5
L44400E-74700N	7	11	<1	640	<1	2	<10	9.9	<3	<0.5
L44400E-74625N	5	9	<1	740	<1	1	<10	16.8	<3	<0.5
L44400E-74600N	206	39	<1	230	<1	14	<10	42.1	375	1.3
L44400E-74575N	48	51	<1	590	<1	7	<10	49.6	698	0.6
L44400E-74550N	8	15	<1	960	<1	2	<10	11.3	<3	<0.5
L44400E-74500N	48	42	<1	440	<1	9	<10	27.8	18	<0.5
L44400E-74450N	64	15	<1	140	<1	5	<10	14.0	241	<0.5
L44400E-74425N	78	202	<1	1330	<1	24	<10	58.9	42	0.9
L44400E-74275N	27	12	<1	290	<1	3	<10	22.1	1020	<0.5
L44400E-74250N	49	18	3	430	2	2	<10	58.6	5830	1.0
L44300E-74725N	64	8	3	90	1	1	<10	49.6	3230	1.4
*Rep L44300E-74725N	64	10	2	70	<1	2	<10	54.0	2670	1.3
L44300E-74650N	33	12	<1	590	<1	2	<10	32.5	84	<0.5
L44300E-74625N	36	25	<1	480	<1	3	<10	6.3	15	0.6
L44300E-74575N	13	27	<1	410	<1	4	<10	25.0	214	0.6
L44300E-74550N	25	17	<1	560	<1	2	<10	19.9	13	0.6
L44300E-74500N	12	24	<1	660	<1	3	<10	10.5	16	<0.5
L44300E-74425N	6	7	<1	410	<1	<1	<10	29.2	6	<0.5
L44300E-74400N	<5	1	<1	710	<1	<1	<10	1.7	10	<0.5
L44300E-74375N	<5	3	<1	370	<1	<1	<10	1.1	16	<0.5
L44300E-74352N	16	10	<1	720	<1	2	<10	13.8	14	<0.5
L44300E-74325N	98	74	<1	1490	<1	11	<10	61.7	50	0.9
L44300E-74250N	31	2	<1	80	<1	<1	<10	12.7	277	1.0
L44300E-74225N	30	43	<1	610	<1	6	<10	64.7	1120	0.8
*Rep L44300E-74225N	29	43	<1	660	<1	7	<10	59.1	767	0.8
L44300E-74200N	46	40	2	370	1	5	<10	114	4400	1.1
*Std MMISRM16	11	5	<1	460	<1	<1	<10	35.6	5	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Final : TO102840 Order:

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L44400E-74750N	41	3	102	11	<20	19
*Rep L44400E-74750N	37	1	92	10	<20	22
L44400E-74725N	5	<1	7	<1	<20	<5
L44400E-74700N	19	<1	51	5	60	6
L44400E-74625N	30	<1	34	3	<20	7
L44400E-74600N	24	2	569	55	810	30
L44400E-74575N	25	1	140	12	270	34
L44400E-74550N	30	1	63	6	70	12
L44400E-74500N	26	<1	314	28	110	17
L44400E-74450N	8	1	235	24	1130	13
L44400E-74425N	19	<1	497	25	740	14
L44400E-74275N	7	<1	116	11	1640	27
L44400E-74250N	8	3	47	4	210	67
L44300E-74725N	15	3	32	8	260	75
*Rep L44300E-74725N	16	3	31	12	560	60
L44300E-74650N	37	<1	42	4	<20	26
L44300E-74625N	20	<1	108	8	<20	9
L44300E-74575N	17	<1	98	8	<20	18
L44300E-74550N	76	<1	60	5	30	16
L44300E-74500N	65	<1	80	6	<20	7
L44300E-74425N	17	<1	22	2	<20	10
L44300E-74400N	17	<1	12	2	5720	<5
L44300E-74375N	2	<1	20	2	490	<5
L44300E-74352N	123	<1	55	6	20	15
L44300E-74325N	57	<1	265	18	280	29
L44300E-74250N	6	<1	32	9	2050	19
L44300E-74225N	11	2	144	9	390	34
*Rep L44300E-74225N	11	<1	164	10	420	28
L44300E-74200N	31	3	94	8	130	73
*Std MMISRM16	50	<1	11	<1	210	14
*Blk BLANK	<1	<1	<5	<1	<20	<5

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Certificate of Analysis

Work Order: TO102841

To: **Geotronics Consulting Inc.**
Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Sep 10, 2008

P.O. No. :
Project No. : HOPE LAKE
No. Of Samples : 36
Date Submitted : Sep 02, 2008
Report Comprises : Pages 1 to 6
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 36 Soils

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Order:

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
L44000E-74625N	5	>300	40	<0.1	990	2	90	9	156	324
*Rep L44000E-74625N	6	>300	40	<0.1	950	2	90	12	140	335
L43600E-73025N	4	>300	<10	<0.1	1580	<1	50	41	320	140
L43600E-73050N	5	200	<10	0.2	1240	<1	330	7	278	131
L43600E-73075N	9	86	<10	<0.1	740	<1	440	5	435	27
L43600E-73125N	16	53	<10	0.7	1540	<1	880	2	827	52
L43600E-73175N	5	206	<10	<0.1	1480	<1	300	23	174	267
L43600E-73200N	3	>300	20	<0.1	1710	2	90	19	74	405
L43600E-73250N	1	221	<10	<0.1	2220	<1	290	30	118	212
L43600E-73275N	4	240	20	<0.1	1220	3	160	5	545	89
L43600E-73325N	3	>300	20	<0.1	810	2	30	18	150	176
L43600E-73375N	5	>300	20	<0.1	1370	1	50	9	182	159
L43600E-73400N	7	>300	<10	<0.1	1070	<1	20	5	86	110
L43600E-73650N	6	36	<10	0.2	1080	<1	720	6	129	93
*Rep L43600E-73650N	6	48	<10	0.3	1060	<1	730	6	195	107
L43600E-73675N	12	45	<10	1.7	830	<1	920	4	327	25
L43600E-74150N	3	19	<10	0.1	730	<1	330	2	344	56
L43400E-73000N	8	119	<10	0.4	1320	<1	520	10	632	81
L43400E-73025N	15	27	<10	0.4	990	<1	710	2	926	225
L43400E-73400N	<1	51	<10	<0.1	130	<1	170	5	45	56
L43400E-73425N	2	21	20	<0.1	990	<1	530	94	11	27
L43400E-73500N	<1	19	<10	<0.1	330	<1	620	52	25	62
L43400E-73550N	12	10	<10	0.1	190	<1	440	13	31	59
L43400E-73600N	16	205	20	0.2	2160	3	110	2	716	44
L43400E-73625N	3	274	<10	<0.1	1340	<1	330	16	45	65
L43400E-73650N	9	42	<10	0.2	940	<1	730	7	266	173
L43400E-73950N	2	35	<10	<0.1	120	<1	40	<1	22	9
*Rep L43400E-73950N	2	42	<10	<0.1	130	<1	40	<1	24	10
L43400E-73975N	5	19	<10	0.1	950	2	160	<1	580	28
L43400E-74125N	2	40	<10	0.1	1530	<1	840	8	250	43
L43400E-74250N	4	157	<10	0.1	2000	<1	410	3	460	63
L43400E-74275N	3	207	20	<0.1	1280	2	140	11	274	80
L43400E-74300N	7	139	10	0.2	970	1	270	1	368	69
L43400E-74375N	3	119	20	0.2	2060	2	140	3	618	73
L43400E-74450N	5	86	<10	<0.1	1110	<1	450	18	183	57
L43400E-74525N	<1	55	<10	<0.1	390	<1	320	1	126	176
L43400E-74575N	1	15	<10	<0.1	450	<1	520	7	37	82
L43400E-74625N	12	20	<10	<0.1	950	<1	720	2	123	13
L43400E-74650N	8	56	<10	<0.1	670	<1	410	11	146	75
*Std MMISRM16	19	59	10	32.1	80	<1	230	4	25	71
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Order:

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
L44000E-74625N	300	850	12	5.8	4.3	354	16	49	44	15
*Rep L44000E-74625N	200	830	12	6.0	4.0	348	15	42	41	14
L43600E-73025N	<100	300	104	57.9	10.4	70	58	54	15	22
L43600E-73050N	<100	380	44	23.3	9.3	45	46	173	<5	51
L43600E-73075N	<100	690	18	7.1	7.2	43	32	164	<5	34
L43600E-73125N	<100	1550	77	43.8	15.5	20	83	271	<5	103
L43600E-73175N	<100	200	11	5.5	3.3	105	16	85	6	28
L43600E-73200N	100	620	9	5.7	1.3	222	6	26	37	24
L43600E-73250N	<100	720	63	56.1	4.2	101	23	29	<5	42
L43600E-73275N	100	500	16	6.7	5.2	137	22	111	11	20
L43600E-73325N	<100	860	14	7.4	2.5	158	12	40	34	13
L43600E-73375N	<100	510	17	9.2	3.5	172	16	66	27	17
L43600E-73400N	<100	670	12	6.2	2.0	109	10	37	10	9
L43600E-73650N	<100	720	45	37.6	5.2	10	32	59	42	134
*Rep L43600E-73650N	<100	720	60	47.6	8.0	15	47	87	41	161
L43600E-73675N	<100	1520	73	38.8	22.1	21	104	221	<5	52
L43600E-74150N	<100	410	10	4.4	3.9	44	19	79	<5	6
L43400E-73000N	<100	760	57	33.7	14.5	31	75	293	<5	78
L43400E-73025N	<100	5190	71	39.0	18.1	19	97	373	6	87
L43400E-73400N	<100	360	6	4.2	1.2	139	6	18	<5	12
L43400E-73425N	<100	40	2	1.4	<0.5	11	1	4	<5	73
L43400E-73500N	<100	20	4	2.7	0.6	8	4	10	<5	14
L43400E-73550N	<100	7010	20	10.1	6.5	7	35	141	<5	12
L43400E-73600N	100	950	31	13.1	10.2	173	49	336	<5	15
L43400E-73625N	<100	200	13	7.2	1.8	52	8	13	<5	87
L43400E-73650N	<100	2180	25	12.7	7.0	13	35	106	<5	17
L43400E-73950N	<100	120	1	0.6	<0.5	25	2	14	20	4
*Rep L43400E-73950N	<100	170	1	0.6	<0.5	28	2	15	24	5
L43400E-73975N	<100	1200	36	15.3	15.1	86	83	442	<5	6
L43400E-74125N	<100	240	32	17.9	7.5	14	38	83	8	45
L43400E-74250N	<100	250	45	24.2	9.7	79	48	210	<5	70
L43400E-74275N	<100	450	18	8.5	6.0	130	24	109	7	12
L43400E-74300N	<100	430	14	6.4	4.9	148	23	182	<5	33
L43400E-74375N	<100	460	23	9.2	8.5	107	39	277	<5	12
L43400E-74450N	<100	870	23	13.7	4.9	9	26	52	<5	22
L43400E-74525N	<100	1760	9	4.4	2.8	94	13	59	<5	12
L43400E-74575N	<100	240	1	0.6	0.5	13	3	10	<5	11
L43400E-74625N	<100	1300	34	16.6	8.8	16	45	107	<5	25
L43400E-74650N	<100	3210	12	6.0	3.7	36	18	62	<5	18
*Std MMISRM16	<100	670	3	1.2	1.5	4	6	6	<5	37
*Bik BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Order:

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44000E-74625N	10	12.2	58	189	400	<1	14	<1	116	1
*Rep L44000E-74625N	10	11.9	51	202	430	<1	12	<1	108	1
L43600E-73025N	<5	2.3	119	509	340	<1	24	<1	498	<1
L43600E-73050N	<5	<0.5	172	326	430	<1	40	<1	187	<1
L43600E-73075N	7	2.4	177	114	90	<1	45	<1	78	<1
L43600E-73125N	<5	<0.5	283	374	270	<1	69	<1	13	<1
L43600E-73175N	<5	4.0	76	150	360	<1	19	<1	179	<1
L43600E-73200N	9	13.2	23	189	440	<1	6	<1	297	<1
L43600E-73250N	<5	<0.5	53	426	110	<1	11	<1	271	<1
L43600E-73275N	11	15.2	112	137	360	<1	29	<1	183	<1
L43600E-73325N	10	13.5	44	243	450	<1	11	<1	278	<1
L43600E-73375N	7	12.8	63	232	460	<1	16	<1	230	<1
L43600E-73400N	<5	6.5	37	178	330	<1	9	<1	115	<1
L43600E-73650N	6	<0.5	75	759	180	<1	17	<1	28	<1
*Rep L43600E-73650N	6	<0.5	117	814	190	<1	27	<1	27	<1
L43600E-73675N	10	<0.5	330	297	60	<1	72	<1	84	<1
L43600E-74150N	<5	3.1	104	48	30	<1	24	<1	183	<1
L43400E-73000N	<5	1.0	330	354	220	<1	80	<1	85	<1
L43400E-73025N	<5	1.0	444	308	160	<1	112	<1	13	<1
L43400E-73400N	10	0.8	24	26	140	<1	6	<1	26	<1
L43400E-73425N	16	<0.5	4	27	160	<1	<1	<1	543	<1
L43400E-73500N	24	<0.5	12	23	540	<1	3	<1	189	<1
L43400E-73550N	277	<0.5	175	640	<10	<1	41	<1	45	<1
L43400E-73600N	57	26.2	291	105	330	<1	80	<1	191	<1
L43400E-73625N	<5	<0.5	24	197	140	<1	5	<1	100	<1
L43400E-73650N	86	<0.5	142	204	50	<1	34	<1	44	<1
L43400E-73950N	<5	3.0	10	25	20	<1	3	<1	47	<1
*Rep L43400E-73950N	<5	3.5	11	29	10	<1	3	<1	51	<1
L43400E-73975N	9	10.1	509	32	30	<1	120	<1	48	<1
L43400E-74125N	<5	<0.5	121	205	100	<1	27	<1	31	<1
L43400E-74250N	<5	<0.5	203	303	470	<1	48	<1	178	<1
L43400E-74275N	<5	11.4	113	85	360	<1	28	<1	222	<1
L43400E-74300N	<5	5.0	134	138	210	<1	36	<1	127	<1
L43400E-74375N	7	10.8	236	74	130	<1	65	<1	119	<1
L43400E-74450N	<5	<0.5	80	106	110	<1	18	<1	145	<1
L43400E-74525N	11	0.9	71	304	<10	<1	18	<1	125	<1
L43400E-74575N	34	<0.5	12	99	20	<1	3	<1	66	<1
L43400E-74625N	<5	<0.5	150	135	40	<1	35	<1	10	<1
L43400E-74650N	<5	1.1	82	294	60	<1	19	<1	108	<1
*Std MMISRM16	61	<0.5	20	275	150	28	4	<1	320	<1
*Blk BLANK	<5	<0.5	1	<5	<10	<1	<1	<1	<5	<1

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Order:

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L44000E-74625N	135	14	2	130	1	2	<10	59.7	3520	0.8
*Rep L44000E-74625N	124	14	2	120	1	2	<10	53.5	3310	0.7
L43600E-73025N	167	37	<1	220	<1	14	<10	109	533	0.9
L43600E-73050N	74	37	<1	1190	<1	7	<10	54.1	31	0.6
L43600E-73075N	18	34	<1	750	<1	4	<10	35.8	376	<0.5
L43600E-73125N	38	66	<1	1340	<1	13	<10	60.9	3	<0.5
L43600E-73175N	23	16	<1	780	<1	2	<10	20.7	1210	<0.5
L43600E-73200N	59	5	2	320	1	1	<10	21.1	3920	0.8
L43600E-73250N	95	15	<1	880	<1	7	<10	55.9	54	1.3
L43600E-73275N	42	23	<1	310	1	3	<10	68.2	4240	0.6
L43600E-73325N	59	10	2	100	1	2	<10	44.1	4380	0.7
L43600E-73375N	54	14	1	270	<1	3	<10	34.2	4020	0.8
L43600E-73400N	31	9	<1	120	<1	2	<10	27.1	2150	0.8
L43600E-73650N	14	20	<1	1620	<1	6	<10	7.2	4	<0.5
*Rep L43600E-73650N	21	30	<1	1660	<1	9	<10	11.9	<3	<0.5
L43600E-73675N	15	81	<1	1420	<1	14	<10	17.8	<3	<0.5
L43600E-74150N	7	20	<1	380	<1	2	<10	20.0	588	0.9
L43400E-73000N	60	67	<1	1260	<1	11	<10	65.9	34	<0.5
L43400E-73025N	13	84	<1	1020	<1	13	<10	100	8	<0.5
L43400E-73400N	12	6	1	280	<1	<1	<10	8.7	119	<0.5
L43400E-73425N	6	<1	<1	1150	<1	<1	<10	2.3	30	0.8
L43400E-73500N	<5	3	<1	390	<1	<1	<10	2.4	7	<0.5
L43400E-73550N	<5	33	<1	330	<1	4	<10	9.3	<3	<0.5
L43400E-73600N	40	53	3	340	2	7	<10	108	7530	1.2
L43400E-73625N	28	6	<1	750	<1	2	<10	7.7	40	<0.5
L43400E-73650N	15	30	<1	590	<1	5	<10	26.7	8	<0.5
L43400E-73950N	28	2	2	40	<1	<1	<10	4.9	777	0.6
*Rep L43400E-73950N	32	2	2	40	<1	<1	<10	6.0	968	0.7
L43400E-73975N	10	86	1	310	1	9	<10	63.8	1950	<0.5
L43400E-74125N	12	30	<1	1450	<1	6	<10	20.2	8	<0.5
L43400E-74250N	93	39	<1	1390	<1	8	<10	80.2	31	0.6
L43400E-74275N	35	24	2	270	<1	4	<10	49.9	2650	<0.5
L43400E-74300N	23	23	<1	700	<1	3	<10	65.3	684	0.8
L43400E-74375N	28	42	1	310	<1	5	<10	87.0	2500	0.8
L43400E-74450N	17	20	<1	550	<1	4	<10	11.4	13	<0.5
L43400E-74525N	13	13	<1	270	<1	2	<10	5.5	66	<0.5
L43400E-74575N	<5	3	<1	300	<1	<1	<10	4.5	13	<0.5
L43400E-74625N	12	37	<1	530	<1	6	<10	46.8	4	<0.5
L43400E-74650N	8	17	<1	290	<1	2	<10	18.1	174	<0.5
*Std MMISRM16	16	6	<1	440	<1	<1	<10	28.7	8	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Order:

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L44000E-74625N	10	2	47	5	340	101
*Rep L44000E-74625N	10	2	49	5	380	94
L43600E-73025N	22	1	507	42	1670	66
L43600E-73050N	36	<1	257	17	190	30
L43600E-73075N	23	<1	73	5	100	22
L43600E-73125N	48	<1	329	33	30	51
L43600E-73175N	7	<1	57	4	1450	24
L43600E-73200N	9	3	44	5	1480	63
L43600E-73250N	52	<1	345	46	870	22
L43600E-73275N	15	3	65	5	210	75
L43600E-73325N	15	4	61	6	750	85
L43600E-73375N	11	2	81	7	300	60
L43600E-73400N	7	<1	55	5	160	43
L43600E-73650N	104	<1	227	33	80	8
*Rep L43600E-73650N	178	<1	308	40	90	13
L43600E-73675N	92	<1	367	31	50	15
L43600E-74150N	14	1	50	3	60	12
L43400E-73000N	43	<1	290	27	400	54
L43400E-73025N	86	<1	288	28	30	50
L43400E-73400N	10	2	27	4	360	7
L43400E-73425N	6	<1	7	1	4090	<5
L43400E-73500N	7	<1	17	3	930	<5
L43400E-73550N	4	<1	118	7	20	<5
L43400E-73600N	30	6	122	11	90	89
L43400E-73625N	3	<1	65	5	720	5
L43400E-73650N	12	<1	110	9	170	9
L43400E-73950N	2	2	6	<1	60	22
*Rep L43400E-73950N	2	2	7	<1	70	24
L43400E-73975N	55	3	207	11	60	29
L43400E-74125N	80	<1	136	15	220	10
L43400E-74250N	22	<1	247	17	50	41
L43400E-74275N	14	2	75	7	180	56
L43400E-74300N	9	<1	72	5	50	51
L43400E-74375N	24	3	91	7	70	70
L43400E-74450N	29	<1	108	12	190	9
L43400E-74525N	30	<1	50	4	30	9
L43400E-74575N	7	<1	8	<1	100	<5
L43400E-74625N	71	<1	142	12	50	19
L43400E-74650N	14	<1	59	5	170	15
*Std MMISRM16	57	<1	13	<1	320	16
*Blk BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102842

To: **Geotronics Consulting Inc.**

Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Sep 11, 2008

P.O. No. :
Project No. : HOPE LAKE
No. Of Samples 40
Date Submitted Sep 02, 2008
Report Comprises Pages 1 to 11
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 40 Soils

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Order:

Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	Al MMI-M5 1 PPM	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 1 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB
L43000E-74100N	14	79	<10	<0.1	1090	<1	330	7	390	16
*Rep L43000E-74100N	13	93	<10	<0.1	1090	<1	360	8	443	18
L43000E-74150N	<1	49	<10	<0.1	1330	<1	560	52	194	23
L43000E-74175N	9	76	<10	<0.1	890	<1	370	24	124	63
L43000E-74350N	25	25	<10	<0.1	1320	<1	720	2	46	9
L43000E-74400N	<1	28	<10	<0.1	270	<1	330	2	13	61
L43000E-74775N	<1	9	10	<0.1	140	<1	400	<1	<5	15
L43000E-74875N	<1	11	<10	<0.1	130	<1	340	1	5	35
L43000E-74925N	<1	6	<10	<0.1	160	<1	450	3	<5	17
L43000E-74950N	<1	3	<10	<0.1	140	<1	350	11	<5	21
L43000E-75000N	<1	6	<10	<0.1	210	<1	450	9	<5	20
L43100E-74175N	8	94	<10	<0.1	700	<1	180	4	529	17
L43100E-74200N	<1	126	20	<0.1	2460	<1	350	70	38	365
L43100E-74350N	<1	114	20	<0.1	1140	<1	470	126	43	228
*Rep L43100E-74350N	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L43100E-74425N	2	69	20	<0.1	1040	<1	330	31	148	59
L43100E-74450N	<1	33	<10	<0.1	140	3	280	32	35	104
L43200E-73925N	18	34	<10	<0.1	180	<1	250	2	465	26
L43200E-73975N	5	276	<10	<0.1	940	<1	80	7	240	179
L43200E-74025N	7	68	<10	<0.1	1230	<1	130	2	333	30
L43200E-74200N	11	21	<10	<0.1	830	<1	480	5	37	24
L43200E-74225N	29	35	<10	0.4	1040	<1	840	3	298	15
L43200E-74550N	<1	55	<10	<0.1	1150	<1	920	95	172	35
L43200E-74875N	<1	16	<10	<0.1	190	<1	400	9	7	56
L43200E-74900N	<1	10	<10	<0.1	150	<1	320	9	6	54
L43200E-74925N	<1	14	<10	<0.1	140	<1	400	6	<5	52
L43200E-74950N	<1	10	<10	<0.1	130	<1	400	8	<5	33
*Rep L43200E-74950N	<1	11	<10	<0.1	140	<1	400	6	<5	37
L43200E-74975N	<1	12	<10	<0.1	120	<1	410	4	<5	42
L43300E-73000N	8	13	<10	0.4	1550	<1	730	1	267	36
L43300E-73025N	8	57	<10	0.2	1050	<1	680	2	382	45
L43300E-74225N	13	48	<10	<0.1	620	<1	520	12	122	29
L43300E-74250N	7	87	<10	<0.1	740	<1	200	5	471	66
L43300E-74275N	5	>300	10	<0.1	980	<1	80	6	333	108
L43300E-74300N	6	26	<10	<0.1	800	<1	640	1	224	7
L43300E-74350N	2	26	<10	0.2	680	<1	700	7	73	25
L43300E-74375N	<1	177	<10	<0.1	1000	5	170	9	11	416
L43300E-74425N	16	114	10	<0.1	980	<1	130	4	278	14
L43300E-74500N	12	13	<10	<0.1	740	<1	710	2	217	291
L43300E-74675N	12	23	<10	<0.1	1010	<1	530	5	116	25
*Rep L43300E-74675N	11	20	<10	<0.1	980	<1	490	4	113	19
L43300E-74700N	11	15	<10	<0.1	730	<1	400	9	95	22
L43300E-74725N	8	88	<10	<0.1	910	<1	440	75	187	19
L43300E-74775N	17	25	<10	0.6	1380	<1	600	<1	323	90
*Std MMISRM16	21	50	20	29.6	70	<1	220	4	21	60

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Order:

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
*Std MMISRM16	20	48	10	29.6	70	<1	210	4	20	58
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	7	<5

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Order:

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
L43000E-74100N	<100	240	39	17.6	12.8	20	59	168	<5	38
*Rep L43000E-74100N	<100	220	45	19.9	14.1	20	67	180	<5	42
L43000E-74150N	<100	70	20	9.5	5.2	10	27	60	<5	90
L43000E-74175N	<100	290	17	7.7	5.7	38	22	38	<5	34
L43000E-74350N	<100	1850	21	9.8	5.5	8	30	49	<5	16
L43000E-74400N	<100	530	2	1.5	<0.5	118	2	8	<5	11
L43000E-74775N	<100	170	<1	0.5	<0.5	12	1	3	<5	18
L43000E-74875N	<100	90	<1	0.6	<0.5	39	<1	3	<5	21
L43000E-74925N	<100	30	1	0.6	<0.5	24	1	2	<5	19
L43000E-74950N	<100	150	<1	<0.5	<0.5	3	<1	<1	<5	12
L43000E-75000N	<100	40	<1	<0.5	<0.5	10	<1	1	<5	21
L43100E-74175N	<100	240	18	7.2	7.2	62	31	188	<5	17
L43100E-74200N	<100	70	4	2.6	0.7	152	3	11	12	56
L43100E-74350N	<100	100	7	6.0	1.4	92	7	17	<5	61
*Rep L43100E-74350N	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L43100E-74425N	<100	120	12	6.0	3.4	53	17	55	6	38
L43100E-74450N	<100	390	9	6.2	2.0	31	10	23	<5	10
L43200E-73925N	<100	870	26	10.4	11.8	66	60	447	<5	10
L43200E-73975N	<100	390	28	14.2	6.0	134	29	97	<5	21
L43200E-74025N	<100	210	16	6.6	5.6	35	25	137	<5	12
L43200E-74200N	<100	240	6	2.5	1.7	8	9	18	<5	59
L43200E-74225N	<100	4410	71	35.8	21.0	10	99	169	<5	55
L43200E-74550N	<100	370	25	15.8	5.0	22	27	46	<5	55
L43200E-74875N	<100	10	1	0.7	<0.5	11	1	3	<5	35
L43200E-74900N	<100	60	1	0.8	<0.5	13	1	3	<5	23
L43200E-74925N	<100	<10	<1	<0.5	<0.5	14	<1	2	<5	31
L43200E-74950N	<100	60	2	1.5	<0.5	9	2	2	<5	23
*Rep L43200E-74950N	<100	100	2	1.3	<0.5	13	2	2	<5	22
L43200E-74975N	<100	20	3	1.6	<0.5	6	2	2	<5	23
L43300E-73000N	<100	1620	53	31.4	10.6	10	55	100	9	61
L43300E-73025N	<100	690	28	14.3	7.7	24	38	118	<5	62
L43300E-74225N	<100	640	20	9.3	6.4	13	31	69	<5	30
L43300E-74250N	<100	290	23	8.8	9.3	38	42	219	<5	20
L43300E-74275N	<100	1210	21	8.5	4.2	99	18	54	11	13
L43300E-74300N	<100	410	23	10.1	7.4	18	34	96	<5	36
L43300E-74350N	<100	530	34	20.5	6.1	4	34	33	<5	53
L43300E-74375N	<100	60	<1	0.8	<0.5	219	<1	7	6	18
L43300E-74425N	<100	220	15	6.1	6.1	45	26	158	<5	14
L43300E-74500N	<100	7130	11	5.8	4.1	27	20	68	<5	15
L43300E-74675N	<100	1840	14	6.1	5.0	13	24	55	<5	22
*Rep L43300E-74675N	<100	1680	13	5.5	4.8	13	22	54	<5	21
L43300E-74700N	<100	330	12	5.1	4.2	12	21	59	5	23
L43300E-74725N	<100	550	25	14.1	5.4	97	27	53	<5	21
L43300E-74775N	<100	830	63	42.9	11.0	7	59	114	38	96
*Std MMISRM16	<100	600	3	1.0	1.3	2	5	5	<5	37

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Order:

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
*Std MMISRM16	<100	570	3	1.0	1.1	2	5	5	<5	36
*Blk BLANK	<100	30	<1	<0.5	<0.5	<1	<1	<1	<5	<1
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Order:

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L4300E-74100N	<5	1.6	251	160	70	<1	58	<1	222	<1
*Rep L4300E-74100N	<5	1.1	273	185	90	<1	63	<1	210	<1
L4300E-74150N	<5	<0.5	88	142	160	<1	20	<1	242	<1
L4300E-74175N	<5	<0.5	59	221	110	<1	13	<1	261	<1
L4300E-74350N	<5	<0.5	83	78	10	<1	17	<1	39	<1
L4300E-74400N	<5	<0.5	9	88	30	<1	2	<1	10	<1
L4300E-74775N	6	<0.5	3	63	20	<1	<1	<1	8	<1
L4300E-74875N	<5	<0.5	3	38	20	<1	<1	<1	<5	<1
L4300E-74925N	<5	<0.5	3	39	20	<1	<1	<1	6	<1
L4300E-74950N	10	<0.5	1	57	250	<1	<1	<1	10	<1
L4300E-75000N	<5	<0.5	2	68	50	<1	<1	<1	11	<1
L4310E-74175N	6	4.4	186	60	70	<1	49	<1	220	<1
L4310E-74200N	<5	2.4	14	50	130	<1	3	<1	600	<1
L4310E-74350N	<5	0.8	25	51	1020	<1	6	<1	242	<1
*Rep L4310E-74350N	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L4310E-74425N	<5	2.8	74	110	390	<1	17	<1	240	3
L4310E-74450N	<5	<0.5	39	42	640	<1	9	<1	47	<1
L4320E-73925N	<5	1.6	444	58	30	<1	116	<1	190	<1
L4320E-73975N	<5	3.1	131	180	450	<1	32	<1	166	<1
L4320E-74025N	6	5.6	142	55	50	<1	37	<1	214	<1
L4320E-74200N	<5	<0.5	30	43	40	<1	6	<1	38	<1
L4320E-74225N	<5	<0.5	323	142	30	<1	70	<1	91	<1
L4320E-74550N	<5	<0.5	75	63	490	<1	18	<1	114	<1
L4320E-74875N	<5	<0.5	4	37	30	<1	<1	<1	7	<1
L4320E-74900N	<5	<0.5	3	22	200	<1	<1	<1	8	<1
L4320E-74925N	<5	<0.5	2	22	50	<1	<1	<1	17	<1
L4320E-74950N	<5	<0.5	4	16	90	<1	<1	<1	6	<1
*Rep L4320E-74950N	<5	<0.5	3	18	50	<1	<1	<1	5	<1
L4320E-74975N	<5	<0.5	4	19	130	<1	<1	<1	8	<1
L4330E-73000N	<5	<0.5	151	243	30	<1	33	<1	42	<1
L4330E-73025N	<5	0.6	150	189	40	<1	35	<1	86	1
L4330E-74225N	<5	<0.5	115	97	110	<1	25	<1	86	<1
L4330E-74250N	7	2.8	253	39	170	<1	64	<1	310	<1
L4330E-74275N	<5	6.7	58	110	420	<1	14	<1	207	<1
L4330E-74300N	<5	<0.5	131	92	50	<1	30	<1	37	<1
L4330E-74350N	<5	<0.5	67	234	100	<1	13	<1	22	<1
L4330E-74375N	<5	1.0	4	77	30	<1	1	<1	109	<1
L4330E-74425N	7	5.8	161	48	160	<1	41	<1	179	<1
L4330E-74500N	<5	<0.5	97	225	50	<1	22	<1	19	<1
L4330E-74675N	<5	<0.5	95	69	40	<1	20	<1	164	<1
*Rep L4330E-74675N	<5	<0.5	93	62	40	<1	20	<1	157	<1
L4330E-74700N	<5	<0.5	90	125	30	<1	20	<1	176	<1
L4330E-74725N	<5	1.2	83	195	330	<1	19	<1	147	<1
L4330E-74775N	<5	<0.5	155	419	110	<1	35	<1	27	<1
*Std MMISRM16	50	<0.5	18	216	110	28	3	<1	313	<1

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Order:

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
*Std MMISRM16	49	<0.5	17	212	110	28	3	<1	310	<1
*Blk BLANK	<5	<0.5	<1	10	<10	<1	<1	<1	<5	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Order:

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L43000E-74100N	13	56	<1	610	1	8	<10	32.2	217	0.8
*Rep L43000E-74100N	14	60	1	620	<1	9	<10	29.1	181	0.7
L43000E-74150N	5	22	<1	1030	<1	4	<10	10.1	27	0.6
L43000E-74175N	43	18	<1	460	<1	3	<10	7.7	74	<0.5
L43000E-74350N	8	22	<1	650	<1	4	<10	29.2	<3	<0.5
L43000E-74400N	6	2	<1	440	<1	<1	<10	2.0	33	<0.5
L43000E-74775N	<5	<1	<1	520	<1	<1	<10	0.6	4	<0.5
L43000E-74875N	<5	<1	<1	540	<1	<1	<10	0.6	8	<0.5
L43000E-74925N	<5	<1	<1	580	<1	<1	<10	<0.5	<3	<0.5
L43000E-74950N	<5	<1	<1	430	<1	<1	<10	<0.5	6	<0.5
L43000E-75000N	<5	<1	<1	490	<1	<1	<10	<0.5	<3	<0.5
L43100E-74175N	17	35	<1	390	<1	4	<10	51.2	919	0.9
L43100E-74200N	27	3	<1	1350	<1	<1	<10	18.9	475	1.4
L43100E-74350N	29	6	<1	540	<1	1	<10	16.1	160	1.1
*Rep L43100E-74350N	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L43100E-74425N	13	15	<1	650	<1	2	<10	13.4	727	<0.5
L43100E-74450N	7	9	<1	270	<1	2	<10	9.8	33	<0.5
L43200E-73925N	8	66	<1	480	<1	7	<10	20.5	505	<0.5
L43200E-73975N	23	27	<1	410	<1	5	<10	56.0	690	0.8
L43200E-74025N	14	26	<1	340	<1	4	<10	41.7	1410	<0.5
L43200E-74200N	<5	8	<1	600	<1	1	<10	11.2	20	<0.5
L43200E-74225N	38	85	<1	1010	<1	14	<10	47.1	<3	<0.5
L43200E-74550N	16	20	<1	1000	<1	4	<10	10.2	13	<0.5
L43200E-74875N	<5	1	<1	620	<1	<1	<10	1.2	7	<0.5
L43200E-74900N	<5	<1	<1	400	<1	<1	<10	<0.5	12	<0.5
L43200E-74925N	<5	<1	<1	440	<1	<1	<10	0.7	22	<0.5
L43200E-74950N	<5	1	<1	440	<1	<1	<10	<0.5	3	<0.5
*Rep L43200E-74950N	<5	1	<1	430	<1	<1	<10	<0.5	7	<0.5
L43200E-74975N	<5	1	<1	470	<1	<1	<10	<0.5	5	<0.5
L43300E-73000N	20	40	<1	1470	<1	9	<10	45.4	<3	<0.5
L43300E-73025N	16	31	<1	1120	<1	5	<10	57.9	9	<0.5
L43300E-74225N	7	27	<1	590	<1	4	<10	17.2	13	<0.5
L43300E-74250N	11	46	<1	510	<1	5	<10	35.1	795	<0.5
L43300E-74275N	53	15	<1	250	<1	4	<10	98.5	2150	0.5
L43300E-74300N	7	30	<1	770	<1	5	<10	43.2	7	<0.5
L43300E-74350N	5	21	<1	1160	<1	6	<10	13.0	<3	<0.5
L43300E-74375N	23	<1	<1	330	<1	<1	<10	4.7	182	<0.5
L43300E-74425N	15	28	<1	290	<1	3	<10	31.1	1670	<0.5
L43300E-74500N	12	20	<1	710	<1	2	<10	35.6	4	<0.5
L43300E-74675N	6	22	<1	630	<1	3	<10	17.2	8	<0.5
*Rep L43300E-74675N	<5	21	<1	620	<1	3	<10	17.3	10	<0.5
L43300E-74700N	<5	20	<1	560	<1	3	<10	30.8	54	<0.5
L43300E-74725N	29	21	<1	660	<1	4	<10	17.0	125	<0.5
L43300E-74775N	18	40	<1	1160	<1	10	<10	41.6	<3	<0.5
*Std MMISRM16	10	5	<1	460	<1	<1	<10	31.8	<3	<0.5

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Order:

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
*Std MMISRM16	10	5	<1	450	<1	<1	<10	31.7	4	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Order:

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L43000E-74100N	17	2	175	12	60	22
*Rep L43000E-74100N	19	<1	201	14	80	21
L43000E-74150N	10	<1	97	6	1940	6
L43000E-74175N	7	<1	66	7	360	12
L43000E-74350N	24	<1	102	7	<20	13
L43000E-74400N	10	<1	14	1	<20	<5
L43000E-74775N	6	<1	5	<1	70	<5
L43000E-74875N	3	<1	<5	<1	150	<5
L43000E-74925N	<1	<1	7	<1	30	<5
L43000E-74950N	<1	<1	<5	<1	810	<5
L43000E-75000N	4	<1	<5	<1	110	<5
L43100E-74175N	16	<1	76	5	40	33
L43100E-74200N	16	<1	19	3	9830	24
L43100E-74350N	19	<1	43	10	3480	15
*Rep L43100E-74350N	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L43100E-74425N	7	<1	57	5	1000	18
L43100E-74450N	12	<1	54	7	980	13
L43200E-73925N	18	<1	140	7	20	13
L43200E-73975N	14	<1	148	10	180	31
L43200E-74025N	11	<1	68	4	40	39
L43200E-74200N	10	<1	27	2	90	<5
L43200E-74225N	46	<1	316	30	<20	14
L43200E-74550N	18	<1	123	14	2330	13
L43200E-74875N	2	<1	6	<1	280	<5
L43200E-74900N	<1	<1	6	<1	770	<5
L43200E-74925N	1	<1	<5	<1	110	<5
L43200E-74950N	3	<1	11	1	370	<5
*Rep L43200E-74950N	4	<1	10	1	440	<5
L43200E-74975N	3	<1	14	1	140	<5
L43300E-73000N	50	<1	208	24	20	17
L43300E-73025N	36	<1	124	10	260	34
L43300E-74225N	13	<1	101	7	100	7
L43300E-74250N	12	<1	99	6	50	23
L43300E-74275N	18	1	82	6	180	90
L43300E-74300N	46	<1	105	7	<20	14
L43300E-74350N	38	<1	158	15	110	<5
L43300E-74375N	2	<1	<5	2	230	10
L43300E-74425N	8	<1	68	4	80	29
L43300E-74500N	17	<1	58	5	<20	13
L43300E-74675N	24	<1	69	5	70	8
*Rep L43300E-74675N	21	<1	65	4	70	8
L43300E-74700N	16	<1	60	4	370	12
L43300E-74725N	14	<1	128	11	2210	23
L43300E-74775N	80	<1	248	35	20	20
*Std MMISRM16	49	<1	11	<1	180	15

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Order:

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
*Std MMISRM16	49	<1	10	<1	170	14
*Blk BLANK	<1	<1	<5	<1	<20	<5
*Blk BLANK	<1	<1	<5	<1	<20	<5

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Certificate of Analysis

Work Order: TO102843

To: **Geotronics Consulting Inc.**
Attn: David G. Mark
6204 - 125th Street
SURREY
BC V3X 2E1

Date: Sep 10, 2008

P.O. No. :
Project No. : HOPE LAKE
No. Of Samples : 26
Date Submitted : Sep 02, 2008
Report Comprises : Pages 1 to 6
(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 26 Soils

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Order:

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
L43900E-74200N	<1	2	<10	<0.1	190	<1	380	1	<5	27
*Rep L43900E-74200N	<1	2	<10	<0.1	110	<1	390	1	<5	27
L43900E-74225N	<1	3	<10	<0.1	90	<1	360	2	<5	17
L43900E-74250N	<1	9	<10	<0.1	90	<1	390	3	<5	30
L43900E-74275N	<1	3	<10	<0.1	60	<1	220	4	<5	32
L43900E-74300N	<1	23	<10	<0.1	70	<1	410	8	14	54
L43900E-74325N	6	242	20	<0.1	1090	2	170	11	105	47
L43900E-74350N	9	35	<10	0.3	720	<1	120	3	584	55
L43900E-74375N	39	41	<10	0.6	1200	<1	610	6	1140	86
L43900E-74400N	9	117	<10	0.2	900	<1	380	19	284	27
L43900E-74425N	2	>300	<10	<0.1	1020	<1	40	22	18	161
L43900E-74450N	3	142	<10	<0.1	690	<1	270	15	117	50
L43900E-74475N	<1	141	10	<0.1	530	12	150	8	12	212
L43900E-74500N	<1	58	<10	<0.1	580	<1	460	59	149	72
*Rep L43900E-74500N	<1	53	<10	<0.1	590	<1	460	56	105	86
L43900E-74550N	2	131	10	<0.1	460	2	200	26	194	65
L44000E-74225N	<1	30	<10	<0.1	160	<1	410	10	10	75
L44000E-74275N	4	155	10	0.7	1400	1	40	1	44	62
L44000E-74300N	13	49	<10	0.4	690	<1	380	22	272	47
L44000E-74325N	5	220	<10	0.2	1130	<1	190	28	64	46
L44000E-74350N	29	140	<10	0.4	830	<1	200	17	102	37
L44000E-74400N	10	99	10	<0.1	1140	1	240	11	124	51
L44000E-74450N	3	>300	<10	<0.1	2500	<1	50	26	44	149
L44000E-74475N	5	>300	20	0.2	1030	2	40	4	271	108
L44000E-74550N	<1	63	<10	<0.1	430	<1	360	47	270	67
L44000E-74575N	6	291	20	<0.1	710	<1	130	4	230	63
L44000E-74600N	16	169	<10	<0.1	990	<1	190	7	111	24
*Rep L44000E-74600N	17	175	<10	<0.1	1000	<1	180	6	113	26
L44000E-74650N	1	>300	<10	<0.1	650	<1	20	7	5	156
*Std MMISRM16	20	52	20	31.6	60	<1	210	4	24	63
*Blk BLANK	<1	<1	<10	<0.1	30	<1	<10	<1	<5	<5

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Order:

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
L43900E-74200N	<100	10	<1	<0.5	<0.5	4	<1	<1	<5	14
*Rep L43900E-74200N	<100	10	<1	<0.5	<0.5	4	<1	<1	<5	14
L43900E-74225N	<100	30	<1	<0.5	<0.5	4	<1	1	<5	12
L43900E-74250N	<100	20	2	1.1	<0.5	8	2	2	<5	17
L43900E-74275N	<100	20	<1	0.7	<0.5	2	<1	<1	<5	16
L43900E-74300N	<100	40	8	4.9	1.5	10	9	8	<5	12
L43900E-74325N	<100	300	10	4.8	2.5	113	11	36	11	10
L43900E-74350N	<100	1270	62	25.3	29.0	17	150	735	<5	10
L43900E-74375N	<100	1270	65	32.5	18.5	21	95	285	<5	27
L43900E-74400N	<100	500	30	16.8	7.9	21	40	87	<5	17
L43900E-74425N	<100	2970	17	20.8	0.9	97	4	9	<5	11
L43900E-74450N	<100	260	16	7.7	4.8	84	19	49	<5	26
L43900E-74475N	<100	110	1	1.3	<0.5	226	<1	6	<5	19
L43900E-74500N	<100	310	16	13.1	2.7	12	15	34	<5	26
*Rep L43900E-74500N	<100	220	11	9.5	1.9	11	11	25	<5	27
L43900E-74550N	<100	290	16	8.2	4.3	103	22	74	9	16
L44000E-74225N	<100	530	5	4.0	0.7	36	4	6	<5	16
L44000E-74275N	<100	4120	3	1.8	0.8	353	4	20	<5	12
L44000E-74300N	<100	1430	24	10.9	9.0	20	45	146	<5	17
L44000E-74325N	<100	690	20	12.2	2.8	63	15	25	<5	29
L44000E-74350N	<100	260	6	2.4	1.9	80	9	45	7	12
L44000E-74400N	<100	230	7	3.0	2.2	60	10	52	<5	19
L44000E-74450N	<100	1520	16	15.5	1.1	89	6	16	<5	25
L44000E-74475N	100	1240	26	12.7	6.5	152	30	111	16	11
L44000E-74550N	<100	360	47	28.0	10.8	32	57	118	<5	17
L44000E-74575N	200	430	12	5.2	3.7	109	15	80	6	12
L44000E-74600N	<100	420	12	6.0	4.2	46	17	62	<5	20
*Rep L44000E-74600N	<100	410	12	6.2	4.2	50	17	65	<5	18
L44000E-74650N	<100	530	1	2.2	<0.5	103	<1	3	8	10
*Std MMISRM16	<100	660	3	1.1	1.3	3	6	6	<5	38
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	1	<5	<1

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Order:

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L43900E-74200N	<5	<0.5	1	24	70	<1	<1	<1	87	<1
*Rep L43900E-74200N	<5	<0.5	<1	21	70	<1	<1	<1	84	<1
L43900E-74225N	<5	<0.5	2	25	140	<1	<1	<1	23	<1
L43900E-74250N	<5	<0.5	3	8	120	<1	<1	<1	33	<1
L43900E-74275N	<5	<0.5	1	<5	160	<1	<1	<1	33	<1
L43900E-74300N	<5	<0.5	18	17	310	<1	4	<1	45	<1
L43900E-74325N	6	8.5	44	124	340	<1	11	<1	282	<1
L43900E-74350N	6	1.8	978	45	50	<1	236	<1	39	<1
L43900E-74375N	7	<0.5	382	208	60	<1	91	<1	82	<1
L43900E-74400N	24	<0.5	127	99	280	<1	29	<1	146	<1
L43900E-74425N	<5	0.6	10	47	190	<1	2	<1	113	<1
L43900E-74450N	14	2.5	67	65	480	<1	16	<1	45	<1
L43900E-74475N	<5	1.1	4	37	200	<1	1	<1	81	<1
L43900E-74500N	<5	<0.5	49	28	1060	<1	12	<1	221	<1
*Rep L43900E-74500N	<5	<0.5	36	26	1150	<1	9	<1	200	<1
L43900E-74550N	<5	4.1	103	64	760	<1	26	<1	90	<1
L44000E-74225N	6	<0.5	10	69	140	<1	2	<1	6	<1
L44000E-74275N	<5	2.5	18	124	30	<1	5	<1	174	<1
L44000E-74300N	6	0.5	206	152	130	<1	48	<1	44	<1
L44000E-74325N	<5	<0.5	39	164	170	<1	9	<1	95	<1
L44000E-74350N	10	5.6	43	90	230	<1	12	<1	320	1
L44000E-74400N	6	5.2	53	54	260	<1	14	<1	199	<1
L44000E-74450N	<5	1.7	17	192	80	<1	4	<1	129	<1
L44000E-74475N	10	11.8	125	122	420	<1	31	<1	109	1
L44000E-74550N	<5	<0.5	181	118	190	<1	43	<1	202	<1
L44000E-74575N	5	9.7	70	102	280	<1	19	<1	143	<1
L44000E-74600N	<5	2.1	69	94	350	<1	17	<1	116	<1
*Rep L44000E-74600N	<5	2.6	70	95	330	<1	18	<1	111	<1
L44000E-74650N	<5	0.5	2	81	30	<1	<1	<1	78	<1
*Std MMISRM16	56	<0.5	19	232	130	28	3	<1	312	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Order:

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
L43900E-74200N	<5	<1	<1	390	<1	<1	<10	<0.5	23	<0.5
*Rep L43900E-74200N	<5	<1	<1	390	<1	<1	<10	<0.5	23	<0.5
L43900E-74225N	<5	<1	<1	330	<1	<1	<10	<0.5	8	<0.5
L43900E-74250N	<5	<1	<1	400	<1	<1	<10	<0.5	13	<0.5
L43900E-74275N	<5	<1	<1	320	<1	<1	<10	<0.5	10	<0.5
L43900E-74300N	<5	6	<1	410	<1	1	<10	0.6	10	<0.5
L43900E-74325N	36	10	<1	240	<1	2	<10	34.1	2190	<0.5
L43900E-74350N	22	168	<1	400	<1	16	<10	54.8	317	<0.5
L43900E-74375N	20	84	<1	1010	<1	13	<10	40.6	6	0.9
L43900E-74400N	19	32	<1	440	<1	6	<10	14.4	136	<0.5
L43900E-74425N	52	3	<1	140	<1	1	<10	10.5	179	0.6
L43900E-74450N	18	16	<1	570	<1	3	<10	15.1	832	<0.5
L43900E-74475N	19	<1	<1	260	<1	<1	<10	9.3	227	<0.5
L43900E-74500N	<5	12	<1	540	<1	2	<10	5.8	24	0.8
*Rep L43900E-74500N	<5	8	<1	540	<1	2	<10	4.4	29	0.9
L43900E-74550N	26	22	<1	270	<1	3	<10	41.5	1270	<0.5
L44000E-74225N	<5	3	<1	410	<1	<1	<10	1.6	22	<0.5
L44000E-74275N	16	4	<1	160	<1	<1	<10	18.7	679	0.6
L44000E-74300N	6	42	<1	390	<1	5	<10	23.1	95	<0.5
L44000E-74325N	39	11	<1	390	<1	3	<10	12.6	216	<0.5
L44000E-74350N	18	9	<1	360	<1	1	<10	22.6	1500	<0.5
L44000E-74400N	12	11	<1	380	<1	1	<10	22.2	1100	<0.5
L44000E-74450N	58	4	<1	180	<1	2	<10	26.4	565	1.7
L44000E-74475N	61	27	1	100	<1	5	<10	68.3	3580	0.8
L44000E-74550N	17	45	<1	390	<1	8	<10	6.7	54	<0.5
L44000E-74575N	37	15	<1	170	<1	2	<10	63.6	2130	0.9
L44000E-74600N	20	16	<1	280	<1	2	<10	13.6	604	<0.5
*Rep L44000E-74600N	22	16	<1	260	<1	2	<10	14.3	719	0.5
L44000E-74650N	7	<1	<1	100	<1	<1	<10	2.6	205	<0.5
*Std MMISRM16	10	6	<1	450	<1	<1	<10	29.8	4	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Order:

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
L43900E-74200N	<1	<1	<5	<1	100	<5
*Rep L43900E-74200N	<1	<1	<5	<1	90	<5
L43900E-74225N	<1	<1	<5	<1	440	<5
L43900E-74250N	<1	<1	8	1	130	<5
L43900E-74275N	<1	<1	<5	<1	320	<5
L43900E-74300N	6	<1	44	4	260	<5
L43900E-74325N	10	1	42	4	520	54
L43900E-74350N	27	2	310	18	80	36
L43900E-74375N	162	<1	301	23	30	30
L43900E-74400N	15	<1	160	13	390	14
L43900E-74425N	9	<1	93	24	430	11
L43900E-74450N	6	<1	76	6	540	15
L43900E-74475N	7	<1	6	6	290	16
L43900E-74500N	18	<1	87	13	2150	5
*Rep L43900E-74500N	14	<1	59	10	2100	<5
L43900E-74550N	24	1	71	7	760	23
L44000E-74225N	11	<1	30	4	260	<5
L44000E-74275N	8	<1	13	2	30	31
L44000E-74300N	25	<1	114	8	420	11
L44000E-74325N	5	<1	108	10	1520	11
L44000E-74350N	8	2	24	2	1000	35
L44000E-74400N	12	30	27	2	560	23
L44000E-74450N	9	<1	92	15	2090	35
L44000E-74475N	17	2	122	10	230	81
L44000E-74550N	18	<1	274	20	1260	8
L44000E-74575N	15	2	46	4	240	63
L44000E-74600N	5	<1	58	5	240	17
*Rep L44000E-74600N	6	<1	57	5	130	18
L44000E-74650N	2	<1	6	3	40	<5
*Std MMISRM16	54	<1	12	<1	220	15
*Blk BLANK	<1	<1	<5	<1	<20	<5

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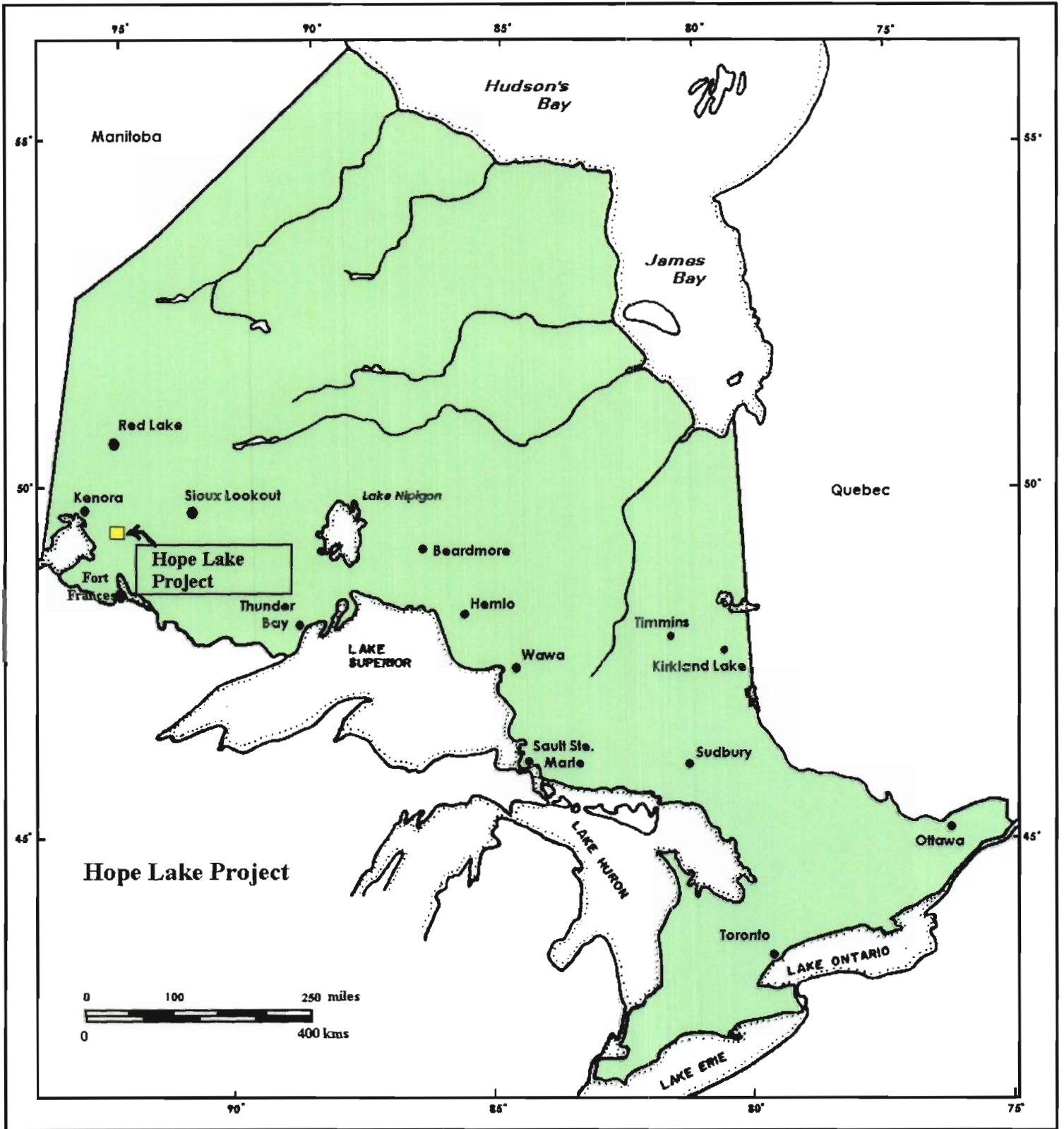
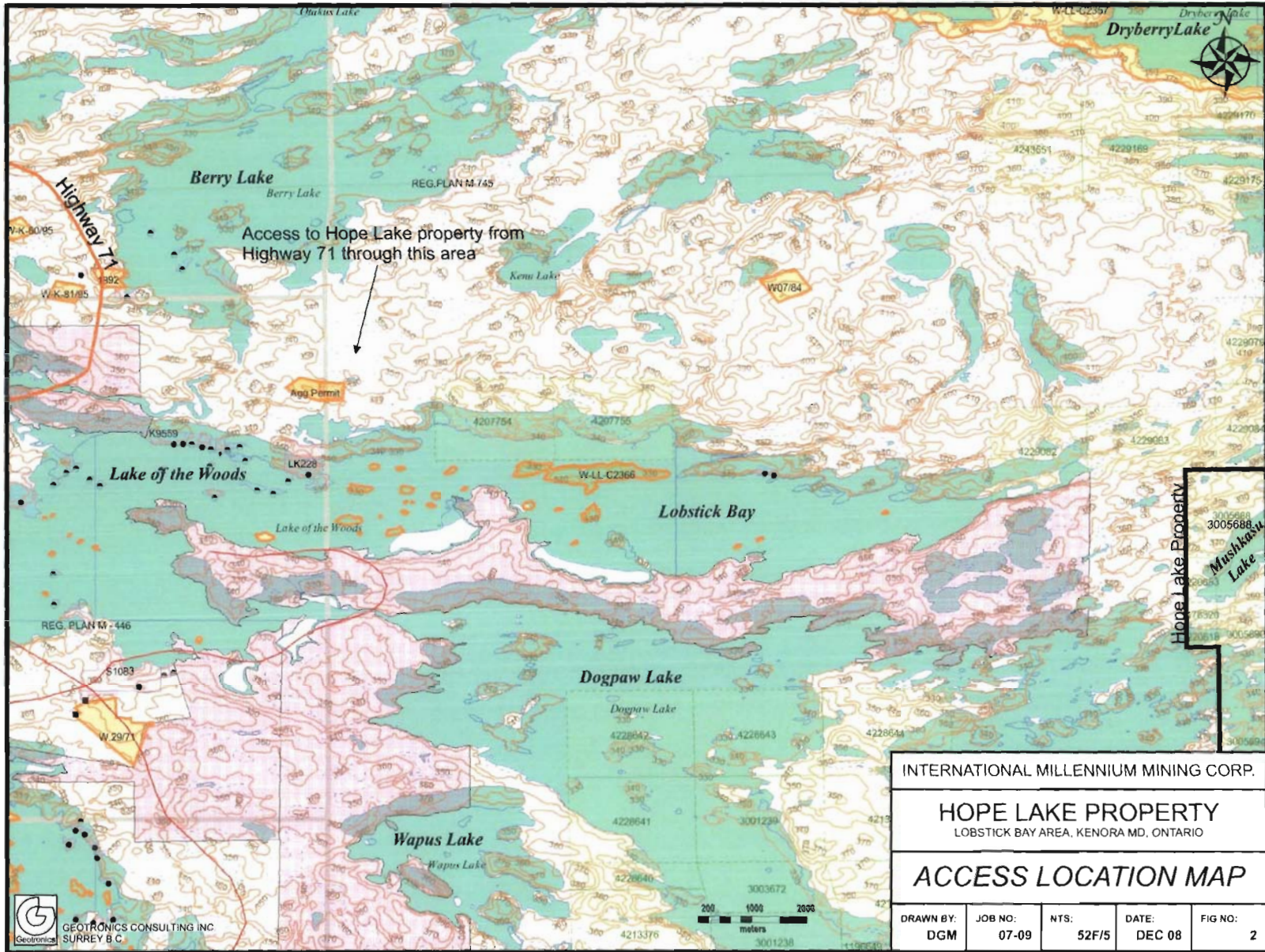


Figure 1: Regional Location Map of Ontario



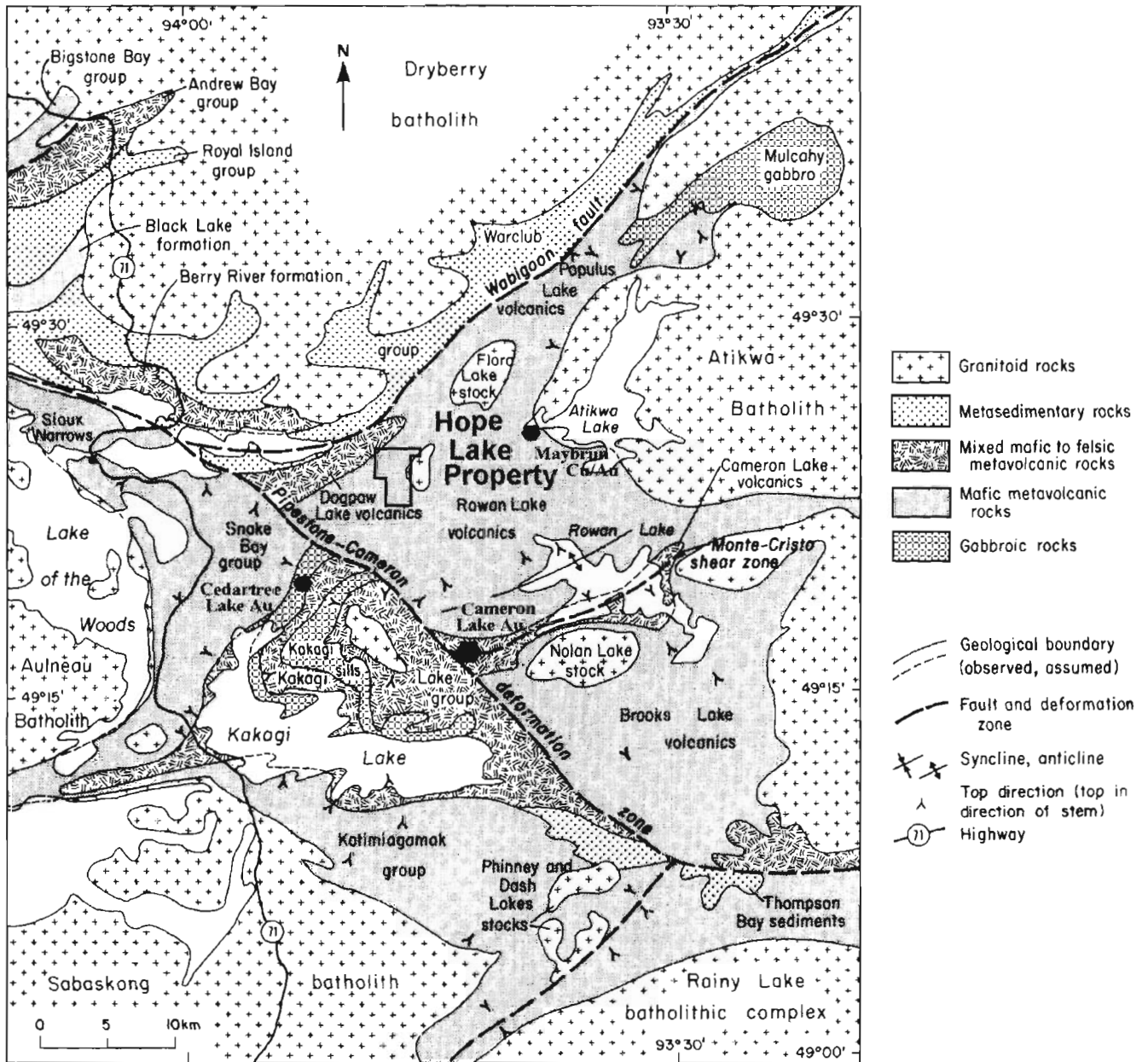
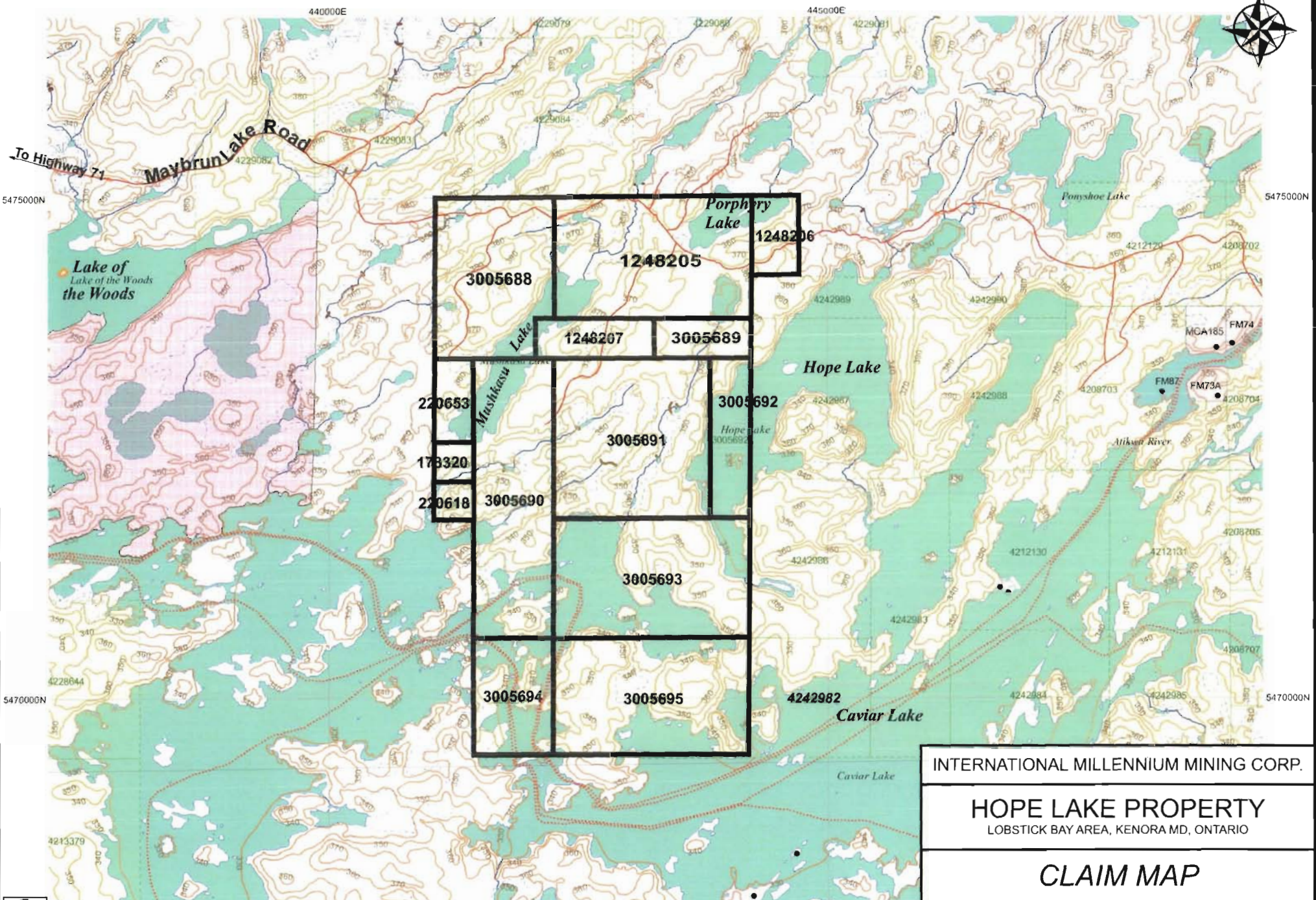


Figure 4: Regional Geology of the Kakagi Lake - Rowan Lake greenstone belt showing the Hope Lake Property (after Blackburn et al, 1991).



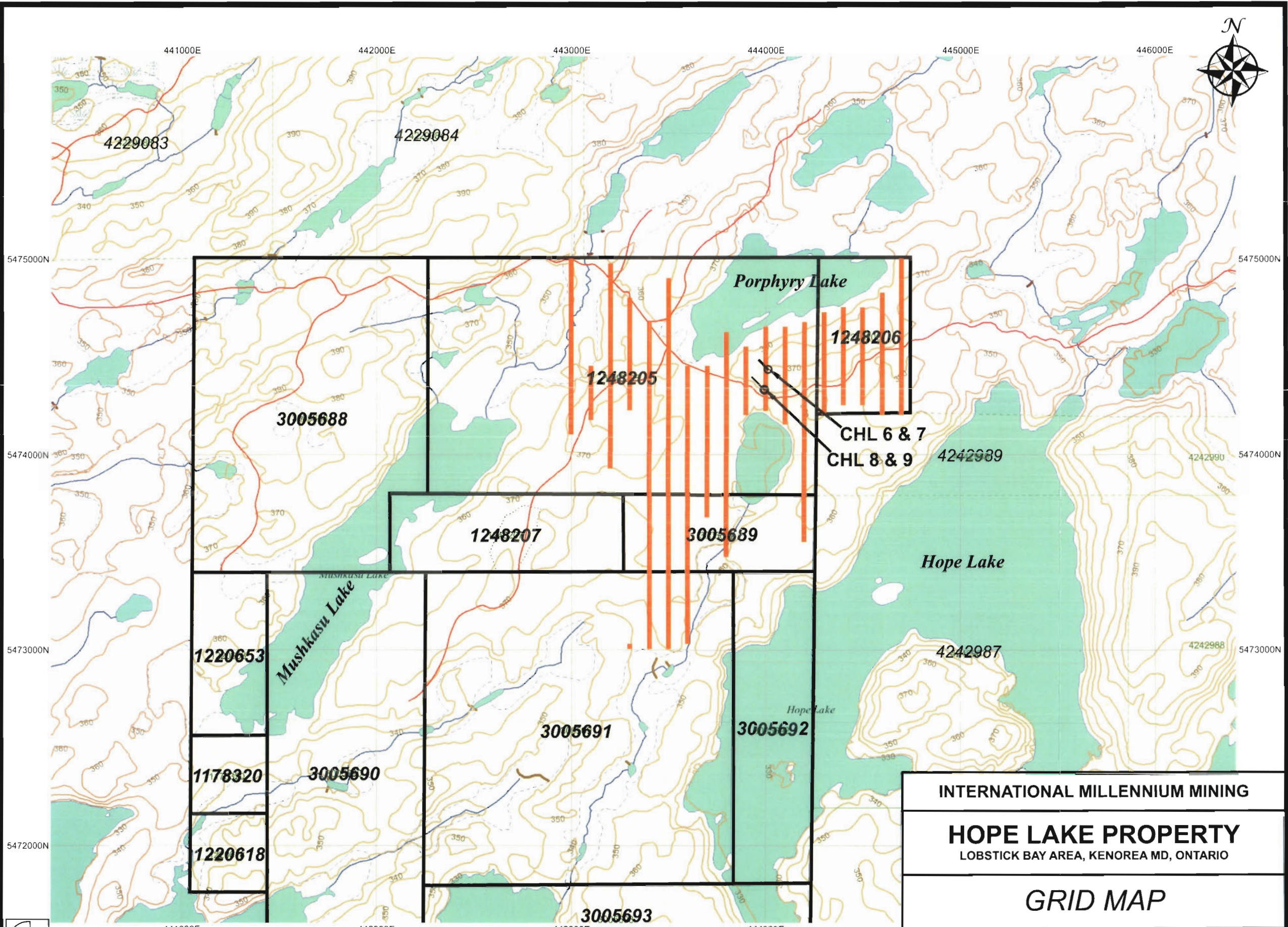
INTERNATIONAL MILLENNIUM MINING CORP.

HOPE LAKE PROPERTY
LOBSTICK BAY AREA, KENORA MD, ONTARIO

CLAIM MAP

DRAWN BY: DGM	JOB NO: 07-09	NTS: 52F/5	DATE: DEC 08	FIG NO: 3
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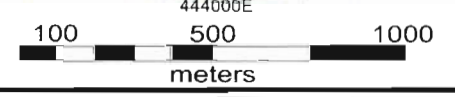




INTERNATIONAL MILLENNIUM MINING

HOPE LAKE PROPERTY
LOBSTICK BAY AREA, KENOREA MD, ONTARIO

GRID MAP



DRAWN BY: DGM	JOB NO: 07-09	NTS: 52F/5	DATE: DEC 08	FIG NO: 4
-------------------------	-------------------------	----------------------	------------------------	---------------------

fig. 7

INTERNATIONAL MILLENNIUM MINING CORP.

HOPE LAKE PROPERTY

Lobstick Bay Area, Kenora M.D., Ontario

MMI SOIL SAMPLING

Response Ratio - Histogram

Line 43000E

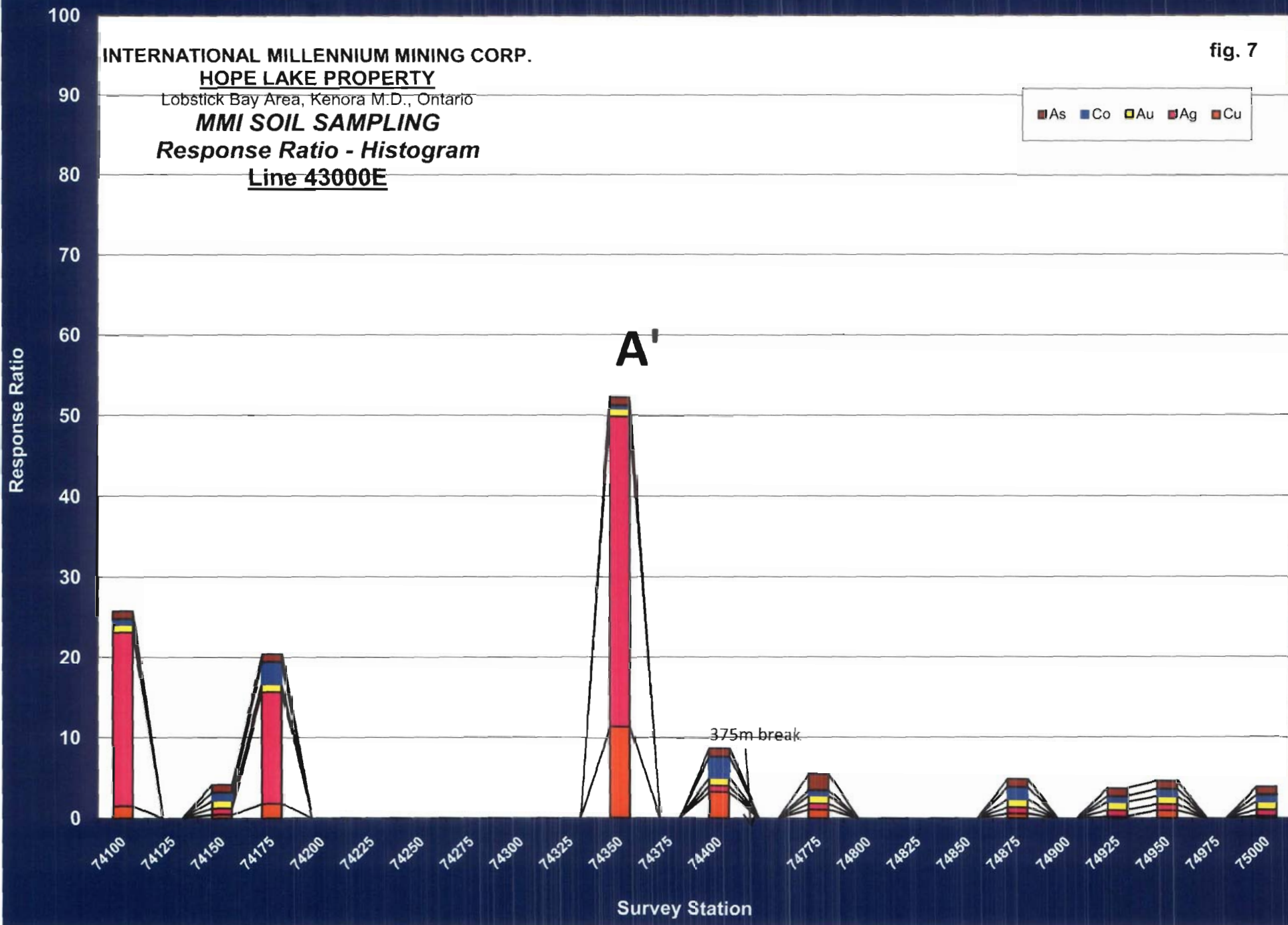


fig. 8

INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 431000E

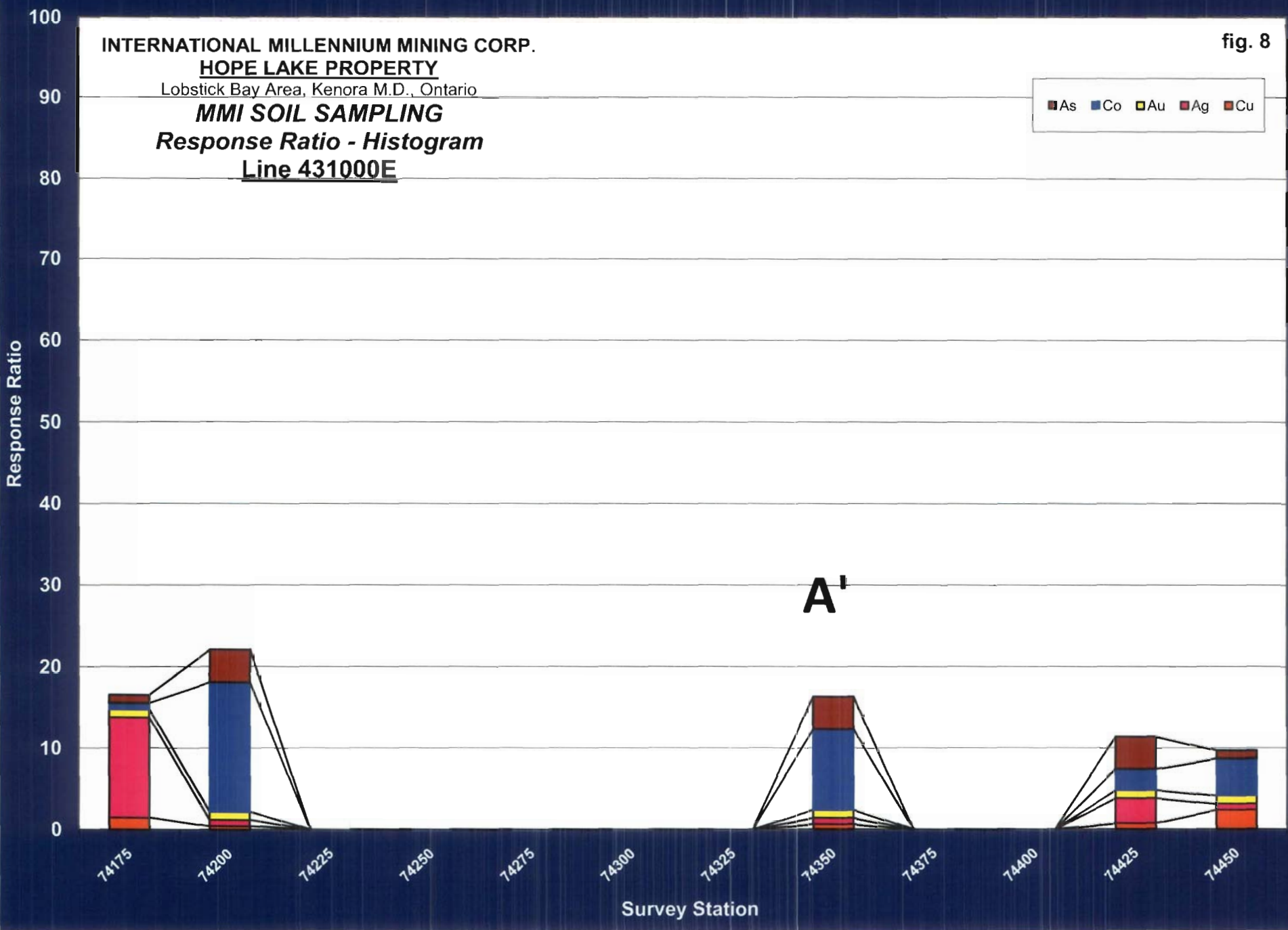
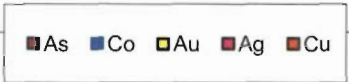
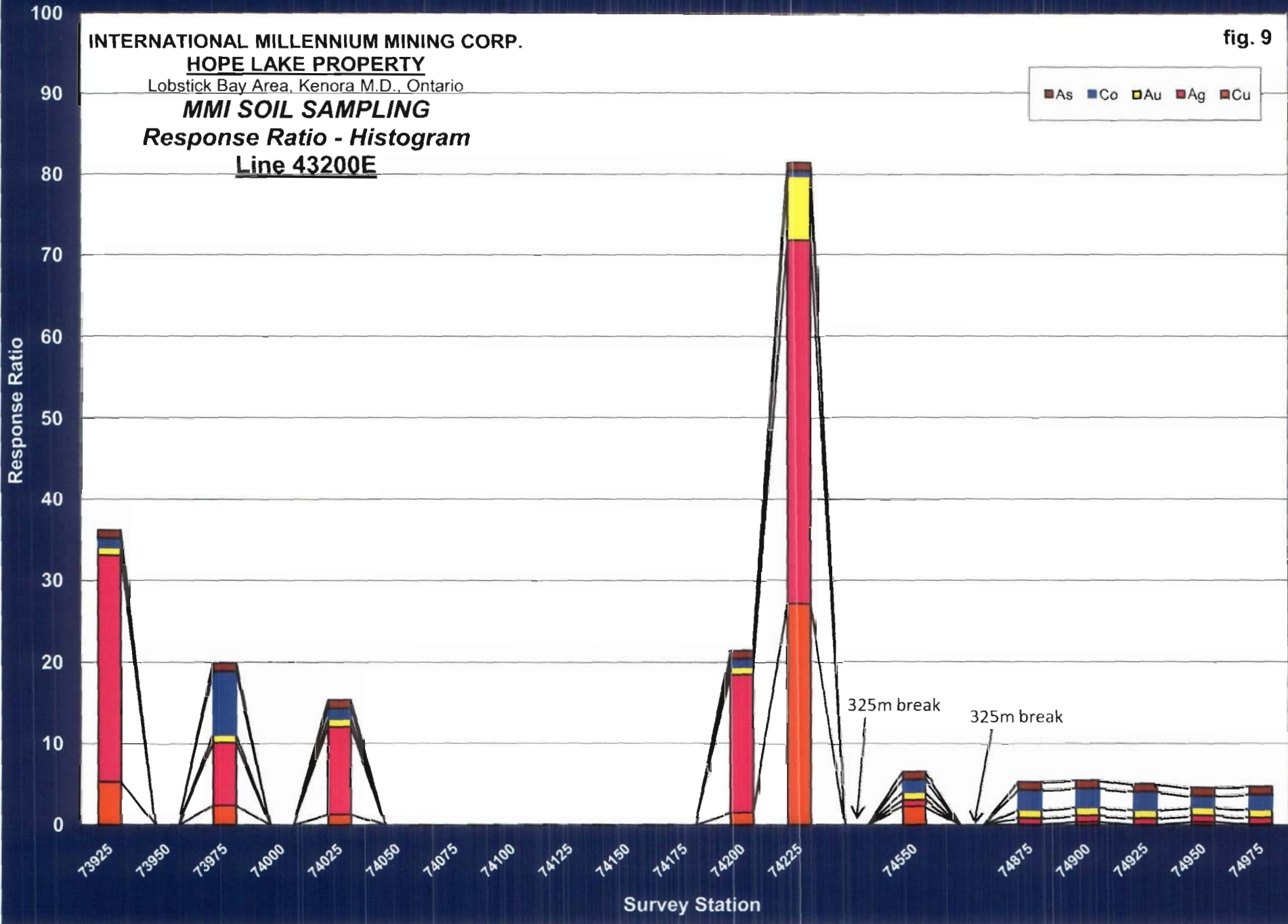


fig. 9

INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 43200E

As Co Au Ag Cu



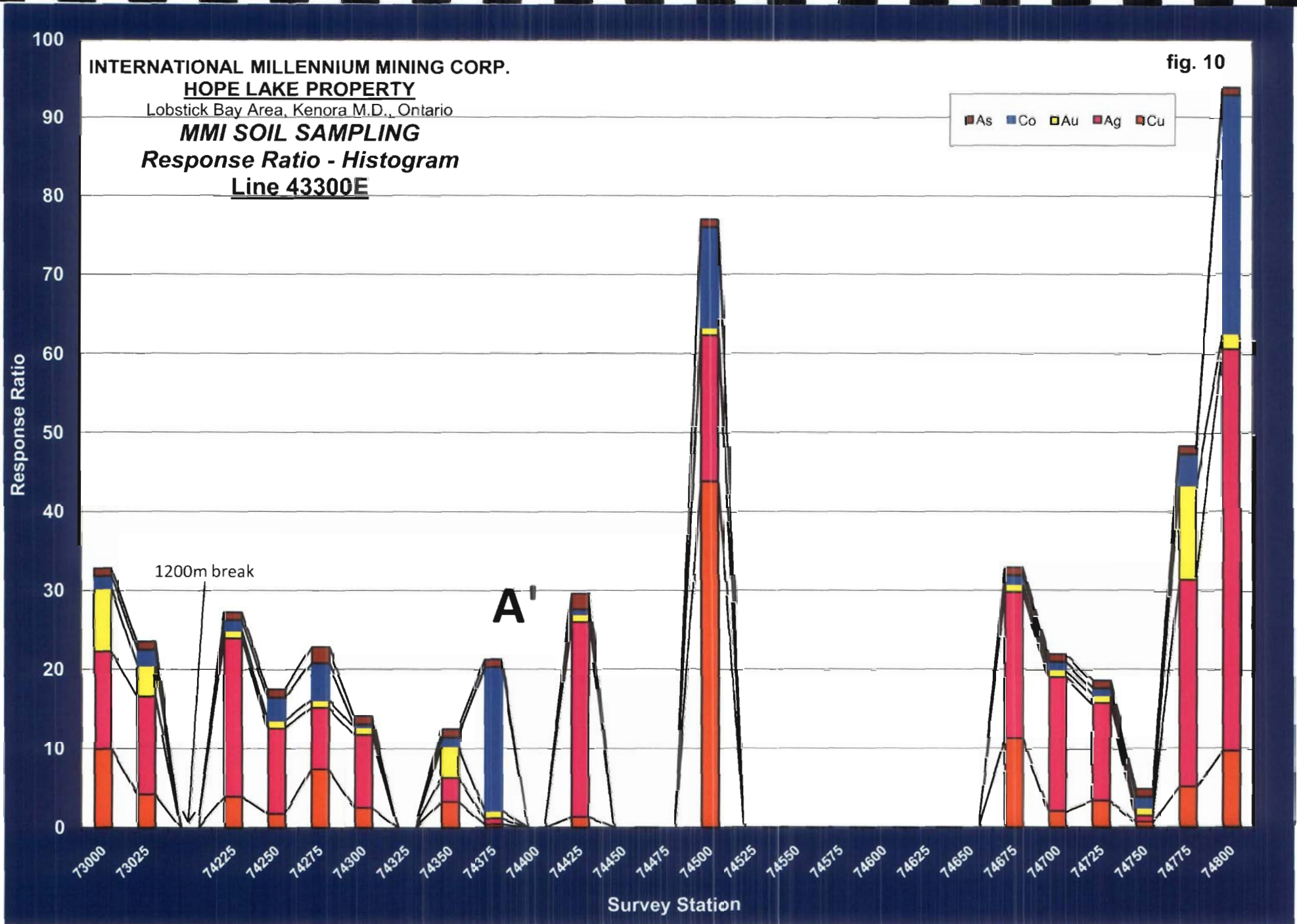
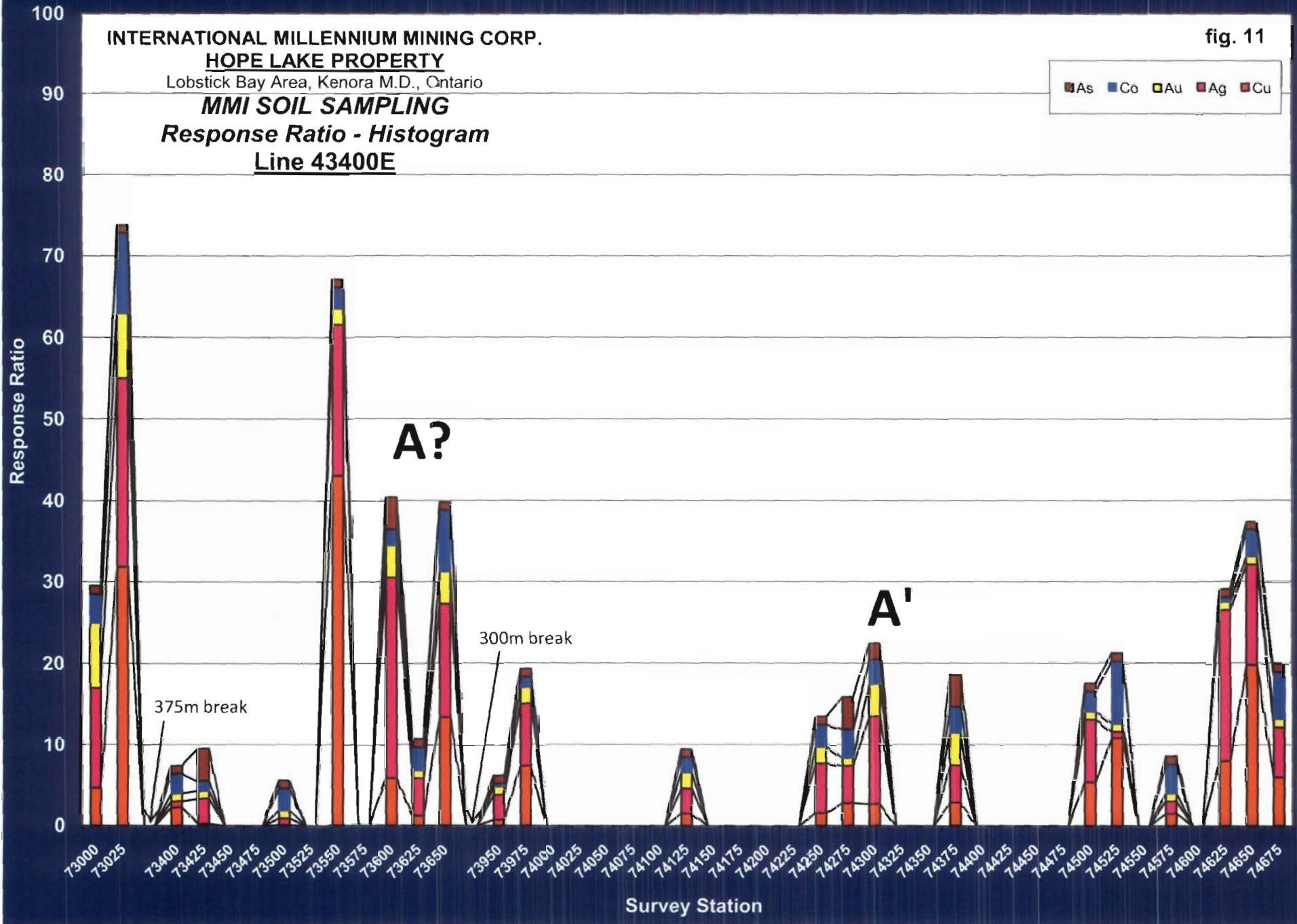
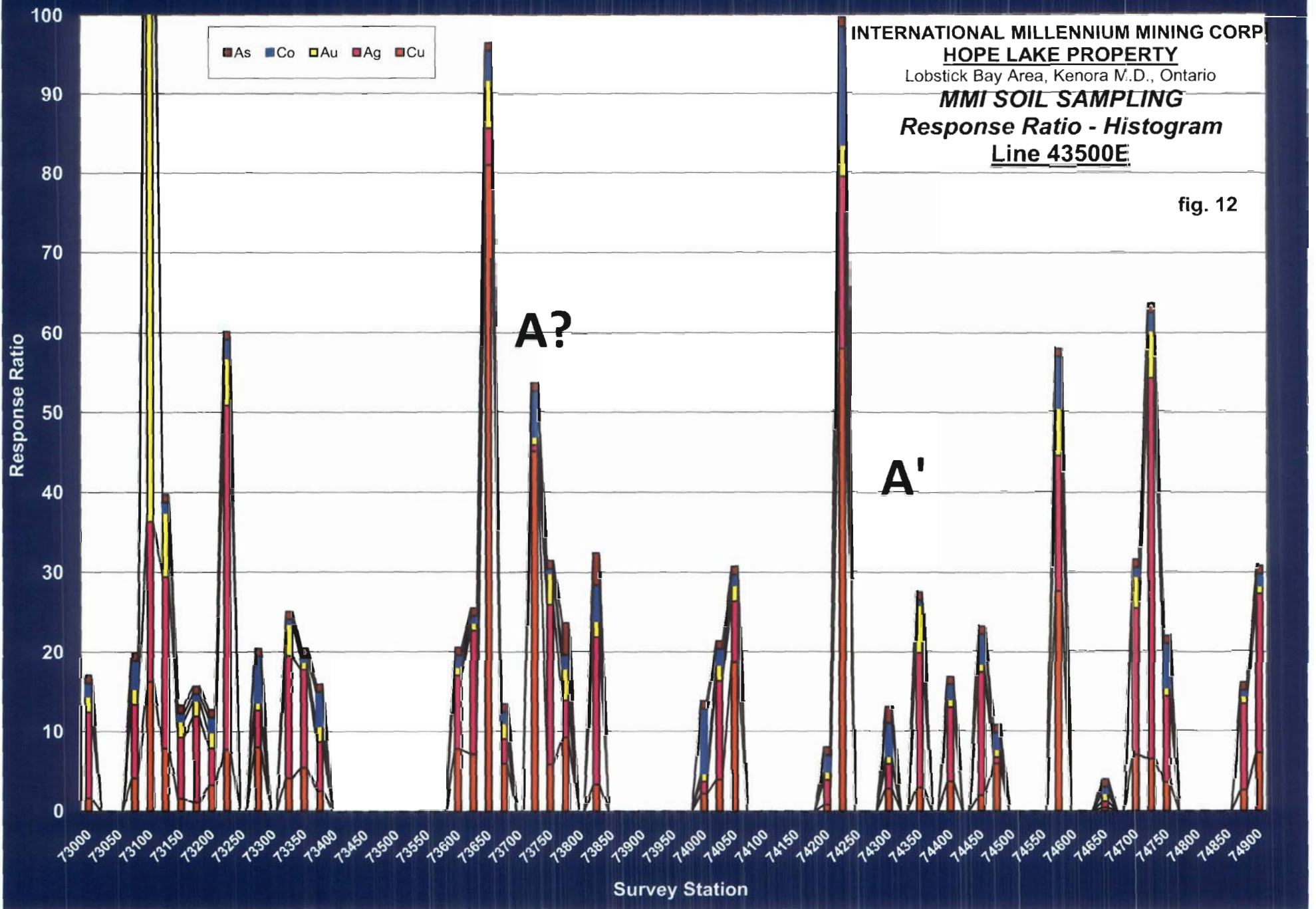


fig. 11

INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 43400E

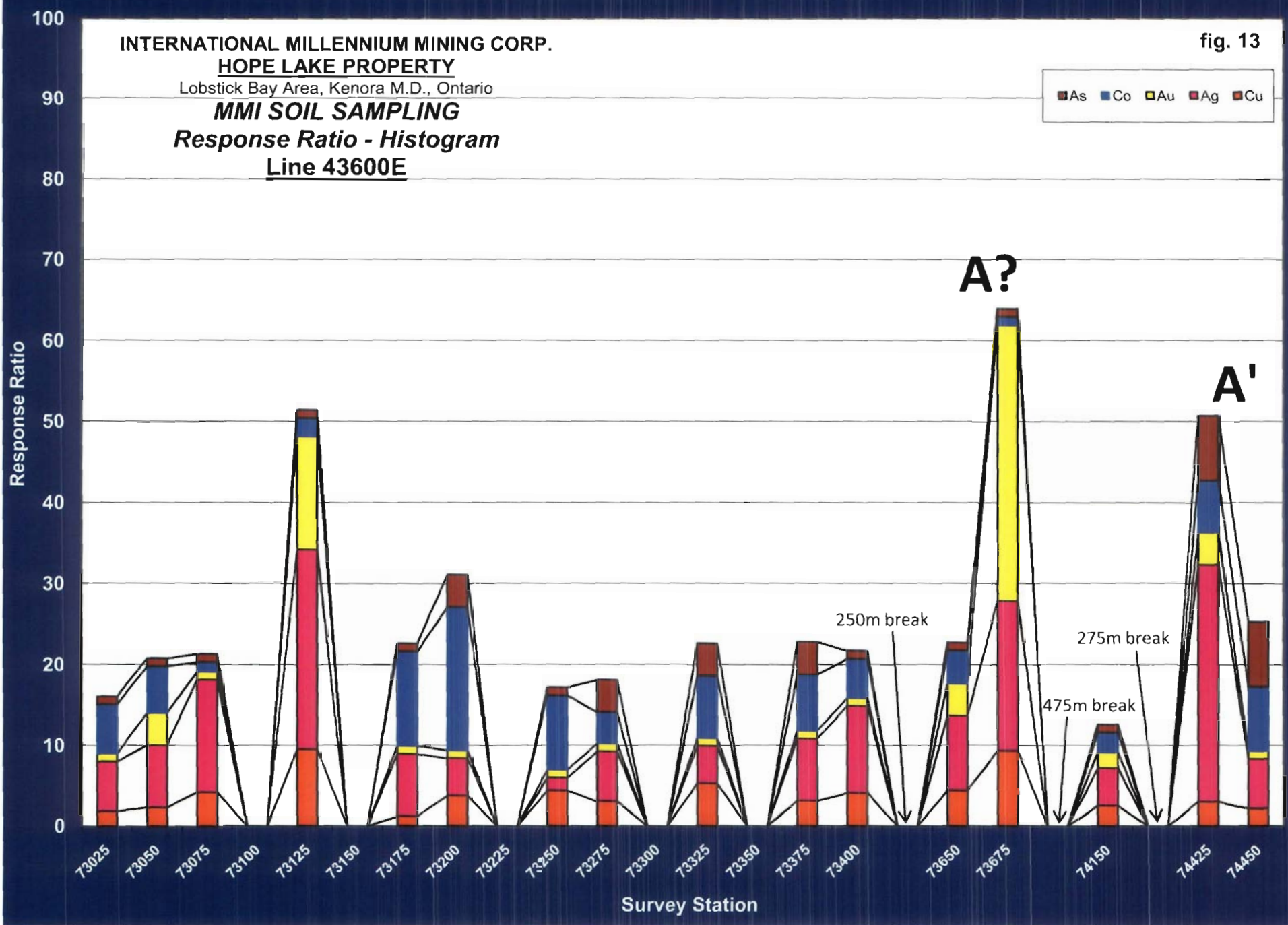
As Co Au Ag Cu





INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
 Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
 Response Ratio - Histogram
 Line 43600E

fig. 13



INTERNATIONAL MILLENNIUM MINING CORP.
 HOPE LAKE PROPERTY
 Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
 Response Ratio - Histogram
 Line 43700E

fig. 14

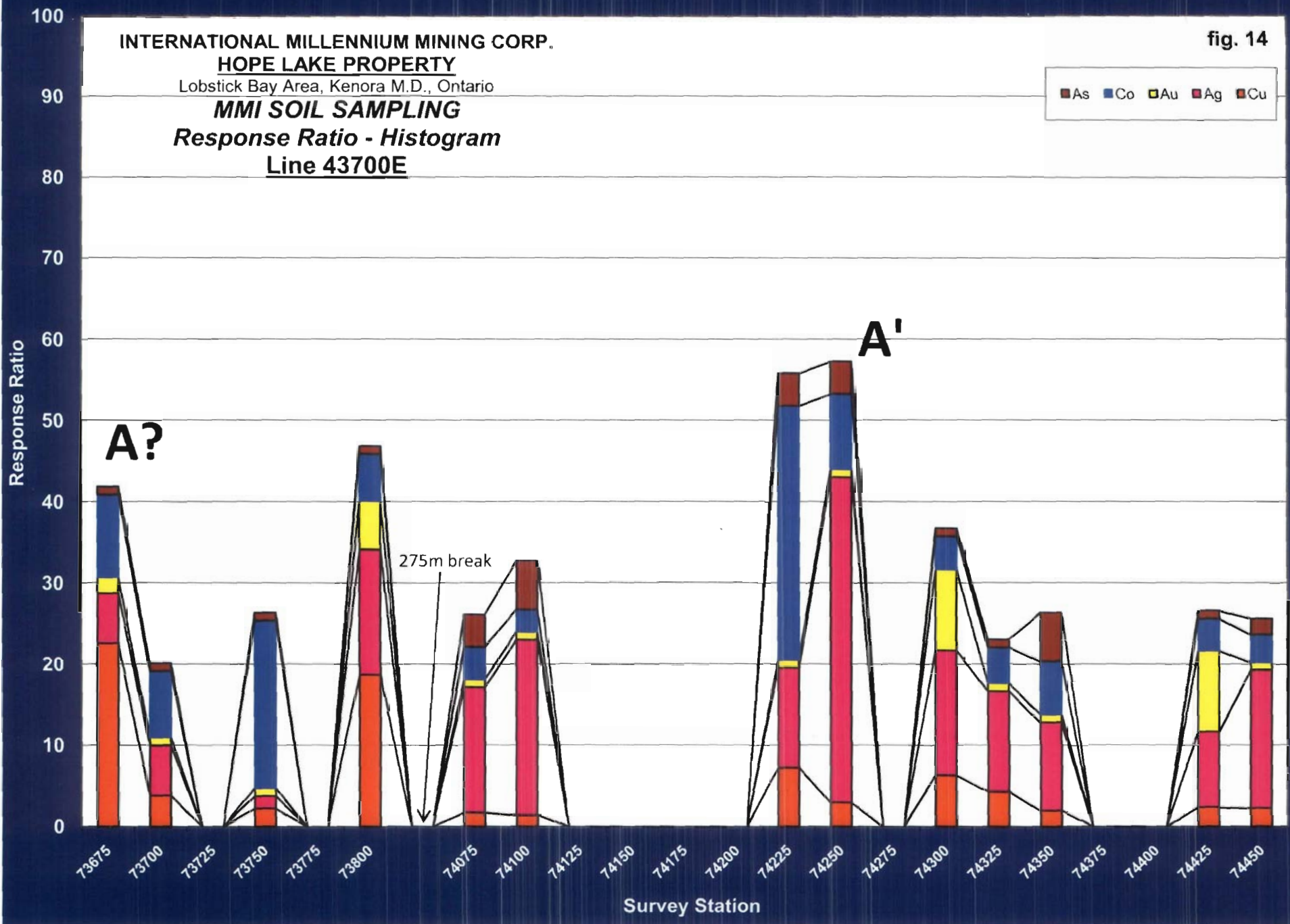
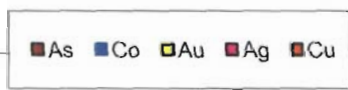


fig. 15

INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 43800E

As Co Au Ag Cu

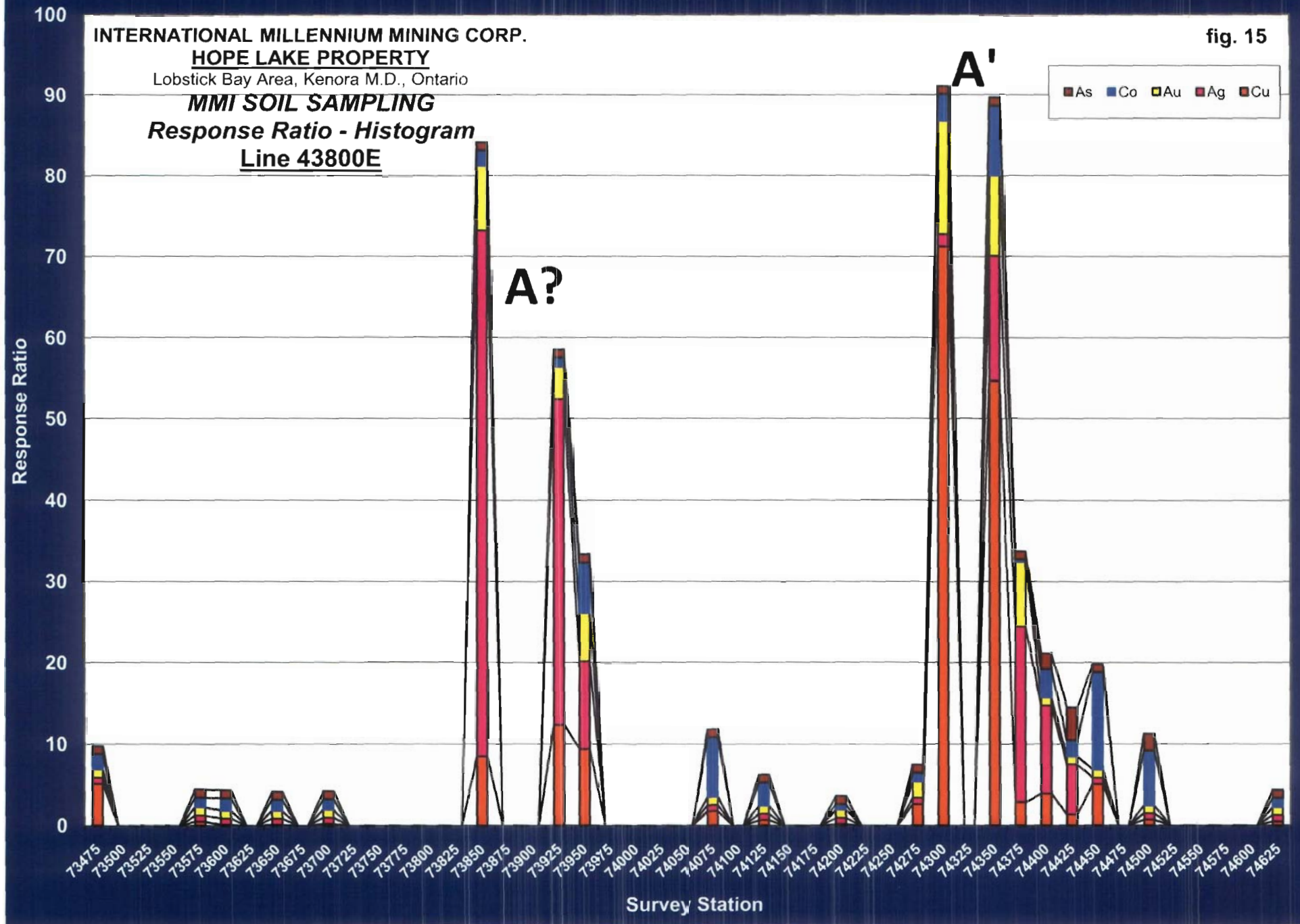


fig. 16

INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 43900E

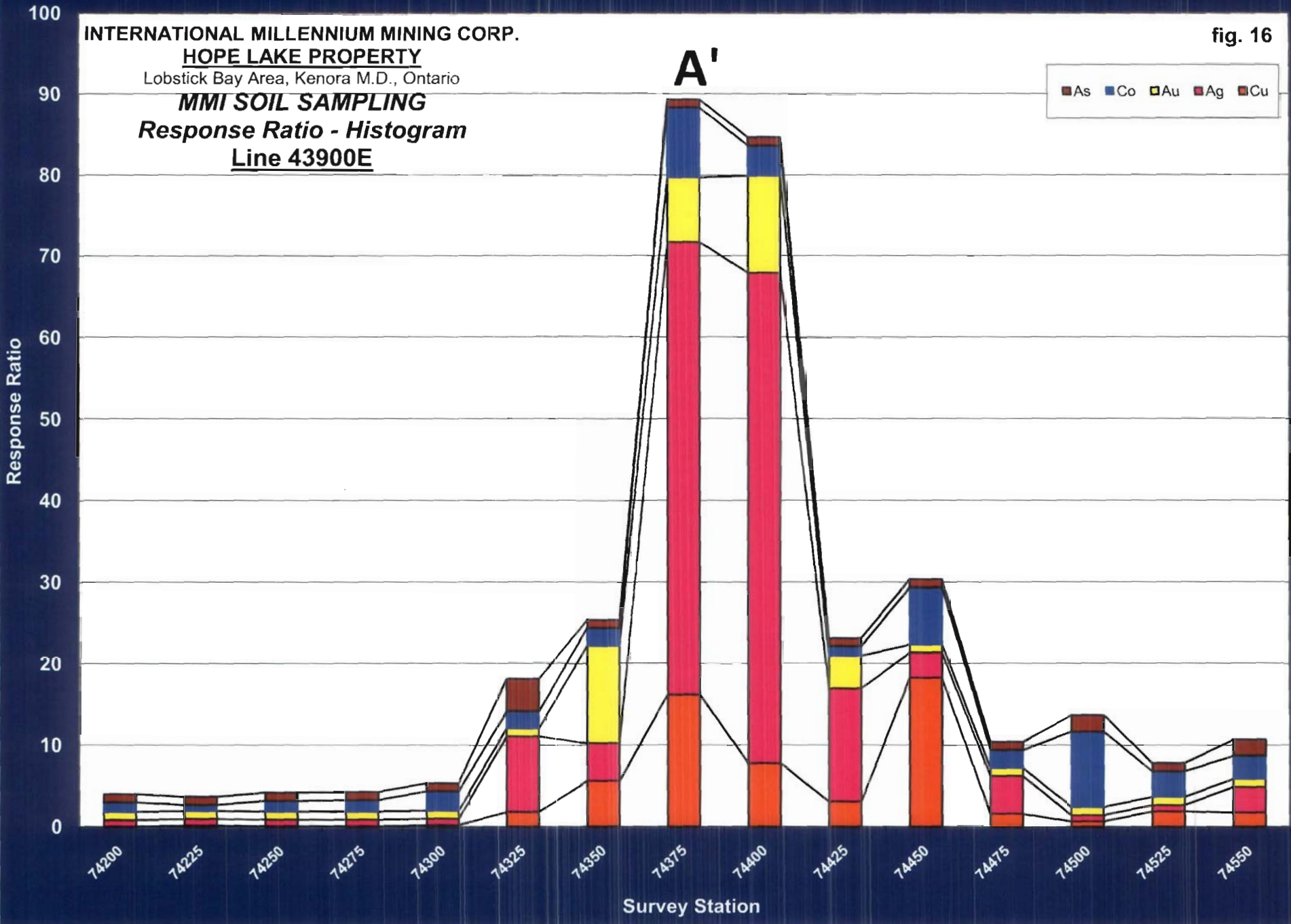
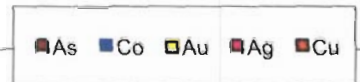


fig. 17

INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 44000E



Response Ratio

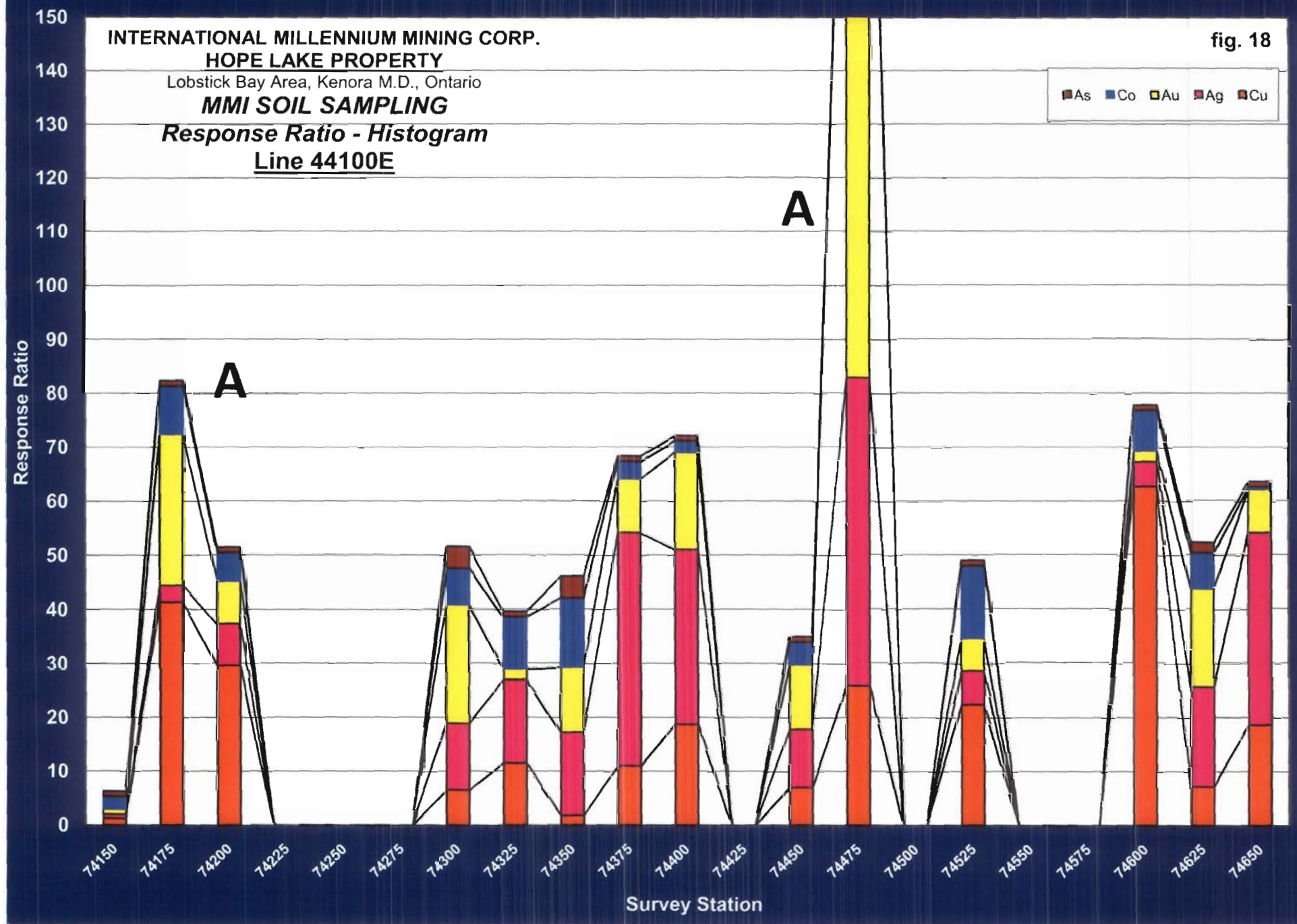
A

74225 74250 74275 74300 74325 74350 74375 74400 74425 74450 74475 74500 74525 74550 74575 74600 74625 74650

Survey Station

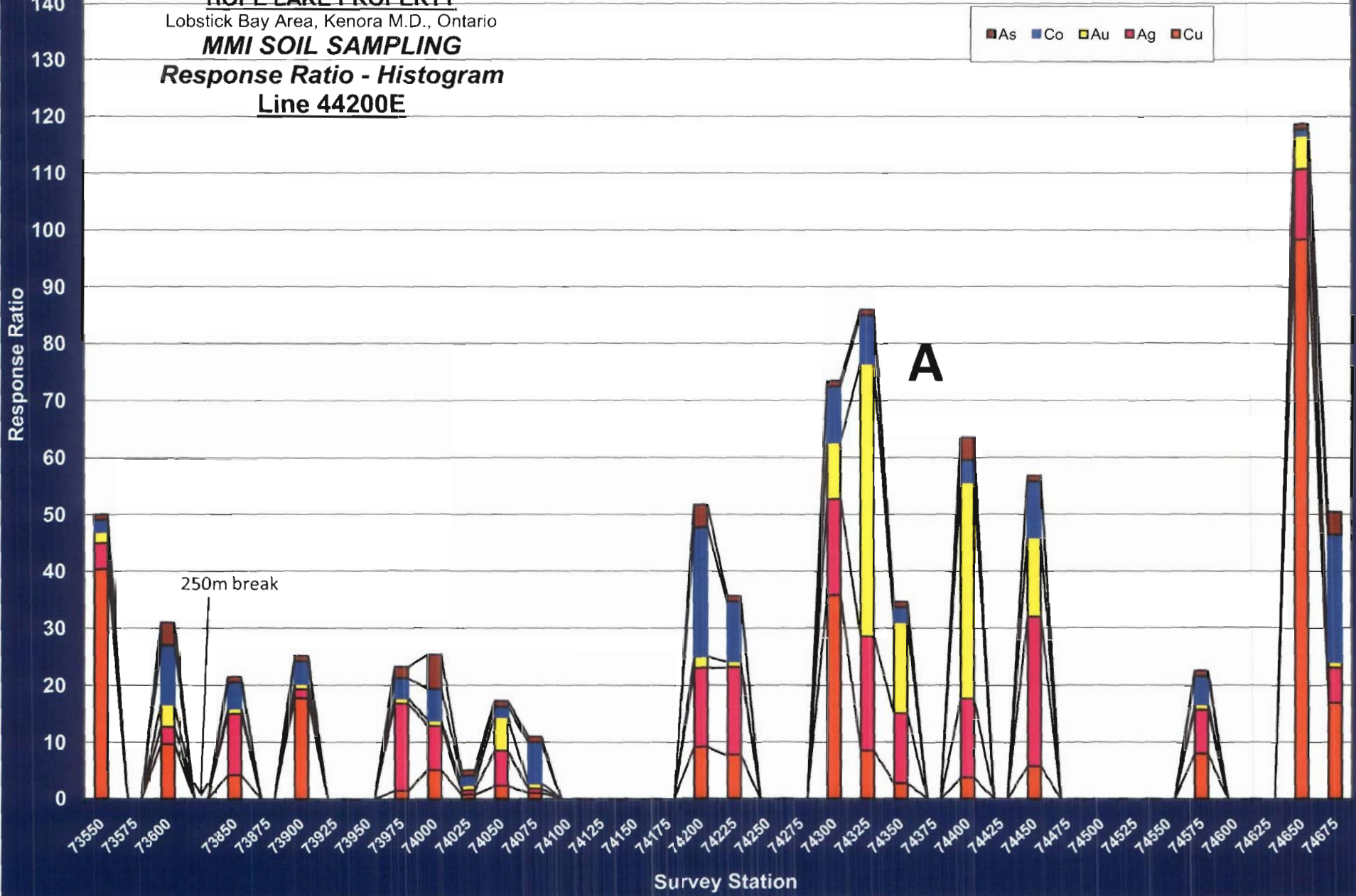
INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
 Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 44100E

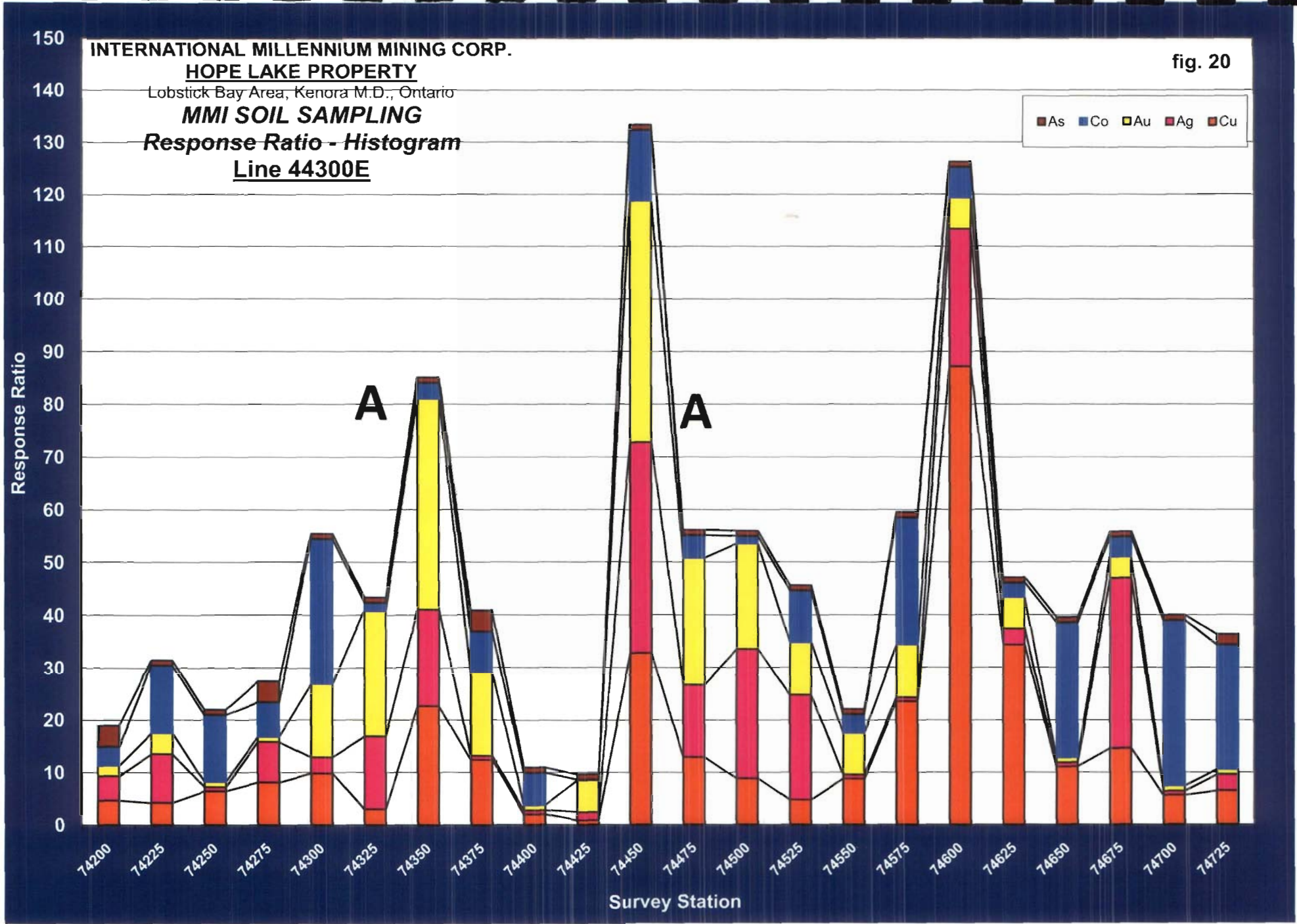
fig. 18

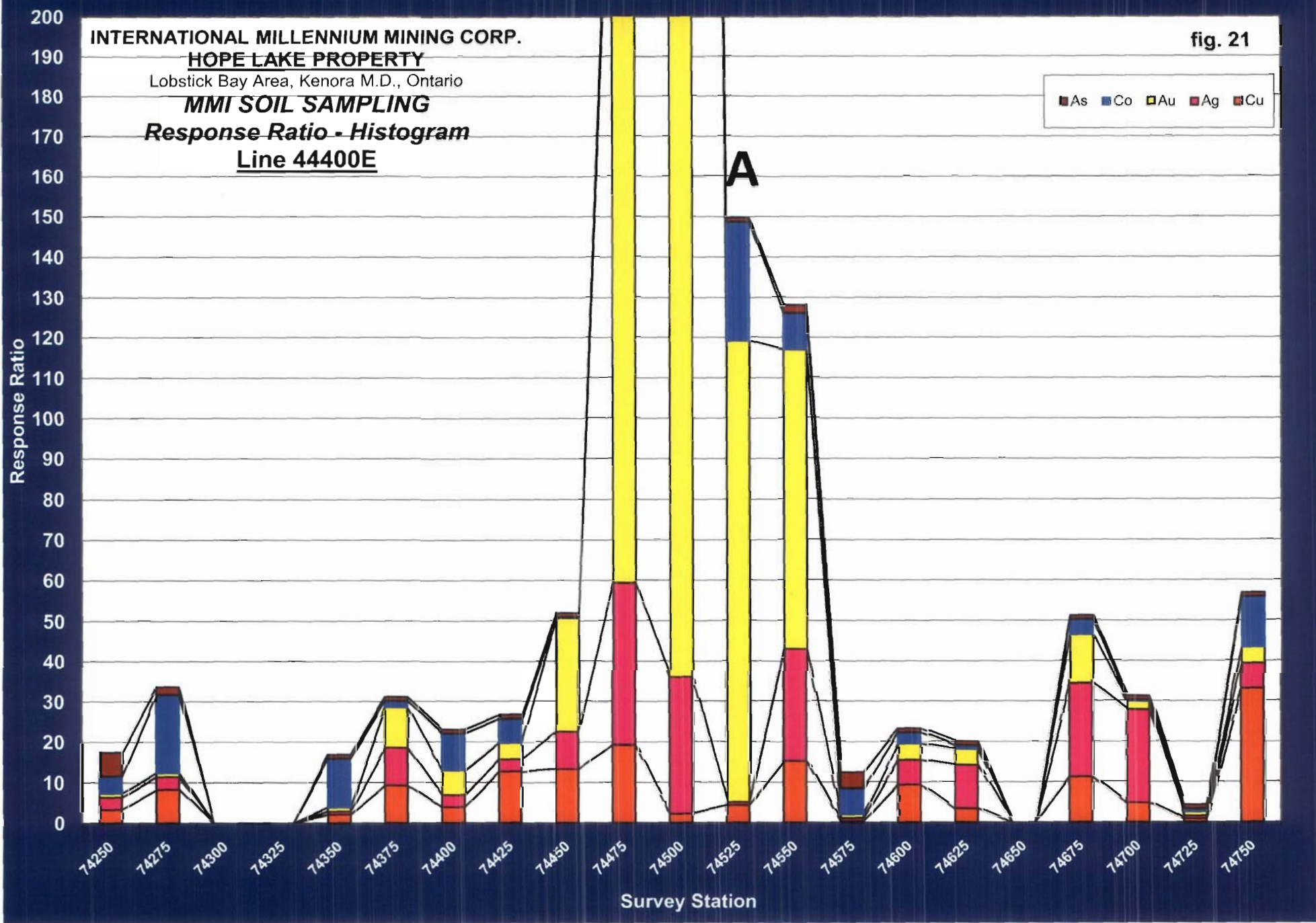


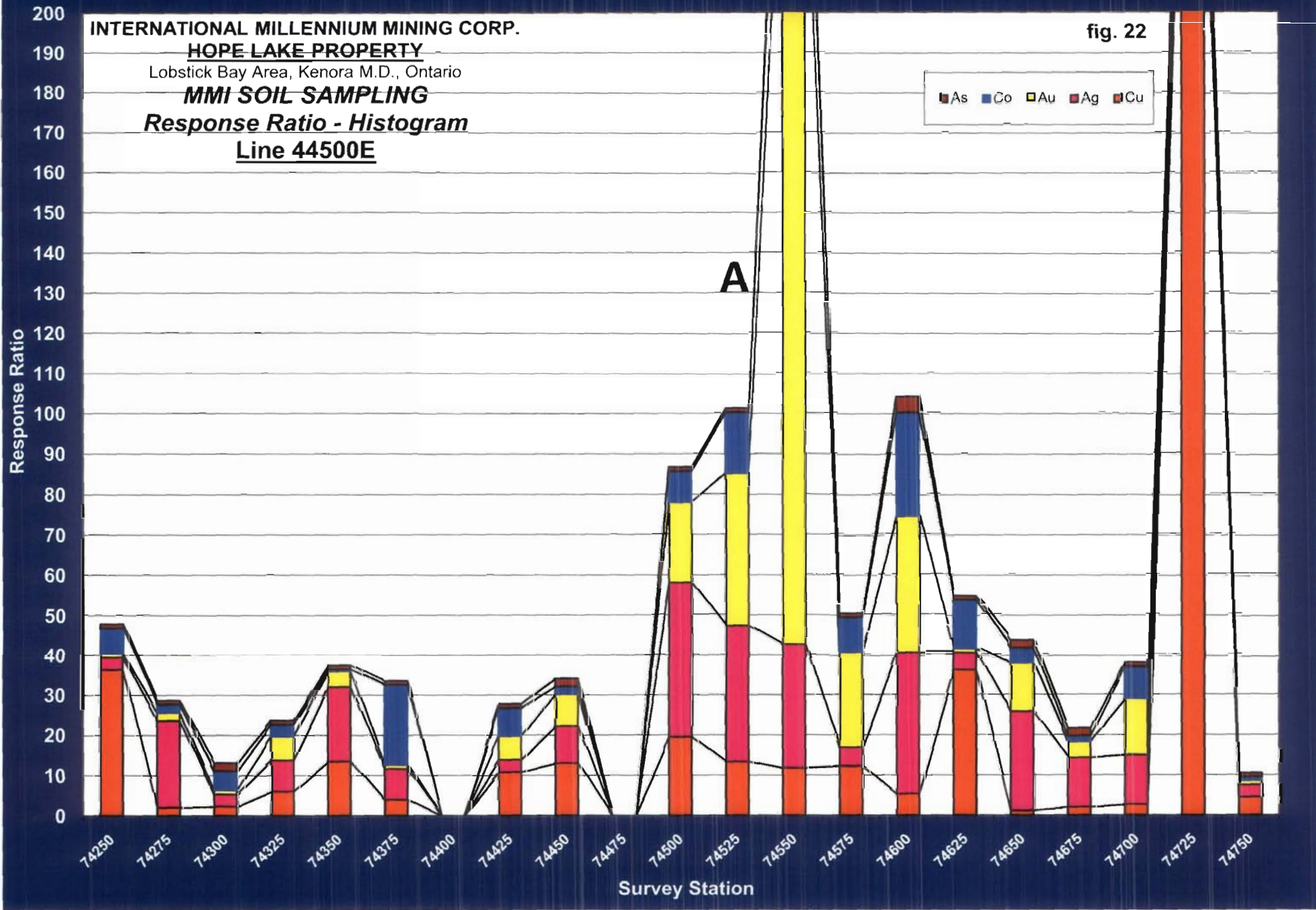
INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
 Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 44200E

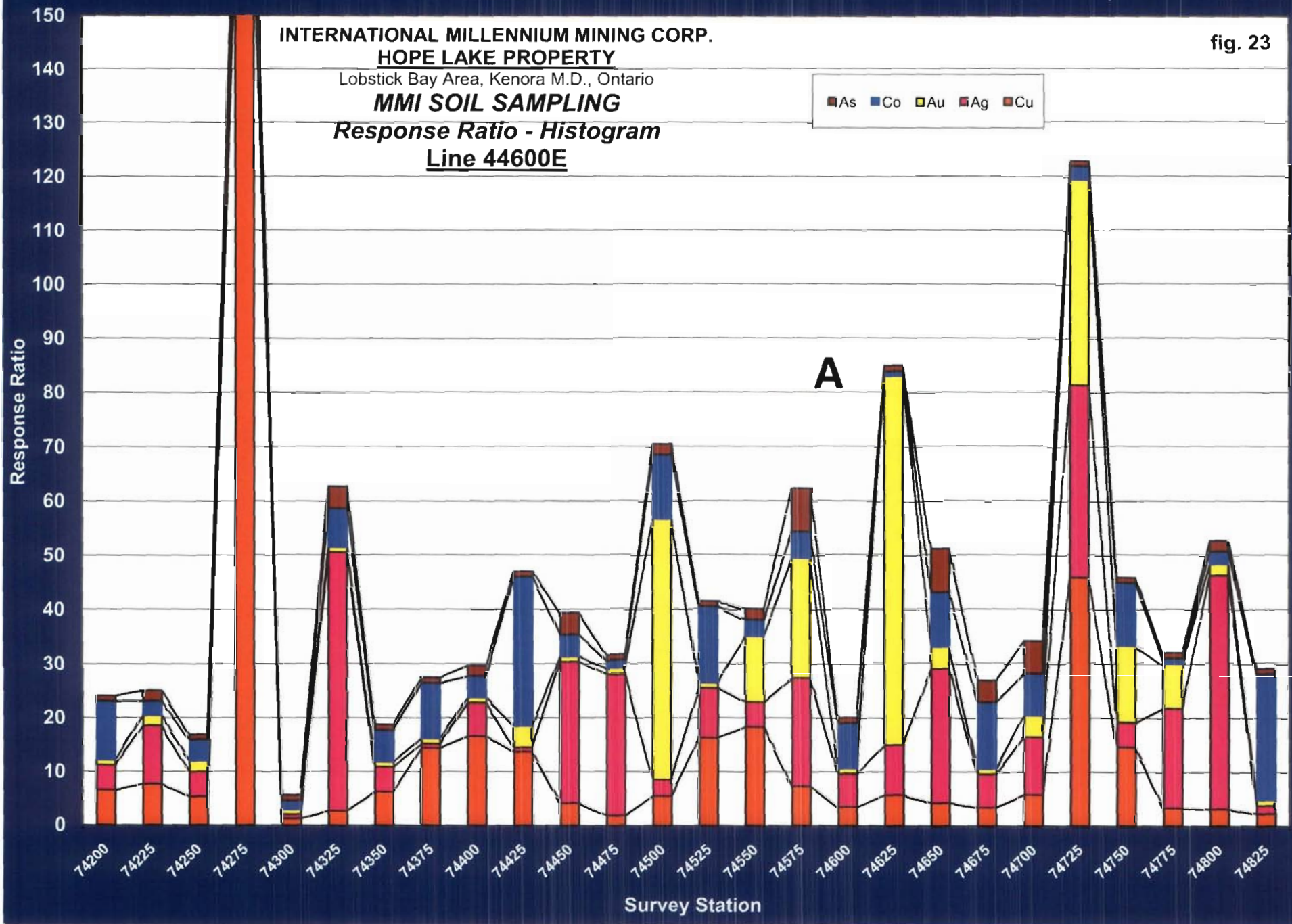
fig. 19











INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
 Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 44700E

fig. 24

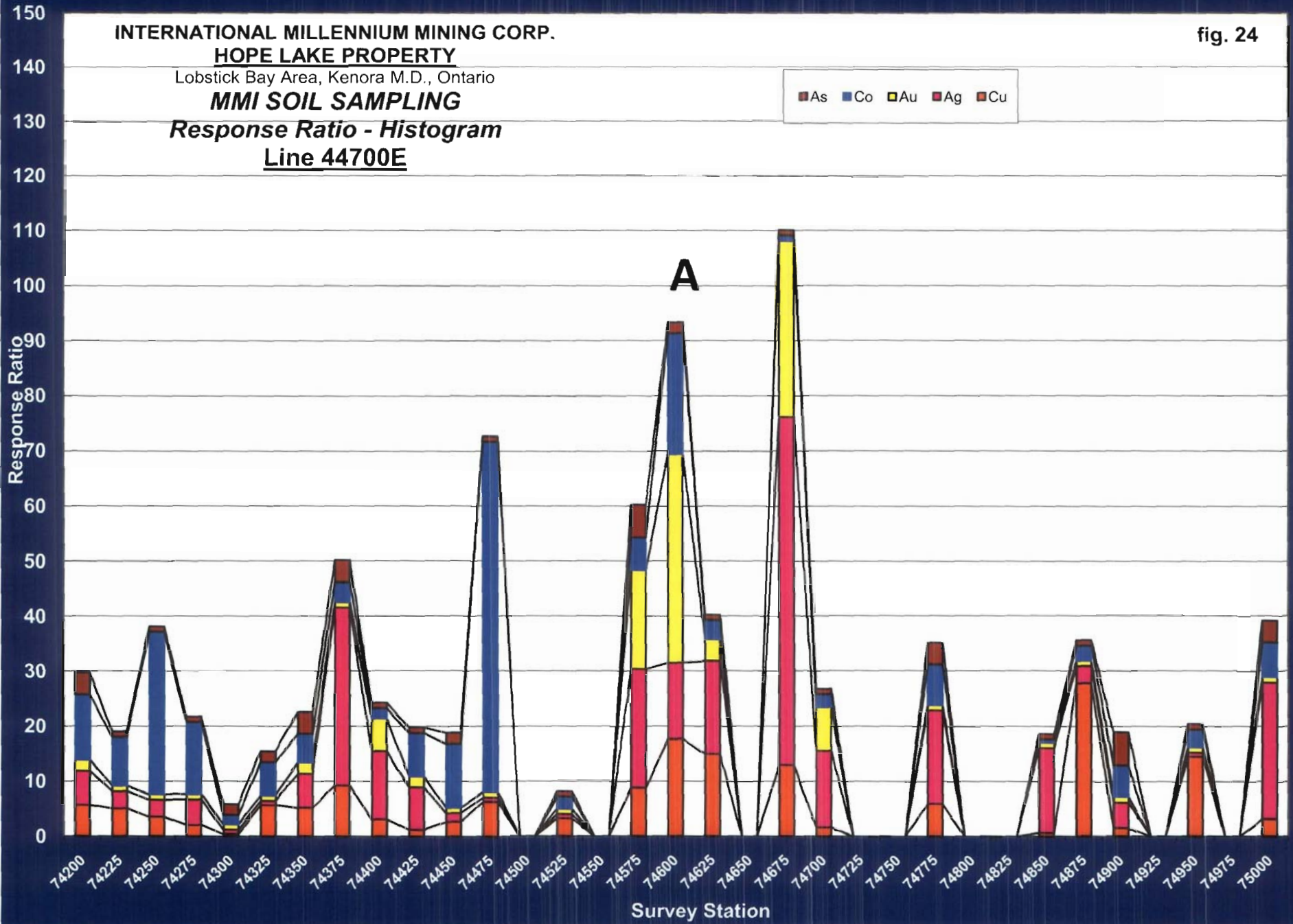
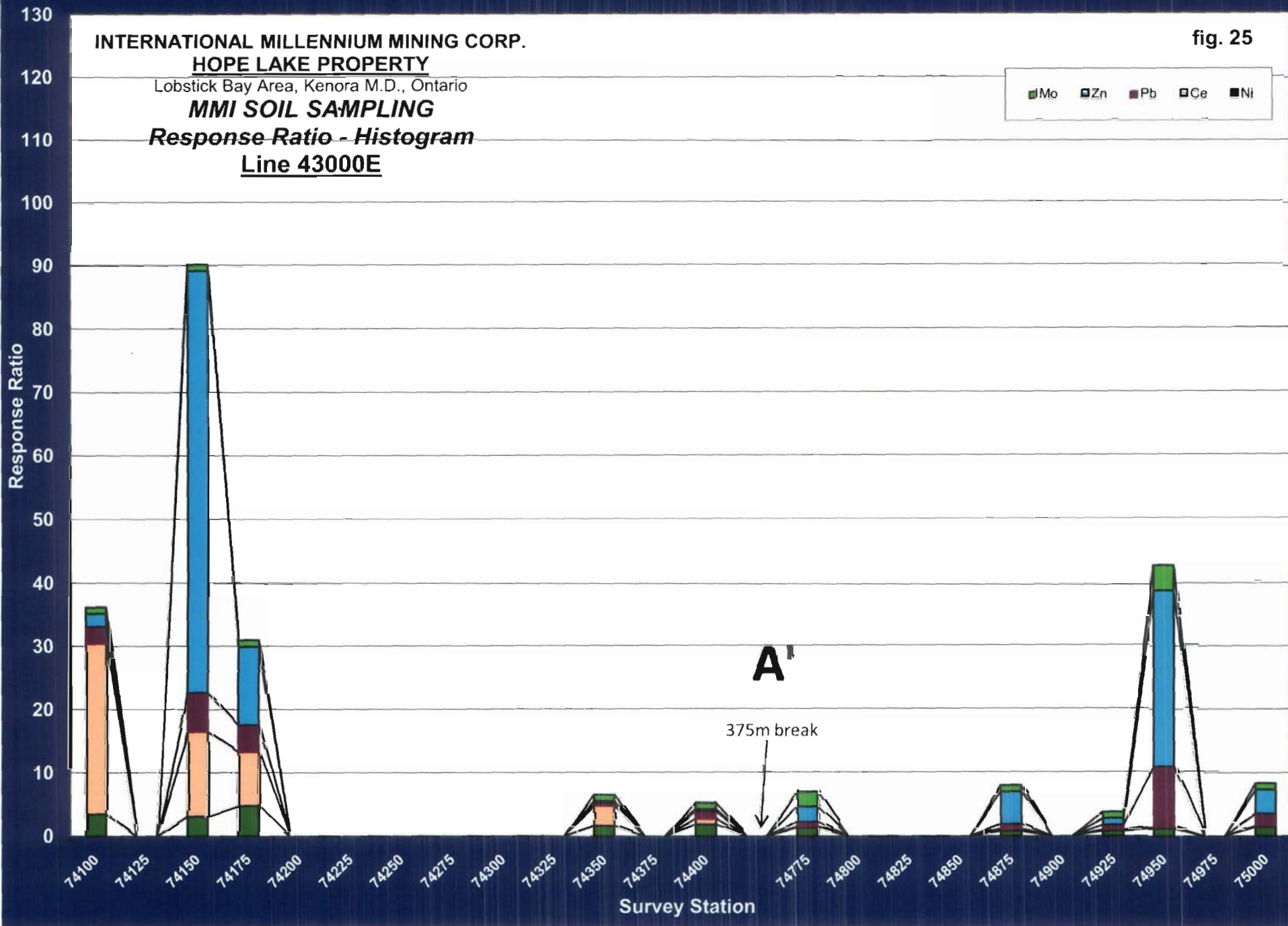
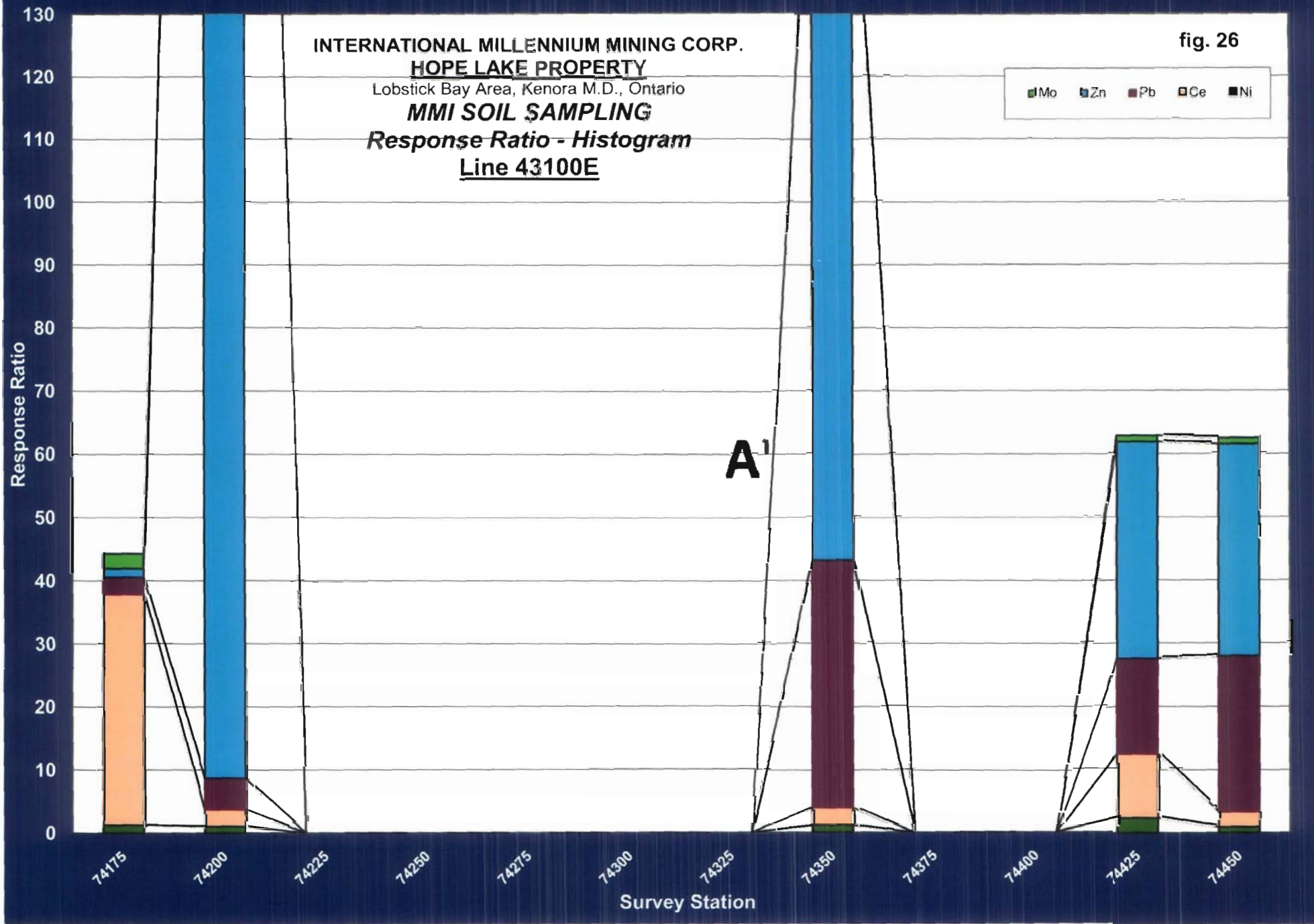


fig. 25

INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 43000E





INTERNATIONAL MILLENNIUM MINING CORP.

HOPE LAKE PROPERTY

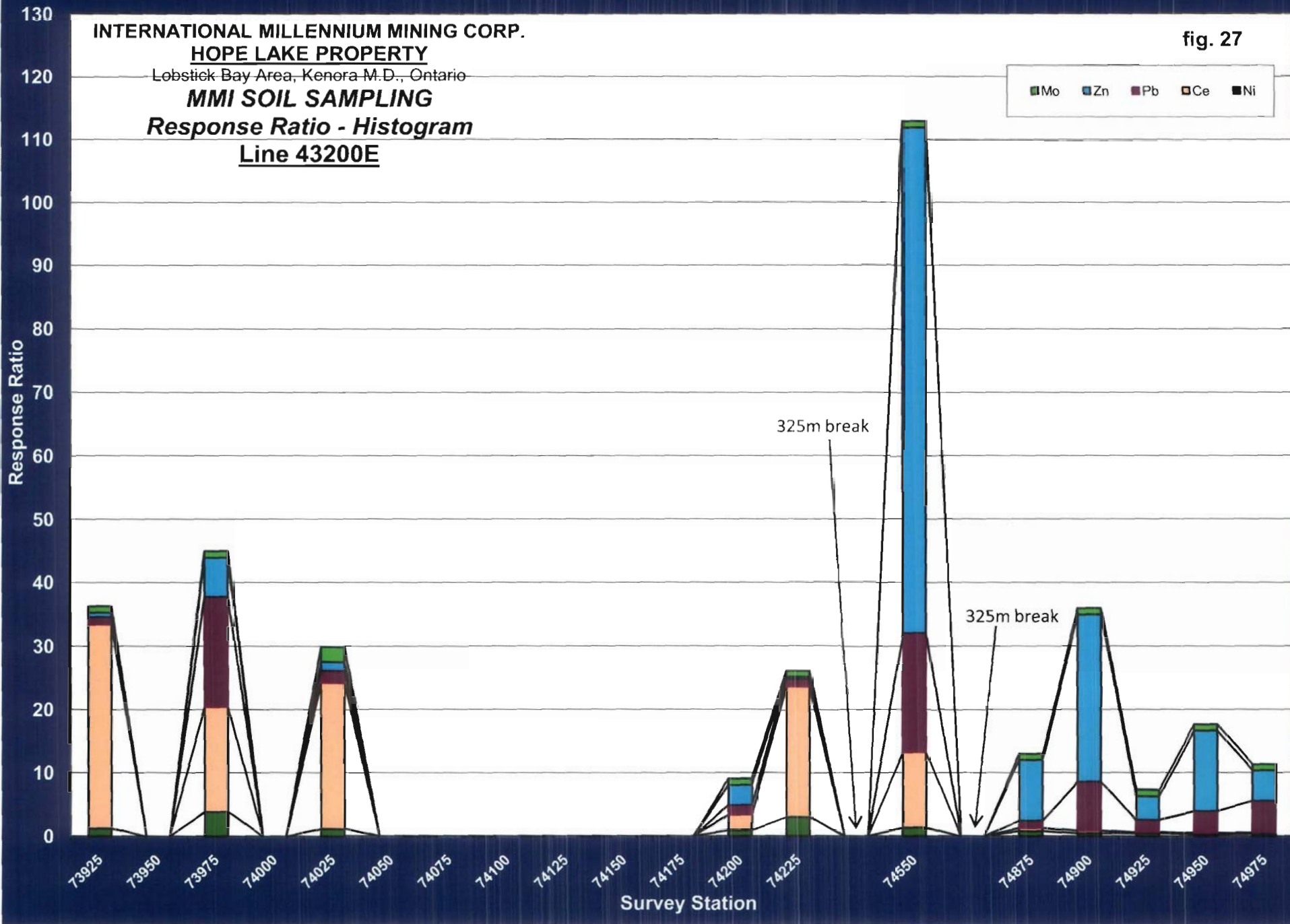
Lobstick Bay Area, Kenora M.D., Ontario

MMI SOIL SAMPLING

Response Ratio - Histogram

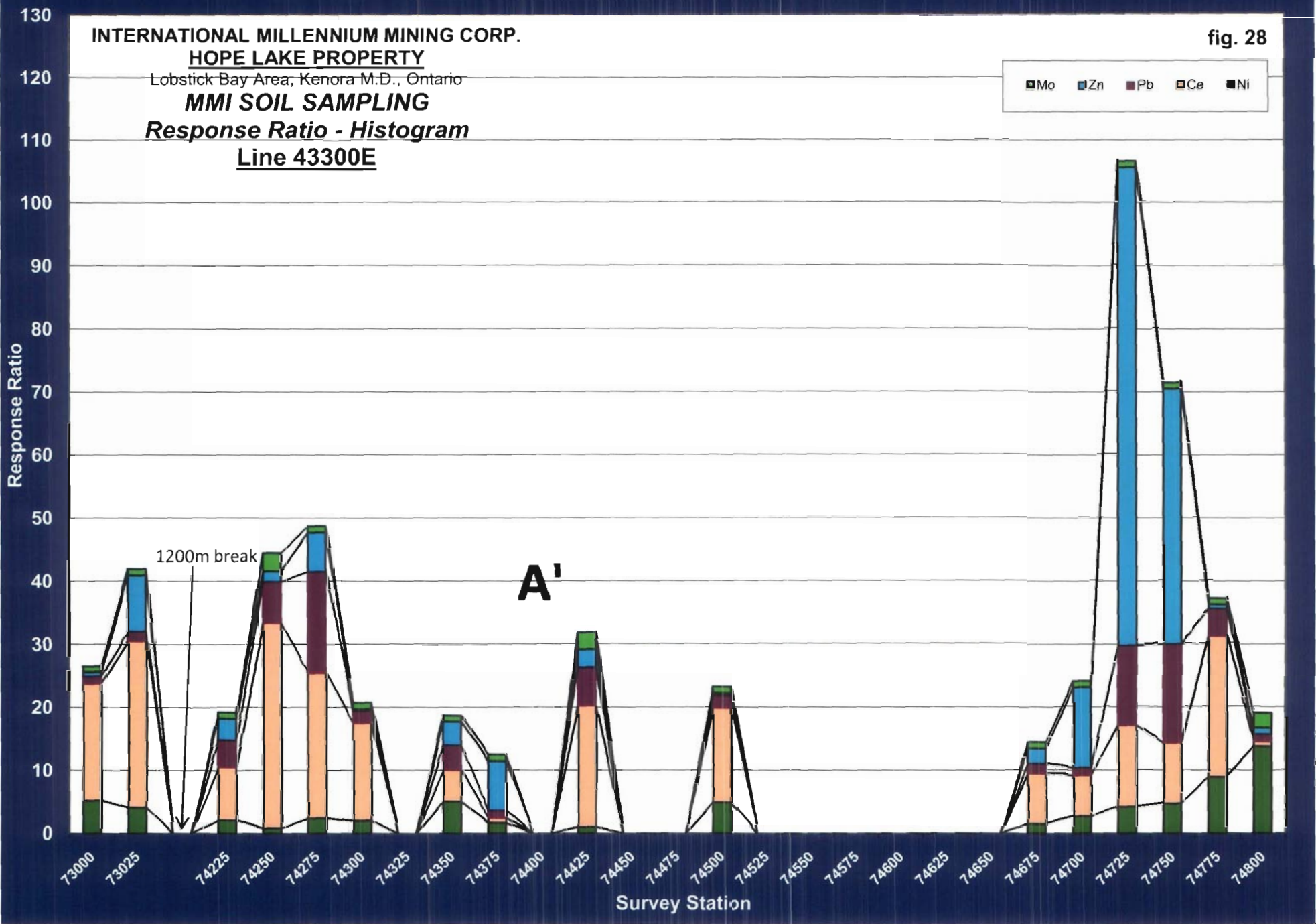
Line 43200E

fig. 27



INTERNATIONAL MILLENNIUM MINING CORP.
 HOPE LAKE PROPERTY
 Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 43300E

fig. 28



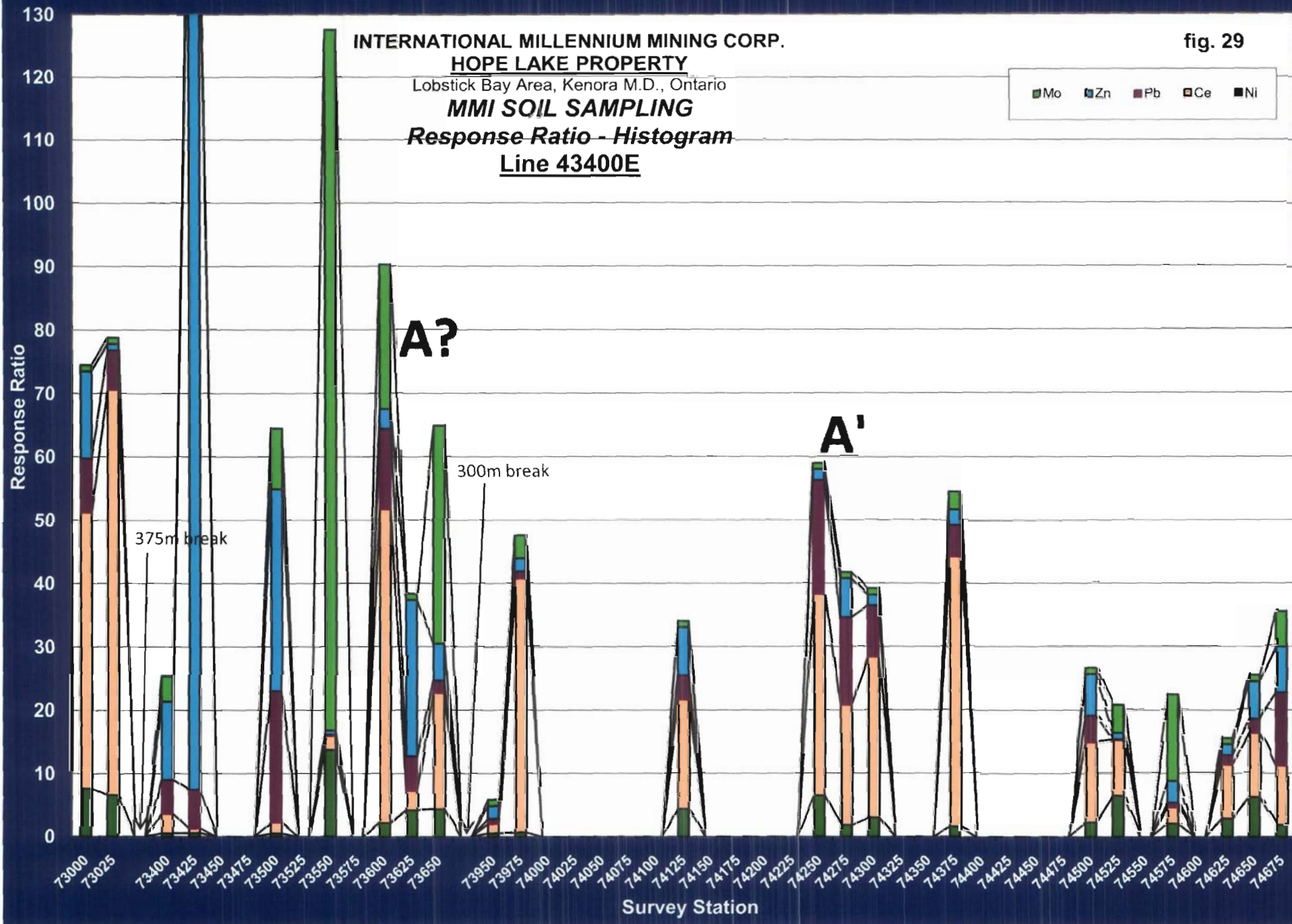
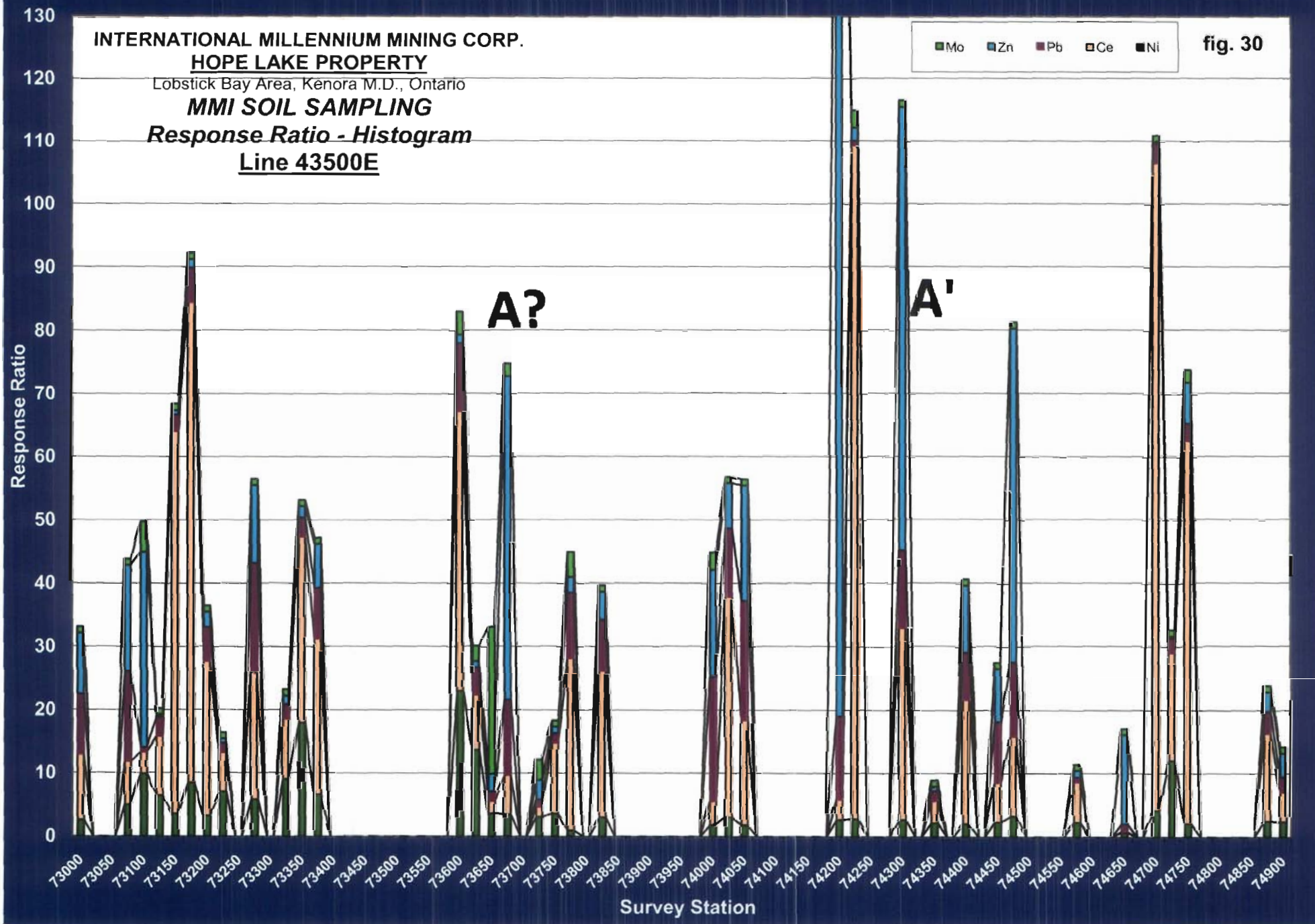


fig. 29



INTERNATIONAL MILLENNIUM MINING CORP.

HOPE LAKE PROPERTY

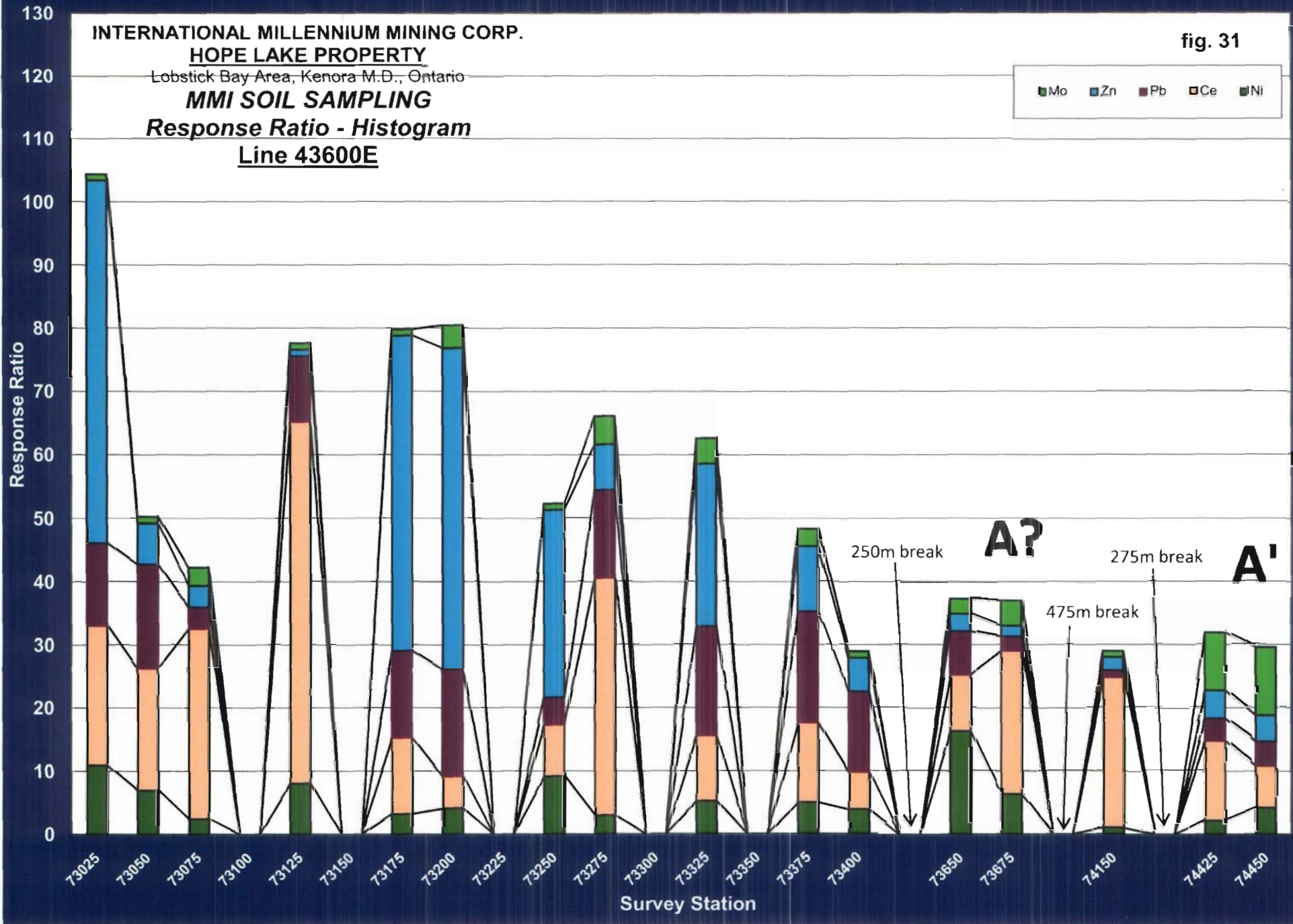
Lobstick Bay Area, Kenora M.D., Ontario

MMI SOIL SAMPLING

Response Ratio - Histogram

Line 43600E

fig. 31



INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
 Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 43700E

fig. 32

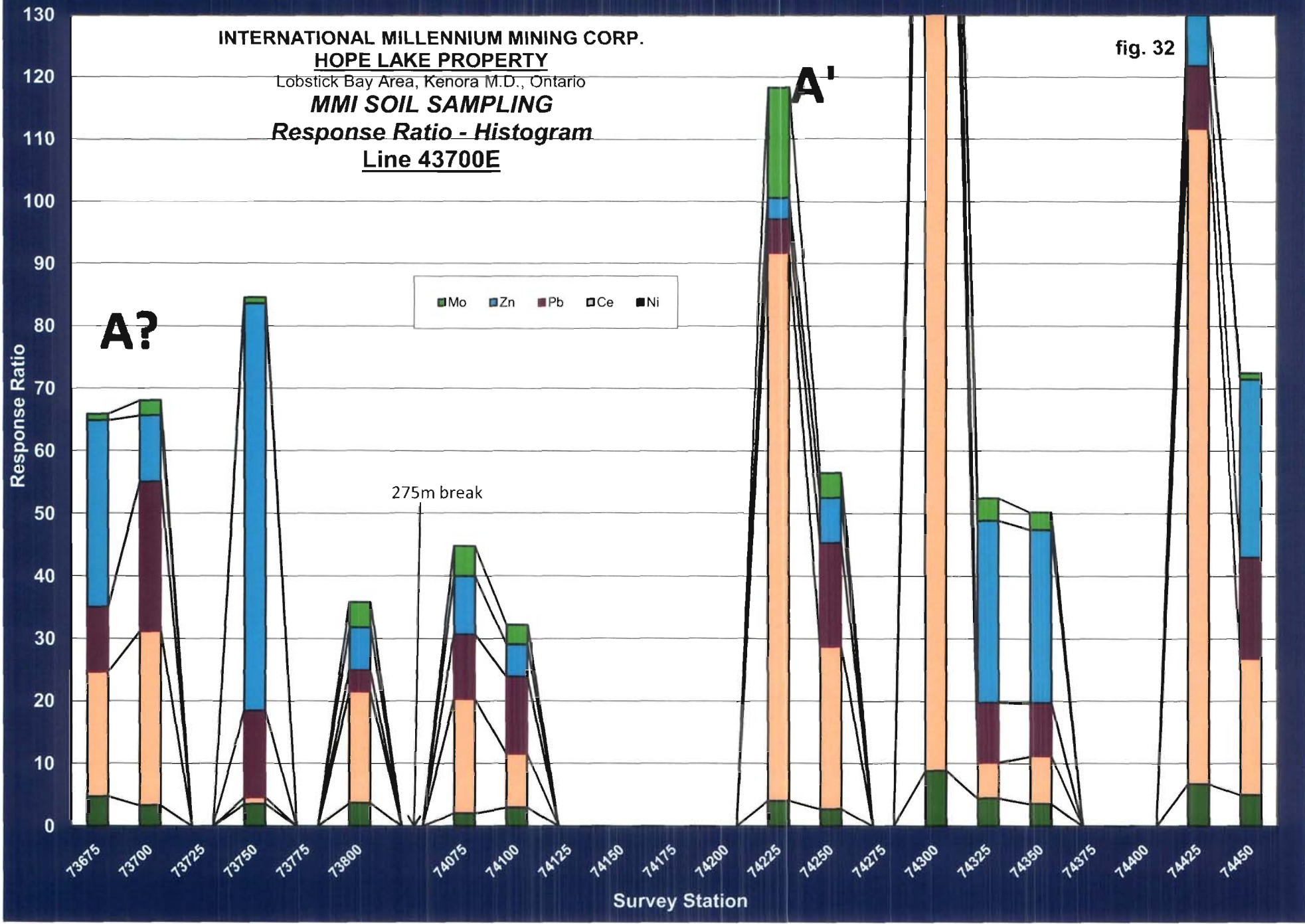
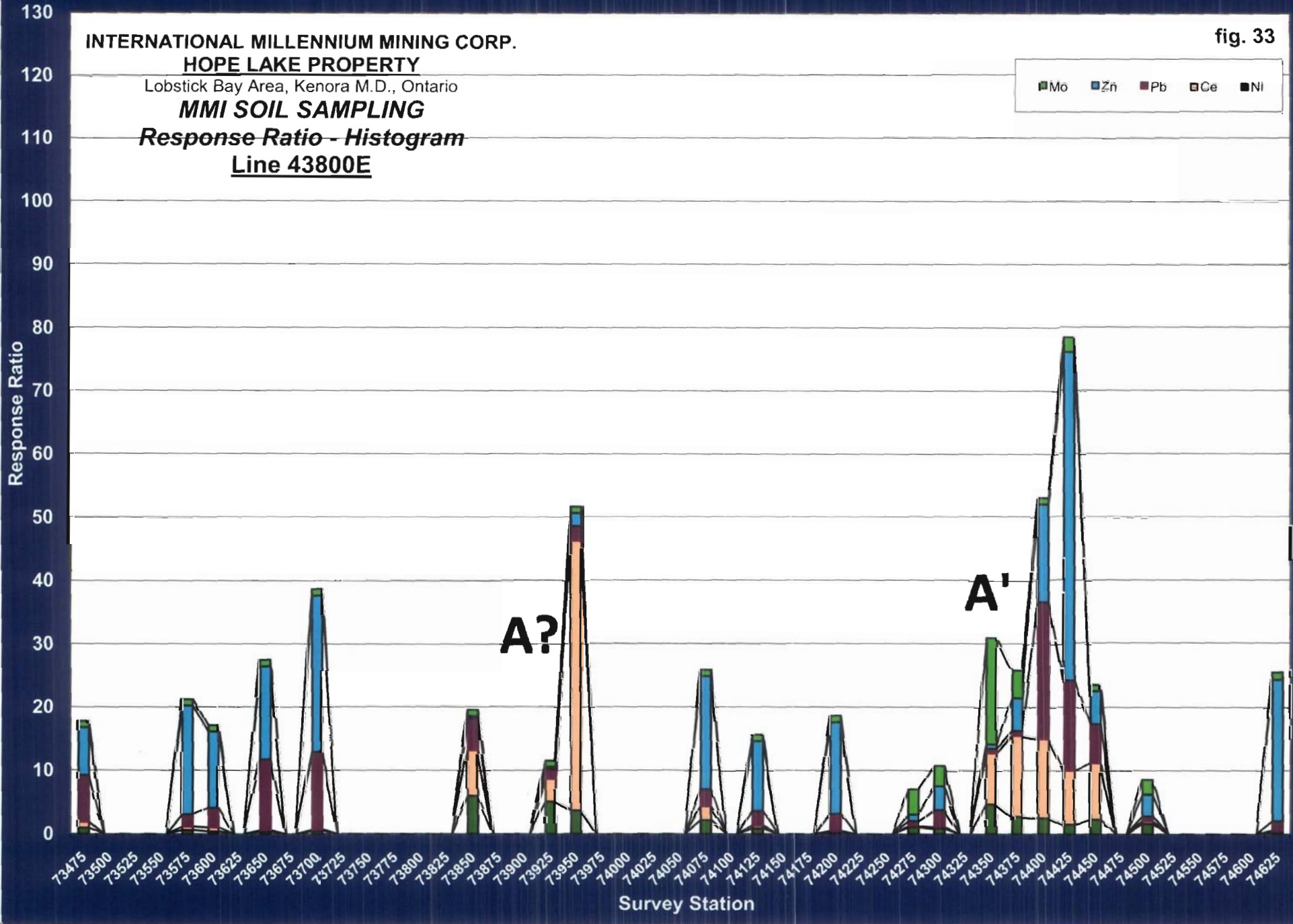


fig. 33

INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 43800E



INTERNATIONAL MILLENNIUM MINING CORP.

HOPE LAKE PROPERTY

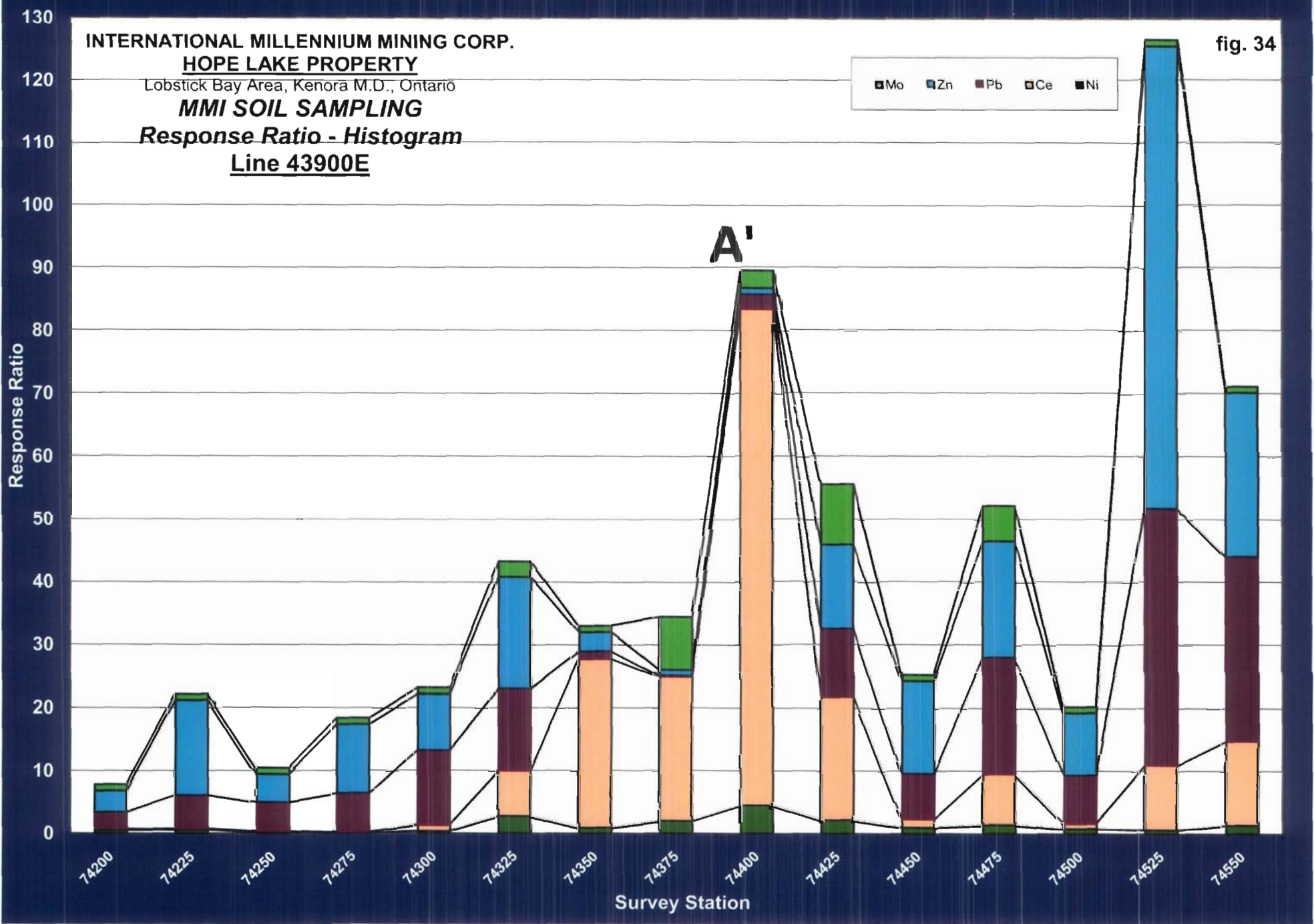
Lobstick Bay Area, Kenora M.D., Ontario

MMI SOIL SAMPLING

Response Ratio - Histogram

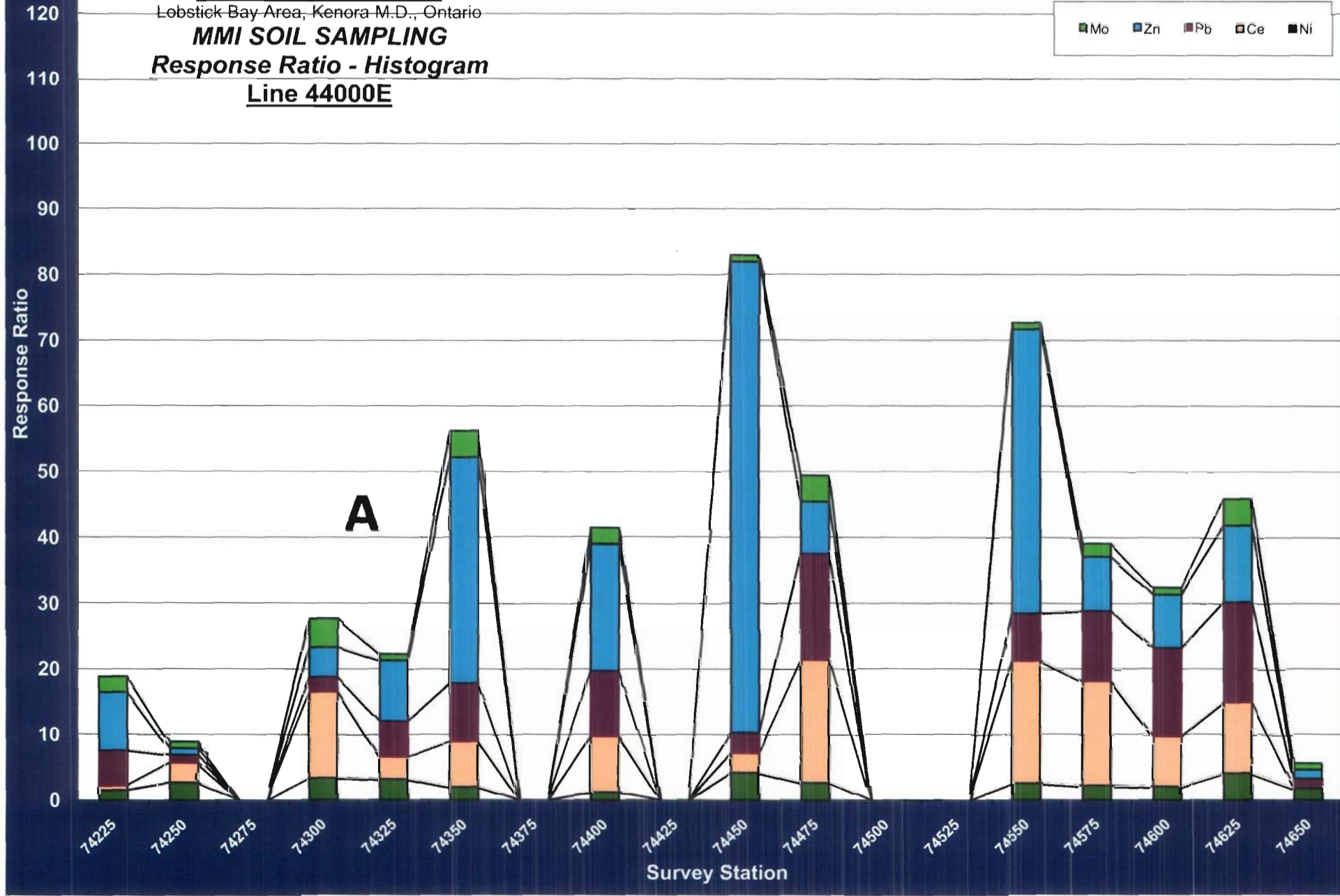
Line 43900E

fig. 34



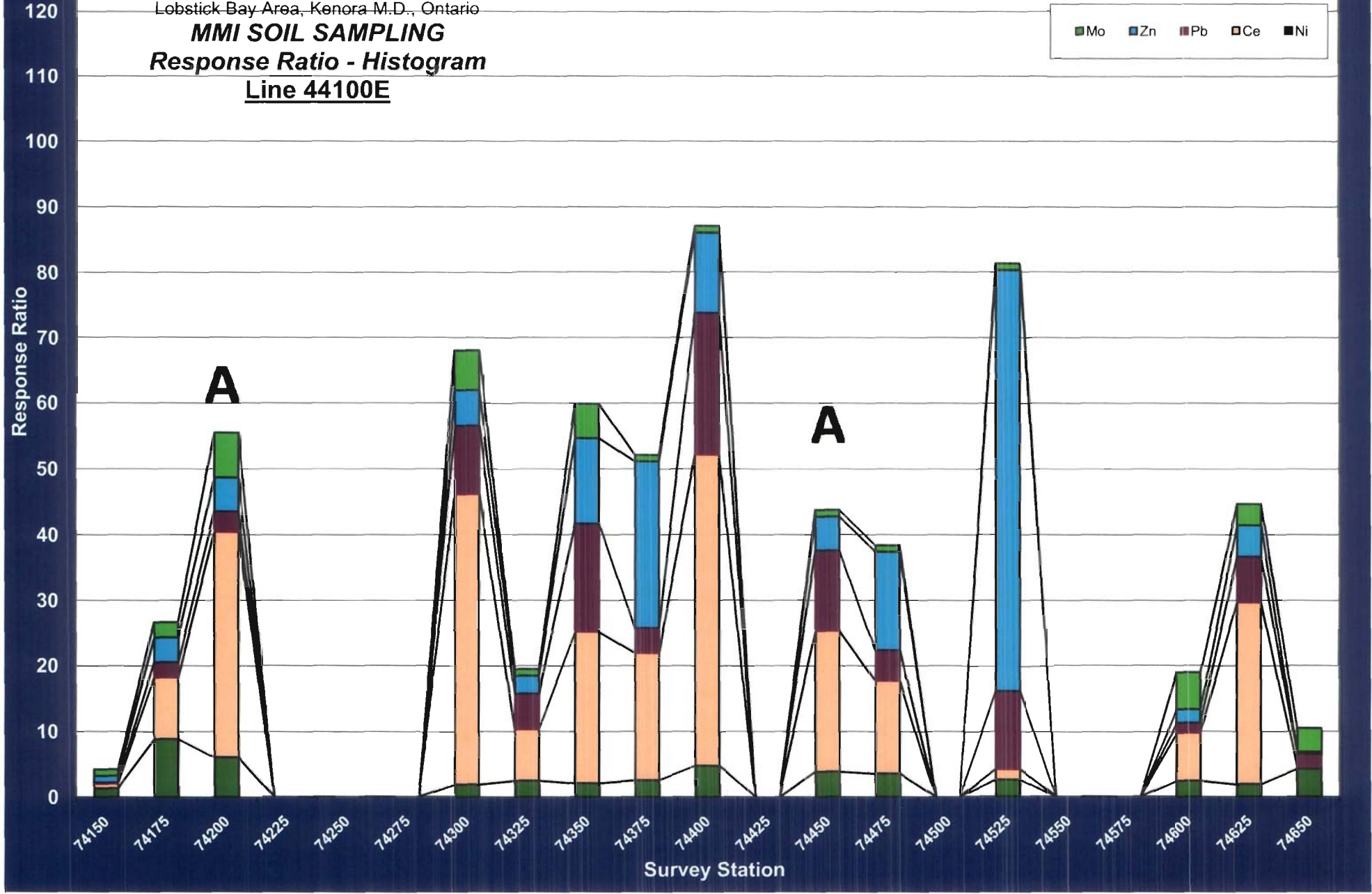
INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
 Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 4400E

fig. 35



INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
 Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 44100E

fig. 36



INTERNATIONAL MILLENNIUM MINING CORP.

HOPE LAKE PROPERTY

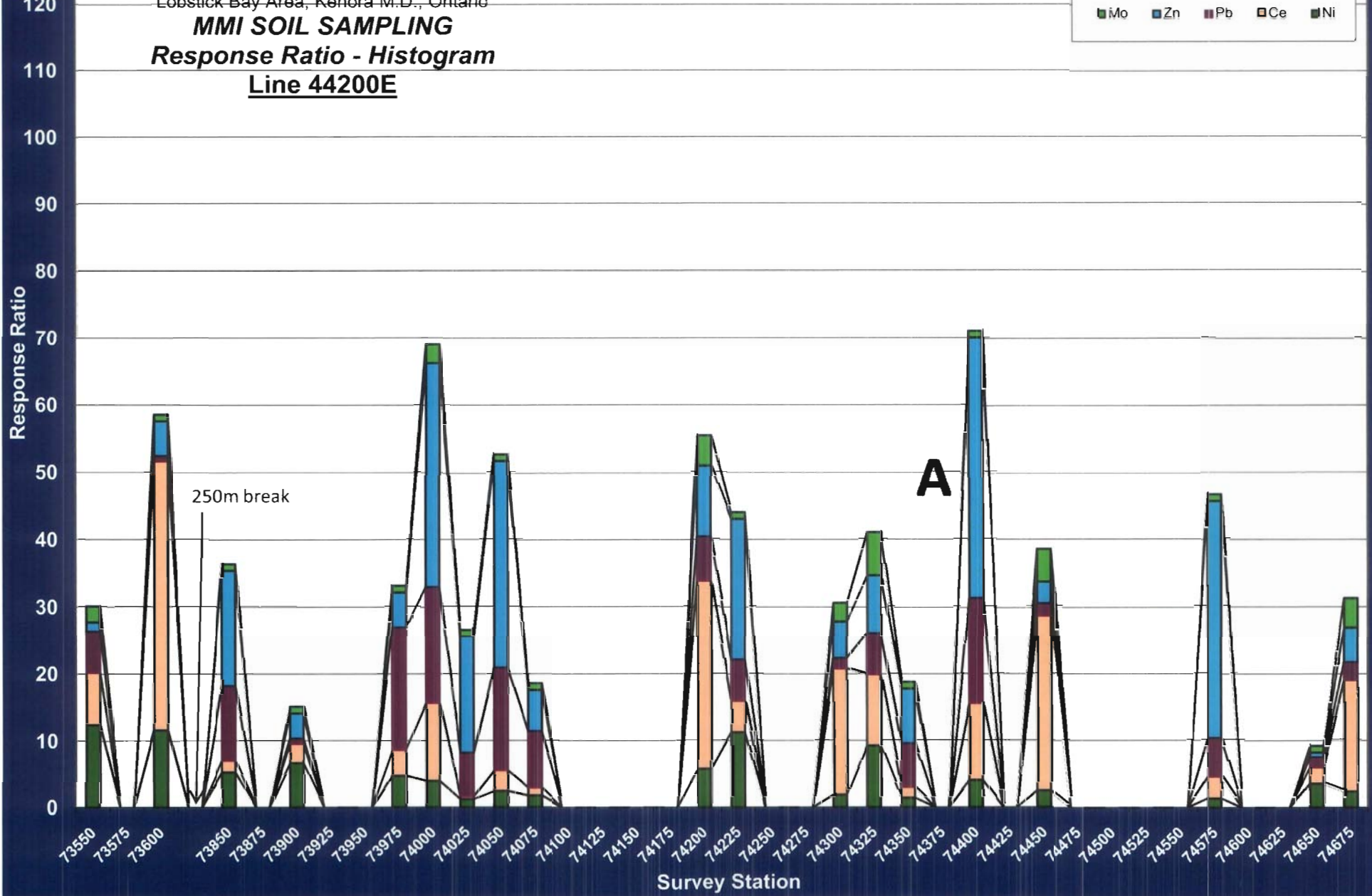
Lobstick Bay Area, Kenora M.D., Ontario

MMI SOIL SAMPLING

Response Ratio - Histogram

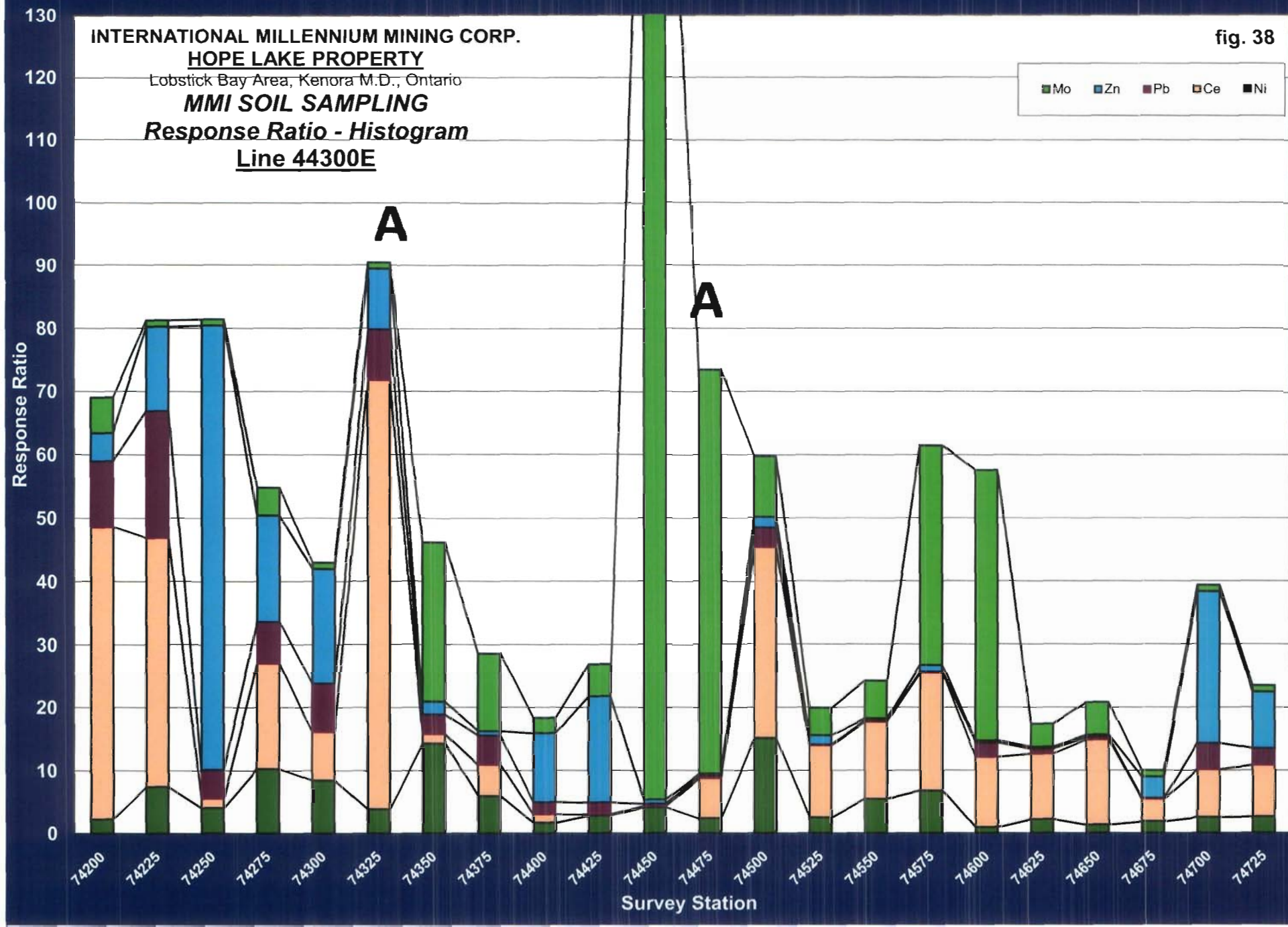
Line 44200E

fig. 37



INTERNATIONAL MILLENNIUM MINING CORP.
 HOPE LAKE PROPERTY
 Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
 Response Ratio - Histogram
 Line 44300E

fig. 38



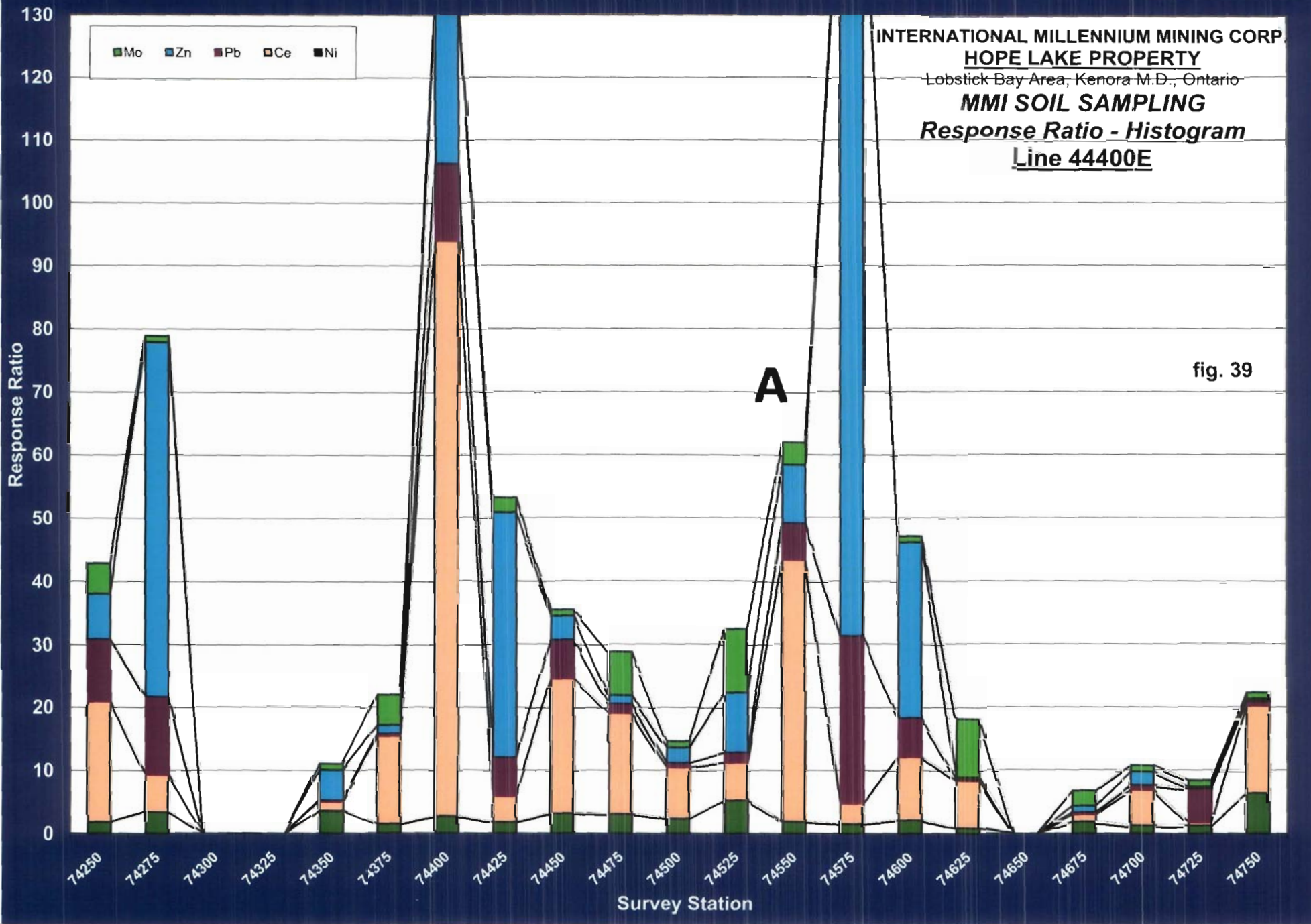
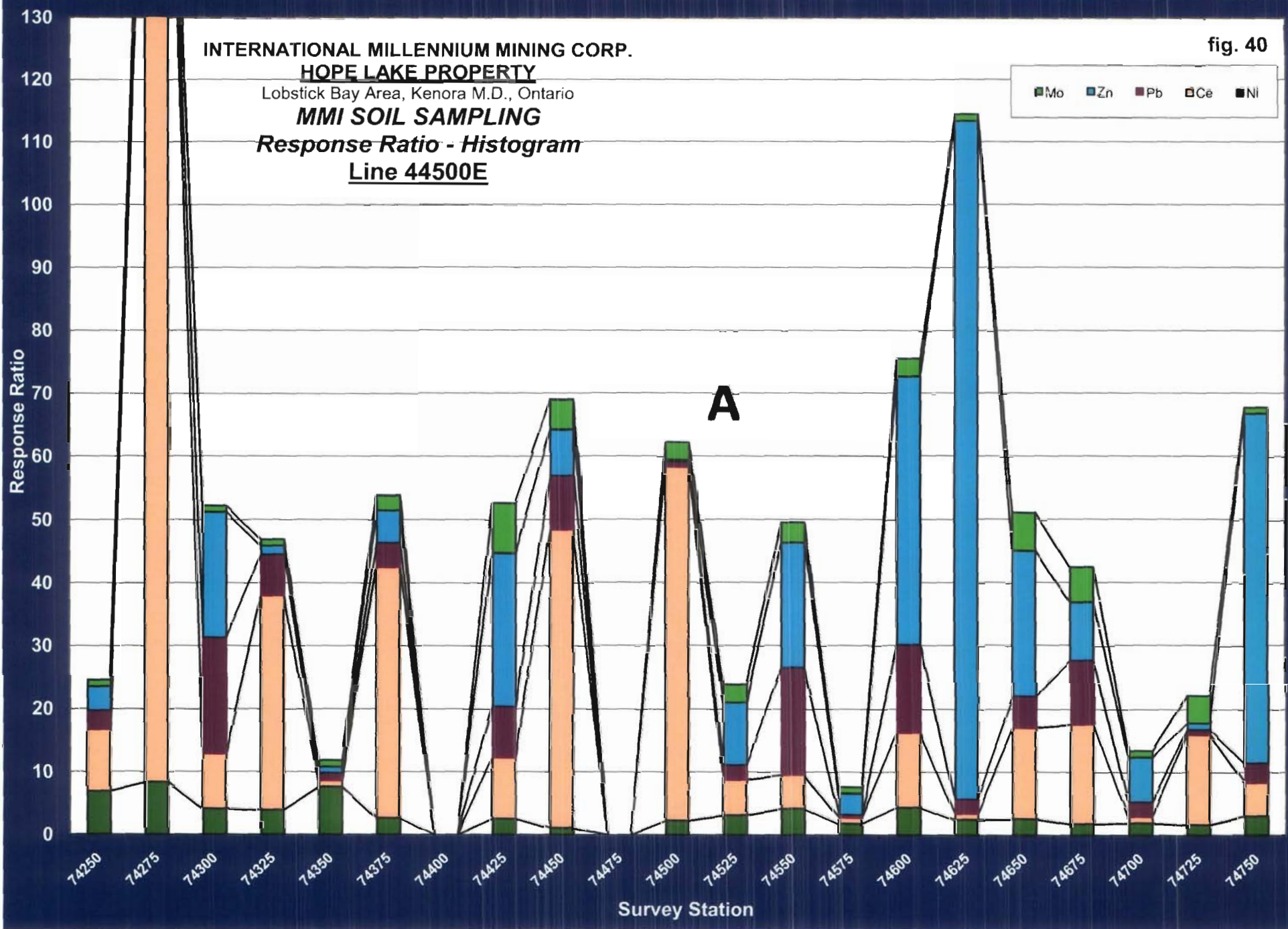
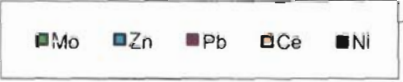


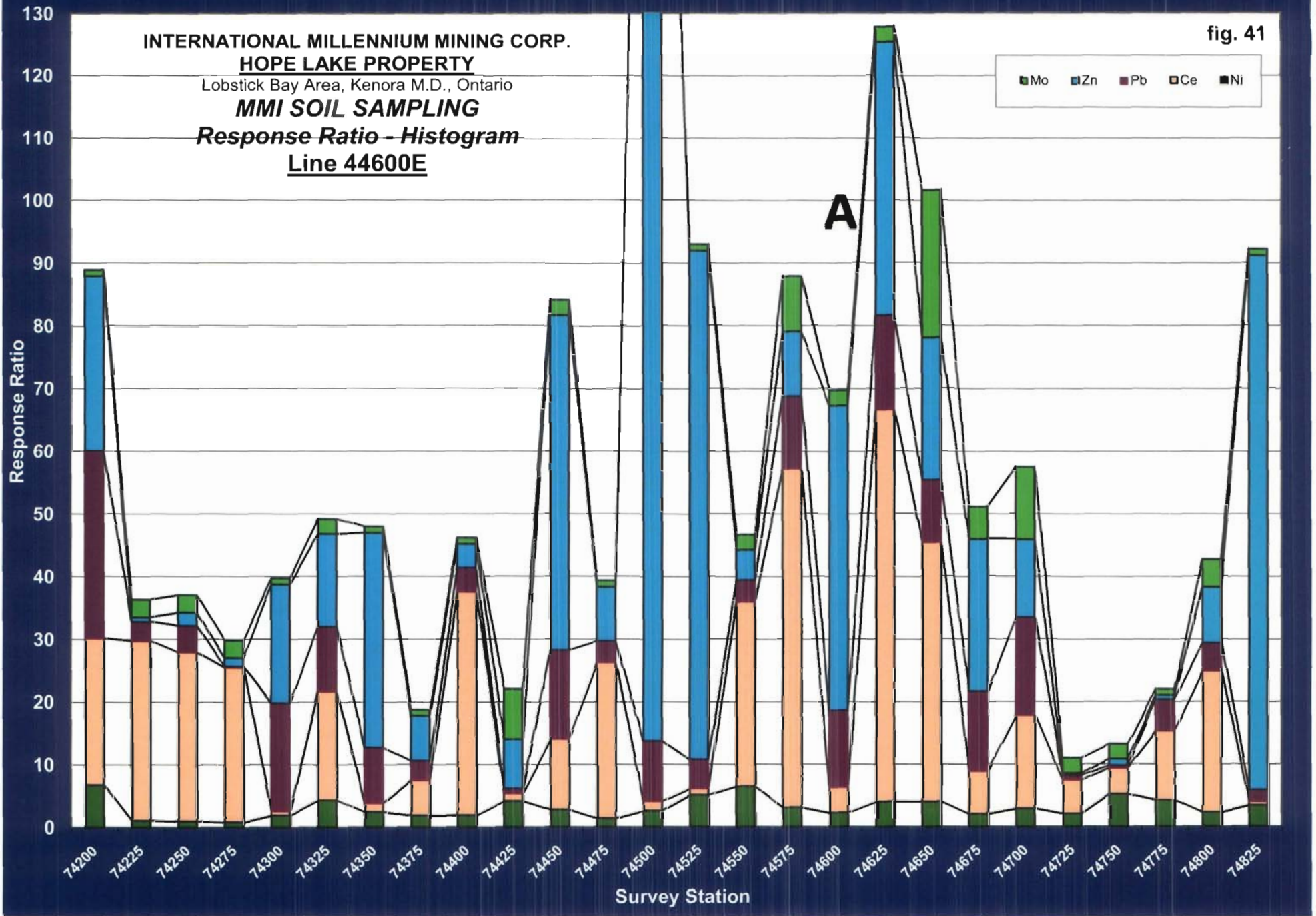
fig. 40

INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 44500E



INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
 Lobstick Bay Area, Kenora M.D., Ontario
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 44600E

fig. 41



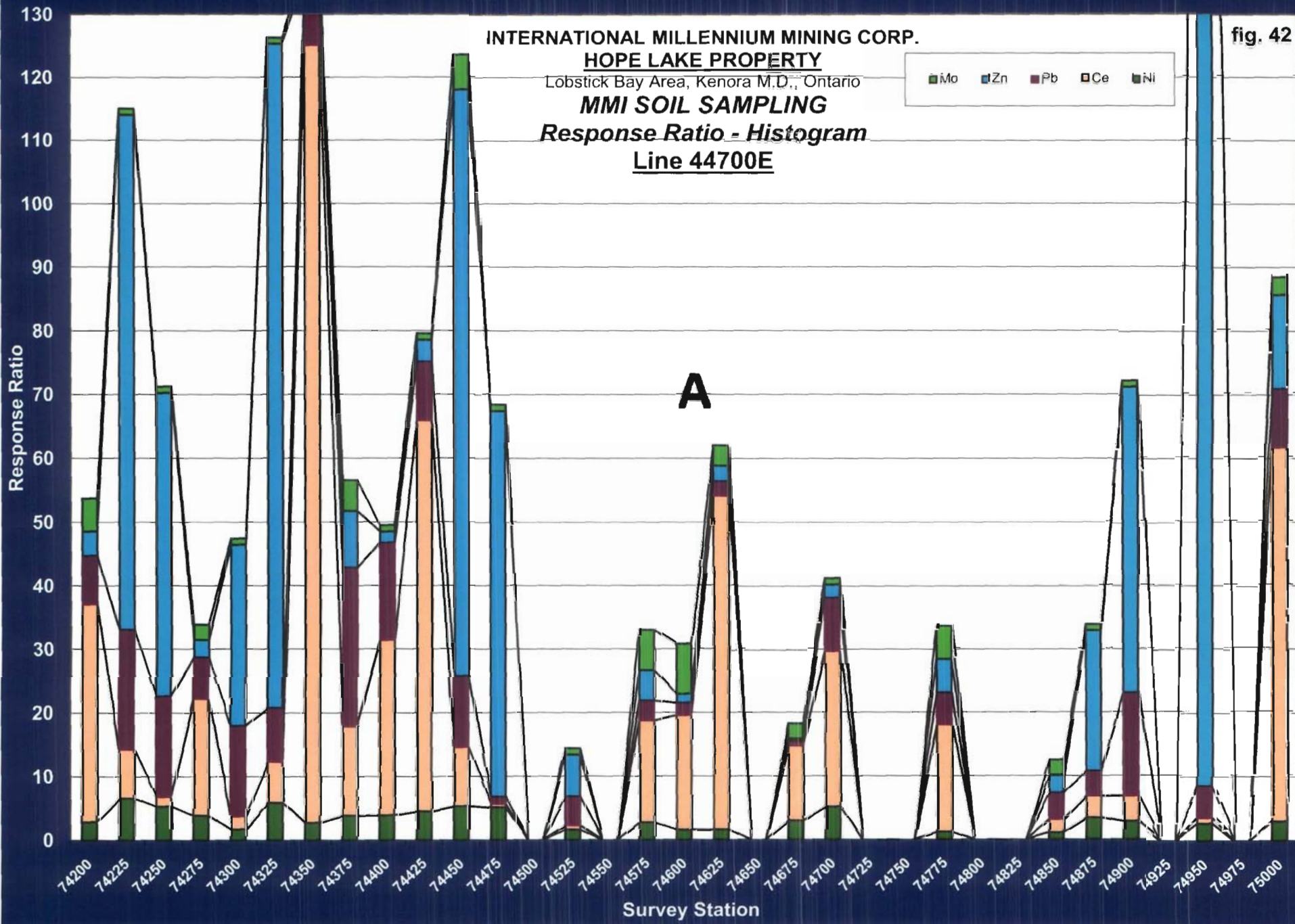
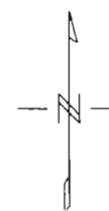
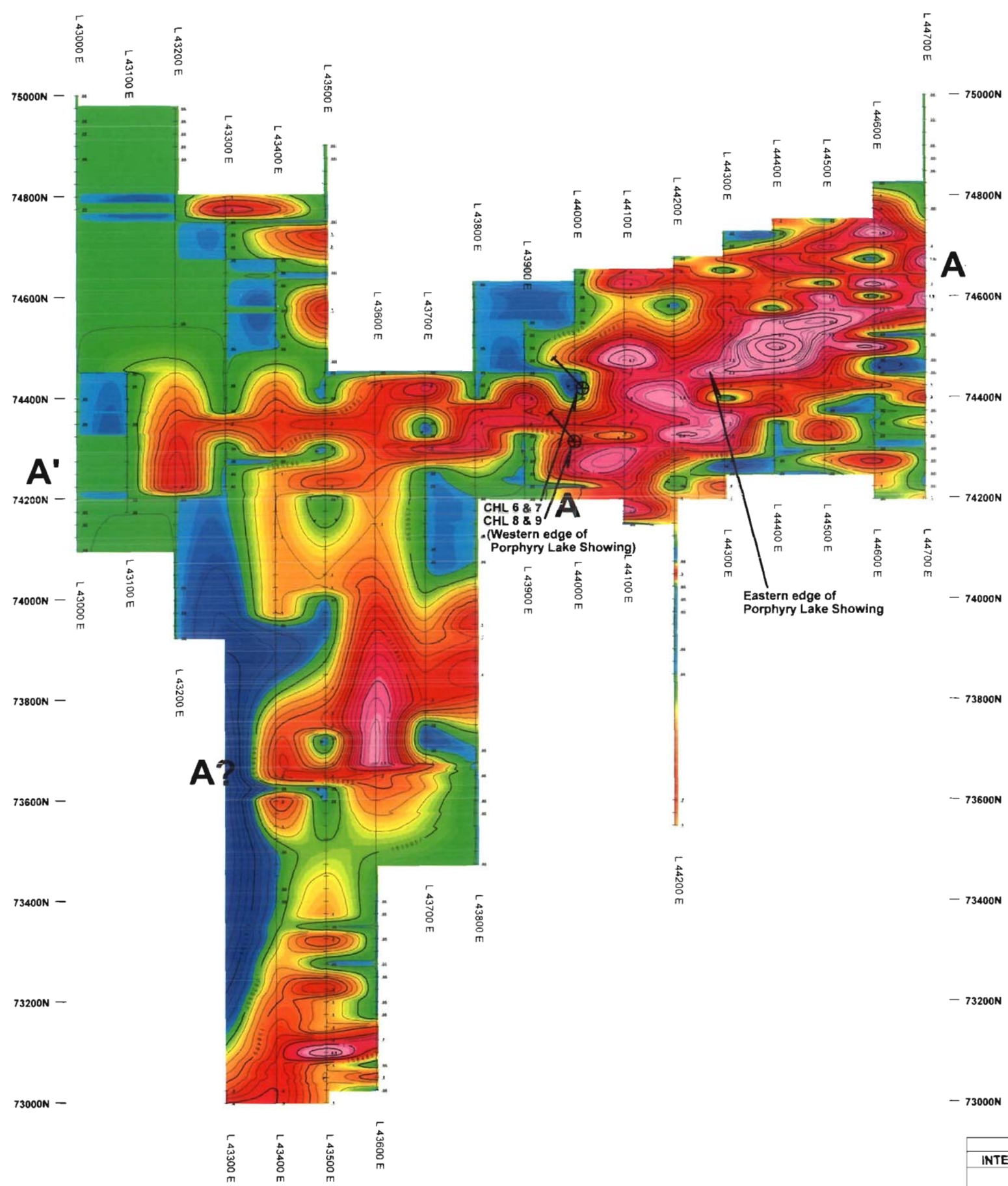


fig. 42



Declination 1




Date Samples Picked Up:
May - August, 2008

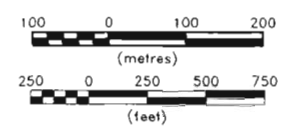
Soils Tested by:
SGS Laboratories
Toronto, Ontario

Contour Intervi:
log base 10

Units:
parts per billion (ppb)

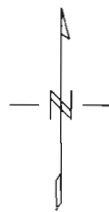
Note:
Grid is in UTM units, Zone 15.
eg. Line 43000E reads 443000E
and Station 74100E reads 5474100E

 Diamond drill hole

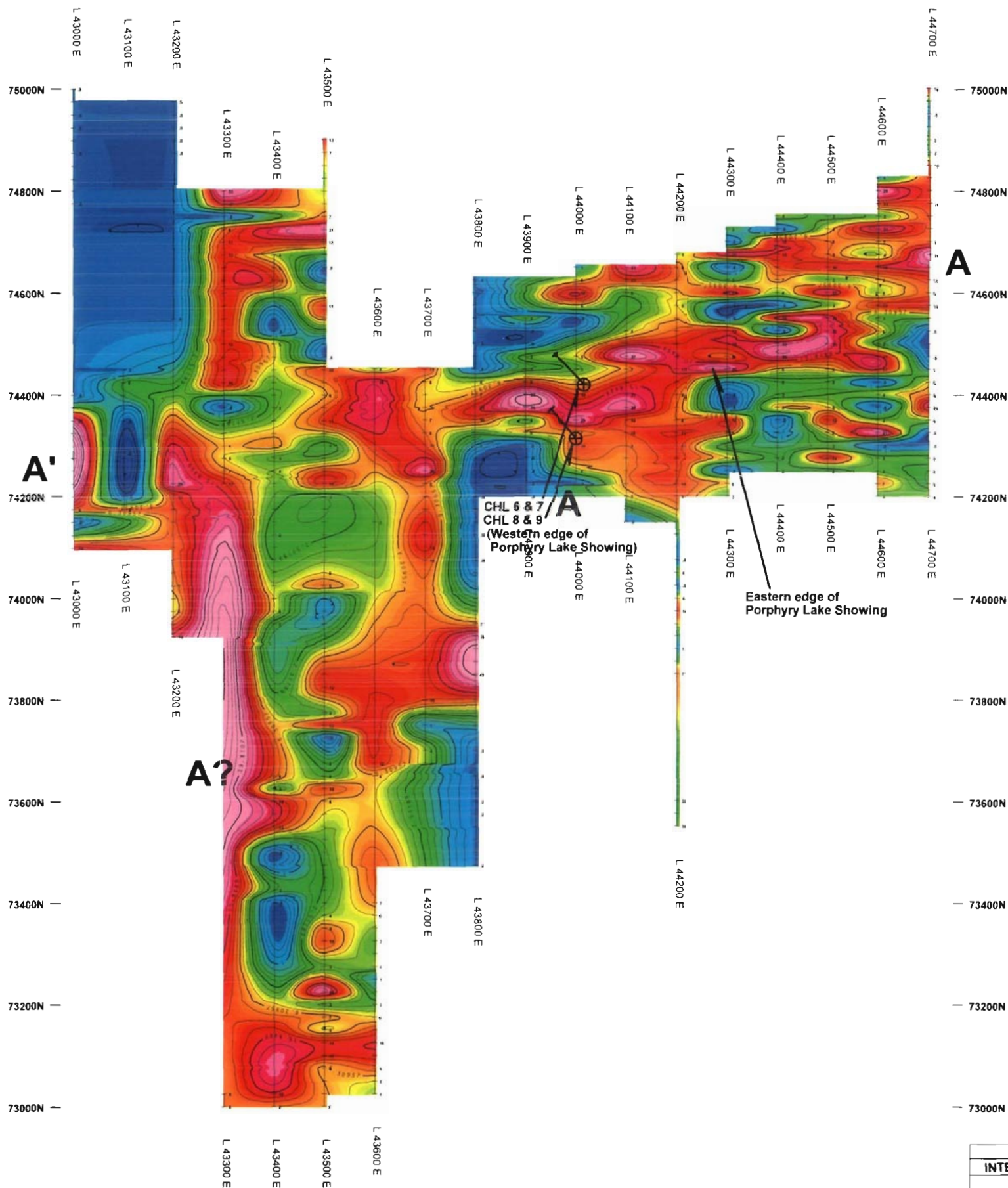


Survey and Data Reduction by:
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GEOTRONICS CONSULTING INC				
INTERNATIONAL MILLENNIUM MINING CORP.				
HOPE LAKE PROPERTY				
Lobstick Bay Area				
Kenora Mining Division, Ontario				
MMI SOIL GEOCHEMISTRY SURVEY				
CONTOUR PLAN MAP				
GOLD				
Drawn by: DGM	Job No: 07-09	NTS: 52F/4	Date: Dec 08	Fig No: GC-1



Declination 1



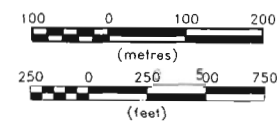
Date Samples Picked Up:
May - August, 2008

Soils Tested by:
SGS Laboratories
Toronto, Ontario

Contour Interval:
log base 10

Units:
parts per billion (ppb)

Note:
Grid is in UTM units, Zone 15.
eg. Line 43000N reads 443000N
and Station 74100E reads 5474100E



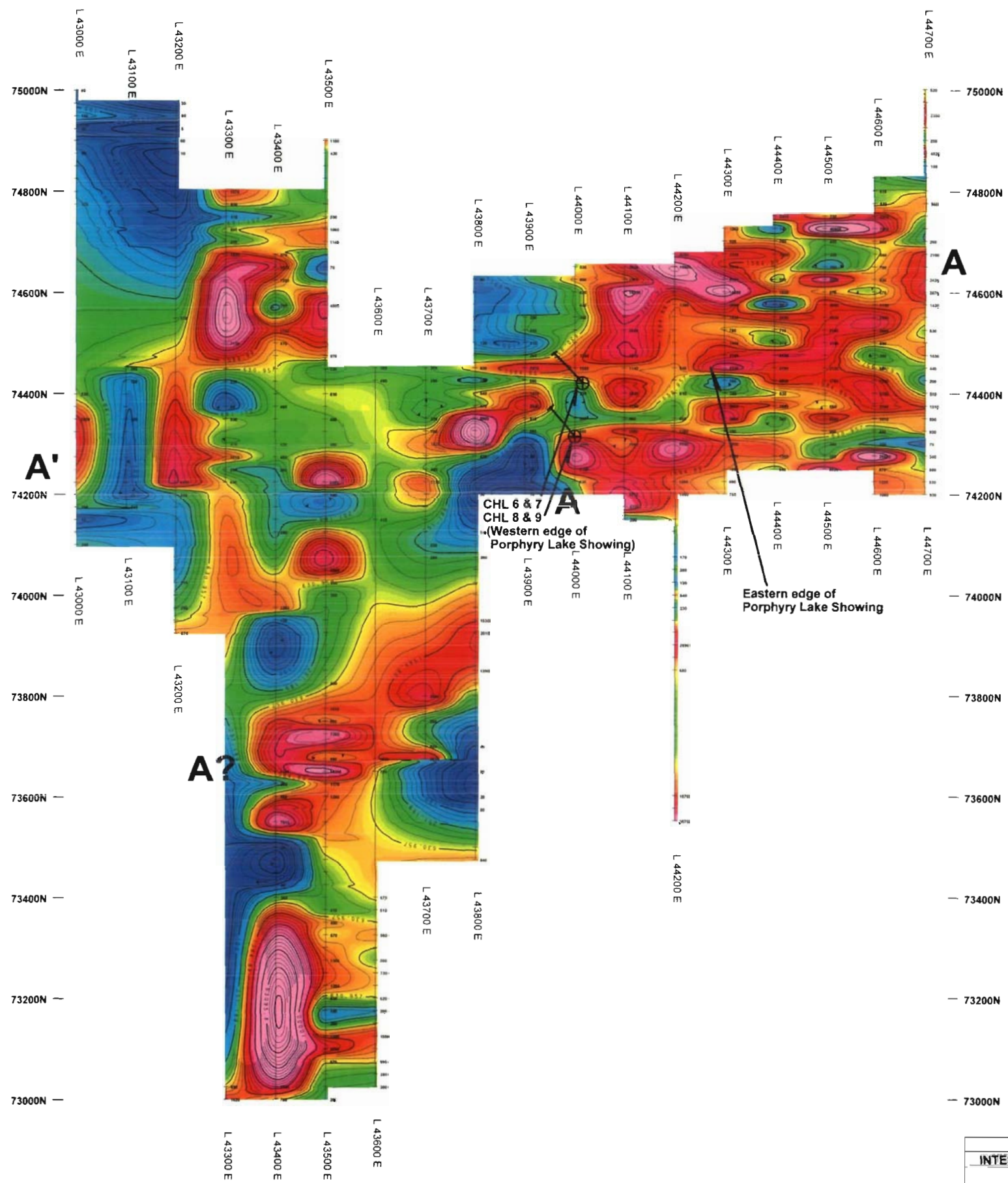
Survey and Data Reduction by:

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INTERNATIONAL MILLENNIUM MINING CORP.				
HOPE LAKE PROPERTY				
Lobstick Bay Area				
Kenora Mining Division, Ontario				
MMI SOIL GEOCHEMISTRY SURVEY				
CONTOUR PLAN MAP				
SILVER				
Drawn by: DGM	Job No: 07-09	NTS: 52F/4	Date: Dec 08	Fig No: GC-2



Declination 1



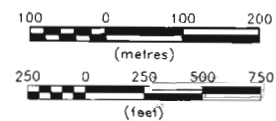
Date Samples Picked Up:
May - August, 2008

Soils Tested by:
SGS Laboratories
Toronto, Ontario

Contour Interval:
log base 10

Units:
parts per billion (ppb)

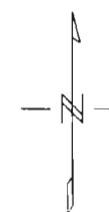
Note:
Grid is in UTM units, Zone 15.
eg. Line 43000E reads 443000N
and Station 74100E reads 5474100E



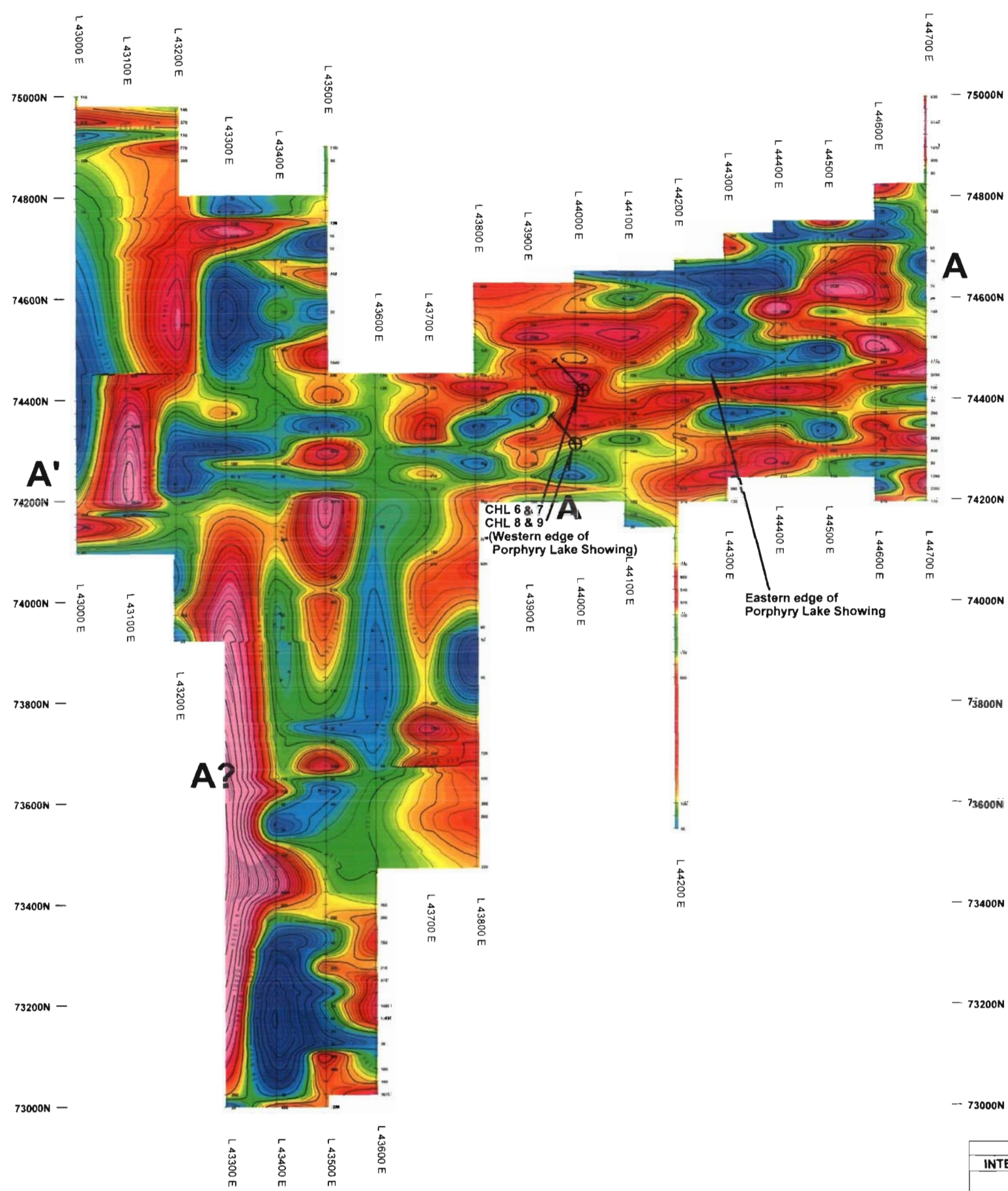
Survey and Data Reduction by:

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SURREY BC.

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INTERNATIONAL MILLENNIUM MINING CORP.				
HOPE LAKE PROPERTY				
Lobstick Bay Area				
Kenora Mining Division, Ontario				
MMI SOIL GEOCHEMISTRY SURVEY				
CONTOUR PLAN MAP				
COPPER				
Drawn by:	Job No:	NTS:	Date:	Fig No:
DGM	07-08	62F/4	Dec 08	GC-3



Declination 1



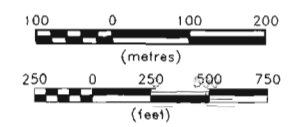
Date Samples Picked Up:
May - August, 2008

Soils Tested by:
SGS Laboratories
Toronto, Ontario

Contour Interval:
log base 10

Units:
parts per billion (ppb)

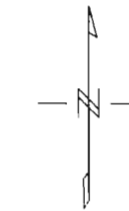
Note:
Grid is in UTM units, Zone 15.
eg. Line 43000E reads 443000N
and Station 74100E reads 5474100E



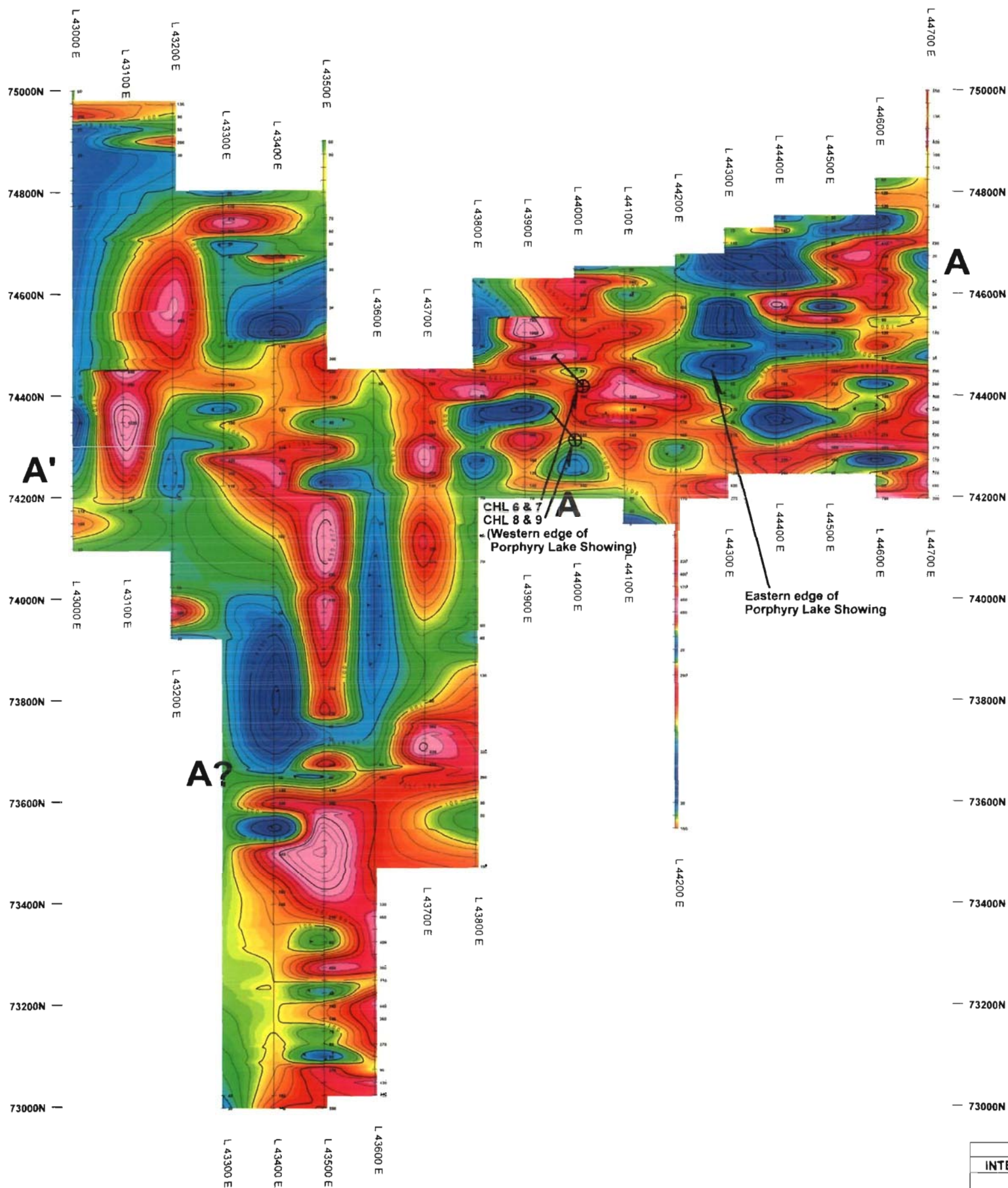
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GEOTRONICS CONSULTING INC
INTERNATIONAL MILLENNIUM MINING CORP.
HOPE LAKE PROPERTY
Lobstick Bay Area
Kenora Mining Division, Ontario
MMI SOIL GEOCHEMISTRY SURVEY
CONTOUR PLAN MAP
ZINC

Drawn by: DGM	Job No: 07-09	NTS: 52F/4	Date: Dec 08	Fig No: GC-4
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Declination 1



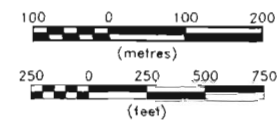
Date Samples Picked Up:
May - August, 2008

Soils Tested by:
SGS Laboratories
Toronto, Ontario

Contour Interval:
log base 10

Units:
parts per billion (ppb)

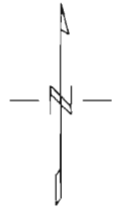
Note:
Grid is in UTM units, Zone 15.
eg. Line 43000E reads 443000E
and Station 74100E reads 5474100E



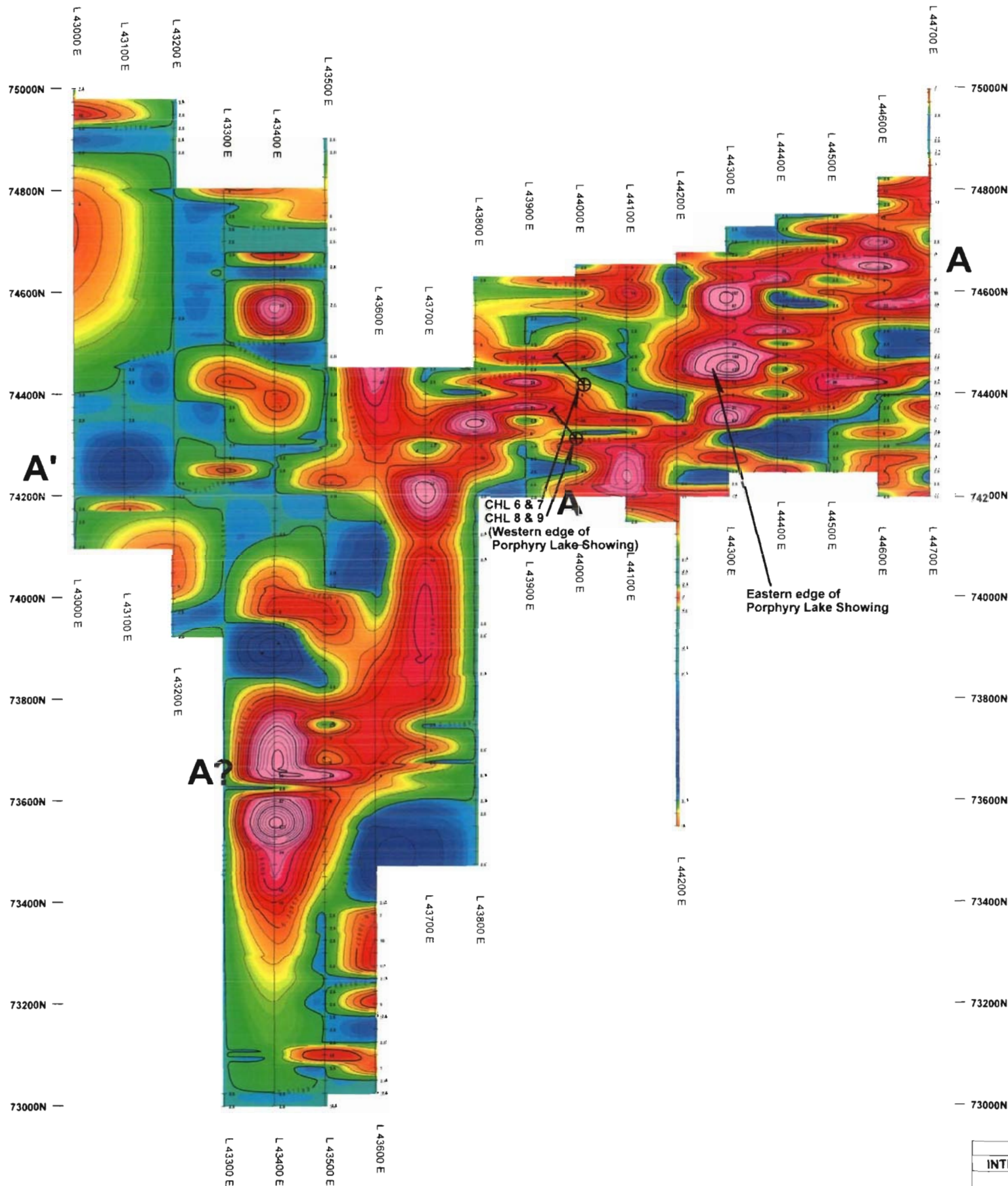
Survey and Data Reduction by:

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GEOTRONICS CONSULTING INC				
INTERNATIONAL MILLENNIUM MINING CORP,				
HOPE LAKE PROPERTY				
Lobstick Bay Area				
Kenora Mining Division, Ontario				
MMI SOIL GEOCHEMISTRY SURVEY				
CONTOUR PLAN MAP				
LEAD				
Drawn by:	Job No:	NTS:	Date:	Fig No:
DGM	07-08	52F/4	Dec 08	GC-5



Declination 1



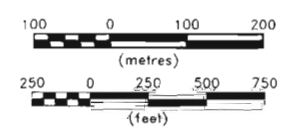
Date Samples Picked Up:
May - August, 2008

Soils Tested by:
SGS Laboratories
Toronto, Ontario

Contour Interval:
log base 10

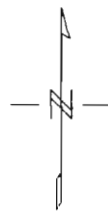
Units:
parts per billion (ppb)

Note:
Grid is in UTM units, Zone 15.
eg. Line 43000N reads 443000N
and Station 74100E reads 5474100E

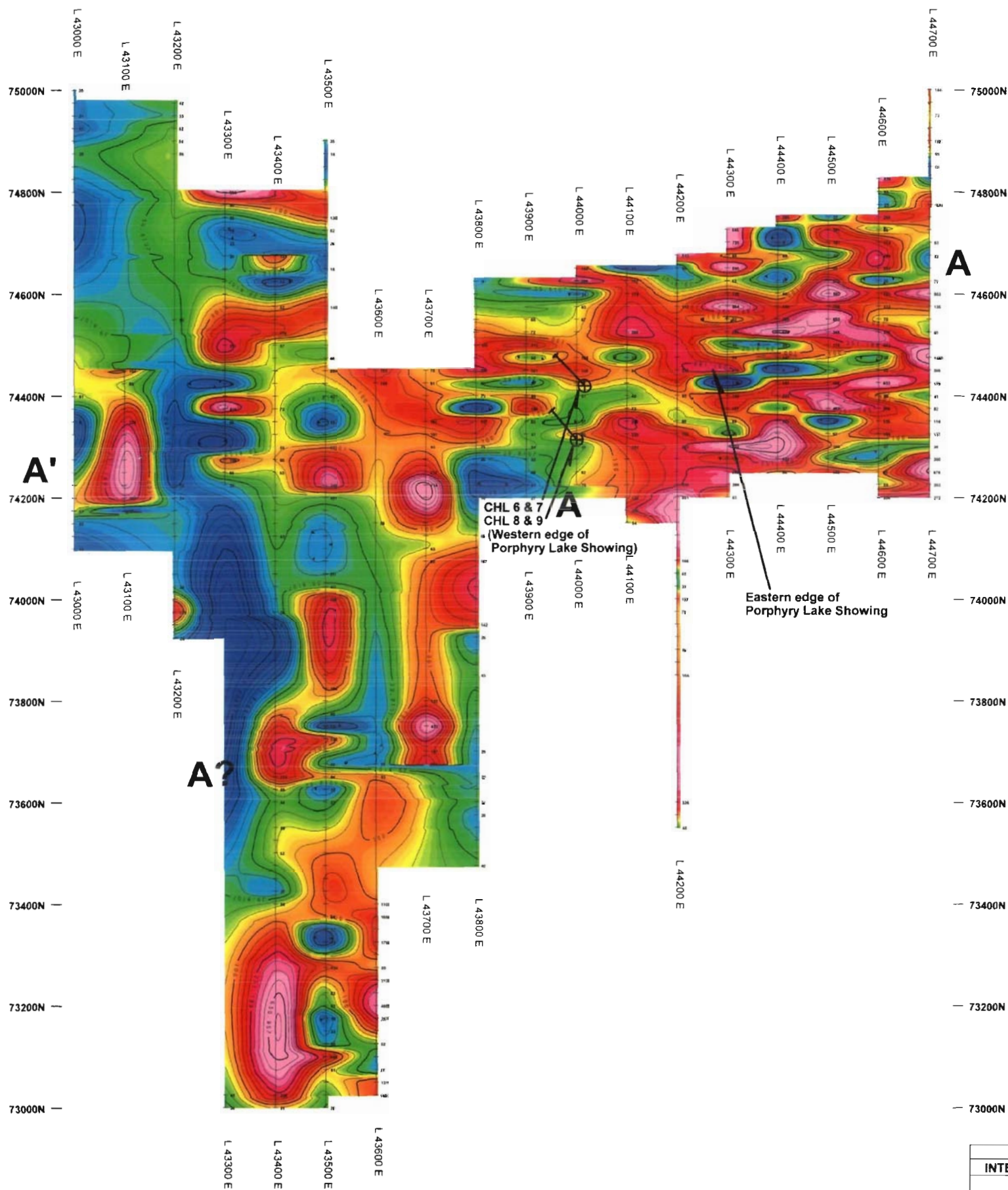


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GEOTRONICS CONSULTING INC				
INTERNATIONAL MILLENNIUM MINING CORP.				
HOPE LAKE PROPERTY				
Lobstick Bay Area				
Kenora Mining Division, Ontario				
MMI SOIL GEOCHEMISTRY SURVEY				
CONTOUR PLAN MAP				
MOLYBDENUM				
Drawn by:	Job No:	NTS:	Date:	Fig No:
DGM	07-08	52F/4	Dec 08	GC-6



Declination 1



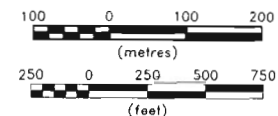
Date Samples Picked Up:
May - August, 2008

Soils Tested by:
SGS Laboratories
Toronto, Ontario

Contour Interval:
log base 10

Units:
parts per billion (ppb)

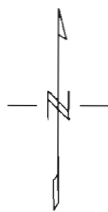
Note:
Grid is in UTM units, Zone 15.
eg. Line 43000N reads 443000N
and Station 74100E reads 5474100E



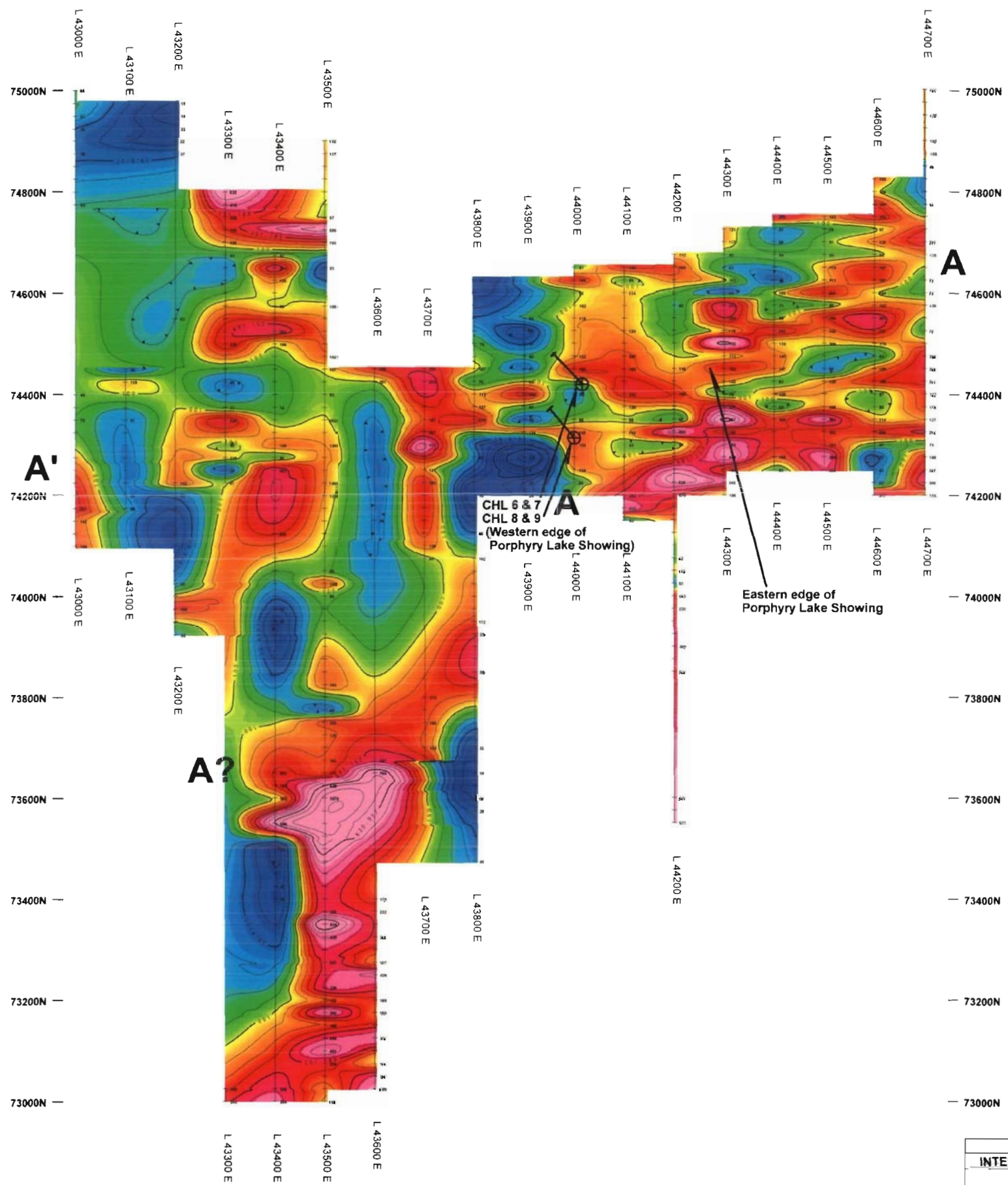
Survey and Data Reduction by:

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GEOTRONICS CONSULTING INC				
INTERNATIONAL MILLENNIUM MINING CORP.				
HOPE LAKE PROPERTY				
Lobstick Bay Area				
Kenora Mining Division, Ontario				
MMI SOIL GEOCHEMISTRY SURVEY				
CONTOUR PLAN MAP				
COBALT				
Drawn by: DGM	Job No: 07-09	NTS: 52F/4	Date: Dec 08	Fig No: GC-7



Declination 1



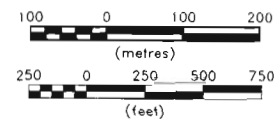
Date Samples Picked Up:
May - August, 2008

Soils Tested by:
SGS Laboratories
Toronto, Ontario

Contour Interval:
log base 10

Units:
parts per billion (ppb)

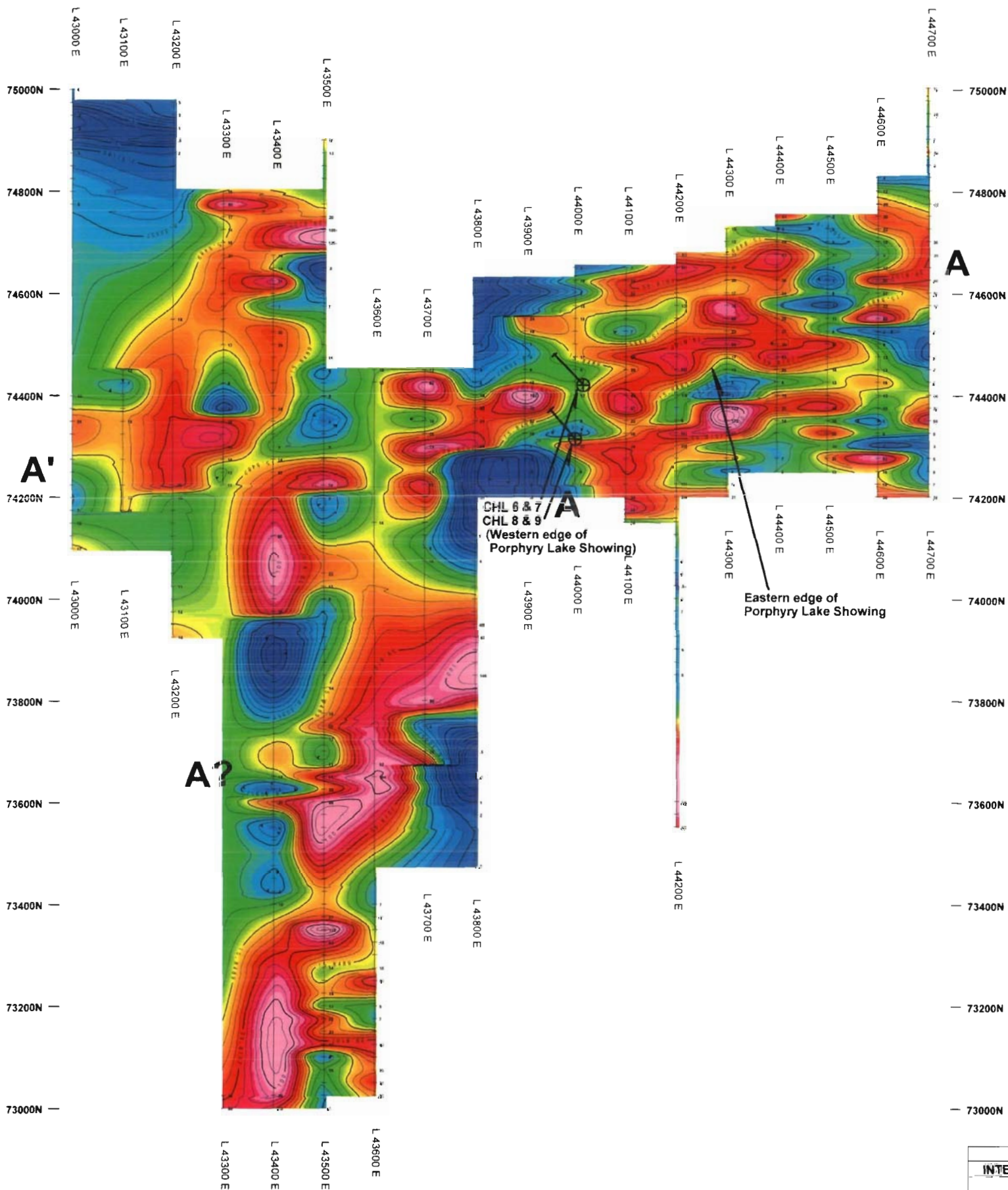
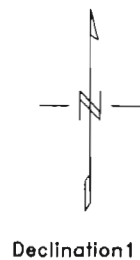
Note:
Grid is in UTM units, Zone 15.
eg. Line 43000E reads 443000E
and Station 74100E reads 5474100E



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INTERNATIONAL MILLENNIUM MINING CORP.				
HOPE LAKE PROPERTY				
Lobstick Bay Area				
Kenora Mining Division, Ontario				
MMI SOIL GEOCHEMISTRY SURVEY				
CONTOUR PLAN MAP				
NICKEL				
Drawn by: DGM	Job No: 07-09	NTS: 62F/4	Date: Dec 08	Fig No: GC-8



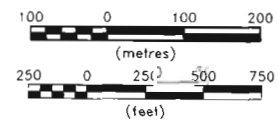
Date Samples Picked Up:
May - August, 2008

Soils Tested by:
SGS Laboratories
Toronto, Ontario

Contour Interval:
log base 10

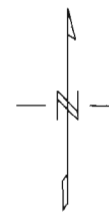
Units:
parts per billion (ppb)

Note:
Grid is in UTM units, Zone 15.
eg. Line 43000E reads 443000N
and Station 74100E reads 5474100E

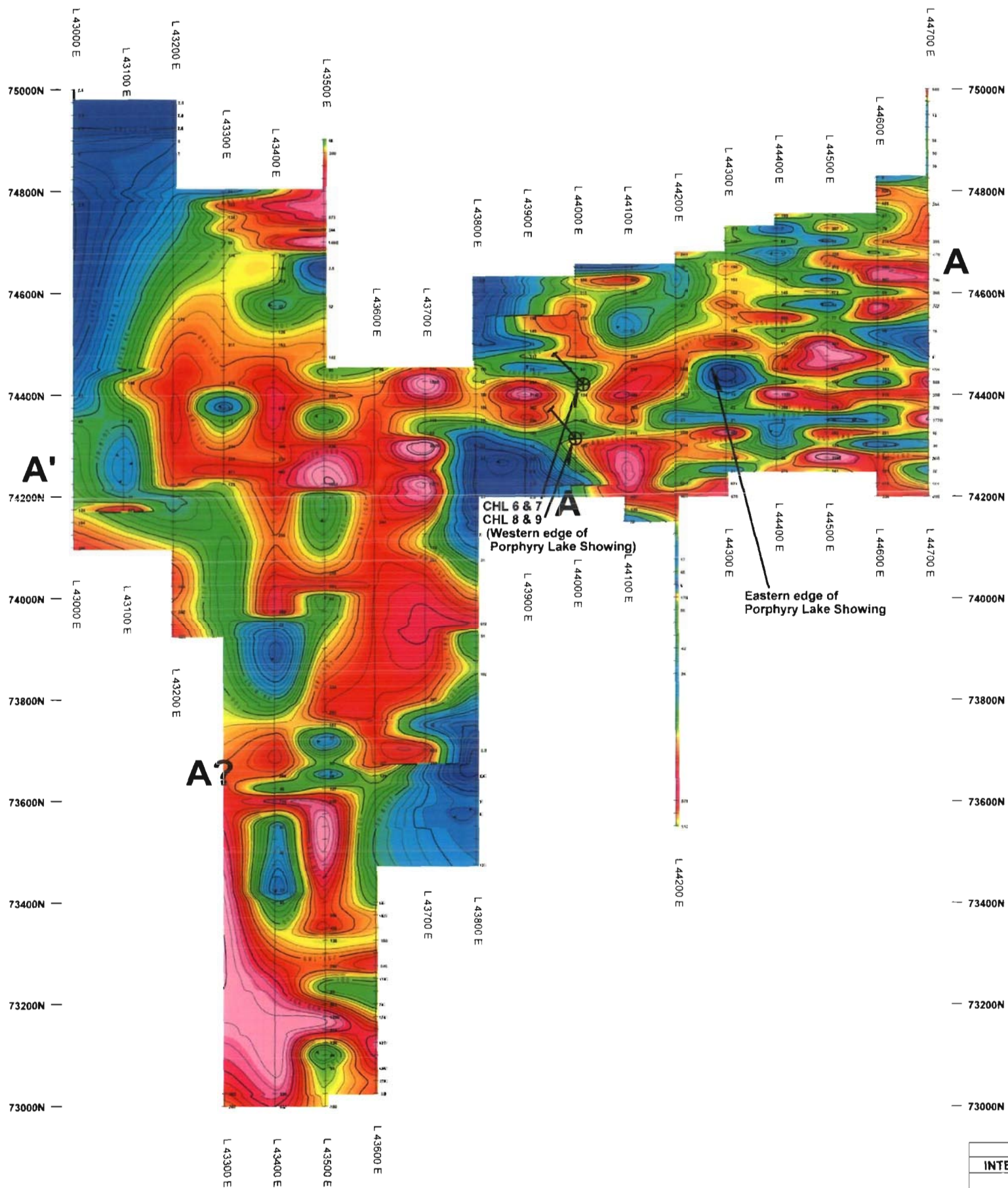


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GEOTRONICS CONSULTING INC				
INTERNATIONAL MILLENNIUM MINING CORP.				
HOPE LAKE PROPERTY				
Lobstick Bay Area				
Kenora Mining Division, Ontario				
MMI SOIL GEOCHEMISTRY SURVEY				
CONTOUR PLAN MAP				
URANIUM				
Drawn by: DGM	Job No: 07-09	NTS: 52F/4	Date: Dec 08	Fig No: GC-9



Declination 1



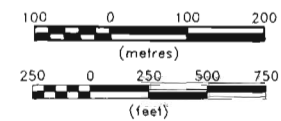
Date Samples Picked Up:
May - August, 2008

Soils Tested by:
SGS Laboratories
Toronto, Ontario

Contour Interval:
log base 10

Units:
parts per billion (ppb)

Note:
Grid is in UTM units, Zone 15.
eg. Line 43000E reads 443000E
and Station 74100E reads 5474100E



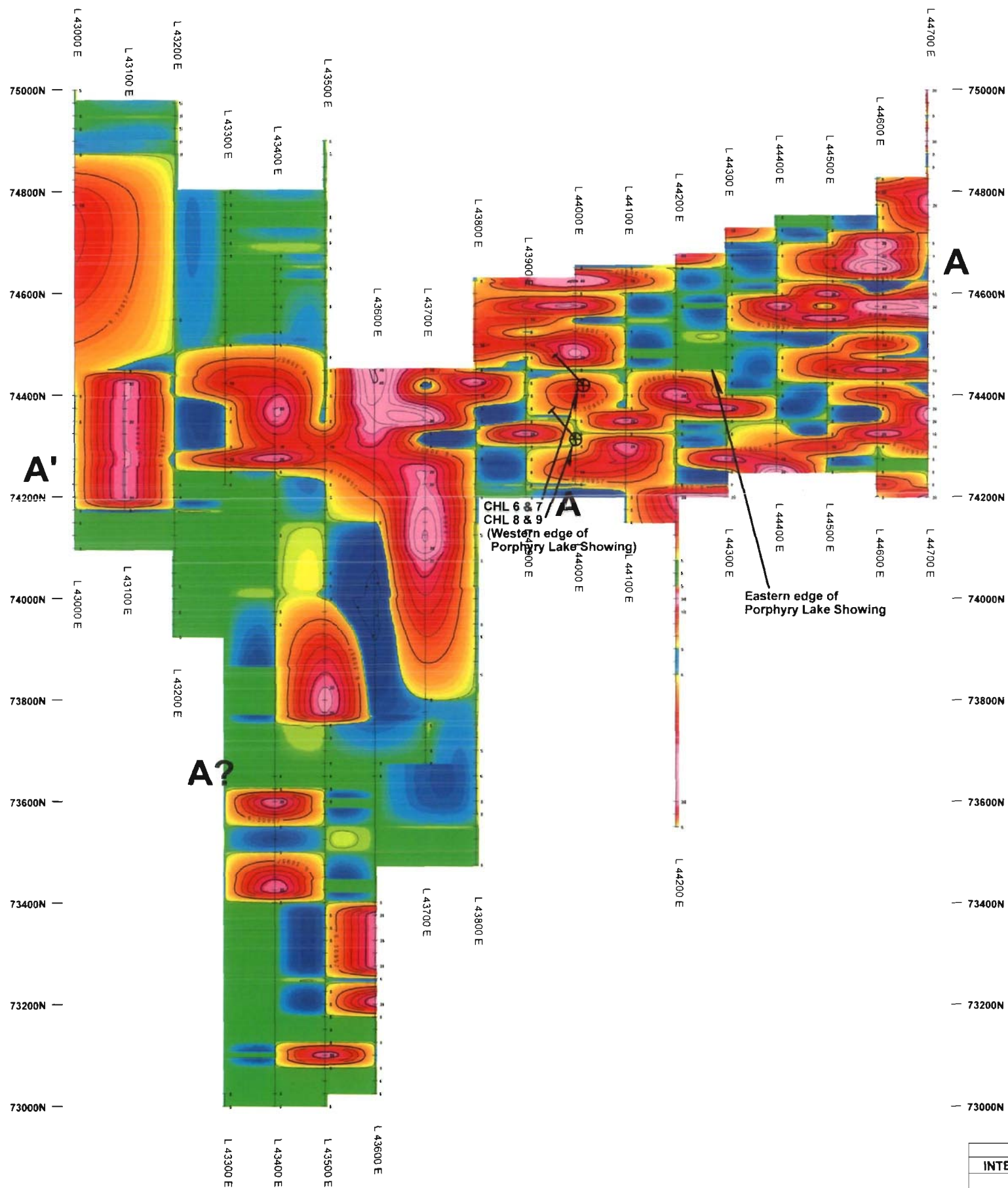
Survey and Data Reduction by:

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SURREY, BC.

GEOTRONICS CONSULTING INC				
INTERNATIONAL MILLENNIUM MINING CORP.				
HOPE LAKE PROPERTY				
Lobstick Bay Area				
Kenora Mining Division, Ontario				
MMI SOIL GEOCHEMISTRY SURVEY				
CONTOUR PLAN MAP				
CERIUM				
Drawn by:	Job No:	NTS:	Date:	Fig No:
DGM	07-09	52F/4	Dec 08	GC-10



Declination 1



Date Samples Picked Up:
May - August, 2008

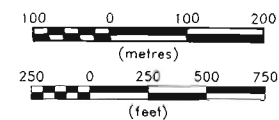
Soils Tested by:
SGS Laboratories
Toronto, Ontario

Contour Interval:
log base 10

Units:
parts per billion (ppb)

Note:
Grid is in UTM units, Zone 15.
eg. Line 43000E reads 443000E
and Station 74100E reads 5474100E

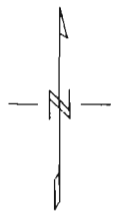
 Diamond drill hole



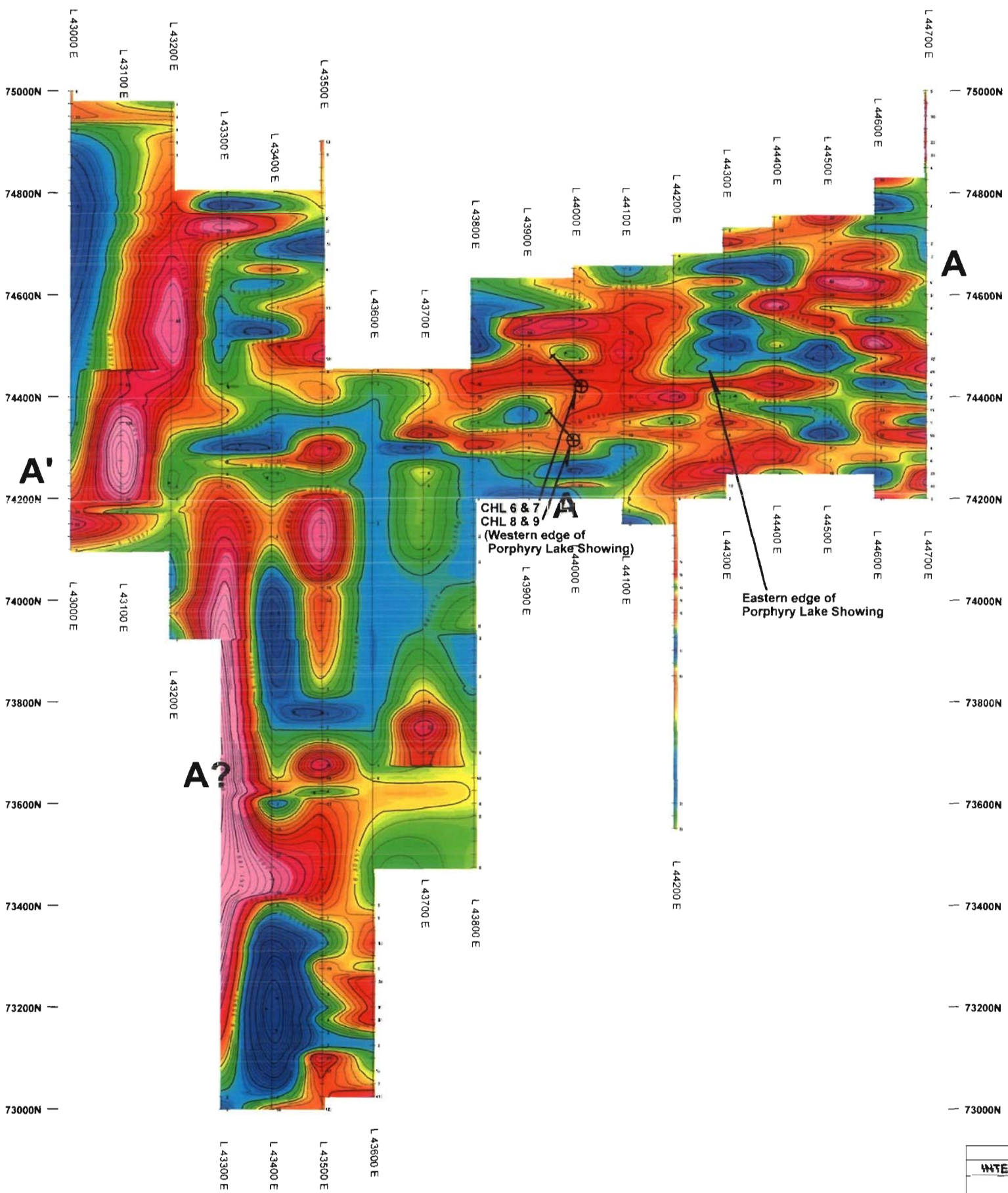
Survey and Data Reduction by:

GEOTRONICS CONSULTING INC
SURREY BC.

GEOTRONICS CONSULTING INC				
INTERNATIONAL MILLENNIUM MINING CORP.				
HOPE LAKE PROPERTY				
Lobstick Bay Area				
Kenora Mining Division, Ontario				
MMI SOIL GEOCHEMISTRY SURVEY				
CONTOUR PLAN MAP				
ARSENIC				
Drawn by:	Job No:	NTS:	Date:	Fig No:
DGM	07-09	52F/4	Dec 08	GC-11



Declination 1



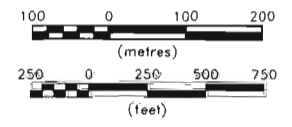
Date Samples Picked Up:
May - August, 2008

Soils Tested by:
SGS Laboratories
Toronto, Ontario

Contour Interval:
log base 10

Units:
parts per billion (ppb)

Note:
Grid is in UTM units, Zone 15.
eg. Line 43000N reads 443000N
and Station 74100E reads 5474100E



G EOTRONICS CONSULTING INC				
INTERNATIONAL MILLENNIUM MINING CORP.				
HOPE LAKE PROPERTY				
Lobstick Bay Area				
Kenora Mining Division, Ontario				
MMI SOIL GEOCHEMISTRY SURVEY				
CONTOUR PLAN MAP				
CADIUM				
Drawn by: DGM	Job No: 07-09	NTS: 52F/4	Date: Dec 08	Fig No: GC-12