Rio Algom Exploration Inc.

April 12, 1991

Mr. T. E. Kalnins, P. Eng.
Mineral Resources Division
Ministry of Energy, Mines and
Petroleum Resources
Parliament Buildings
Victoria, B.C.
V8V 1X4

Dear Sir:

RE: BIO 1-11, Bob 1, TUG 1 Mineral Claim(s)
Assessment Report Number 20563

To make the above reports acceptable for assessment purposes I have made the changes to the maps and text which we agreed upon during our conversation of April 10, 1991.

These changes involve:

1) Displaying on Map 7 the location of Coded grids I, K, H and G (Appendix II)

2) Amendment of the text to explain why values were plotted as coded symbols instead of being plotted as numerical values (page 9).

Sincerely yours,
RIO ALGOM EXPLORATION INC.

John McClintock, P. Eng.
Senior Geologist

JAM/js
Encls.

Western Canada Office:

A subsidiary of **Rio Algom Limited**

Suite 1650, 609 Granville St., P.O. Box 10335, Pacific Centre, Vancouver, B.C. V7Y 1G5 (604) 688-3646 Facsimile: 669-0447

BIO OPTION
Fort St James, British Columbia
NTS: 93K/16W

GEOCHEMISTRY AND GEOLOGY 1990

Claims: BIO 1-12, BOB 1, TUG 1
Omineca Mining Division
54° 51'N, 124° 20'W

Owners: U Schmidt, A A Halleran, A D Halleran

Operator: Rio Algom Exploration Inc

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,563

J A McClintock

November 1990

SUMMARY

Between May 20 and July 12 1990, at a cost of $118,168.96, a comprehensive programme of 1:5,000 scale geological mapping, grid soil sampling and hand trenching was completed on the BIO property.

Geological mapping found the southern and western claim areas underlain by an assemblage of unaltered argillite, siltstone and greywacke of the Takla Group. Locally, these sedimentary rocks are intruded by narrow dykes or sills of diorite.

Grid soils sampling of the southern and western claim areas highlighted a single coincident gold and copper anomaly measuring 300m by 300m on the BIO 3 claim which may indicate the presence of porphyry-type copper-gold mineralization. Several other copper-in-soil anomalies found by the survey are interpreted to be secondary hydromorphic accumulations formed in seepage depressions.

Hand trenching of Anomaly I, a coincident copper- and gold-in-soil anomaly found on the BIO 2 claim during the 1989 programme, discovered intensely carbonate altered pyritized siltstone and propylitized diorite both in bedrock and float. The intensity of alterations, coupled with anomalous levels of copper in the rock, confirm Anomaly I as a priority exploration target for porphyry-type copper gold mineralization.

Trenching of Anomaly IV, a copper anomaly overlying a circular magnetic high on the BOB 1 claim, showed the glacial till to be in excess of 2m thick. Further testing of this target will require induced polarization surveying followed by diamond drilling of defined geophysical targets.

Trenching of Anomaly II, located on the BIO 1 claim during the 1989 programme, found it to overlie thick fluvial-glacial gravels. The transported nature of the overburden suggests the soil anomaly does not reflect nearby gold-copper mineralization.

On going exploration of the BIO property for copper-gold porphyry-type mineralization is recommended. The proposed work programme is for 500m of excavator trenching of Anomaly I and 7.5km of induced polarization surveying over Anomaly IV. In conjunction with the excavator trenching and induced polarization surveying, detailed prospecting and hand trenching of the multi element anomaly on the BIO 3 claim is also recommended. The cost of the proposed work is estimated at $75,000.

TABLE OF CONTENTS

TABLE OF CONTENTS

1 INTRODUCTION

This report describes the results of grid soil sampling, geological mapping and hand trenching carried out on the BIO property during 1990 by Rio Algom Exploration Inc. In 1989, the BIO property was optioned by Rio Algom from U Schmidt, A A Halleran and A D Halleran, to acquire the flanks of a prominent magnetic high underlain by Upper Triassic-Lower Jurassic Takla Group rocks. During 1989, Rio carried out grid soil sampling over the northern portion of the claims and a helicopter-borne magnetometer and VLF-EM survey of the entire claim group. This work highlighted several geochemical and magnetic anomalies which suggested their source may be porphyry-type copper-gold mineralization.

Encouraged by the 1989 programme, Rio extended grid soil sampling to cover the southern part of the claim group carried out 1:5,000 geological mapping of much of the claims and hand trenched two of the previously defined soil anomalies in 1990. The aim of this programme was to define exploration targets for porphyry style copper-gold mineralization in overburden covered areas.

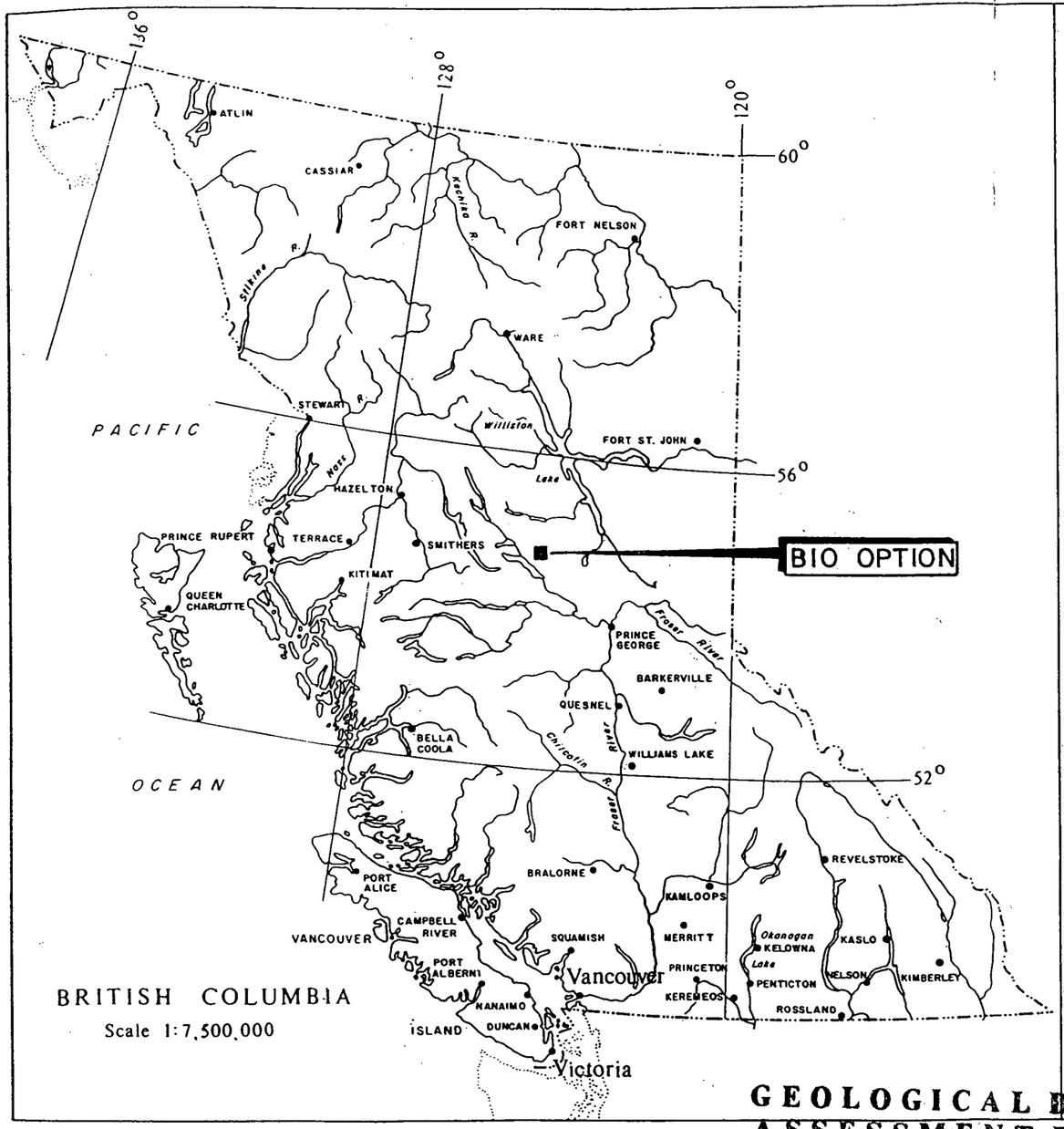
This report discusses the results of the geochemical and geological surveys and makes recommendations.

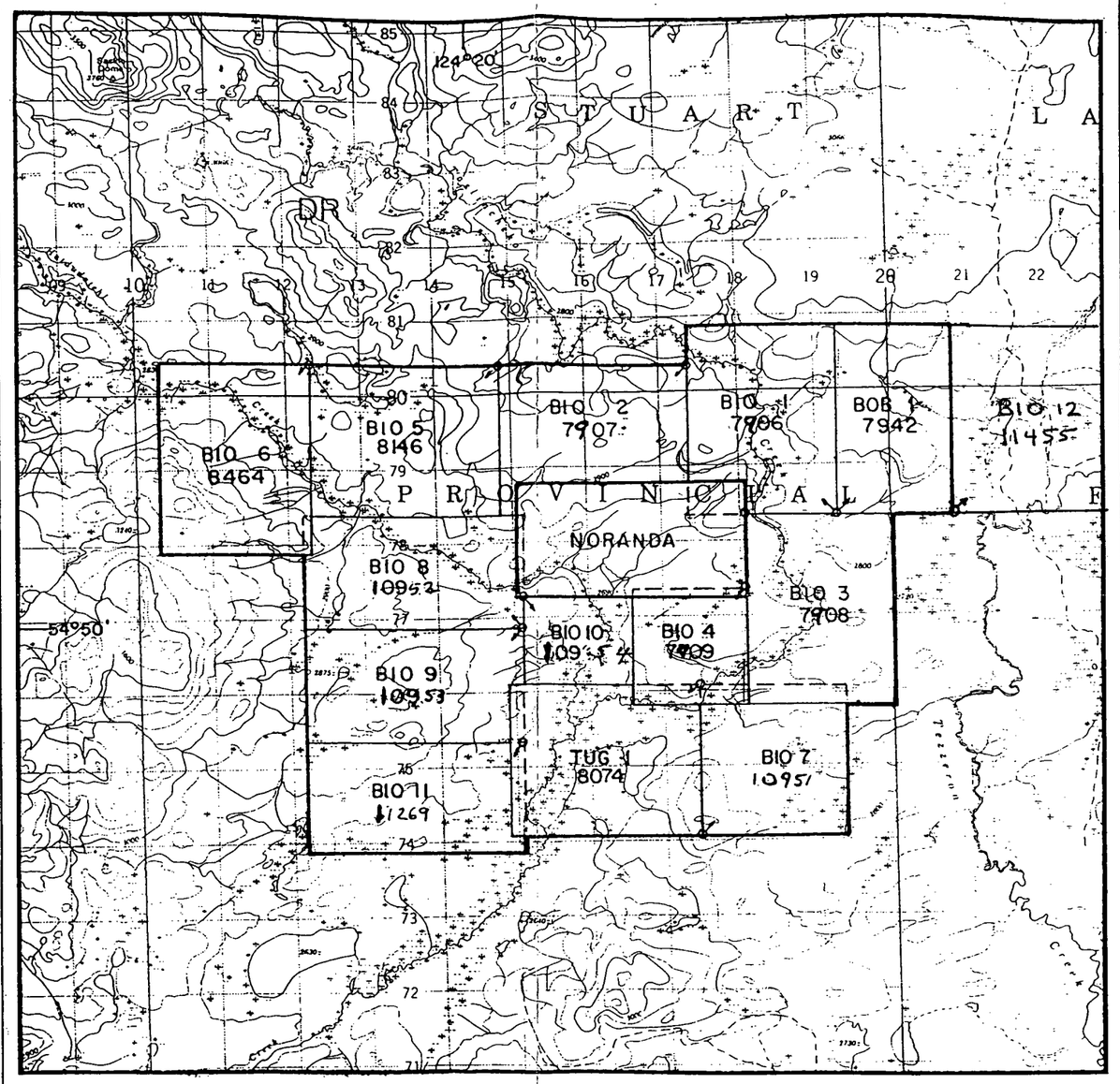
1.1 Location, Access and Physiography

The claims are located 50km north of Fort St James, British Columbia in the Omineca Mining Division on NTS map sheet 93K/16W. Geographic coordinates of the centre of the property are 54^{o} 51'N latitude and 124^{o} 20'W longitude, (Map 1).

Road access to the property is provided via the Germansen Road from Fort St James and two major branch logging roads which pass to the north and south of the property. Subsidiary logging roads from Germansen-Hat Lake Forestry Road approach the southeast corner of the TUG 1 claim. A second subsidiary road approaches to within 3km of the BIO 1 claim.

The northern property boundary is accessible via subsidiary roads from the Inzana Main Forestry Road. One of these crosses into the northern half of the BOB 1 claim. A second road provides access to the northwest corner of the BIO 1 claim.





GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,563

LEGEND

Legal corner post

N.T.S. 93 K - 16

SCALE 1:75,000

0 1 2 3 4 5 Kilometres

Rio Algom Exploration Inc.

BIO OPTION

LOCATION MAP

DATE	DRAWN BY	DWG.
DEC. 1989	J.A.M. / Chong	1

Access to the western claim area is more difficult, necessitating the use of a helicopter. The closest available helicopter is based in Fort St James.

The property is located near the northern boundary of the Fraser Basin, a subdivision of the Interior Plateau. On a large scale, the Fraser Basin is characterized by low relief with flat to rolling surfaces which, for the most part, lie below an elevation of 900m. Few bedrock exposures occur in these predominantly drift covered areas. Glacial ice moved in a northeasterly direction in the vicinity of the property. Elevations on the property range from 800 to 1036m. Bedrock exposure is variable. Outcrop is generally limited to road cuts and certain areas along ridge tops.

A typical field season lasts from early June to late October.

1.2 Property

The BIO option is comprised of the BIO 1-12, TUG 1 and BOB 1 mineral claims totalling 243 units. The claims, which are owned jointly by Uwe Schmidt, A A Halleran and A D Halleran, are held under option by Rio Algom Exploration Inc.

Details of the claims are as follows:

Claim	Units	Record No	Record Date
BIO 1	20	7906	Sep 15 1986
BIO 2	20	7907	Sep 15 1986
BIO 3	20	7908	Sep 15 1986
BIO 4	9	7909	Sep 15 1986
BIO 5	20	8146	Feb 16 1987
BIO 6	20	8464	Jun 16 1987
BIO 7	16	10951	Sep 5 1989
BIO 8	18	10952	Sep 6 1989
BIO 9	18	10953	Sep 6 1989
BIO 10	9	10954	Sep 6 1989
BIO 11	18	11269	Sep 7 1989
BIO 12	20	11455	Feb 20 1990
TUG 1	20	8074	Nov 5 1986
BOB 1	15	7942	Sep 26 1986

1.3 History

The earliest record of staking in the vicinity of the BIO property is the Hat claim group staked by NBC Syndicate in 1968. The Hat claims were staked over outcrops of basic intrusive rocks and associated pyrite and chalcopyrite mineralization discovered by an NBC syndicate crew while prospecting aeromagnetic highs, outlined on government survey maps.

Subsequent to staking, NBC carried out a magnetometer and horizontal loop EM survey on the property in 1968. In 1969, two diamond drill holes were drilled on an EM conductor and encountered argillaceous metasedimentary rocks of the Takla Group and hornblende diorite. Drill core and surface exposures of diorite are reported to have been extensively epidote altered (Schmidt, 1987).

In 1981 and 1982, Selco Explorations carried out an airborne EM and magnetometer survey over the area of the BIO option. Subsequent ground follow-up highlighted two conductors. One conductor, on what is now the BIO 5, was drilled and encountered alkaline intrusive, volcaniclastic rocks and argillite. The other conductor, situated on what is now the BIO 2 claim, was drilled and the hole intersected shale, basic volcanics, argillite, carbonate and sulphide-bearing chert.

In June 1986, following the discovery of gold mineralization on the Tas property 3km to the north of the BIO property, Noranda staked the HA 1 claim over the NBC copper discovery. Later in 1986 and in early 1987, Northwest Geological Consulting Ltd, in partnership with A. D. Halleran and A. A. Halleran, staked the BIO 1-6, BOB 1 and TUG 1 claims to the north, east and south of Noranda's HA1 claim.

In January 1987, Big Valley Resources Inc optioned the BIO property and carried out grid soil sampling over five separate areas of the claims. This geochemical survey defined two copper-gold anomalies in the north-central and northeastern part of the property. Despite these encouraging results, Big valley relinquished their option in 1989. In early September 1989, Rio Algom optioned the BIO property and subsequently carried out 633 line kilometres of helicopter-borne magnetics and VLF-EM surveying and collection of 1,700 soil samples on a 100m by 50m grid.

1.4 Rio Algom 1990 Work Programme

In early 1990, Northwest Geological Consulting Ltd was contracted to carry out grid soil sampling and 1:5,000 scale geological mapping over those portions of the southern and western claims area which had yet to be explored. Because much of this area is mantled by thick overburden and swamps, prior to commencing work, D Maynard, MSc was engaged to undertake an airphoto interpretation of the surficial geology to identify areas where soil sampling would not be an effective exploration tool. Areas identified by Maynard as unsuitable were not sampled.

Northwest Geological was also instructed to carry out preliminary hand trenching of coincident copper and gold geochemical anomalies previously detected on the BIO 1, BIO 2 and BOB 1 claims.

Northwest's crews were mobilized to the property in late May and fieldwork was completed by July 10. During this time, approximately 3,400 soil samples were collected on a 100m by 50m grid and geological mapping was completed.

2 GEOLOGY

2.1 Regional Geology

The property occurs within the Quesnel Trough, a subdivision of the Intermontane tectonic belt. The Quesnel Trough is fault bounded on the west by Paleozoic rocks of the Pinchi Belt and on the east by mid to upper Paleozoic rocks of the Slide Mountain Group.

The Quesnel Trough was the site of extensive island-arc volcanic and sedimentary deposition from late Triassic to early Jurassic time. The base of Quesnel Trough is an Upper Triassic black argillite unit. This unit is exposed near the eastern margin of the trough where it commonly overlies ophiolitic rocks of the Slide Mountain Group. The basal black argillite is overlain by a series of augite porphyry flows, breccias and minor argillites. These rocks are overlain by a second sequence of argillites and volcaniclastic rocks of Upper Triassic to Lower Jurassic age. Subaerial volcaniclastics in the geologic record indicate that volcanic centres in the trough emerged in early Jurassic time. This is postulated to have occurred in conjunction with the rise and deformation of Omineca Crystalline Belt rocks to the east.

Block faulting and tiling are the dominant structural styles in the belt. Faults trend in a northwest and northeast direction. Folding is restricted to the eastern margin of the belt near its structural boundary with the Omineca Crystalline Belt.

Two major episodes of granitic intrusion are recognized along a northwest trending belt slightly oblique to Quesnel Trough. The intrusive events cluster around 200 and 100 million year ages.

Gold and copper-gold deposits have an affinity for 200 million year old alkalic plutons and Triassic-Jurassic volcanic rocks. Molybdenum deposits, on the other hand, are associated with the 100 million year intrusive event.

2.2 Property Geology

Systematic geological mapping of the BIO claims was hampered by the extensive overburden cover, swamps and lakes. Rock outcrops comprise

less than 1% of the surface area and are generally restricted to ridges and hilltops. This lack of outcrops has prevented a detailed analysis of both the stratigraphy and structure of the claims.

Results of geological mapping by Northwest Geological personnel are displayed on maps 3 and 4 covering the southeast and southwest areas of the BIO property, respectively.

Exposure in the southeast map area of the BIO property is restricted to one hill near the western limits of the grid.

As is the case to the west, this area is predominantly underlain by sedimentary rocks of the Takla Group. These include greywacke, siltstone, argillite and chert. Small outcrops of diorite and monzonite were also mapped but their limited occurrence suggests that these units occur as dykes.

One occurrence of andesite and one outcrop of limestone were also mapped.

The geology of the southwest grid area on the BIO property is dominated by metasedimentary rocks of the Upper Triassic to Lower Jurassic Takla Group. The Takla Group in this area comprises shale, phyllite, argillite and greywacke. For mapping purposes, these lithologies have been divided into two units. The fine-grained rocks - argillite, shale and phyllite - are in one unit and the coarser grained rocks - greywackes - are in the second unit.

Fine-grained rocks are dominant in the northern and southern ends of the grid. The stratigraphy strikes east-west to northwest. Dips are variable but, on average, steep to vertical. Stratigraphic tops were determined by truncated cross-beds which indicate a northward younging sequence.

Coarser clastic rocks occur in the centre of the grid. Greywackes in this unit vary from fine to coarse grained, light to grey-green. Massive, uniformly granular varieties have a close resemblance to andesite but the presence of elongated argillite clasts with typical dimensions of 0.5 x 3 cm reveal this unit's sedimentary origin.

Fine-grained sedimentary rocks consist of dark grey to black, massive argillite, phyllite and shale. Colour banding on weathered surfaces reveals bedding. Trace fossils such as worm burrows were observed in this unit.

The presence of trace fossils and the general lack of shallower sediments indicate that the grid area is underlain by sediments deposited at shallow to moderate depths. Trace fossils also indicate a slow sedimentation rate.

Greywackes in the centre of the grid indicate a temporary change in the depositional regime to one dominated by volcanically derived clastic sedimentation.

3 GEOCHEMISTRY

3.1 Surficial Geology

Prior to undertaking a geochemical soil sampling survey of the property, Rio Algom contracted D E Maynard, MSc to carry out an air-photo interpretation of the surficial geology of the BIO property (Map 5). This study was done to identify those areas of the claims covered by overburden having characteristics which make soil sampling an effective exploration technique for copper and gold mineralization. The survey was also undertaken to identify directions of ice transport, depth and type of overburden, all of which would assist in determining the source of any trace element anomalies found by the survey. A copy of Maynard's report, detailing his findings, is provided as Appendix III.

3.2 Sampling Method, Preparation and Analyses

Based on the findings of the airphoto interpretation all or portions of the BIO 3-9, BIO 11 and TUG 1 claims, were selected for grid soil sampling.

Under contract to Rio Algom Exploration Inc, crews employed by Northwest Geological Consulting Ltd collected a total of 3,400 soil samples at 50m intervals along east-west oriented, compassed and flagged lines. At each site, with the aid of a shovel, soil was collected from the top of the B horizon. Where B horizon soil was unavailable, a sample was not collected. Soil was placed in a gusseted Kraft paper envelope marked with the grid coordinates. The samples were shipped to Acme Analytical's laboratory in Vancouver where the soil was sieved to -80 mesh. A 0.5 gram sub sample of the -80 mesh material was analyzed for molybdenum, copper, lead, zinc, silver, nickel, cobalt, manganese, iron, arsenic, uranium, thorium, strontium, cadmium, antimony, bismuth, vanadium, calcium, phosphorous, lanthium, chromium, magnesium, barium, titanium, boron, aluminum, sodium, potassium and tungsten by inductively coupled argon plasma methods (ICP). Iron, calcium, phosphorous, magnesium, titanium, aluminum, sodium and potassium are reported in per cent while other elements are reported in parts per million (ppm). Gold was analyzed by atomic absorption (AA) after acid digestion of a 10 gram sub-sample of the -80 mesh fraction. Gold results are reported

in parts per billion (ppb) and have a detection limit of 1 ppb. Sample certificates listing the analytical results for each element are appended to this report.

3.3 Results

Analytical results of the elements were statistically analyzed using histogram techniques (Map 2). Based on these histograms, values were categorized into seven groupings or ranges which were assigned various sizes of symbols. These symbols were then plotted on maps. The coded values for gold and copper are plotted on Maps 6 and 7 respectively, while the coded values for the remainder of the elements are plotted on 1:30,000 scale maps provided in Appendix II.

As the detection of trends of anomalous values are believed by the writer to be of greater significance than the absolute values of individual sample sites, only code values are plotted. This was done to avoid cluttering the map which would make the recognition of element patterns more difficult. To assist the reader in determining the levels indicated by the coded values, the values of the upper 5% of the population are printed beside their symbols.

Plotting of the results highlighted a single coincident copper and gold anomaly referred to as Anomaly V (Maps 6 and 7).

Anomaly V is also a coincident, or partially coincident, in arsenic, lead, zinc, iron, manganese, calcium and aluminum. As defined by gold values in excess of 25ppb, measures 300m by 300m. No outcrop was found in the vicinity of this anomaly and, based on the airphoto interpretation of the surficial geology, this area is underlain by thick fluvial-glacial deposits. It is possible, therefore, that rather than being derived from underlying mineralized bedrock, the anomaly is caused by a combination of placer accumulations of gold and hydromorphic concentration of trace elements. Determining the exact cause of this anomaly will require systematic prospecting and hand trenching.

Plotting of the copper results show broad areas of elevated values (>40ppm). Generally, these occur in the western claim area and may represent higher background copper values in the underlying sedimentary rocks. Anomalous copper values, with one exception, occur in topographically low areas underlain by thick glacial till (Unit 1). All of these copper anomalies are also coincidently anomalous in strontium, calcium, manganese, iron and aluminum which implies they are secondary hydromorphic anomalies formed in seepage depressions. A copper anomaly in the eastern portion of the claims on the TUG 1 claim likely has a similar cause.

A copper anomaly on the boundary between the BIO 9 and BIO 11 claims occurs in an area of shallow overburden which may reflect a bedrock source. However, geological mapping of the anomalous area found only unaltered greywacke and no mineralization that might explain the anomalous values.

4 TRENCHING

As a preliminary evaluation of the coincident copper-gold anomalies found during the 1989 and 1987 soil sampling programmes, trenches were excavated by hand at various anomalous sample sites within the anomalies. It was hoped that trenches would either reach bedrock or uncover angular float which might assist in determining the cause of the anomaly. Profile sampling of each pit was done to determine if copper and gold values increased with depth or were limited to the upper soil horizons. The presence of anomalous values at depth in the pits would imply proximity to source, even if bedrock was not reached, while anomalous values restricted to more surface soils would imply the anomalous values were derived from an up-ice source or hydromorphic accumulations.

Trenching sites are shown on Map 3 with sketches and results for copper and gold provided in Appendix V.

Of the fifteen trenches dug, six were on the western edge of Anomaly I. Three trenches reached bedrock while the rest contained angular float believed to be derived from bedrock. Where bedrock was reached, highly fractured, limonite stained and carbonate veined grey siltstone containing 1-5% fine-grained granular pyrite as disseminations and fracture fillings was encountered. Angular float was predominantly varieties of fine-grained clastic sedimentary rocks, variably carbonate altered and pyritized. Propylitized diorite was also present but in subordinate amounts to the sedimentary rocks. Analysis of rocks from the trenches gave copper values from 57 to 245ppm but uniformly low gold values.

In nearly all cases profile sampling of the soil pits shows increasing copper content with depth. Gold values are more erratic, however, overall gold content of the soils decreased with depth. Although these test pits provide only limited data, some conclusions can be made. The increasing copper content with depth, coupled with anomalous copper in some bedrock samples, (245ppm) suggests the copper-in-soil anomaly is proximal to source. In contrast, elevated gold appears to be restricted to the upper portion of the soil profile which suggests the anomaly has been transported some distance from source. The absence of fluvial-glacial gravels and the shallow depth and till-like composition of overburden implies the gold has been transported only a short distance from source by ice movement. As the dominant ice direction is 060^{o}, the source area will likely be found to the west-southwest of the gold soil anomaly. Further, the trench results would also imply the gold and copper are derived from separate sources.

Four trenches were excavated in Anomaly II at sites where last year's sampling yielded anomalous gold. All of the trenches encountered well sorted fluvial-glacial gravels without reaching bedrock. Profile sampling of the pit walls showed low gold values except where these samples were collected from the B horizon. Similar results were found for copper. From the trench results, it is concluded that the high gold values obtained in last year's sampling were the result of placer gold accumulations in reworked fluvial-glacial material and not related to an immediate bedrock source. The transported nature of the overburden also makes it unlikely that the anomalous copper values in Anomaly II are sourced from underlying mineralization, but are more likely caused by hydromorphic accumulations. This year's trenching has, therefore, significantly downgraded the importance of Anomaly II.

Five trenches were sunk in Anomaly IV. Similarly to those in Anomaly II, none of these trenches reached bedrock. The trenches all bottomed in glacial till, although some trenches were collared in fluvial-glacial gravels. It is interesting to note that the original anomalous gold values found in the 1987 sampling failed to repeat in any of this year's retakes. The cause of these erratic gold results may be either the presence of course particulate gold or an analytical problem. Copper values closely correlate with the previous sampling, however, no overall pattern of increasing copper content with depth is apparent. Based on the trench results in conjunction with Maynard's photo interpretation of the surficial geology, overburden underlying Anomaly IV is expected to be in the order of 3 to 15m.

5 CONCLUSIONS

The multi-element Anomaly I remains the priority exploration target for copper-gold porphyry mineralization on the BIO property. This year's limited trenching of Anomaly I found strongly carbonate altered and pyritized siltstones containing anomalous levels of copper beneath a shallow overburden cover. As only a small portion of the anomaly was tested, there remains excellent potential for finding better mineralization elsewhere within this anomaly. The shallow overburden depths makes excavator trenching the ideal tool for further evaluation of this target.

The second priority target is anomaly IV where a broad area of anomalous copper-in-soil in part overlies a circular magnetic high. Trenching, in conjunction with an airphoto interpretation of the surficial geology, suggests a cover of glacial till in the order of 3 to 15 metres. Because of the overburden depths, the best method of testing this target is induced polarization survey. Any chargeability anomaly found will require drill testing.

Trenching of Anomaly II shows it to occur over fluvial-glacial gravels. The transported nature of the overburden makes the source of this anomaly more likely to be a combination of placer derived gold and hydromorphically accumulated trace elements rather than nearby mineralized bedrock. For this reason no further work is proposed for this target.

This year's grid soil sampling of the southern and western claim areas discovered a single coincident gold and copper-in-soil anomaly on the BIO 3 claim, referred to as Anomaly V. The limited size of this anomaly and its occurrence in an area believed to be underlain by fluvial-glacial gravels makes it a flow priority exploration target.

Several other copper anomalies were highlighted in the southern and western claim area, however, their associated trace element signatures, coupled with their occurrence in areas underlain by unaltered siltstone to greywacke sequences, suggests they are secondary hydromorphic anomalies formed in seepage depressions. No further work is recommended in these areas.

6 RECOMMENDATIONS

The following programme is recommended for the BIO property:

a) 500m of backhoe trenching on Anomaly I;

b) 7.5km of Induced Polarization survey over Anomaly IV;

c) Hand trenching and detailed prospecting of Anomaly V.

The estimated cost of the recommended programme is $75,000.

7 REFERENCES

ARMSTRONG, J E (1948): Map 907a, Fort St James 1 inch to 6 miles, GSC.

BACON, W R (1969): Geophysical report on the Hat 1 Claim Group. BCMM Assessment Report 1,933.

FARMER, R (1983): Summary of Diamond Drilling on the Sask Claims 9 to 18. Operator - Selco Inc. Assessment Report 12,255

McClintock, J A (1989) Geochemical and Geophysical Report on the BIO Option for Rio Algom Exploration Inc. BCDM Assessment Report.

MAXWELL, G (1987): Geological and Geochemical Report on the HA 1 Claim for Noranda Exploration Company Limited. BCDM Assessment Report 16,272.

REES, C J (1981): Western Margin of the Omineca Belt at Quesnel Lake, B C in GSC Paper 81-1a, pages 223-226.

SCHMIDT, U (1987): Report on Grid Geochemical Survey of the BIO Property, Omineca Mining Division. BCDM Assessment Report.

STRUIK, L E (1981): A re-examination of the type area of the Devono-Mississippian Cariboo Orogeny, Central B C, Canadian Journal of Earth Sciences Volume 18 No: 12.

WALCOTT, P E (1982): A Geophysical Report on Electromagnetic and Magnetic Survey Sask, Stuart, Butcher Flats Claims for Selco Inc. Assessment Report No 10,643.

8 STATEMENT OF QUALIFICATIONS

I, John A McClintock do certify that:

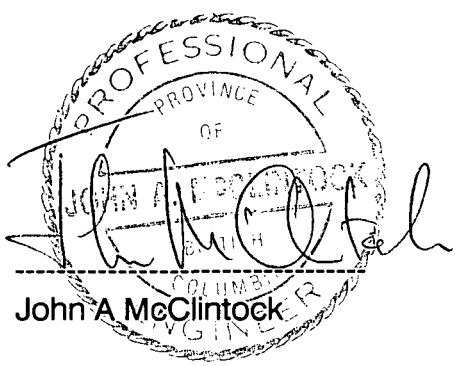
1 I am a geologist residing at 4044 Mars Place, Port Coquitlam, British Columbia.

2 I am a graduate of the University of British Columbia with the degree of B Sc (Honors) in Geology

3 I am a registered member of the Association of Professional Engineers of the Province of British Columbia, registration 12078

4 I have practised my profession as an exploration geologist continuously for more than 17 years.

5 I supervised the exploration work described in this report on behalf of Rio Algom Exploration Inc.



John A McClintock

October 31 1990

APPENDIX I

COST STATEMENT

APPENDIX I - COST STATEMENT

General Costs

Report Preparation

i)	J A McClintock - 5 days @ $200/day		$1,000.00	
ii)	Drafting		1,035.80	
iii)	Prints, photocopying, assembling		600.00	
iv)	Helicopter (Northern Mountain)		$ 8,319.00	
	Total General Costs		**$10,954.80**	

Geochemistry Costs

i)	Sampling Costs (all in)			
	- Northwest Geological		$60,988.10	
ii)	Analyses - Acme Analytical Labs		27,093.00	
iii)	Terrain Analysis			
	- D Maynard	$1,200		
	- Airphotographs	$ 200	1,400.00	
iv)	Geochemical Plotting			
	- Prime Geochemical Methods		3,731.20	
v)	Portion of General Costs		$ 7,668.36	
	Total Geochemistry Costs			**$100,880.66**

Geology Costs

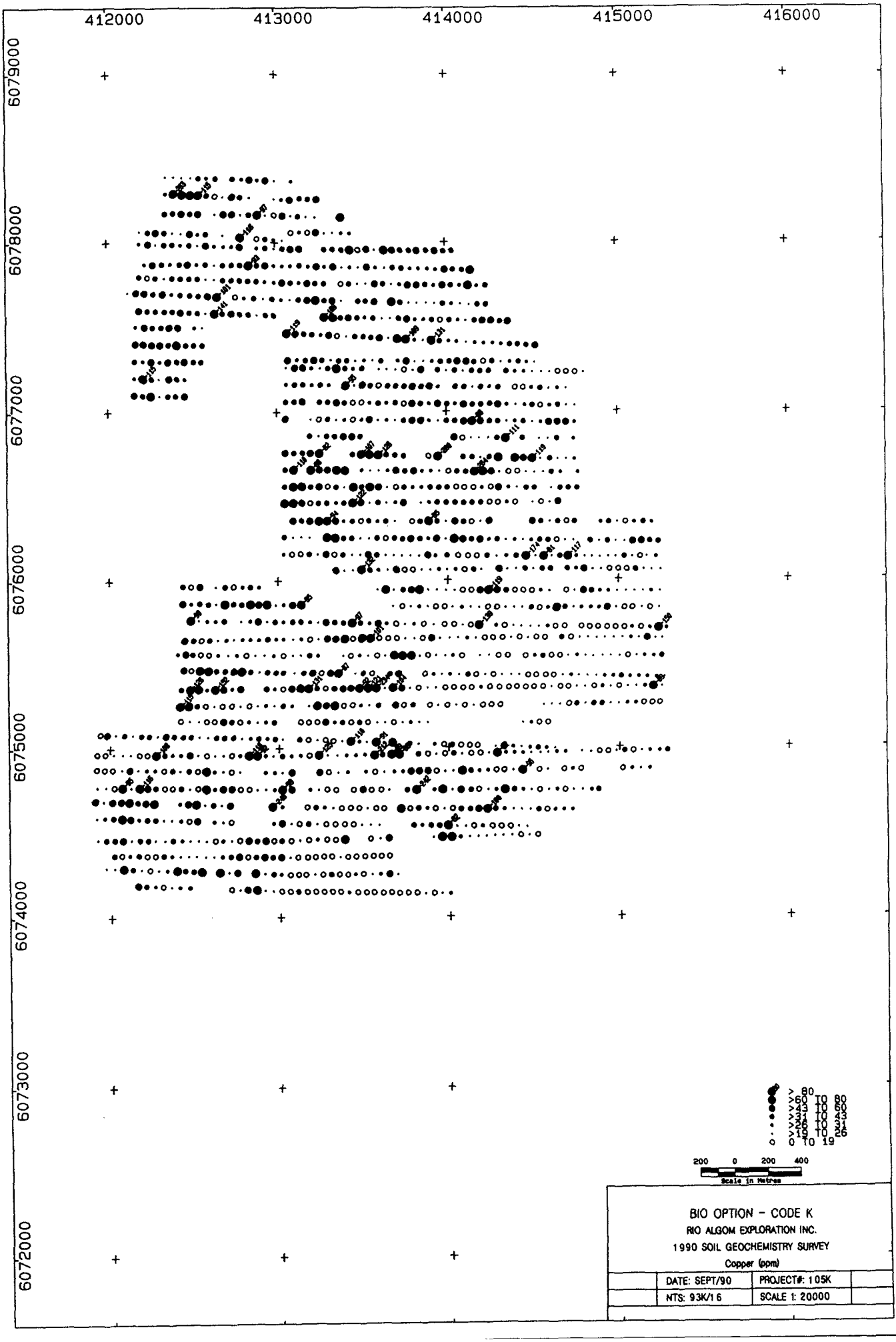
i)	Mapping - Northwest Geological (all in)	$14,001.86	
ii)	Portion of General Costs	3,286.44	
	Total Geology Costs		**$ 17,288.30**
	TOTAL		**$118,168.96**

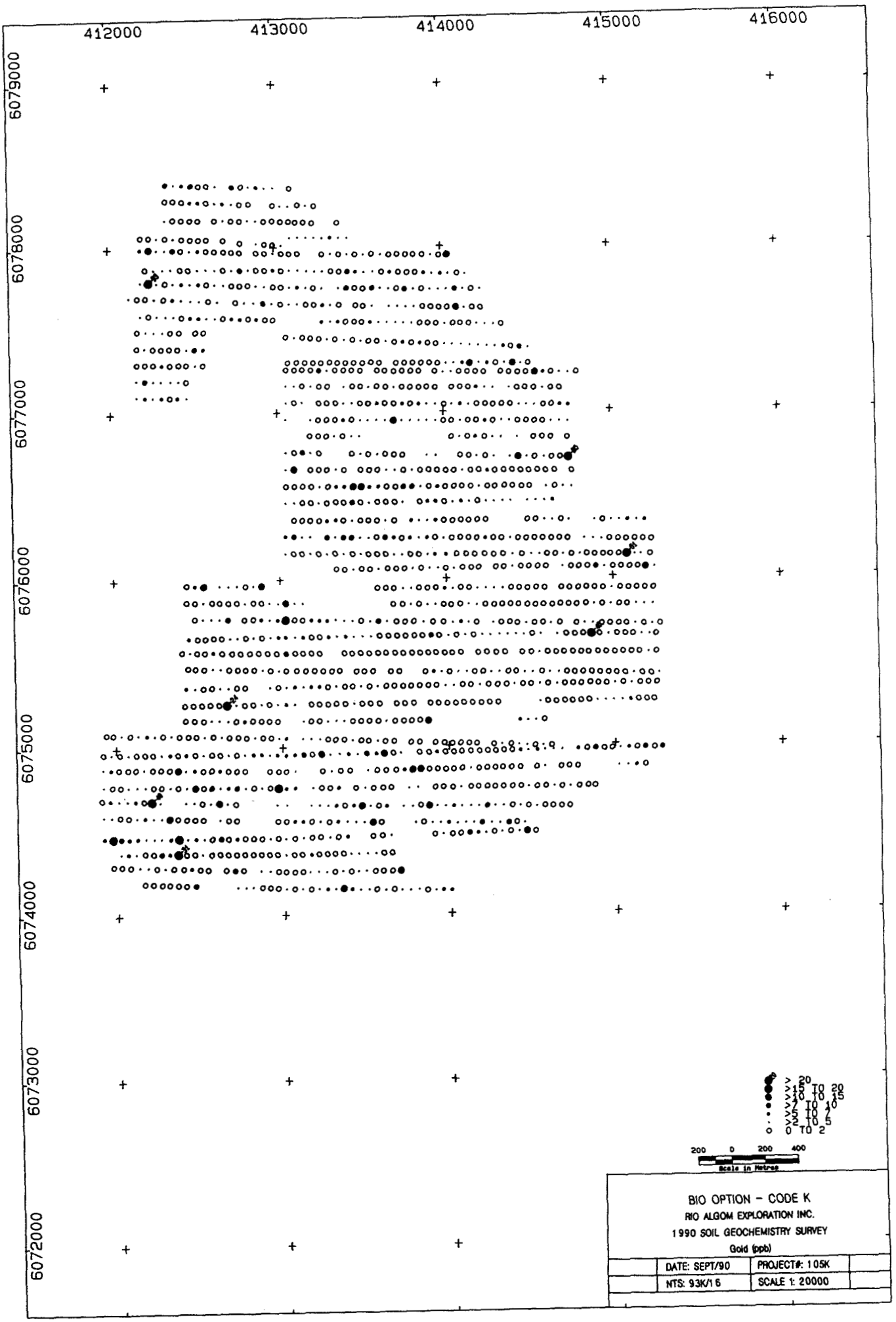
COSTS APPORTIONED TO CLAIMS

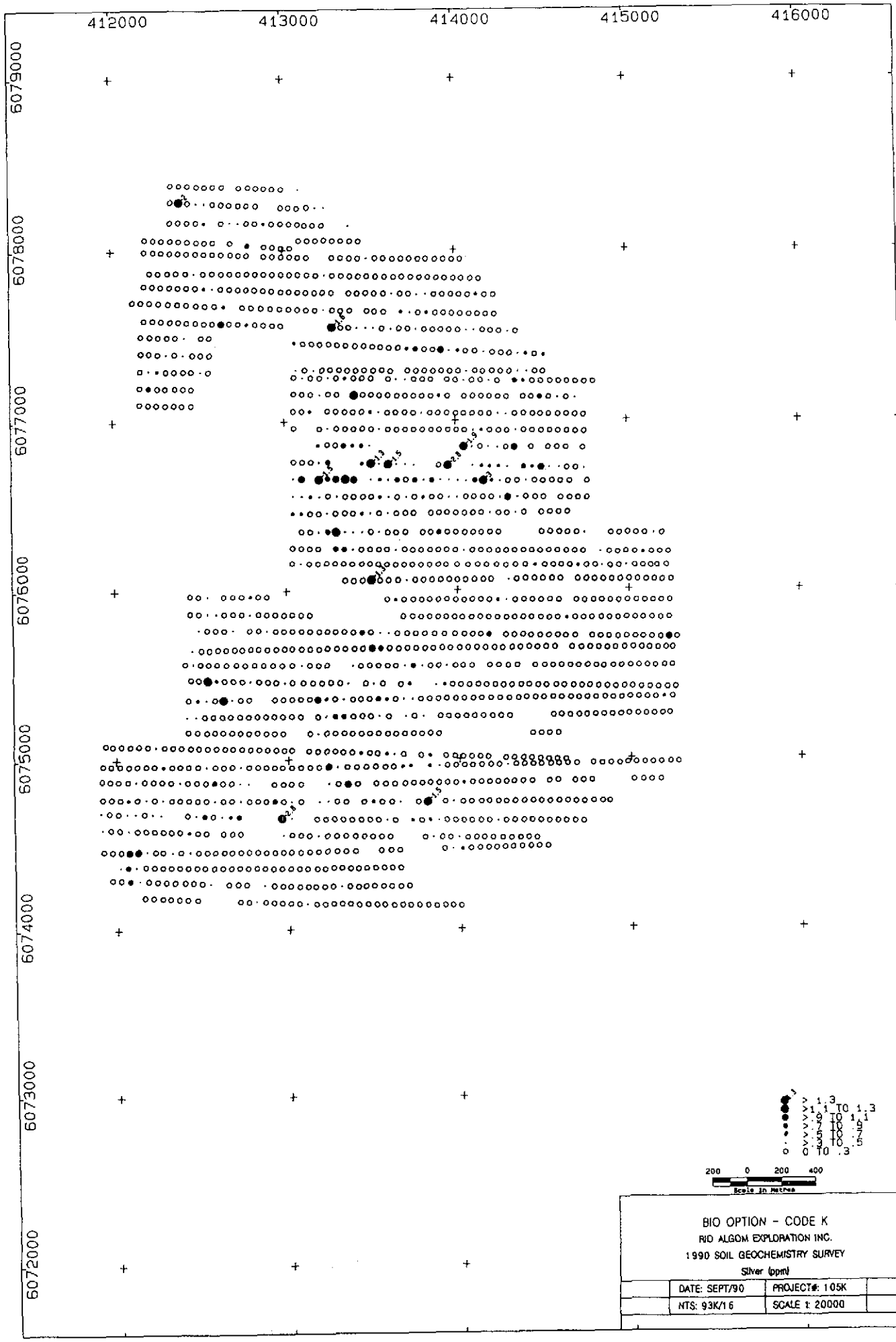
	Geology	Geochemistry	Total
BIO 1	$1,440.69	-	$1,440.69
BIO 2	1,440.69	-	1,440.69
BIO 3	1,440.69	$12,610.08	14,050.77
BIO 4	1,440.69	5,044.03	6,484.72
BIO 5	1,440.69	17,048.83	18,489.52
BIO 6	-	-	-
BIO 7	1,440.69	12,610.08	14,050.77
BIO 8	1,440.69	17,048.83	18,489.52
BIO 9	1,440.70	17,048.82	18,489.52
BIO 10	-	-	-
BIO 11	1,440.70	17,048.82	18,489.52
BIO 12	1,440.69	-	1,440.69
BOB 1	1,440.69	-	1,440.69
TUG 1	$ 1,440.69	$ 2,421.17	$ 3,861.86
TOTAL	**$17,288.30**	**$100,880.66**	**$118,168.96**

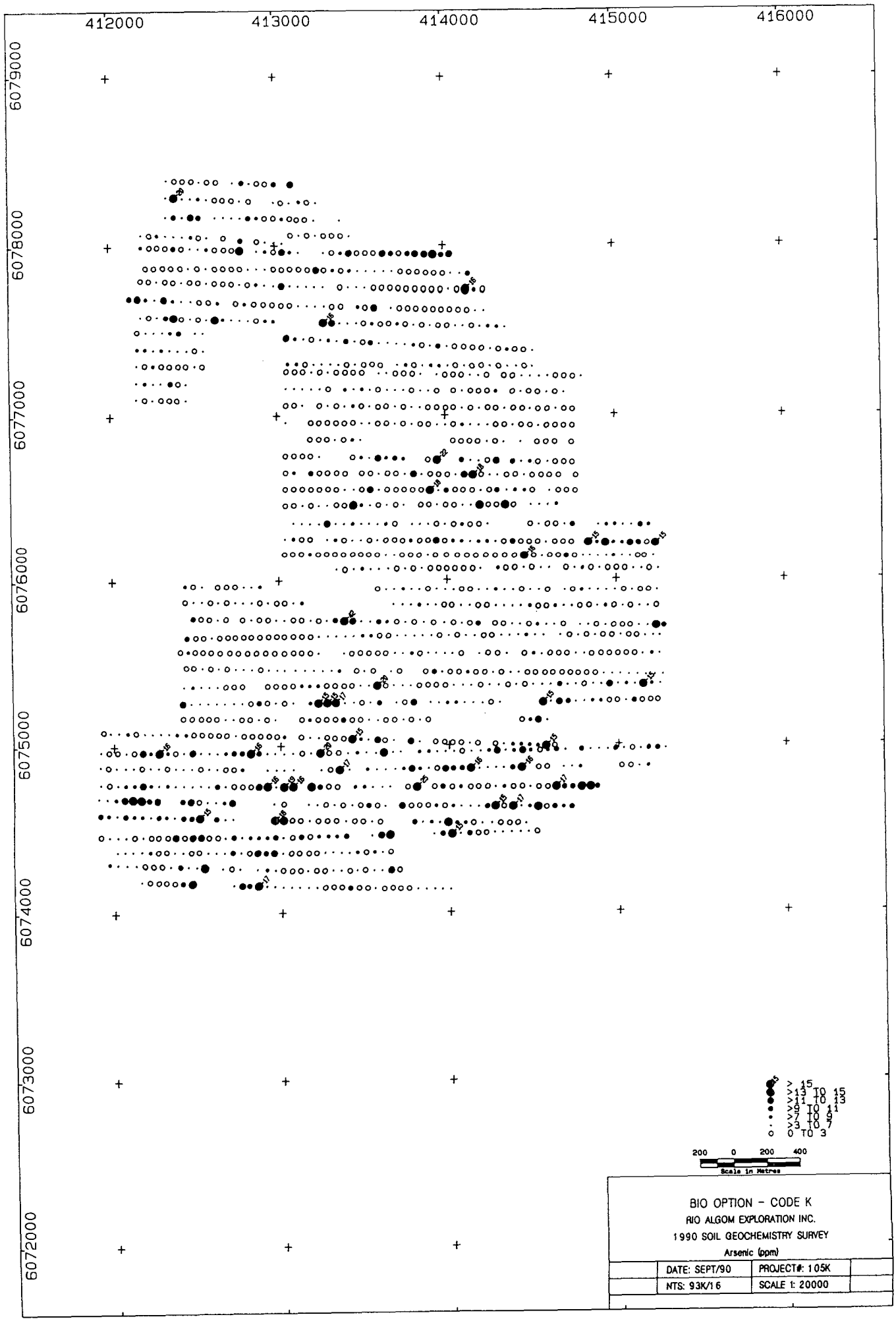
APPENDIX II

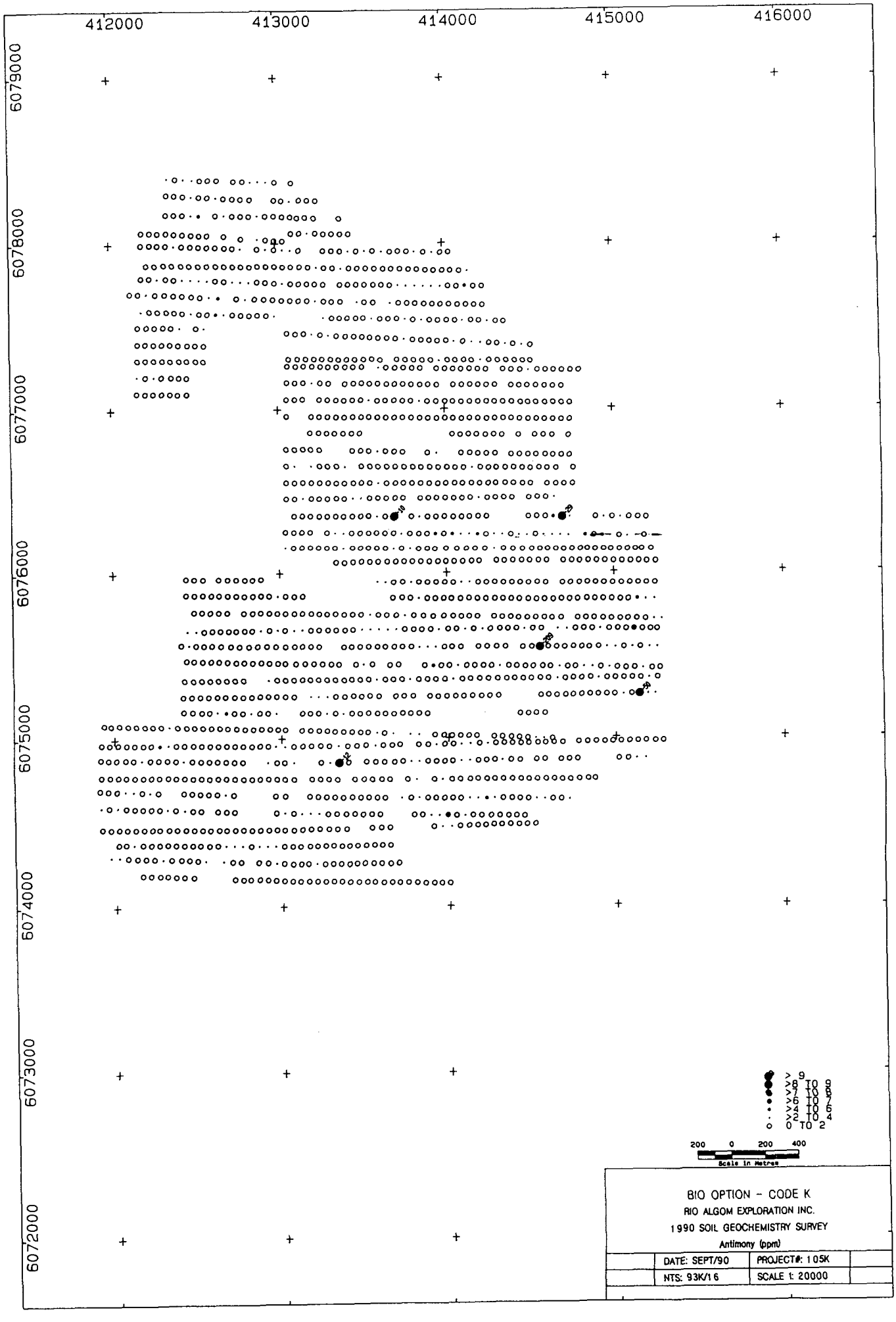
PLOTTED GEOCHEMICAL RESULTS FOR ANALYZED ELEMENTS

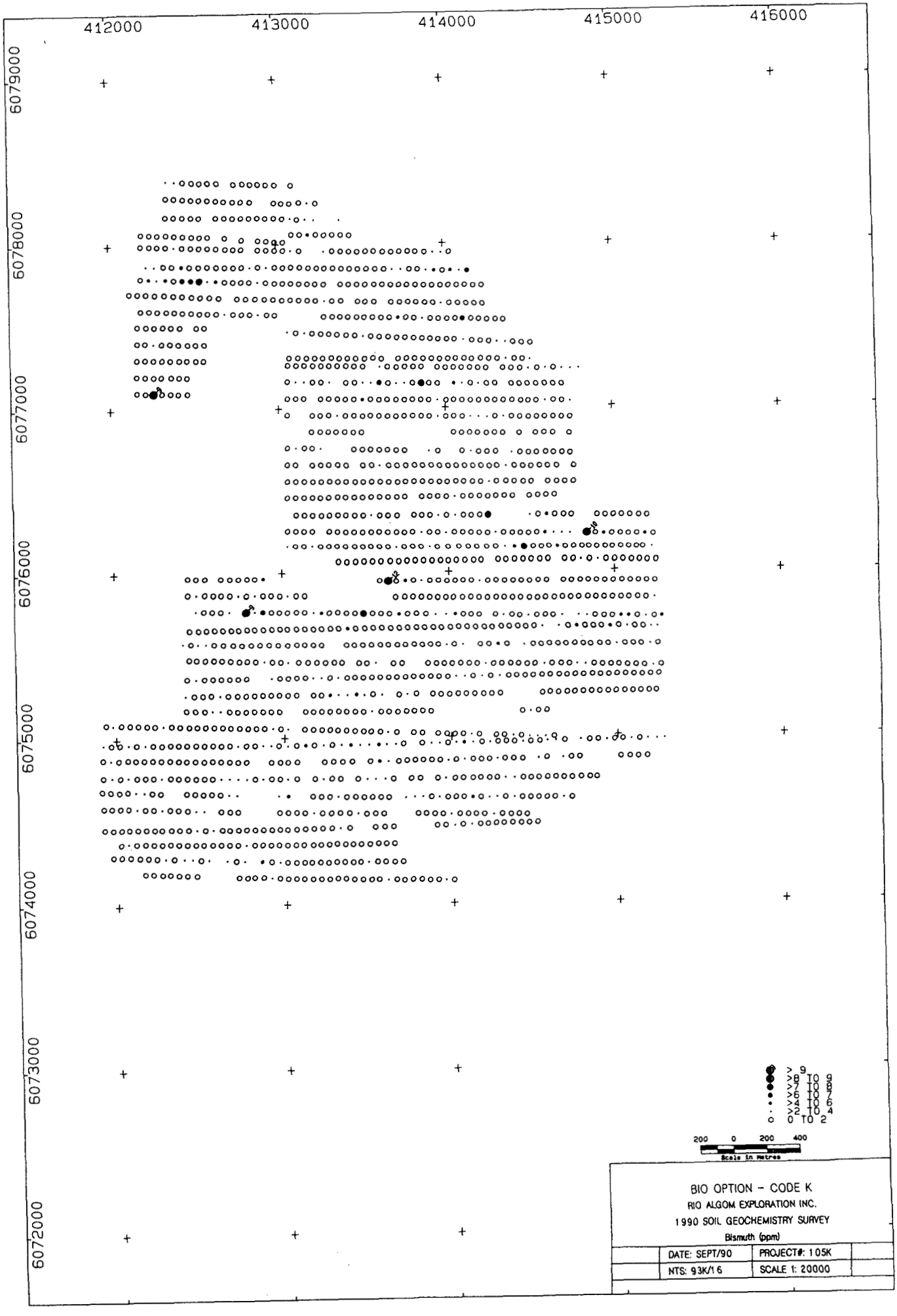

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 80
>60 TO 80
>43 TO 60
>31 TO 43
>26 TO 31
>19 TO 26
0 TO 19
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Copper (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

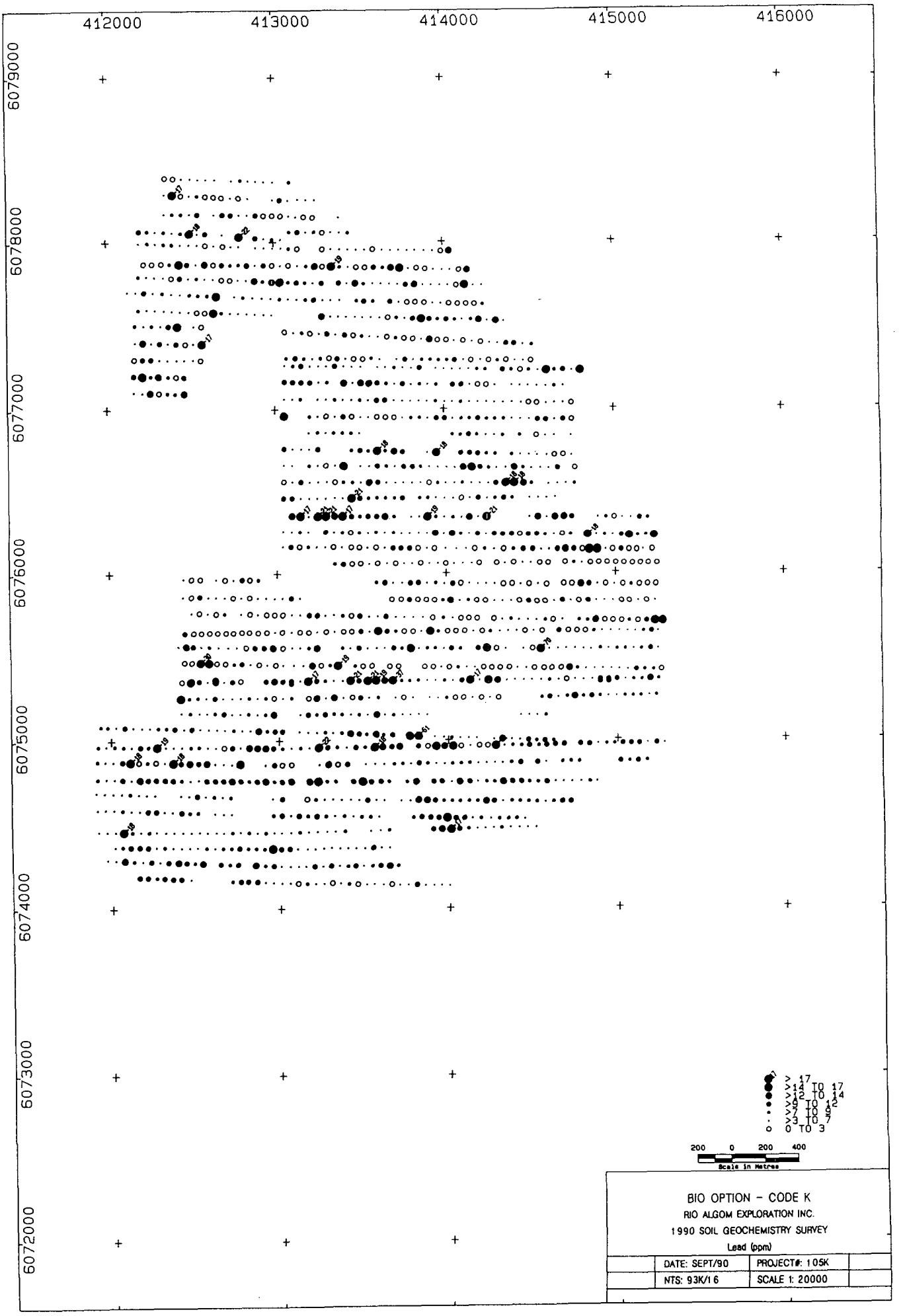

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 20
>15 TO 20
>10 TO 15
>7 TO 10
>5 TO 7
>2 TO 5
0 TO 2
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Gold (ppb)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

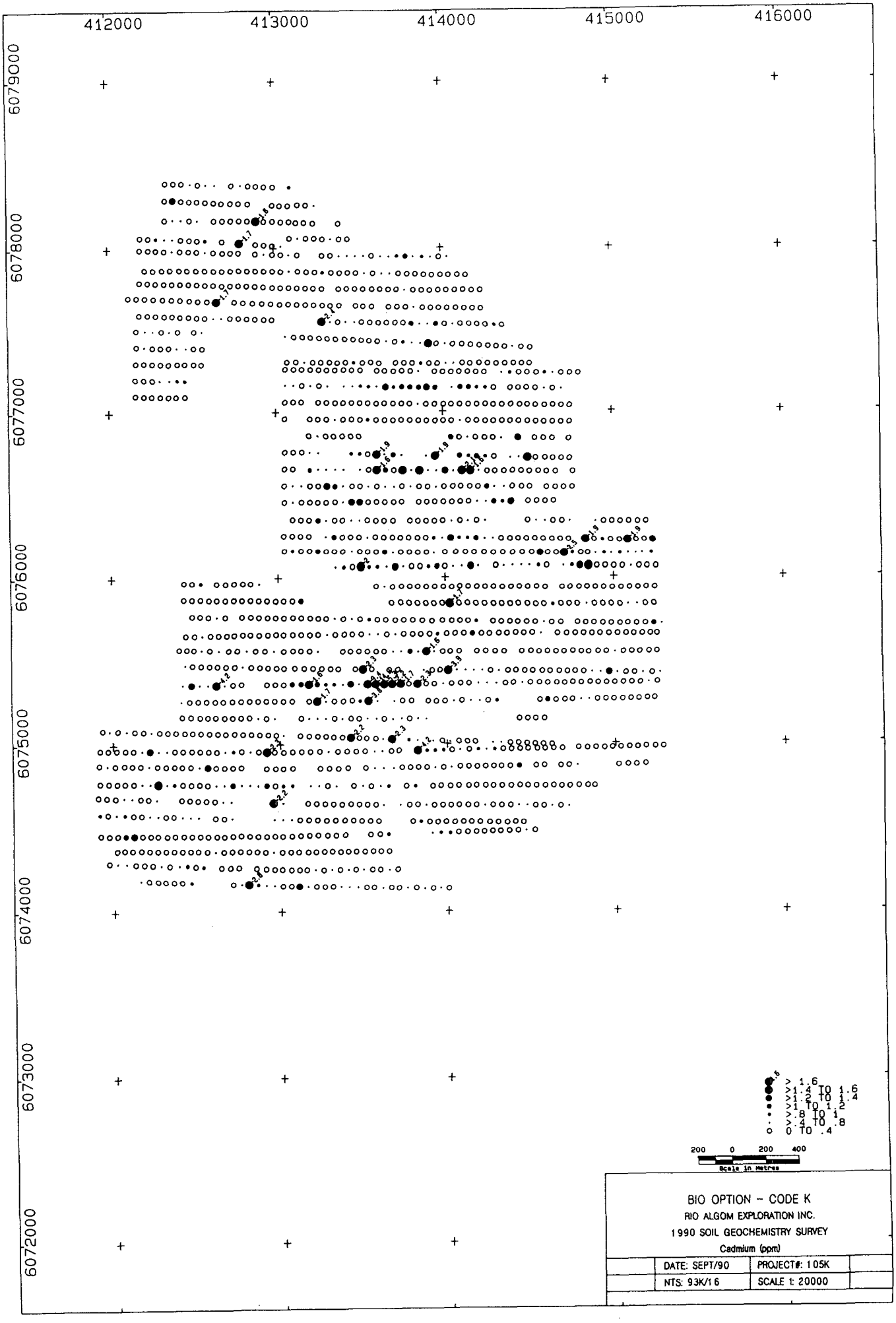

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 1.3
.7 TO 1.3
.5 TO .7
.3 TO .5
0 TO .3
200 0 200 400
Scale in Metres
BID OPTION - CODE K
RID ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Silver (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

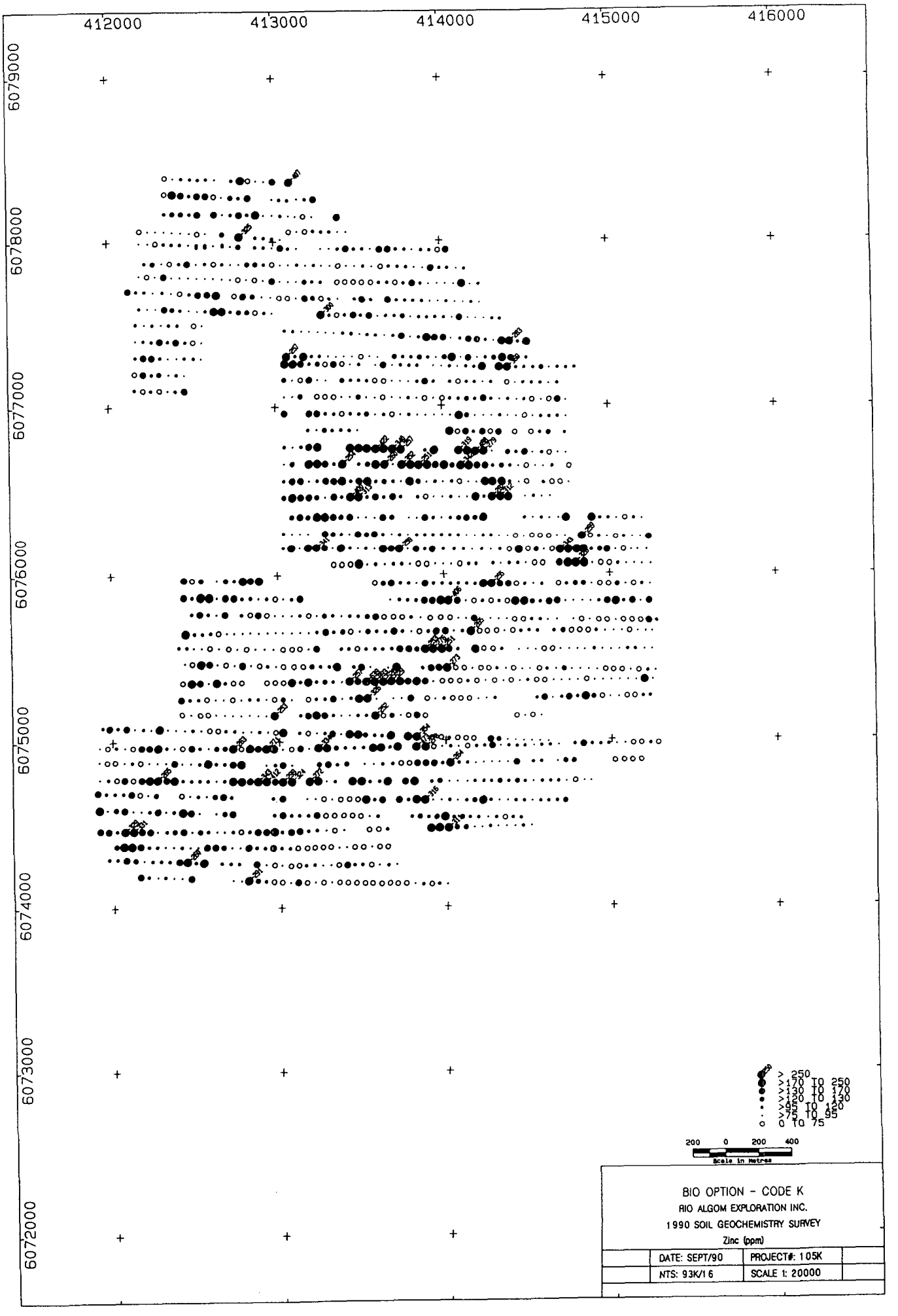

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 15
>13 TO 15
>11 TO 13
>9 TO 11
>7 TO 9
>3 TO 7
0 TO 3
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Arsenic (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

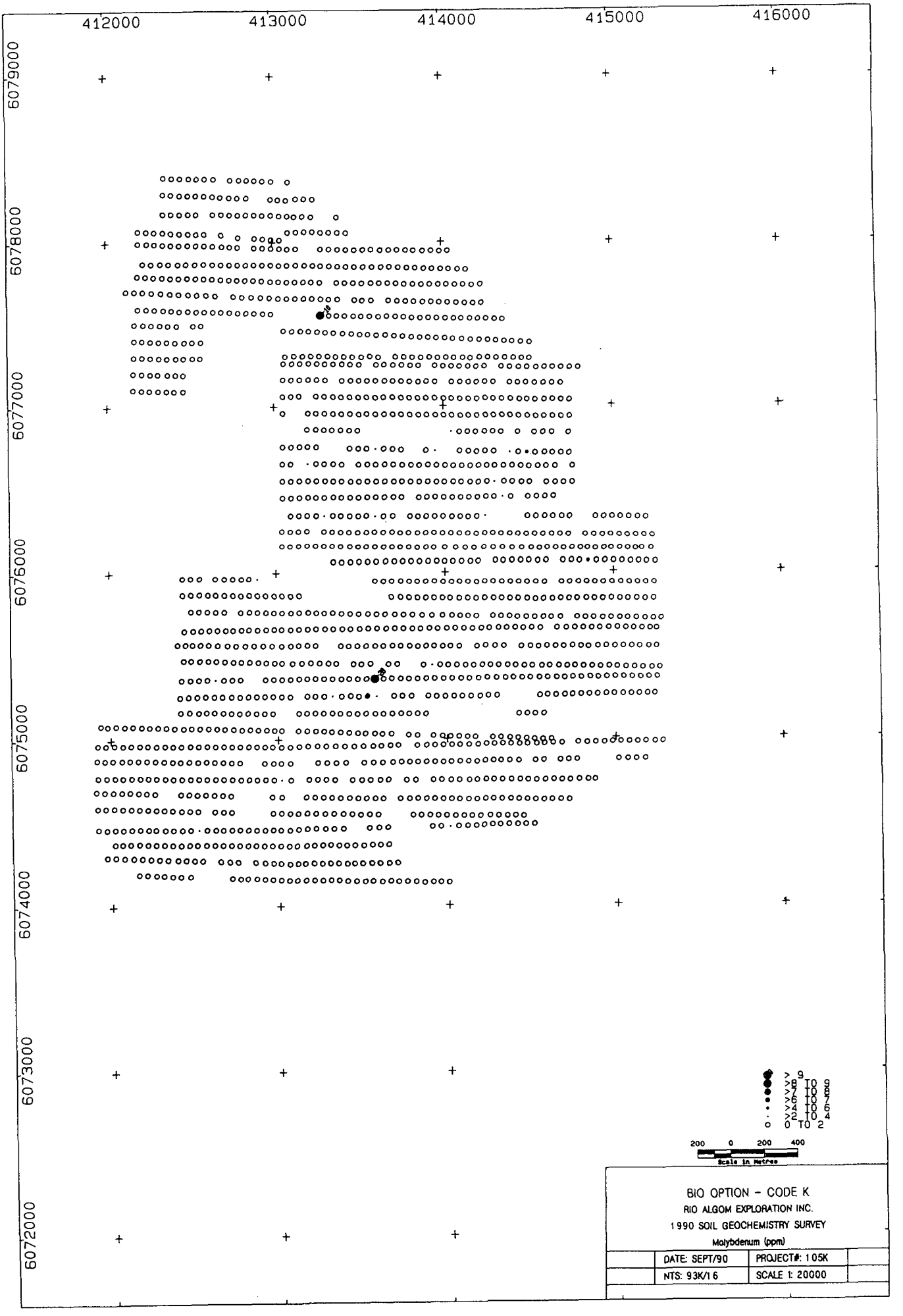

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 9
>8 TO 9
>7 TO 8
>6 TO 7
>5 TO 6
>4 TO 5
>2 TO 4
0 TO 2
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Antimony (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

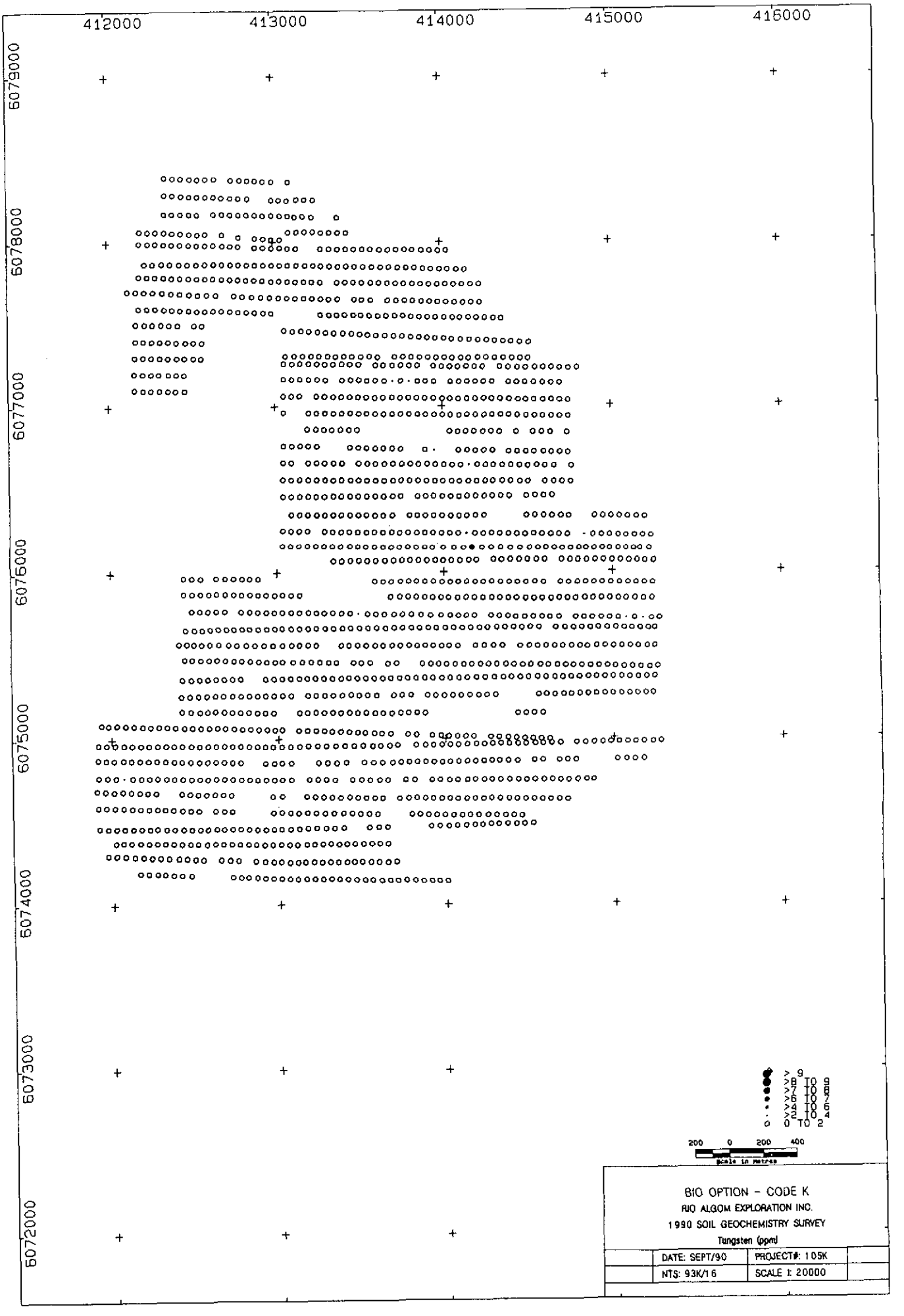

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 9
>8 TO 9
>7 TO 8
>6 TO 7
>4 TO 6
>2 TO 4
0 TO 2
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Bismuth (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

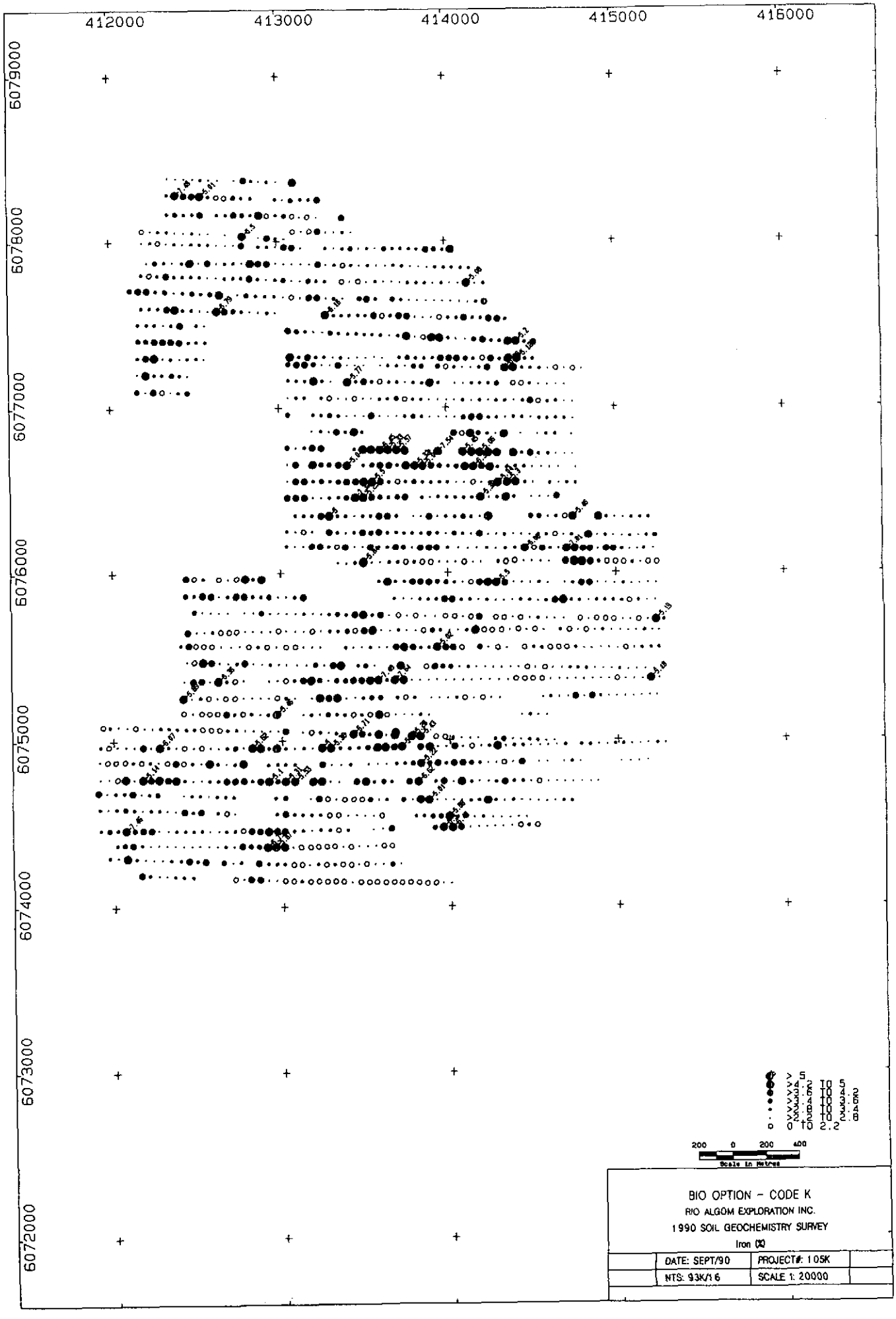

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 17
>14 TO 17
>12 TO 14
>9 TO 12
>7 TO 9
>3 TO 7
0 TO 3
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Lead (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

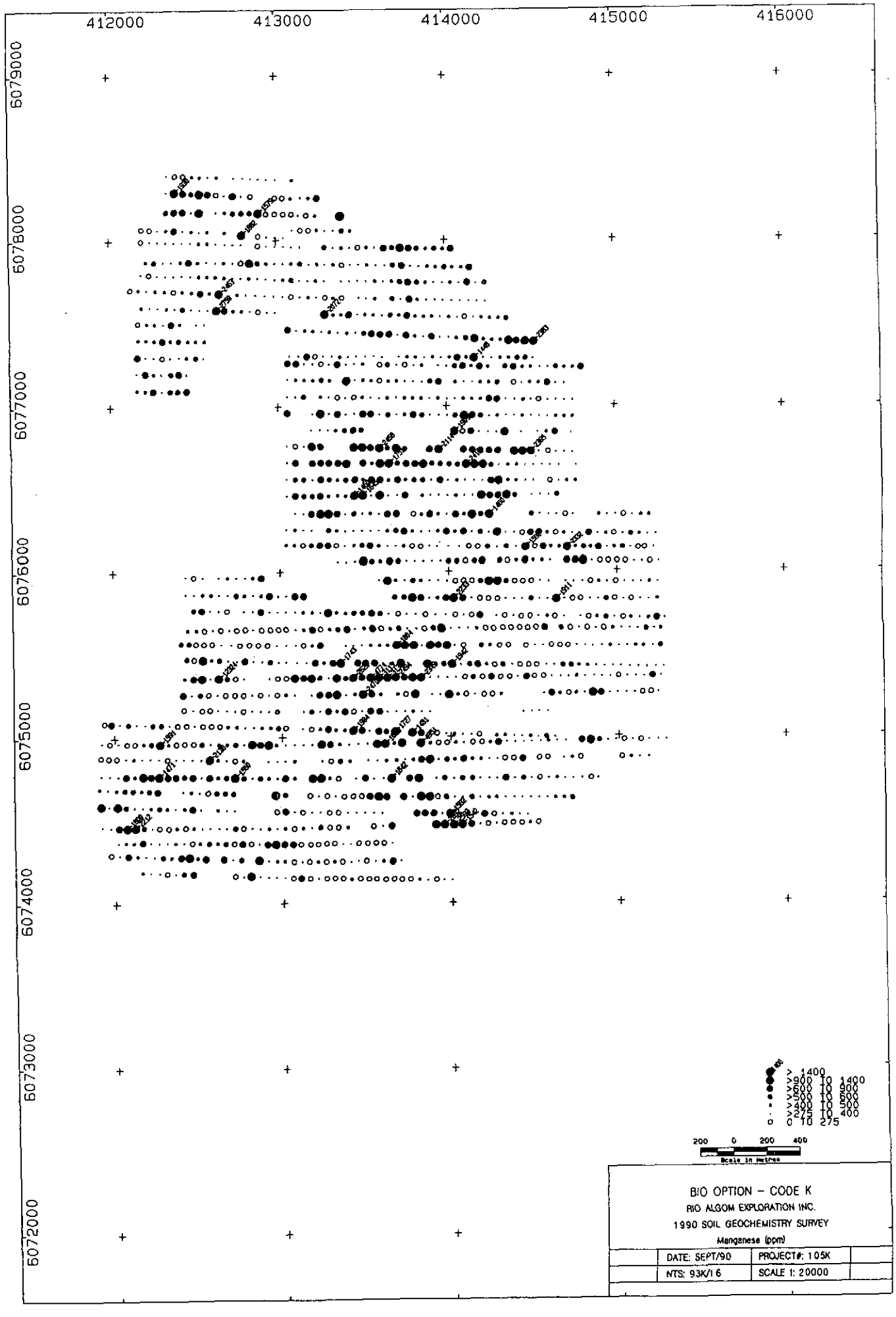

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 1.6
>1.4 TO 1.6
>1.2 TO 1.4
>1 TO 1.2
>.8 TO 1
>.4 TO .8
0 TO .4
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Cadmium (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

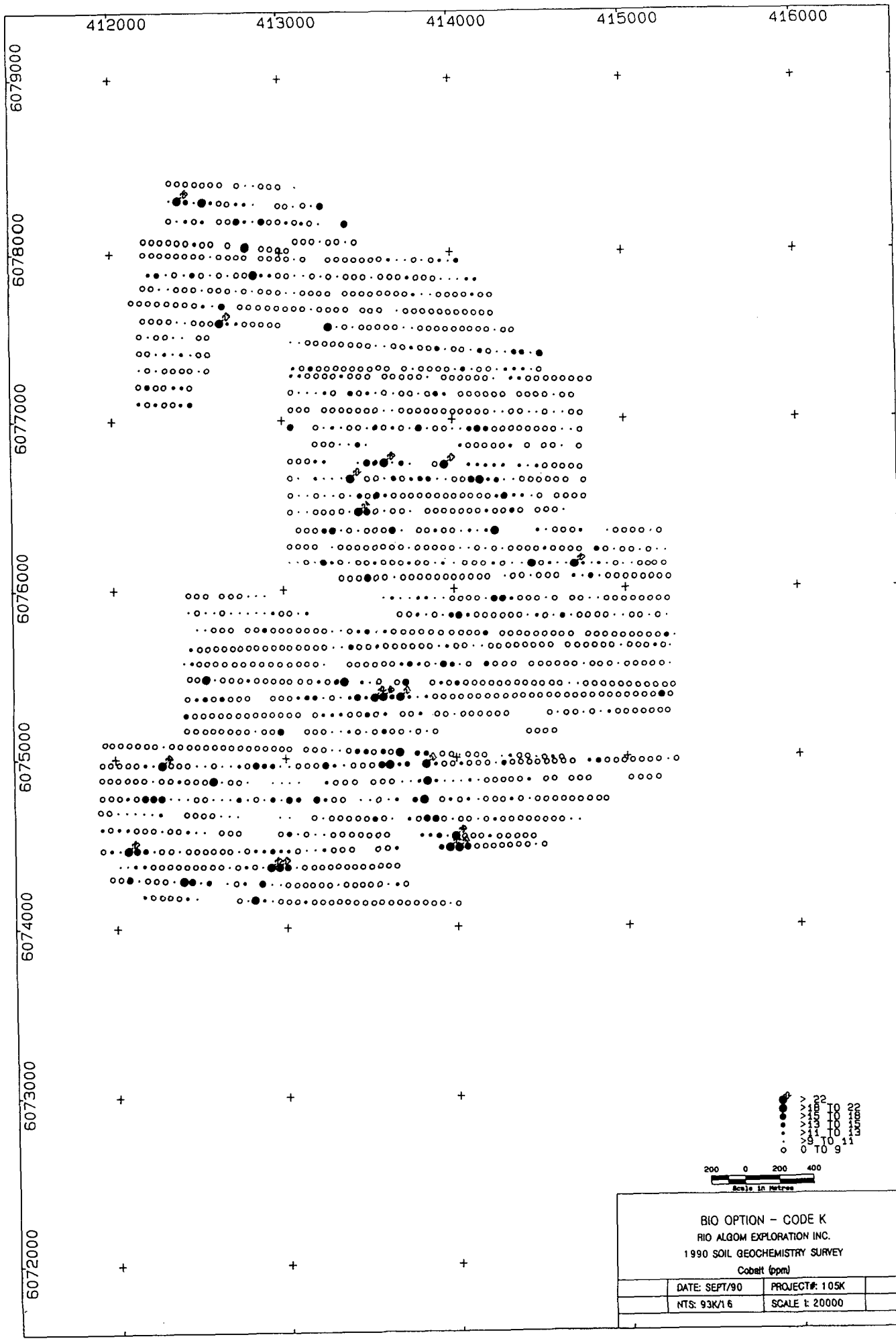

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 250
>170 TO 250
>130 TO 170
>120 TO 130
>95 TO 120
>75 TO 95
0 TO 75
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Zinc (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

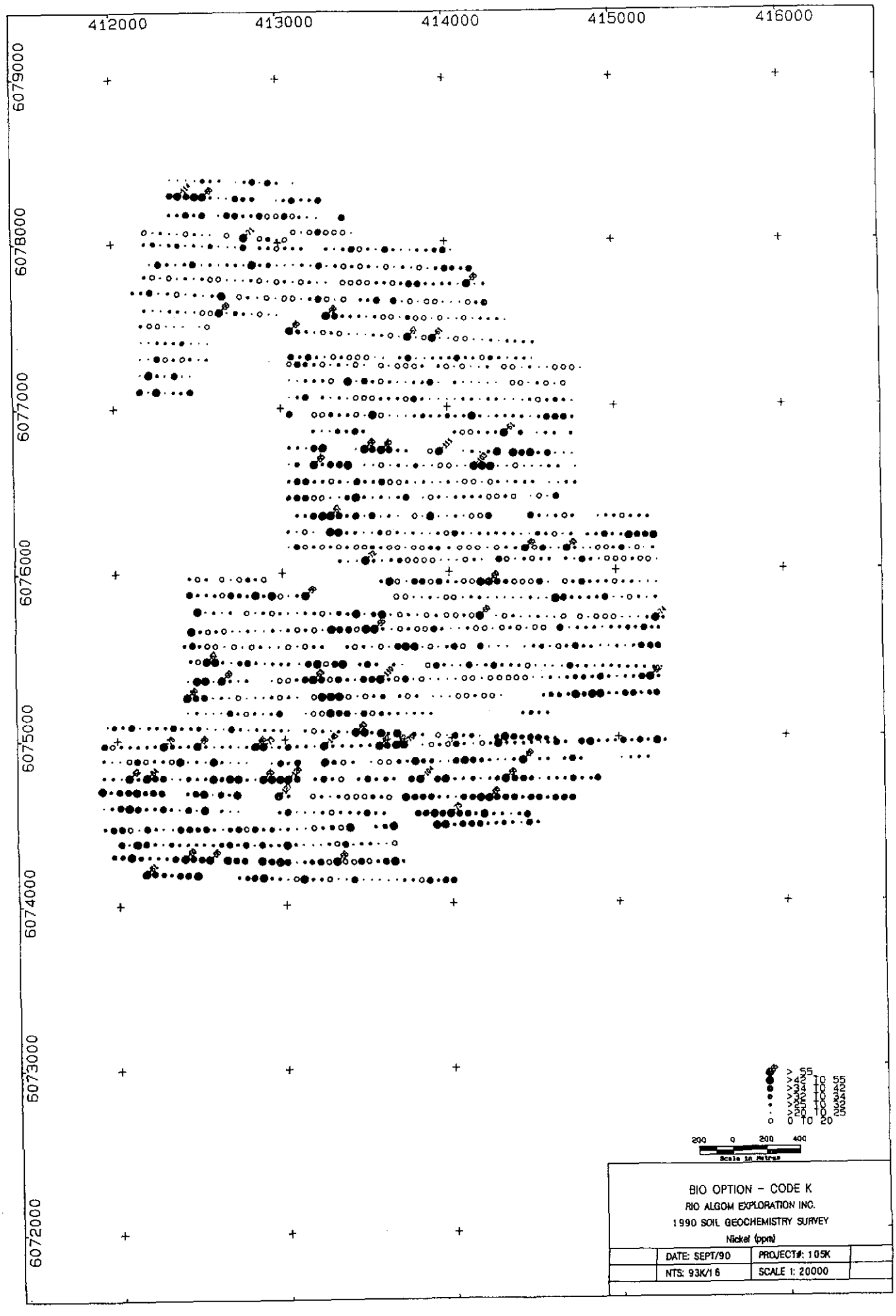

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 9
>8 TO 9
>7 TO 8
>6 TO 7
>4 TO 6
>2 TO 4
0 TO 2
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Molybdenum (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

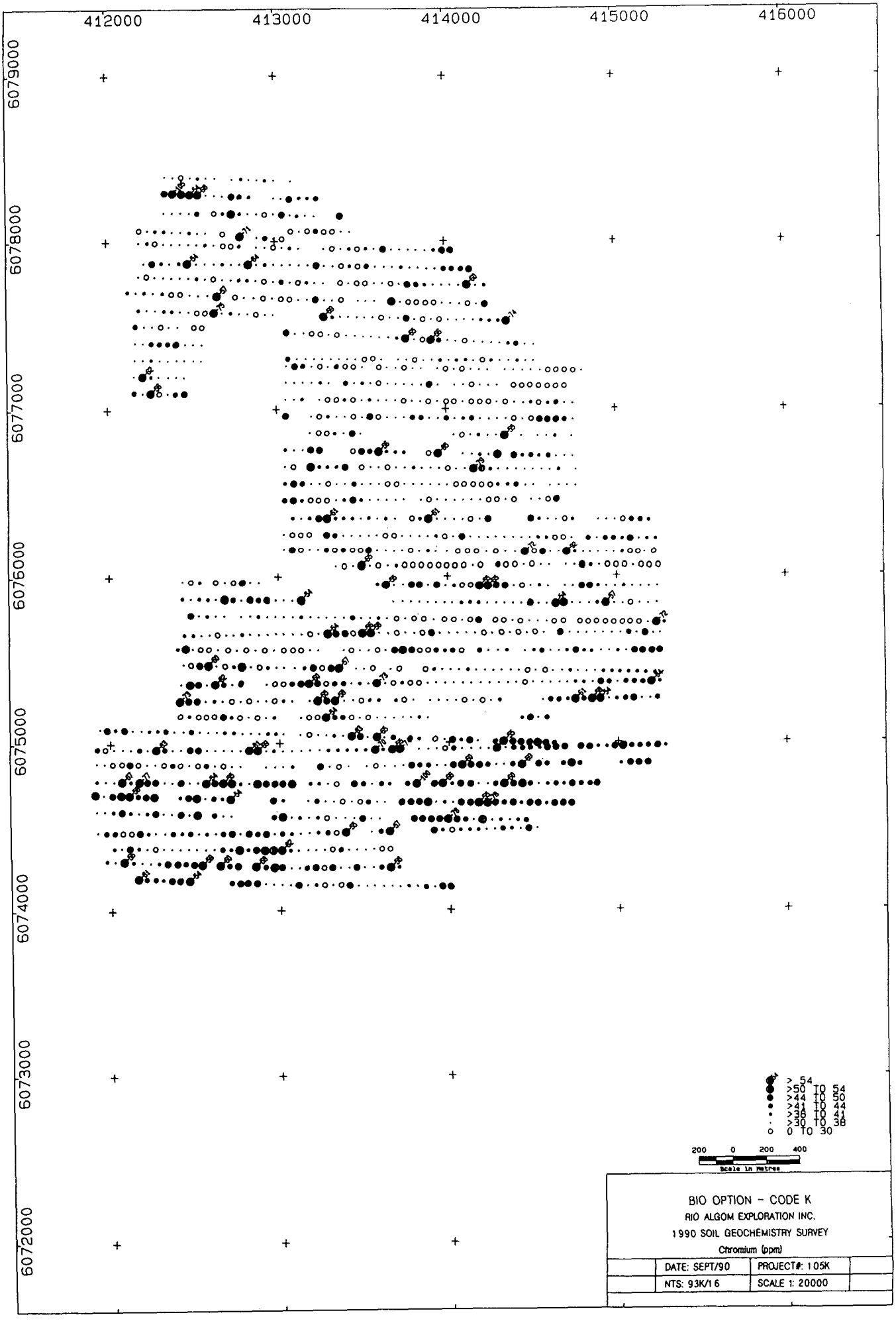

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
>9
>8 TO 9
>7 TO 8
>6 TO 7
>4 TO 6
>2 TO 4
0 TO 2
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Tungsten (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

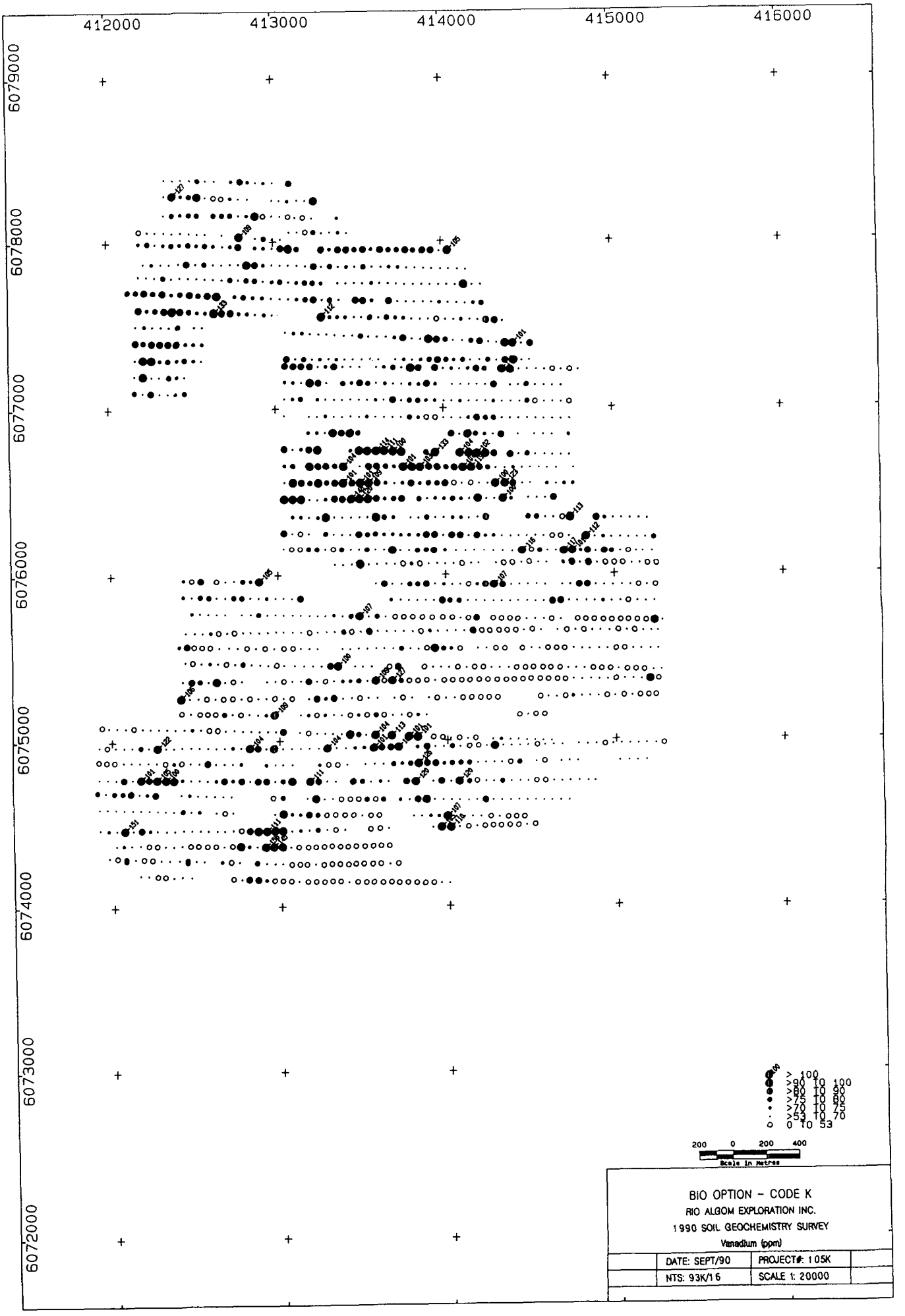

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Iron (%)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

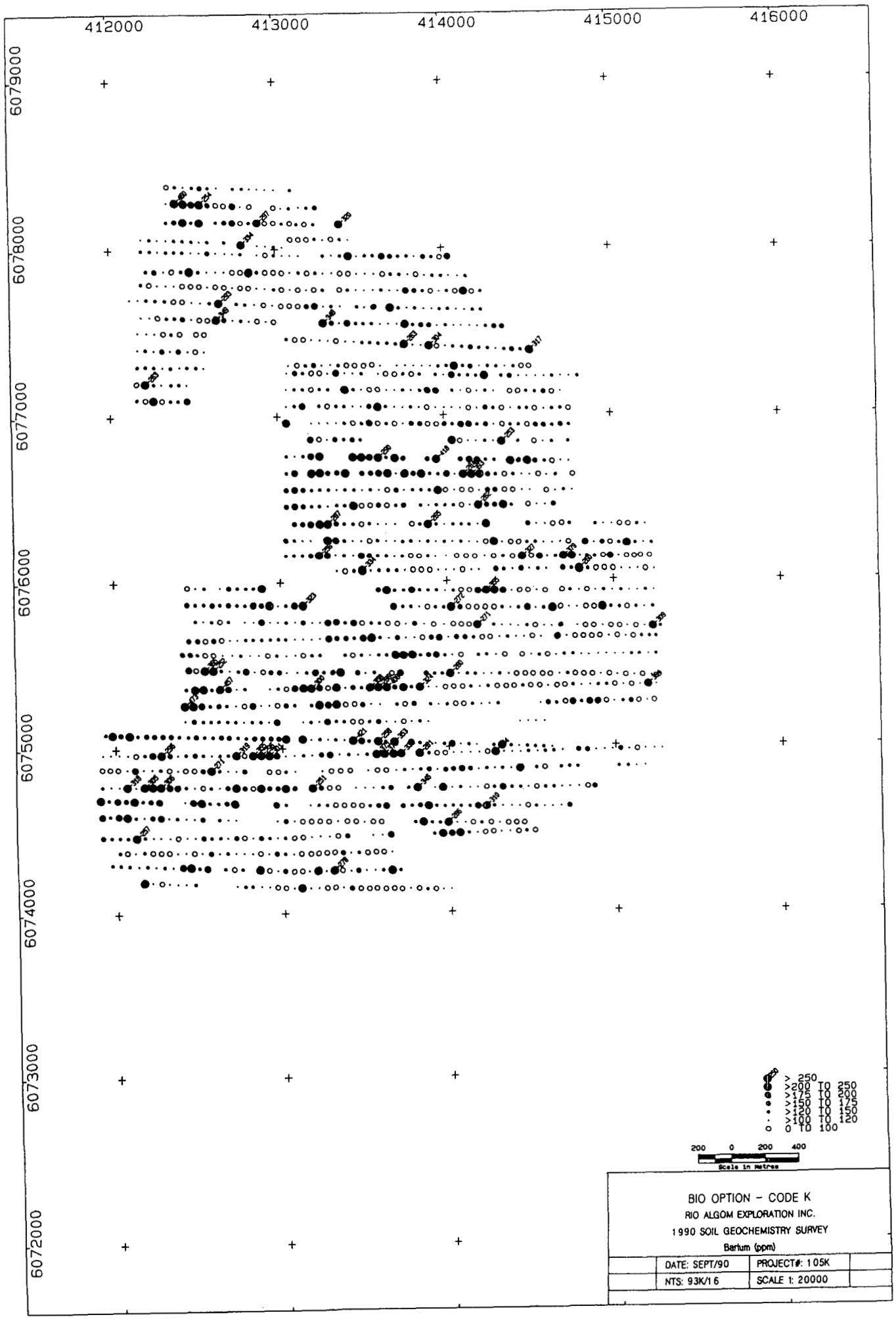

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 1400
>900 to 1400
>600 to 900
>500 to 600
>400 to 500
>275 to 400
0 to 275
200 0 200 400
Scale in Metres
BIO OPTION – CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Manganese (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

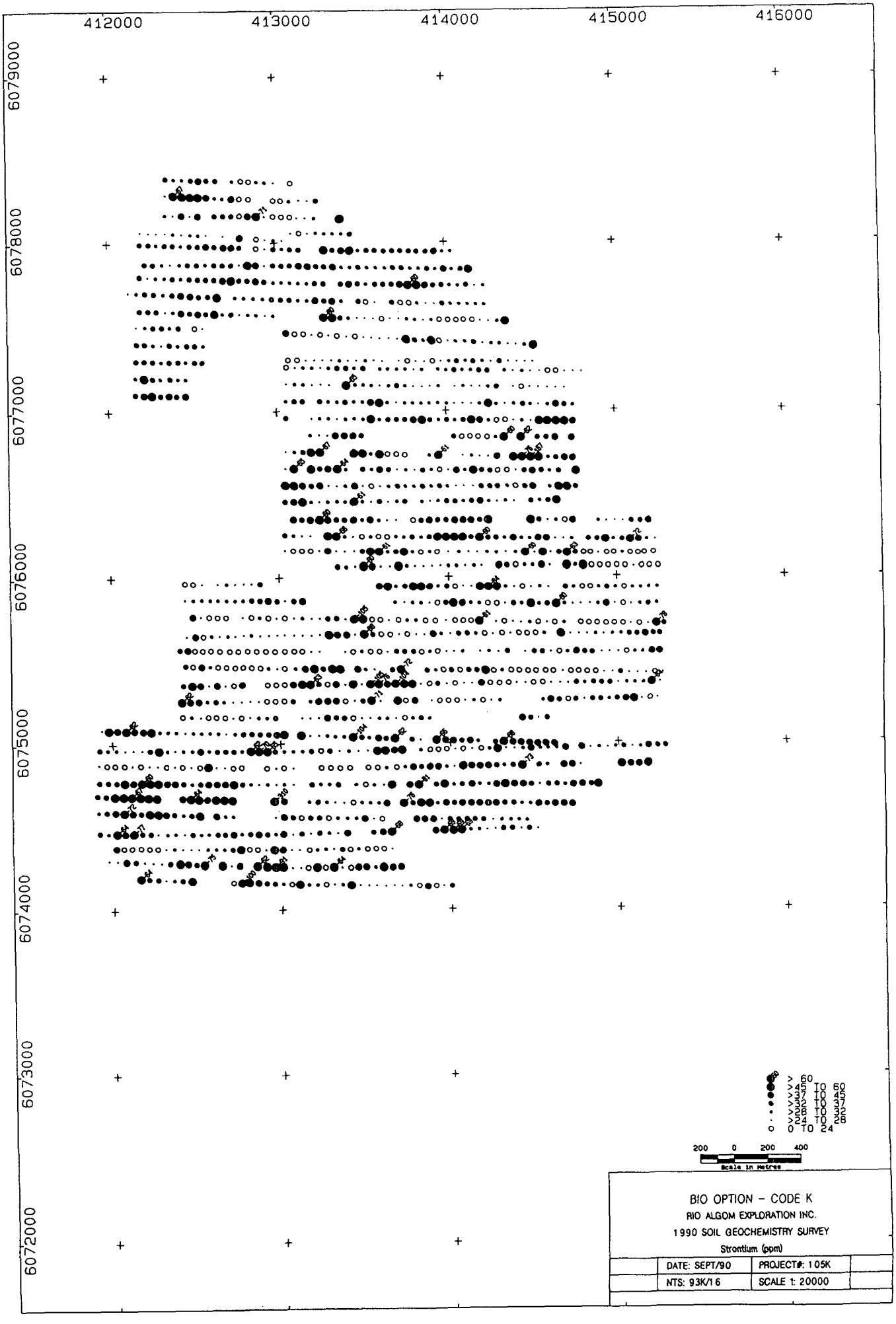

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 22
>18 TO 22
>15 TO 18
>13 TO 15
>11 TO 13
>9 TO 11
0 TO 9
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Cobalt (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

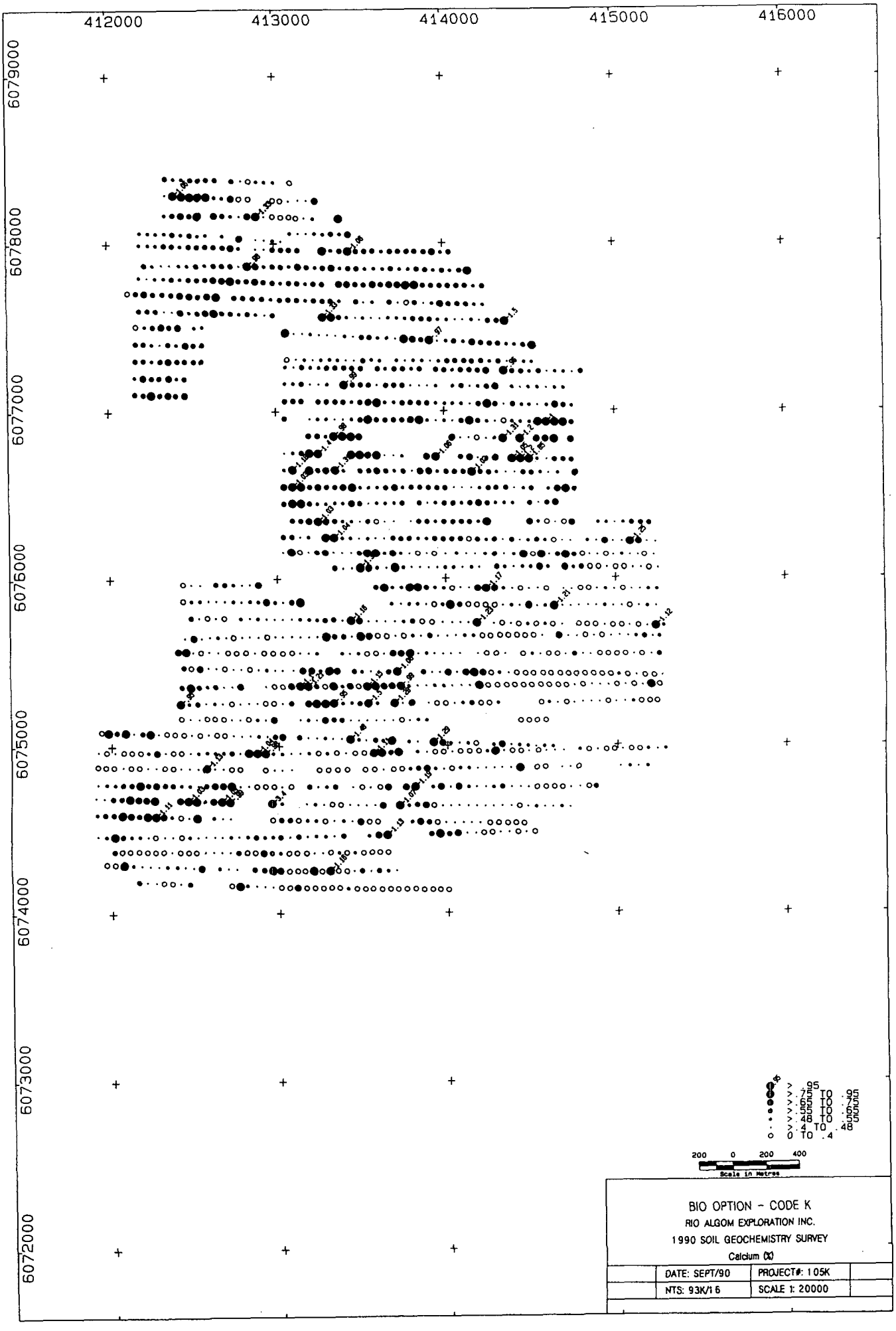

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 55
44 TO 55
34 TO 44
24 TO 34
20 TO 24
0 TO 20
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Nickel (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

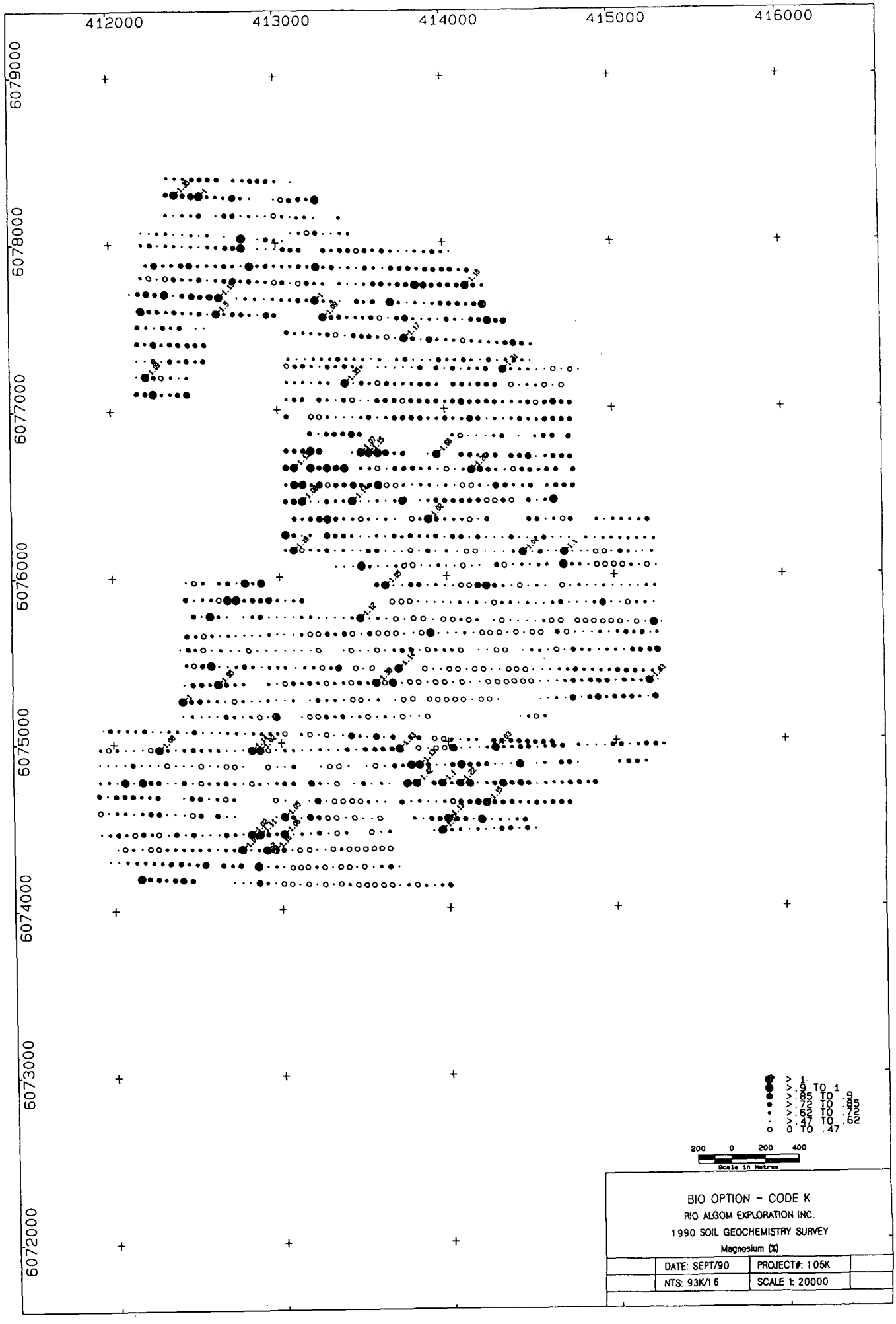

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 54
>50 TO 54
>44 TO 50
>41 TO 44
>38 TO 41
>30 TO 38
0 TO 30
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Chromium (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

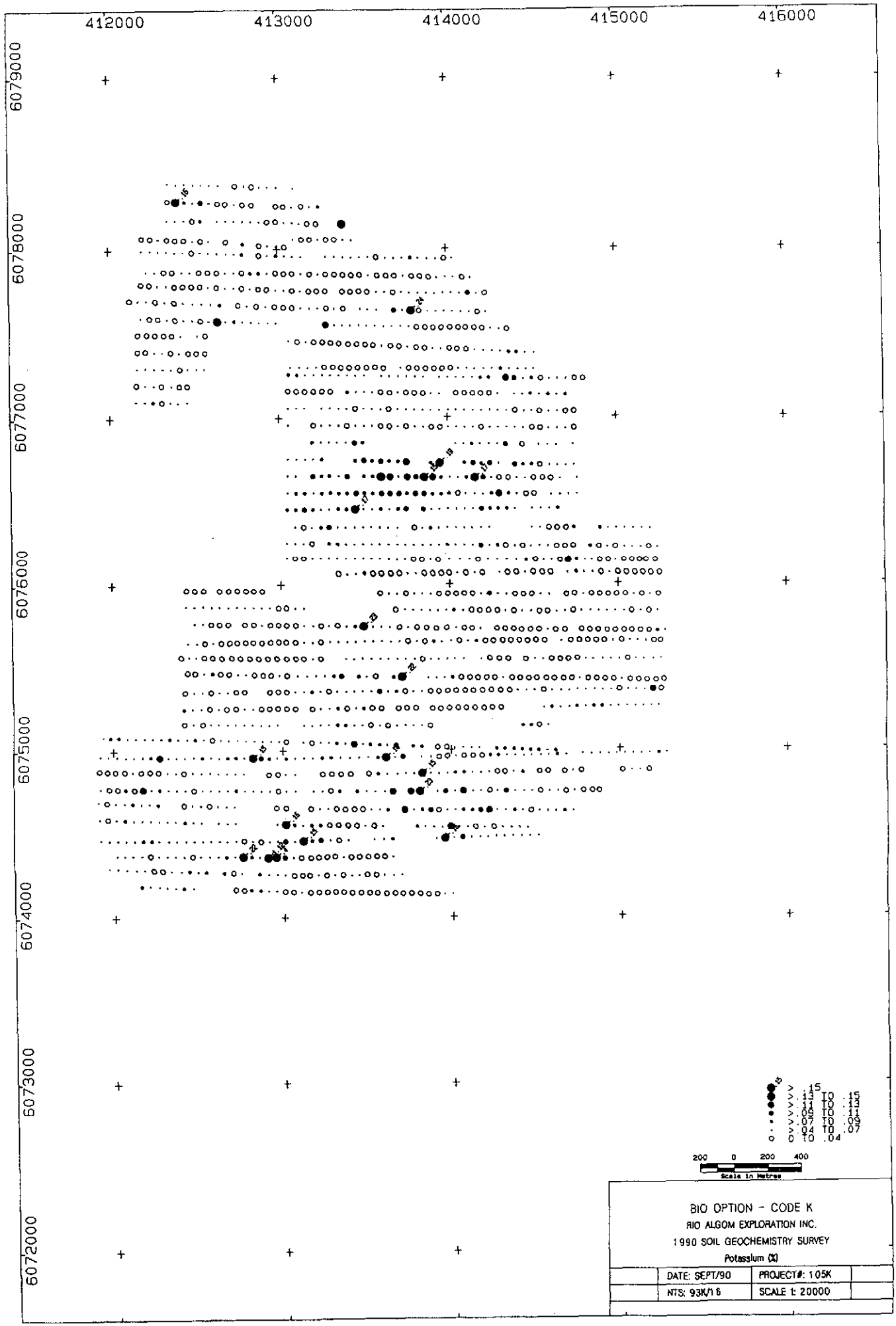

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 100
>90 TO 100
>80 TO 90
>75 TO 80
>70 TO 75
>53 TO 70
0 TO 53
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Vanadium (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

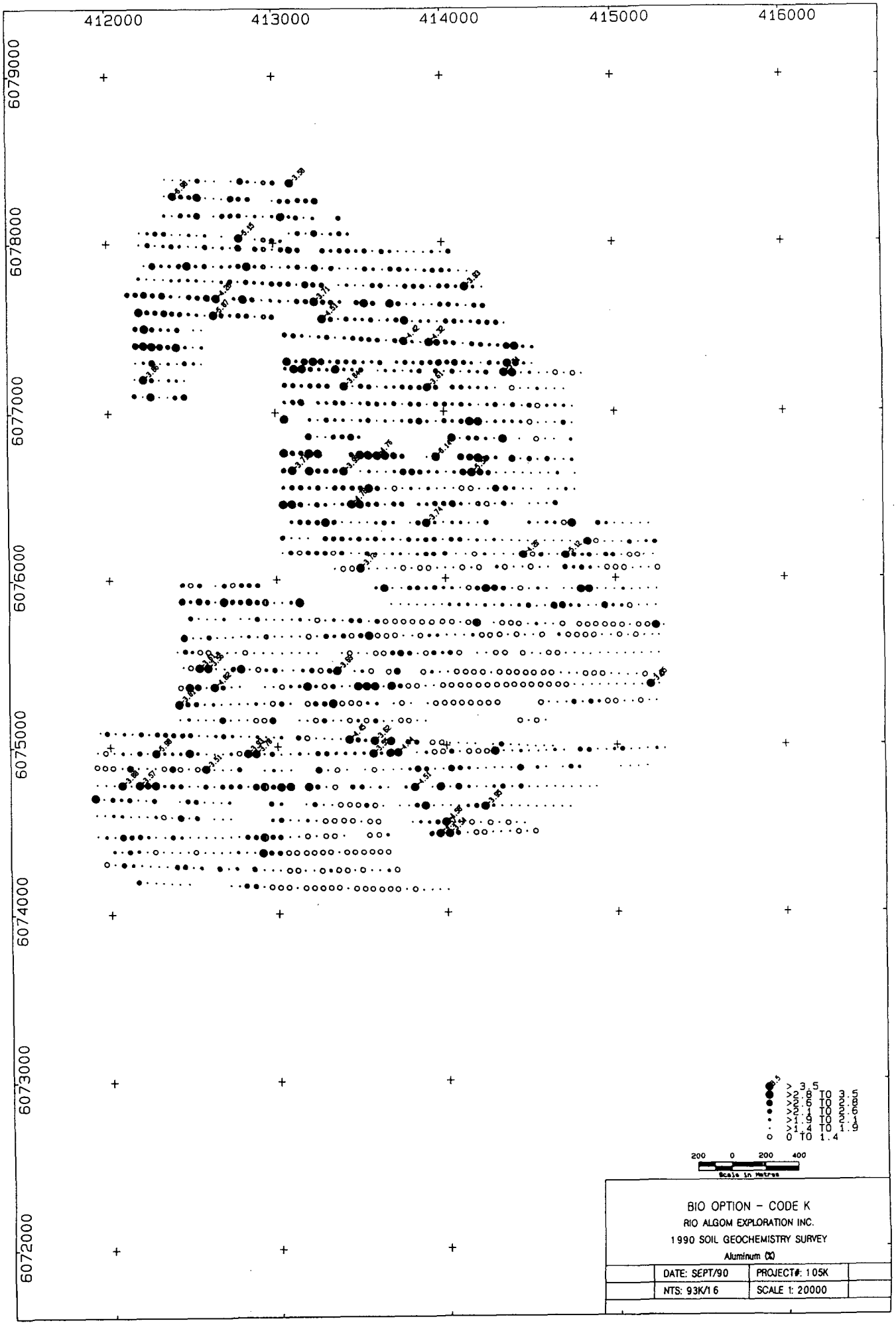

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 250
>200 TO 250
>175 TO 200
>150 TO 175
>120 TO 150
>100 TO 120
0 TO 100
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Barium (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

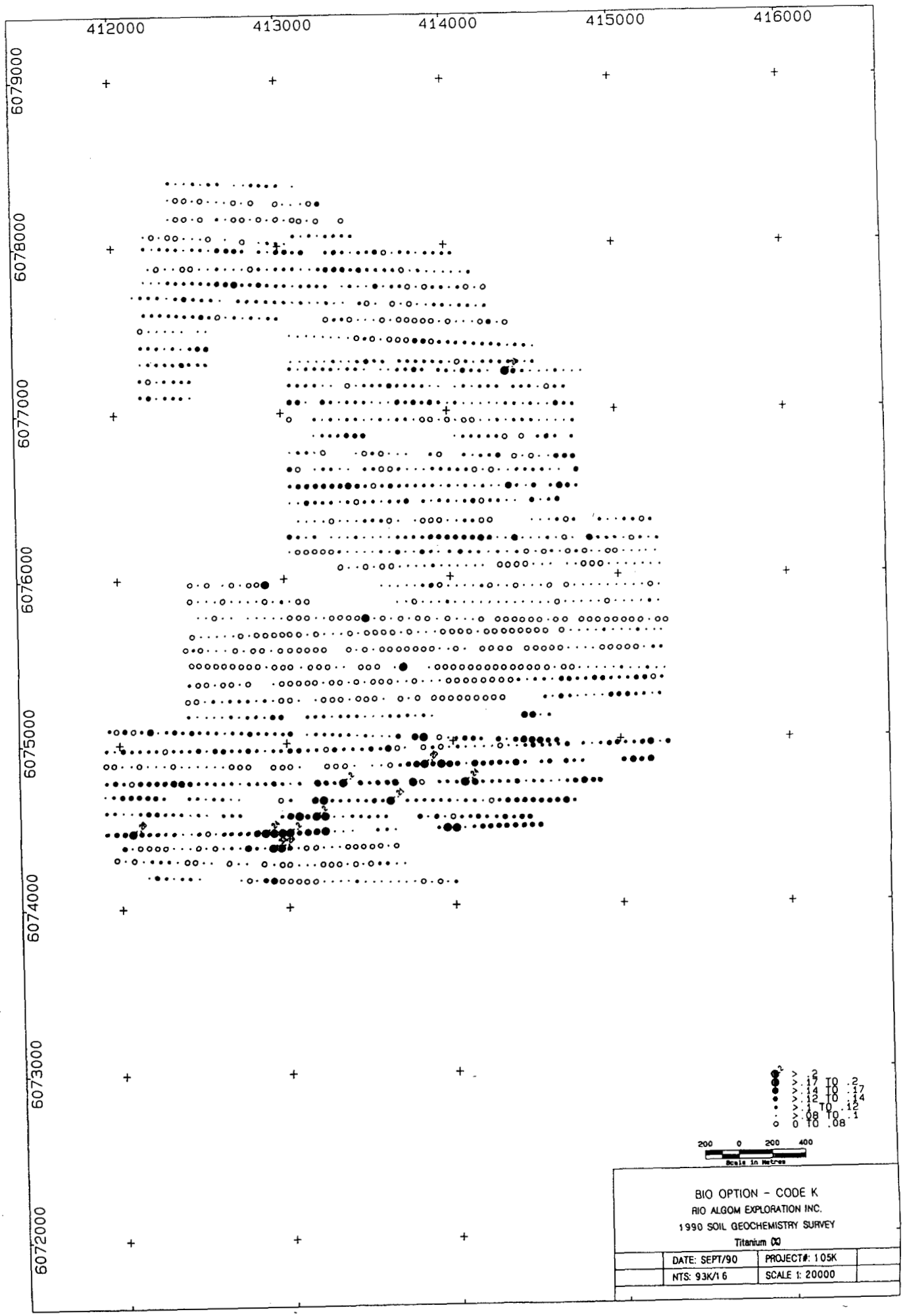

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 60
>45 TO 60
>30 TO 45
>20 TO 30
>16 TO 20
>12 TO 16
>8 TO 12
>4 TO 8
0 TO 4
200 0 200 400
Scale in metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Strontium (ppm)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

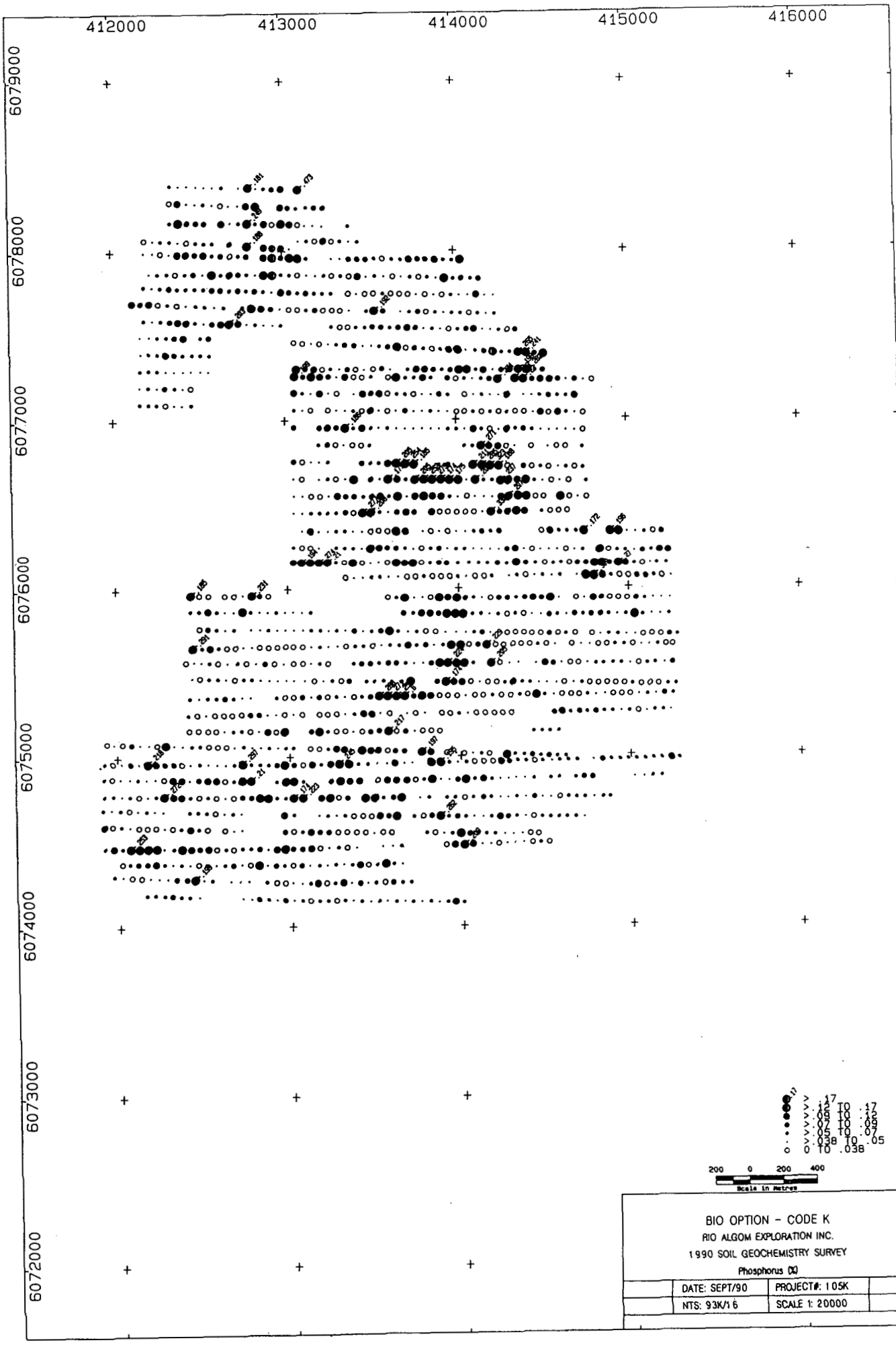

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> .95
> .7 TO .95
> .6 TO .7
> .5 TO .6
> .4 TO .5
> .3 TO .4
0 TO .3
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Calcium (%)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000

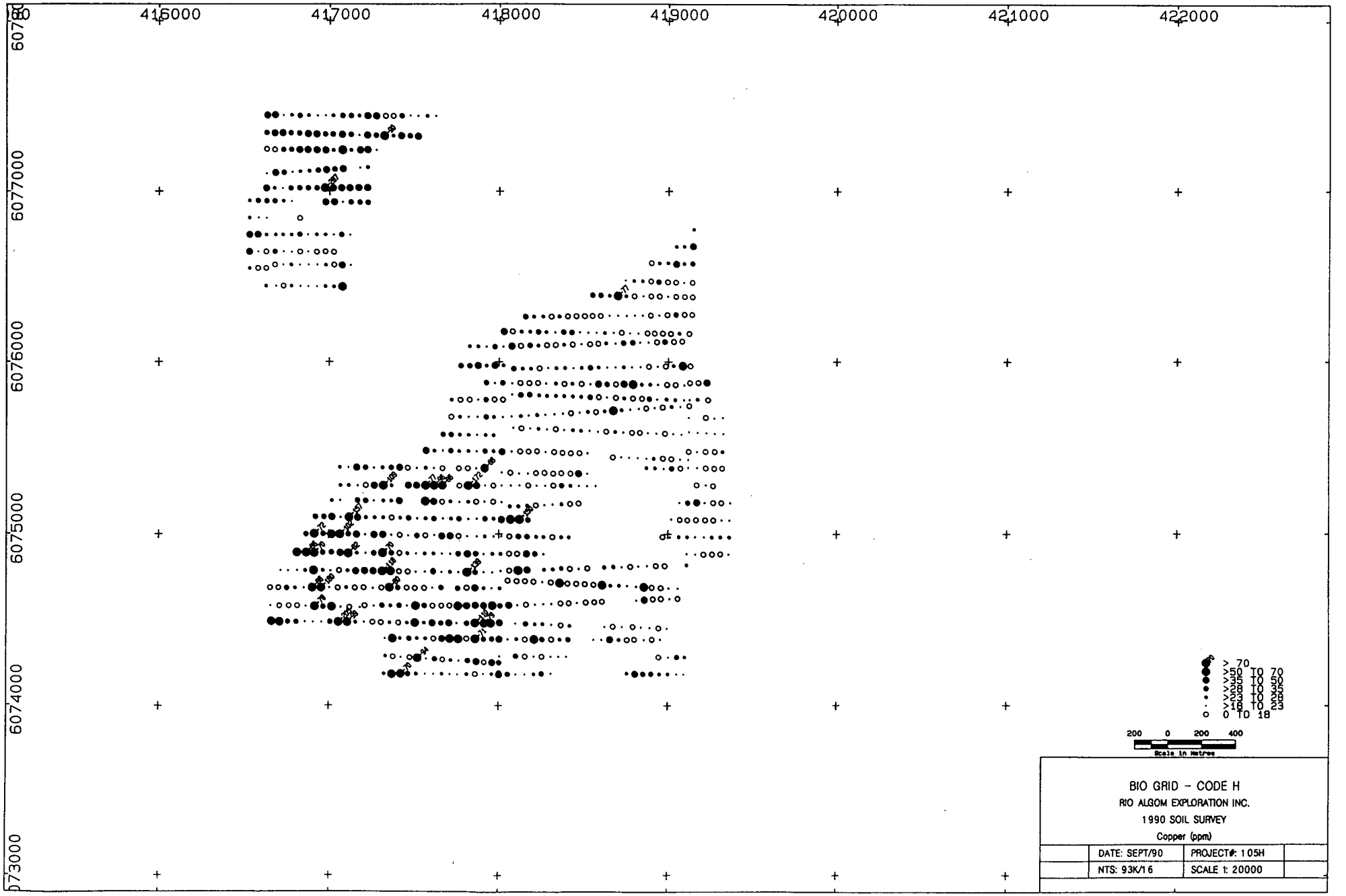

412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 1
.9 TO 1
.85 TO .9
.72 TO .85
.62 TO .72
.47 TO .62
0 TO .47
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Magnesium (%)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000


412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> .15
.13 TO .15
.11 TO .13
.09 TO .11
.07 TO .09
.04 TO .07
0 TO .04
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Potassium (%)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000


412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> 3.5
2.8 TO 3.5
2.6 TO 2.8
2.1 TO 2.6
1.9 TO 2.1
1.4 TO 1.9
0 TO 1.4
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Aluminum (%)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000


412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> .2
.17 TO .2
.14 TO .17
.12 TO .14
.1 TO .12
.08 TO .1
0 TO .08
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Titanium (%)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000


412000
413000
414000
415000
416000
6079000
6078000
6077000
6076000
6075000
6074000
6073000
6072000
> .17
.12 TO .17
.09 TO .12
.07 TO .09
.05 TO .07
.038 TO .05
0 TO .038
200 0 200 400
Scale in Metres
BIO OPTION - CODE K
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Phosphorus (X)
DATE: SEPT/90
PROJECT#: 105K
NTS: 93K/16
SCALE 1: 20000



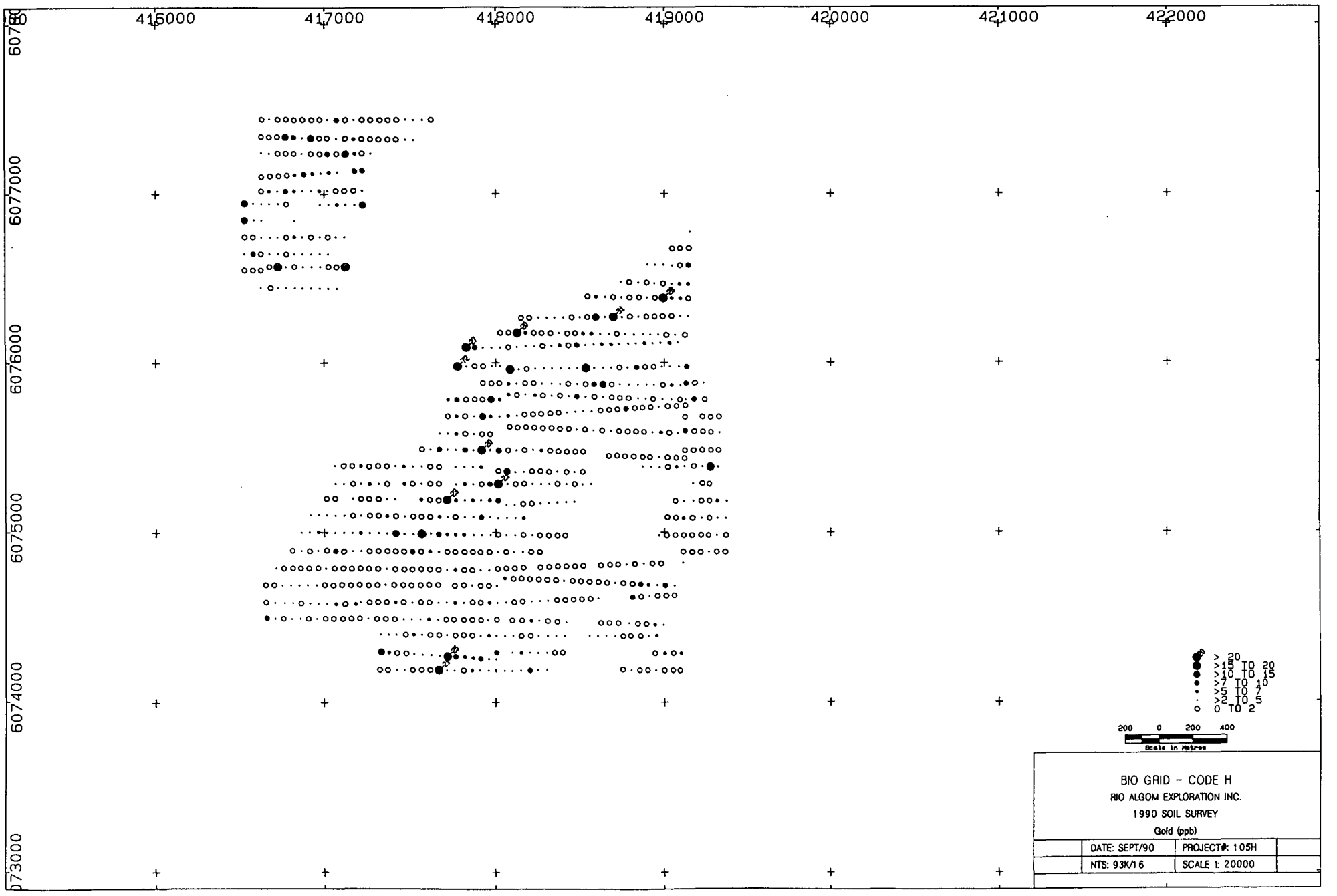
BIO GRID - CODE H

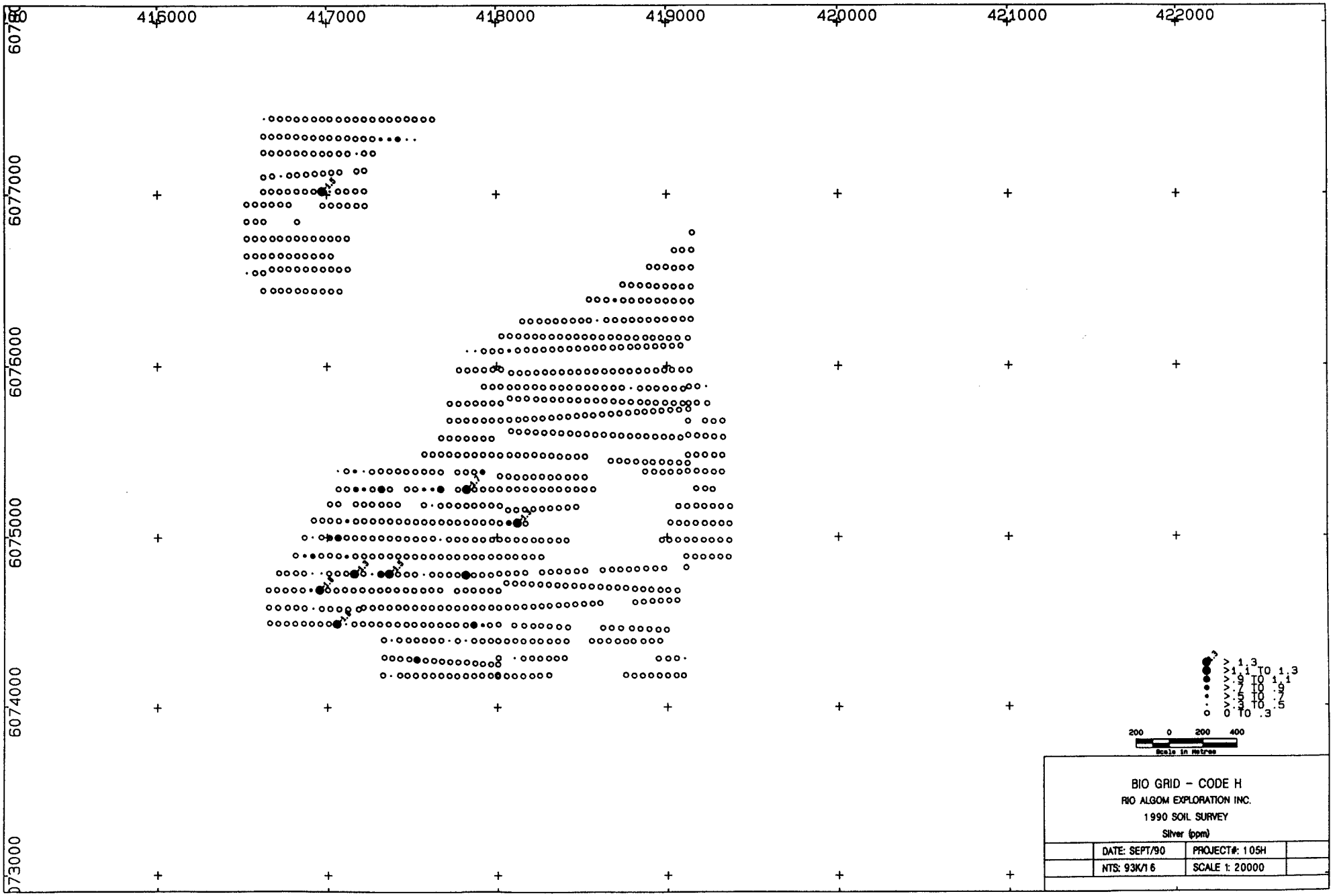
RIO ALGOM EXPLORATION INC.

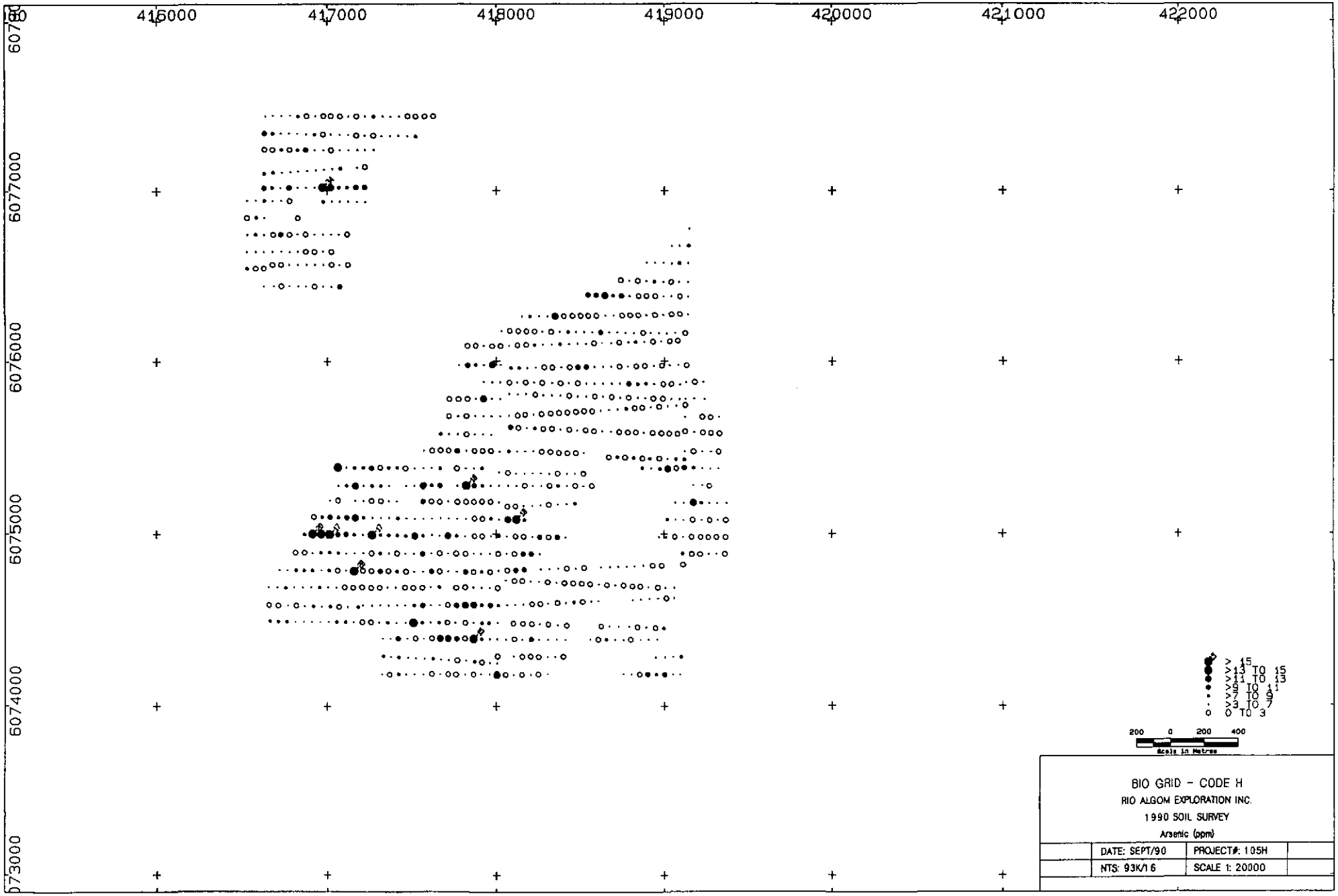
1990 SOIL SURVEY

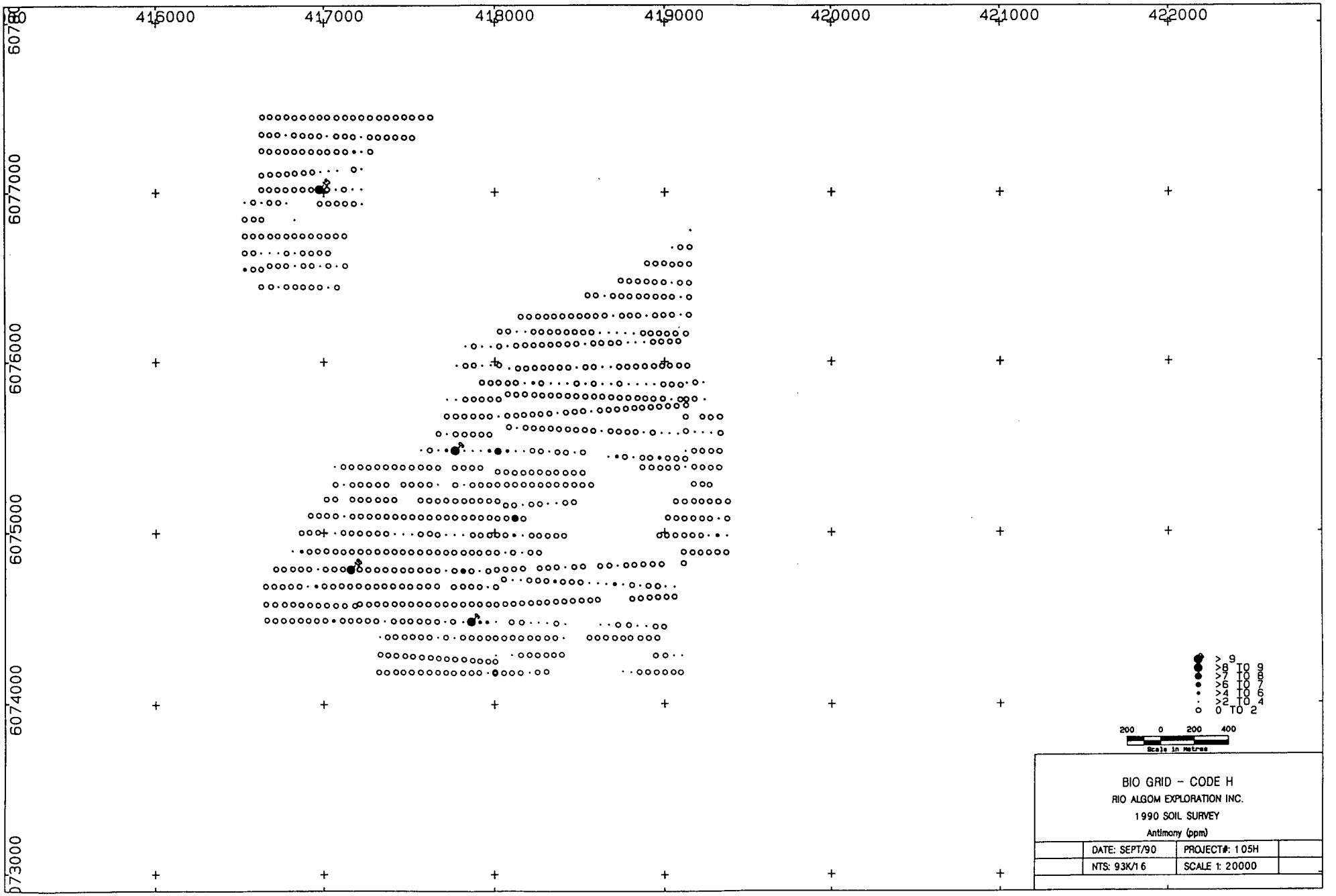
Copper (ppm)

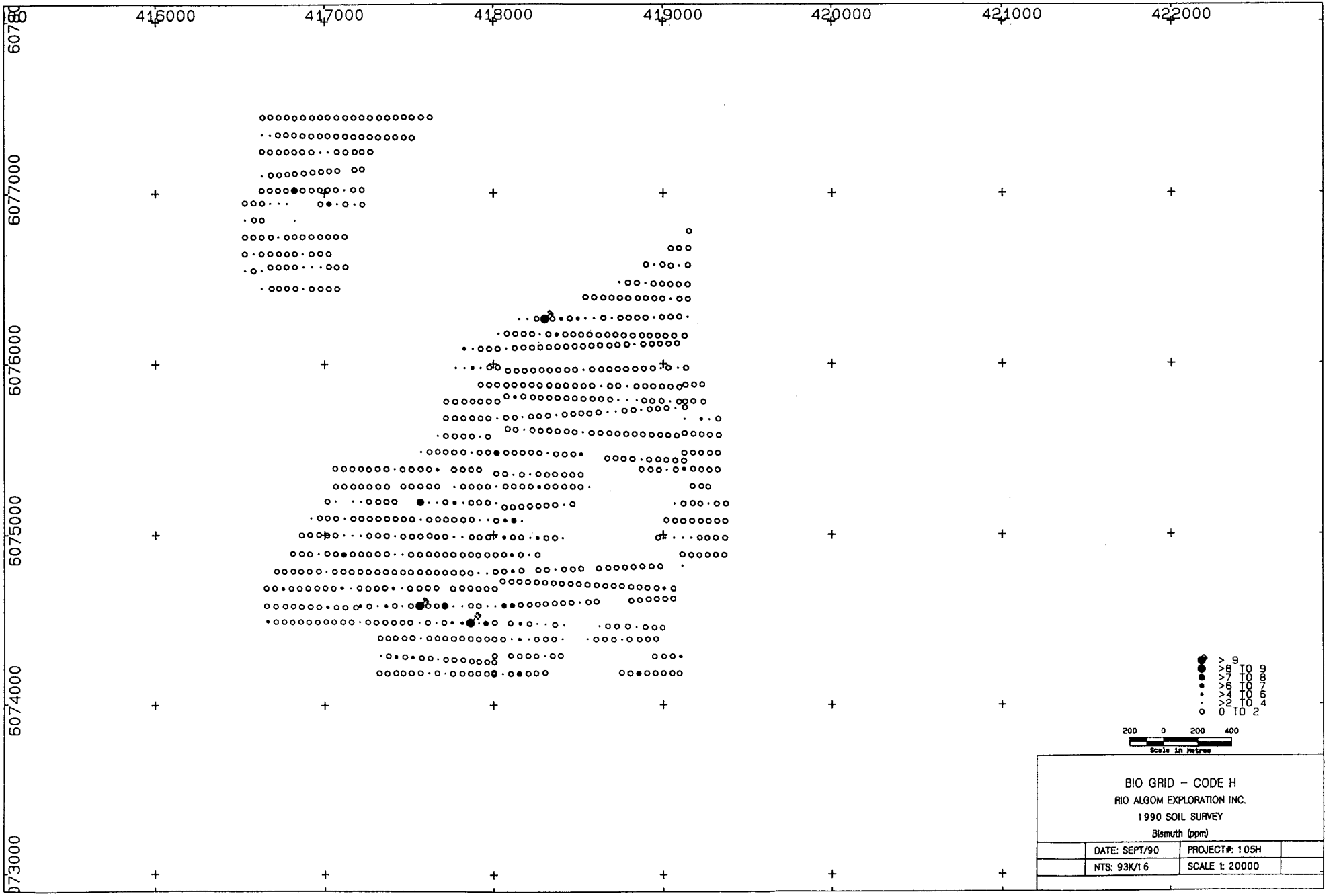
	DATE: SEPT/90	PROJECT#: 105H
	NTS: 93K/16	SCALE 1: 20000

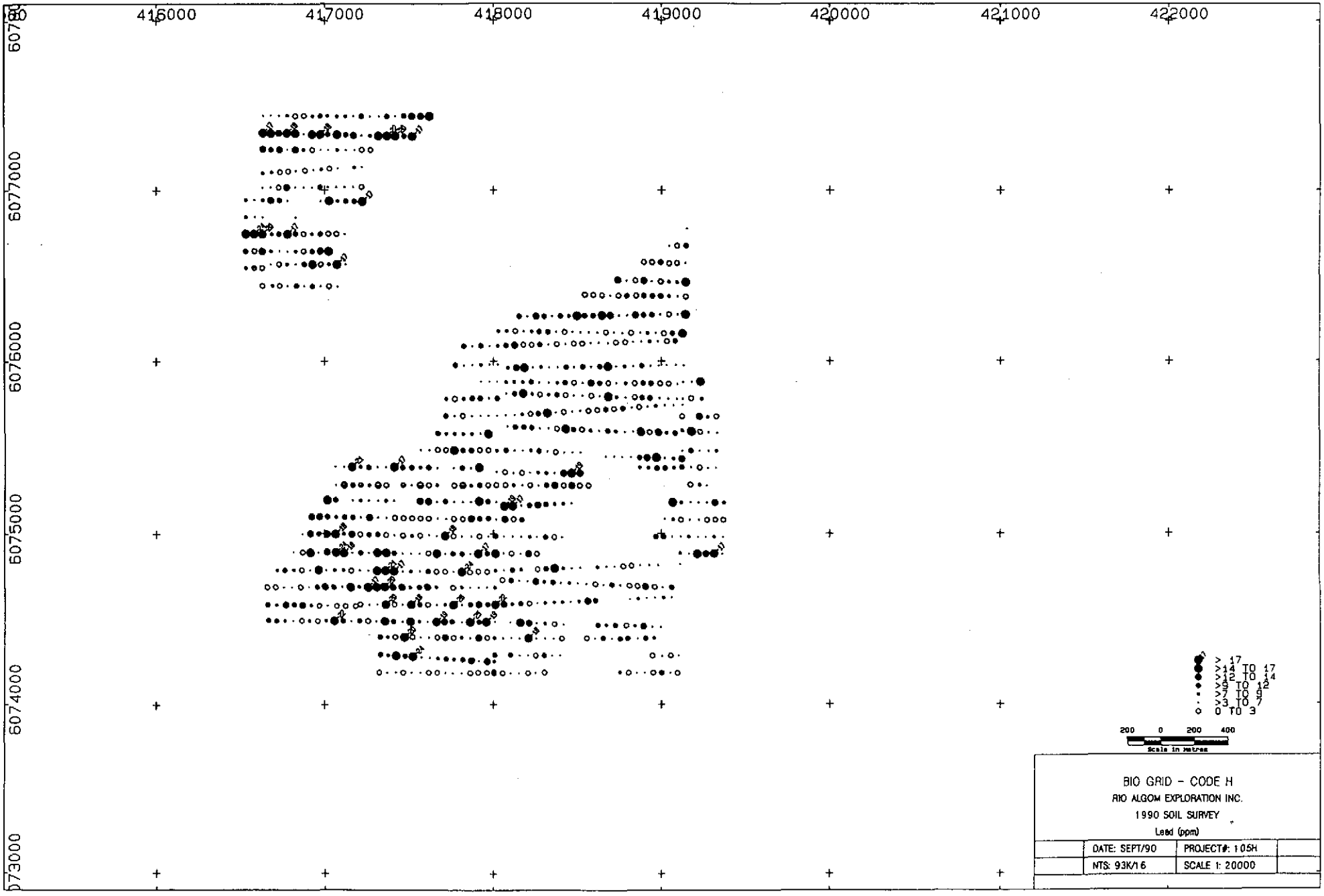

416000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
> 20
>15 TO 20
>10 TO 15
>7 TO 10
>5 TO 7
>2 TO 5
0 TO 2
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Gold (ppb)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

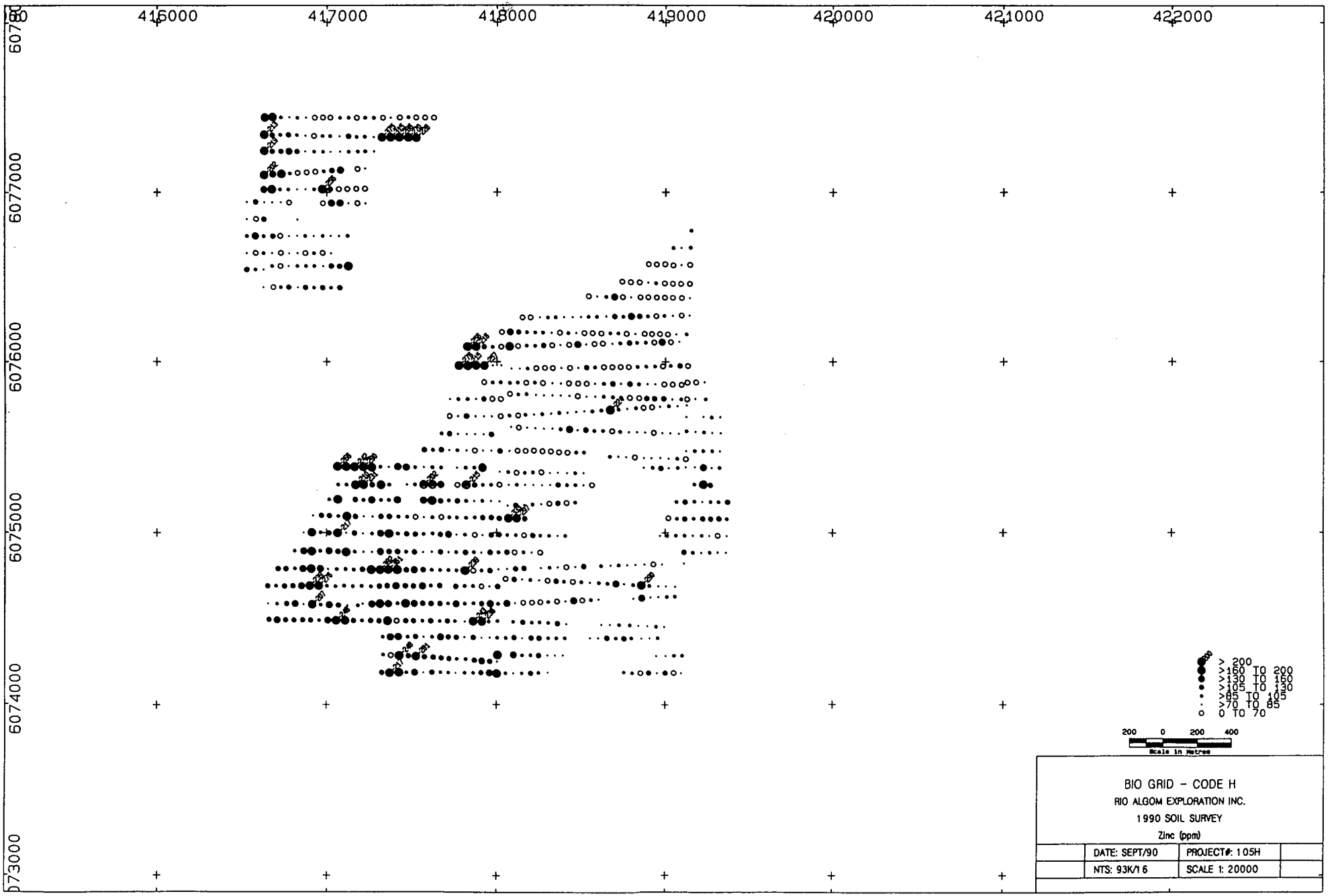

416000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
>1.3
1.1 TO 1.3
.9 TO 1.1
.7 TO .9
.5 TO .7
.3 TO .5
0 TO .3
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Silver (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

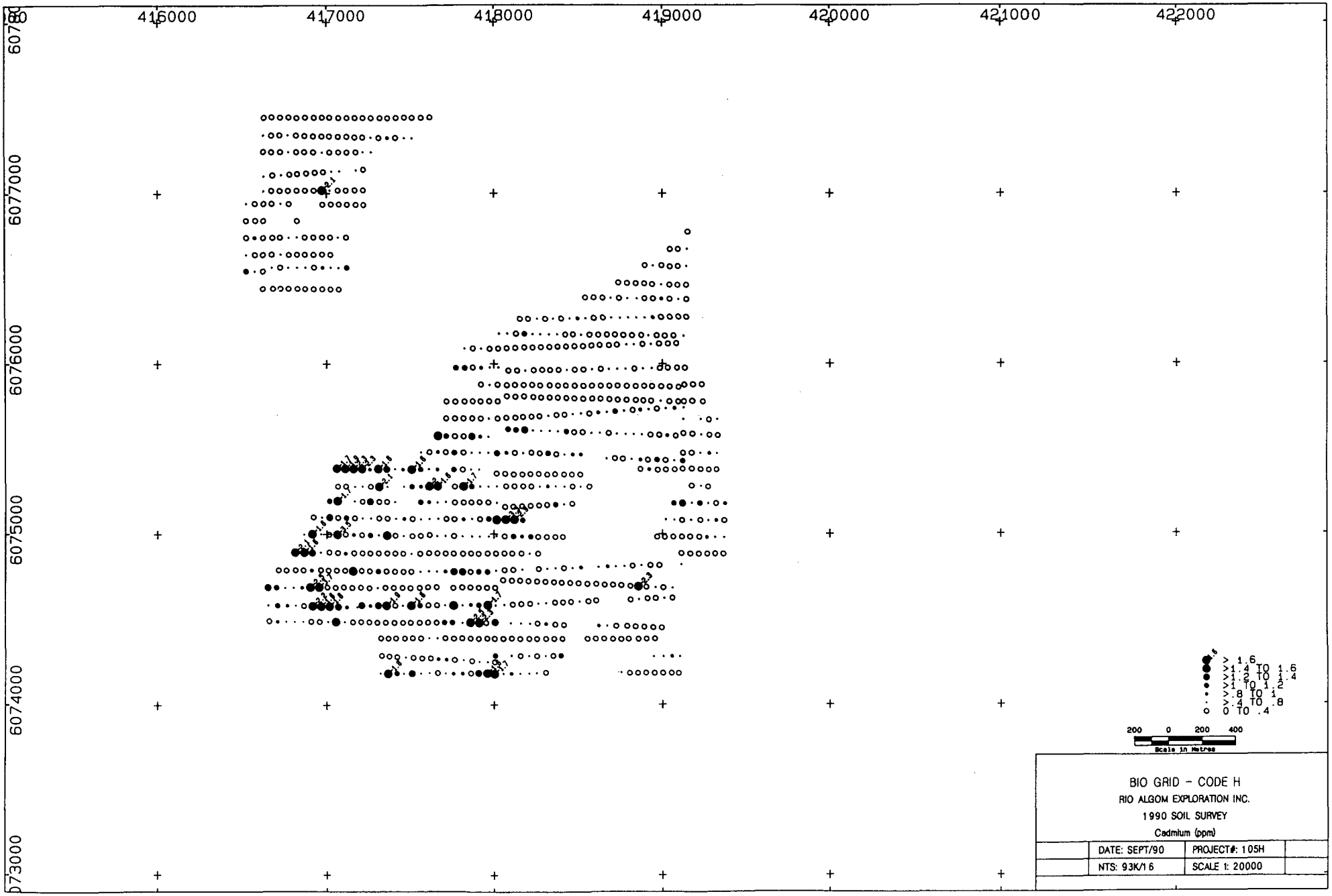

415000
416000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
V 15
V 13 TO 15
V 11 TO 13
V 9 TO 11
V 7 TO 9
V 5 TO 7
V 3 TO 5
V TO 3
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Arsenic (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

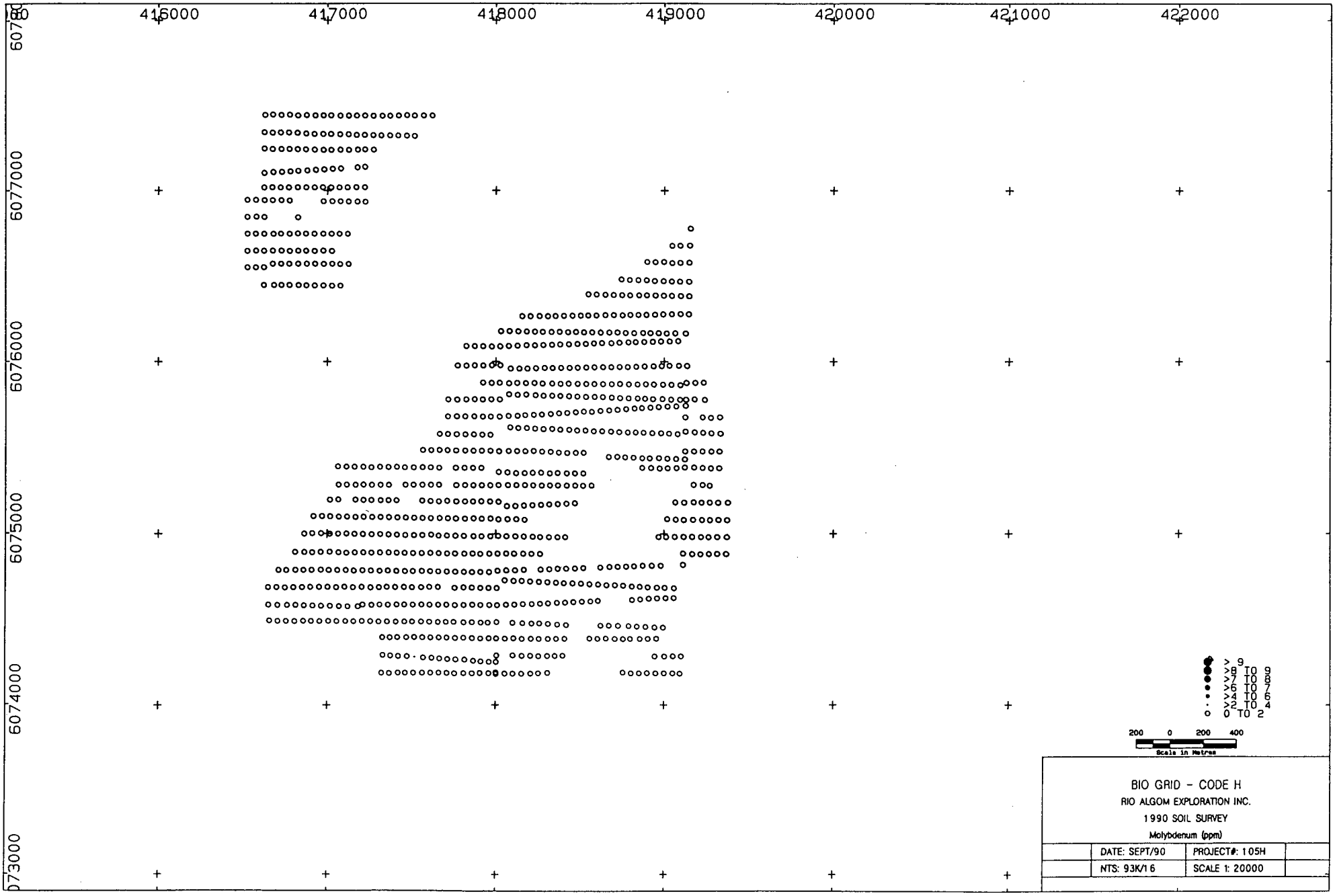

416000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
> 9
>8 TO 9
>7 TO 8
>6 TO 7
>4 TO 6
>2 TO 4
0 TO 2
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Antimony (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

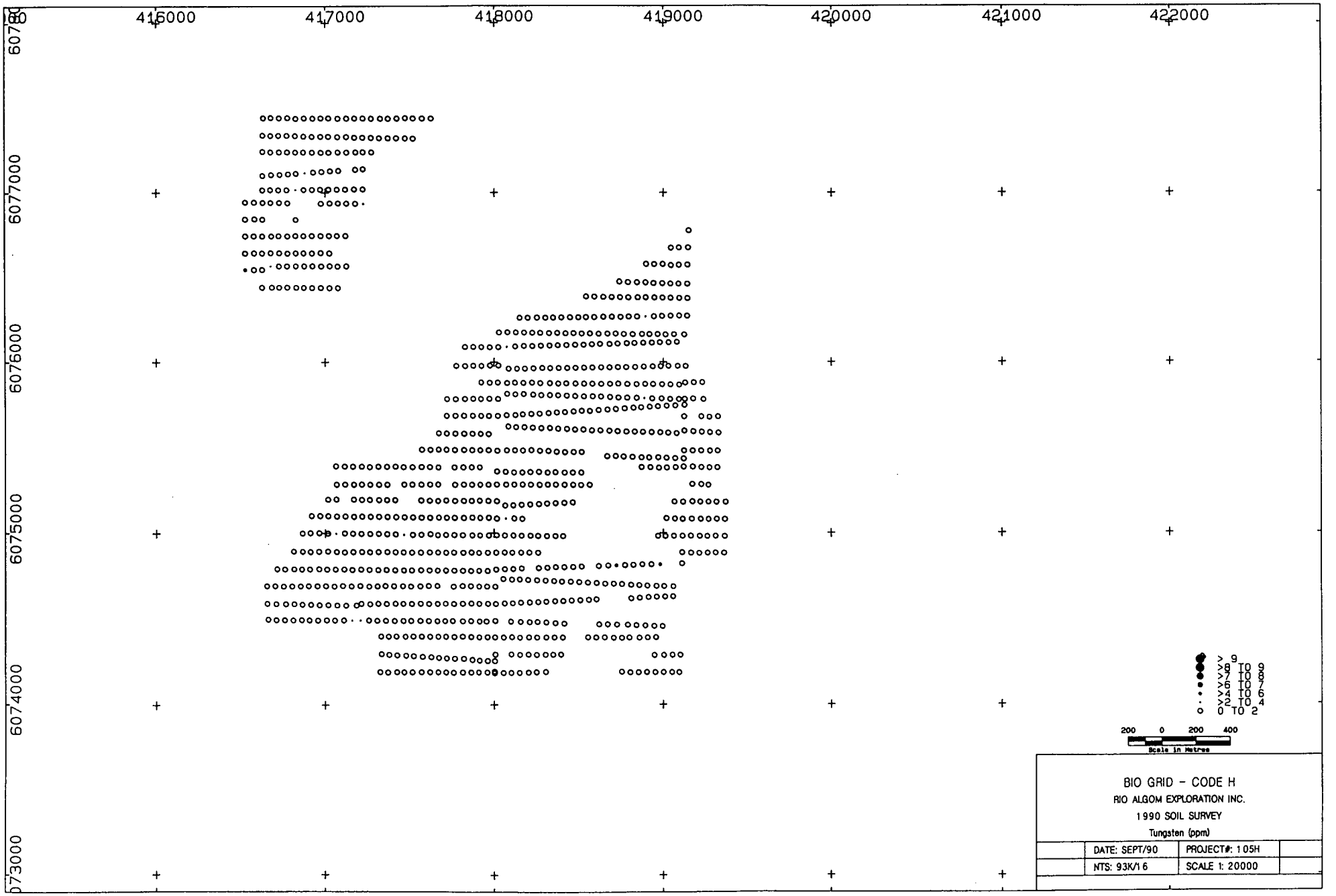

415000
416000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
> 9
>8 TO 9
>7 TO 8
>6 TO 7
>4 TO 6
>2 TO 4
0 TO 2
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Bismuth (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

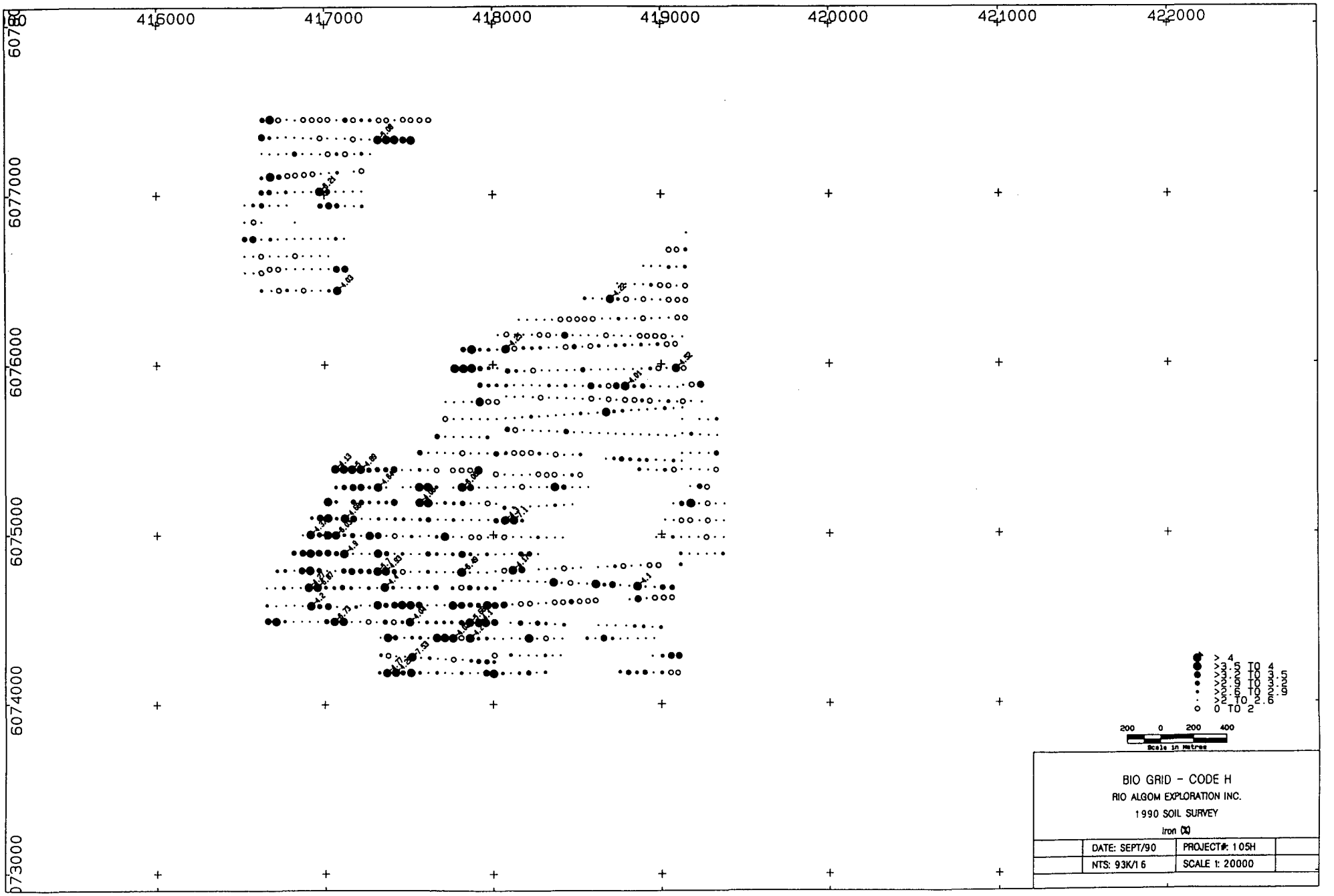

416000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
> 17
>14 TO 17
>12 TO 14
>9 TO 12
>7 TO 9
>3 TO 7
0 TO 3
200 0 200 400
Scale in metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Lead (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

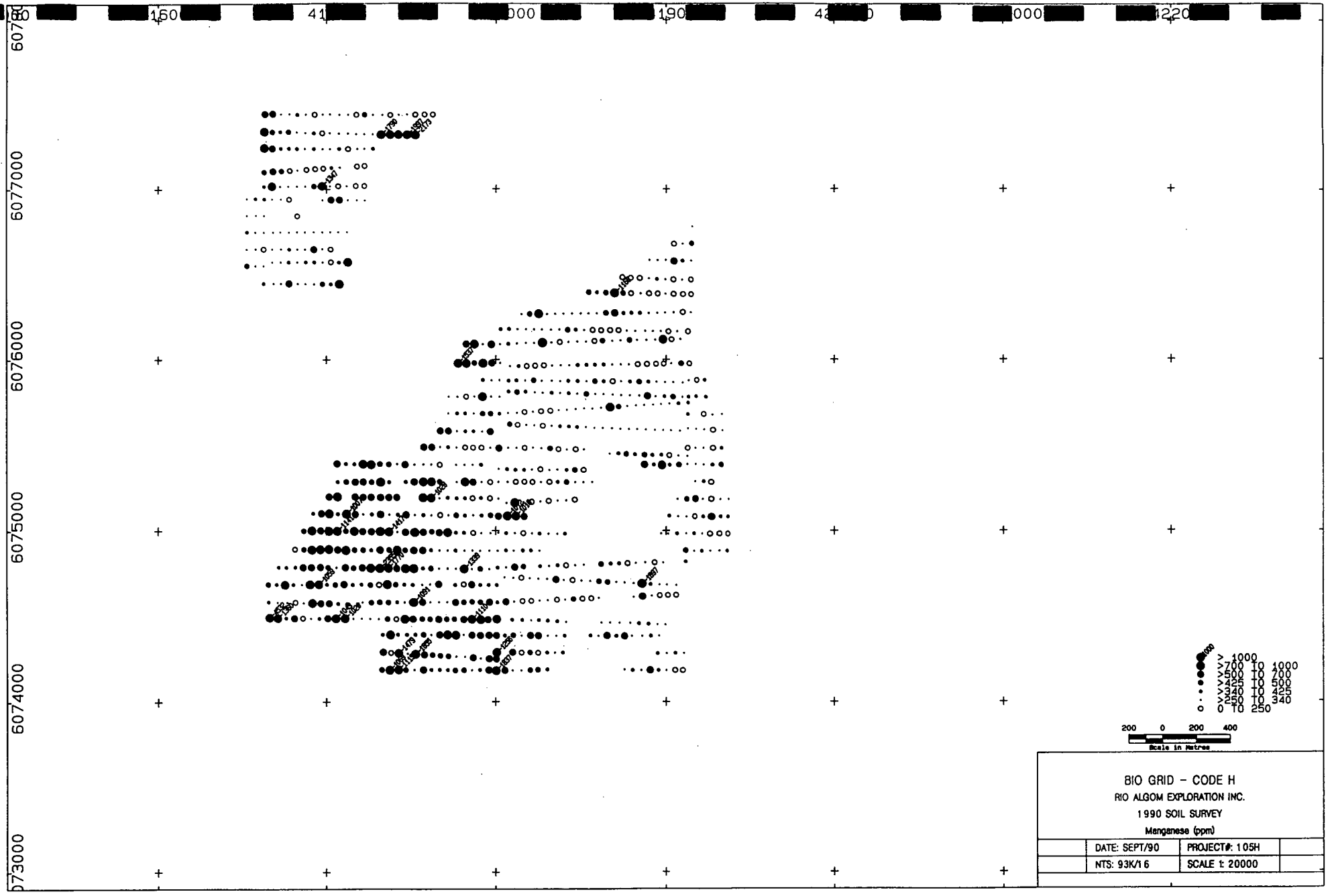

415000
417000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
> 200
>160 TO 200
>130 TO 160
>105 TO 130
>85 TO 105
>70 TO 85
0 TO 70
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Zinc (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

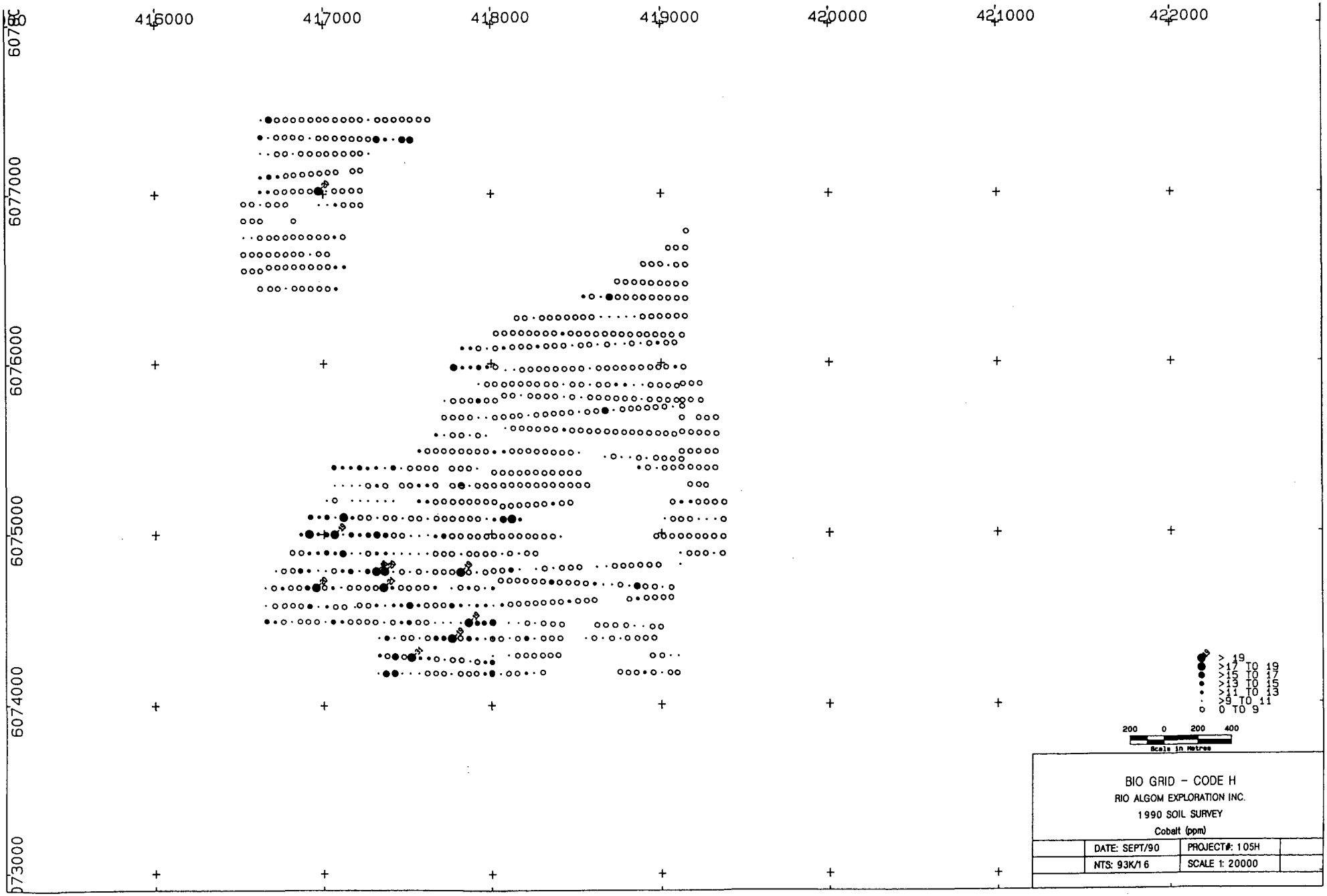

416000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
> 1.6
>1.4 TO 1.6
>1.2 TO 1.4
>1 TO 1.2
>.8 TO 1
>.4 TO .8
0 TO .4
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Cadmium (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

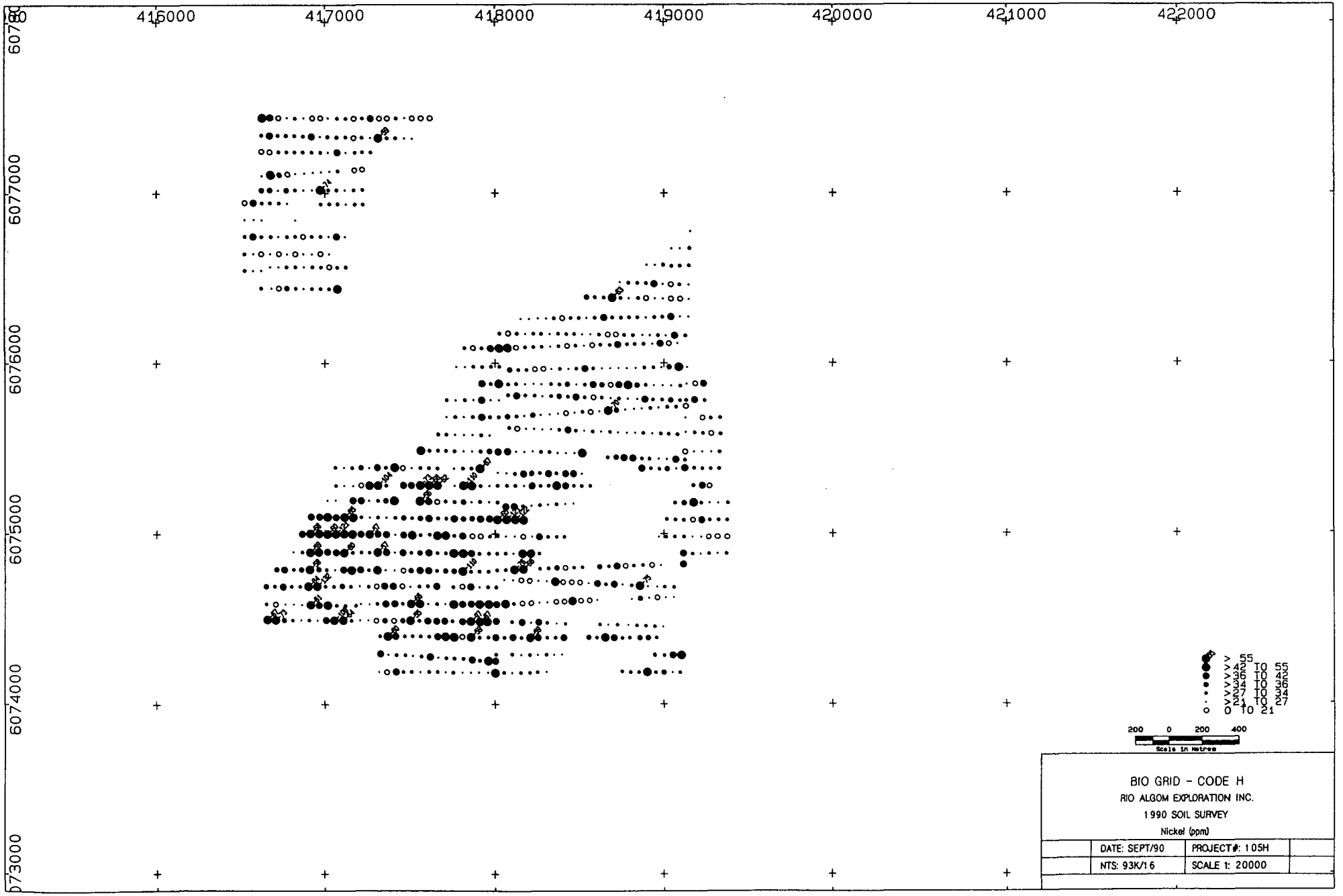

416000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
> 9
>8 TO 9
>7 TO 8
>6 TO 7
>5 TO 6
>4 TO 5
>3 TO 4
>2 TO 3
0 TO 2
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Molybdenum (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

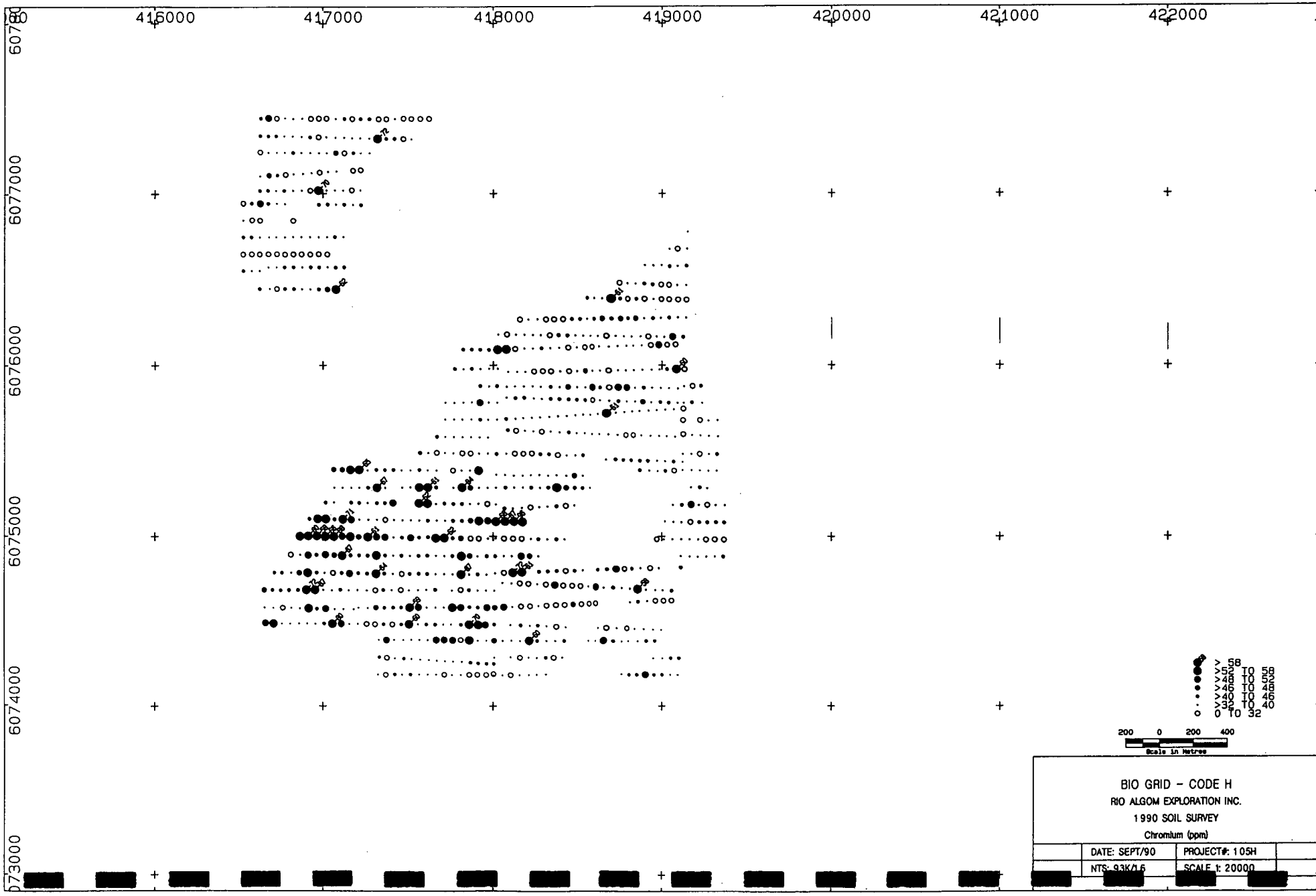

416000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
> 9
8 TO 9
7 TO 8
6 TO 7
4 TO 6
2 TO 4
0 TO 2
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Tungsten (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

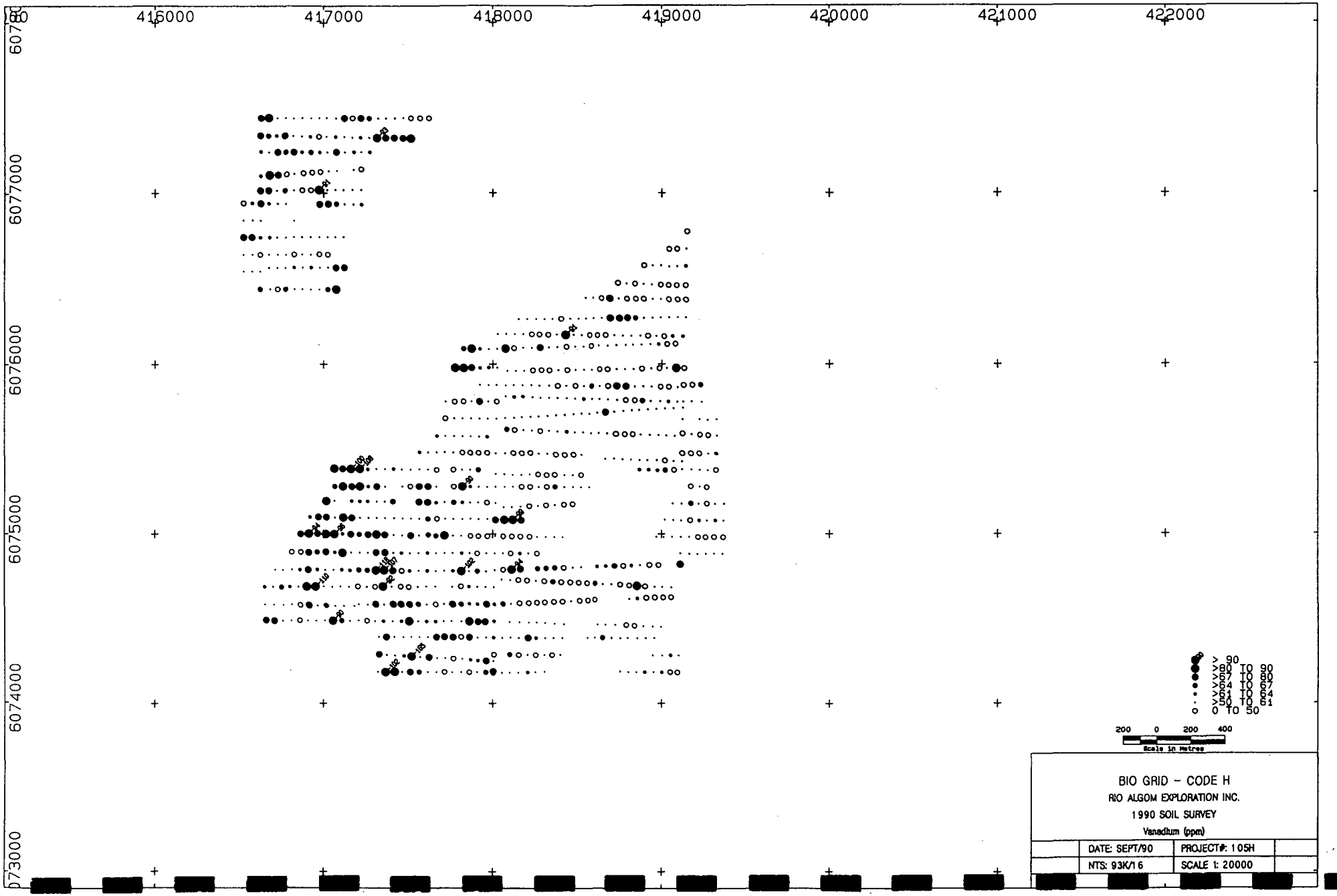

415000
417000
418000
419000
420000
421000
422000
6077000
6076000
6075000
6074000
6073000
> 4
>3.5 TO 4
>3.2 TO 3.5
>2.9 TO 3.2
>2.6 TO 2.9
>2 TO 2.6
0 TO 2
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Iron (X)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

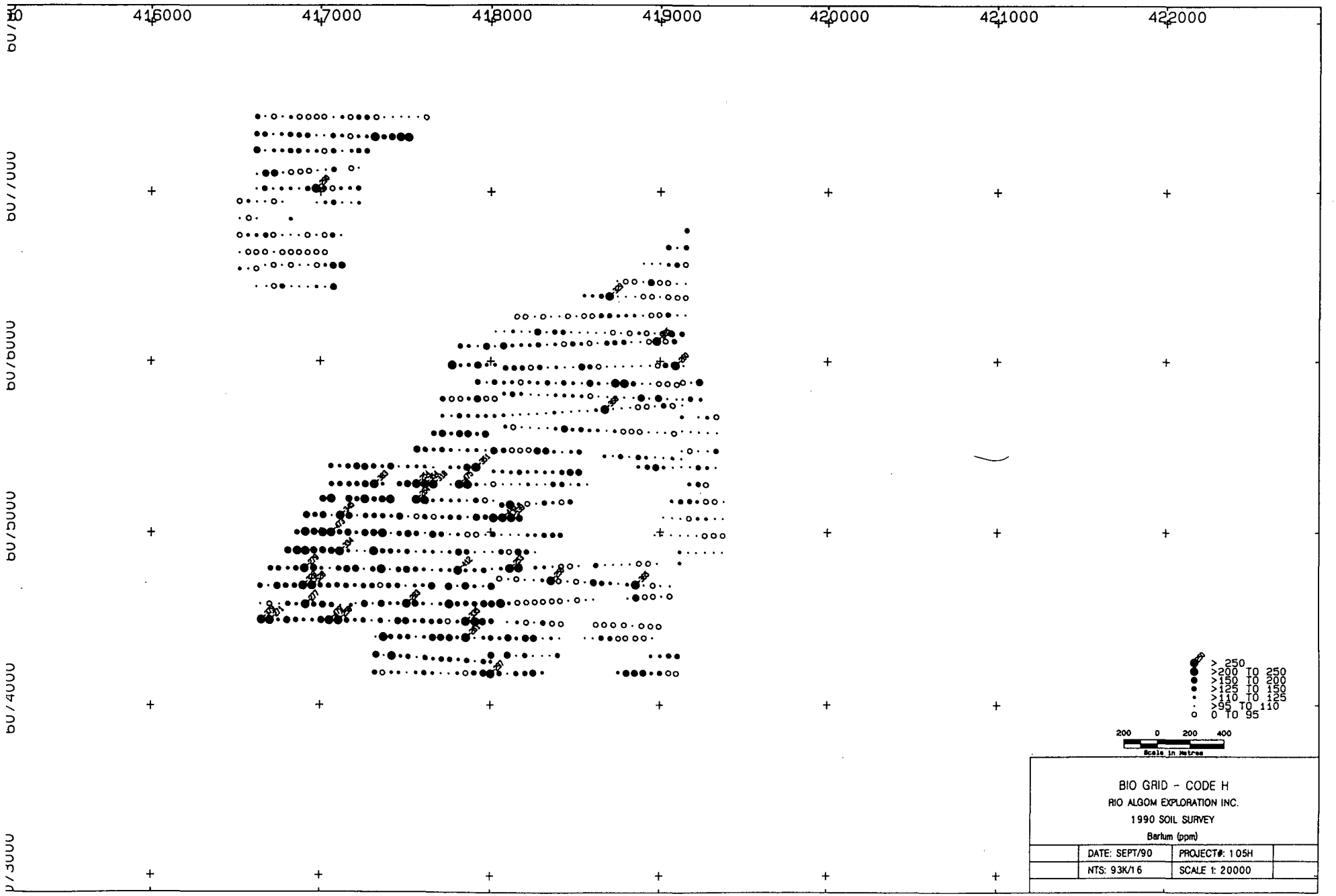

6078000
6077000
6076000
6075000
6074000
6073000
> 1000
>700 TO 1000
>500 TO 700
>425 TO 500
>340 TO 425
>250 TO 340
0 TO 250
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Manganese (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000


416000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
> 19
>17 TO 19
>15 TO 17
>13 TO 15
>11 TO 13
>9 TO 11
0 TO 9
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Cobalt (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000


416000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
> 55
42 TO 55
36 TO 42
34 TO 36
27 TO 34
21 TO 27
0 TO 21
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Nickel (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000


416000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
> 58
>52 TO 58
>48 TO 52
>46 TO 48
>40 TO 46
>32 TO 40
0 TO 32
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Chromium (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/1,6
SCALE 1: 20000


416000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
> 90
>80 TO 90
>67 TO 80
>64 TO 67
>61 TO 64
>50 TO 61
0 TO 50
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Vanadium (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000



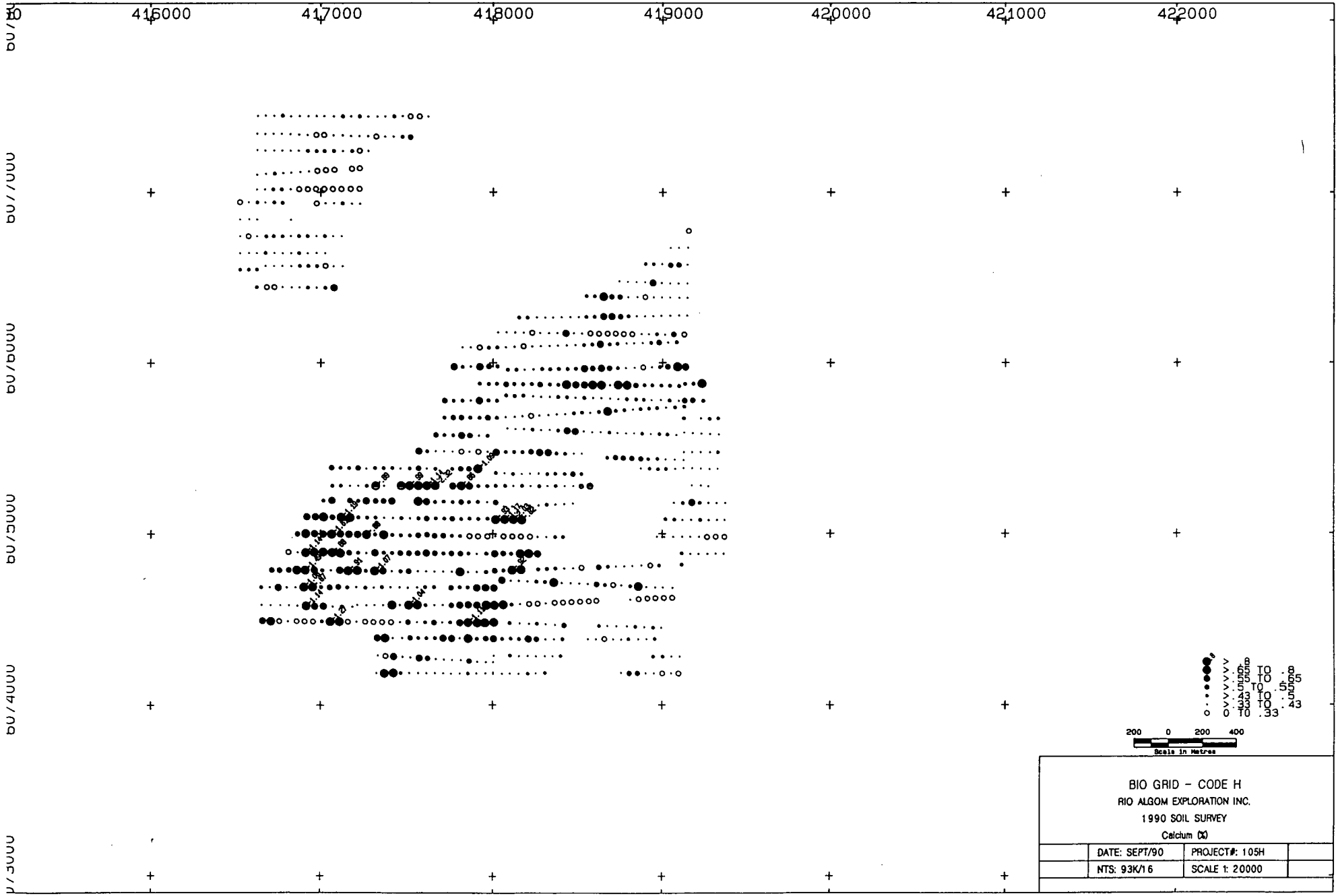
BIO GRID - CODE H

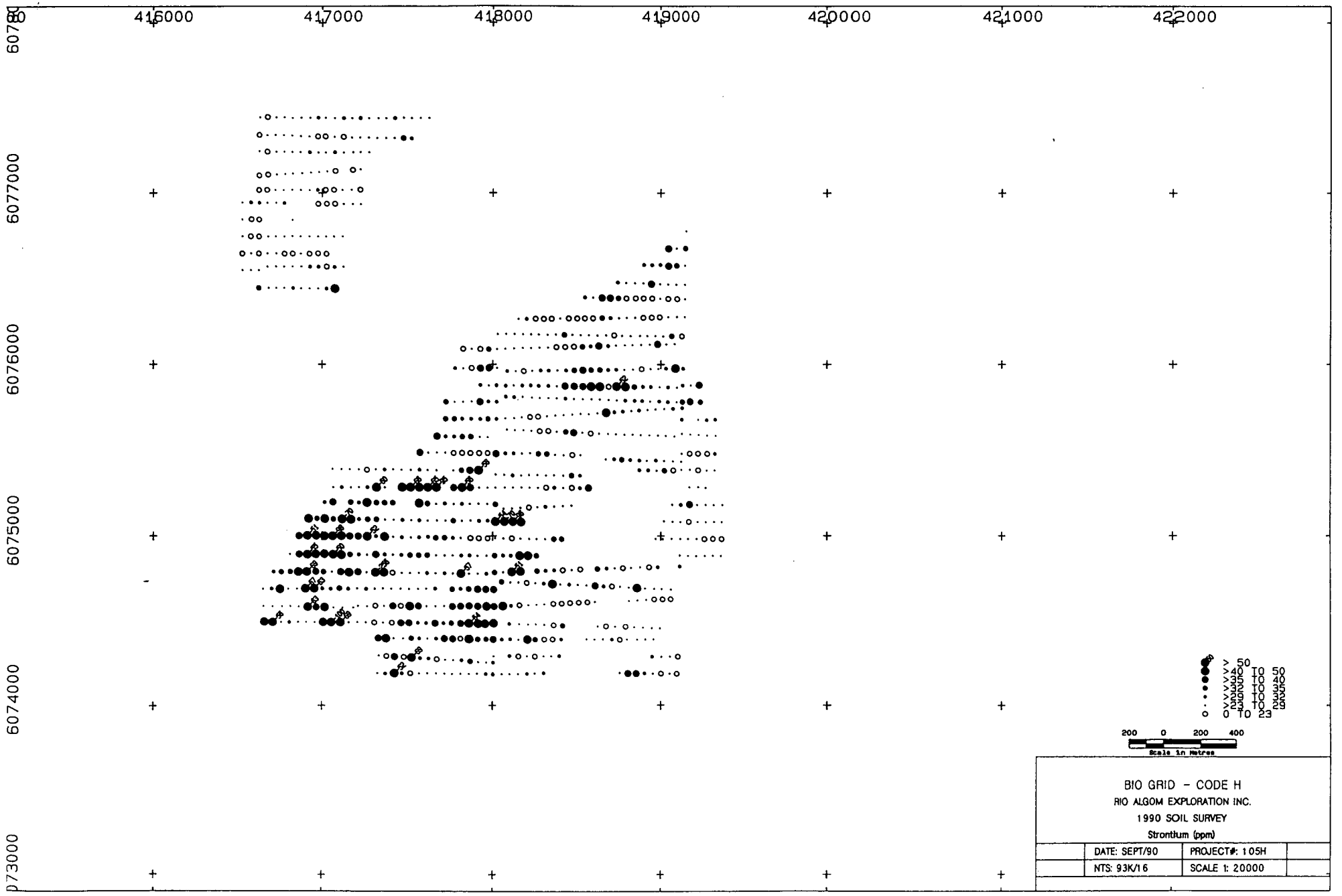
RIO ALGOM EXPLORATION INC.

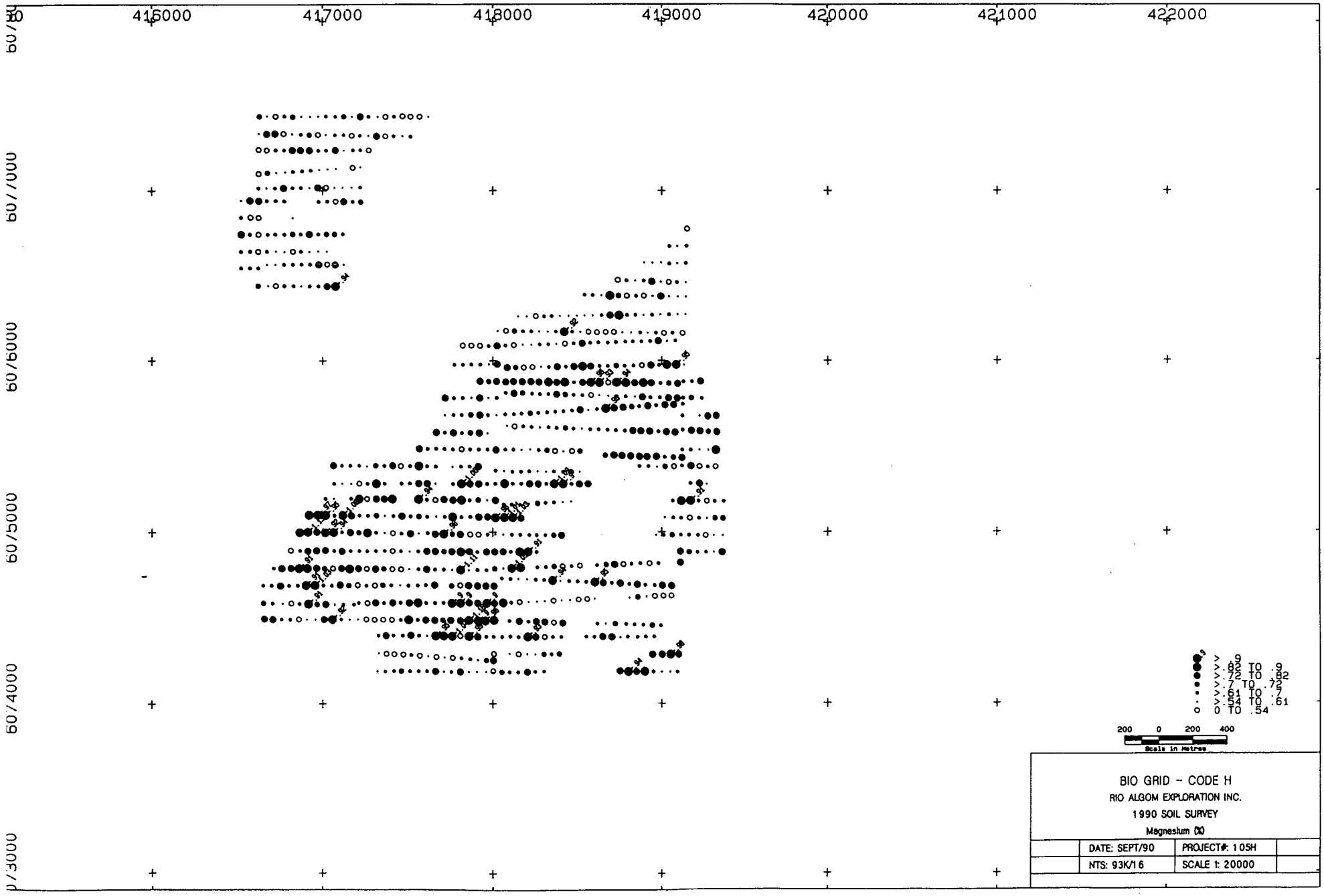
1990 SOIL SURVEY

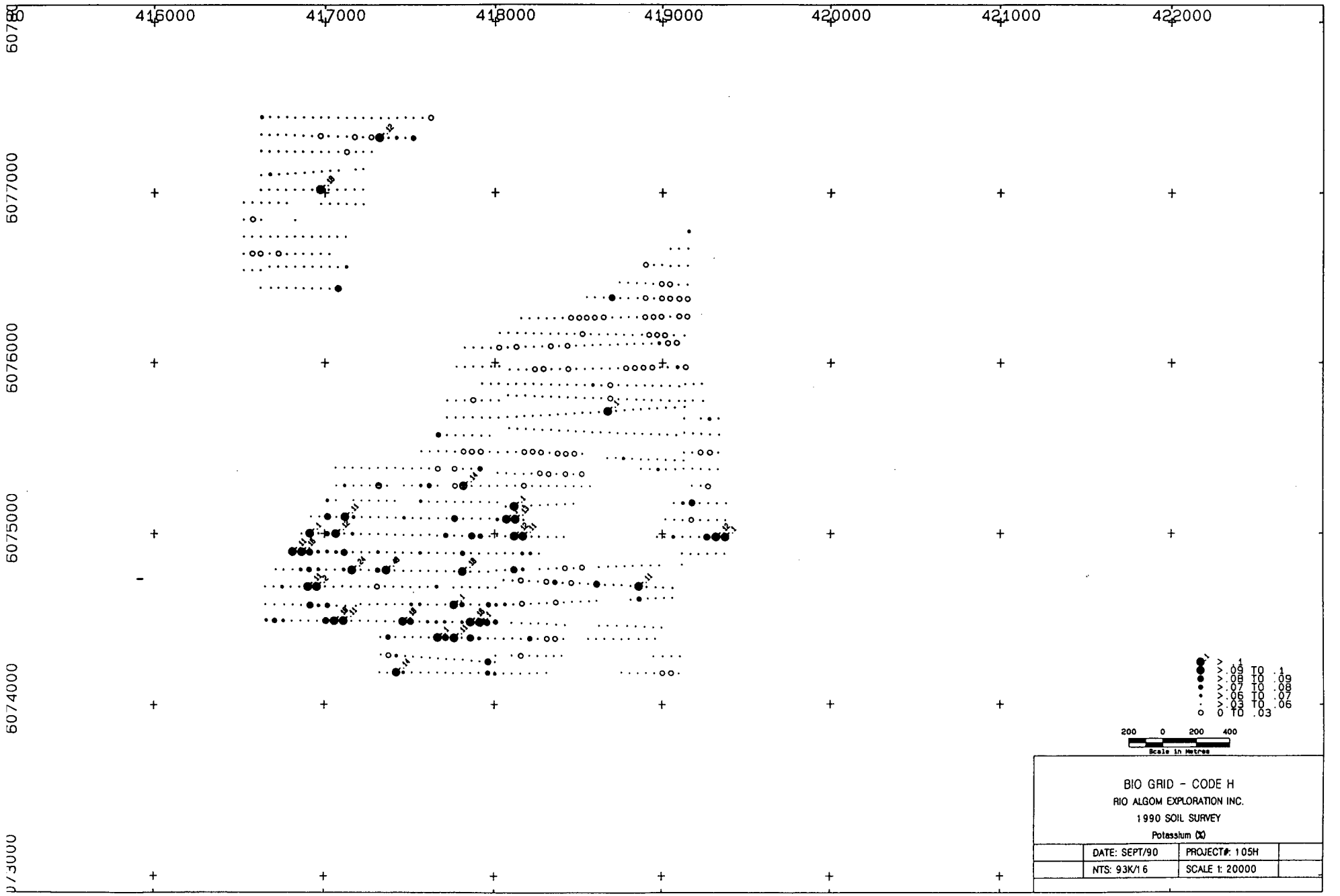
Barium (ppm)

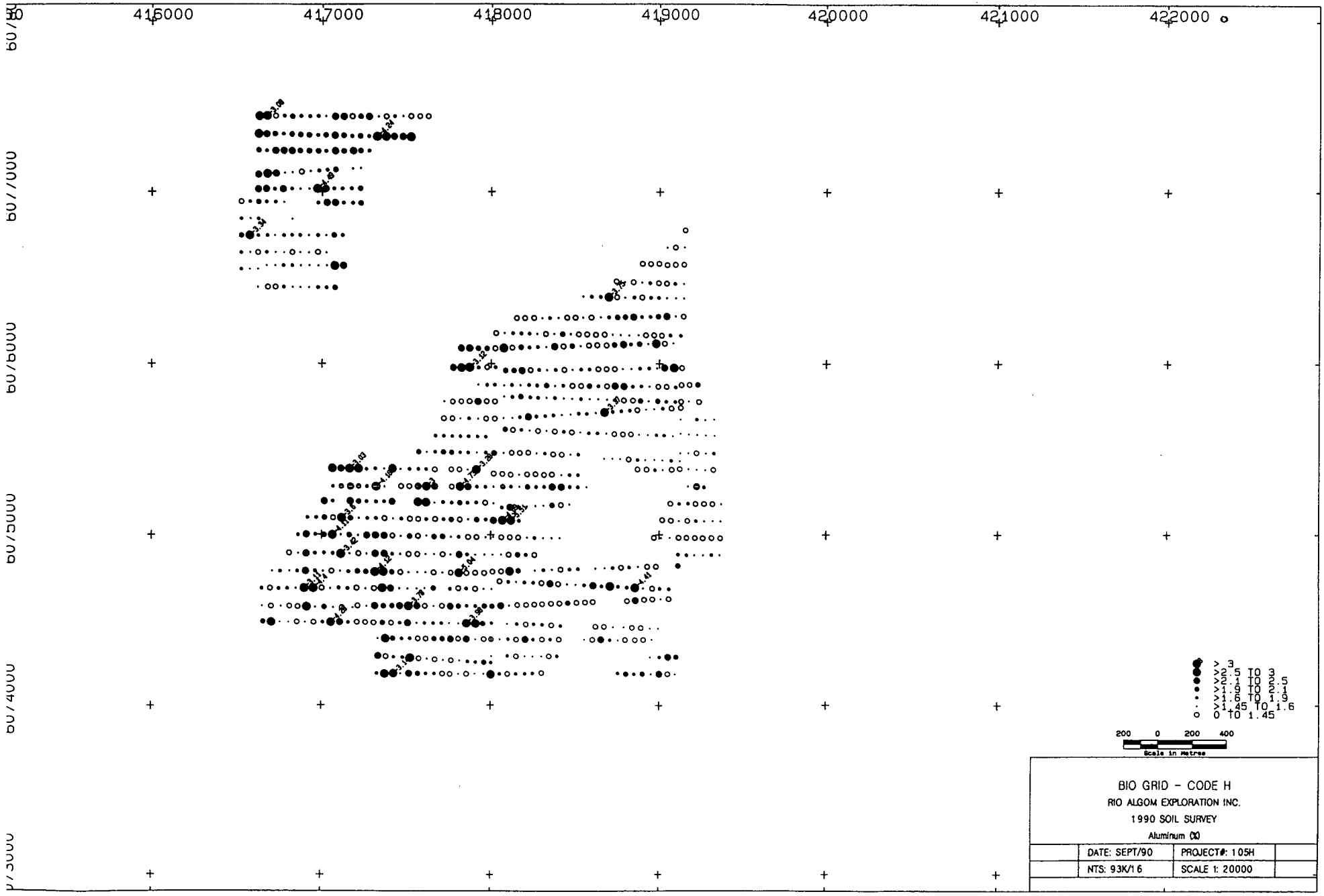
DATE: SEPT/90	PROJECT#: 105H
NTS: 93K/16	SCALE 1: 20000

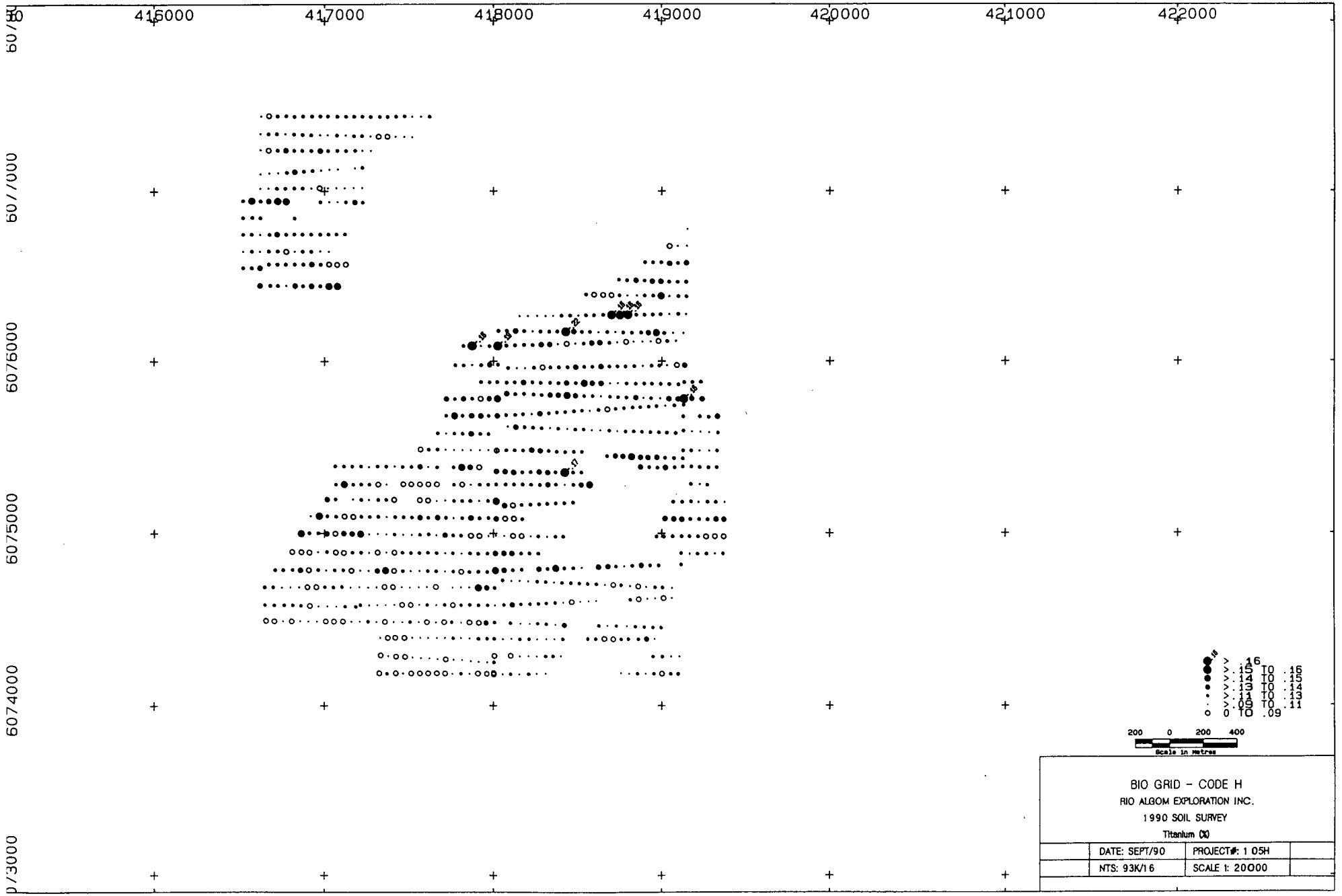

416000
417000
418000
419000
420000
421000
422000
.8
.65 TO .8
.55 TO .65
.5 TO .55
.43 TO .5
.33 TO .43
0 TO .33
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Calcium (%)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

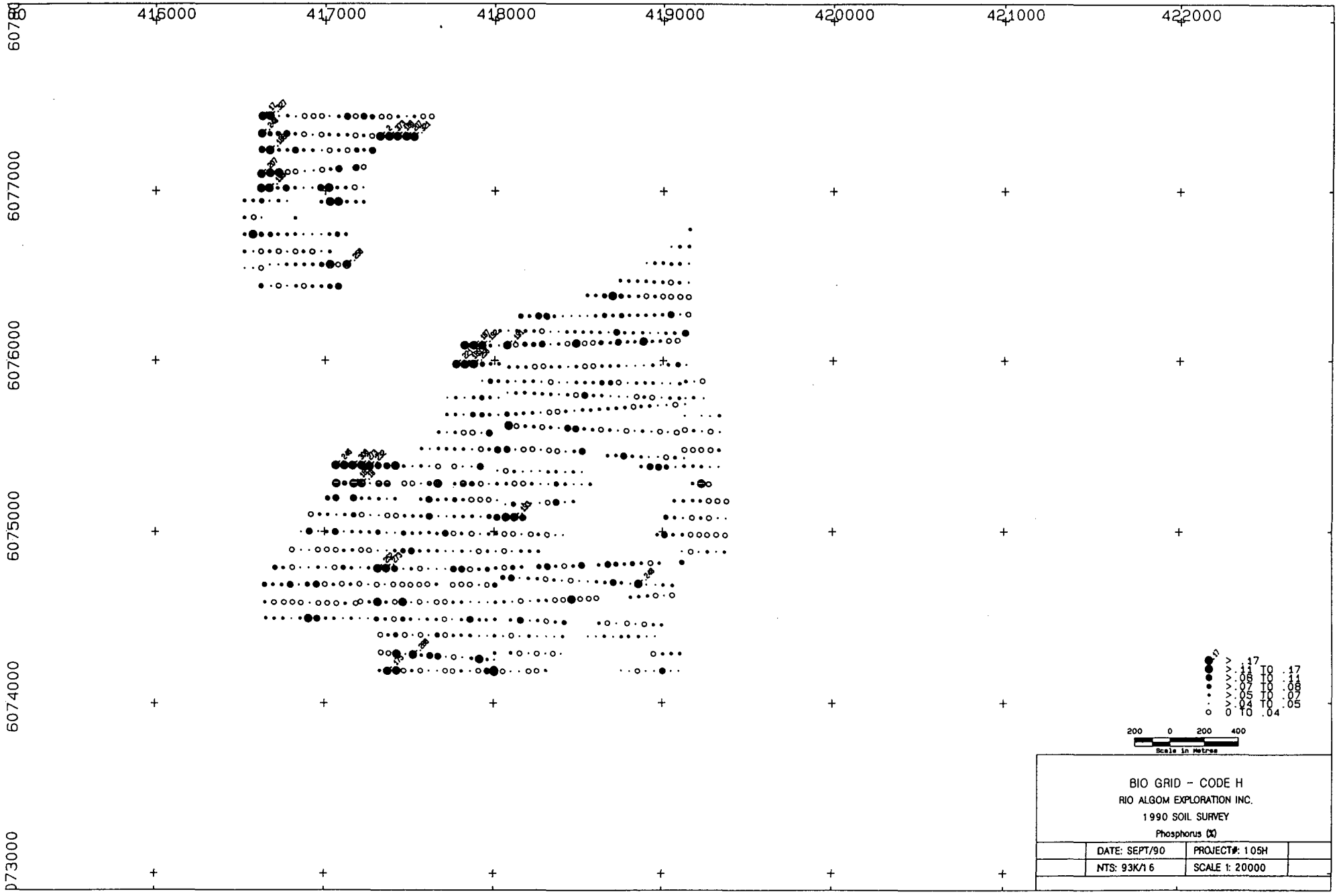

416000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
> 50
>40 TO 50
>35 TO 40
>30 TO 35
>25 TO 30
>23 TO 25
0 TO 23
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Strontium (ppm)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

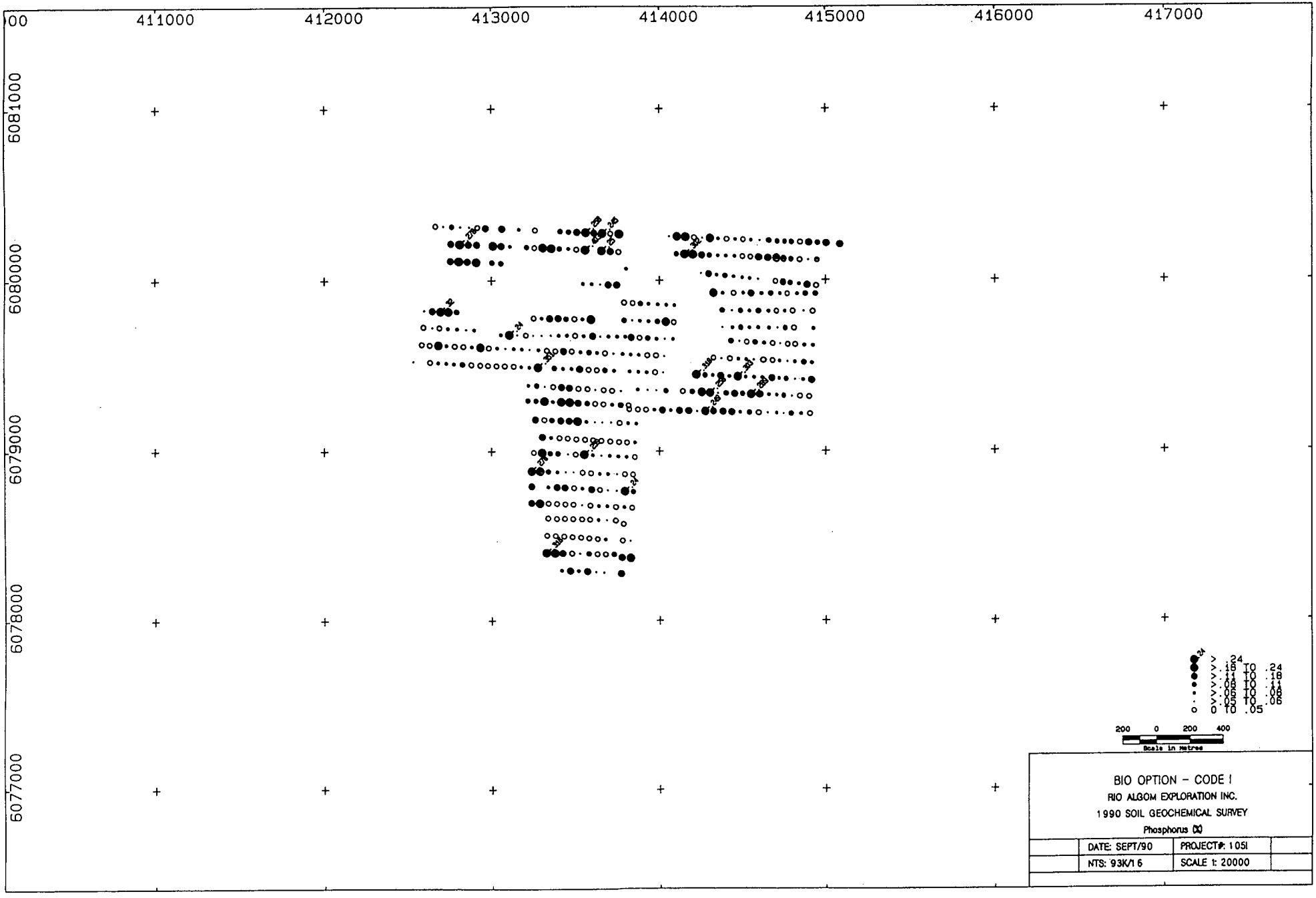

416000
417000
418000
419000
420000
421000
422000
60/7000
60/6000
60/5000
60/4000
> .9
> .82 TO .9
> .72 TO .82
> .7 TO .72
> .61 TO .7
> .54 TO .61
0 TO .54
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Magnesium (%)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

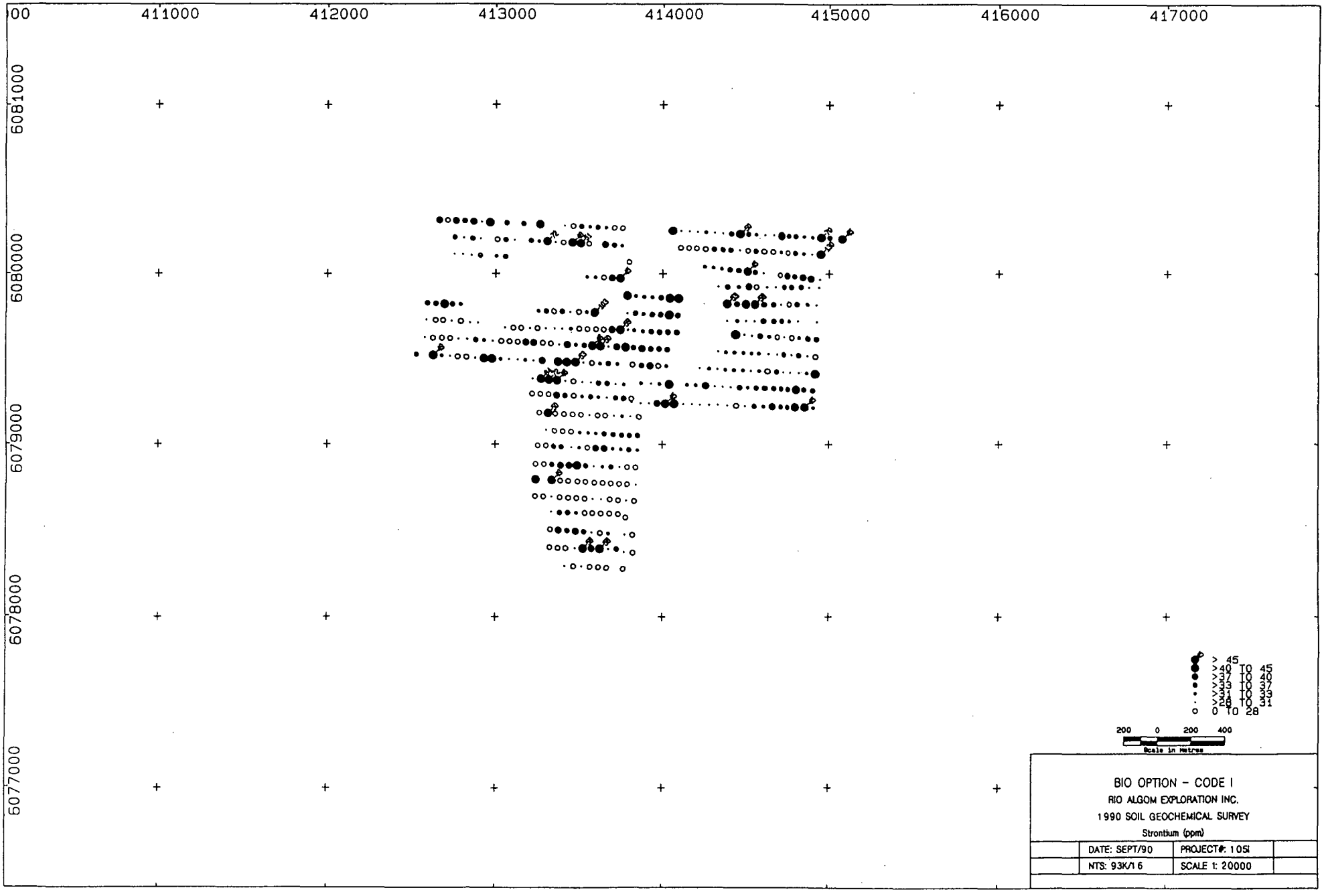

416000
417000
418000
419000
420000
421000
422000
6077000
6076000
6075000
6074000
> .1
> .09 TO .1
> .08 TO .09
> .07 TO .08
> .06 TO .07
> .03 TO .06
0 TO .03
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Potassium (%)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

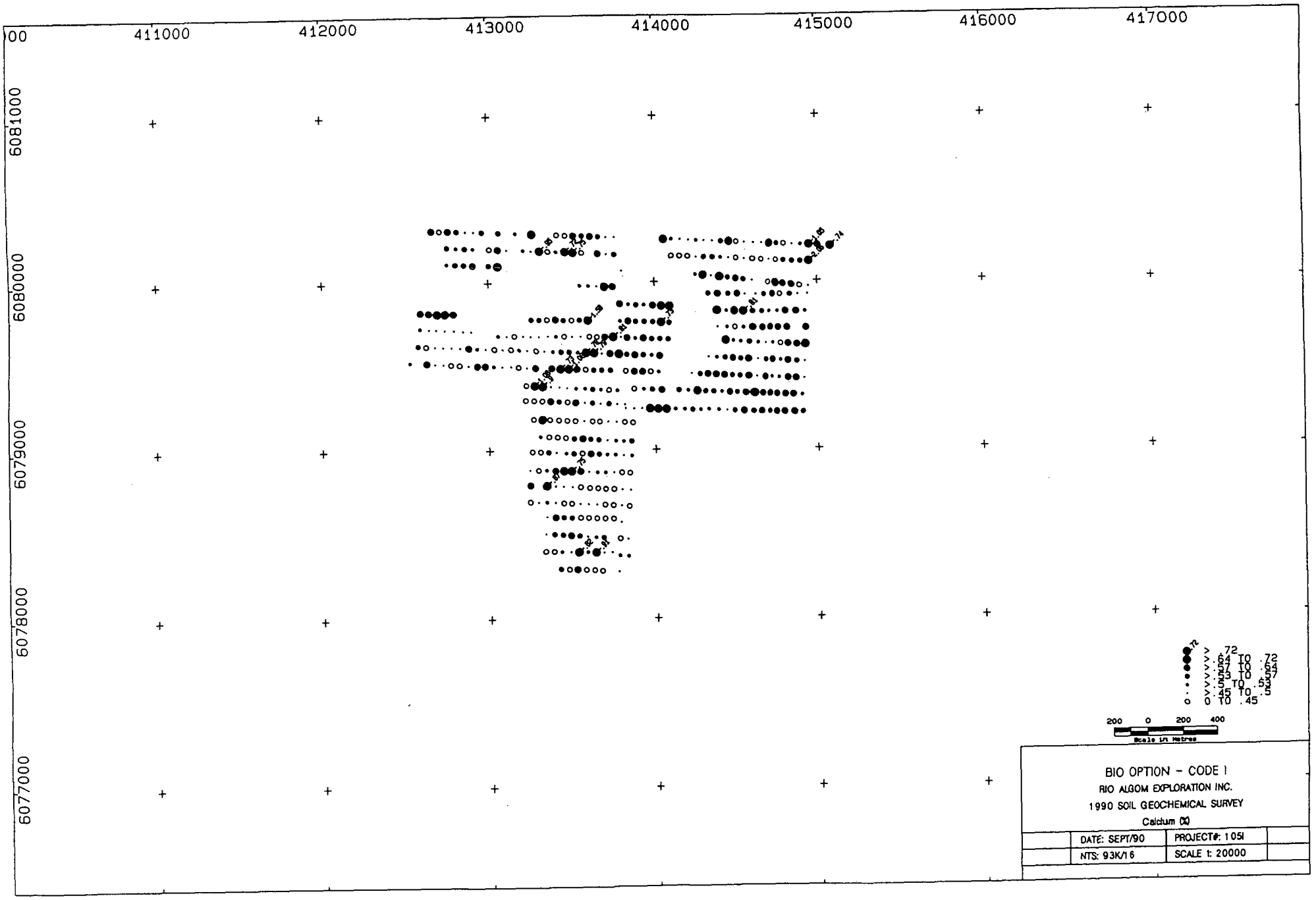

416000
417000
418000
419000
420000
421000
422000
>3
>2.5 TO 3
>2.1 TO 2.5
>1.9 TO 2.1
>1.6 TO 1.9
>1.45 TO 1.6
0 TO 1.45
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Aluminum (X)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

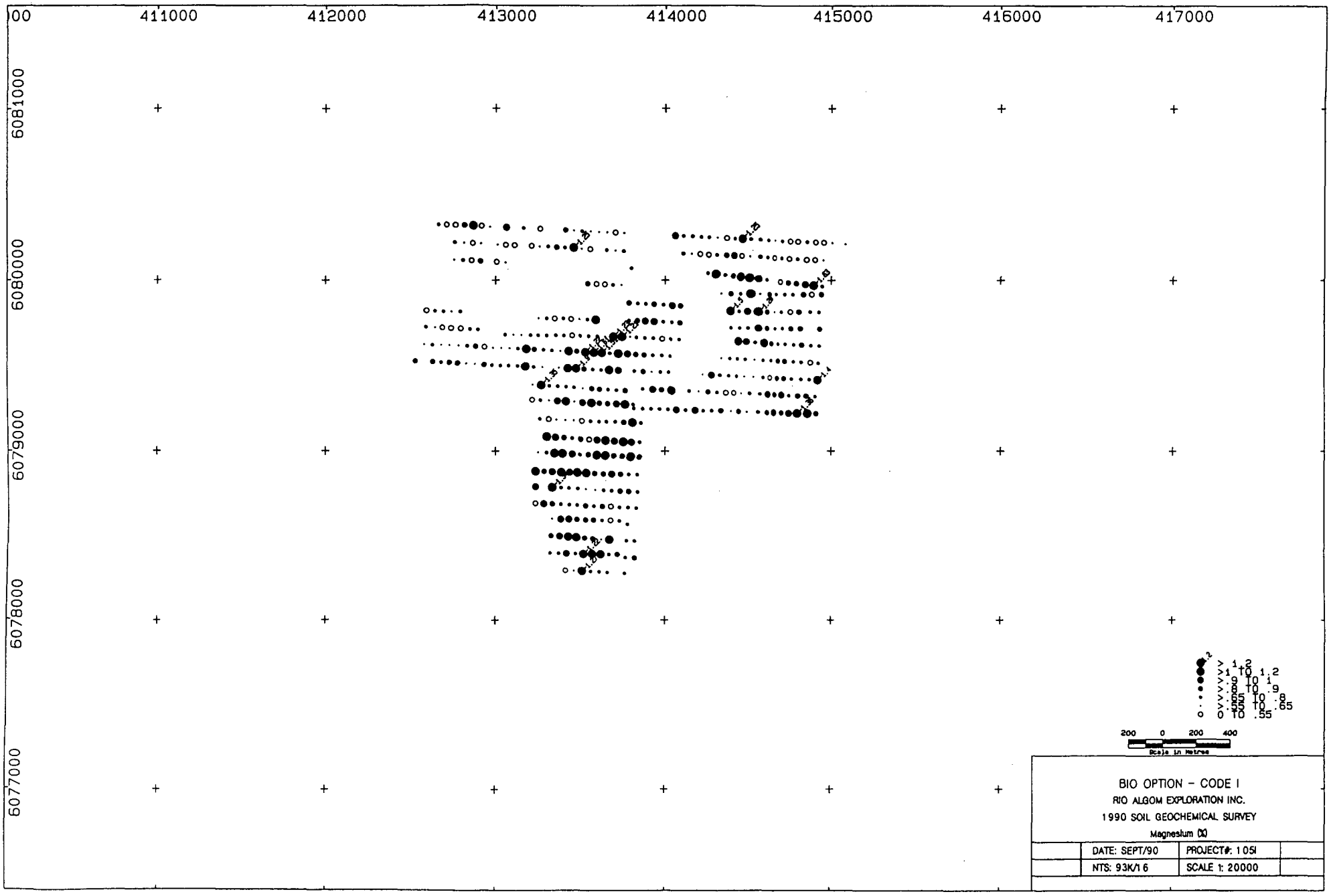

416000
417000
418000
419000
420000
421000
422000
6077000
6076000
6075000
6074000
>.16
>.15 TO .16
>.14 TO .15
>.13 TO .14
>.11 TO .13
>.09 TO .11
0 TO .09
200 0 200 400
Scale in metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Titanium (%)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

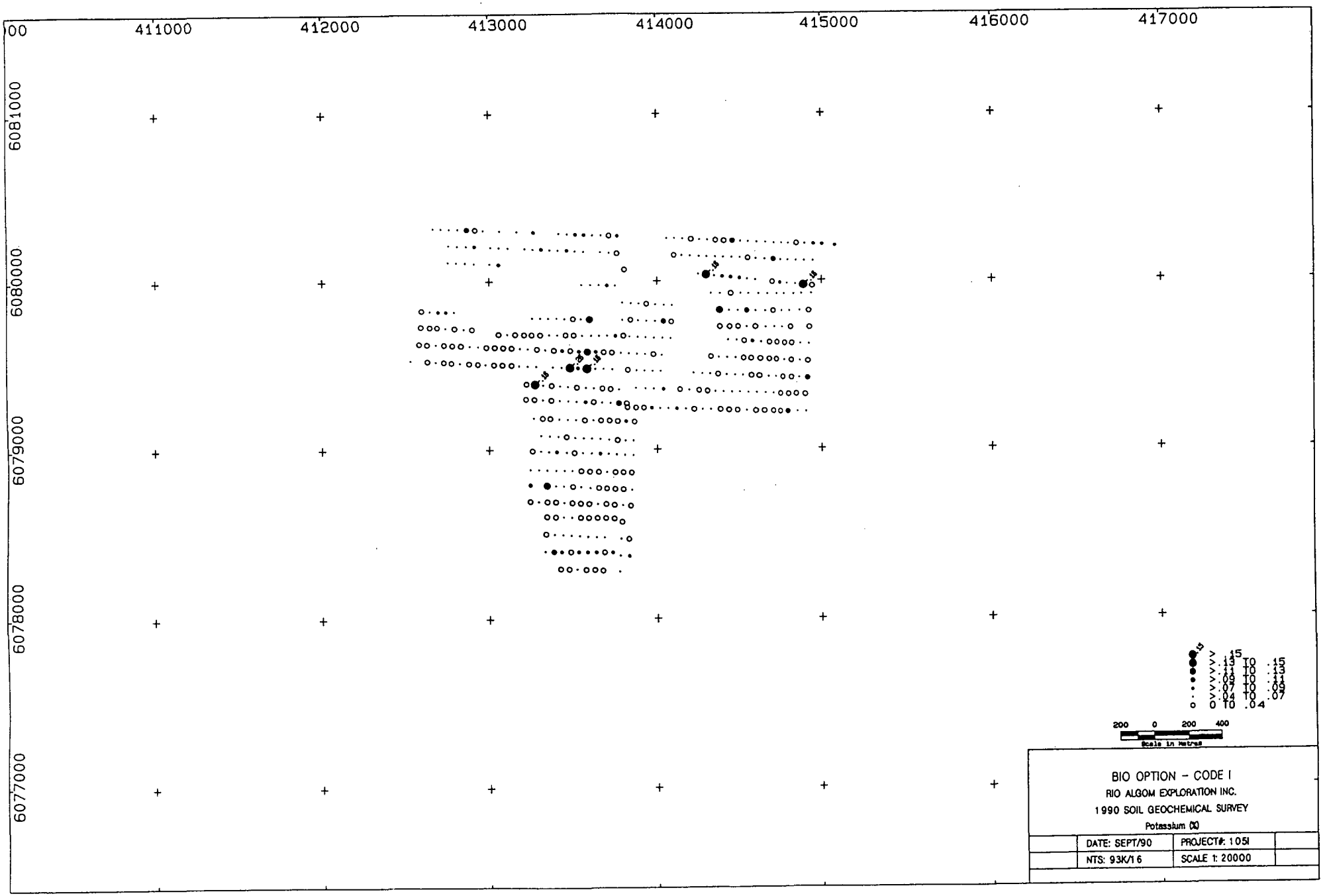

415000
417000
418000
419000
420000
421000
422000
6078000
6077000
6076000
6075000
6074000
6073000
> .17
.11 TO .17
.08 TO .11
.07 TO .08
.05 TO .07
.04 TO .05
0 TO .04
200 0 200 400
Scale in Metres
BIO GRID - CODE H
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Phosphorus (%)
DATE: SEPT/90
PROJECT#: 105H
NTS: 93K/16
SCALE 1: 20000

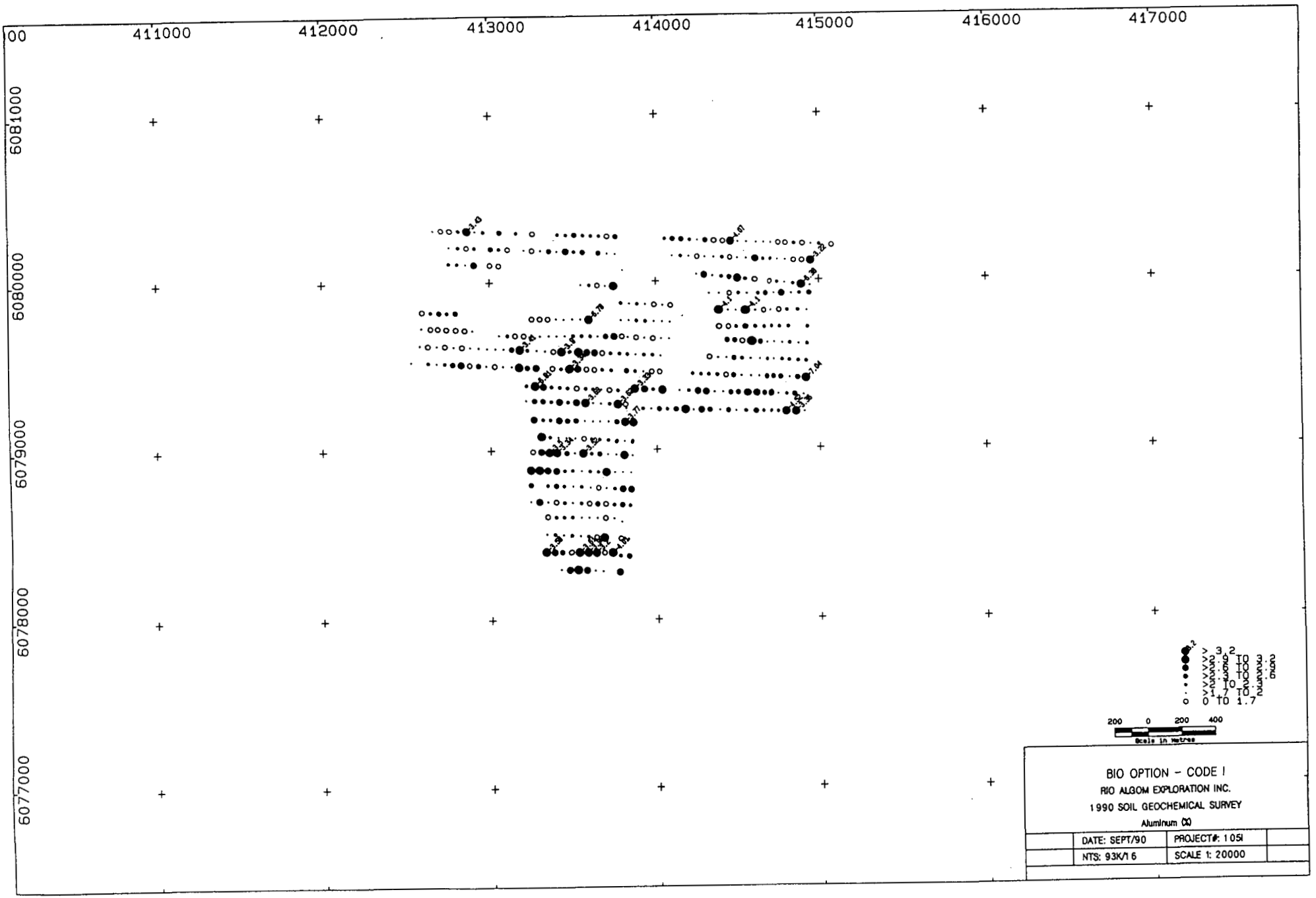

00
411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> .24
> .18 TO .24
> .11 TO .18
> .06 TO .11
> .05 TO .06
0 TO .05
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMICAL SURVEY
Phosphorus (X)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

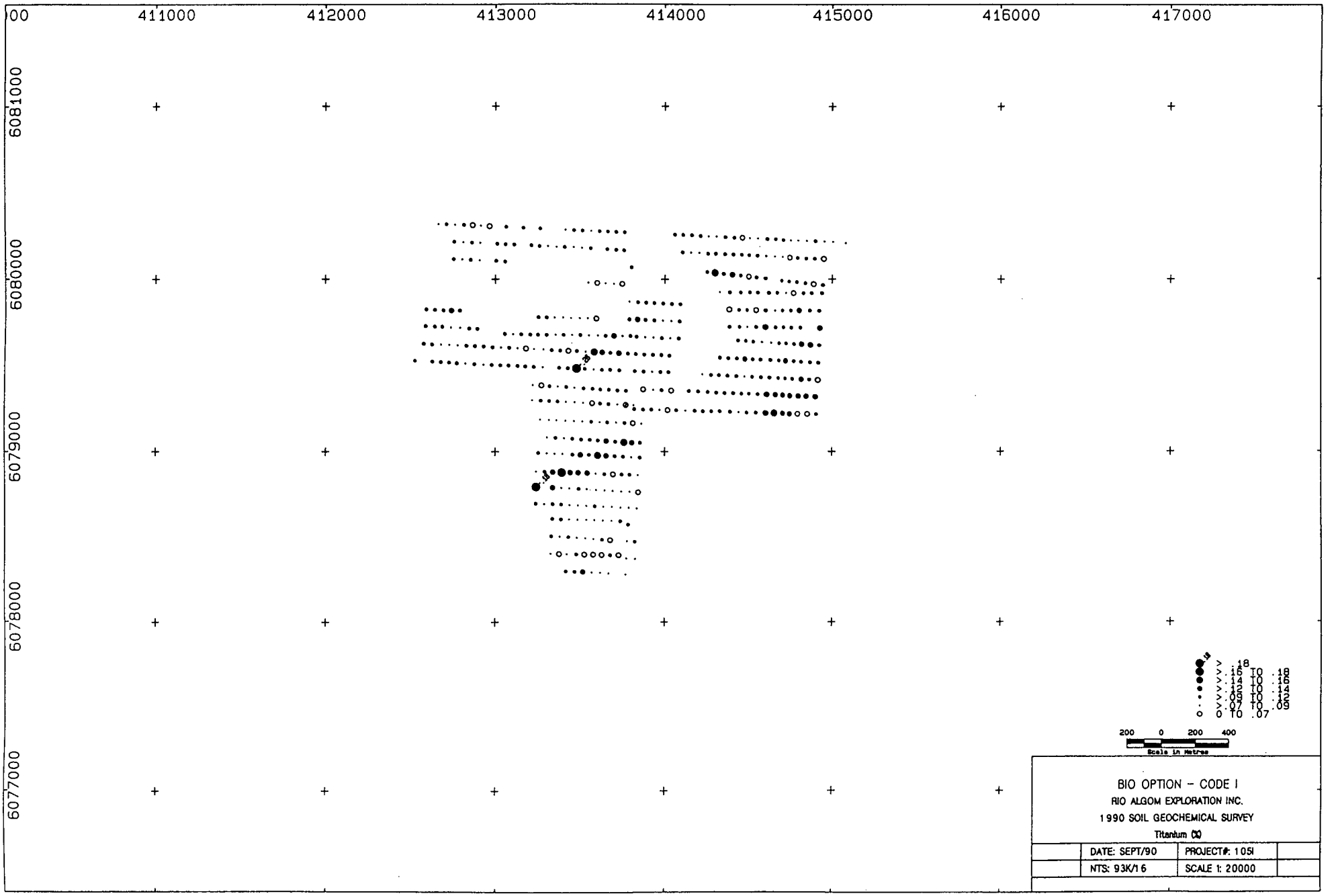

000
411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 45
>40 TO 45
>37 TO 40
>33 TO 37
>31 TO 33
>28 TO 31
0 TO 28
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMICAL SURVEY
Strontium (ppm)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

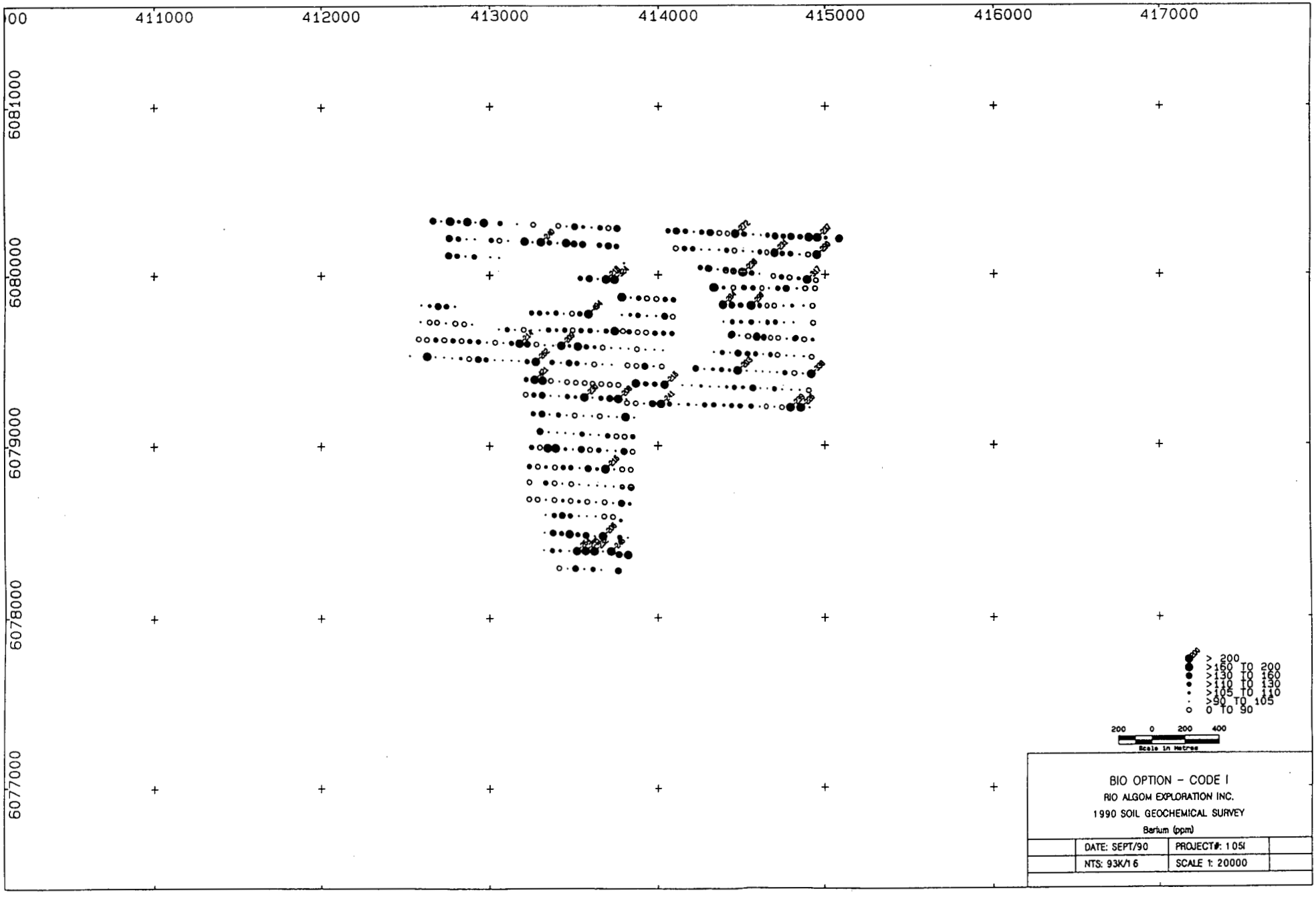

411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
.72
.64 TO .72
.57 TO .64
.53 TO .57
.5 TO .53
.45 TO .5
0 TO .45
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMICAL SURVEY
Calcium (%)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

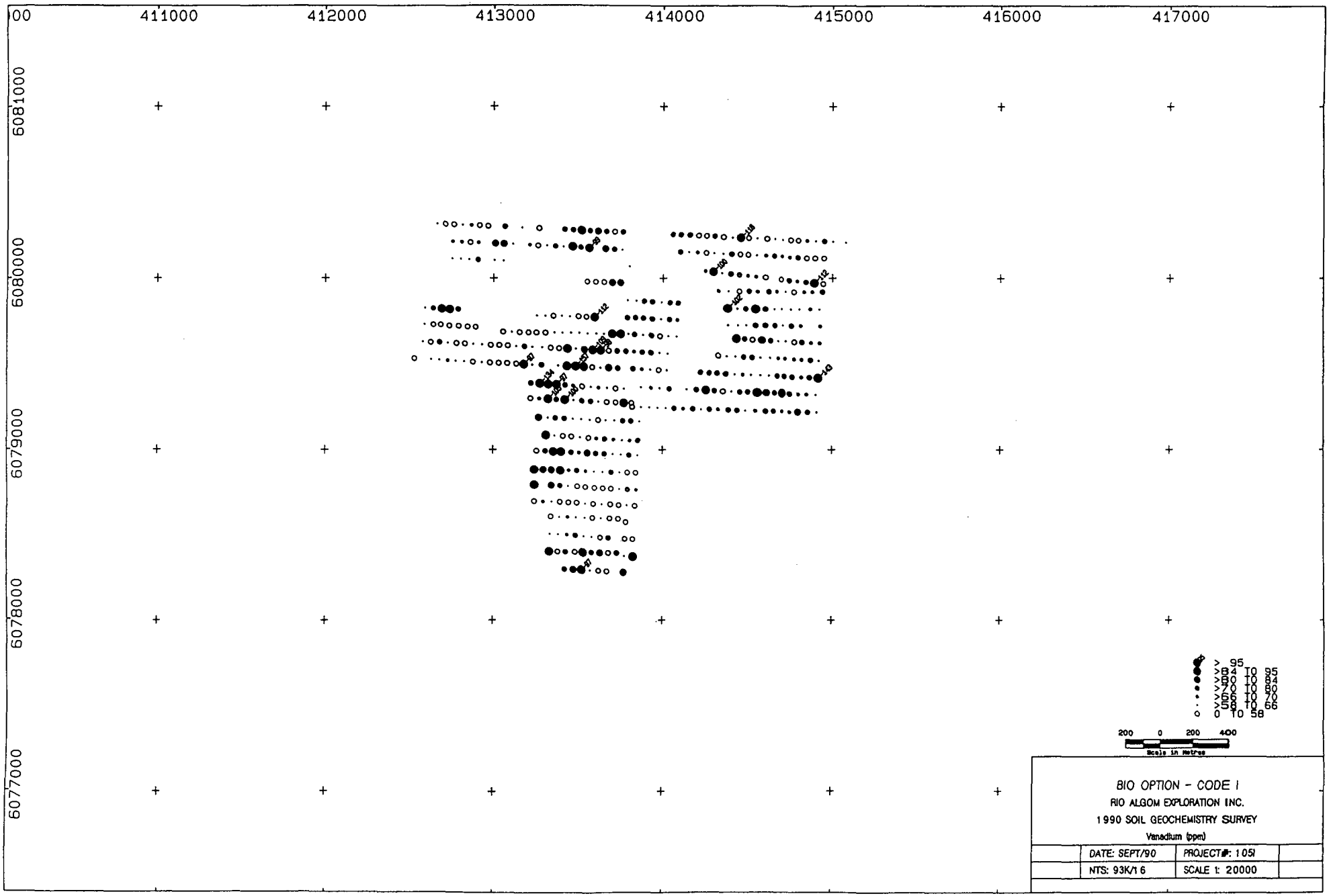

00
411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
>1.2
>1 TO 1.2
>.9 TO 1
>.8 TO .9
>.65 TO .8
>.55 TO .65
0 TO .55
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMICAL SURVEY
Magnesium (%)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

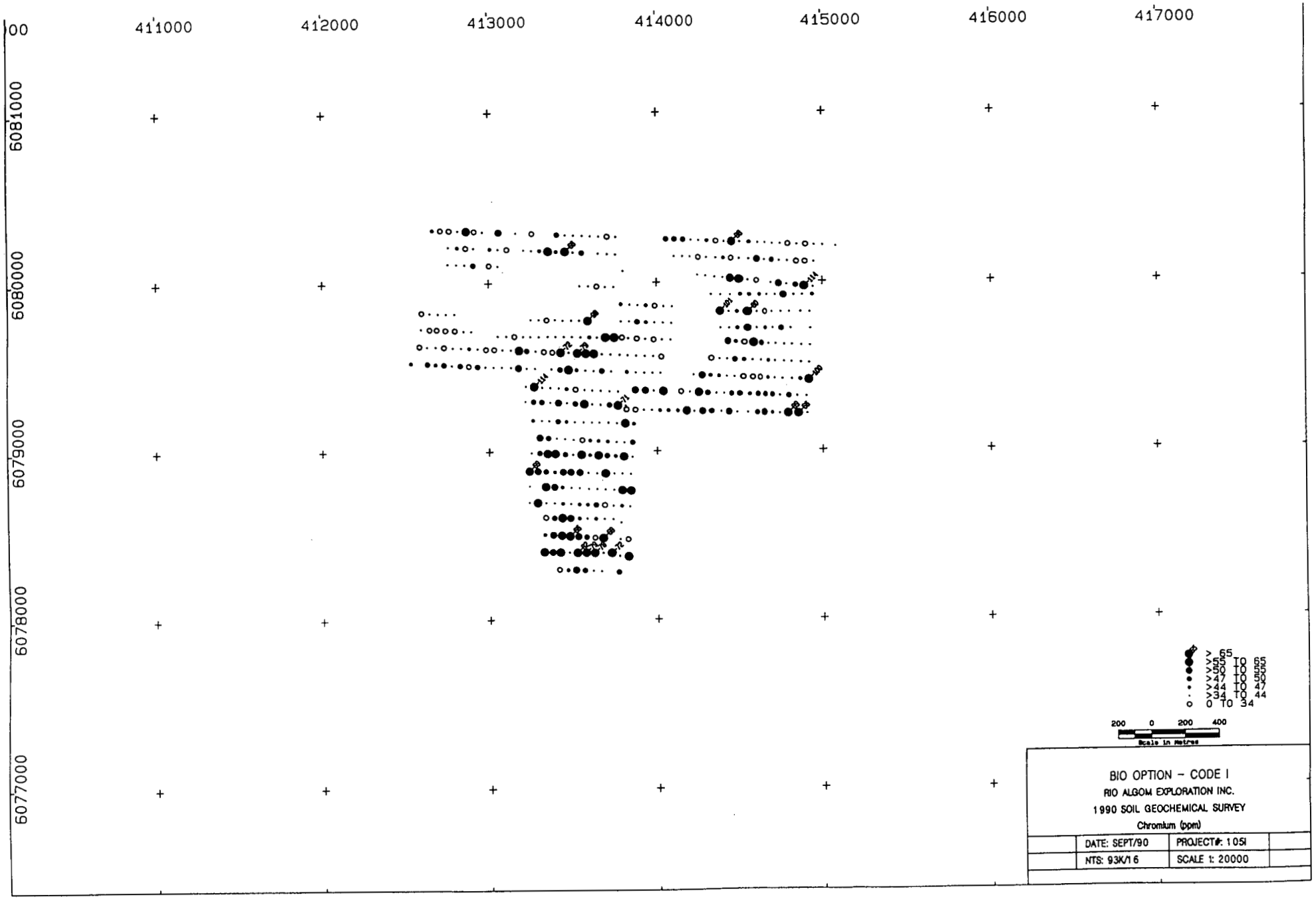

411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> .15
.13 TO .15
.11 TO .13
.09 TO .11
.07 TO .09
.04 TO .07
0 TO .04
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMICAL SURVEY
Potassium (%)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

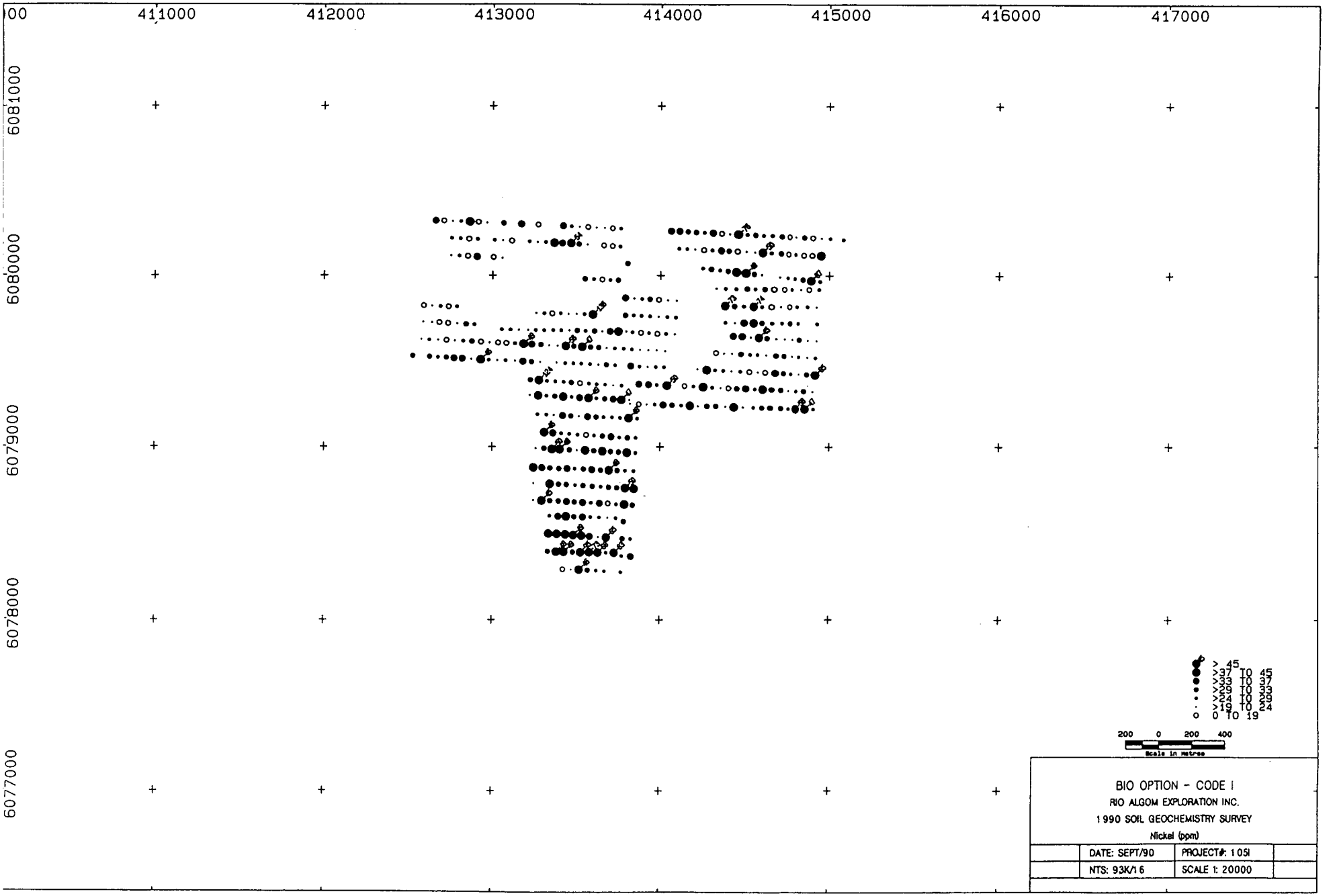

00
411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 3.2
> 2.95 TO 3.2
> 2.7 TO 2.95
> 2.45 TO 2.7
> 2.2 TO 2.45
> 1.7 TO 2.2
0 TO 1.7
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMICAL SURVEY
Aluminum (%)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

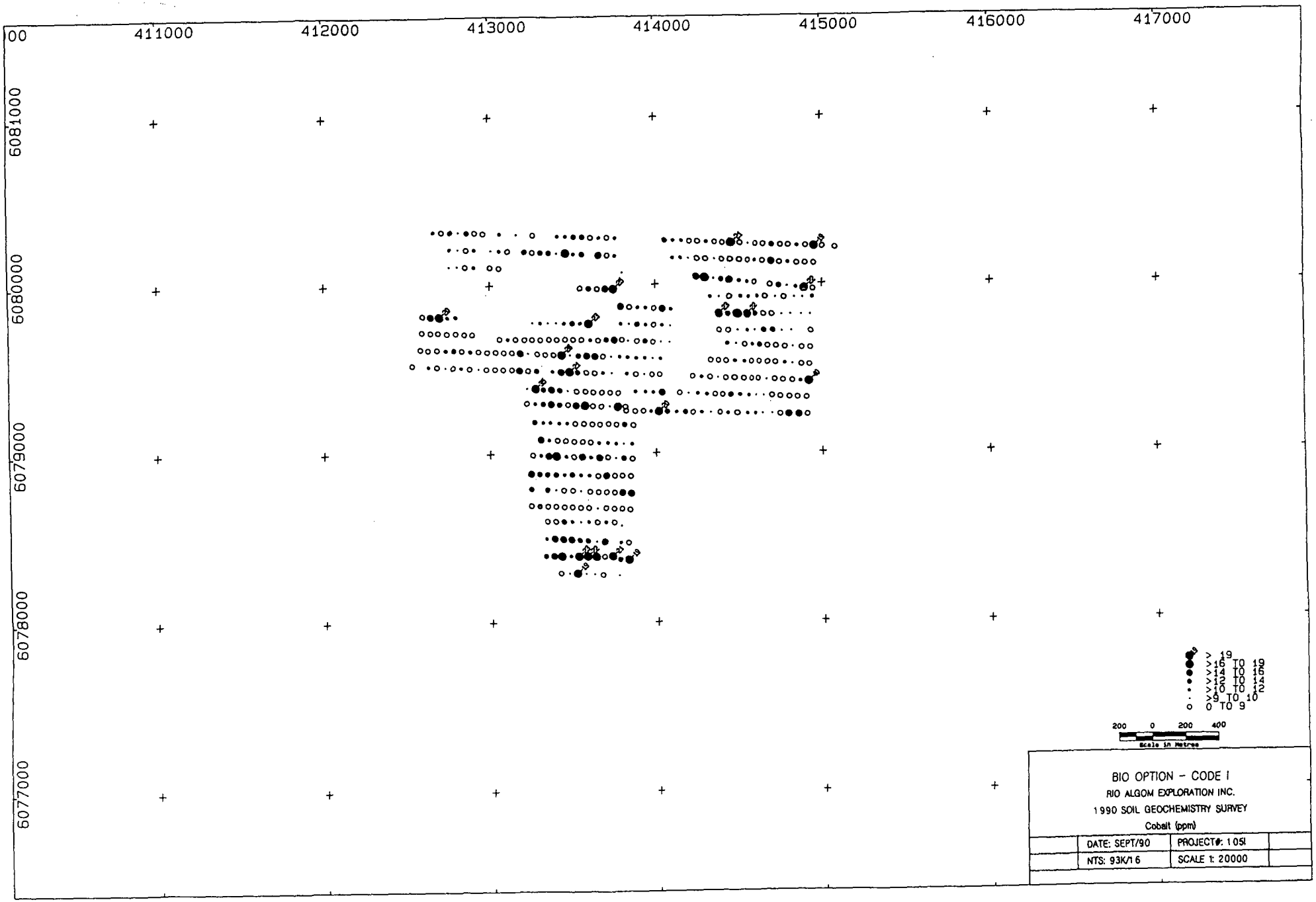

411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> .18
> .16 TO .18
> .14 TO .16
> .12 TO .14
> .09 TO .12
> .07 TO .09
0 TO .07
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMICAL SURVEY
Titanium (%)
DATE: SEPT/90
PROJECT#: 105I
NTS: 93K/16
SCALE 1: 20000

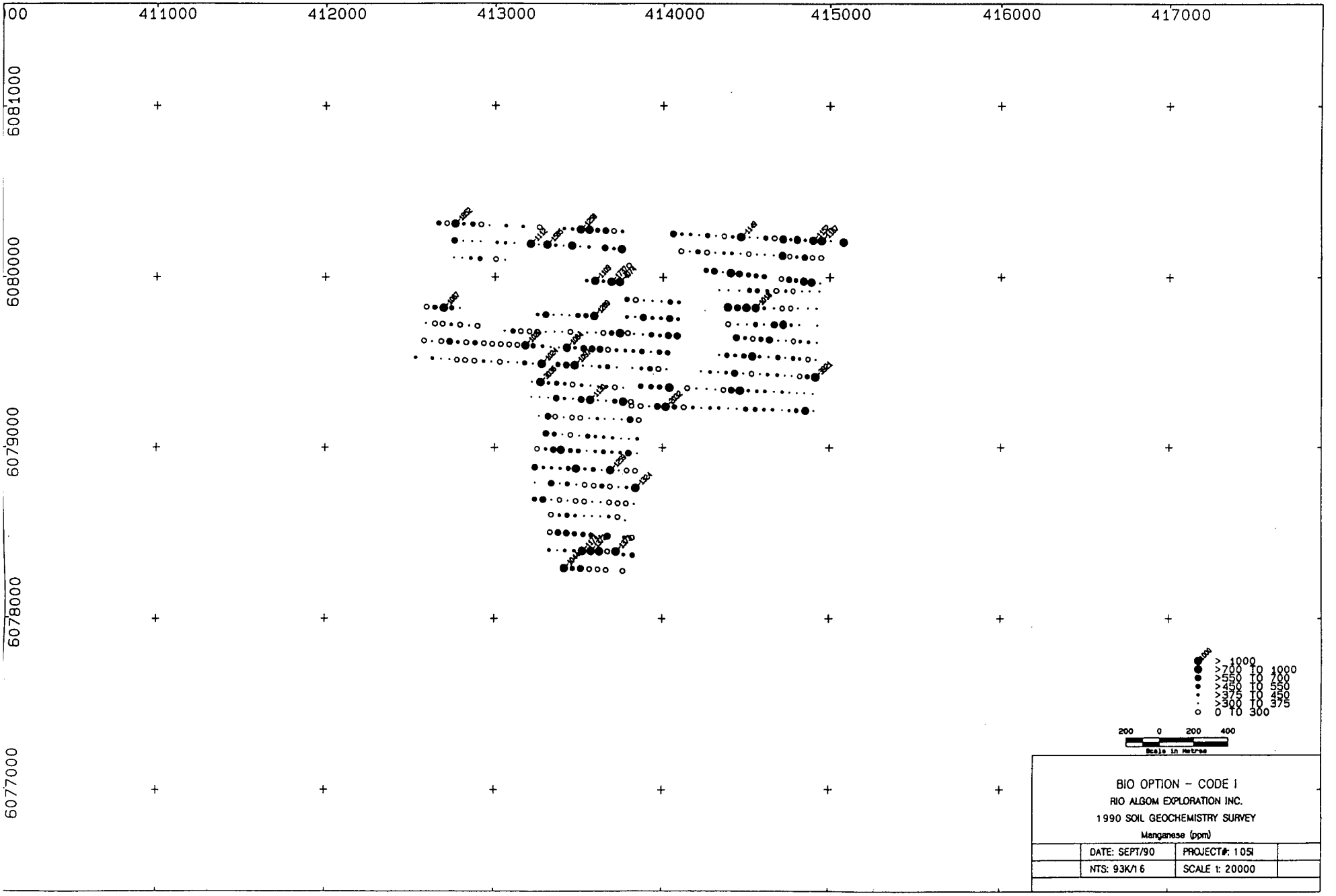

00
411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 200
>160 TO 200
>130 TO 160
>110 TO 130
>105 TO 110
>90 TO 105
0 TO 90
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMICAL SURVEY
Barium (ppm)
DATE: SEPT/90
PROJECT#: 105
NTS: 93K/16
SCALE 1: 20000

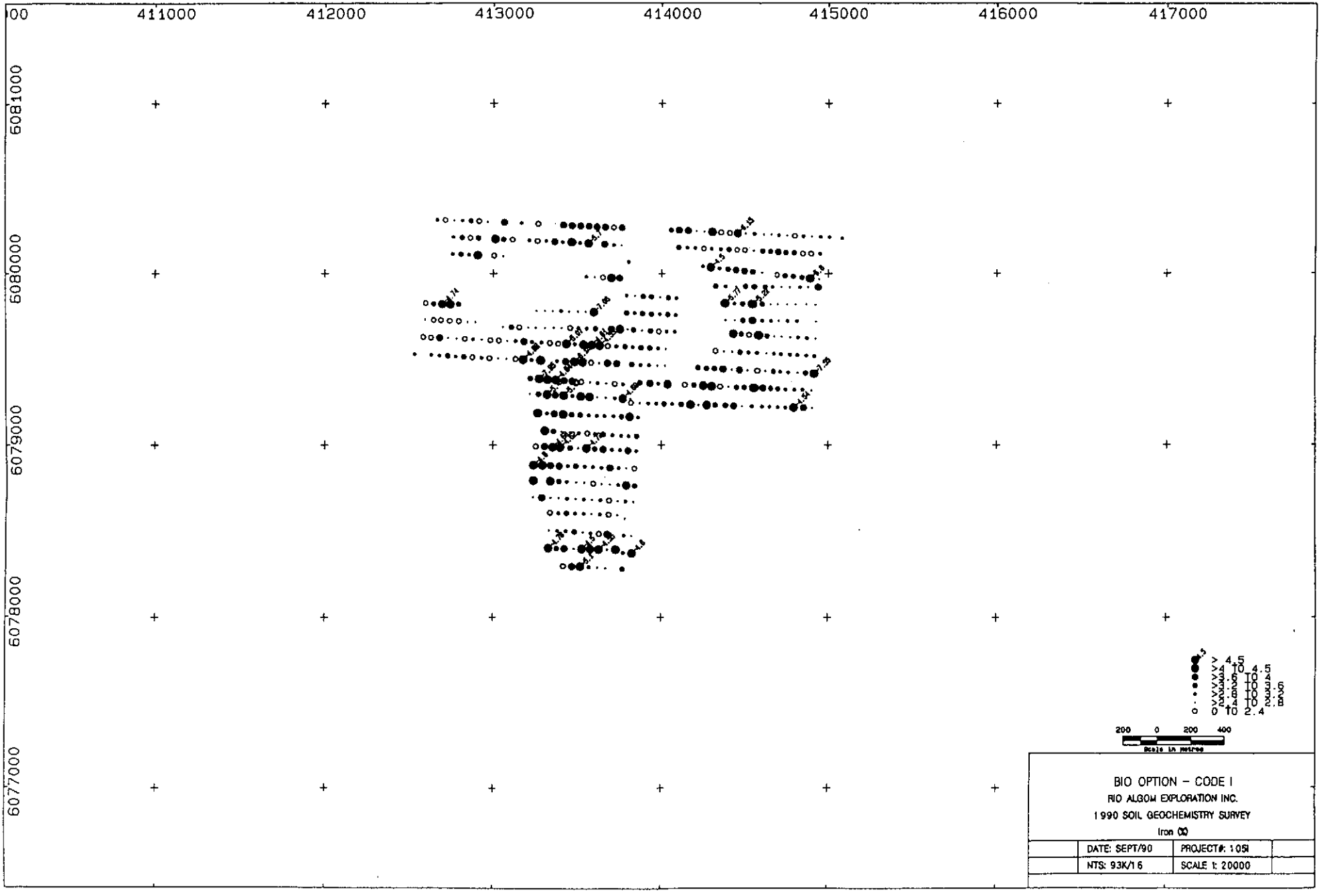

411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 95
>84 TO 95
>80 TO 84
>70 TO 80
>66 TO 70
>58 TO 66
0 TO 58
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Vanadium (ppm)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

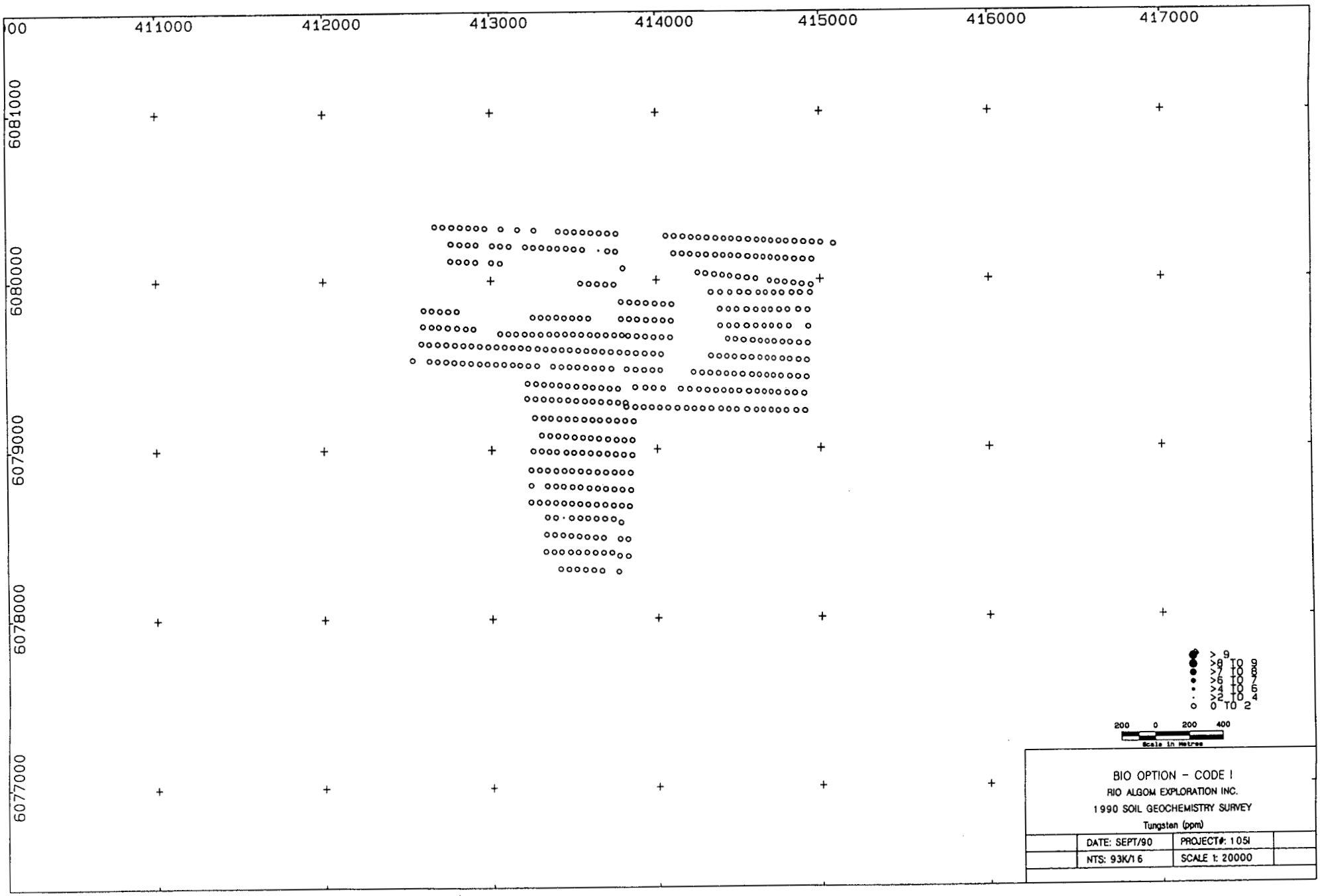

411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 65
>55 TO 65
>50 TO 55
>47 TO 50
>44 TO 47
>34 TO 44
0 TO 34
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMICAL SURVEY
Chromium (ppm)
DATE: SEPT/90
PROJECT#: 105I
NTS: 93K/16
SCALE 1: 20000

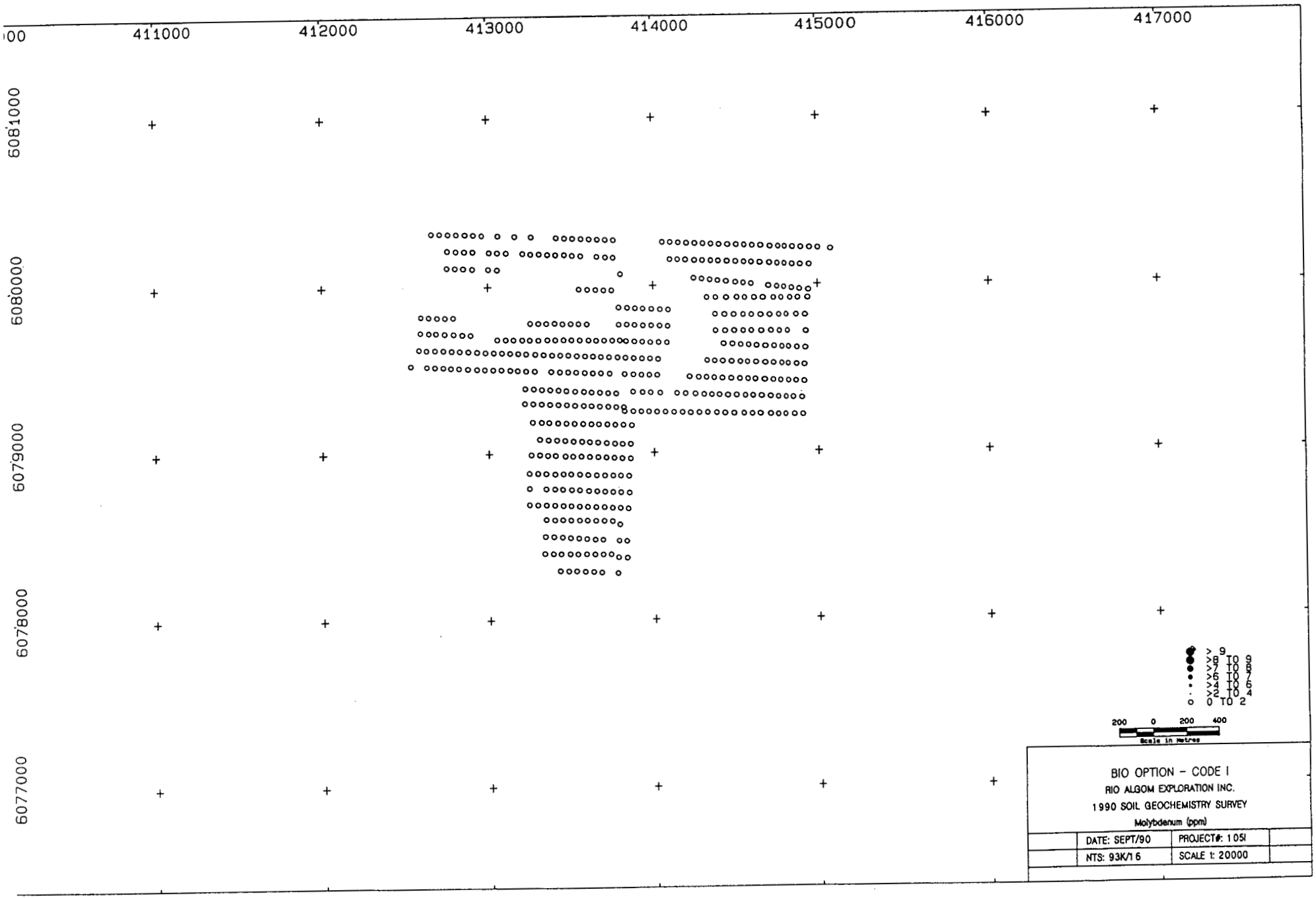

411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 45
>37 TO 45
>33 TO 37
>29 TO 33
>24 TO 29
>19 TO 24
0 TO 19
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Nickel (ppm)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

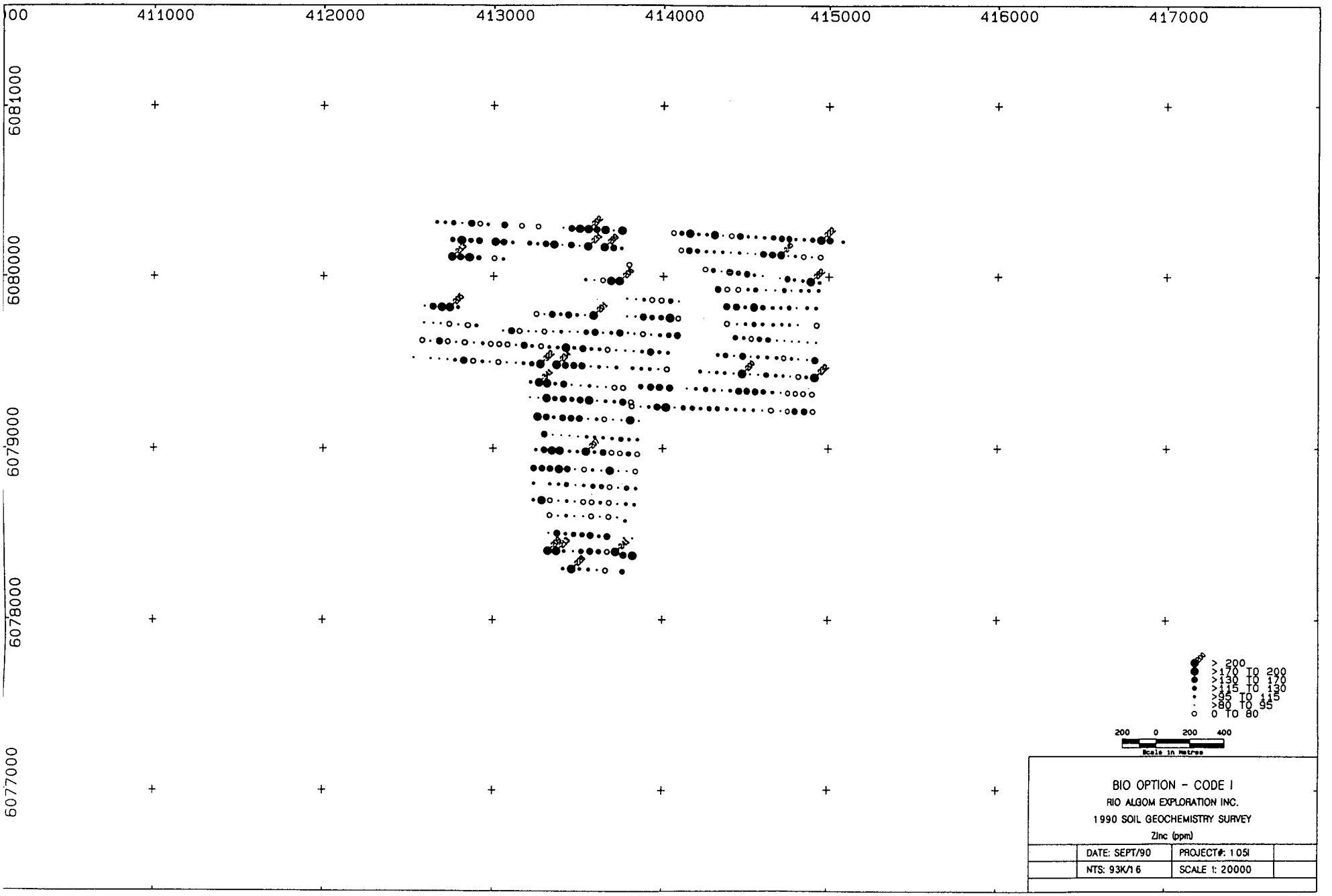

00
411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 19
>16 TO 19
>14 TO 16
>12 TO 14
>10 TO 12
>9 TO 10
0 TO 9
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Cobalt (ppm)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

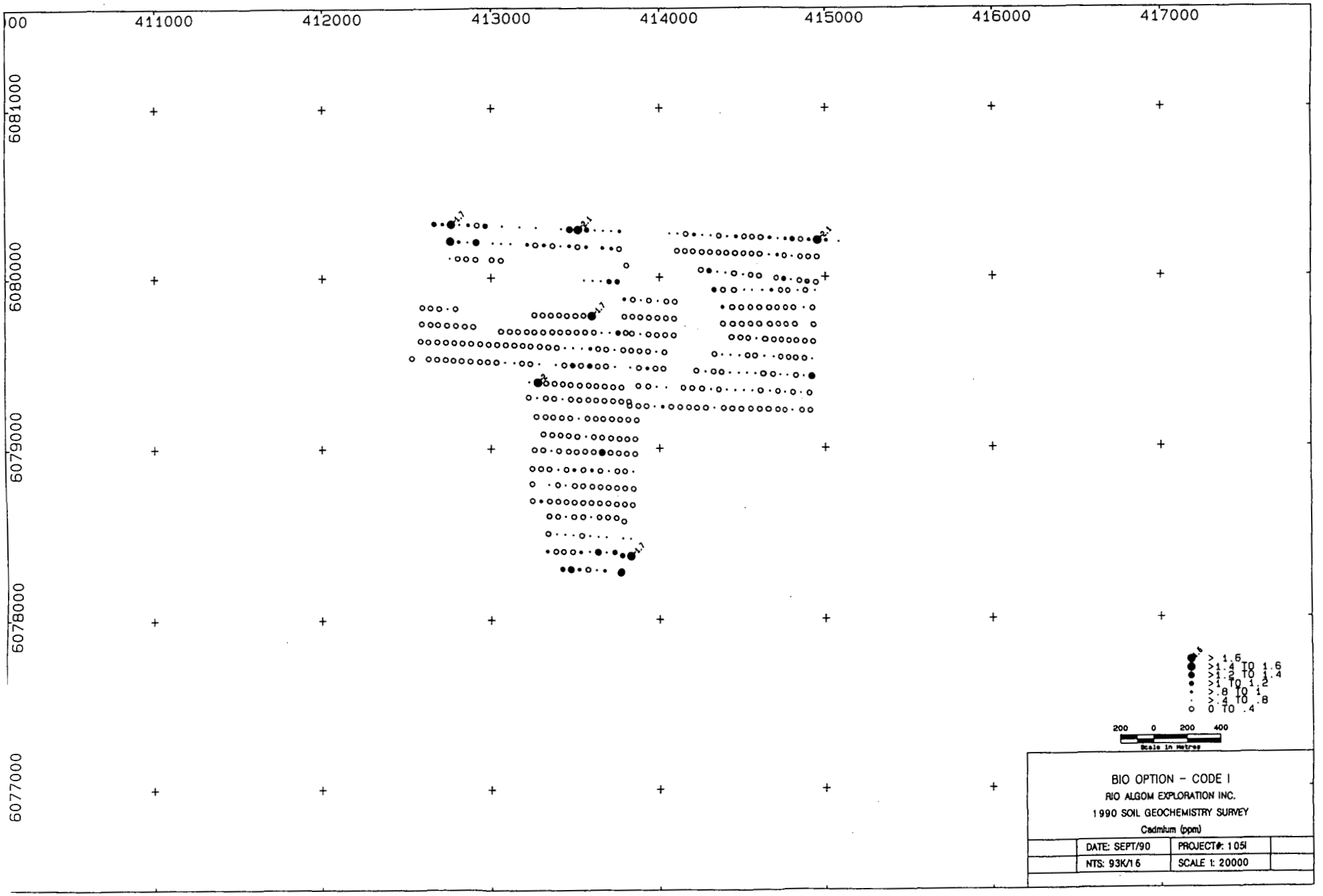

411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
>1000
>700 TO 1000
>550 TO 700
>450 TO 550
>375 TO 450
>300 TO 375
0 TO 300
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Manganese (ppm)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

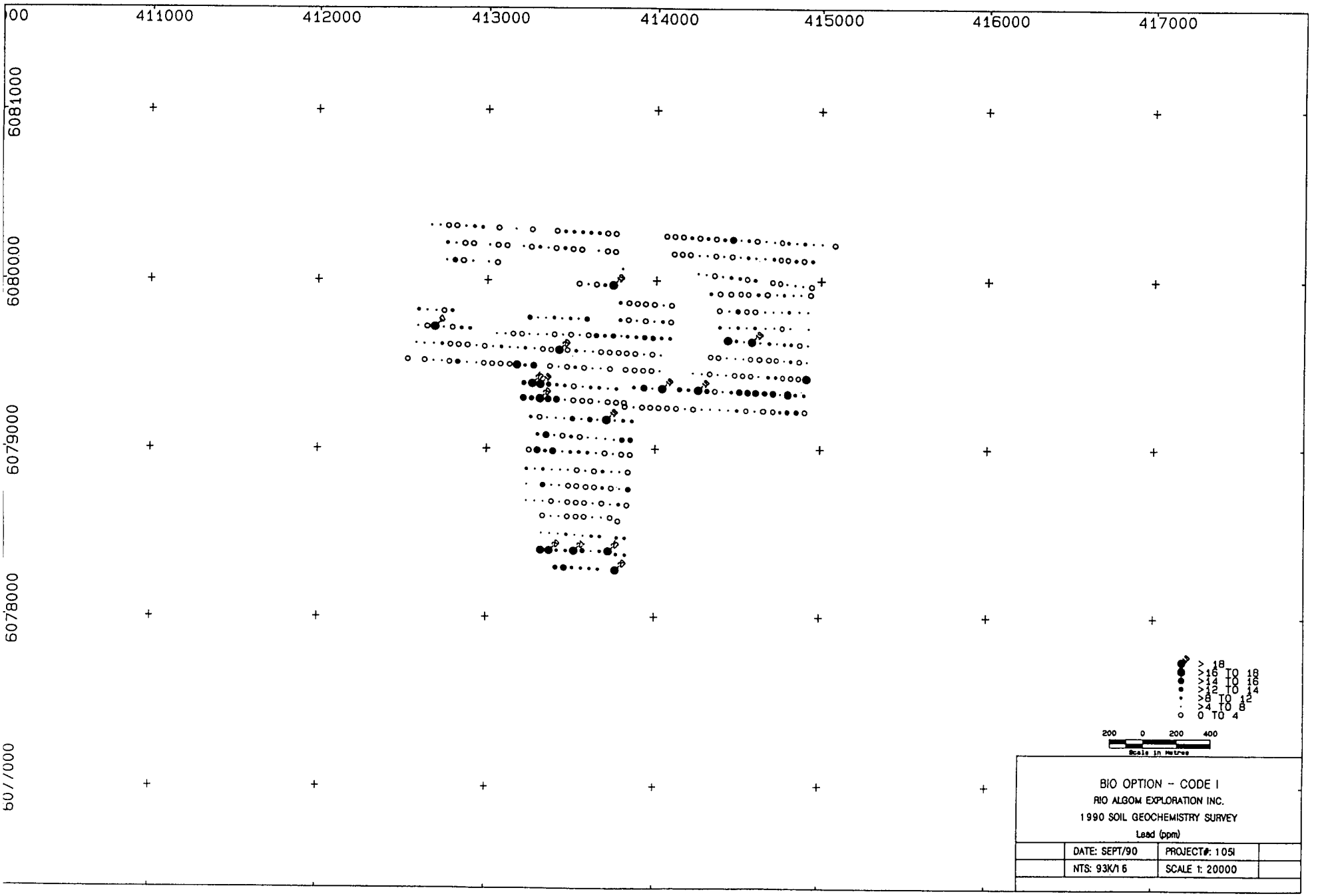

411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 4.5
3.6 TO 4.5
2.8 TO 3.6
2.4 TO 2.8
0 TO 2.4
200 0 200 400
Scale in metres
BIO OPTION – CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Iron (%)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

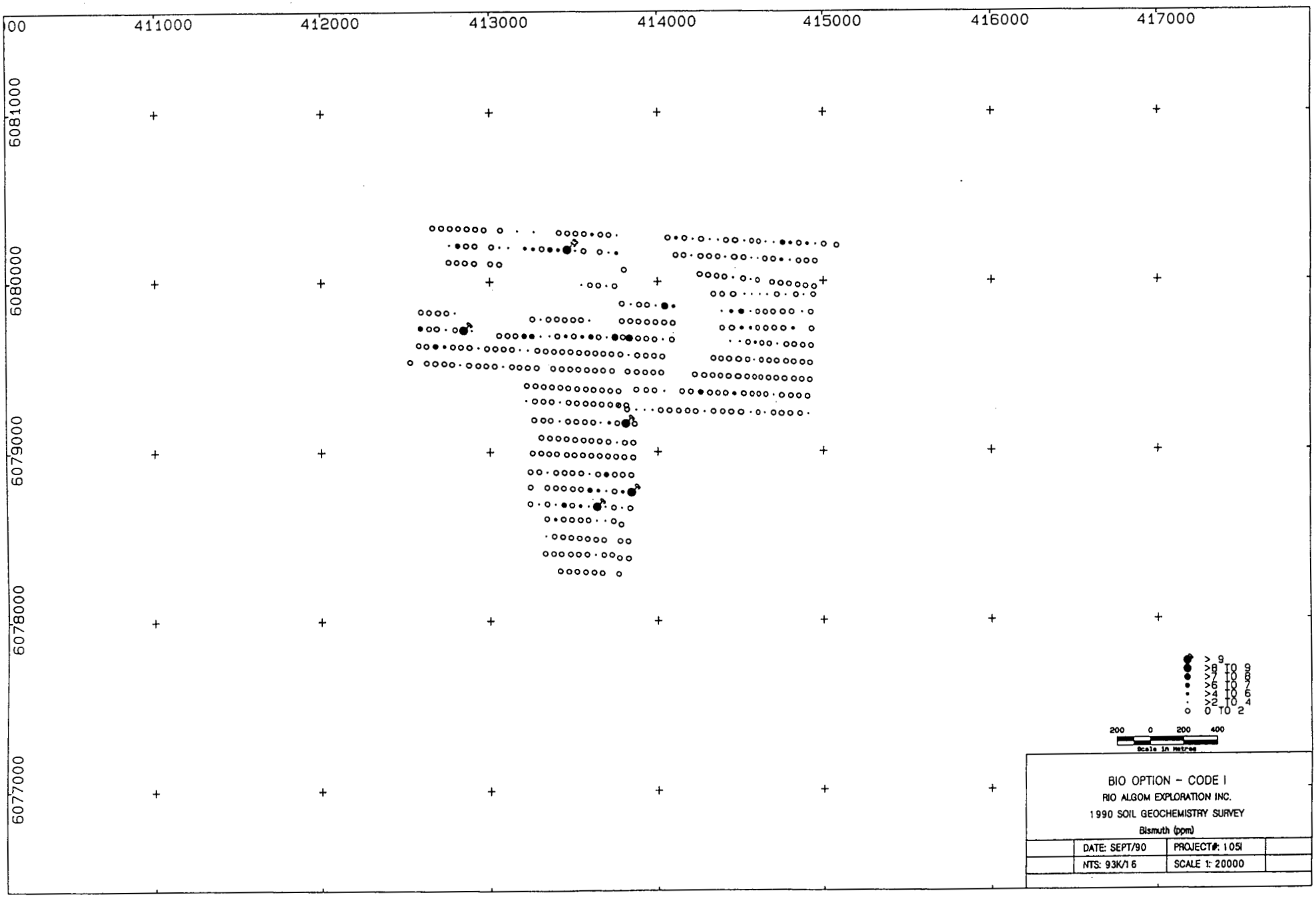

411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 9
> 8 TO 9
> 7 TO 8
> 6 TO 7
> 4 TO 6
> 2 TO 4
0 TO 2
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Tungsten (ppm)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

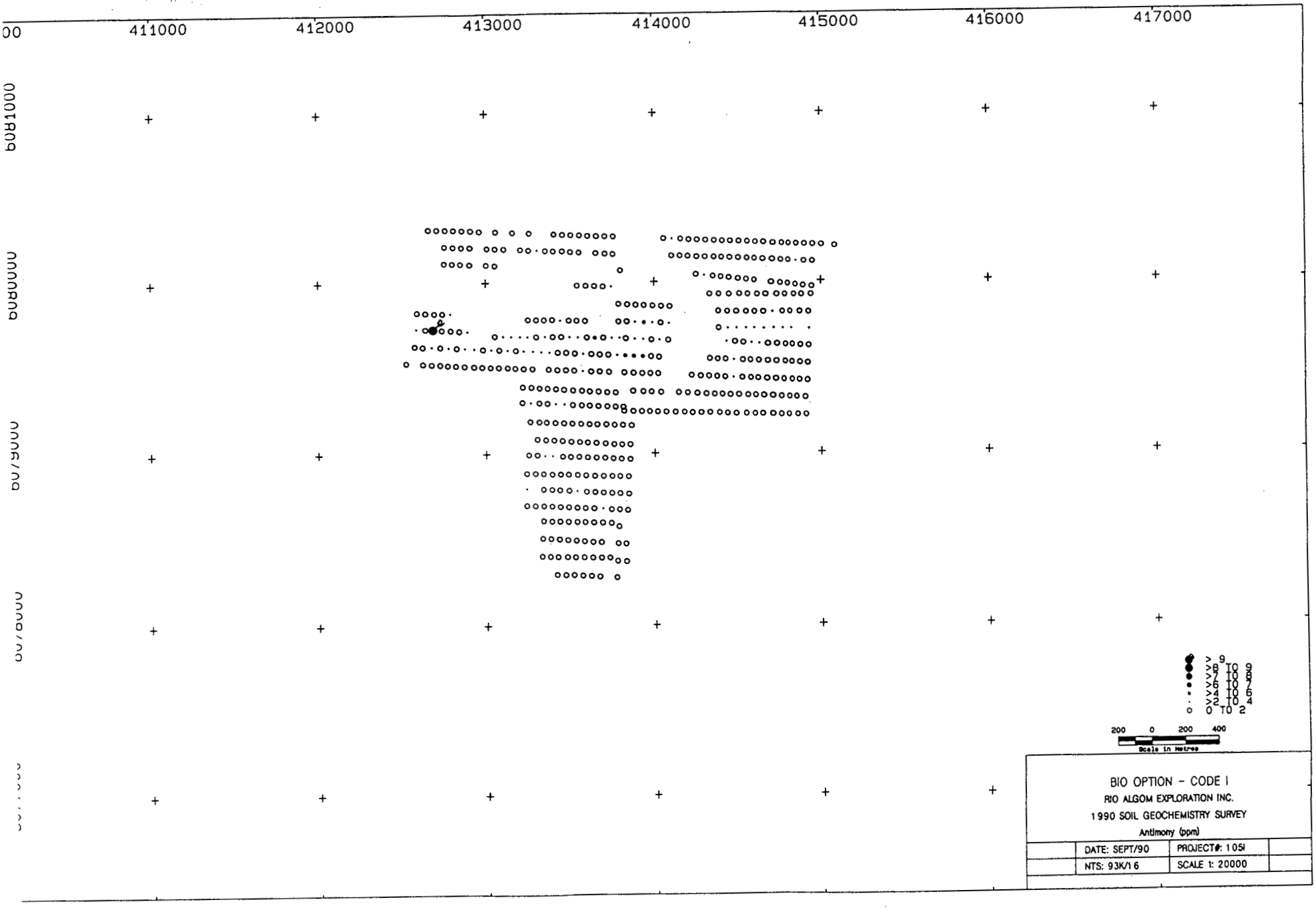

411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
>9
>8 TO 9
>7 TO 8
>6 TO 7
>5 TO 6
>4 TO 5
>2 TO 4
0 TO 2
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Molybdenum (ppm)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

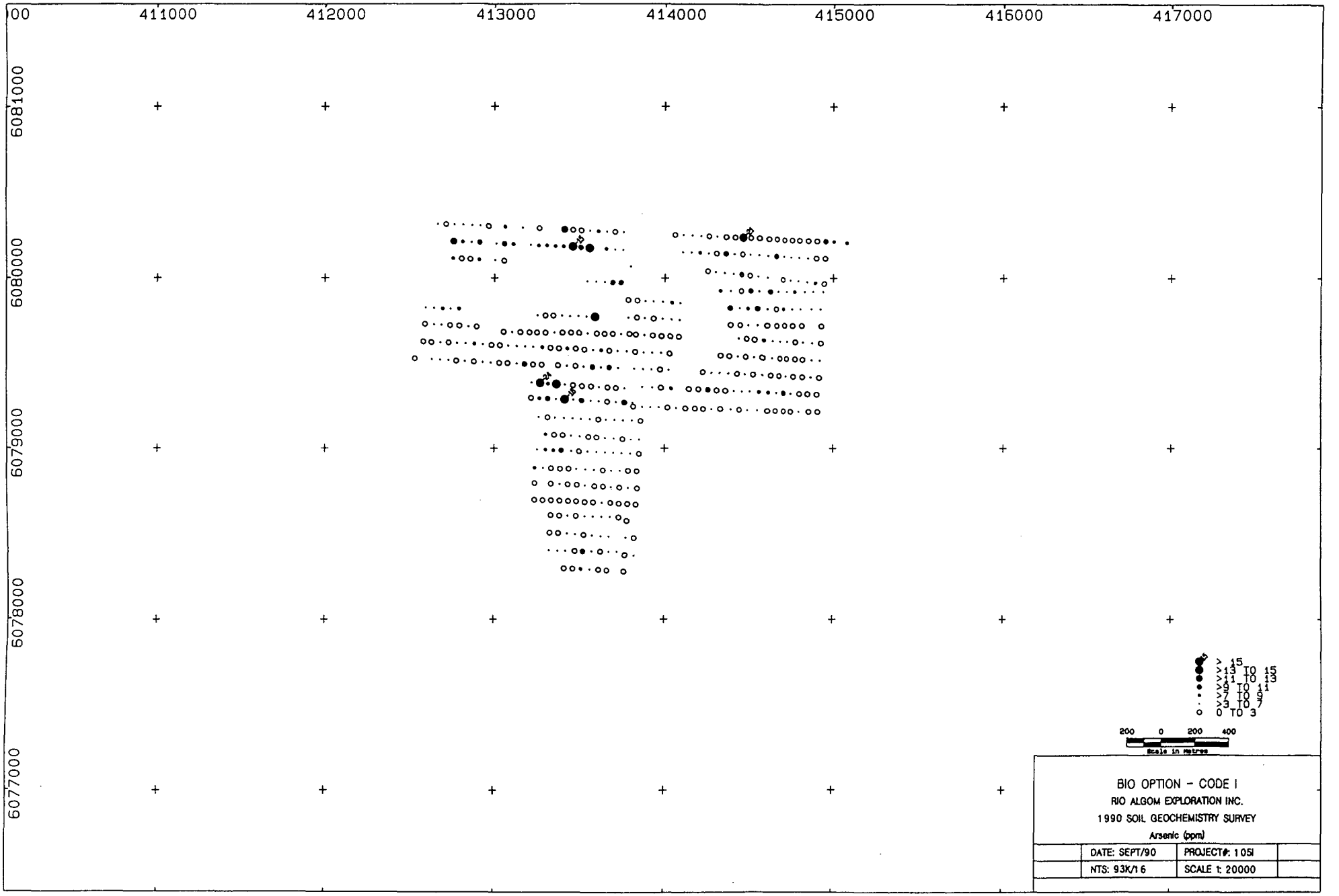

00
411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 200
>170 TO 200
>130 TO 170
>115 TO 130
>95 TO 115
>80 TO 95
0 TO 80
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Zinc (ppm)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

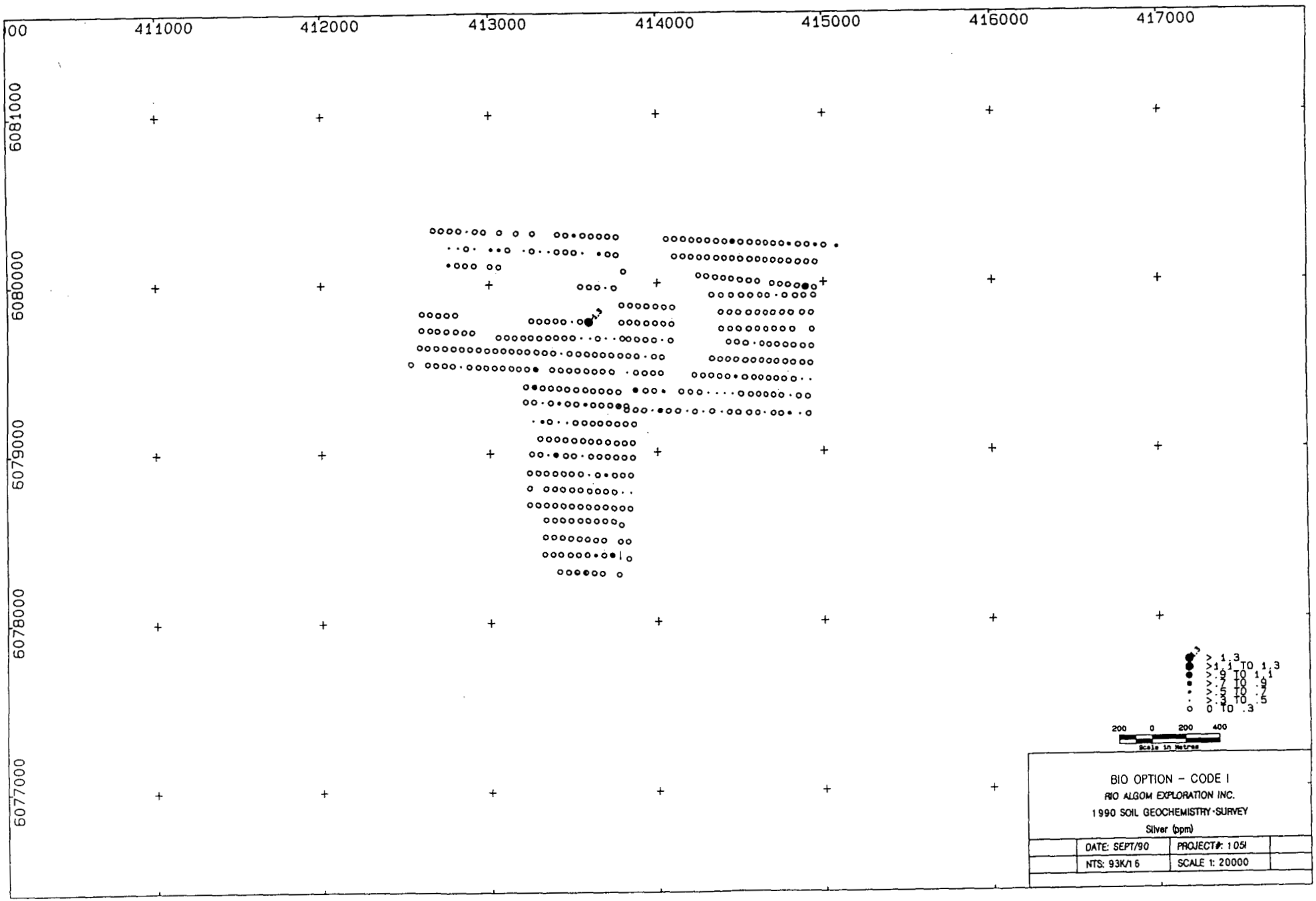

00
411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 1.6
>1.4 TO 1.6
>1.2 TO 1.4
>1 TO 1.2
>.8 TO 1
>.4 TO .8
0 TO .4
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Cadmium (ppm)
DATE: SEPT/90
PROJECT#: 105I
NTS: 93K/16
SCALE 1: 20000

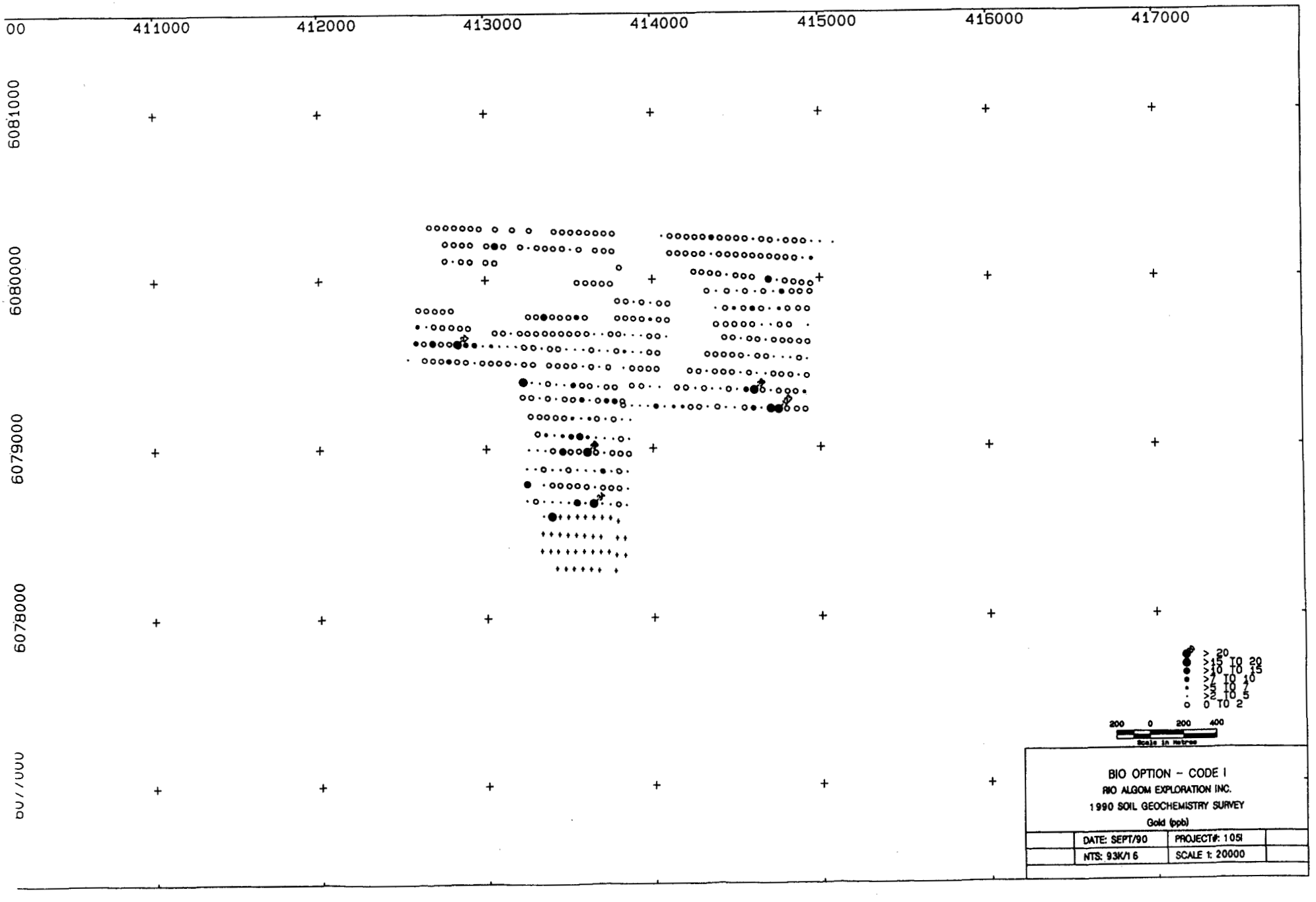

411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
>18
>16 TO 18
>14 TO 16
>12 TO 14
>8 TO 12
>4 TO 8
0 TO 4
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Lead (ppm)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

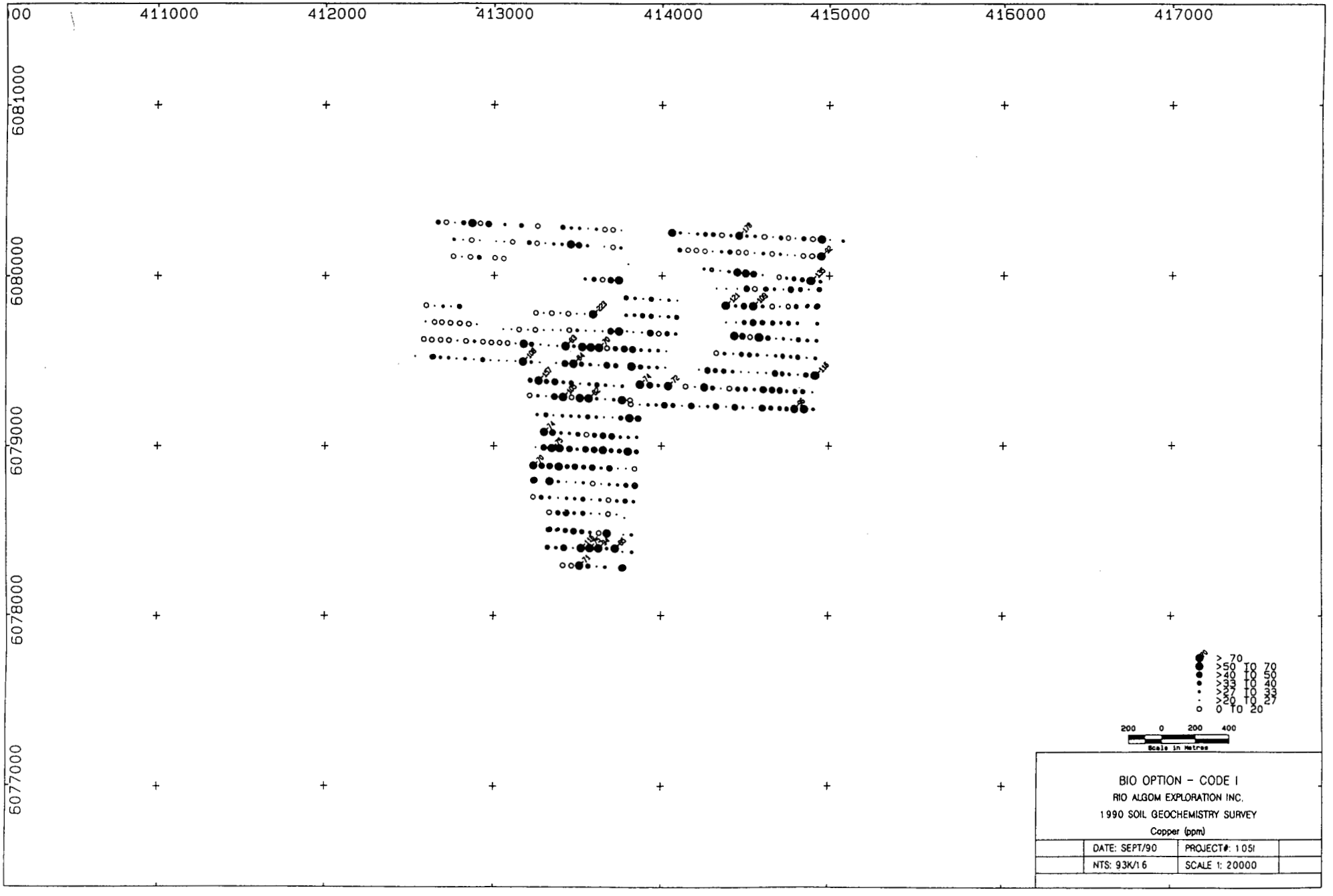

00
411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 9
>8 TO 9
>7 TO 8
>6 TO 7
>4 TO 6
>2 TO 4
0 TO 2
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Bismuth (ppm)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

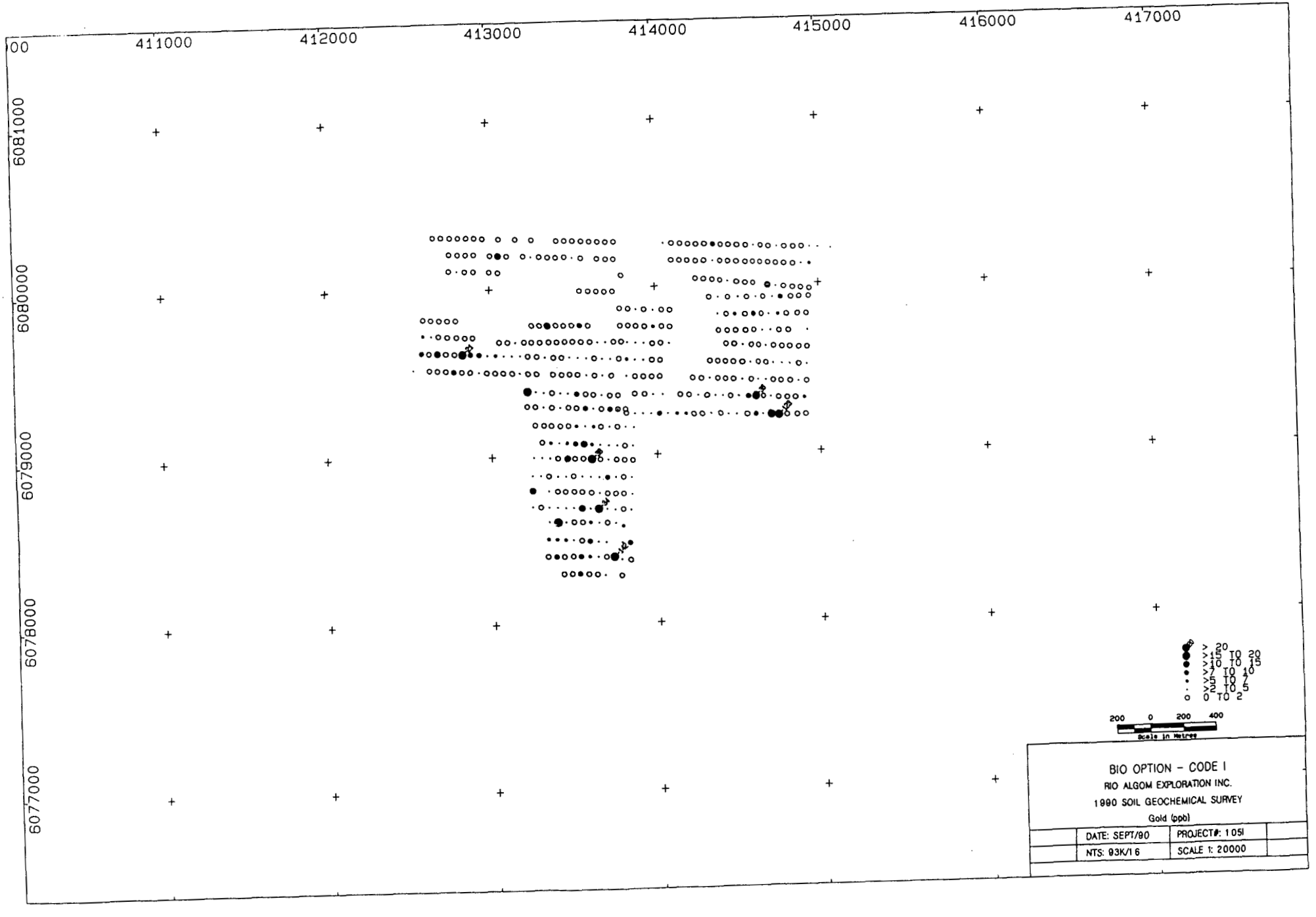

411000
412000
413000
414000
415000
416000
417000
> 9
>8 TO 9
>7 TO 8
>6 TO 7
>4 TO 6
>2 TO 4
0 TO 2
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Antimony (ppm)
DATE: SEPT/90
PROJECT#: 105I
NTS: 93K/16
SCALE 1: 20000

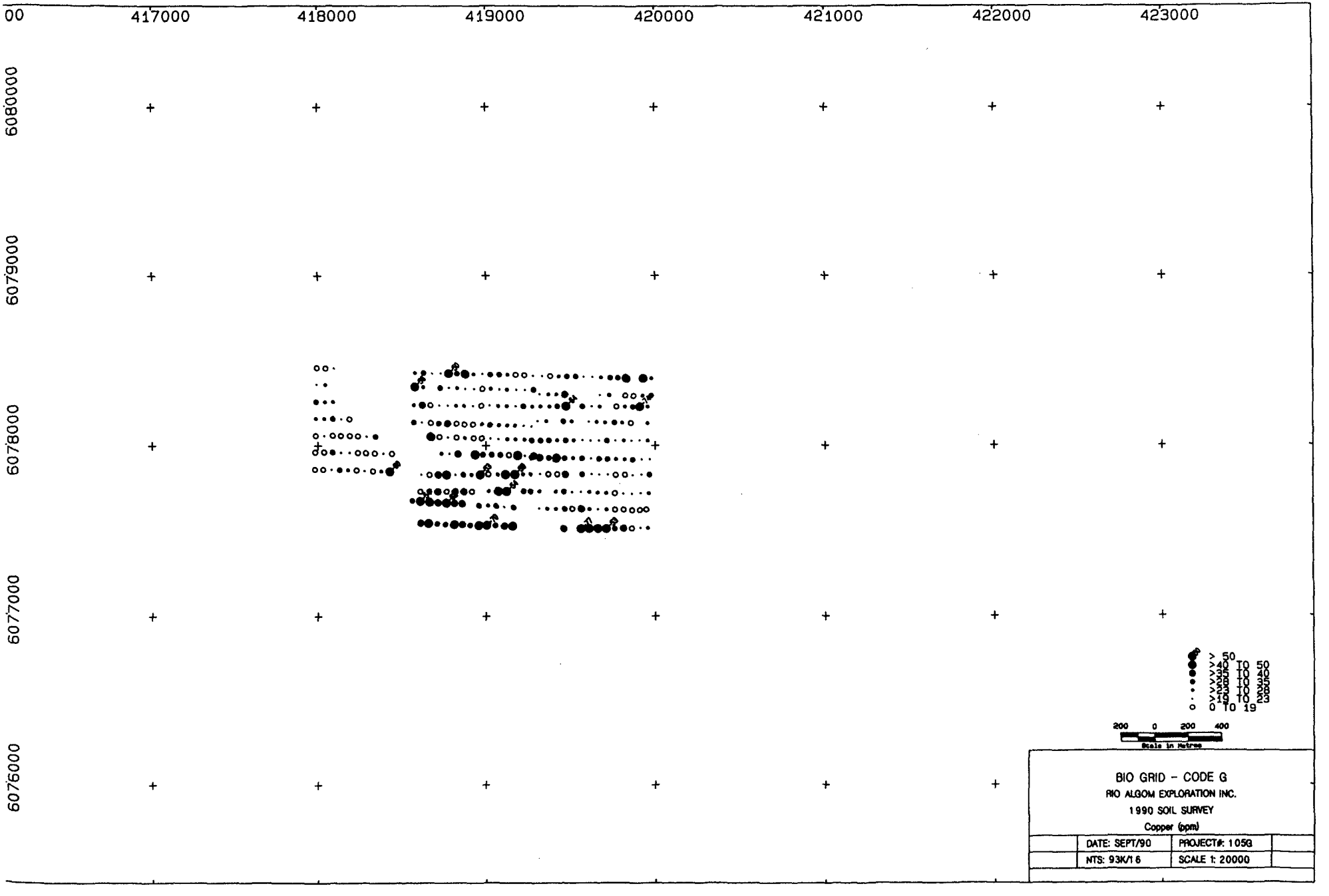

00
411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 15
>13 TO 15
>11 TO 13
>9 TO 11
>7 TO 9
>3 TO 7
0 TO 3
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Arsenic (ppm)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

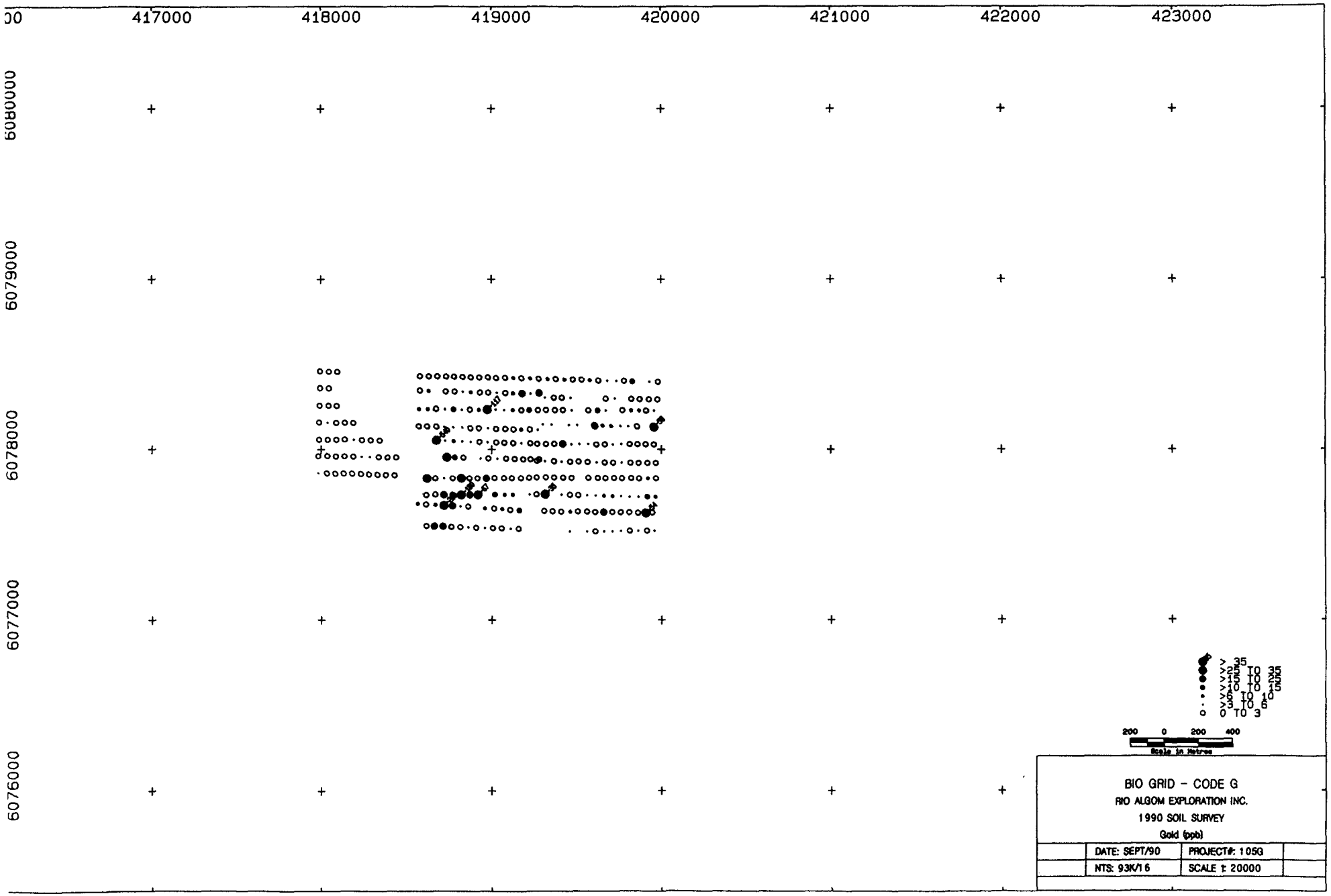

411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 1.3
1.1 TO 1.3
.9 TO 1.1
.7 TO .9
.5 TO .7
.3 TO .5
0 TO .3
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Silver (ppm)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

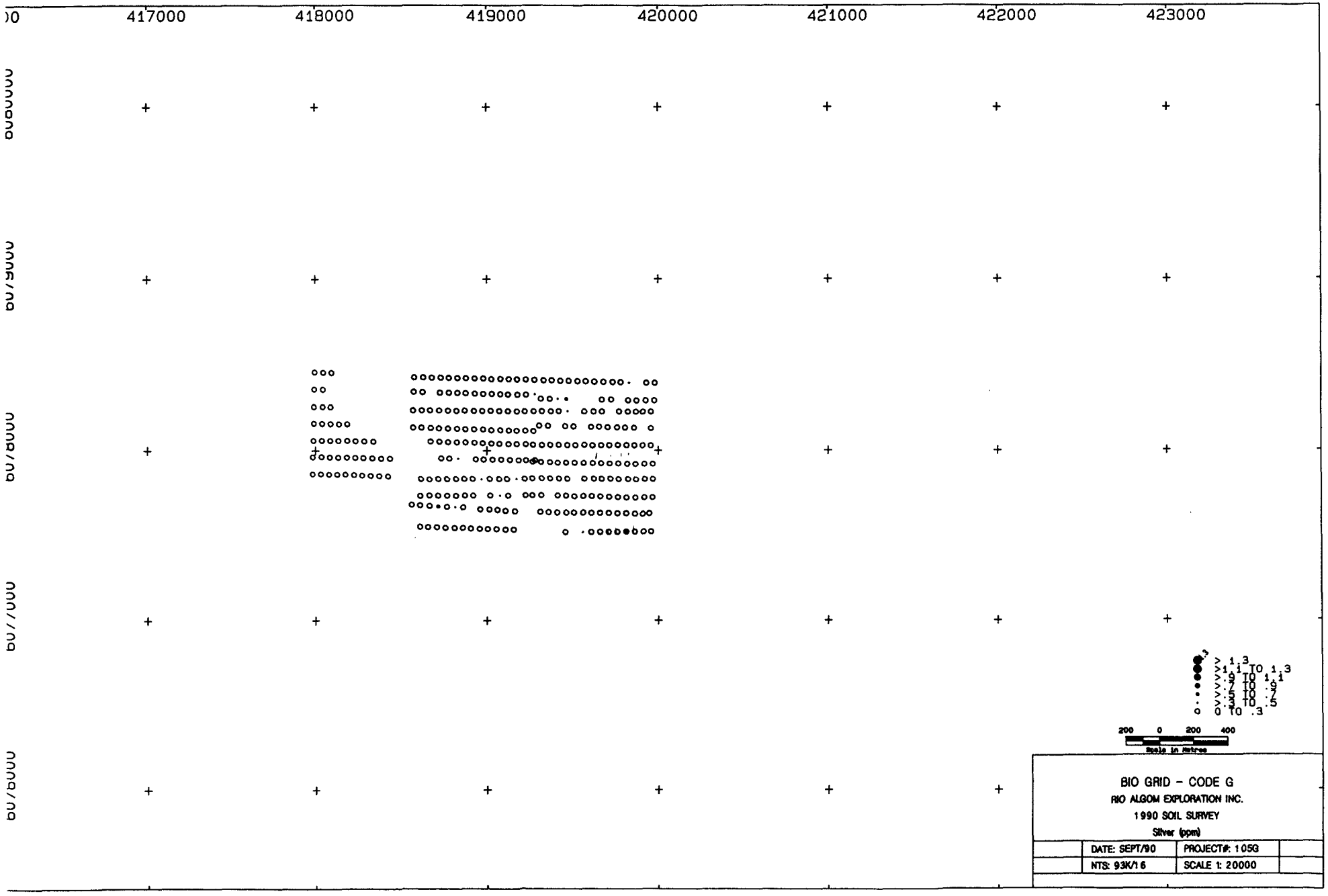

00
411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
>= 20
15 TO 20
10 TO 15
7 TO 10
5 TO 7
2 TO 5
0 TO 2
200 0 200 400
Scale in metres
BIO OPTION - CODE I
BIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Gold (ppb)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

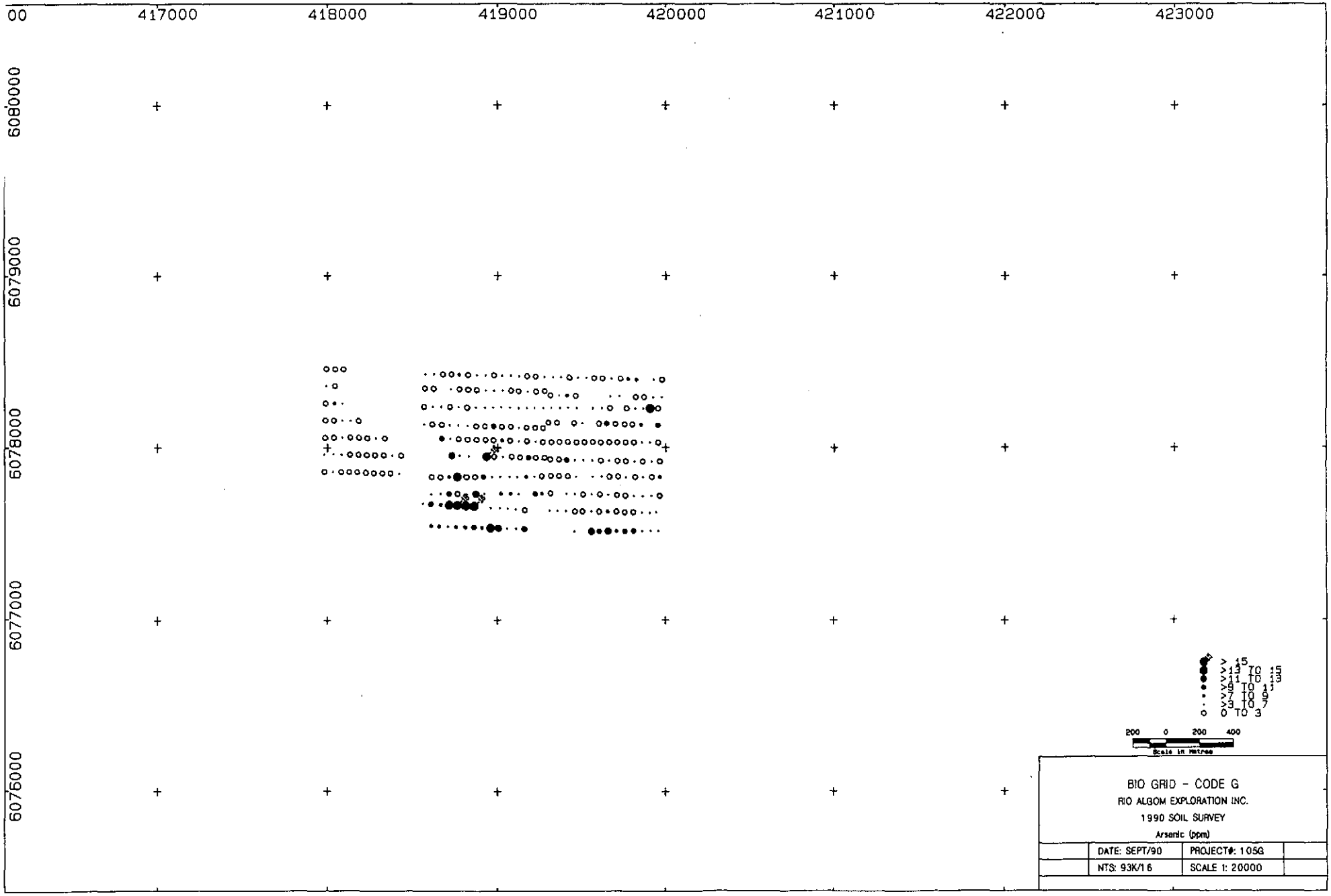

00
411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
> 70
>50 TO 70
>40 TO 50
>30 TO 40
>27 TO 30
>20 TO 27
0 TO 20
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMISTRY SURVEY
Copper (ppm)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

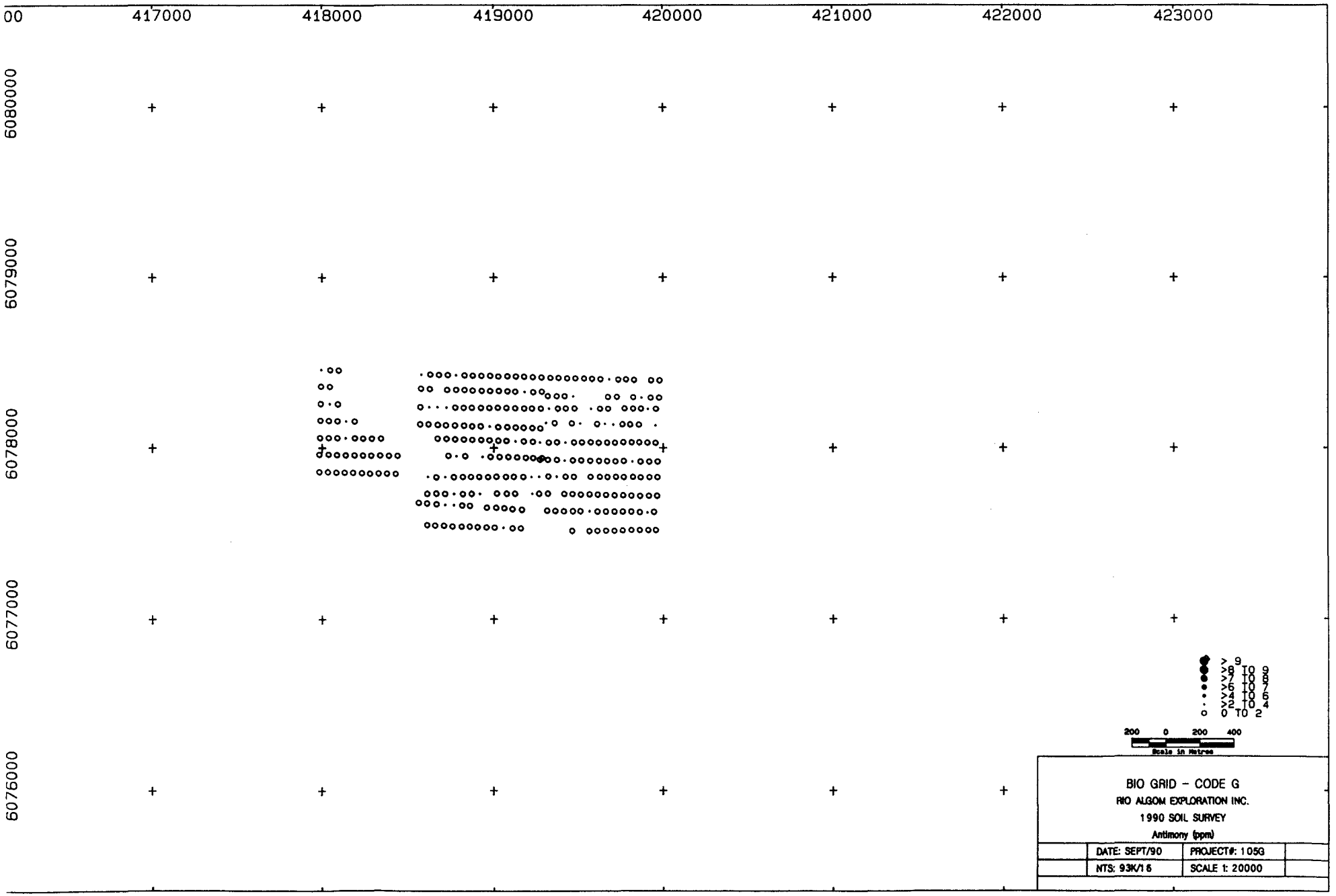

411000
412000
413000
414000
415000
416000
417000
6081000
6080000
6079000
6078000
6077000
>20
10 TO 20
5 TO 10
2 TO 5
0 TO 2
200 0 200 400
Scale in Metres
BIO OPTION - CODE I
RIO ALGOM EXPLORATION INC.
1990 SOIL GEOCHEMICAL SURVEY
Gold (ppb)
DATE: SEPT/90
PROJECT#: 1051
NTS: 93K/16
SCALE 1: 20000

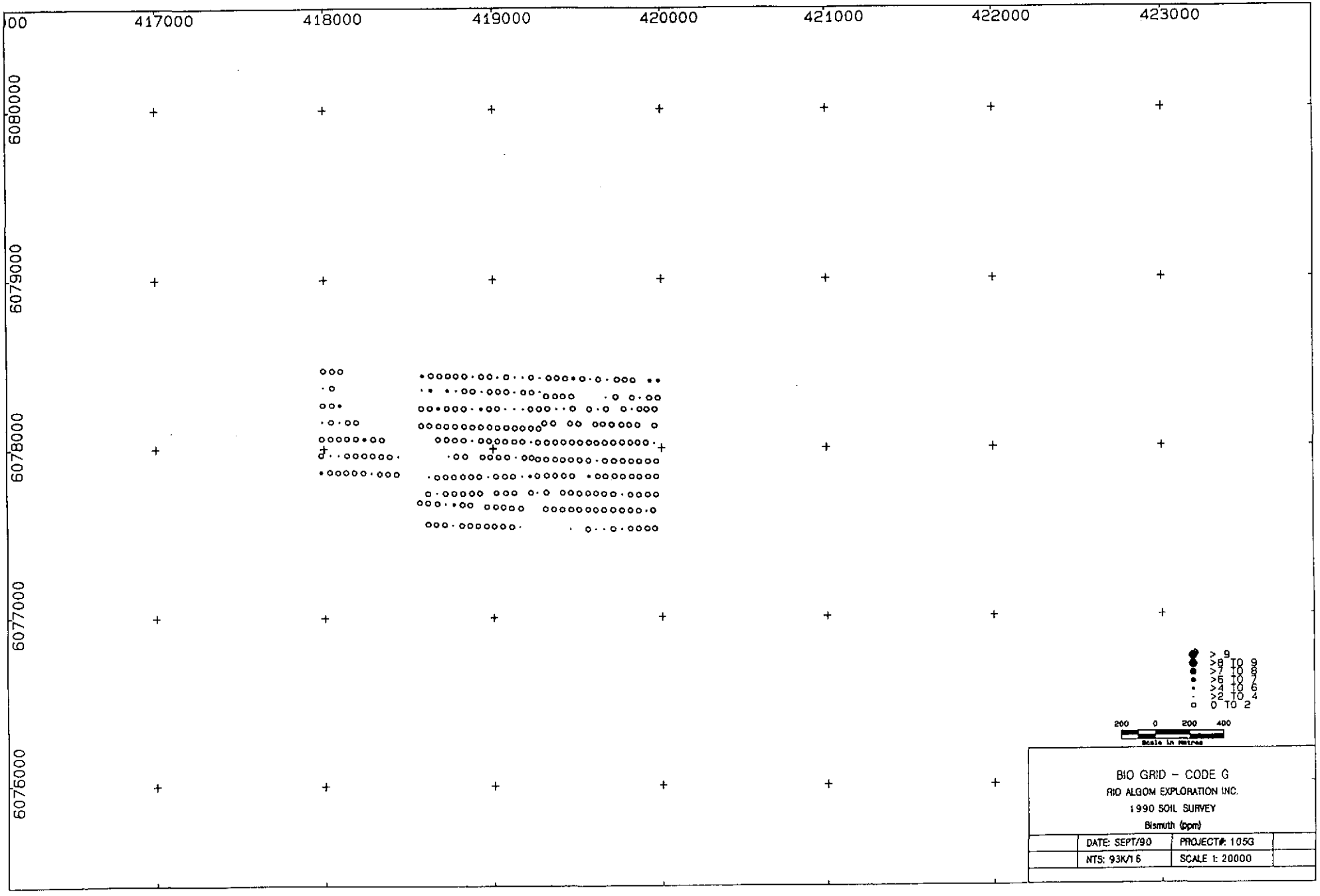

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 50
>40 TO 50
>35 TO 40
>28 TO 35
>23 TO 28
>19 TO 23
0 TO 19
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Copper (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

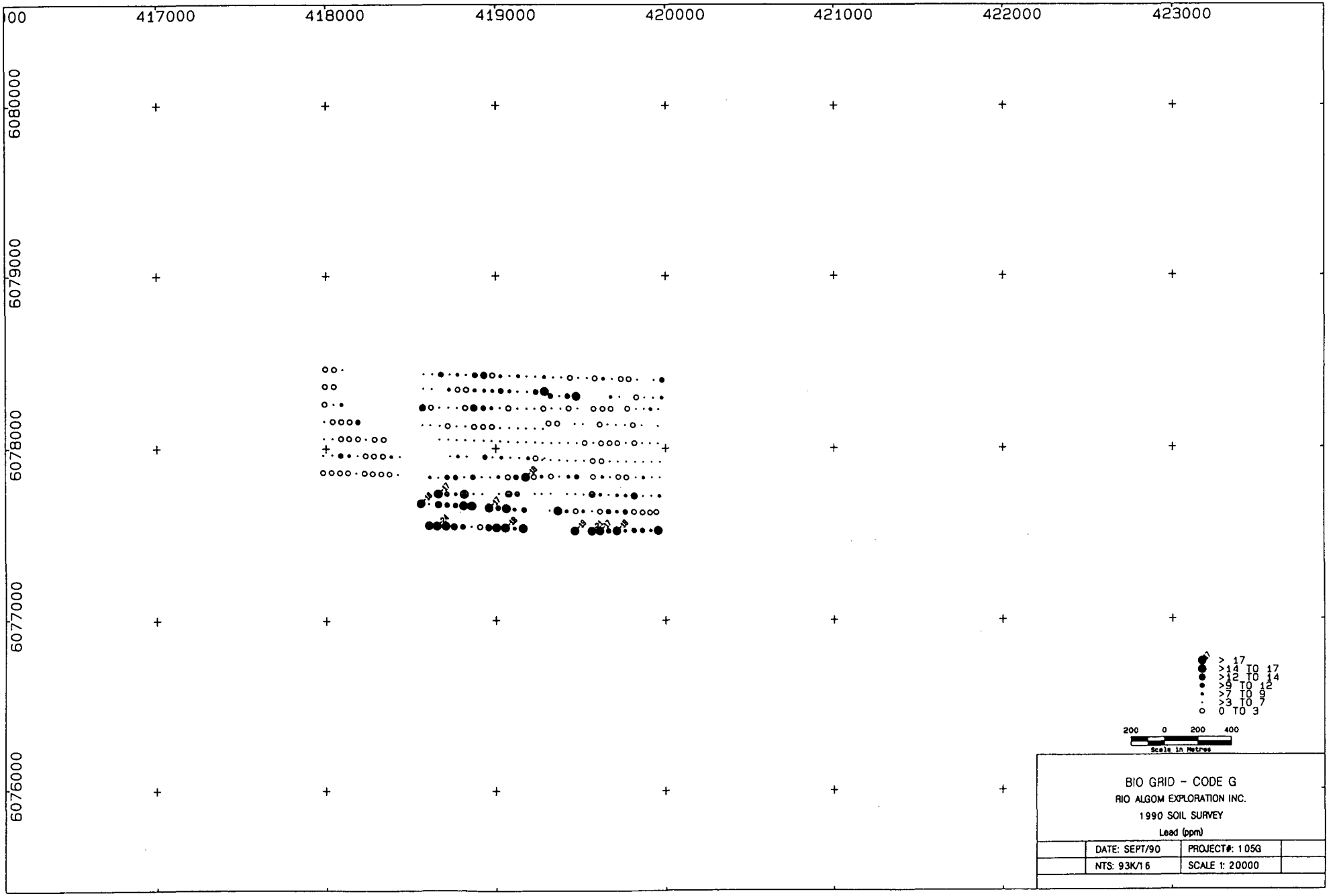

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
>35
>25 TO 35
>15 TO 25
>10 TO 15
>6 TO 10
>3 TO 6
0 TO 3
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Gold (ppb)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

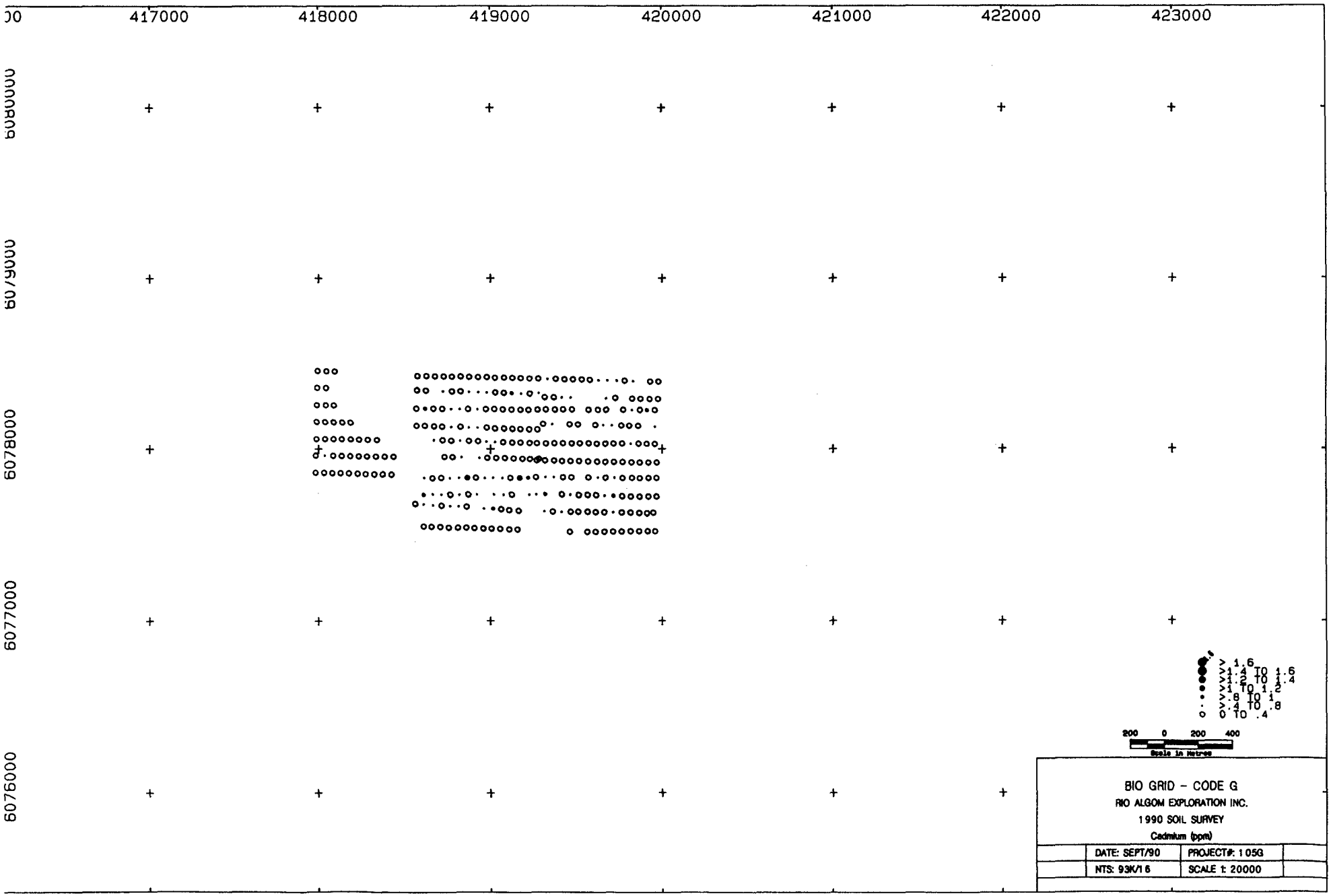

417000
418000
419000
420000
421000
422000
423000
> 1.3
>1.1 TO 1.3
>.9 TO 1.1
>.7 TO .9
>.5 TO .7
>.3 TO .5
0 TO .3
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Silver (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

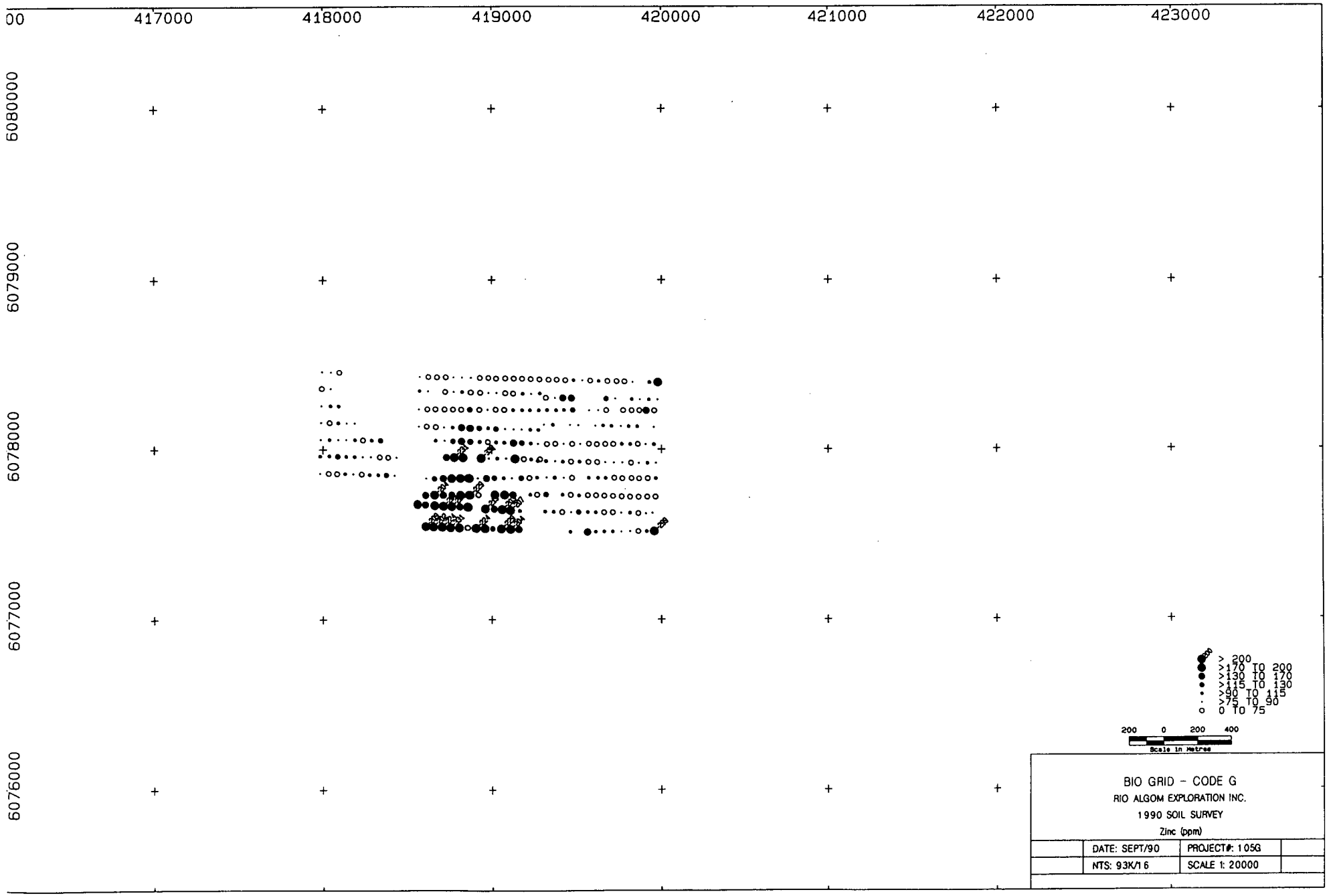

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 15
>13 TO 15
>11 TO 13
>9 TO 11
>7 TO 9
>3 TO 7
0 TO 3
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Arsenic (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

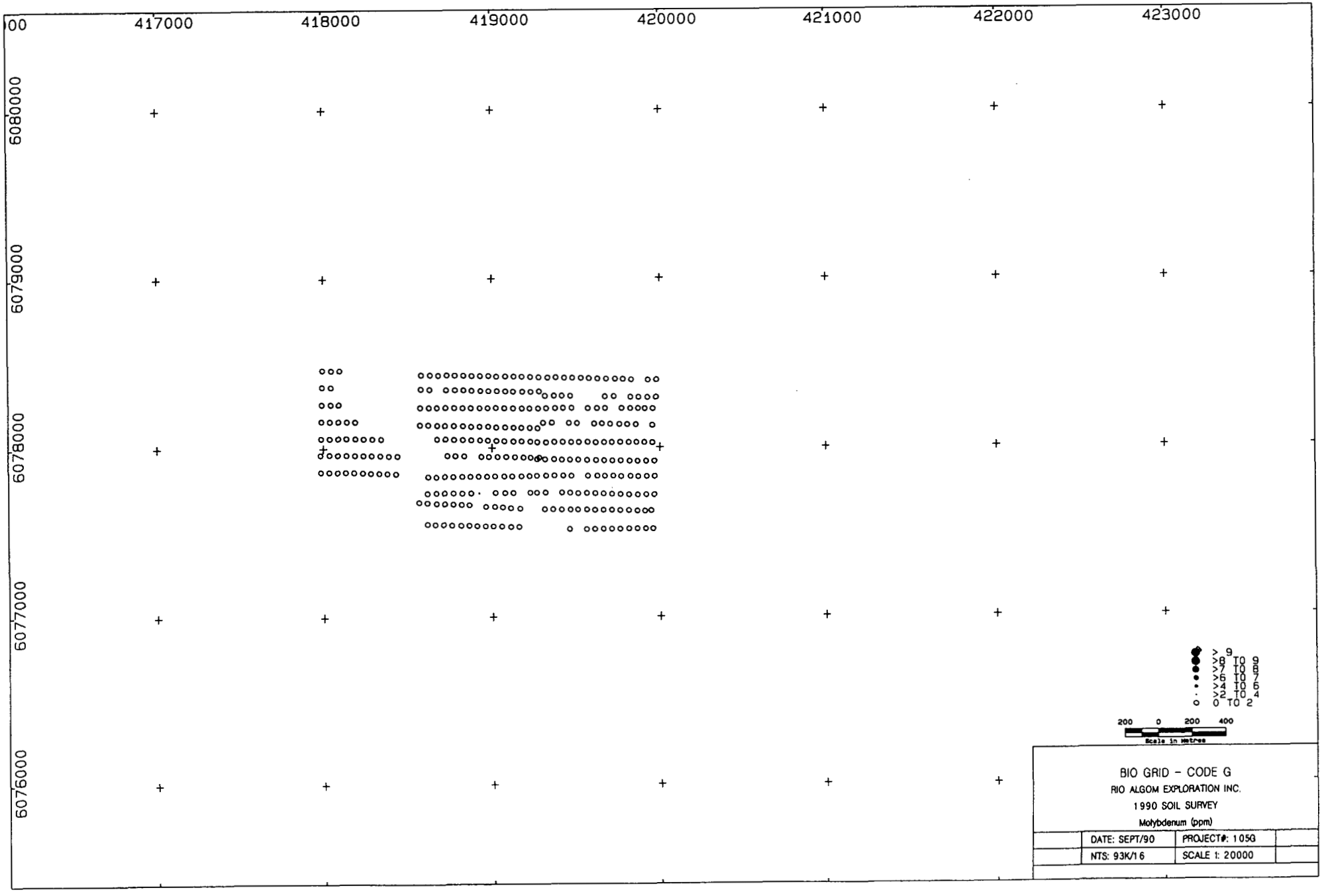

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 9
>8 TO 9
>7 TO 8
>6 TO 7
>5 TO 6
>4 TO 5
>3 TO 4
>2 TO 3
0 TO 2
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Antimony (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

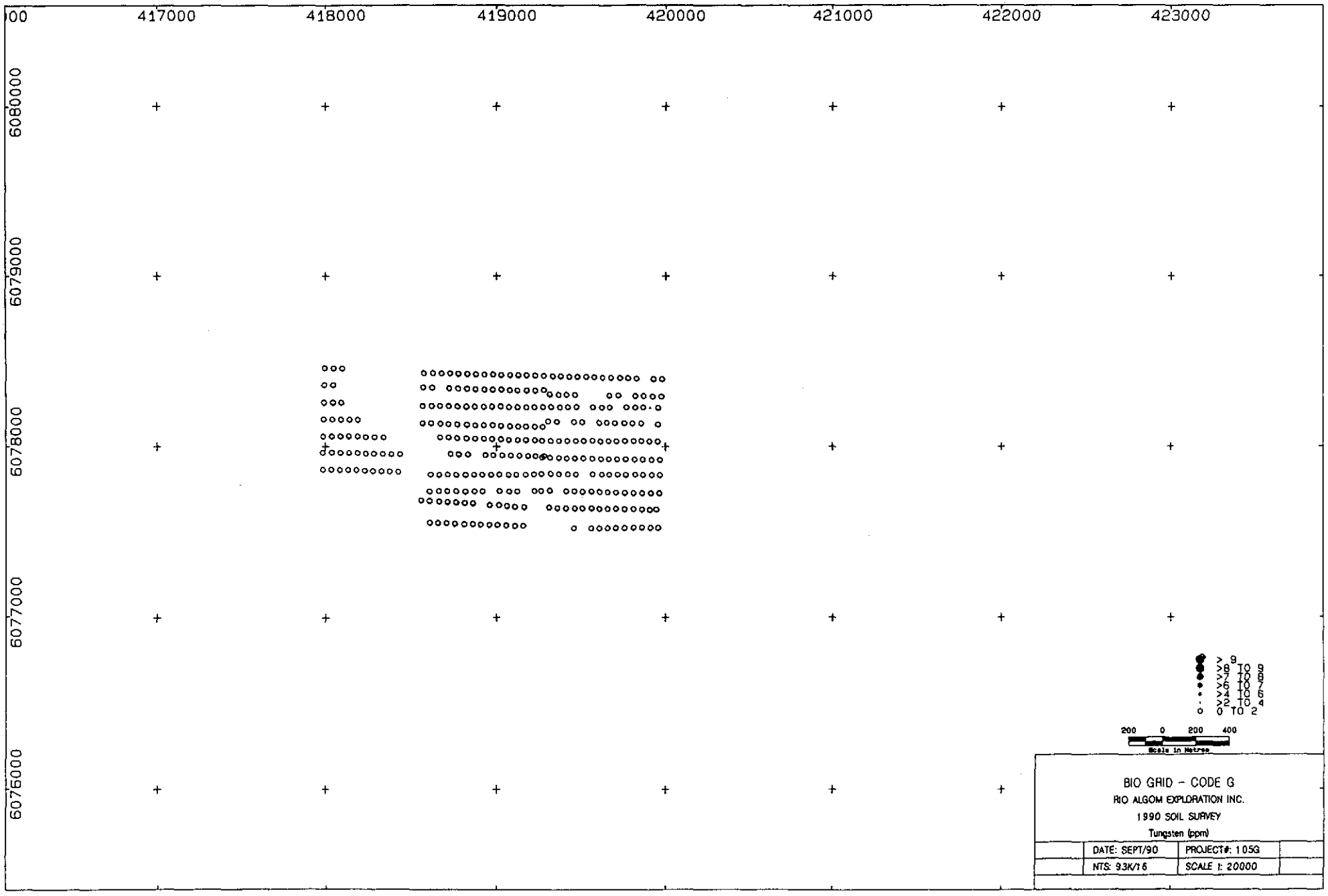

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
>9
>8 TO 9
>7 TO 8
>6 TO 7
>4 TO 6
>2 TO 4
0 TO 2
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Bismuth (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

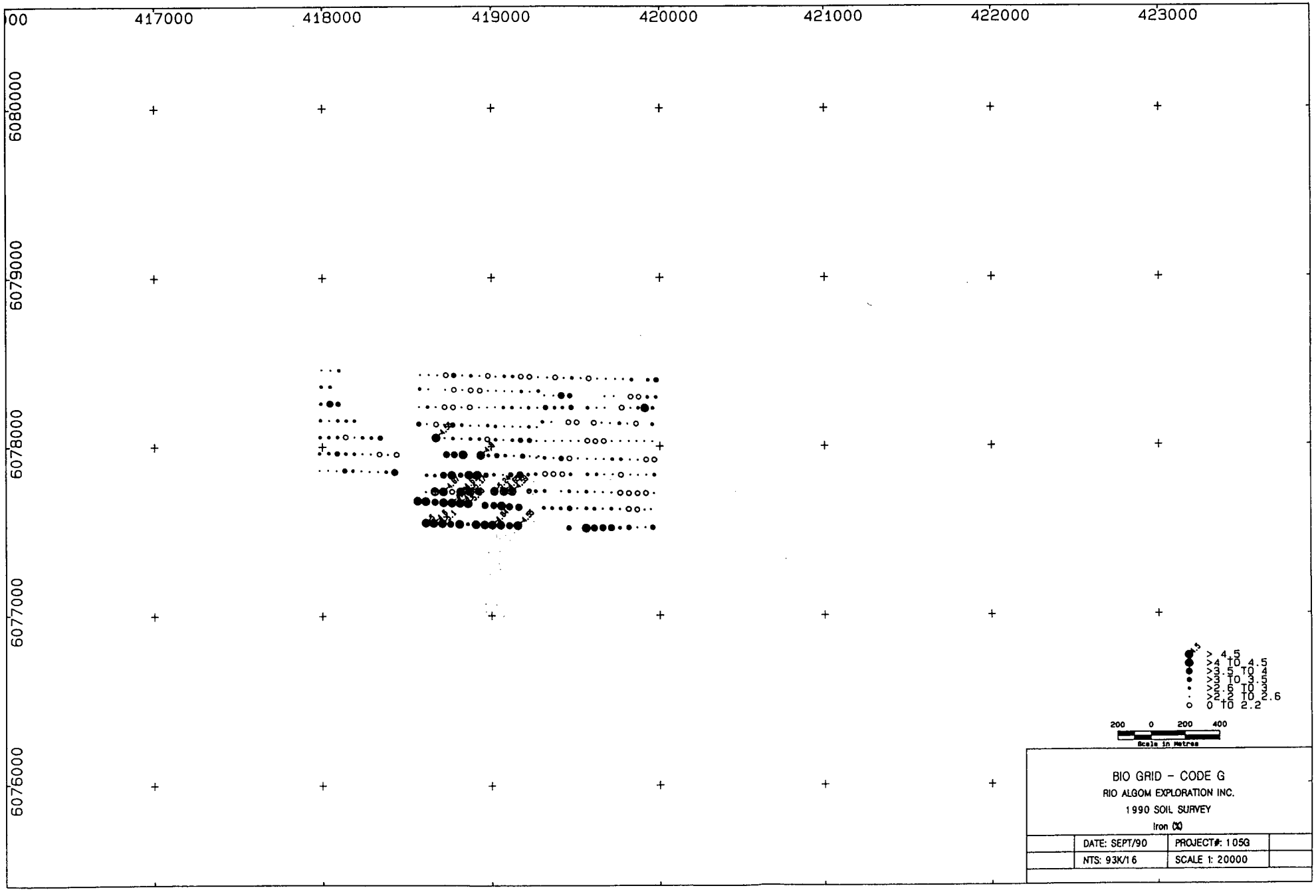

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 17
>14 TO 17
>12 TO 14
>9 TO 12
>7 TO 9
>3 TO 7
0 TO 3
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Lead (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

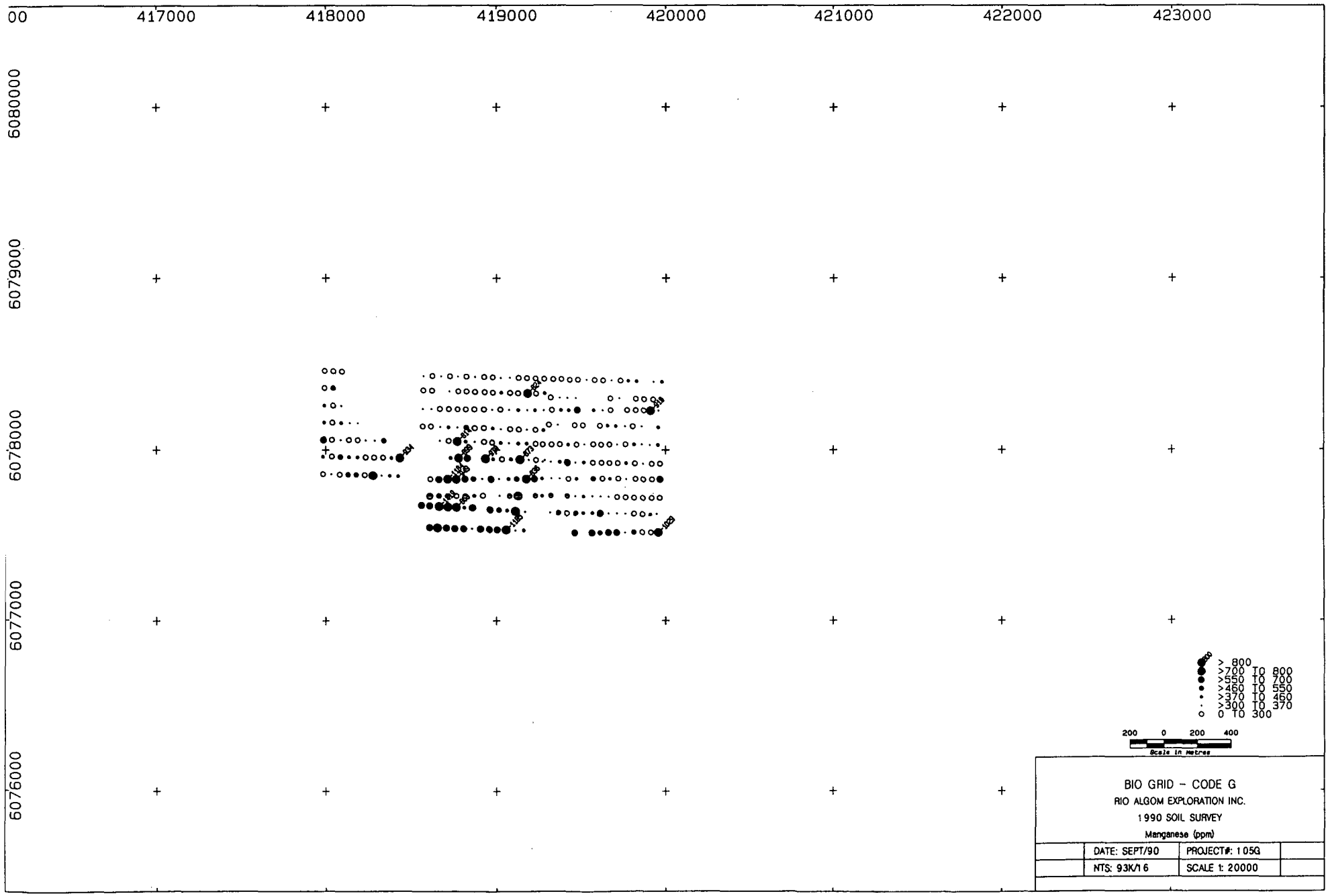

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 1.6
>1.4 TO 1.6
>1.2 TO 1.4
>1 TO 1.2
>.8 TO 1
>.4 TO .8
0 TO .4
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Cadmium (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

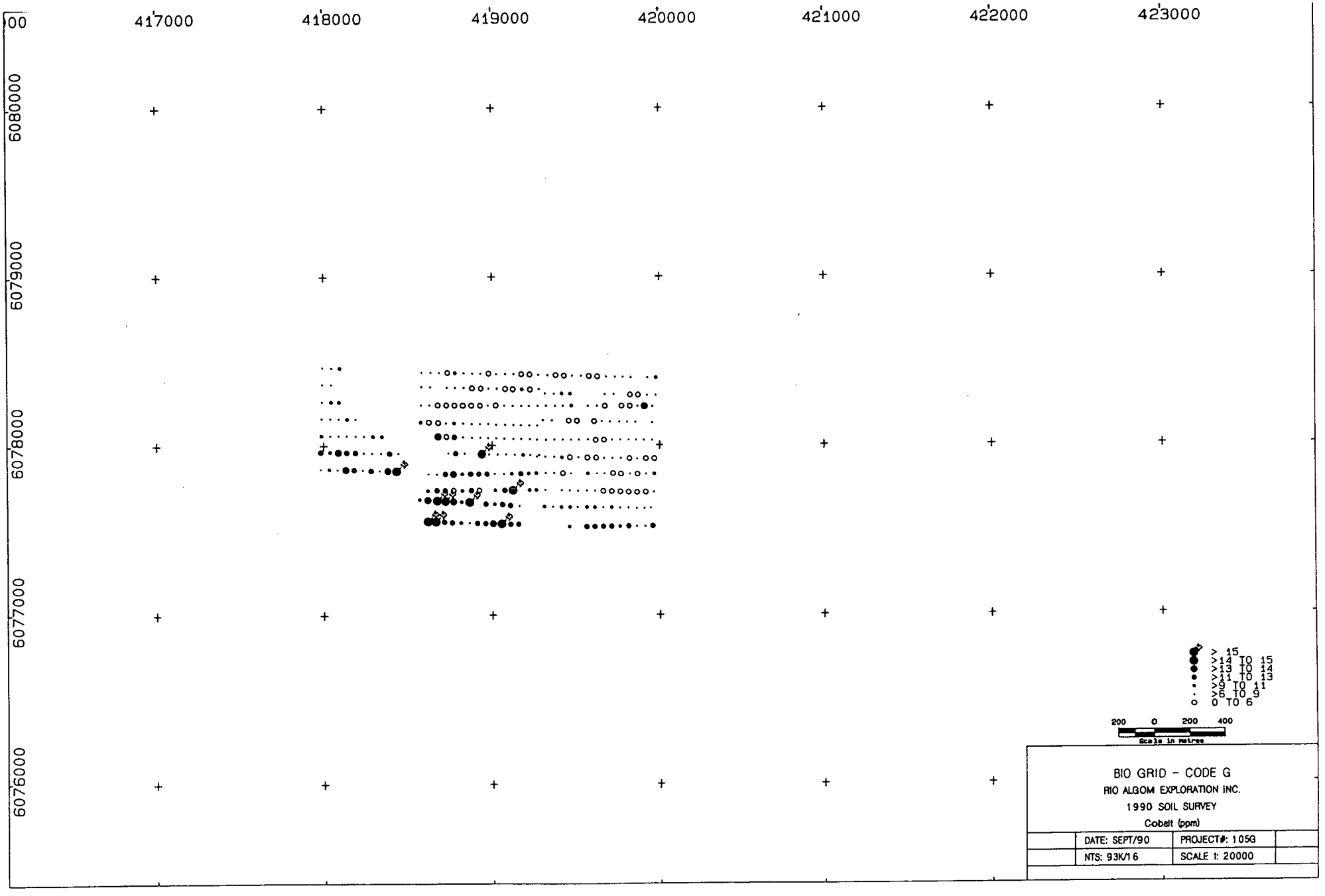

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 200
>170 TO 200
>130 TO 170
>115 TO 130
>90 TO 115
>75 TO 90
0 TO 75
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Zinc (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

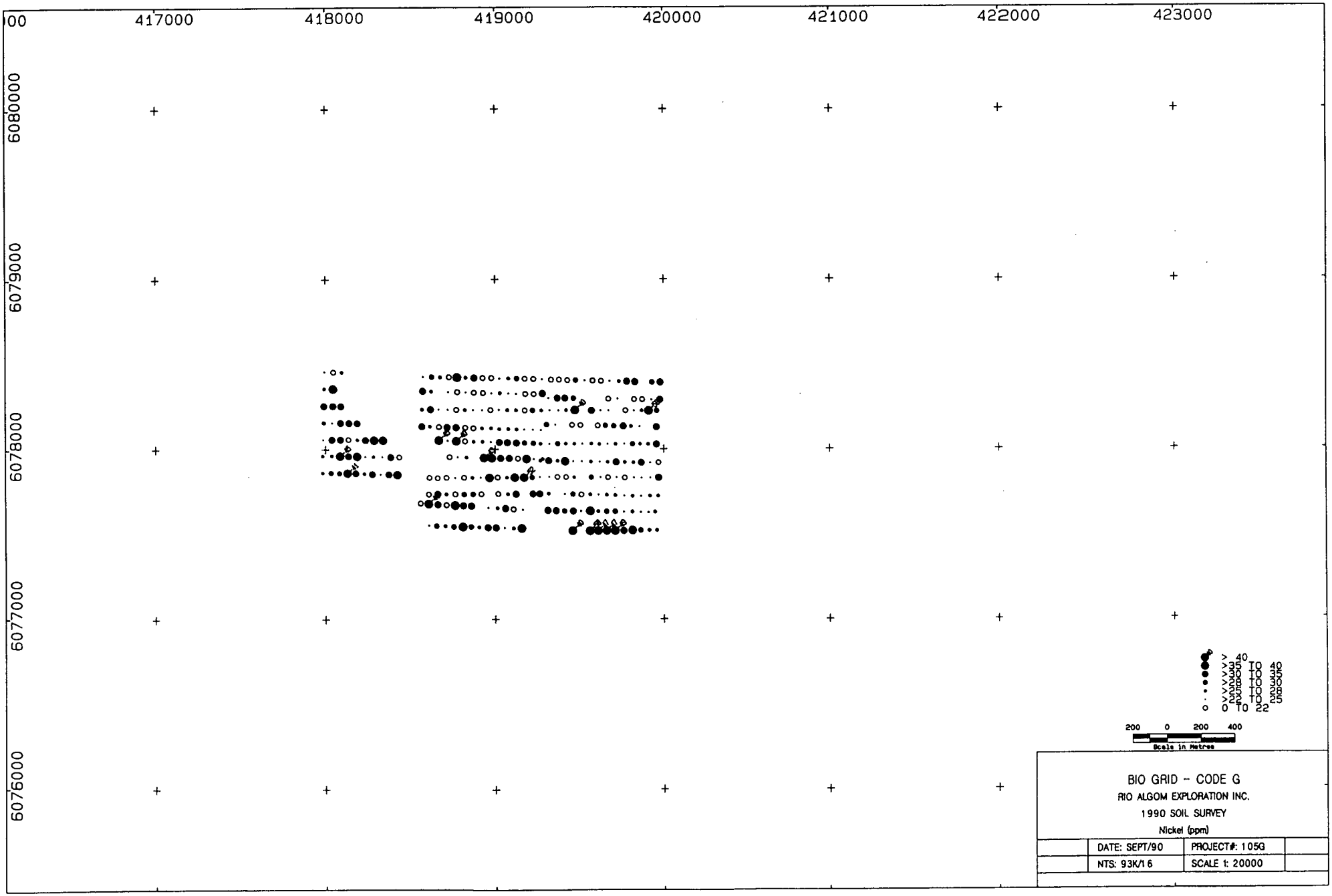

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 9
>8 TO 9
>7 TO 8
>6 TO 7
>4 TO 6
>2 TO 4
0 TO 2
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Molybdenum (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

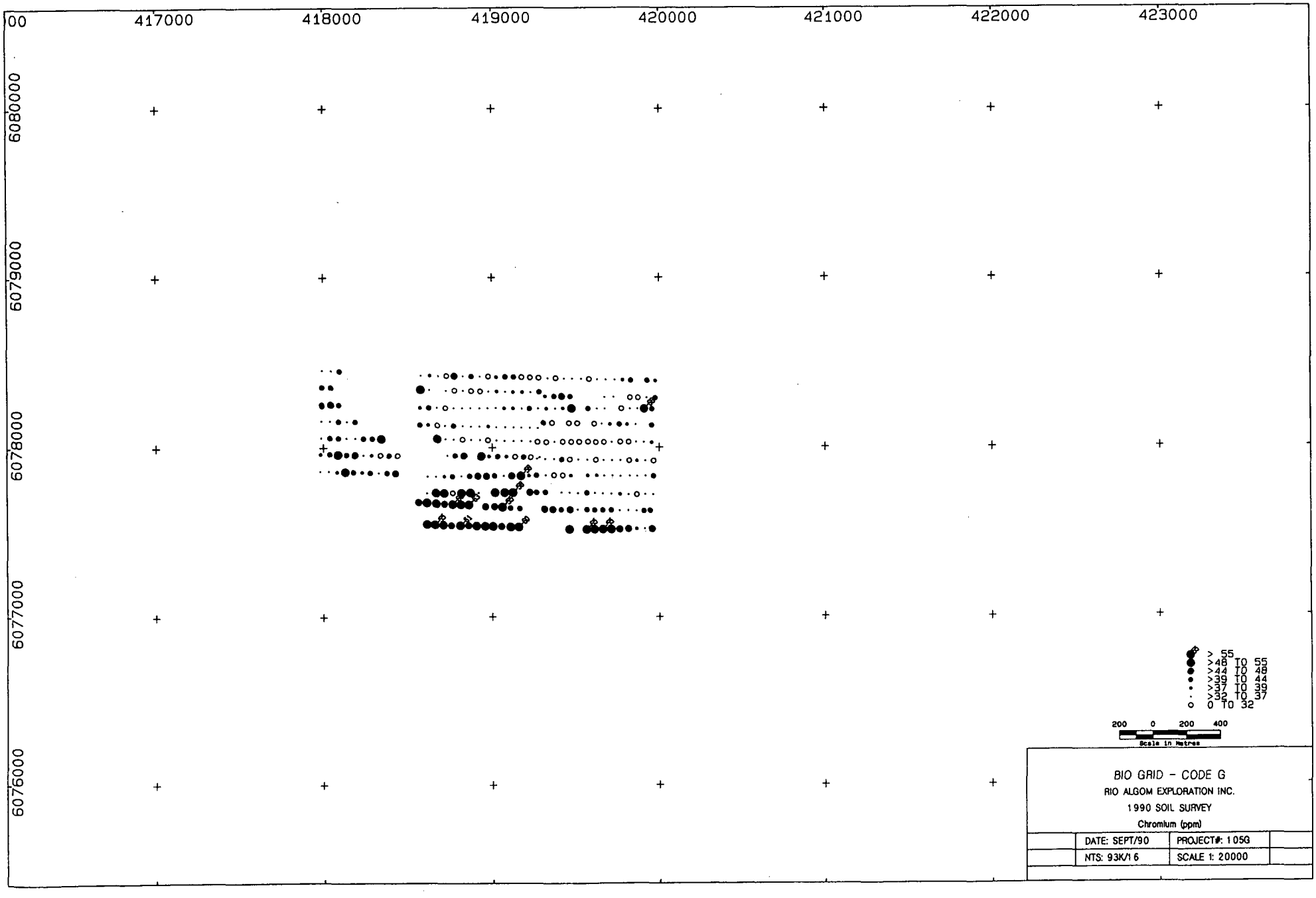

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 9
>8 TO 9
>7 TO 8
>6 TO 7
>4 TO 6
>2 TO 4
0 TO 2
200 0 200 400
Scale in Metres
BIO GRID - CODE G
BIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Tungsten (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

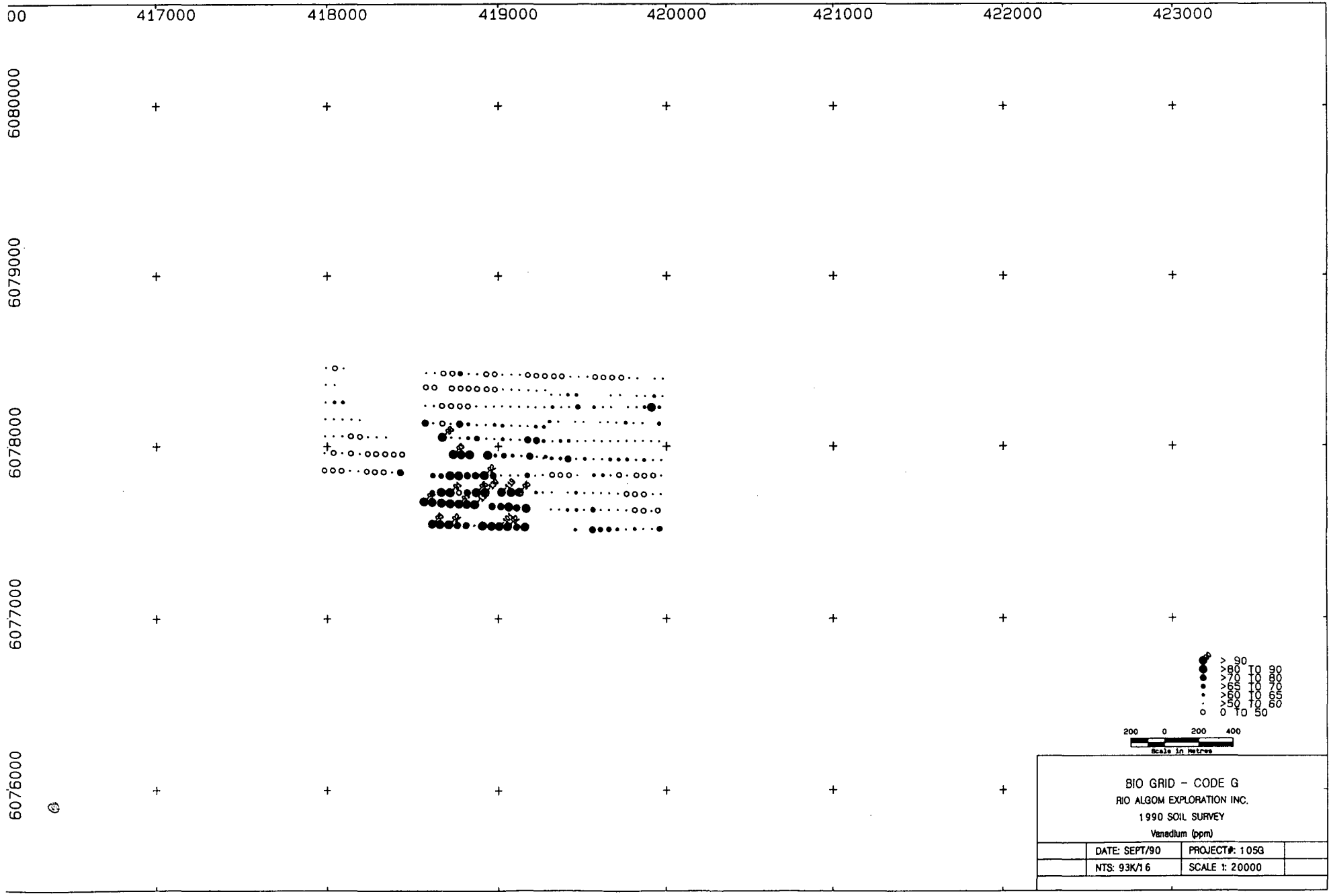

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
V 4.5
V 4 TO 4.5
V 3.5 TO 4
V 3 TO 3.5
V 2.6 TO 3
V 2 TO 2.6
0 TO 2.2
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Iron (%)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

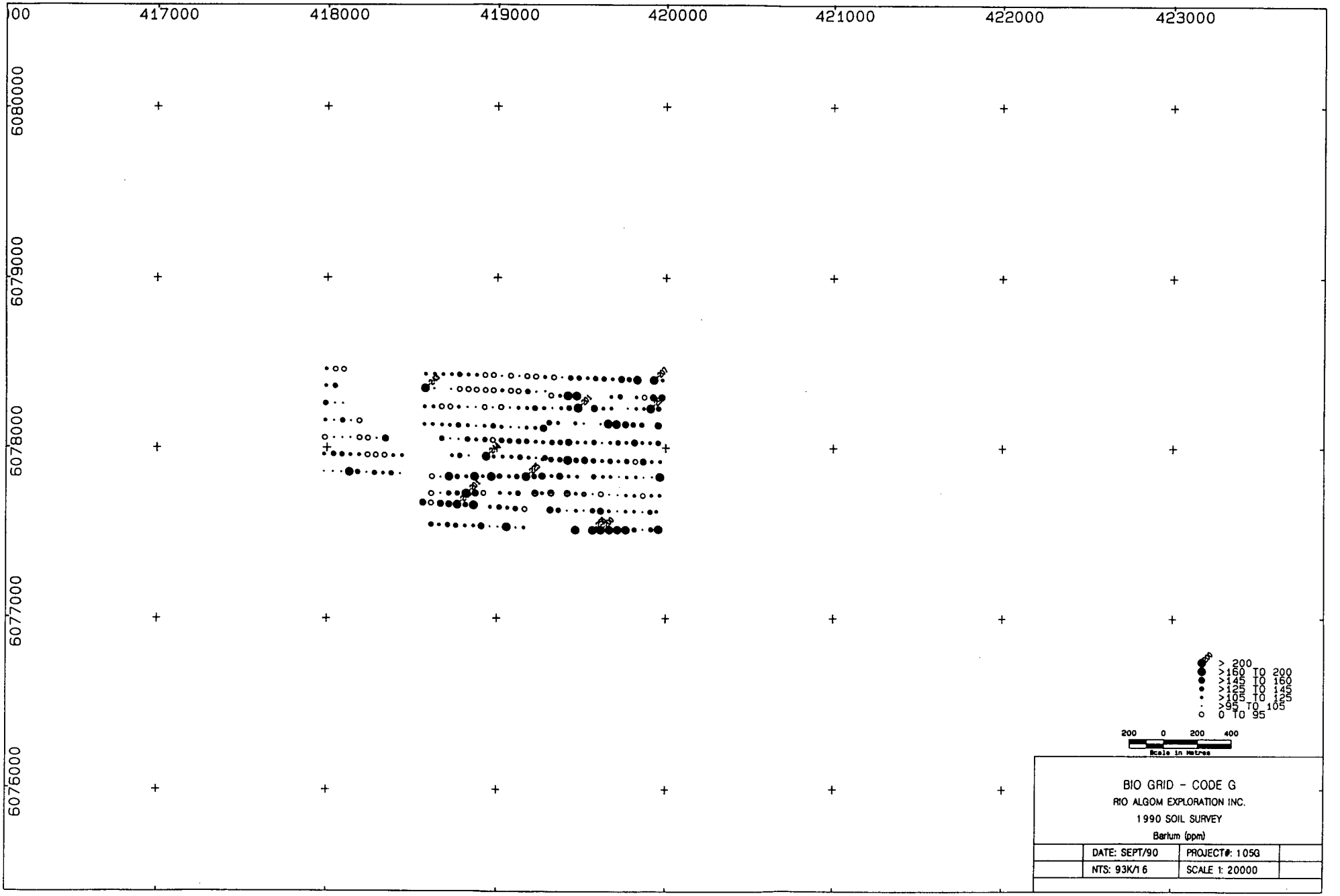

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 800
>700 TO 800
>550 TO 700
>460 TO 550
>370 TO 460
>300 TO 370
0 TO 300
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Manganese (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

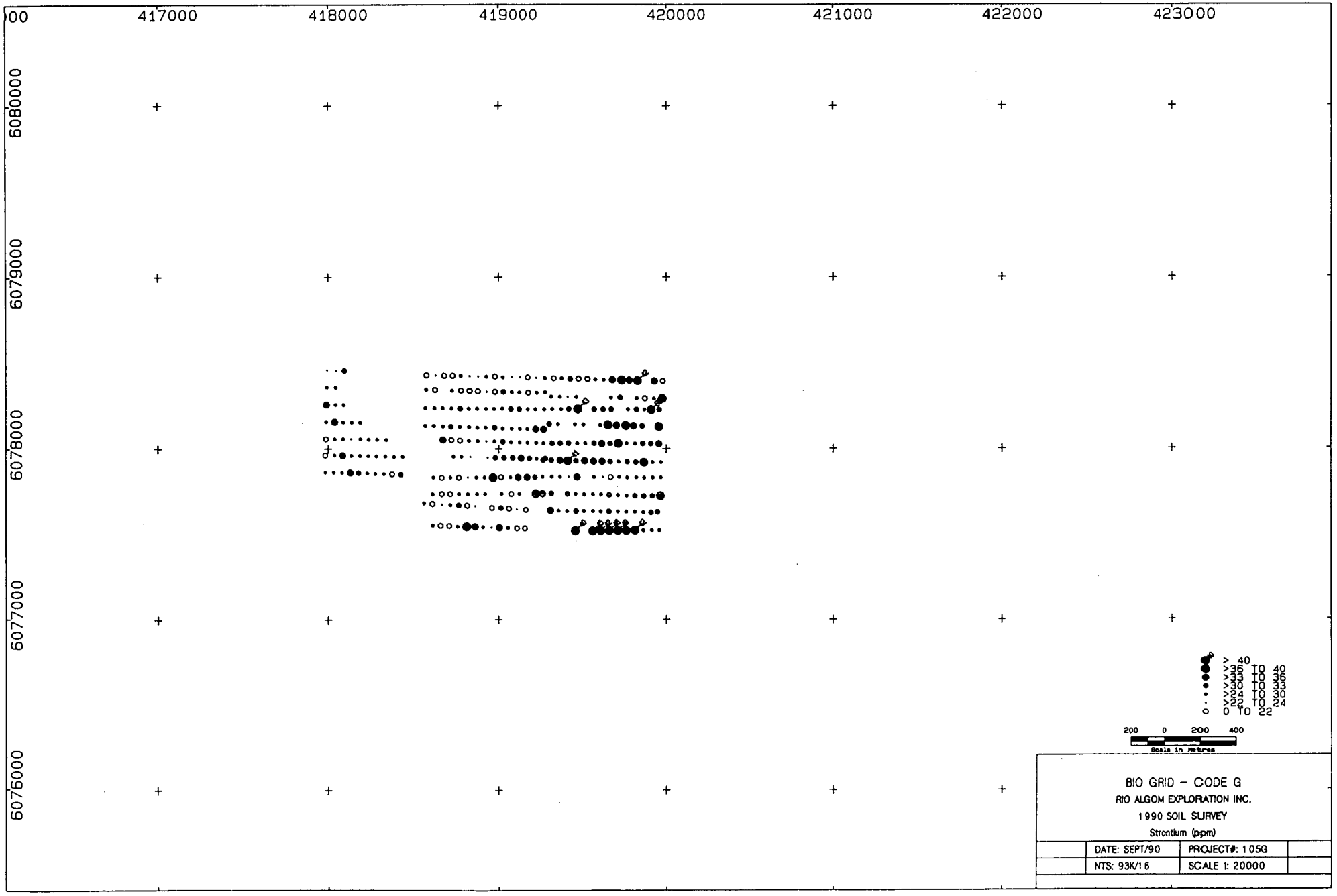

417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 15
>14 TO 15
>13 TO 14
>11 TO 13
>9 TO 11
>6 TO 9
0 TO 6
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Cobalt (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

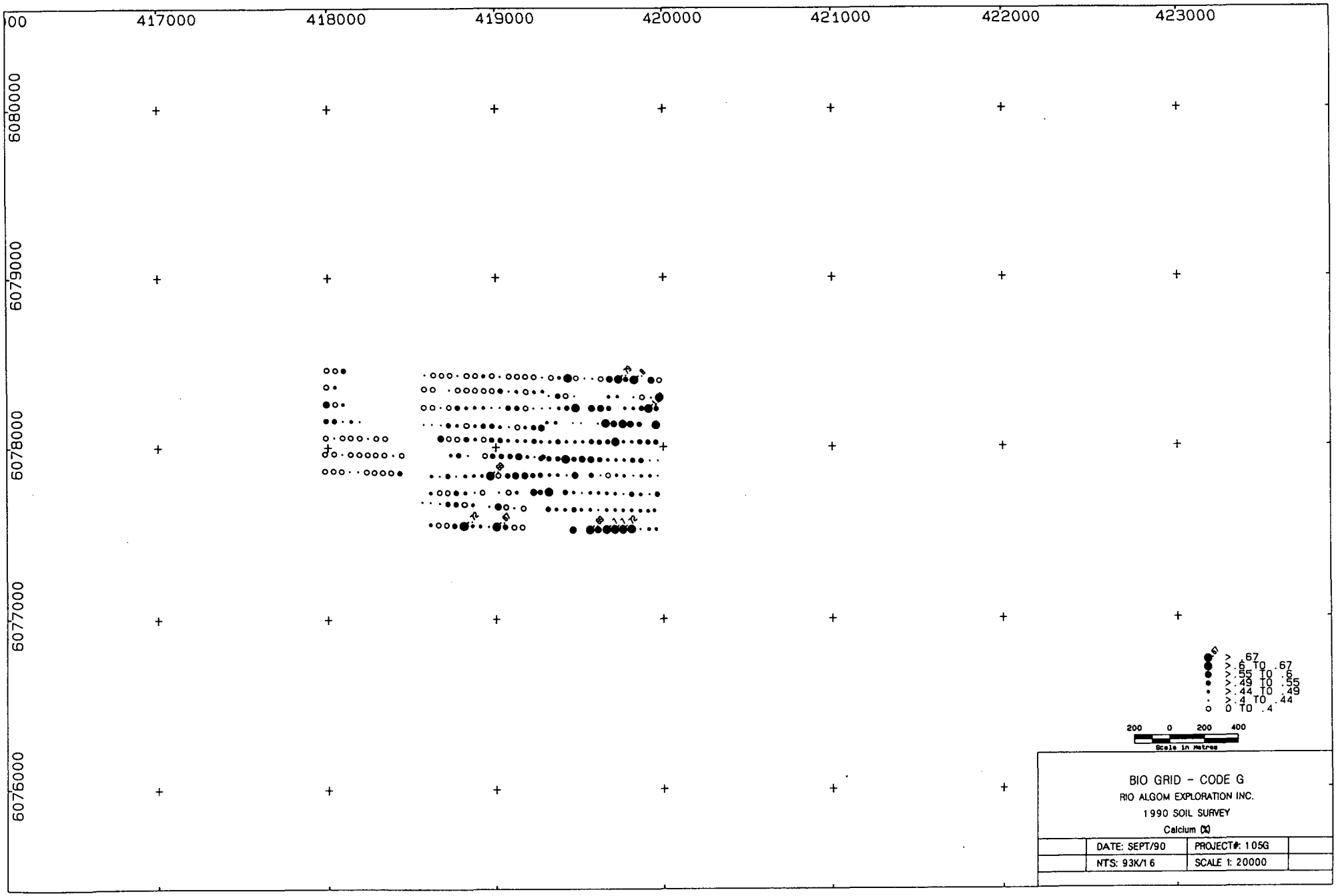

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 40
>35 TO 40
>30 TO 35
>25 TO 30
>20 TO 25
0 TO 22
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Nickel (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

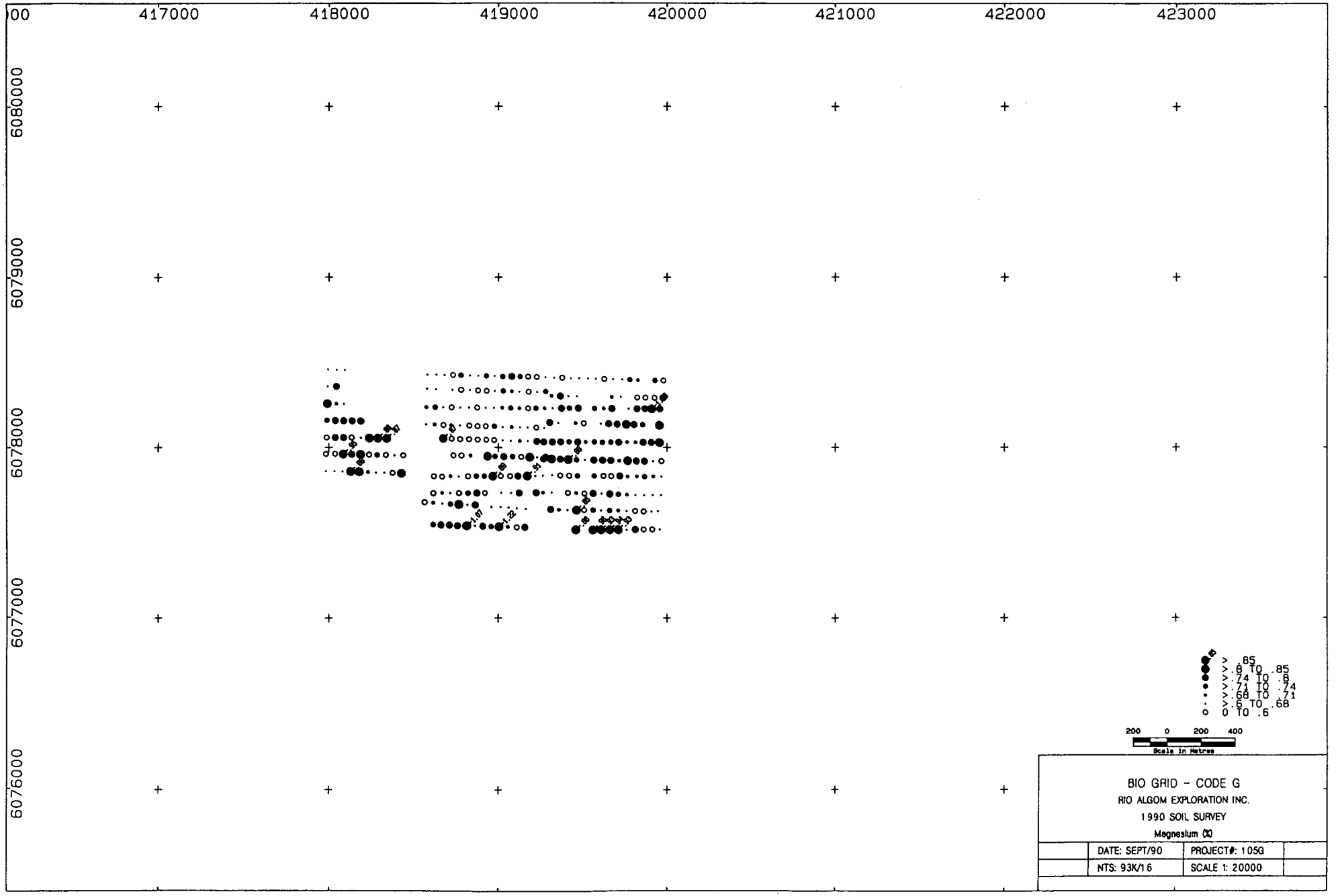

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 55
>48 TO 55
>44 TO 48
>39 TO 44
>37 TO 39
>32 TO 37
0 TO 32
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Chromium (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

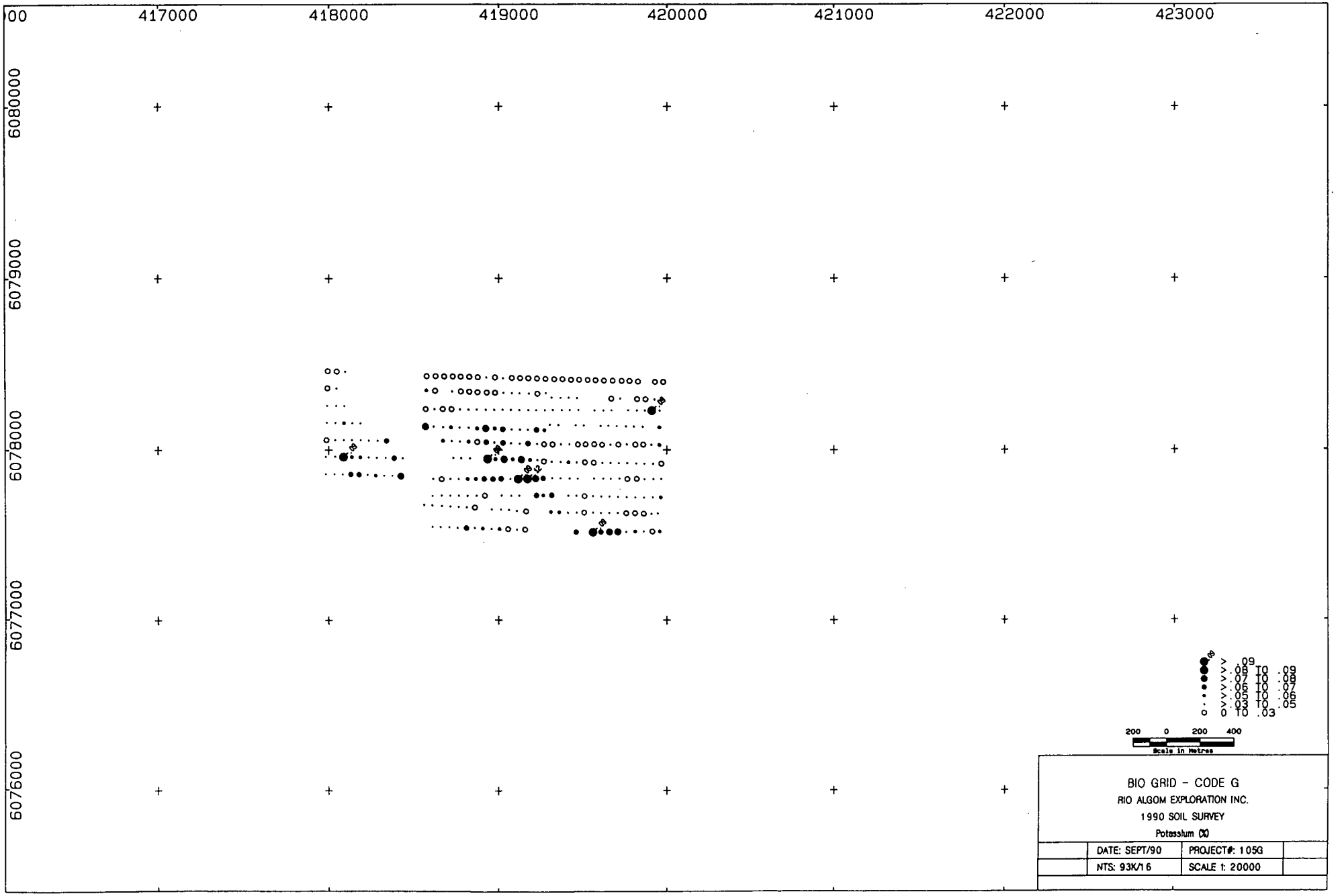

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 90
>80 TO 90
>70 TO 80
>65 TO 70
>60 TO 65
>50 TO 60
0 TO 50
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Vanadium (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

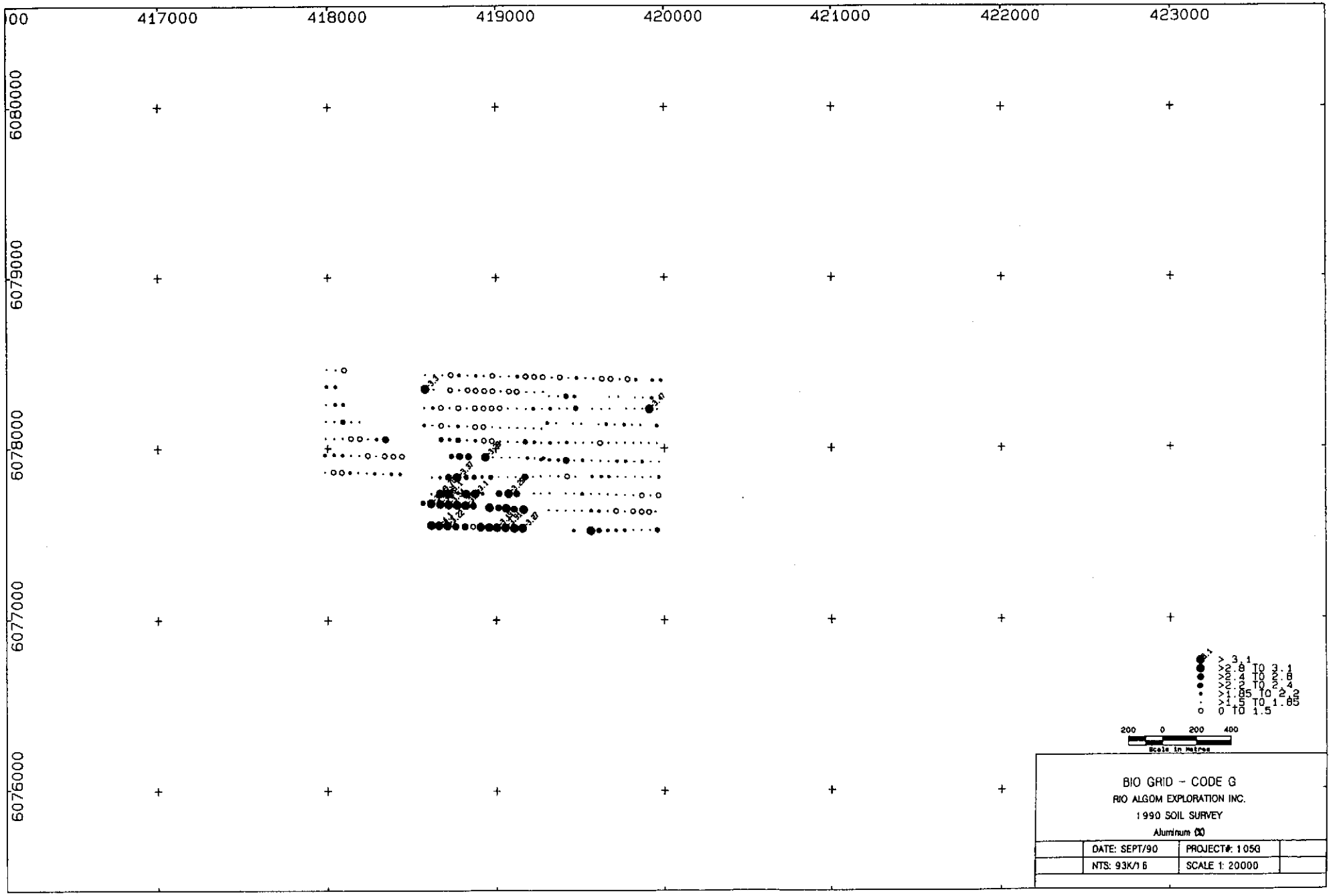

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 200
>160 TO 200
>145 TO 160
>125 TO 145
>105 TO 125
>95 TO 105
0 TO 95
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Barium (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

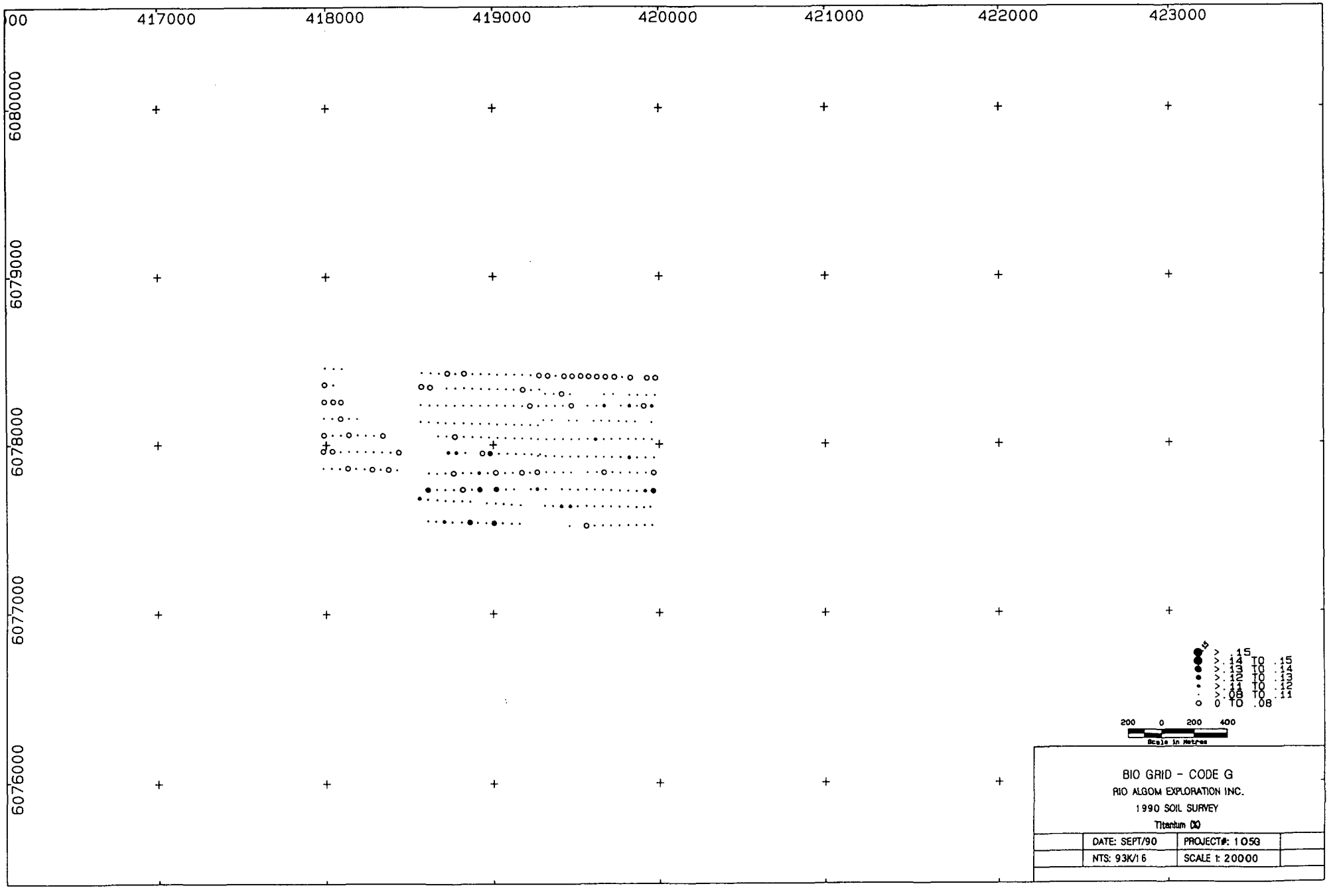

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 40
> 30 TO 40
> 25 TO 30
> 20 TO 25
> 15 TO 20
> 10 TO 15
> 5 TO 10
0 TO 5
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Strontium (ppm)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

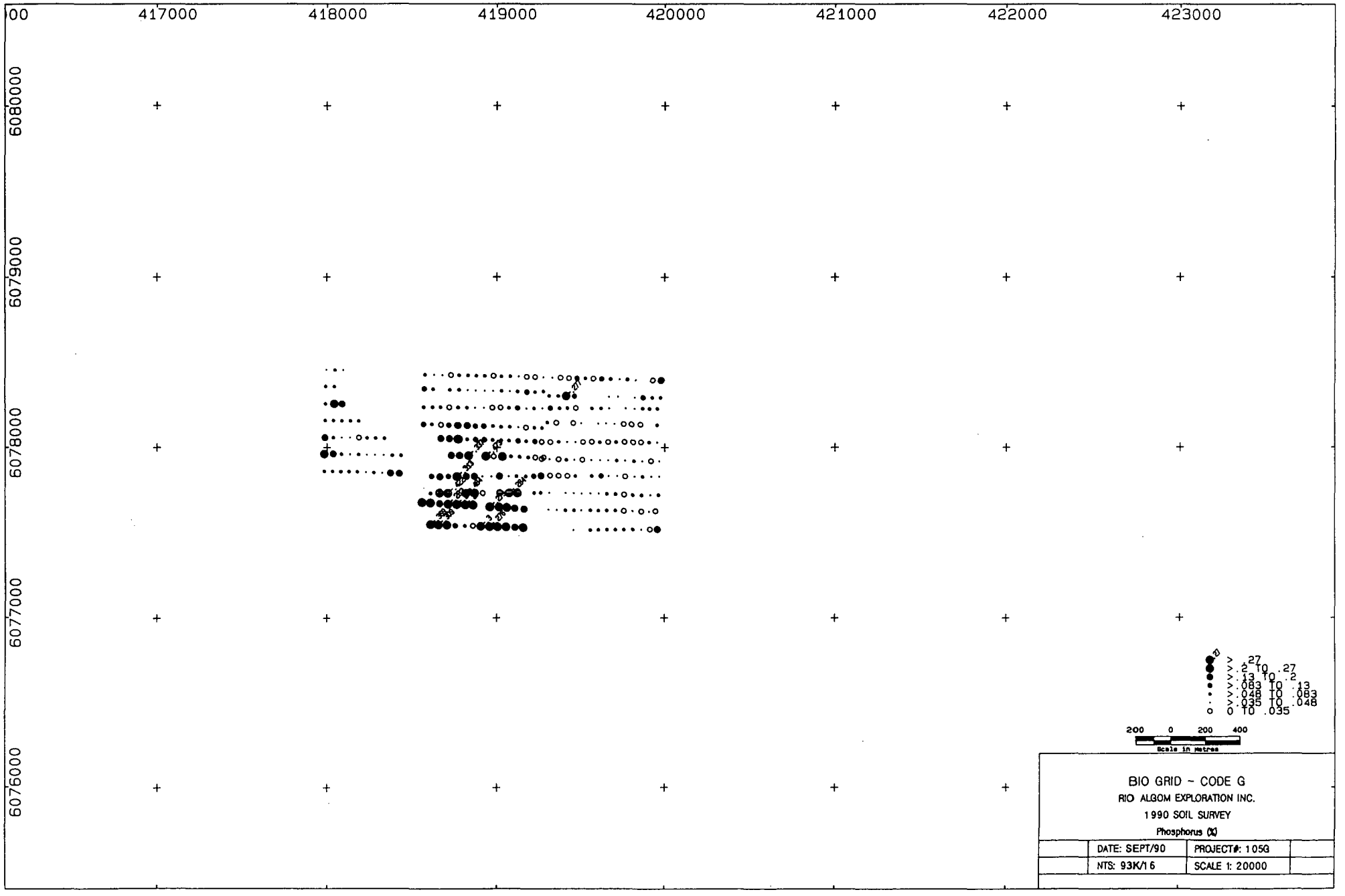

00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> .67
> .6 TO .67
> .55 TO .6
> .49 TO .55
> .44 TO .49
> .4 TO .44
0 TO .4
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Calcium (%)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000


00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> .85
> .8 TO .85
> .74 TO .8
> .71 TO .74
> .68 TO .71
> .6 TO .68
0 TO .6
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Magnesium (%)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000


00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> .09
> .08 TO .09
> .07 TO .08
> .06 TO .07
> .05 TO .06
> .03 TO .05
0 TO .03
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Potassium (%)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000


417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> 3.1
>2.8 TO 3.1
>2.4 TO >2.8
>2.2 TO >2.4
>1.85 TO 2.2
>1.5 TO 1.85
0 TO 1.5
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Aluminum (X)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000


00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> .15
> .14 TO .15
> .13 TO .14
> .12 TO .13
> .11 TO .12
> .08 TO .11
0 TO .08
200 0 200 400
Scale in Metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Titanium (X)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000


00
417000
418000
419000
420000
421000
422000
423000
6080000
6079000
6078000
6077000
6076000
> .27
> .2 TO .27
> .13 TO .2
> .083 TO .13
> .048 TO .083
> .035 TO .048
0 TO .035
200 0 200 400
Scale in metres
BIO GRID - CODE G
RIO ALGOM EXPLORATION INC.
1990 SOIL SURVEY
Phosphorus (%)
DATE: SEPT/90
PROJECT#: 105G
NTS: 93K/16
SCALE 1: 20000

APPENDIX III

REPORT ON SURFICIAL GEOLOGY - BIO PROPERTY

Denny E. Maynard, M.Sc.
GEOLOGIST
LAND RESOURCE SCIENCES

13-251 WEST 14TH STREET, NORTH VANCOUVER, B.C. V7M 1P4 PHONE (604) 980-3322

Mr. J. McClintock
Rio Algom Exploration Inc.
1650 - 609 Granville St.
Vancouver, B.C.

May 3, 1990

Dear Jack:

Re: Terrain Analysis in Support of Geochemical Exploration, Bio Option, Central British Columbia, 93K - 16.

INTRODUCTION

Terrain analysis has been carried out for the claim area as shown on the accompanying draft map (scale - 1:20,000). Mapping was done solely by interpretation of 1:16,000 black-andwhite aerial photographs; there has been no field checking of surficial materials. A standardized mapping procedure was followed (Terrain Classification System for British Columbia - Revised Edition, B.C. Ministry of Environment, 1988). Map units were hand transferred from the aerial photos to the base map. Also shown on the map are on-site symbols representing terrace scarps and glacial-ice directional indicators - grooves, lineations, and drumlinoid landforms.

SURFICIAL GEOLOGY

The map area is at the northern edge of the Nechako Plateau and is primarily underlain by thick drumlinized ground moraine (glacial till) deposited during the last (Fraser) glaciation. Subparallel drumlin-like ridges and intervening groovings are elongated easterly, in the direction of last ice movement.

Deglaciation of the area was probably a complex interaction of ice stagnation, downwasting, and retreat into major valleys. As a consequence, meltwater erosion and deposition under and adjacent to stagnating ice left characteristic deglacial features such as ice-contact kame terraces, glaciofluval outwash terraces, glacial lake deposits, and abandoned and misfit channels. The major glacial lakes identified in the area exist to the south of the claim group, around Stuart Lake and Nechako River.

In the map area, drumlin-like ridges and intervening grooves are oriented at an average trend of 060° with a range from 050 - 075°. This conforms to the accepted regional trend for Fraser ice flow in the area (G.S.C. Memoir 252, J.E. Armstrong, 1949). Farther south, till has been noted to exceed 100 metres thickness. It is expected to be considerably less thick in the vicinity of the Bio claims.

Meltwater eroded numerous small channels on the till surface and also cut two significant valleys which are presently occuppied by the underfit, meandering channels of Hutdudatehl and Taslincheko creeks. Deposition by meltwater flow and into temporary impoundments left glaciofluvial and glaciolacustrine sediments adjacent to and within these larger meltwater channels. In addition, where post-glacial runoff was concentrated on the till surface, the fine fraction of till matrix was often eroded and loose, poorly sorted gravels were left as discontinuous surface mantles.

In late post-glacial and Recent time fluvial erosion and deposition have gradually infilled surface depressions and channels. Thin organics have also accumulated in many of the wetter low areas. The larger channels and deeper depressions where high water table is constant have accumulated thick organic deposits on and around fluvial infill material.

TERRAIN UNITS - IMPLICATIONS FOR SOIL GEOCHEMISTRY

Ten terrain units are delimited on the aerial photographs and the accompanying map. Morainal deposits predominate on the featureless to drumlinized plain with glaciofluvial, glaciolacustrine, fluvial, and organic materials concentrated along and adjacent to the two main creek floodplains. Organic deposits also infill depressions on the till surface and, in places, surface gravels may cap the ground moraine.

Following is a description of each terrain unit and an interpretive summary of the implications concerning soil geochemistry for these units:

1. - thick glacial till; surface form ranges from a featureless mantle of ground moraine to subdued ridged drumlinoids - poorly drained depressions on the till surface may be infilled by thin organics and/or thin layers of silt and sand. Till thickness is expected to be at least 3 m and probably exceeds 10 m in places.

   - thick till would probably mask the geochemical characteristics of underlying bedrock; any anomalies are probably diluted by the large volume of morainal cover and distance of transport - secondary hydromorphic anomalies are likely to form in shallow organics in seepage depressions.

2. - mantle of glacial till on bedrock-controlled terrain; till deposits are probably less than 3 m thick and conform to the underlying hummocky and sloping rock surface.

   - transported anomalies are probably close-to-source because of shallower depth to bedrock; there may also be some downslope mechanical and hydromorphic dispersion on sloping ground.

3. - thick glacial till - comparable to that described for unit 1 - may be eroded by meltwater channels creating a slightly chaotic topography and mantled, in places, by glaciofluvial sands and gravels. Depressions are often wet, infilled by thin organics and/or thin poorly drained sands.

   - similar to conditions described for unit 1 except that any surface gravels are much less likely to reflect any local or transported anomalies. Shallow organics occupying eroded depressions may be an effective sampling medium for secondary hydromorphic anomalies.

4. - thick glaciofluvial deposits, probably mainly sands and gravels; will usually overlie till at depth - very well drained. Two subunits are identified:
   4a - subdued; level to moderately sloping landforms
   4b - chaotic; hummocky and ridged landforms

   - thick gravels represent a complicated second phase of transportation which further dilutes and distorts transported anomalies; very difficult to detect a geochemical signature and to reconstruct a transportation history. In high-relief topography hydromorphic dispersion may be recognized by sampling shallow organics in eroded depressions.

5. --glaciolacustrine deposits, probably mainly silt, clay, and fine sand; assumed to be a fairly thick mantle overlying a subdued till landscape - depressions are usually poorly drained and may be infilled by thin organics.

   - glacial lake deposits also represent a complicated second phase of transportation as well as a concentration of fine-textured materials; these factors combine to hinder the chance of effectively interpreting soil geochemistry on such deposits

6. - low-relief morainal terrain mantled by deglacial sediments; varying thicknesses (.5-2.5 m) of gravels to silts probably overlie till. Poorly drained depressions follow the many abandoned channels and are partially infilled by shallow organics and/or silts and sands.

   - problems described for units 3,4, and 5 are likely to be encountered in this unit; till may be found under a thin surface veneer but sampling problems are probable. Thin organics occupying eroded depressions and channels may be an effective sampling medium for secondary hydromorphic anomalies.

7. - wetland floodplains; post-glacial deposits which have infilled large meltwater channels - fluvial sediments probably include over-bank silts and sands capping thick gravels and are intermixed and partially overlain by organics of varying thickness and extent. Very poorly drained landscape.

- fluvial and organic deposits on these wetland floodplains represent a third derivative of soil; they are composites of all other surface materials and are usually highly diluted and far removed from their bedrock source. Their wetness and soft surface soils make them poorly accessible for sampling.

8. - low-lying fluvial terraces and fans bordering wetland floodplains; fans are usually built at mouths of small tributary streams, terrace surfaces are near-level with small bounding scarps. Probably mostly gravel with a sandy surface. drainage is usually fairly good but near channels and in depressions it will be poor and thin organics may occur.

- these low-lying fluvial deposits are better drained but still represent a third derivative soil in which dilution and transportation history probably would obscure any indication of a bedrock source.

9. - deep organic deposits; thick peat(greater than 1.5 m) is soft, compressible, and very poorly drained.

- deep, soft, wet organics are mostly inaccessible as a sampling medium in a normal soil survey program; they may provide a useful indication of secondary hydromorphic dispersion but the difficulty in sampling is often a deterent to their use.

10. - thin organic deposits; usually less than 1 m of peat infills depressions on subdued terrain, mostly on morainal deposits. Silty sandy mineral soil may comprise a substantial portion of these wetland depressions.

- shallow organics could prove an effective sampling medium for secondary hydromorphic dispersion; they may concentrate certain elements which are dispersed in the till or stratified drift. They may also be affected by groundwater from close-to-source bedrock. Both glacial transportation and hydromorphic dispersion must be considered in assessing results from such samples.

DISCUSSION

The presence of thick till or stratified drift (glaciofluvial, glaciolacustrine, and fluvial deposits) usually prevents the development of mechanically derived anomalies in soil. The low permeability of till restricts the circulation of groundwater down to underlying bedrock and thick drift which has been transported considerable distance has undergone a very significant dilution of bedrock sources. Thick stratified drift usually represents an unfavourable geochemical environment because it can effectively mask an underlying indicator source, either residual (bedrock or colluvium) or transported (glacial till). Glaciofluvial and glaciolacustrine sediments represent a second derivative of transported debris. They are mainly eroded from till, sorted to certain textural concentrations, and re-transported away

from their original ice deposition. The dilution effects and complicated transportational history severely reduces their effectiveness as a soil sampling medium. Fluvial sediments are a third derivative soil and thus, experience even greater dilution and transport complexities.

The best chance for identifying a locally transported soil anomaly probably lies in sampling thinner till or in sampling sites where secondary hydromorphic dispersion may be recognizable. Till soils of map unit 2 are thinnest but are of limited extent. Unit 1 till is suspected to be thick, but how thick is unknown. It offers the next best opportunity for directly indicating a locally transported source. Anomalous conditions which develop in response to glacial transport will exhibit a sharp boundary at the up-ice beginning of the anomaly train and concentrations will decline and the dispersal train may broaden in the down-ice direction.

Sampling thin organics infilling depressions and old channels on subdued and eroded ground moraine may be an effective way of tracing secondary hydromorphic dispersion. Groundwater flow patterns and glacial transport must be considered when evaluating any such seepage anomalies. Mappable units are shown (unit 10) but many smaller organic sites probably occur throughout the morainal surface. These organic wetlands probably offer the best sampling sites in units 3 and 6 where post-glacial stratified drift may mantle much of the till. Units 4,5, and 8 are expected to be thick deposits of post-glacial stratified drift which offer an unfavourable environment for soil geochemistry. Excessive wetness and soft, compressible soils combine to make map units 7 and 9 inaccessible to a standard soil survey.

The low relief and often featureless terrain makes the reliability of aerial photo interpretation somewhat uncertain. Although the previous discussion is valid with respect to geochemical interpretations, it is difficult to predict the accuracy of all types of materials mapped in the various units. Following is a summary of map reliability:

units 7,8,9, and 10 - materials are expected to be accurately represented although textures may vary - geochemical interpretations should be valid.

units 1,2, and 4 - materials are mostly accurate but there may be minor inclusions of different terrain which may affect local geochemical interpretations.

units 3,5, and 6 - lower reliability of material types - extent of surface stratified drift in units 3 and 6 may be quite variable and sampling of till may become viable. Presence, extent, and thickness of glaciolacustrine sediments in unit 5 is uncertain.

RECOMMENDATIONS

- exclude map units 4,5,7,8, and 9 from a comprehensive soil survey.
- reconnaissance sites in units 4 and 5 may help to confirm the surficial interpretations.
- the bulk of the soil sampling should be done on the till units (1 and 2); samples collected from thin organic deposits (unit 10) and other small organic wetlands should be identified and evaluated as a separate geochemical population. Any indications of near-surface bedrock should also be noted and plotted.
- shallow organic depressions could also be sampled in units 3 and 6. Reconnaissance sites on higher ground may also help to confirm the surficial interpretations.
- a later-stage program of deep till sampling may be required to help determine if there are differing vertical and horizontal dispersion patterns within the till stratigraphy; this may be a follow-up to help unravel glacial transportation history for a surface anomaly or to investigate if there are deep, close-to-source anomalies.

I hope this information will be of use in helping you to plan your soil geochemistry program. If you have any questions or require further information, please do not hesitate to call.

Yours truly,

Denny Maynard

Denny Maynard

APPENDIX IV

ANALYTICAL RESULTS

[redacted] ACME [redacted] ANALYTICAL [redacted] LABORATORIES LTD. [redacted] E. [redacted] TIN [redacted] ST. [redacted] COU [redacted] B.C. [redacted] 6A [redacted] [redacted] ONE [redacted]) 25 [redacted] 58 [redacted] (60 [redacted] 3-1 [redacted]

GEOCHEMICAL ANALYSIS CERTIFICATE

Rio Algom Exploration Inc. PROJECT 8932 File # 90-2076 Page 1

P.O. Box 10335, 1650 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 26+00N 47+00E	1	30	5	110	.1	25	10	482	3.00	2	5	ND	1	25	.2	4	4	62	.48	.094	7	35	.63	125	.10	3	1.57	.03	.05	2	4
B 26+00N 47+50E	1	14	10	227	.5	40	11	470	2.56	2	5	ND	1	18	1.0	2	2	45	.90	.194	8	45	1.19	139	.07	4	2.21	.02	.04	1	1
B 26+00N 48+00E	1	12	2	92	.1	17	6	223	2.34	2	5	ND	1	20	.2	2	2	48	.36	.148	6	28	.35	130	.07	3	1.27	.03	.04	1	1
B 26+00N 48+50E	1	39	8	198	.2	30	11	517	4.13	8	6	ND	1	21	.2	2	3	79	.43	.274	5	38	.66	151	.07	3	2.32	.02	.06	2	3
B 26+00N 49+00E	2	24	6	341	.1	20	16	713	3.97	2	5	ND	1	27	1.1	2	2	79	.57	.210	6	35	.66	256	.08	5	2.16	.02	.06	2	1
B 26+00N 49+50E	1	45	5	148	.2	31	12	657	3.11	3	5	ND	1	42	.2	2	2	66	.66	.052	10	42	.73	186	.07	4	2.32	.03	.06	1	3
B 26+00N 50+00E	1	16	2	92	.1	14	6	264	1.88	2	5	ND	1	25	.2	2	2	49	.45	.033	7	25	.51	105	.11	3	1.32	.04	.05	1	1
B 26+00N 50+50E	1	32	7	189	.1	30	11	310	3.95	2	5	ND	1	26	.2	3	2	77	.47	.168	7	42	.66	132	.09	5	2.23	.02	.06	1	4
B 26+00N 51+00E	1	25	2	96	.1	20	8	455	2.47	2	5	ND	1	25	.5	2	2	58	.43	.027	7	30	.59	116	.09	2	1.54	.03	.05	1	2
B 26+00N 51+50E	1	25	2	86	.1	20	9	549	2.55	2	5	ND	1	33	.3	2	2	59	.57	.045	6	29	.54	192	.10	2	1.45	.03	.05	1	3
B 26+00N 52+00E	1	58	4	107	.2	34	13	706	3.83	2	5	ND	1	53	.3	2	2	78	.92	.049	8	45	.80	173	.10	4	2.20	.03	.07	1	2
B 26+00N 52+50E	1	37	2	88	.1	26	8	496	3.02	2	5	ND	1	61	.3	2	2	66	.78	.027	8	35	.82	123	.11	3	1.97	.03	.06	1	1
B 26+00N 53+00E	1	22	5	200	.1	19	9	388	2.83	5	5	ND	1	29	1.1	2	2	59	.53	.159	6	31	.51	134	.10	3	1.68	.02	.05	1	2
B 26+00N 53+50E	1	24	12	145	.2	12	8	382	4.05	6	5	ND	1	33	.8	4	4	97	.71	.106	4	32	.55	115	.13	4	2.07	.02	.05	1	3
B 26+00N 54+00E	1	26	10	259	.3	23	13	489	3.47	2	5	ND	1	49	.2	2	2	65	.51	.152	6	32	.56	145	.09	9	2.03	.02	.06	1	3
B 26+00N 54+50E	1	23	10	80	.1	14	7	256	2.40	2	5	ND	1	30	.2	3	2	65	.42	.024	7	29	.43	96	.09	4	1.53	.03	.04	1	2
B 26+00N 55+00E	1	20	3	146	.1	20	8	254	3.79	2	5	ND	1	23	.2	2	2	78	.37	.053	7	35	.54	95	.13	8	2.06	.02	.04	1	2
B 26+00N 55+50E	1	47	5	116	.1	33	11	381	3.79	4	5	ND	1	29	.3	2	3	80	.42	.082	6	40	.76	137	.11	5	2.52	.03	.05	1	5
B 26+00N 56+00E	1	30	2	149	.1	33	12	325	3.97	3	5	ND	1	21	.7	2	2	82	.36	.076	5	38	.62	115	.10	2	2.45	.02	.04	1	6
B 26+00N 56+50E	1	34	7	102	.1	30	11	355	3.40	3	5	ND	1	25	.2	2	2	75	.41	.053	6	37	.66	112	.11	3	2.13	.02	.05	1	6
B 26+00N 57+00E	1	14	4	106	.1	15	8	359	2.33	2	5	ND	1	30	.2	2	2	62	.53	.065	6	25	.50	96	.13	6	1.42	.03	.06	1	1
B 26+00N 57+50E	1	16	5	110	.1	16	7	238	2.76	2	5	ND	1	26	.2	2	2	70	.42	.054	6	29	.43	79	.12	6	1.50	.03	.05	1	1
B 26+00N 58+00E	1	19	2	80	.1	16	6	239	2.67	2	5	ND	1	27	.2	2	2	64	.47	.059	6	28	.47	89	.11	3	1.38	.02	.03	1	1
B 26+00N 58+50E	1	33	9	107	.1	25	12	564	2.97	2	5	ND	1	29	.2	2	2	67	.51	.074	7	34	.60	115	.09	5	1.92	.02	.06	1	1
B 26+00N 59+00E	1	23	4	79	.1	20	7	354	2.48	2	5	ND	1	32	.2	3	2	60	.56	.068	6	29	.57	85	.12	5	1.41	.02	.05	1	2
B 26+00N 59+50E	1	28	2	117	.2	28	11	541	3.18	2	5	ND	1	28	.2	2	3	65	.43	.141	7	37	.49	122	.09	2	1.68	.02	.06	1	2
B 26+00N 60+00E	1	36	8	72	.1	30	10	381	2.88	2	5	ND	1	31	.2	2	5	62	.51	.073	7	36	.65	95	.11	4	1.54	.03	.06	1	3
B 26+00N 60+50E	2	174	11	172	.6	65	21	1592	6.08	16	7	ND	1	60	.3	2	8	116	.85	.067	27	72	1.04	327	.06	2	4.26	.02	.09	1	2
B 26+00N 61+00E	1	23	11	64	.1	20	6	262	1.99	2	5	ND	1	25	.2	2	2	46	.36	.016	8	30	.54	89	.10	2	1.22	.03	.03	1	4
B 26+00N 61+50E	1	81	7	123	.3	39	12	738	3.86	4	5	ND	1	46	1.3	2	2	77	.77	.054	14	50	.83	180	.08	5	2.54	.02	.07	1	3
B 26+00N 62+00E	1	26	6	89	.1	25	10	488	2.83	2	5	ND	1	27	.2	2	2	64	.43	.064	6	33	.54	103	.11	6	1.48	.02	.05	1	1
B 26+00N 62+50E	1	37	10	69	.2	25	11	462	2.76	2	5	ND	1	35	.2	2	5	69	.58	.015	11	34	.62	142	.10	3	1.86	.03	.04	1	2
B 26+00N 63+00E	2	117	14	343	.6	93	25	2332	7.81	10	9	ND	3	63	2.5	2	2	117	.87	.073	10	92	1.10	379	.08	2	5.12	.02	.12	1	3
B 26+00N 63+50E	1	31	10	211	.2	27	12	424	4.86	3	5	ND	1	37	1.0	2	2	101	.61	.089	6	40	.57	204	.12	4	2.46	.02	.08	1	2
B 26+00N 64+00E	1	23	2	200	.1	24	11	537	3.73	7	5	ND	1	21	.4	2	2	72	.38	.134	5	34	.48	113	.08	2	1.93	.01	.05	1	3
B 26+00N 64+50E	1	24	15	209	.5	22	12	499	4.16	7	5	ND	1	24	.4	2	2	84	.44	.132	5	37	.60	127	.10	3	2.17	.02	.05	1	1
B 26+00N 65+00E	1	25	16	119	.2	20	10	871	2.73	5	5	ND	1	27	.6	2	2	59	.43	.078	6	31	.44	141	.09	6	1.43	.02	.04	1	2
STANDARD C/AU-S	17	59	43	133	7.3	68	30	1037	4.11	42	23	7	37	47	18.0	15	20	56	.52	.096	36	58	.92	174	.07	33	1.97	.06	.13	11	49

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 28 1990 **DATE REPORT MAILED:** July 4/90 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 26+00N 65+50E	1	20	6	127	.2	20	9	310	4.11	7	5	ND	1	16	.9	2	2	81	.32	.270	4	37	.45	89	.08	2	2.13	.01	.04	2	1
B 26+00N 66+00E	1	25	2	154	.4	31	11	495	3.89	9	5	ND	1	22	.7	2	2	79	.42	.091	5	38	.52	178	.08	6	2.16	.01	.05	1	1
B 26+00N 66+50E	1	43	10	80	.2	36	11	549	3.09	4	5	ND	1	29	1.0	2	2	63	.54	.064	10	40	.74	116	.09	9	1.64	.01	.04	1	1
B 26+00N 67+00E	1	20	2	68	.2	21	6	303	2.22	5	5	ND	1	23	.7	2	2	51	.46	.038	6	29	.64	98	.10	2	1.30	.01	.03	1	61
B 26+00N 67+50E	1	16	2	92	.2	17	6	266	2.35	2	5	ND	1	22	.5	2	2	59	.43	.049	6	27	.53	87	.10	3	1.40	.01	.03	1	3
B 26+00N 68+00E	1	22	6	81	.1	21	7	243	2.85	2	5	ND	1	18	.8	2	2	63	.33	.052	5	32	.53	86	.09	4	1.59	.01	.03	1	3
B 26+00N 68+50E	1	27	2	84	.1	29	7	286	2.46	4	5	ND	1	22	1.0	2	3	54	.44	.061	7	30	.64	98	.09	5	1.55	.01	.03	1	1
B 25+00N 50+00E	1	46	8	63	.3	28	9	310	2.63	5	5	ND	1	34	.8	2	2	62	.56	.020	11	33	.54	117	.07	3	1.65	.01	.04	1	1
B 25+00N 50+50E	1	22	10	63	.2	21	9	332	2.59	2	5	ND	1	30	1.0	2	2	58	.48	.048	5	28	.54	100	.09	4	1.27	.01	.05	1	1
B 25+00N 51+00E	1	26	2	63	.1	25	8	287	2.90	5	5	ND	1	27	.2	2	2	66	.46	.050	7	33	.55	136	.09	5	1.40	.01	.06	1	4
B 25+00N 51+50E	2	132	2	177	1.3	72	17	1081	5.84	9	5	ND	1	80	2.0	2	2	94	1.35	.057	15	65	.96	334	.05	2	3.72	.01	.09	1	1
B 25+00N 52+00E	1	34	5	77	.2	26	9	564	2.70	4	5	ND	1	38	1.0	2	2	59	.66	.052	9	33	.66	115	.09	6	1.54	.01	.03	2	1
B 25+00N 52+50E	1	31	2	107	.2	24	9	471	2.48	4	5	ND	1	27	.9	2	2	57	.51	.049	9	30	.53	134	.08	4	1.57	.01	.04	1	5
B 25+00N 53+00E	1	26	5	85	.1	28	10	603	2.82	6	5	ND	1	28	.7	2	2	54	.44	.045	9	34	.57	124	.07	2	1.55	.01	.04	1	1
B 25+00N 53+50E	1	46	3	97	.5	33	9	528	3.20	2	5	ND	1	53	1.3	2	2	64	.80	.033	10	40	.72	147	.10	5	1.88	.02	.04	1	1
B 25+00N 54+00E	1	15	7	96	.2	17	7	370	2.09	4	5	ND	1	29	.6	2	2	53	.51	.037	6	24	.38	117	.10	2	1.16	.01	.05	1	1
B 25+00N 54+50E	1	16	5	93	.1	17	8	350	3.11	2	5	ND	1	27	.2	2	2	73	.44	.070	5	29	.45	78	.09	4	1.51	.01	.05	1	3
B 25+00N 55+00E	1	21	2	65	.1	17	7	291	2.17	6	5	ND	1	26	.2	2	2	52	.42	.033	6	27	.53	85	.09	3	1.26	.01	.03	1	1
B 25+00N 55+50E	1	24	6	57	.1	19	6	293	2.17	3	5	ND	1	27	.9	2	2	54	.48	.031	6	26	.61	84	.11	5	1.33	.01	.03	1	4
B 25+00N 56+00E	1	30	6	79	.1	22	7	314	2.55	3	5	ND	1	25	1.2	2	2	60	.43	.027	6	30	.66	101	.09	3	1.66	.02	.03	1	4
B 25+00N 56+50E	1	22	2	93	.1	21	9	550	2.39	2	5	ND	1	29	.3	2	2	58	.54	.064	7	28	.50	112	.09	4	1.43	.01	.04	1	1
B 25+00N 57+00E	1	28	7	95	.1	23	8	571	2.53	3	5	ND	1	29	.7	2	2	59	.49	.039	7	30	.58	117	.09	9	1.60	.01	.05	1	5
B 25+00N 57+50E	1	19	5	65	.1	17	6	250	1.84	3	5	ND	1	25	.5	2	2	47	.42	.031	7	25	.44	89	.09	7	1.16	.01	.04	1	1
B 25+00N 58+00E	1	35	6	96	.1	26	9	527	2.66	2	5	ND	1	31	1.3	2	2	60	.50	.032	8	33	.62	109	.09	5	1.64	.01	.05	1	1
B 25+00N 58+50E	1	25	2	110	.1	22	9	607	2.48	6	5	ND	1	27	.8	2	2	55	.47	.061	7	30	.55	107	.09	2	1.34	.01	.04	2	1
B 25+00N 59+50E	1	46	2	107	.4	36	10	531	3.21	9	5	ND	1	44	.2	2	2	68	.63	.040	8	42	.74	152	.08	6	1.99	.02	.06	1	2
B 25+00N 60+00E	1	21	4	87	.1	18	6	227	2.14	2	5	ND	1	36	.8	2	2	48	.55	.056	7	27	.41	121	.08	2	1.14	.01	.04	1	1
B 25+00N 60+50E	1	24	2	98	.2	23	7	429	2.20	2	5	ND	1	24	.6	2	2	49	.43	.033	7	28	.51	115	.06	4	1.46	.01	.04	1	3
B 25+00N 61+00E	1	36	7	98	.2	30	11	703	2.80	5	5	ND	1	32	.6	2	2	57	.54	.049	9	35	.69	155	.07	3	1.63	.01	.05	1	1
B 25+00N 61+50E	1	20	5	90	.1	20	8	452	2.34	2	5	ND	1	29	.5	2	2	52	.49	.055	8	28	.59	119	.09	2	1.23	.01	.03	1	1
B 25+00N 62+00E	1	39	2	70	.3	28	7	458	2.59	5	5	ND	1	45	.9	2	2	54	.69	.044	9	36	.72	136	.09	9	1.52	.02	.04	1	1
B 25+00N 62+50E	1	39	2	66	.1	32	9	380	2.76	7	5	ND	1	27	.4	2	2	58	.49	.058	7	35	.65	113	.09	3	1.53	.01	.04	1	1
B 25+00N 63+50E	1	32	2	163	.2	30	13	894	3.62	3	5	ND	1	48	.8	2	2	75	.73	.040	6	38	.92	166	.09	5	2.30	.01	.05	1	5
B 25+00N 64+00E	1	29	8	202	.3	25	11	607	4.44	6	5	ND	1	32	.9	2	2	87	.54	.126	5	33	.67	150	.09	2	1.99	.01	.08	1	1
B 25+00N 64+50E	2	53	5	328	.2	40	14	1152	4.54	8	5	ND	1	53	1.3	2	3	70	.65	.309	7	47	.70	260	.06	2	2.31	.01	.07	2	1
B 25+00N 65+00E	5	22	2	222	.3	29	10	315	4.03	2	5	ND	1	17	1.5	2	2	83	.32	.100	5	39	.58	137	.08	4	1.97	.01	.07	1	2
B 25+00N 65+50E	1	21	2	93	.2	21	7	247	2.95	4	5	ND	1	21	.2	2	3	61	.39	.055	5	31	.46	80	.08	2	1.50	.01	.04	1	8
STANDARD C/AU-S	17	59	38	132	7.2	67	29	1028	4.03	42	22	6	36	46	18.4	14	22	56	.51	.093	35	56	.90	174	.07	33	1.87	.05	.13	11	51

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 25+00N 66+00E	1	11	3	70	.2	10	5	235	1.74	3	5	ND	1	22	.3	2	2	48	.42	.037	6	21	.29	85	.10	2	.92	.01	.05	1	4
B 25+00N 66+50E	1	10	2	62	.1	9	4	159	1.44	2	5	ND	1	20	.2	2	2	44	.40	.036	6	19	.28	72	.10	4	.84	.01	.04	1	2
B 25+00N 67+00E	1	9	2	100	.1	12	4	222	1.72	2	5	ND	1	20	.4	2	2	45	.39	.074	6	23	.31	114	.09	2	1.21	.01	.04	1	2
B 25+00N 67+50E	1	34	2	95	.1	26	9	331	3.12	7	5	ND	1	26	.5	2	2	66	.47	.080	6	36	.63	109	.09	5	1.75	.01	.04	1	1
B 25+00N 68+00E	1	23	3	76	.1	17	6	307	2.31	4	5	ND	1	24	.2	2	2	55	.44	.052	6	30	.58	104	.09	5	1.45	.01	.04	1	2
B 25+00N 68+50E	1	22	2	80	.1	17	6	272	2.03	2	5	ND	1	21	.4	2	2	50	.38	.028	7	29	.47	95	.09	7	1.48	.01	.03	1	11
B 25+00N 69+00E	1	22	2	89	.3	22	7	322	2.17	5	5	ND	1	22	.4	2	2	51	.42	.047	7	28	.54	102	.09	4	1.38	.01	.04	1	3
B 24+00N 41+00E	1	35	7	168	.3	30	9	337	3.69	8	5	ND	1	17	.3	2	2	74	.33	.185	5	37	.61	95	.08	3	2.31	.01	.04	1	2
B 24+00N 41+50E	1	10	2	45	.2	12	3	140	1.04	2	5	ND	1	24	.3	2	2	39	.44	.027	6	16	.29	113	.10	3	1.06	.01	.04	1	6
B 24+00N 42+00E	2	54	2	125	.5	28	9	383	3.39	5	5	ND	1	26	.9	2	2	81	.46	.026	8	40	.66	138	.08	6	2.52	.01	.04	1	12
B 24+00N 43+00E	1	24	4	79	.1	19	5	306	2.00	2	5	ND	1	28	.2	2	2	53	.57	.033	7	28	.65	117	.10	3	1.64	.01	.03	1	5
B 24+00N 43+50E	1	38	2	128	.3	22	8	455	2.65	2	5	ND	1	29	.3	2	2	67	.56	.030	8	37	.75	151	.08	7	2.15	.01	.04	1	5
B 24+00N 44+00E	1	19	4	101	.2	13	6	396	2.04	3	5	ND	1	25	.2	2	2	54	.53	.040	6	23	.49	133	.10	6	1.30	.01	.04	1	3
B 24+00N 44+50E	1	30	11	172	.6	34	11	312	4.35	5	5	ND	1	25	.4	2	2	80	.46	.231	6	45	.91	134	.08	7	2.50	.01	.04	1	1
B 24+00N 45+00E	1	42	2	152	.1	31	11	420	3.29	4	5	ND	1	27	.4	2	2	74	.43	.087	6	37	.72	142	.08	2	2.19	.01	.04	1	3
B 24+00N 45+50E	3	31	8	195	.2	20	10	621	4.75	8	5	ND	1	34	.6	2	6	105	.70	.031	4	31	.91	242	.18	2	2.38	.01	.04	1	11
B 23+00N 47+00E	1	28	4	86	.2	22	8	398	2.56	2	5	ND	1	25	.2	2	3	61	.48	.039	8	32	.62	126	.09	3	1.60	.01	.04	1	11
B 23+00N 47+50E	1	46	10	102	.2	31	10	633	2.97	4	5	ND	1	34	.3	2	2	69	.62	.043	9	38	.70	186	.08	2	1.94	.01	.05	1	5
B 23+00N 48+00E	2	85	5	167	.3	56	13	652	4.10	9	5	ND	1	45	1.1	2	2	82	.80	.053	18	54	.84	323	.07	3	3.19	.01	.06	1	5
B 22+00N 41+50E	1	90	7	103	.5	44	11	550	3.49	10	5	ND	1	38	.3	2	4	73	.63	.027	13	45	.76	144	.10	3	2.19	.02	.05	1	2
B 22+00N 42+00E	1	23	2	133	.2	21	10	632	2.76	3	5	ND	1	25	.2	2	2	62	.48	.088	6	31	.50	110	.09	2	1.69	.01	.05	1	4
B 22+00N 42+50E	1	31	4	97	.1	32	8	336	2.50	3	5	ND	1	21	.2	2	2	57	.38	.058	9	39	.92	128	.08	4	1.89	.01	.04	2	5
B 22+00N 43+00E	1	29	2	80	.1	22	8	295	2.22	4	5	ND	1	23	.8	2	2	55	.44	.043	7	31	.68	97	.10	2	1.77	.01	.04	1	3
B 22+00N 43+50E	1	37	8	134	.4	26	8	265	2.71	2	5	ND	1	19	.2	2	4	60	.36	.059	6	33	.57	121	.09	2	2.07	.01	.04	2	8
B 22+00N 44+00E	1	35	2	92	.1	27	11	669	3.00	8	5	ND	1	31	.2	2	2	70	.56	.045	8	36	.72	133	.10	2	1.78	.01	.05	1	6
B 22+00N 44+50E	1	24	4	99	.1	18	7	306	2.53	2	5	ND	1	25	.3	2	9	60	.49	.048	7	31	.59	109	.10	6	1.65	.01	.03	1	2
B 22+00N 45+00E	1	31	2	73	.2	22	8	335	2.59	6	5	ND	1	23	.2	2	3	62	.45	.046	7	32	.65	111	.10	6	1.67	.01	.03	1	2
B 22+00N 45+50E	1	54	4	133	.4	31	15	895	3.46	2	5	ND	1	29	.2	2	7	80	.53	.064	10	39	.75	178	.10	2	2.47	.01	.05	1	7
B 22+00N 46+00E	1	24	2	74	.2	18	7	334	2.40	3	5	ND	1	24	.2	2	2	59	.45	.041	7	31	.60	109	.10	4	1.53	.01	.03	1	5
B 22+00N 46+50E	1	35	2	76	.2	26	9	337	2.68	7	5	ND	1	26	.2	2	2	61	.47	.042	7	35	.62	103	.10	4	1.67	.01	.04	1	6
B 22+00N 47+00E	1	27	3	93	.1	21	8	368	2.51	6	5	ND	1	23	.2	2	2	60	.43	.043	7	32	.60	123	.08	2	1.66	.01	.03	1	16
B 22+00N 47+50E	1	32	4	89	.2	22	7	339	2.63	2	5	ND	1	25	.2	2	2	62	.43	.046	7	34	.62	118	.08	4	1.74	.01	.04	1	1
B 22+00N 48+00E	1	38	6	118	.2	28	9	495	2.93	3	5	ND	1	29	.2	2	2	65	.52	.058	8	39	.67	173	.07	3	1.98	.01	.05	1	1
B 22+00N 48+50E	1	31	10	75	.1	28	8	403	2.65	6	5	ND	1	28	.2	2	4	60	.52	.067	7	35	.64	104	.10	3	1.46	.01	.05	1	6
B 22+00N 49+00E	1	20	12	80	.1	20	8	369	2.43	2	5	ND	1	26	.2	2	6	60	.49	.045	7	32	.56	118	.10	2	1.38	.01	.03	2	7
B 22+00N 49+50E	1	45	6	126	.2	24	11	944	2.94	4	5	ND	1	33	.2	2	2	67	.64	.060	9	38	.60	189	.08	4	1.90	.01	.05	1	7
STANDARD C/AU-S	18	60	41	132	7.3	67	30	1035	4.09	39	23	7	37	47	18.0	15	23	57	.52	.094	35	59	.92	176	.07	34	1.92	.06	.13	11	50

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 22+00N 50+00E	1	36	7	108	.2	33	10	428	3.57	10	5	ND	1	36	.8	2	2	75	.57	.043	6	35	.62	185	.07	2	1.96	.02	.04	1	5
B 22+00N 50+50E	1	33	8	82	.1	27	9	415	2.88	42	5	ND	1	25	.2	2	2	63	.46	.081	8	33	.58	142	.08	2	1.60	.03	.05	1	5
B 22+00N 51+00E	2	97	2	119	.8	44	12	561	3.70	13	5	ND	1	105	.8	2	2	77	1.16	.042	13	43	.67	197	.06	6	2.21	.02	.09	1	3
B 22+00N 51+50E	2	42	10	111	.3	24	14	512	4.52	5	5	ND	1	49	.2	2	8	107	.68	.061	4	31	1.12	88	.19	7	2.40	.03	.23	4	2
B 22+00N 52+00E	1	29	7	130	.4	34	10	649	3.13	5	5	ND	1	22	.9	3	2	68	.47	.090	6	37	.61	144	.09	3	1.80	.02	.06	1	4
B 22+00N 52+50E	1	44	4	155	.4	45	13	539	3.79	11	5	ND	1	23	.3	2	2	76	.47	.123	5	39	.68	126	.08	3	2.36	.01	.07	1	10
B 22+00N 53+00E	1	31	12	64	.3	25	8	378	2.67	8	5	ND	1	25	.2	2	2	61	.44	.060	6	31	.54	80	.09	4	1.27	.02	.05	1	4
B 22+00N 53+50E	1	15	6	66	.1	11	5	198	1.90	3	5	ND	1	21	.2	2	6	49	.41	.041	6	24	.31	93	.08	2	.97	.02	.04	1	2
B 22+00N 54+00E	1	22	6	60	.2	28	7	351	2.31	6	5	ND	1	32	.2	3	2	49	.49	.056	9	35	.58	102	.09	8	1.24	.03	.05	1	1
B 22+00N 54+50E	1	27	5	96	.2	23	6	295	2.18	3	5	ND	1	32	.2	2	2	50	.57	.032	7	28	.47	153	.06	2	1.24	.02	.04	1	2
B 22+00N 55+00E	1	16	6	93	.1	19	8	257	2.32	5	5	ND	1	21	.2	2	2	50	.37	.030	6	28	.40	111	.08	2	1.32	.02	.03	1	3
B 22+00N 55+50E	1	24	2	64	.1	28	6	308	2.54	3	5	ND	1	22	.2	2	4	52	.34	.044	7	34	.54	86	.09	3	1.35	.02	.03	1	1
B 22+00N 56+00E	1	17	8	69	.2	20	6	295	2.19	5	5	ND	1	26	.2	2	3	50	.44	.040	7	29	.44	104	.08	5	1.30	.02	.03	1	2
B 22+00N 56+50E	1	9	6	61	.1	13	4	200	1.59	2	5	ND	1	24	.2	2	5	46	.47	.046	5	20	.37	97	.10	3	1.01	.02	.05	1	3
B 22+00N 57+00E	1	24	2	80	.1	28	7	292	2.69	5	5	ND	1	24	.2	2	2	60	.42	.059	6	32	.64	95	.09	2	1.63	.02	.04	1	7
B 22+00N 57+50E	1	16	3	76	.2	19	4	226	2.18	2	5	ND	1	23	.2	2	2	51	.41	.082	6	27	.46	84	.09	4	1.39	.02	.03	1	3
B 22+00N 58+00E	2	139	2	146	.8	60	14	721	4.12	10	5	ND	1	81	1.0	2	2	83	1.23	.048	14	49	.67	271	.06	3	3.03	.01	.05	1	1
B 22+00N 59+00E	1	27	2	77	.2	23	5	286	2.05	2	5	ND	1	28	.2	2	2	51	.45	.022	8	30	.51	137	.08	2	1.52	.02	.04	1	4
B 22+00N 59+50E	1	13	5	81	.1	18	5	239	1.62	2	5	ND	1	24	.2	2	4	40	.38	.022	6	24	.43	110	.07	2	1.25	.02	.03	1	2
B 22+00N 60+00E	1	21	8	82	.1	29	8	287	2.27	4	5	ND	1	26	.2	2	2	51	.41	.021	7	32	.55	105	.08	2	1.34	.02	.03	1	2
B 22+00N 60+50E	1	20	5	57	.2	25	7	246	2.09	6	5	ND	1	25	.2	2	2	47	.36	.033	7	29	.51	113	.08	7	1.30	.02	.04	1	2
B 22+00N 61+00E	1	26	6	65	.1	23	6	238	2.33	3	5	ND	1	31	.2	2	4	61	.51	.017	6	31	.56	135	.07	2	1.70	.02	.03	1	3
B 22+00N 61+50E	1	26	7	105	.3	27	9	302	3.01	9	5	ND	1	22	.2	2	2	65	.38	.085	5	35	.60	94	.08	2	2.01	.01	.04	1	2
B 22+00N 62+00E	1	31	9	101	.2	24	9	402	2.39	7	5	ND	1	27	.7	2	2	56	.49	.027	8	34	.63	120	.10	2	1.46	.02	.05	1	1
B 22+00N 62+50E	1	17	2	88	.1	21	7	240	2.30	4	5	ND	1	20	.3	2	2	52	.34	.052	6	27	.45	113	.08	5	1.44	.02	.04	1	3
B 22+00N 63+00E	1	10	7	94	.2	12	8	334	2.27	2	5	ND	1	32	.2	2	3	60	.47	.019	5	25	.32	151	.07	3	1.22	.02	.04	1	1
B 22+00N 64+00E	1	13	9	82	.2	14	6	328	1.74	5	5	ND	1	19	.2	2	4	43	.32	.038	6	22	.26	101	.08	2	1.20	.02	.04	1	1
B 22+00N 64+50E	1	17	9	73	.3	23	7	251	2.46	6	5	ND	1	17	.2	2	4	53	.32	.044	5	29	.43	90	.07	2	1.32	.02	.03	1	3
B 22+00N 65+00E	1	10	14	88	.2	19	7	408	2.17	3	5	ND	1	17	.2	2	2	47	.33	.061	6	27	.41	99	.08	2	1.18	.01	.03	1	3
B 22+00N 65+50E	1	17	3	59	.1	19	6	501	2.16	4	5	ND	1	20	.2	2	2	50	.41	.058	5	26	.46	108	.08	3	1.13	.01	.04	1	1
B 22+00N 66+00E	1	9	2	73	.1	12	6	280	1.82	2	5	ND	1	17	.2	2	2	46	.32	.047	6	23	.30	94	.08	2	.96	.01	.04	1	1
B 22+00N 66+50E	1	14	2	81	.1	24	7	245	2.35	3	5	ND	1	20	.2	2	6	52	.38	.039	5	30	.46	71	.08	2	1.34	.01	.03	1	1
B 22+00N 67+00E	1	29	8	73	.2	25	7	405	2.36	2	5	ND	1	28	.2	2	5	49	.42	.023	7	30	.62	120	.08	2	1.49	.02	.04	3	2
B 22+00N 67+50E	1	19	3	41	.1	21	6	277	1.76	5	5	ND	1	19	.2	2	2	36	.30	.022	6	26	.43	61	.07	2	.86	.02	.02	1	3
B 22+00N 68+00E	2	30	12	71	.1	28	8	441	2.55	4	5	ND	1	28	.2	2	4	50	.42	.025	9	37	.59	104	.09	2	1.37	.02	.04	4	2
STANDARD C/AU-S	17	59	40	132	7.2	67	27	1027	4.02	41	21	6	36	48	18.2	14	22	56	.51	.096	37	57	.90	175	.07	33	1.92	.05	.13	11	45

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 22+00N 68+50E	2	150	16	152	1.0	74	14	859	5.19	14	9	ND	1	78	1.1	4	2	92	1.12	.077	27	72	.99	309	.05	2	3.28	.02	.09	1	5
B 22+00N 69+00E	1	29	15	99	.2	29	11	398	2.84	10	5	ND	1	33	.5	4	6	62	.52	.057	8	41	.61	130	.08	7	1.47	.02	.06	1	1
B 21+00N 51+00E	1	12	2	72	.1	15	5	308	1.81	6	5	ND	1	25	.3	2	2	46	.41	.055	5	23	.37	127	.09	6	.96	.01	.05	1	4
B 21+00N 51+50E	2	70	10	93	1.0	52	9	473	3.66	8	5	ND	1	88	.3	3	2	69	.84	.031	13	56	.58	184	.07	2	2.46	.01	.06	1	5
B 21+00N 52+00E	1	101	6	127	.9	55	13	704	4.25	9	5	ND	1	37	.5	4	2	84	.66	.046	16	58	.83	248	.07	4	2.82	.02	.06	1	4
B 21+00N 52+50E	2	16	15	99	.3	26	6	209	2.52	2	5	ND	1	24	.5	4	2	57	.37	.051	7	35	.38	147	.06	2	1.06	.01	.07	1	1
B 21+00N 53+00E	1	19	11	111	.2	23	8	491	2.61	3	5	ND	1	20	.2	3	2	60	.38	.066	6	31	.43	102	.08	2	1.26	.01	.05	2	1
B 21+00N 53+50E	1	16	9	131	.3	18	8	506	2.84	5	5	ND	1	25	.6	4	2	63	.48	.112	5	30	.42	155	.09	8	1.31	.01	.05	1	1
B 21+00N 54+00E	1	25	3	98	.3	26	8	340	2.76	5	5	ND	1	20	.2	2	2	62	.39	.060	7	34	.51	104	.08	9	1.65	.02	.03	2	1
B 21+00N 54+50E	1	21	2	91	.3	19	8	326	2.69	4	5	ND	1	27	.2	2	2	65	.51	.075	6	33	.52	114	.09	3	1.44	.01	.05	1	1
B 21+00N 55+00E	1	14	7	59	.1	13	5	191	1.87	5	5	ND	1	25	.2	2	2	50	.43	.044	6	24	.38	77	.09	6	1.15	.02	.03	1	1
B 21+00N 55+50E	1	50	15	106	.2	41	11	590	3.57	7	5	ND	1	38	.2	2	2	72	.57	.056	9	50	.92	169	.09	6	2.05	.02	.08	1	8
B 21+00N 56+00E	1	22	8	141	.2	30	13	1116	3.26	3	5	ND	1	29	1.0	3	2	67	.48	.143	6	35	.55	177	.07	4	1.92	.01	.05	1	1
B 20+00N 41+00E	1	29	7	106	.2	30	11	558	3.10	3	5	ND	1	34	.2	2	3	73	.68	.035	7	41	.54	167	.07	5	1.85	.01	.04	2	2
B 20+00N 41+50E	1	51	13	101	.5	38	13	586	3.92	9	5	ND	1	41	.2	3	2	82	.82	.044	9	51	.81	170	.11	7	2.24	.02	.07	1	3
B 20+00N 42+00E	1	34	10	95	.3	26	6	260	2.17	2	5	ND	1	24	.2	2	4	53	.42	.047	7	35	.65	123	.08	5	1.97	.02	.05	1	1
B 20+00N 42+50E	1	13	5	76	.2	17	4	198	1.89	2	5	ND	1	20	.6	2	3	52	.39	.061	6	24	.43	90	.09	3	1.33	.01	.03	1	1
B 20+00N 43+00E	1	18	9	66	.3	16	5	262	1.79	2	5	ND	1	23	.2	2	2	49	.43	.025	7	27	.55	99	.09	4	1.35	.01	.03	1	6
B 20+00N 43+50E	1	30	6	89	.2	24	8	316	2.53	2	5	ND	1	22	.5	2	2	59	.41	.040	7	32	.63	115	.09	9	1.92	.02	.04	1	2
B 20+00N 44+00E	1	22	7	67	.1	20	6	303	2.31	3	5	ND	1	19	.2	2	2	58	.39	.052	5	28	.55	111	.08	3	1.49	.01	.03	1	1
B 20+00N 44+50E	1	27	7	93	.1	22	7	253	2.33	2	5	ND	1	21	.2	2	2	58	.37	.034	7	31	.54	129	.09	2	1.70	.01	.04	1	1
B 20+00N 45+00E	1	15	2	69	.1	17	5	210	1.79	2	5	ND	1	21	.5	2	2	46	.37	.043	6	25	.45	106	.08	3	1.28	.01	.03	1	1
B 20+00N 45+50E	1	26	12	91	.1	26	7	274	2.84	2	5	ND	1	22	.3	2	2	63	.41	.074	6	33	.55	107	.08	2	1.76	.01	.04	1	1
B 20+00N 46+00E	1	20	12	76	.1	21	5	247	2.02	2	5	ND	1	21	.2	2	2	50	.39	.030	7	27	.53	99	.09	7	1.41	.01	.03	1	1
B 20+00N 46+50E	1	27	13	86	.3	25	7	322	2.47	2	5	ND	1	23	.8	2	2	57	.40	.045	7	33	.57	136	.07	2	1.78	.01	.04	1	1
B 20+00N 47+00E	1	19	2	74	.2	19	5	289	1.88	2	5	ND	1	22	.2	2	2	47	.37	.027	7	27	.58	116	.07	6	1.60	.01	.04	1	8
B 20+00N 47+50E	1	22	7	69	.4	21	6	278	2.06	2	5	ND	1	20	.2	2	2	50	.36	.037	6	29	.54	107	.08	2	1.45	.01	.04	1	1
B 20+00N 48+00E	1	25	6	68	.1	20	6	274	2.21	2	5	ND	1	21	.2	2	2	55	.42	.049	7	29	.54	99	.08	4	1.46	.02	.04	1	1
B 20+00N 48+50E	1	34	9	94	.2	27	8	461	2.76	2	5	ND	1	25	.2	2	2	62	.44	.065	7	36	.62	138	.08	4	1.53	.02	.05	2	1
B 20+00N 49+00E	2	27	13	132	.2	28	10	823	2.79	6	5	ND	1	28	.6	2	2	61	.51	.035	7	37	.44	142	.07	4	1.63	.01	.03	2	1
B 20+00N 50+50E	1	22	8	100	.4	26	9	383	2.86	4	5	ND	1	25	.2	2	2	63	.49	.065	6	34	.48	128	.08	7	1.61	.01	.06	1	1
B 20+00N 51+00E	1	13	4	114	.1	16	7	319	2.32	2	5	ND	1	23	.2	2	2	55	.46	.076	5	27	.37	99	.09	7	1.10	.01	.05	1	1
B 20+00N 51+50E	1	29	10	75	.1	31	9	392	2.73	2	5	ND	1	29	.2	2	2	57	.50	.077	5	33	.55	129	.08	3	1.47	.01	.05	1	1
B 20+00N 52+00E	1	24	5	106	.1	24	9	405	2.89	2	5	ND	1	21	.2	2	2	60	.40	.065	6	33	.53	112	.09	5	1.43	.01	.05	1	1
B 20+00N 52+50E	1	15	6	119	.2	15	7	471	2.37	2	5	ND	1	19	.4	2	2	54	.35	.080	6	27	.30	128	.08	2	1.14	.01	.05	1	1
B 20+00N 53+00E	1	20	6	116	.1	22	9	493	2.77	2	5	ND	1	26	.4	2	2	58	.47	.072	7	32	.48	148	.08	4	1.38	.01	.06	1	1
STANDARD C/AU-S	17	59	45	133	7.2	70	30	1029	4.07	39	21	6	36	47	18.4	15	17	57	.51	.097	36	59	.91	172	.07	39	1.94	.05	.14	12	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 20+00N 53+50E	2	61	10	113	.5	42	12	1804	3.80	7	5	ND	1	37	.8	2	2	69	.75	.058	11	45	.67	211	.06	4	2.52	.01	.06	1	1
B 20+00N 54+00E	1	71	9	142	.8	50	14	1011	4.29	5	5	ND	1	34	.5	2	2	77	.71	.042	12	52	.85	232	.06	4	2.77	.01	.07	1	2
B 20+00N 54+50E	1	62	16	146	.5	43	13	1225	3.74	8	5	ND	1	37	1.1	2	2	68	.83	.048	10	49	.81	231	.06	2	2.38	.01	.06	1	1
B 20+00N 55+00E	1	24	6	130	.3	23	9	341	2.90	3	5	ND	1	21	.5	3	2	57	.46	.084	7	30	.50	133	.07	8	1.57	.01	.04	2	1
B 20+00N 55+50E	1	18	8	253	.3	17	10	1075	2.98	6	5	ND	1	31	1.6	4	2	51	.52	.155	6	27	.44	153	.07	8	1.28	.01	.06	1	2
B 19+00N 41+00E	1	50	2	84	.3	31	9	534	2.66	2	5	ND	1	36	.7	2	2	58	.62	.042	10	37	.65	193	.07	2	1.90	.01	.04	1	1
B 19+00N 41+50E	1	9	2	55	.1	14	4	156	1.85	2	5	ND	1	15	.2	2	2	43	.24	.031	6	24	.27	72	.07	4	.85	.01	.02	1	1
B 19+00N 42+00E	2	77	30	190	1.2	67	20	1248	4.48	4	5	ND	1	42	.4	2	2	64	.74	.062	18	47	.80	365	.02	2	3.61	.01	.06	1	2
B 19+00N 42+50E	1	69	16	161	.6	54	10	435	3.92	3	5	ND	1	29	.4	2	2	73	.47	.056	9	60	.97	252	.04	2	3.56	.01	.08	1	3
B 19+00N 43+00E	1	43	2	81	.2	27	8	521	2.72	5	5	ND	1	24	.2	2	2	54	.43	.047	10	33	.61	132	.07	6	1.83	.01	.03	1	3
B 19+00N 43+50E	1	34	3	71	.1	23	6	321	2.38	2	5	ND	1	20	.2	2	2	52	.39	.037	7	30	.62	101	.08	4	1.63	.01	.03	1	1
B 19+00N 44+00E	1	54	8	90	.3	33	7	370	3.14	4	5	ND	1	23	.3	2	2	65	.42	.051	9	39	.70	134	.08	7	2.17	.01	.05	1	1
B 19+00N 44+50E	1	66	12	137	.5	40	12	697	4.01	7	5	ND	1	24	.7	2	2	77	.41	.070	12	52	.76	194	.05	2	3.08	.01	.05	1	2
B 19+00N 45+00E	1	39	6	80	.1	26	7	339	2.73	6	5	ND	1	22	.2	2	2	58	.40	.050	7	34	.65	112	.08	4	1.79	.01	.04	1	1
B 19+00N 45+50E	1	26	2	65	.1	22	5	285	2.36	2	5	ND	1	23	.2	2	4	54	.45	.049	8	29	.60	92	.09	2	1.39	.01	.03	1	3
B 19+00N 46+00E	1	40	5	101	.1	32	9	537	2.90	4	5	ND	1	30	.3	2	2	60	.54	.045	10	39	.71	163	.06	5	1.93	.01	.04	1	1
B 19+00N 46+50E	1	41	3	90	.4	30	7	343	2.49	4	5	ND	1	25	.4	2	2	50	.46	.041	9	37	.68	170	.05	2	2.11	.01	.05	1	3
B 19+00N 47+00E	1	36	7	64	.1	26	7	373	2.69	4	5	ND	1	23	.2	2	3	57	.43	.047	8	34	.63	108	.08	4	1.55	.01	.04	1	1
B 19+00N 56+00E	2	23	5	133	.2	26	9	554	3.47	5	5	ND	1	23	.3	2	2	66	.43	.099	5	34	.52	144	.07	4	1.52	.01	.06	1	3
B 19+00N 56+50E	1	29	3	273	.3	25	14	1942	3.43	3	5	ND	1	37	3.9	2	2	66	.69	.091	5	32	.45	280	.07	4	1.47	.01	.08	1	2
B 19+00N 57+00E	1	24	8	66	.2	25	7	325	2.55	2	5	ND	1	23	.6	3	2	53	.45	.023	7	33	.44	104	.07	8	1.32	.01	.02	1	4
B 19+00N 57+50E	1	42	5	68	.1	38	9	510	2.99	8	5	ND	1	33	.6	2	2	56	.74	.042	7	40	.53	145	.06	8	1.38	.01	.03	1	3
B 19+00N 58+00E	1	19	6	90	.2	24	8	742	2.43	2	5	ND	1	36	.8	2	2	45	.80	.033	5	34	.42	141	.06	2	1.08	.01	.03	1	1
B 19+00N 58+50E	1	26	2	57	.3	29	7	448	2.60	3	5	ND	1	49	.7	2	4	51	.70	.029	7	36	.39	113	.06	5	1.37	.01	.02	1	1
B 19+00N 59+00E	1	16	2	56	.1	35	8	218	2.66	4	5	ND	1	15	.2	2	2	54	.26	.055	5	37	.48	119	.08	4	1.60	.01	.02	1	3
B 19+00N 59+50E	1	26	3	106	.1	30	9	593	2.78	3	5	ND	1	29	.5	3	2	56	.50	.100	6	34	.61	145	.07	2	1.36	.01	.05	1	3
B 19+00N 60+00E	1	20	2	91	.1	29	6	276	2.56	4	5	ND	1	20	.3	2	2	54	.41	.053	6	33	.46	106	.07	10	1.28	.01	.03	1	1
B 19+00N 60+50E	1	23	4	69	.1	26	8	232	2.39	4	5	ND	1	22	.2	2	2	48	.38	.067	6	32	.41	87	.08	6	1.22	.01	.02	1	1
B 19+00N 61+00E	1	10	4	76	.1	13	5	237	1.75	2	5	ND	1	16	.2	2	2	41	.33	.042	5	25	.32	83	.07	4	1.08	.01	.03	1	3
B 19+00N 61+50E	1	13	2	78	.1	22	6	231	2.27	3	5	ND	1	18	.3	2	2	44	.34	.050	6	31	.51	81	.08	4	1.21	.01	.03	1	3
B 19+00N 62+00E	1	15	2	70	.1	22	7	316	2.19	2	5	ND	1	20	.3	2	3	44	.35	.043	7	29	.51	75	.08	4	1.16	.01	.04	1	2
B 19+00N 62+50E	1	19	2	100	.1	24	7	356	2.41	3	5	ND	1	21	.2	2	2	46	.35	.038	8	31	.59	88	.09	4	1.33	.01	.04	1	4
B 19+00N 63+00E	1	25	3	88	.1	24	10	540	2.70	2	5	ND	1	25	.2	3	2	52	.39	.045	9	35	.66	111	.08	4	1.45	.01	.04	1	3
B 19+00N 63+50E	1	31	13	129	.3	35	10	522	3.03	3	5	ND	1	24	.2	2	2	57	.38	.055	9	40	.71	139	.06	15	1.80	.01	.04	1	2
B 19+00N 64+00E	1	24	9	88	.1	31	9	415	2.84	2	5	ND	1	23	.2	2	3	54	.36	.034	8	37	.75	99	.09	4	1.44	.01	.05	1	2
B 19+00N 64+50E	1	24	5	91	.1	30	9	446	2.84	2	5	ND	1	23	.4	3	4	54	.38	.037	8	38	.72	96	.09	5	1.38	.01	.04	1	1
STANDARD C/AU-S	18	59	35	132	7.2	69	27	1020	4.11	37	19	7	36	48	18.6	14	23	55	.52	.092	35	56	.92	175	.07	36	1.93	.06	.13	12	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 19+00N 65+00E	1	21	7	80	.2	25	8	340	2.59	2	5	ND	1	23	.5	3	2	52	.36	.033	8	35	.68	85	.09	4	1.35	.01	.04	1	2
B 19+00N 65+50E	1	27	4	78	.1	30	8	375	2.58	7	5	ND	1	27	.7	2	2	51	.39	.038	10	39	.69	101	.10	6	1.35	.01	.04	1	2
B 19+00N 66+00E	1	27	7	74	.1	28	8	335	2.50	6	5	ND	1	27	1.3	3	2	48	.38	.033	11	40	.72	96	.10	3	1.42	.01	.04	2	1
B 19+00N 66+50E	1	33	6	75	.1	29	8	373	2.83	5	5	ND	1	33	.6	2	2	57	.49	.053	10	40	.83	104	.11	4	1.54	.01	.05	1	2
B 19+00N 67+00E	1	28	4	75	.1	26	7	295	2.40	5	5	ND	1	27	.2	2	2	51	.39	.029	9	39	.75	99	.10	3	1.56	.01	.04	2	1
B 19+00N 67+50E	1	28	10	92	.1	27	6	292	2.48	4	5	ND	1	27	.3	2	2	52	.41	.037	9	41	.74	101	.10	5	1.59	.01	.04	1	5
B 19+00N 68+00E	1	27	8	72	.1	27	8	368	2.72	6	5	ND	1	27	.5	3	2	52	.38	.038	10	40	.71	88	.11	4	1.37	.01	.04	1	2
B 19+00N 68+50E	1	27	9	105	.1	28	8	318	2.74	7	5	ND	1	23	.2	2	3	55	.34	.054	8	40	.65	106	.09	2	1.57	.01	.03	1	2
B 19+00N 69+00E	1	25	3	77	.1	25	7	376	2.58	5	5	ND	1	27	.6	2	2	56	.44	.062	8	36	.68	96	.10	3	1.35	.01	.04	2	5
B 18+00N 41+00E	1	36	2	61	.1	24	8	421	2.49	4	5	ND	1	34	.8	2	2	57	.60	.066	11	35	.62	121	.11	2	1.40	.02	.04	1	7
B 18+00N 41+50E	1	126	15	185	.7	47	13	692	4.20	8	5	ND	1	50	1.4	2	4	85	.89	.050	15	52	.83	221	.07	4	2.91	.01	.06	1	5
B 18+00N 42+00E	1	68	11	146	.4	46	14	908	3.80	5	5	ND	1	38	.7	2	2	77	.61	.060	9	46	.83	237	.07	3	2.71	.01	.05	1	1
B 18+00N 42+50E	1	27	6	90	.1	21	6	323	2.47	5	5	ND	1	27	.7	2	2	58	.49	.067	8	32	.65	122	.10	7	1.57	.01	.04	1	2
B 18+00N 43+00E	4	152	14	187	1.2	69	14	12324	6.36	7	5	ND	1	45	4.2	2	2	95	.59	.083	19	62	1.95	457	.07	2	4.82	.01	.06	1	5
B 18+00N 43+50E	1	54	6	118	.4	31	7	531	2.90	3	5	ND	1	26	.7	2	2	60	.45	.061	9	44	.75	178	.07	3	2.43	.01	.05	1	5
B 18+00N 44+00E	1	29	10	62	.1	25	6	259	1.96	2	5	ND	1	23	.3	2	2	46	.43	.040	7	31	.65	106	.09	5	1.48	.01	.03	1	1
B 18+00N 44+50E	1	46	2	73	.1	31	7	327	2.59	3	5	ND	1	40	.3	2	2	54	.68	.047	14	42	.63	140	.08	4	1.60	.01	.03	1	1
B 18+00N 46+00E	1	35	12	64	.1	22	7	322	2.60	2	5	ND	1	24	.2	3	3	60	.43	.056	8	32	.63	119	.09	8	1.54	.01	.03	1	5
B 18+00N 46+50E	1	28	13	73	.2	20	7	243	2.39	2	5	ND	1	20	.4	2	2	57	.37	.028	6	29	.57	124	.07	2	1.63	.01	.03	1	2
B 18+00N 47+00E	1	13	10	55	.3	10	4	136	1.35	2	5	ND	1	19	.4	2	2	38	.33	.034	6	21	.31	86	.06	3	1.37	.01	.03	2	5
B 18+00N 47+50E	1	49	10	187	.2	31	12	914	3.18	2	5	ND	1	38	1.1	2	2	62	.67	.074	9	44	.73	176	.07	6	2.00	.01	.05	1	7
B 18+00N 48+00E	1	62	5	120	.3	38	14	743	3.75	8	5	ND	1	59	1.2	2	2	69	1.10	.045	10	47	.69	204	.08	3	1.97	.01	.06	2	5
B 18+00N 48+50E	2	131	17	184	1.0	63	14	1075	4.87	8	5	ND	1	63	1.6	2	4	85	1.21	.072	18	60	.83	300	.06	6	3.16	.01	.08	1	6
B 18+00N 49+00E	1	42	11	109	.6	38	11	597	3.53	9	5	ND	1	35	1.1	2	3	67	.62	.033	12	46	.68	195	.10	10	2.02	.02	.05	1	7
B 18+00N 49+50E	1	14	8	129	.1	18	8	309	2.31	2	5	ND	1	21	.9	2	2	51	.39	.052	6	27	.41	87	.08	8	1.33	.01	.04	1	1
B 18+00N 50+00E	1	42	6	117	.4	36	11	1043	3.42	3	5	ND	1	39	.9	2	3	67	.76	.041	9	44	.64	203	.07	4	2.21	.01	.05	1	5
B 18+00N 50+50E	1	53	7	82	.1	32	12	511	3.52	2	5	ND	1	28	.7	2	2	71	.52	.031	7	44	.65	120	.09	3	1.90	.01	.05	1	1
B 18+00N 51+00E	1	44	21	257	.3	24	18	2625	3.64	2	6	ND	1	47	1.4	2	2	73	.73	.069	6	34	.47	161	.08	6	1.85	.01	.06	1	1
B 18+00N 51+50E	1	92	11	168	.2	36	13	637	3.96	6	5	ND	1	27	.8	2	2	80	.40	.077	7	40	.74	138	.09	5	2.82	.01	.05	1	4
B 18+00N 52+00E	1	121	21	639	.8	36	32	4774	4.28	5	5	ND	1	105	9.4	2	2	69	1.15	.288	7	32	.69	358	.05	9	2.94	.01	.07	2	1
B 18+00N 52+50E	28	234	19	893	.7	110	46	3113	7.46	20	6	ND	1	76	14.9	4	2	109	.87	.271	18	73	1.38	286	.07	2	3.03	.01	.11	1	4
B 18+00N 53+00E	2	26	14	526	.3	30	15	3139	3.32	2	5	ND	1	43	5.3	2	2	51	.67	.250	7	31	.45	408	.07	3	1.80	.01	.07	1	2
B 18+00N 53+50E	1	104	37	529	.4	16	27	2494	7.64	7	5	ND	1	104	2.2	2	2	127	.66	.600	5	27	.93	151	.10	11	3.27	.01	.08	1	1
B 18+00N 54+00E	2	44	9	209	.5	36	13	657	4.27	6	5	ND	1	59	1.7	2	2	80	.99	.072	7	40	.58	204	.09	4	2.25	.01	.04	1	2
B 18+00N 54+50E	1	23	8	143	.1	23	10	1014	2.64	4	5	ND	1	51	.4	3	2	49	.54	.127	6	29	.39	147	.07	5	1.30	.01	.07	2	2
B 18+00N 55+00E	1	19	8	183	.1	16	12	2349	2.72	2	5	ND	1	26	2.3	2	2	50	.45	.103	6	28	.33	324	.09	2	1.08	.01	.06	2	2
STANDARD C/AU-S	17	62	36	132	7.2	67	28	1032	4.07	38	22	6	36	48	18.4	15	20	55	.52	.095	35	57	.91	175	.07	37	1.91	.06	.13	11	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 18+00N 55+50E	1	21	6	149	.2	25	8	376	2.64	3	5	ND	1	21	.2	2	2	53	.41	.033	7	31	.59	105	.09	3	1.51	.01	.04	2	1
B 18+00N 56+50E	1	19	9	54	.2	22	6	345	2.36	2	5	ND	1	26	.5	2	2	49	.50	.029	7	32	.43	92	.07	5	1.22	.01	.02	1	3
B 18+00N 57+00E	1	16	6	45	.2	21	7	286	2.42	5	5	ND	1	23	.4	3	3	51	.43	.042	6	32	.52	90	.08	3	1.25	.01	.02	1	3
B 18+00N 57+50E	1	14	12	48	.2	20	6	249	2.24	7	5	ND	1	25	.4	2	4	48	.45	.025	6	31	.37	99	.07	5	1.10	.01	.02	2	1
B 18+00N 58+00E	1	16	17	109	.2	20	8	534	2.52	5	5	ND	1	25	.2	2	2	52	.48	.035	6	32	.51	136	.07	5	1.24	.01	.03	1	1
B 18+00N 58+50E	1	27	6	57	.1	25	6	261	2.26	2	5	ND	1	39	.7	2	3	45	.79	.057	8	34	.48	107	.07	6	1.08	.01	.03	1	4
B 18+00N 59+00E	1	8	16	90	.1	18	8	606	2.43	5	5	ND	1	23	.7	2	2	53	.37	.032	5	32	.38	125	.08	2	1.20	.01	.03	1	1
B 18+00N 59+50E	1	10	13	48	.1	16	6	157	2.33	7	5	ND	1	24	.5	2	4	52	.35	.025	5	31	.38	87	.08	4	1.16	.01	.02	1	1
B 18+00N 60+00E	1	11	6	83	.2	20	8	275	2.52	3	5	ND	1	20	.2	2	2	50	.37	.051	6	34	.36	92	.08	3	1.32	.01	.03	1	2
B 17+00N 46+00E	1	31	9	85	.1	27	6	295	2.80	3	5	ND	1	22	.2	2	2	61	.38	.040	7	36	.63	114	.09	7	1.75	.01	.03	1	1
B 17+00N 46+50E	1	22	2	70	.3	19	5	241	2.18	4	5	ND	1	19	.4	2	2	51	.38	.031	6	27	.55	98	.08	5	1.40	.01	.02	1	3
B 17+00N 47+00E	1	38	6	127	.2	27	9	456	2.97	2	5	ND	1	22	.2	2	2	62	.41	.044	7	41	.60	154	.06	3	2.17	.01	.04	1	7
B 17+00N 47+50E	1	29	9	90	.2	24	8	331	2.35	5	5	ND	1	34	.3	2	2	53	.63	.032	8	33	.65	141	.09	4	1.61	.01	.03	1	3
B 17+00N 48+50E	1	22	2	48	.2	20	9	362	2.56	8	5	ND	1	31	.2	3	2	57	.68	.015	6	33	.57	127	.10	5	1.37	.01	.03	1	1
B 17+00N 49+00E	2	65	13	111	.5	49	13	700	4.48	15	5	ND	1	41	1.7	3	2	84	.84	.025	10	55	.75	217	.08	3	2.55	.01	.06	1	1
B 17+00N 49+50E	1	56	5	106	.9	43	12	714	4.01	15	5	ND	1	38	.5	3	5	73	.85	.032	10	50	.67	185	.08	5	2.37	.01	.05	1	1
B 17+00N 50+00E	3	73	14	141	.8	52	13	1181	4.72	17	5	ND	1	44	.3	2	4	84	.95	.040	12	58	.72	226	.08	4	2.84	.01	.08	2	1
B 17+00N 50+50E	1	19	5	83	.1	20	9	366	2.42	7	5	ND	1	24	.2	2	3	54	.52	.056	6	31	.50	77	.09	2	1.24	.01	.03	1	2
B 17+00N 51+00E	1	16	2	104	.1	21	8	437	2.62	4	5	ND	1	26	.4	2	5	54	.50	.095	6	31	.47	94	.08	3	1.35	.01	.05	1	5
B 17+00N 51+50E	1	28	11	201	.3	18	15	2470	3.19	3	5	ND	1	37	.9	2	4	47	.64	.091	5	18	.40	175	.02	2	1.36	.01	.08	1	1
B 17+00N 52+00E	7	25	7	326	.5	29	9	778	3.52	5	5	ND	1	71	3.8	2	2	58	1.50	.039	6	41	.62	104	.07	8	2.05	.01	.03	1	2
B 17+00N 52+50E	3	38	8	80	.1	34	12	415	3.51	11	5	ND	1	26	.7	2	3	70	.51	.025	6	39	.67	107	.09	4	1.94	.01	.04	2	1
B 17+00N 53+50E	2	48	6	86	.5	31	8	451	2.95	7	5	ND	1	59	.7	2	2	57	1.28	.044	9	40	.60	144	.07	5	1.69	.01	.04	2	2
B 17+00N 54+00E	1	12	3	90	.2	17	6	270	1.99	2	5	ND	1	23	.2	2	3	45	.48	.022	7	26	.38	86	.09	6	1.12	.01	.03	1	1
B 17+00N 54+50E	1	37	4	134	.5	26	13	957	3.07	13	5	ND	1	38	.4	2	2	60	.74	.048	10	36	.43	162	.06	5	1.82	.01	.04	1	1
B 17+00N 55+50E	1	17	5	66	.1	23	8	277	2.69	4	5	ND	1	26	.2	2	2	58	.46	.019	5	35	.43	135	.08	2	1.48	.01	.02	1	2
B 17+00N 56+00E	1	21	6	77	.2	23	9	382	2.48	7	5	ND	1	22	.2	2	2	52	.38	.029	6	33	.40	104	.07	2	1.23	.01	.02	1	1
B 17+00N 56+50E	1	16	8	109	.2	23	10	1130	2.75	8	5	ND	1	19	.2	2	2	57	.38	.066	6	35	.41	138	.07	2	1.34	.01	.03	1	2
B 17+00N 57+00E	1	20	2	73	.3	19	9	445	2.92	8	5	ND	1	24	.8	2	2	59	.43	.039	6	34	.42	94	.07	3	1.31	.01	.03	2	1
B 17+00N 57+50E	1	12	2	48	.1	19	6	248	2.15	7	5	ND	1	26	.3	2	2	49	.49	.027	6	30	.46	87	.08	4	1.05	.01	.02	1	1
B 17+00N 58+00E	1	22	6	74	.1	27	7	384	2.35	5	5	ND	1	31	.6	2	2	46	.59	.035	8	35	.48	132	.07	3	1.31	.01	.03	1	1
B 17+00N 58+50E	1	12	2	83	.1	18	6	266	1.96	4	5	ND	1	20	.7	2	2	44	.35	.030	7	29	.38	109	.07	3	1.10	.01	.02	1	1
B 17+00N 59+00E	1	17	4	80	.1	20	6	225	2.28	2	5	ND	1	25	.2	2	2	48	.39	.032	8	33	.43	115	.07	2	1.26	.01	.03	1	1
B 17+00N 59+50E	1	18	2	100	.1	23	7	402	2.52	7	5	ND	1	30	.9	2	2	51	.53	.034	7	39	.56	123	.08	3	1.32	.01	.03	1	1
B 14+00N 54+50E	1	37	10	473	.6	24	27	4951	4.06	9	5	ND	1	29	4.2	2	2	73	.55	.147	5	31	.45	281	.07	3	1.84	.01	.06	1	1
B 14+00N 54+55E	1	14	2	278	.4	16	12	479	4.27	9	5	ND	1	20	.9	2	3	83	.41	.195	5	35	.59	132	.11	2	2.06	.01	.06	2	1
STANDARD C/AU-S	18	58	36	131	7.2	66	28	1027	4.02	39	20	7	36	48	17.6	15	18	55	.52	.092	37	57	.90	175	.08	33	1.88	.06	.13	12	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 14+00N 55+50E	1	21	15	59	.1	31	9	265	2.77	7	5	ND	1	18	.9	3	4	56	.31	.061	5	37	.44	71	.08	4	1.39	.01	.03	1	7
B 14+00N 56+00E	1	10	13	89	.2	18	5	201	2.41	6	5	ND	1	17	.9	2	2	56	.32	.049	4	30	.33	77	.09	2	1.29	.01	.04	1	1
B 14+00N 56+50E	1	38	16	108	.3	38	12	405	3.63	6	5	ND	1	26	.4	2	3	78	.43	.058	6	43	.91	111	.12	2	2.12	.01	.06	1	2
B 14+00N 57+00E	1	20	2	89	.2	26	8	291	2.68	3	5	ND	1	20	.7	3	5	60	.32	.030	6	33	.53	104	.09	3	1.61	.02	.04	1	1
B 14+00N 57+50E	1	17	6	61	.1	24	6	275	2.13	7	5	ND	1	25	.4	3	3	45	.35	.025	8	34	.55	101	.09	2	1.25	.02	.03	1	1
B 14+00N 58+00E	1	17	3	103	.2	20	7	242	2.24	6	5	ND	1	22	1.0	2	2	49	.35	.038	8	36	.54	110	.09	5	1.39	.02	.04	1	1
B 14+00N 58+50E	1	26	2	102	.1	29	10	450	2.89	8	5	ND	1	32	.5	3	4	61	.51	.098	7	34	.68	98	.10	4	1.39	.01	.08	2	2
B 14+00N 59+00E	2	92	21	160	.5	55	14	817	4.92	13	5	ND	1	51	.9	2	2	94	.78	.076	12	66	1.03	254	.05	5	2.91	.02	.08	1	1
B 14+00N 59+50E	1	27	5	86	.1	30	8	325	2.74	4	5	ND	1	28	.2	2	2	59	.41	.063	9	38	.71	107	.10	2	1.58	.02	.05	1	1
B 14+00N 60+00E	1	28	8	109	.1	31	9	330	2.86	9	5	ND	1	26	.2	2	2	60	.36	.057	9	42	.69	115	.09	4	1.75	.02	.05	2	1
B 13+00N 36+00E	1	16	9	79	.1	26	6	246	2.24	5	5	ND	1	26	.4	2	2	45	.39	.069	8	33	.54	91	.08	2	1.21	.01	.04	1	4
B 13+00N 36+50E	1	15	6	66	.1	24	5	216	1.89	3	5	ND	1	22	.5	2	3	43	.33	.036	7	31	.59	85	.08	3	1.26	.01	.03	2	7
B 13+00N 37+00E	1	17	5	67	.1	22	6	215	2.07	4	5	ND	1	22	.3	2	2	49	.38	.040	7	29	.57	91	.09	2	1.31	.01	.03	1	2
B 13+00N 37+50E	1	20	10	76	.2	18	7	356	2.16	4	5	ND	1	24	.2	2	2	55	.42	.044	7	28	.52	119	.09	7	1.44	.02	.04	1	1
B 13+00N 38+00E	1	52	18	119	.4	40	9	485	3.34	7	5	ND	1	26	.2	2	2	67	.39	.054	8	50	.80	183	.06	4	2.65	.01	.07	1	1
B 13+00N 38+50E	1	21	2	65	.1	19	5	302	2.15	2	5	ND	1	22	.2	3	2	54	.38	.045	7	29	.52	101	.09	7	1.42	.02	.03	1	3
B 13+00N 39+00E	1	31	9	84	.1	26	10	378	3.05	7	5	ND	1	26	.8	2	2	70	.44	.044	6	34	.54	118	.10	4	1.64	.01	.04	1	1
B 13+00N 39+50E	1	27	2	86	.1	26	8	295	2.32	5	5	ND	1	25	.2	2	2	57	.48	.026	6	31	.52	121	.09	4	1.62	.02	.03	1	1
B 13+00N 40+00E	1	10	7	78	.2	16	5	168	2.04	3	5	ND	1	22	.3	2	2	50	.38	.095	5	26	.28	77	.08	2	1.21	.02	.05	1	1
B 13+00N 40+50E	1	43	18	155	.4	45	13	334	3.68	7	5	ND	1	26	.2	2	2	74	.39	.119	5	42	.56	117	.09	4	2.67	.01	.05	2	13
B 13+00N 41+00E	1	20	11	86	.2	22	7	280	2.16	5	5	ND	1	24	.3	3	2	53	.41	.043	6	28	.50	98	.09	2	1.37	.01	.04	2	5
B 13+00N 41+50E	1	32	13	85	.1	28	9	372	2.86	7	5	ND	1	26	.2	2	2	64	.45	.074	6	34	.57	99	.09	2	1.53	.02	.05	1	7
B 13+00N 42+00E	1	19	10	120	.2	21	6	303	2.51	2	5	ND	1	24	.7	2	2	58	.46	.096	6	28	.41	153	.10	2	1.38	.01	.05	1	2
B 13+00N 42+50E	1	73	14	229	.8	47	19	2136	4.56	4	5	ND	1	51	1.3	2	2	86	1.13	.094	14	43	.56	271	.09	2	3.51	.01	.06	1	2
B 13+00N 43+00E	1	31	4	113	.1	26	10	409	2.88	6	6	ND	1	25	.2	2	2	65	.45	.038	6	35	.52	140	.09	3	1.62	.01	.05	1	6
B 13+00N 43+50E	1	23	7	99	.2	24	8	368	2.67	2	5	ND	1	25	.2	2	2	59	.42	.069	5	29	.47	116	.08	4	1.43	.01	.05	1	2
B 13+00N 44+00E	1	18	4	164	.5	23	8	258	3.13	2	5	ND	1	23	.2	2	2	62	.38	.150	5	32	.43	105	.08	7	1.69	.02	.05	1	2
B 13+00N 44+50E	1	23	15	241	.5	25	11	428	4.33	9	5	ND	1	18	.2	2	2	74	.33	.210	5	31	.60	165	.08	5	2.43	.01	.05	1	1
B 13+00N 46+00E	1	27	4	94	.2	24	10	381	3.13	4	5	ND	1	21	.2	3	2	71	.31	.070	5	35	.41	98	.08	9	1.76	.02	.04	1	2
B 13+00N 46+50E	1	29	12	120	.3	37	10	304	3.29	6	5	ND	1	25	.2	2	2	66	.45	.135	5	36	.59	95	.08	6	2.02	.02	.04	1	1
B 13+00N 47+00E	1	20	3	137	.2	28	10	338	3.13	4	5	ND	1	23	.2	2	2	64	.41	.167	6	35	.53	132	.08	2	1.81	.01	.05	1	1
B 13+00N 47+50E	1	47	2	89	.1	35	10	495	3.21	7	5	ND	1	27	.2	3	2	65	.42	.054	8	39	.73	120	.10	6	1.74	.02	.05	2	4
B 13+00N 49+00E	1	44	5	123	.4	45	12	333	3.79	7	5	ND	1	17	.2	2	2	75	.24	.079	6	45	.58	114	.07	5	2.72	.01	.04	2	1
B 13+00N 49+50E	1	13	13	138	.2	34	8	253	2.73	2	5	ND	1	14	.2	3	2	53	.26	.128	6	38	.42	94	.07	8	1.62	.01	.03	1	3
B 13+00N 50+00E	1	22	2	120	1.0	15	8	592	2.26	17	5	ND	1	13	.4	12	2	38	.25	.115	4	22	.36	82	.05	8	1.37	.01	.04	1	1
B 13+00N 50+50E	1	27	11	122	.3	29	9	462	3.13	4	5	ND	1	18	.2	2	2	60	.31	.101	6	33	.52	85	.09	2	1.86	.01	.04	1	2
STANDARD C/AU-S	18	61	38	132	7.2	67	30	1032	4.07	40	21	7	37	47	17.8	15	19	57	.51	.097	37	58	.91	172	.07	33	1.94	.05	.13	11	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 13+00N 51+50E	1	28	5	77	.2	25	8	301	2.62	8	5	ND	1	21	.3	2	2	65	.31	.038	7	35	.55	101	.09	2	1.60	.01	.03	1	3
B 13+00N 52+00E	1	15	4	83	.3	17	7	307	2.63	5	5	ND	1	24	.5	2	5	67	.40	.091	5	30	.43	97	.09	8	1.24	.01	.08	1	2
B 13+00N 52+50E	1	20	5	101	.3	20	8	421	2.38	4	5	ND	1	29	.6	2	3	56	.45	.103	5	33	.51	84	.08	3	1.43	.01	.06	1	2
B 13+00N 53+00E	1	30	8	103	.3	33	11	412	3.35	6	5	ND	1	24	.6	2	2	78	.37	.094	5	38	.75	119	.12	3	1.90	.01	.06	1	2

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Rio Algom Exploration Inc. PROJECT 8932 File # 90-2075 Page 1

P.O. Box 10335, 1650 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 52+00N 102+00E	1	25	7	88	.2	25	9	325	2.52	4	5	ND	1	22	.2	3	6	52	.41	.055	6	34	.64	106	.09	2	1.72	.01	.03	1	2
B 52+00N 102+50E	1	34	5	47	.2	29	9	282	2.54	6	5	ND	2	23	.2	2	2	53	.37	.044	7	38	.66	111	.10	4	1.62	.01	.03	1	2
B 52+00N 103+00E	1	22	11	67	.1	26	7	313	2.40	2	5	ND	1	22	.2	2	2	49	.36	.047	8	34	.67	106	.09	3	1.51	.01	.03	1	1
B 52+00N 103+50E	1	21	4	69	.1	22	5	223	1.99	2	5	ND	1	22	.2	2	2	42	.36	.031	8	32	.60	108	.08	2	1.47	.01	.03	1	1
B 52+00N 104+00E	1	50	9	76	.2	36	10	311	3.21	8	5	ND	2	25	.2	3	2	66	.42	.071	7	48	.74	129	.10	2	2.09	.01	.03	1	1
B 52+00N 104+50E	1	34	4	76	.3	27	7	297	2.53	3	5	ND	1	23	.2	2	2	51	.39	.055	8	37	.64	112	.08	3	1.83	.01	.03	1	2
B 52+00N 105+00E	1	41	10	86	.3	32	9	341	2.84	6	5	ND	1	24	.4	2	3	55	.39	.064	9	42	.68	117	.09	2	1.95	.01	.03	1	1
B 52+00N 105+50E	1	24	13	61	.3	22	7	276	2.33	5	5	ND	1	27	.2	2	2	49	.46	.066	9	36	.72	81	.11	2	1.57	.01	.04	2	1
B 52+00N 106+00E	1	21	3	63	.2	20	6	265	2.05	2	5	ND	1	20	.2	2	2	44	.32	.029	8	30	.62	83	.09	2	1.42	.01	.03	1	1
B 52+00N 106+50E	1	30	9	61	.1	24	7	319	2.55	6	5	ND	1	26	.2	2	3	54	.41	.051	8	39	.73	103	.10	5	1.64	.01	.04	1	1
B 52+00N 107+00E	1	33	7	68	.1	27	7	318	2.79	6	5	ND	2	24	.2	2	2	56	.40	.056	8	40	.76	95	.10	5	1.74	.01	.03	1	3
B 52+00N 107+50E	1	28	9	67	.1	29	8	284	2.82	5	5	ND	1	23	.2	2	3	58	.34	.043	8	41	.73	104	.10	4	1.86	.01	.03	1	7
B 52+00N 108+00E	1	18	7	68	.1	16	5	205	1.71	2	5	ND	1	22	.2	2	3	42	.38	.033	8	27	.57	82	.09	2	1.39	.01	.03	1	1
B 52+00N 108+50E	1	12	4	68	.1	15	5	213	1.69	3	5	ND	1	23	.2	2	2	41	.39	.018	7	25	.57	92	.09	2	1.27	.01	.02	1	7
B 52+00N 109+00E	1	23	8	72	.1	23	7	276	2.23	4	5	ND	1	25	.2	2	4	49	.44	.048	7	30	.65	107	.08	2	1.42	.01	.03	2	2
B 52+00N 109+50E	1	22	4	72	.1	21	7	232	2.32	6	5	ND	1	21	.5	2	2	49	.35	.041	7	33	.62	84	.08	2	1.52	.01	.02	1	7
B 52+00N 110+00E	1	18	6	63	.2	22	6	285	1.94	4	5	ND	2	27	.2	2	2	43	.47	.031	9	32	.60	105	.10	2	1.31	.01	.03	1	2
B 52+00N 110+50E	1	25	2	65	.3	22	6	270	2.37	2	5	ND	1	31	.4	2	2	51	.65	.030	7	36	.63	142	.07	2	1.55	.01	.03	2	8
B 52+00N 111+00E	1	30	7	91	.2	29	8	270	2.89	7	5	ND	1	21	.2	2	5	56	.35	.102	7	37	.64	134	.07	2	1.99	.01	.03	1	2
B 52+00N 111+50E	1	29	7	81	.2	25	8	361	2.58	4	5	ND	1	22	.3	2	2	54	.41	.060	7	33	.68	111	.08	2	1.69	.01	.03	1	2
B 52+00N 112+00E	1	21	2	63	.2	20	6	275	1.98	2	5	ND	1	26	.2	2	3	44	.42	.031	7	32	.67	126	.07	2	1.56	.01	.03	1	7
B 52+00N 112+50E	1	21	8	93	.2	22	6	285	2.40	2	5	ND	1	25	.5	2	2	50	.39	.086	8	35	.58	136	.07	4	1.50	.01	.03	1	2
B 52+00N 113+00E	1	28	6	59	.2	24	7	322	2.32	6	5	ND	1	35	.5	3	3	45	.60	.068	9	37	.65	119	.08	5	1.28	.01	.03	1	4
B 52+00N 113+50E	1	33	2	73	.3	26	7	288	2.29	3	5	ND	1	39	.5	2	2	44	.79	.041	9	35	.62	160	.07	2	1.59	.01	.03	1	6
B 52+00N 114+00E	1	32	2	56	.1	31	9	418	2.55	9	5	ND	2	34	.2	2	2	51	.52	.067	10	39	.72	126	.10	7	1.39	.02	.03	1	1
B 52+00N 114+50E	1	48	7	86	.4	35	8	409	2.67	8	5	ND	1	42	.8	2	2	51	.80	.036	10	43	.69	192	.07	3	1.87	.01	.03	2	11
B 52+00N 115+50E	1	43	7	106	.3	30	9	361	2.77	5	5	ND	1	34	.2	2	5	57	.56	.031	10	42	.72	207	.07	2	1.94	.01	.03	1	5
B 52+00N 116+00E	1	25	10	174	.2	32	11	391	3.02	2	5	ND	1	17	.2	2	5	57	.34	.157	6	38	.53	112	.07	4	2.13	.01	.03	1	2
B 51+00N 102+00E	1	56	5	107	.3	35	9	262	2.98	3	5	ND	1	25	.2	2	3	49	.37	.107	11	53	.65	243	.02	3	3.30	.01	.06	1	2
B 51+00N 102+50E	1	25	4	78	.1	28	7	262	2.38	3	5	ND	2	20	.2	2	5	46	.32	.055	8	35	.61	103	.08	2	1.67	.01	.03	1	7
B 51+00N 103+50E	1	29	9	56	.1	25	7	325	2.30	4	5	ND	2	28	.7	2	5	46	.44	.072	8	36	.63	97	.09	2	1.35	.01	.04	1	2
B 51+00N 104+00E	1	21	3	82	.2	18	7	237	2.11	3	5	ND	1	19	.2	2	3	44	.32	.057	8	31	.59	92	.09	2	1.55	.01	.03	1	2
B 51+00N 104+50E	1	24	2	95	.2	24	7	254	2.24	3	5	ND	1	21	.4	2	2	44	.32	.041	8	33	.61	95	.09	3	1.50	.01	.03	1	4
B 51+00N 105+00E	1	20	9	69	.1	21	6	247	2.10	2	5	ND	1	22	.6	2	2	43	.35	.045	8	31	.60	81	.09	3	1.31	.01	.03	1	7
B 51+00N 105+50E	1	20	8	68	.1	17	6	244	2.03	6	5	ND	1	24	.6	2	3	45	.38	.042	7	30	.59	85	.09	2	1.38	.01	.03	2	3
B 51+00N 106+00E	1	18	8	78	.1	24	7	259	2.39	4	5	ND	2	22	.8	2	2	46	.33	.042	9	34	.65	92	.09	2	1.37	.01	.03	1	3
STANDARD C/AU-S	18	60	37	132	7.2	67	28	1028	4.03	39	20	7	36	47	18.7	15	18	55	.51	.091	35	57	.91	176	.07	35	1.93	.06	.13	12	49

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 28 1990 **DATE REPORT MAILED:** July 4/90 **SIGNED BY.** C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 51+00N 106+50E	1	25	11	86	.3	26	8	397	2.38	4	5	ND	1	32	.4	2	2	51	.52	.051	9	39	.72	109	.10	4	1.66	.01	.04	1	4
B 51+00N 107+00E	1	22	9	70	.2	23	6	282	2.42	2	5	ND	2	28	.2	2	2	52	.43	.043	9	37	.69	87	.10	5	1.50	.01	.04	1	3
B 51+00N 107+50E	1	27	4	66	.2	25	6	290	2.49	3	5	ND	1	29	.9	2	3	54	.47	.055	9	39	.68	83	.11	5	1.50	.01	.04	1	7
B 51+00N 108+00E	1	21	7	113	.3	19	10	824	2.74	4	5	ND	1	22	.5	3	2	59	.38	.096	7	38	.46	139	.08	5	1.68	.01	.04	1	16
B 51+00N 108+50E	1	21	11	88	.2	21	6	245	2.26	3	5	ND	1	27	.3	2	2	53	.45	.053	8	34	.65	100	.10	2	1.67	.01	.03	1	4
B 51+00N 109+00E	1	33	15	91	.4	32	7	373	2.67	2	5	ND	1	27	.5	2	4	55	.45	.067	9	40	.73	105	.09	7	1.82	.01	.04	1	18
B 51+00N 109+50E	1	22	10	69	.2	24	7	275	2.43	2	5	ND	1	28	.4	2	2	51	.44	.065	9	38	.71	86	.10	8	1.56	.01	.04	1	4
B 51+00N 110+00E	1	28	7	77	.2	31	7	365	2.47	6	5	ND	1	29	.2	2	2	52	.53	.049	10	40	.76	113	.11	8	1.63	.01	.04	1	3
B 51+00N 110+50E	1	26	10	146	.5	35	10	328	3.78	8	5	ND	1	23	.8	2	2	65	.37	.277	8	45	.65	167	.08	3	2.35	.01	.04	1	3
B 51+00N 111+00E	1	39	15	146	.7	29	10	365	3.10	3	5	ND	2	25	.6	4	2	64	.42	.094	7	42	.61	168	.09	2	2.13	.01	.04	1	5
B 51+00N 113+00E	1	22	9	118	.2	21	7	283	2.37	4	5	ND	1	26	.6	2	3	55	.45	.042	7	34	.70	123	.10	2	1.71	.01	.03	1	1
B 51+00N 113+50E	1	28	5	77	.2	25	8	337	2.59	4	5	ND	1	31	.2	2	2	59	.49	.036	9	37	.65	141	.10	4	1.60	.01	.04	1	5
B 51+00N 114+50E	1	18	2	94	.2	20	5	208	2.18	2	5	ND	1	25	.2	2	2	51	.42	.048	7	32	.56	109	.09	4	1.65	.01	.03	1	2
B 51+00N 115+00E	1	14	7	87	.3	15	6	181	2.19	3	5	ND	2	21	.2	3	3	53	.35	.094	6	30	.41	74	.09	5	1.71	.01	.03	1	2
B 51+00N 115+50E	1	24	5	91	.3	25	8	241	2.74	6	5	ND	1	27	.2	2	2	61	.43	.061	7	37	.50	147	.09	2	1.91	.01	.04	1	3
B 51+00N 116+00E	1	35	9	84	.2	34	8	441	2.77	4	5	ND	1	38	.3	2	2	56	.62	.054	12	43	.78	149	.09	3	1.81	.01	.04	1	1
B 50+00N 102+00E	1	25	13	77	.1	27	8	341	2.51	2	5	ND	1	27	.2	2	2	52	.40	.059	9	38	.69	106	.09	2	1.70	.01	.03	1	7
B 50+00N 102+50E	1	36	3	69	.2	35	9	319	2.86	6	5	ND	2	26	.9	3	2	56	.39	.072	8	43	.74	110	.09	2	2.04	.01	.04	1	8
B 50+00N 103+00E	1	19	6	66	.2	25	6	257	2.24	5	5	ND	1	26	.2	3	6	46	.42	.055	10	37	.66	86	.11	2	1.48	.01	.03	1	2
B 50+00N 103+50E	1	23	7	75	.3	25	6	223	2.07	2	5	ND	1	25	.2	3	2	46	.39	.034	9	32	.54	93	.10	3	1.55	.01	.03	1	4
B 50+00N 104+00E	1	21	5	64	.2	22	6	277	2.20	4	5	ND	2	33	.5	2	2	48	.52	.056	10	37	.67	108	.11	4	1.45	.02	.04	1	12
B 50+00N 104+50E	1	27	3	58	.2	27	6	249	2.22	3	5	ND	1	30	.5	2	2	47	.47	.074	9	37	.67	101	.10	2	1.54	.01	.04	1	5
B 50+00N 105+00E	1	24	14	123	.2	25	6	249	2.20	4	5	ND	1	29	.2	2	4	52	.48	.042	8	33	.57	102	.10	4	1.49	.01	.04	1	3
B 50+00N 105+50E	1	21	10	75	.3	23	6	276	2.31	5	5	ND	1	27	.6	2	5	52	.46	.044	8	33	.68	83	.10	3	1.40	.01	.04	1	10
B 50+00N 106+00E	1	18	9	84	.1	20	7	302	2.30	6	5	ND	1	27	.2	2	2	52	.41	.029	8	33	.64	102	.09	2	1.46	.01	.04	1	117
B 50+00N 106+50E	1	21	4	70	.2	25	6	277	2.41	5	5	ND	1	29	.2	2	2	52	.44	.034	9	34	.69	92	.10	3	1.44	.01	.04	1	4
B 50+00N 107+00E	1	27	2	75	.2	27	8	333	2.67	4	5	ND	1	31	.2	2	3	57	.50	.059	8	39	.72	97	.11	5	1.56	.01	.04	1	6
B 50+00N 107+50E	1	27	5	92	.3	27	8	426	2.68	7	5	ND	1	33	.2	2	3	58	.55	.084	8	38	.71	121	.09	5	1.74	.01	.05	1	7
B 50+00N 108+00E	1	22	4	97	.2	22	7	360	2.23	5	5	ND	1	25	.2	2	3	51	.40	.038	8	33	.57	108	.09	2	1.62	.01	.04	1	3
B 50+00N 108+50E	1	34	4	104	.3	29	8	446	2.70	7	5	ND	1	26	.2	2	2	56	.43	.050	8	40	.72	129	.07	2	2.04	.01	.05	1	11
B 50+00N 109+00E	1	25	3	102	.2	26	7	351	2.52	5	5	ND	1	27	.2	2	2	53	.44	.046	9	37	.70	112	.09	3	1.62	.01	.04	1	2
B 50+00N 109+50E	1	26	6	108	.3	25	7	270	3.01	6	5	ND	1	27	.2	3	2	64	.44	.097	7	39	.67	105	.09	2	1.87	.01	.04	1	1
B 50+00N 110+00E	1	25	4	95	.2	24	7	383	2.62	5	5	ND	1	27	.2	2	3	58	.45	.060	8	37	.75	123	.10	2	1.70	.01	.04	1	1
B 50+00N 110+50E	1	29	2	103	.2	26	8	429	2.61	6	5	ND	1	32	.2	2	3	57	.52	.063	9	39	.72	134	.09	3	1.68	.02	.04	1	3
B 50+00N 111+00E	1	64	4	120	.4	40	11	663	3.44	7	5	ND	1	43	.2	2	2	70	.65	.031	12	50	.79	201	.08	5	2.23	.02	.04	1	4
B 50+00N 112+00E	1	35	2	81	.2	31	8	377	2.87	7	5	ND	1	33	.2	3	2	62	.57	.072	9	41	.74	146	.10	2	1.77	.01	.04	1	3
STANDARD C/AU-S	17	60	40	132	7.3	68	28	1028	4.04	38	16	7	36	47	18.3	16	20	56	.51	.092	35	56	.91	174	.07	34	1.94	.05	.14	11	50

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 50+00N 112+50E	1	21	2	80	.1	23	7	347	2.37	4	5	ND	1	33	.3	2	3	60	.56	.060	8	35	.71	121	.11	2	1.57	.02	.05	1	12
B 50+00N 113+00E	1	24	3	71	.1	25	6	294	2.29	2	5	ND	2	33	.3	2	2	56	.52	.038	9	34	.77	106	.12	8	1.56	.02	.05	1	6
B 50+00N 114+00E	1	19	3	64	.1	20	5	202	2.09	3	5	ND	2	30	.2	2	2	56	.49	.043	9	32	.62	102	.11	2	1.54	.02	.04	1	2
B 50+00N 114+50E	1	26	5	60	.1	25	6	255	2.33	5	5	ND	2	31	.5	2	3	58	.49	.041	10	36	.75	111	.12	2	1.63	.02	.04	1	7
B 50+00N 115+00E	1	30	4	66	.1	28	7	289	2.61	6	5	ND	2	30	.2	2	2	63	.51	.053	8	37	.78	114	.11	3	1.79	.02	.04	1	8
B 50+00N 115+50E	1	74	8	135	.2	58	14	919	4.48	14	5	ND	2	60	.9	4	2	87	1.07	.050	19	66	1.08	292	.07	2	3.47	.02	.09	3	2
B 50+00N 116+00E	1	25	4	75	.1	30	8	334	2.68	2	5	ND	2	33	.3	2	2	61	.54	.050	10	40	.78	131	.12	2	1.64	.02	.05	1	5
B 49+00N 102+00E	1	32	6	76	.1	31	10	296	3.25	5	5	ND	2	29	.4	2	2	71	.44	.117	8	43	.65	109	.10	4	1.88	.02	.08	1	2
B 49+00N 102+50E	1	21	7	65	.1	28	6	264	2.51	2	5	ND	2	30	.2	2	2	56	.43	.071	10	38	.71	118	.10	2	1.62	.02	.05	1	3
B 49+00N 103+00E	1	16	4	75	.1	18	5	363	1.79	2	5	ND	2	27	.2	2	2	48	.42	.035	9	29	.44	110	.11	2	1.37	.01	.04	1	1
B 49+00N 103+50E	1	33	3	76	.1	31	8	402	2.55	7	5	ND	2	33	.2	2	2	57	.53	.095	10	37	.69	110	.10	2	1.53	.02	.06	1	5
B 49+00N 104+00E	1	37	4	99	.1	31	10	359	3.11	6	5	ND	1	27	.5	2	2	72	.47	.138	7	44	.67	133	.10	4	1.86	.02	.04	1	5
B 49+00N 104+50E	1	13	6	131	.1	20	9	539	2.78	4	5	ND	2	25	.3	2	2	64	.40	.141	8	35	.42	118	.10	3	1.78	.02	.05	1	5
B 49+00N 105+00E	1	9	3	136	.1	16	8	250	2.42	2	5	ND	2	26	.8	2	2	55	.46	.124	8	33	.43	99	.09	2	1.34	.01	.06	1	2
B 49+00N 105+50E	1	16	3	120	.1	26	8	300	2.44	3	5	ND	2	30	.5	2	2	54	.52	.084	10	36	.60	106	.11	2	1.39	.01	.08	1	3
B 49+00N 106+00E	1	24	2	107	.1	28	8	394	2.67	11	5	ND	2	33	.2	3	2	61	.54	.064	11	39	.74	129	.11	2	1.68	.02	.06	1	5
B 49+00N 106+50E	1	30	6	125	.3	26	8	327	2.70	2	5	ND	2	28	.4	2	2	63	.48	.073	9	37	.68	111	.09	2	1.85	.01	.07	2	3
B 49+00N 107+00E	1	25	6	83	.1	27	7	293	2.56	2	5	ND	2	26	.2	2	2	59	.41	.051	9	36	.71	101	.09	2	1.73	.02	.04	1	2
B 49+00N 107+50E	1	25	4	83	.1	27	7	280	2.47	6	5	ND	2	26	.2	2	2	58	.40	.037	9	34	.67	97	.10	2	1.70	.02	.05	1	3
B 49+00N 108+00E	1	28	5	82	.1	25	7	326	2.36	2	5	ND	1	29	.3	2	2	58	.45	.035	9	34	.61	108	.10	2	1.58	.02	.05	1	7
B 49+00N 108+50E	1	23	5	111	.1	25	7	288	2.69	3	5	ND	1	34	.2	2	2	65	.54	.061	9	35	.60	117	.09	2	1.76	.01	.07	2	2
B 49+00N 109+00E	1	23	4	100	.1	24	8	413	2.58	2	5	ND	2	36	.3	2	2	62	.59	.062	10	34	.67	151	.10	2	1.67	.02	.06	2	6
B 49+00N 109+50E	1	21	3	87	.1	30	7	277	2.72	2	5	ND	2	33	.2	3	2	62	.49	.050	10	41	.79	131	.10	7	1.87	.02	.05	1	4
B 49+00N 110+00E	1	25	2	110	.1	23	7	313	2.32	2	5	ND	1	29	.5	2	2	56	.46	.035	9	31	.66	123	.10	2	1.71	.02	.05	1	4
B 49+00N 111+00E	1	30	4	79	.1	22	6	231	2.16	2	5	ND	1	27	.2	2	2	55	.42	.031	8	30	.70	109	.09	2	1.80	.02	.04	2	4
B 49+00N 111+50E	1	25	5	84	.1	19	5	207	2.09	5	5	ND	2	28	.3	3	2	55	.43	.038	8	29	.60	99	.10	2	1.72	.01	.04	2	4
B 49+00N 112+50E	1	21	3	76	.1	22	5	224	2.02	2	5	ND	1	27	.2	2	2	51	.43	.037	9	31	.68	104	.10	7	1.57	.02	.05	2	19
B 49+00N 113+00E	1	27	4	91	.2	30	8	425	2.45	10	5	ND	2	39	.5	3	2	58	.61	.039	10	37	.77	165	.09	3	1.89	.02	.05	1	9
B 49+00N 113+50E	1	28	6	104	.1	29	8	416	2.50	3	5	ND	2	36	.6	3	2	59	.59	.037	9	39	.75	167	.09	8	1.84	.02	.05	2	9
B 49+00N 114+00E	1	32	6	86	.2	31	7	339	2.71	2	5	ND	2	37	.3	2	2	63	.63	.029	10	41	.81	151	.10	2	1.92	.02	.05	1	5
B 49+00N 114+50E	1	25	3	103	.1	28	7	269	2.31	2	5	ND	1	34	.3	2	2	56	.56	.020	9	39	.76	145	.11	6	1.75	.02	.05	2	6
B 49+00N 115+00E	1	18	6	93	.1	25	7	316	2.19	8	5	ND	1	32	.3	2	2	53	.51	.027	9	34	.73	126	.11	5	1.61	.02	.05	1	3
B 49+00N 116+00E	1	28	4	85	.1	33	8	409	2.75	10	5	ND	2	39	.7	3	2	62	.65	.058	11	42	.81	148	.10	10	1.88	.03	.06	1	58
B 48+00N 39+50E	1	25	2	69	.1	25	7	362	2.56	6	5	ND	2	34	.4	3	3	64	.60	.056	9	33	.71	95	.11	8	1.59	.02	.06	1	8
B 48+00N 40+00E	1	21	3	84	.1	23	6	249	2.35	2	5	ND	1	30	.4	2	3	60	.55	.044	9	31	.67	125	.10	7	1.66	.02	.05	1	4
B 48+00N 40+50E	1	20	4	103	.2	22	6	263	2.28	2	5	ND	1	29	.4	3	2	58	.50	.042	10	30	.64	118	.10	2	1.60	.01	.05	1	6
STANDARD C/AU-S	17	60	37	132	7.4	67	28	936	4.01	41	22	7	36	48	18.9	15	20	59	.51	.095	37	57	.93	177	.08	33	1.93	.06	.14	11	49

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 48+00N 41+00E	1	21	5	97	.2	25	7	408	2.64	2	5	ND	1	33	.5	3	2	67	.59	.049	9	32	.76	128	.11	2	1.74	.01	.05	1	9
B 48+00N 41+50E	1	39	5	119	.2	33	9	447	3.15	5	5	ND	1	38	.4	2	2	76	.65	.045	11	40	.83	162	.09	2	2.22	.02	.06	1	2
B 48+00N 42+00E	1	28	7	105	.2	28	8	393	2.75	2	5	ND	1	33	.6	2	2	68	.61	.048	10	34	.74	125	.11	2	1.78	.01	.05	1	1
B 48+00N 42+50E	1	37	7	91	.1	30	9	414	2.74	2	5	ND	1	34	.6	2	2	69	.65	.058	10	35	.74	113	.12	5	1.76	.02	.05	1	3
B 48+00N 43+50E	1	34	7	110	.1	23	7	384	2.54	6	5	ND	1	32	.4	2	2	72	.59	.041	9	32	.65	138	.10	2	1.90	.01	.04	1	10
B 48+00N 44+00E	1	30	8	194	.1	32	10	326	3.76	11	5	ND	2	22	.6	2	2	81	.42	.181	7	40	.65	139	.09	4	2.72	.01	.07	2	1
B 48+00N 44+50E	1	49	6	68	.1	35	10	325	3.01	6	5	ND	2	23	.3	3	2	72	.38	.042	7	36	.78	114	.12	5	1.94	.01	.04	1	3
B 48+00N 45+00E	1	30	5	79	.1	25	6	296	2.59	2	5	ND	1	30	.3	3	2	66	.54	.060	8	34	.79	113	.11	3	1.84	.01	.05	1	6
B 48+00N 45+50E	1	44	5	91	.1	36	8	308	3.15	2	5	ND	2	30	.3	3	2	73	.52	.079	8	40	.84	119	.12	5	2.21	.02	.05	1	3
B 48+00N 46+00E	1	23	7	136	.1	29	8	299	2.69	10	5	ND	1	27	.4	2	2	66	.52	.095	8	34	.68	118	.11	2	2.12	.01	.05	1	4
B 48+00N 47+00E	1	31	9	407	.4	22	11	488	4.45	12	5	ND	2	19	1.0	2	2	85	.38	.473	8	38	.51	147	.09	2	3.58	.01	.06	2	1
B 48+00N 102+50E	1	47	6	108	.1	45	14	367	4.56	11	5	ND	1	34	.7	2	2	98	.57	.165	6	50	.87	135	.11	2	2.34	.01	.06	1	540
B 48+00N 103+00E	1	14	6	76	.1	24	6	237	2.39	4	5	ND	1	21	.2	2	2	56	.36	.168	7	33	.42	97	.09	2	1.86	.01	.04	1	5
B 48+00N 103+50E	1	21	6	123	.1	40	12	814	2.93	2	5	ND	2	20	.4	2	2	59	.35	.243	7	37	.57	99	.08	2	2.31	.01	.04	1	8
B 48+00N 104+00E	1	19	5	169	.1	20	9	392	2.48	2	5	ND	1	29	.6	2	2	62	.50	.067	8	32	.52	138	.11	2	1.70	.01	.06	1	5
B 48+00N 104+50E	1	28	4	119	.1	28	9	302	2.85	2	5	ND	1	28	.2	2	3	68	.46	.109	7	35	.60	113	.10	2	1.99	.01	.03	1	6
B 48+00N 105+00E	1	10	6	99	.1	27	8	239	2.67	2	5	ND	2	23	.4	2	2	52	.35	.128	10	36	.52	127	.09	3	1.45	.01	.07	1	2
B 48+00N 105+50E	1	15	6	66	.2	25	7	258	2.17	2	5	ND	2	29	.5	2	2	51	.52	.072	9	28	.57	92	.11	7	1.24	.01	.05	2	6
B 48+00N 106+00E	1	22	6	102	.1	32	9	381	2.82	8	5	ND	1	31	.6	2	2	61	.50	.074	10	35	.68	130	.11	2	1.61	.01	.07	1	1
B 48+00N 106+50E	1	22	7	92	.1	31	8	338	2.59	2	5	ND	1	29	.2	2	2	59	.49	.079	9	33	.62	132	.11	2	1.62	.01	.05	1	2
B 48+00N 107+00E	1	26	5	154	.1	33	9	407	2.70	5	5	ND	1	30	.4	3	2	59	.48	.095	9	35	.71	127	.10	2	1.84	.01	.05	1	1
B 48+00N 108+00E	1	24	6	123	.1	29	9	377	3.28	2	5	ND	2	27	.4	2	2	76	.47	.080	8	36	.64	131	.10	4	2.22	.02	.07	1	4
B 48+00N 108+50E	1	26	6	101	.1	30	9	284	3.18	5	5	ND	1	28	.2	2	3	72	.53	.087	8	34	.75	114	.10	3	2.12	.01	.05	1	3
B 48+00N 109+00E	1	31	7	79	.1	26	7	269	2.46	2	5	ND	1	26	.2	3	2	63	.46	.022	7	31	.76	110	.11	2	1.84	.01	.03	1	3
B 48+00N 109+50E	1	29	4	67	.1	25	7	269	2.25	2	5	ND	1	31	.2	2	2	60	.49	.021	8	31	.78	138	.10	4	2.00	.02	.03	1	1
B 48+00N 110+00E	1	31	5	60	.1	29	7	272	2.56	2	5	ND	1	32	.2	2	2	61	.52	.050	8	33	.79	129	.10	2	1.82	.01	.04	1	1
B 48+00N 110+50E	1	24	5	84	.1	26	8	416	2.37	2	5	ND	1	31	.2	3	2	61	.49	.036	9	32	.74	149	.09	2	2.04	.01	.04	2	19
B 48+00N 111+00E	1	31	5	69	.1	28	7	282	2.42	2	5	ND	1	30	.2	2	2	59	.49	.041	8	32	.75	113	.10	2	1.82	.01	.03	1	4
B 48+00N 111+50E	1	24	3	76	.1	25	8	350	2.33	2	5	ND	1	30	.3	2	2	58	.47	.031	9	31	.71	125	.10	3	1.81	.02	.03	1	4
B 48+00N 112+00E	1	20	4	71	.1	26	7	284	2.14	2	5	ND	1	32	.2	2	2	54	.51	.026	9	32	.74	133	.10	8	1.80	.02	.03	1	5
B 48+00N 112+50E	1	23	2	50	.1	27	6	268	2.18	2	5	ND	1	34	.2	2	2	53	.54	.057	9	31	.73	96	.12	2	1.48	.02	.03	1	3
B 48+00N 113+00E	1	20	2	59	.1	23	6	254	2.13	2	5	ND	1	31	.3	2	2	53	.51	.035	8	30	.72	110	.11	6	1.56	.02	.04	1	2
B 48+00N 113+50E	1	32	3	74	.1	27	7	359	2.53	2	5	ND	1	38	.2	2	2	60	.61	.056	10	35	.77	127	.11	4	1.70	.02	.03	1	6
B 48+00N 114+00E	1	23	4	96	.1	25	7	250	2.21	2	5	ND	1	28	.3	2	2	55	.47	.035	8	28	.70	114	.11	2	1.65	.01	.04	1	4
B 48+00N 114+50E	1	27	3	105	.1	29	8	421	2.45	2	5	ND	1	29	.5	2	2	58	.48	.028	9	32	.71	156	.10	4	1.75	.02	.03	1	1
B 48+00N 115+00E	1	21	7	64	.1	28	7	342	2.43	5	5	ND	2	33	.3	2	2	56	.53	.030	10	34	.76	122	.11	7	1.55	.02	.03	1	3
B 48+00N 115+50E	1	23	4	83	.1	28	8	322	2.42	4	5	ND	1	33	.3	2	2	55	.53	.059	10	35	.79	117	.11	3	1.61	.02	.04	1	1
STANDARD C/AU-S	18	58	36	132	7.4	67	28	935	3.97	39	19	7	36	48	18.5	14	20	59	.51	.096	37	56	.92	179	.08	31	1.94	.06	.14	11	49

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 48+00N 116+00E	1	26	4	93	.1	33	8	414	2.58	3	5	ND	2	35	.2	2	3	59	.55	.041	10	39	.82	139	.11	2	1.77	.04	.06	1	3
B 48+00N 103+00E	1	24	7	151	.1	20	8	427	3.66	12	5	ND	1	28	.2	2	3	93	.48	.131	6	37	.54	107	.12	2	2.31	.02	.04	2	26
B 48+00N 103+50E	1	22	9	231	.2	23	12	899	3.54	6	5	ND	1	28	.4	3	2	84	.50	.172	6	41	.55	129	.12	2	2.69	.02	.04	1	15
B 48+00N 104+00E	1	39	7	195	.4	27	9	571	4.23	6	5	ND	2	24	.5	2	2	86	.42	.337	7	45	.71	99	.09	2	2.51	.02	.05	1	1
B 48+00N 105+00E	1	43	11	339	.2	43	15	970	4.80	16	5	ND	2	24	.8	4	2	82	.38	.473	10	51	.82	244	.07	5	3.39	.02	.09	1	4
B 48+00N 105+50E	1	31	6	86	.2	36	8	405	2.80	2	5	ND	2	31	.2	2	2	63	.50	.033	10	39	.74	119	.13	2	1.57	.02	.06	1	1
B 48+00N 106+00E	1	31	8	92	.1	33	9	285	3.36	7	5	ND	2	32	.3	2	2	70	.53	.203	9	40	.77	121	.09	2	1.83	.02	.08	1	5
B 48+00N 106+50E	1	31	4	82	.1	33	9	376	2.87	2	5	ND	1	31	.2	2	2	64	.52	.072	9	38	.73	115	.11	6	1.66	.02	.06	1	1
B 48+00N 107+00E	1	16	7	199	.2	19	9	873	2.28	2	5	ND	1	34	.3	2	3	58	.56	.074	8	29	.45	128	.11	4	1.62	.02	.08	1	1
B 48+00N 107+50E	1	44	9	68	.1	36	10	369	3.29	11	5	ND	1	31	.2	2	2	74	.45	.063	8	43	.81	108	.11	2	1.87	.03	.06	1	1
B 48+00N 108+00E	1	22	3	101	.1	23	7	299	2.26	2	5	ND	1	27	.2	2	2	56	.43	.029	9	30	.68	103	.11	6	1.63	.02	.04	1	3
B 48+00N 108+50E	1	36	7	72	.1	28	7	350	2.48	3	5	ND	1	33	.2	2	3	63	.50	.034	9	37	.80	145	.10	6	1.96	.02	.04	1	1
B 48+00N 109+00E	1	29	6	97	.1	28	7	342	2.42	4	5	ND	1	31	.2	2	2	60	.50	.031	8	34	.76	121	.11	2	1.86	.02	.03	1	1
B 48+00N 109+50E	1	40	6	97	.1	33	8	351	2.70	3	5	ND	1	32	.2	2	2	64	.52	.041	9	37	.82	137	.10	10	2.13	.02	.04	1	5
B 48+00N 110+00E	1	32	5	87	.1	27	8	434	2.50	3	5	ND	1	35	.2	2	2	65	.52	.024	9	35	.75	138	.11	4	1.99	.02	.04	1	3
B 48+00N 110+50E	1	45	7	105	.1	37	11	631	3.10	10	5	ND	1	41	.2	3	2	74	.64	.058	13	44	.88	187	.09	5	2.50	.03	.06	1	5
B 48+00N 111+00E	1	32	6	71	.1	25	6	302	2.20	6	5	ND	1	33	.2	2	2	56	.53	.036	9	32	.74	131	.11	3	1.73	.03	.04	1	2
B 48+00N 111+50E	1	27	5	104	.1	25	8	388	2.35	6	5	ND	1	35	.2	2	2	62	.58	.030	10	34	.65	159	.09	4	1.96	.02	.03	1	3
B 48+00N 112+00E	1	34	3	61	.1	27	6	291	2.26	4	5	ND	1	36	.2	2	2	58	.57	.048	10	35	.77	144	.10	6	1.85	.03	.03	1	1
B 48+00N 112+50E	1	23	3	59	.1	25	6	282	2.25	2	5	ND	1	34	.2	2	3	56	.53	.044	9	32	.75	120	.11	7	1.64	.03	.04	1	6
B 48+00N 113+00E	1	32	5	76	.1	28	7	269	2.58	4	5	ND	1	31	.2	2	2	62	.48	.037	10	34	.75	130	.11	2	1.85	.02	.04	1	2
B 48+00N 113+50E	1	30	6	76	.1	31	8	258	2.71	2	5	ND	1	28	.2	2	2	63	.46	.054	9	37	.71	112	.11	2	1.95	.02	.04	1	2
B 48+00N 114+00E	1	24	4	84	.1	28	8	390	2.61	2	5	ND	1	31	.2	2	2	61	.48	.043	10	37	.82	130	.11	2	1.89	.02	.04	1	4
B 48+00N 114+50E	1	24	6	65	.1	27	6	252	2.21	6	5	ND	2	33	.2	3	2	52	.51	.053	11	32	.78	95	.12	2	1.61	.02	.05	2	1
B 48+00N 115+00E	1	30	5	77	.1	31	7	339	2.50	2	5	ND	2	37	.2	2	2	61	.53	.036	11	38	.77	158	.10	2	1.99	.02	.04	1	3
B 48+00N 115+50E	1	22	4	98	.1	24	6	246	2.13	6	5	ND	1	29	.2	2	2	55	.44	.035	10	33	.66	123	.11	7	1.71	.02	.04	1	1
B 47+00N 116+00E	1	20	6	77	.1	22	5	227	2.10	2	5	ND	1	29	.2	2	2	52	.44	.036	10	31	.56	119	.11	2	1.58	.02	.02	2	1
B 45+00N 39+50E	1	42	6	106	.2	32	8	553	2.88	4	5	ND	1	29	.2	2	2	66	.54	.069	11	34	.68	134	.09	6	1.98	.02	.05	1	3
B 45+00N 40+00E	1	37	9	130	.2	30	11	719	3.48	10	5	ND	1	28	.5	2	2	78	.58	.151	6	33	.62	162	.08	4	1.87	.02	.06	1	1
B 45+00N 40+50E	1	55	9	127	.2	35	12	709	3.23	6	5	ND	1	41	.8	2	2	72	.75	.072	11	38	.67	223	.07	2	2.22	.02	.07	1	1
B 45+00N 41+00E	1	33	7	96	.1	29	9	353	3.29	13	5	ND	1	27	.2	3	2	80	.56	.083	7	36	.70	128	.10	2	1.91	.02	.04	1	2
B 45+00N 41+50E	1	55	10	168	.6	41	13	982	3.62	11	5	ND	1	45	.7	5	2	80	.85	.076	14	42	.84	233	.07	4	2.79	.02	.08	1	1
B 45+00N 42+50E	1	25	7	138	.1	21	8	362	3.07	6	5	ND	1	35	.2	2	2	77	.73	.096	7	30	.61	134	.11	5	1.77	.02	.07	1	2
B 45+00N 43+00E	1	51	10	95	.4	37	9	478	3.28	7	5	ND	2	34	.2	3	2	77	.59	.048	11	41	.82	158	.09	4	2.32	.02	.07	1	3
B 45+00N 44+50E	1	34	7	108	.2	26	11	569	3.10	11	5	ND	1	38	.3	2	2	73	.72	.054	8	37	.63	131	.10	2	1.85	.02	.06	1	4
B 45+00N 45+00E	2	97	12	230	.6	39	18	1579	4.45	8	5	ND	1	71	1.6	3	2	91	1.33	.108	8	35	.61	297	.06	2	2.09	.01	.07	1	3
STANDARD C/AU-S	17	60	37	131	7.4	68	28	942	4.04	44	21	7	36	47	18.8	16	21	59	.51	.096	38	55	.93	178	.07	41	1.95	.06	.14	12	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 46+00N 102+50E	1	23	9	90	.1	19	7	235	3.00	2	5	ND	1	26	.6	3	3	68	.45	.092	7	34	.53	88	.11	3	1.74	.01	.05	2	26
B 46+00N 103+00E	1	11	7	118	.1	12	9	588	2.99	3	5	ND	1	20	.2	2	2	67	.41	.135	6	33	.28	100	.09	4	1.98	.01	.03	1	1
B 46+00N 103+50E	1	36	12	154	.1	20	13	1184	3.84	9	5	ND	1	26	.2	4	2	83	.55	.104	6	38	.69	184	.11	2	2.66	.01	.05	1	4
B 46+00N 104+00E	1	43	10	171	.1	25	14	949	4.45	14	5	ND	1	21	.6	2	2	81	.41	.313	6	43	.66	144	.08	2	3.37	.01	.04	1	1
B 46+00N 104+50E	1	20	4	198	.1	21	11	659	3.49	3	5	ND	1	23	.5	2	2	74	.47	.170	6	37	.59	111	.10	2	2.29	.01	.06	1	29
B 46+00N 105+00E	1	30	11	195	.1	27	13	525	4.05	3	5	ND	1	26	1.2	2	2	75	.49	.185	6	43	.72	168	.09	3	2.34	.01	.06	1	1
B 46+00N 105+50E	2	25	5	88	.1	24	12	317	4.02	10	5	ND	1	27	.4	2	2	92	.48	.043	4	45	.74	108	.12	2	2.20	.01	.07	1	1
B 46+00N 106+00E	1	53	6	167	.4	37	13	610	3.27	5	5	ND	1	37	.5	2	3	71	.69	.039	9	47	.89	174	.10	3	2.31	.01	.07	1	17
B 46+00N 106+50E	1	15	8	120	.1	22	8	302	2.91	4	5	ND	1	20	.6	2	2	51	.35	.169	8	41	.55	135	.08	3	1.63	.01	.07	1	1
B 46+00N 107+00E	1	25	2	101	.1	26	8	428	2.58	5	5	ND	1	26	.6	2	2	52	.51	.045	8	36	.60	119	.09	2	1.55	.01	.05	1	1
B 46+00N 107+50E	1	45	10	83	.1	38	10	537	3.16	4	5	ND	1	36	.4	2	2	59	.60	.063	12	46	.77	135	.10	5	1.75	.02	.09	1	2
B 46+00N 108+00E	1	59	18	125	.4	52	12	836	3.97	9	5	ND	1	36	1.1	2	3	68	.58	.082	15	58	.91	225	.08	3	2.51	.02	.12	1	2
B 46+00N 108+50E	1	26	2	69	.1	30	11	619	2.81	7	5	ND	1	32	.9	3	5	55	.53	.115	8	39	.64	132	.10	3	1.59	.02	.08	1	1
B 46+00N 109+00E	1	24	9	100	.2	23	10	376	3.00	3	5	ND	1	25	.2	3	2	60	.50	.149	7	40	.66	155	.08	7	1.77	.02	.07	1	1
B 46+00N 109+50E	1	20	2	83	.1	23	7	333	2.19	3	5	ND	1	28	.5	2	2	48	.48	.033	8	34	.66	115	.09	8	1.58	.02	.04	1	2
B 46+00N 110+00E	1	16	5	114	.2	19	7	343	2.03	3	5	ND	1	27	.8	3	2	49	.46	.031	8	32	.56	148	.09	5	1.67	.02	.04	1	1
B 46+00N 110+50E	1	14	8	79	.1	14	4	238	1.78	3	5	ND	1	24	.2	2	2	47	.44	.035	7	27	.43	106	.09	3	1.39	.02	.04	1	1
B 46+00N 111+00E	1	36	10	65	.1	26	7	444	2.78	6	5	ND	1	34	.4	2	2	58	.60	.078	9	38	.73	113	.10	4	1.53	.02	.05	1	2
B 46+00N 112+00E	1	30	2	93	.1	29	11	507	2.90	5	5	ND	1	27	.2	2	5	63	.50	.057	7	38	.74	126	.09	7	1.91	.02	.05	1	2
B 46+00N 112+50E	1	20	9	100	.2	25	8	260	2.90	5	5	ND	1	23	.6	2	2	62	.42	.098	7	38	.60	112	.09	8	2.08	.02	.04	1	1
B 46+00N 113+00E	1	22	4	99	.2	21	8	425	2.34	2	5	ND	1	21	.3	2	2	51	.37	.046	8	34	.51	110	.07	7	1.87	.01	.04	1	1
B 46+00N 113+50E	1	21	2	60	.1	25	6	283	2.24	2	5	ND	1	29	.8	2	2	48	.47	.048	9	35	.77	97	.10	10	1.61	.02	.05	1	1
B 46+00N 114+00E	1	16	2	70	.1	22	6	334	2.20	4	5	ND	1	28	.2	2	2	52	.45	.033	9	34	.70	115	.09	7	1.63	.02	.03	1	1
B 46+00N 114+50E	1	19	5	59	.1	24	7	296	2.24	2	5	ND	1	27	.4	2	2	50	.44	.038	8	35	.70	108	.09	8	1.62	.02	.03	1	2
B 46+00N 115+00E	1	21	8	55	.1	25	6	270	2.32	5	5	ND	1	29	.2	2	2	49	.46	.049	9	36	.73	103	.10	2	1.57	.02	.04	1	3
B 46+00N 115+50E	1	22	4	61	.1	24	7	296	2.26	2	5	ND	1	29	.2	2	2	48	.48	.045	10	35	.70	102	.10	2	1.61	.02	.04	1	7
B 46+00N 116+00E	1	31	7	96	.1	32	10	578	2.87	8	5	ND	1	27	.4	2	2	58	.43	.039	9	43	.66	164	.07	2	2.02	.01	.04	1	1
B 45+00N 38+00E	1	23	10	65	.1	17	5	269	1.97	4	5	ND	1	28	.3	2	2	53	.51	.027	10	30	.58	107	.09	2	1.65	.02	.04	1	1
B 45+00N 38+50E	1	38	8	91	.2	23	6	264	2.35	2	5	ND	1	25	.2	2	2	56	.49	.040	10	32	.53	138	.08	2	2.10	.01	.03	1	2
B 45+00N 39+00E	1	46	5	91	.1	32	9	341	3.23	8	5	ND	2	25	.9	2	2	70	.49	.052	9	40	.70	120	.09	6	2.21	.02	.05	1	4
B 45+00N 39+50E	1	40	8	77	.1	23	8	415	2.85	4	5	ND	1	26	.7	2	2	63	.50	.057	8	39	.69	108	.08	4	2.14	.02	.04	1	1
B 45+00N 40+00E	1	25	4	95	.1	25	9	611	2.74	5	5	ND	1	30	.6	2	2	63	.61	.040	7	31	.51	141	.08	3	1.56	.01	.04	1	5
B 45+00N 40+50E	1	26	8	84	.1	20	6	358	2.33	4	5	ND	1	26	.2	2	2	57	.53	.035	9	31	.58	123	.09	3	1.80	.01	.04	1	1
B 45+00N 41+00E	1	46	18	82	.2	28	12	469	3.19	9	5	ND	1	29	.2	2	2	66	.59	.065	8	40	.68	127	.10	2	1.93	.01	.06	2	1
B 45+00N 42+50E	1	33	11	78	.2	24	8	425	2.64	5	5	ND	1	27	1.0	2	2	62	.53	.062	8	32	.63	135	.08	9	1.91	.02	.06	1	2
B 45+00N 43+00E	1	20	7	123	.2	19	7	481	2.28	2	5	ND	1	26	.2	2	2	55	.55	.080	8	29	.52	122	.09	2	1.61	.01	.04	1	1
STANDARD C/AU-S	18	58	42	132	7.2	67	27	1025	4.04	38	19	7	36	48	18.0	15	21	55	.51	.090	35	55	.90	171	.08	35	1.94	.06	.13	11	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 45+00N 44+00E	2	116	22	325	.9	71	21	1882	6.50	11	5	ND	1	41	1.7	2	2	109	.67	.188	16	71	.93	334	.07	2	5.15	.02	.08	1	2
B 45+00N 45+00E	1	19	12	108	.2	19	7	216	2.67	2	5	ND	1	23	.2	3	2	62	.41	.113	7	34	.48	101	.10	2	1.83	.02	.04	1	3
B 45+00N 45+50E	1	42	7	98	.1	34	9	343	3.67	5	5	ND	1	26	.3	2	2	76	.48	.108	7	42	.77	110	.11	6	2.60	.02	.05	1	2
B 45+00N 46+00E	1	29	8	100	.3	22	8	373	2.91	4	5	ND	1	29	.4	2	2	67	.52	.095	8	36	.65	140	.11	11	2.18	.02	.05	1	2
B 45+00N 46+50E	1	24	4	92	.3	15	7	291	2.22	4	5	ND	1	27	.5	2	2	58	.48	.039	8	27	.59	119	.10	2	2.06	.02	.03	1	3
B 45+00N 47+00E	1	19	8	73	.2	14	5	297	2.15	2	5	ND	1	27	.2	2	2	59	.51	.049	7	27	.52	97	.11	2	1.67	.02	.05	1	3
B 45+00N 47+50E	1	29	11	81	.2	22	8	275	2.69	4	5	ND	1	23	.5	2	2	64	.43	.058	8	35	.63	93	.10	2	2.26	.02	.04	1	3
B 45+00N 48+00E	1	14	4	59	.3	10	4	199	1.65	2	5	ND	1	27	.2	3	5	51	.48	.019	9	22	.42	83	.11	3	1.64	.02	.03	2	4
B 45+00N 48+50E	1	47	8	101	.3	35	11	453	3.64	6	5	ND	1	29	.4	2	2	77	.51	.092	7	43	.74	126	.10	2	2.62	.02	.05	1	4
B 45+00N 49+00E	1	20	2	100	.2	15	6	312	2.24	2	5	ND	1	30	.2	2	2	59	.55	.035	8	27	.59	103	.12	5	1.73	.02	.04	1	5
B 45+00N 49+50E	1	20	6	111	.1	17	8	364	2.61	3	5	ND	1	30	.6	2	2	66	.56	.052	7	30	.59	96	.11	2	1.94	.02	.04	1	7
B 45+00N 50+00E	1	28	5	95	.2	19	11	521	3.06	3	5	ND	1	31	.3	2	2	73	.55	.049	9	35	.67	132	.11	2	2.16	.02	.05	1	4
B 45+00N 50+50E	1	31	9	90	.1	25	9	459	2.77	4	5	ND	1	33	.2	2	2	67	.69	.059	8	33	.72	112	.12	3	1.94	.02	.05	1	3
B 45+00N 102+50E	1	11	4	149	.1	10	10	672	2.34	4	5	ND	1	27	.9	2	2	66	.49	.059	7	34	.38	85	.13	2	1.72	.02	.04	1	1
B 45+00N 103+00E	1	32	17	204	.3	31	12	478	4.41	6	5	ND	2	20	.5	2	3	84	.35	.231	6	50	.69	104	.10	2	3.76	.01	.04	1	1
B 45+00N 103+50E	1	40	10	161	.3	28	13	483	4.87	11	5	ND	2	22	.8	2	2	91	.40	.422	6	51	.68	128	.09	2	3.10	.01	.05	1	20
B 45+00N 104+00E	1	17	8	147	.2	13	4	202	1.75	2	5	ND	1	30	.3	3	2	48	.53	.039	7	29	.54	131	.11	2	1.83	.02	.04	1	1
B 45+00N 104+50E	1	39	16	196	.2	29	11	485	4.61	7	5	ND	1	27	.8	2	2	80	.49	.484	6	50	.73	201	.08	2	2.98	.02	.05	1	180
B 45+00N 105+00E	1	37	7	229	.3	29	13	436	5.17	12	5	ND	2	26	.4	2	2	96	.42	.238	7	52	.78	160	.11	2	3.10	.01	.05	1	20
B 45+00N 105+50E	3	17	7	64	.2	14	6	208	3.59	5	5	ND	1	30	.5	3	2	130	.39	.031	6	36	.51	78	.13	2	2.17	.02	.03	1	67
B 45+00N 106+50E	1	24	7	188	.3	22	10	320	5.24	9	6	ND	1	25	.6	2	2	119	.43	.151	7	53	.68	111	.13	2	2.69	.02	.04	1	11
B 45+00N 107+00E	1	41	14	181	.4	27	13	480	4.65	8	5	ND	2	20	.6	2	2	85	.38	.284	7	52	.66	107	.10	6	3.29	.01	.04	1	8
B 45+00N 107+50E	1	54	12	147	.3	34	15	778	4.59	7	5	ND	2	25	.2	2	2	95	.45	.229	6	58	.80	128	.11	2	2.80	.01	.05	1	9
B 45+00N 108+50E	1	34	4	104	.1	35	10	514	3.22	10	5	ND	1	37	.8	3	2	61	.57	.049	12	46	.77	150	.11	2	1.78	.03	.07	1	4
B 45+00N 109+00E	1	33	4	65	.1	33	11	415	2.84	8	5	ND	1	34	.6	2	3	59	.55	.083	9	40	.71	122	.12	13	1.54	.03	.06	1	2
B 45+00N 109+50E	1	26	7	125	.3	28	8	531	2.74	2	5	ND	1	33	.9	2	2	55	.63	.043	9	44	.63	155	.09	4	1.73	.02	.07	1	35
B 45+00N 110+50E	1	25	5	96	.1	23	8	538	2.43	5	5	ND	1	32	.4	2	2	54	.52	.037	11	37	.60	150	.09	2	1.70	.02	.05	2	6
B 45+00N 111+00E	1	31	5	59	.1	29	8	301	2.73	6	5	ND	1	27	.8	2	2	61	.48	.042	8	37	.70	109	.11	7	1.79	.02	.04	1	3
B 45+00N 111+50E	1	20	5	100	.1	21	7	387	2.28	2	5	ND	1	26	.2	2	2	57	.44	.039	8	35	.45	143	.10	2	2.02	.02	.03	1	2
B 45+00N 112+00E	1	22	14	69	.1	26	7	318	2.82	6	5	ND	1	29	.4	2	2	60	.47	.042	9	41	.80	100	.11	8	1.71	.02	.05	1	5
B 45+00N 112+50E	1	24	8	65	.1	23	8	331	2.39	3	5	ND	1	28	.4	2	2	55	.46	.040	9	35	.66	95	.10	2	1.54	.02	.04	1	4
B 45+00N 113+00E	1	24	6	56	.1	26	6	302	2.43	4	5	ND	1	32	.5	2	2	53	.48	.049	9	37	.76	99	.11	8	1.60	.02	.05	1	8
B 45+00N 113+50E	1	24	8	66	.1	26	6	280	2.34	2	5	ND	1	30	.9	2	2	53	.49	.053	9	37	.72	104	.10	7	1.66	.02	.04	1	7
B 45+00N 114+00E	1	19	8	66	.1	24	6	285	2.20	2	5	ND	1	29	.3	2	4	50	.42	.027	9	38	.70	118	.09	2	1.64	.02	.04	1	5
B 45+00N 114+50E	1	22	13	65	.1	26	6	260	2.09	5	5	ND	1	32	.2	2	2	47	.50	.056	9	34	.68	109	.11	5	1.58	.02	.04	1	4
B 45+00N 115+00E	1	20	7	47	.1	25	5	233	2.00	4	5	ND	1	31	.2	2	2	45	.48	.054	9	32	.66	90	.11	2	1.42	.02	.04	1	5
STANDARD C/AU-S	18	60	41	132	7.2	70	29	1031	4.14	43	25	7	36	47	18.5	16	22	56	.52	.097	36	56	.92	175	.07	34	1.97	.05	.14	11	54

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 45+00N 115+50E	1	21	6	70	.1	27	6	232	2.10	4	5	ND	1	32	.2	2	2	55	.43	.036	10	36	.63	110	.12	3	1.61	.03	.04	1	11
B 45+00N 116+00E	1	24	8	52	.1	28	7	271	2.33	2	5	ND	2	37	.2	2	2	58	.53	.059	10	36	.67	114	.13	9	1.40	.05	.06	2	10
B 44+00N 38+00E	1	31	7	78	.1	28	7	267	2.63	8	5	ND	2	33	.3	2	2	72	.53	.044	9	34	.72	121	.12	2	1.89	.03	.05	1	7
B 44+00N 38+50E	1	47	8	94	.1	33	9	351	3.15	3	5	ND	1	33	.4	2	2	80	.53	.050	11	39	.73	131	.10	2	2.34	.03	.05	1	12
B 44+00N 39+00E	1	23	4	66	.1	22	6	291	2.16	2	5	ND	1	31	.2	2	2	62	.50	.037	9	30	.58	106	.11	2	1.51	.03	.05	1	4
B 44+00N 39+50E	1	35	8	111	.2	27	8	345	2.66	2	5	ND	1	33	.3	2	2	72	.58	.047	10	34	.69	129	.11	2	2.05	.03	.05	1	3
B 44+00N 40+00E	1	38	8	102	.1	33	8	294	3.26	10	5	ND	2	34	.5	3	3	80	.58	.098	9	36	.71	143	.11	8	2.13	.03	.06	1	9
B 44+00N 40+50E	1	31	7	107	.3	25	7	298	2.80	2	5	ND	1	29	.2	2	2	75	.51	.095	7	32	.54	121	.10	2	1.92	.02	.06	1	1
B 44+00N 41+00E	1	33	7	82	.1	28	8	324	2.97	4	5	ND	1	33	.3	2	2	78	.60	.085	9	36	.70	116	.11	2	1.89	.03	.03	1	4
B 44+00N 41+50E	1	22	6	117	.2	23	9	415	2.82	5	5	ND	1	33	.4	2	2	74	.59	.092	8	34	.59	103	.12	7	1.76	.03	.07	1	6
B 44+00N 42+00E	1	57	3	107	.2	34	11	460	3.07	9	5	ND	1	39	.7	2	2	76	.65	.054	14	39	.71	153	.10	6	2.14	.03	.06	1	1
B 44+00N 42+50E	1	31	5	87	.1	22	8	391	2.72	3	5	ND	2	33	.3	2	2	75	.57	.074	9	31	.71	115	.13	3	1.87	.03	.06	1	2
B 44+00N 43+00E	1	29	2	100	.1	21	6	343	2.49	2	5	ND	1	38	.2	2	2	70	.61	.024	9	29	.79	118	.13	7	1.97	.03	.05	1	2
B 44+00N 43+50E	1	30	4	77	.2	23	7	348	2.46	2	5	ND	1	40	.2	2	2	71	.70	.059	9	30	.76	112	.13	2	1.80	.03	.05	1	1
B 44+00N 44+00E	1	55	6	125	.1	35	9	367	3.62	14	5	ND	2	33	.3	3	2	86	.52	.074	9	41	.92	147	.11	3	2.67	.03	.09	1	1
B 44+00N 45+00E	1	29	6	111	.1	27	8	234	2.94	7	5	ND	2	24	.3	2	2	73	.42	.100	7	33	.57	111	.11	2	2.28	.02	.04	1	2
B 44+00N 45+50E	1	36	7	103	.2	30	8	304	2.98	9	5	ND	2	27	.5	3	2	74	.48	.143	7	36	.58	88	.10	2	2.48	.02	.06	1	1
B 44+00N 46+00E	1	23	4	87	.1	19	6	295	2.35	2	5	ND	1	36	.2	2	2	68	.59	.078	9	28	.55	121	.13	3	1.55	.03	.08	2	3
B 44+00N 46+50E	1	42	5	131	.2	30	9	355	3.66	12	5	ND	2	32	.4	3	2	89	.57	.128	7	37	.77	114	.13	2	2.50	.03	.06	1	2
B 44+00N 47+00E	1	56	8	107	.1	32	10	345	3.86	8	5	ND	2	35	.6	3	3	95	.56	.126	8	40	.79	107	.12	2	2.65	.03	.07	1	1
B 44+00N 47+50E	1	47	2	93	.2	26	8	356	2.80	5	5	ND	2	36	.2	2	2	76	.56	.056	9	35	.75	111	.13	2	2.21	.03	.06	1	1
B 44+00N 49+00E	1	40	2	93	.2	26	9	585	2.97	4	5	ND	1	48	.4	2	3	83	.80	.041	9	36	.80	149	.12	3	2.22	.03	.07	1	1
B 44+00N 49+50E	1	33	5	85	.1	22	7	313	2.54	2	5	ND	1	34	.3	2	2	74	.55	.047	9	30	.64	107	.13	4	2.04	.03	.05	1	3
B 44+00N 50+00E	1	42	4	97	.2	26	8	431	3.07	9	5	ND	1	38	.5	2	2	82	.63	.076	9	37	.80	122	.12	3	2.34	.03	.07	1	2
B 44+00N 50+50E	1	68	5	133	.3	38	9	375	3.54	12	5	ND	1	49	.6	4	2	85	1.06	.079	8	40	.84	203	.09	3	2.59	.02	.05	1	4
B 44+00N 51+00E	1	16	5	102	.4	14	5	264	2.55	3	5	ND	2	31	.5	2	2	76	.56	.082	8	28	.44	104	.12	2	1.93	.02	.06	1	1
B 44+00N 51+50E	1	54	7	96	.2	32	9	412	3.24	3	5	ND	2	36	.7	3	2	83	.57	.063	10	39	.81	136	.12	6	2.41	.03	.06	1	4
B 44+00N 52+00E	1	24	3	78	.1	22	7	285	2.46	3	5	ND	1	34	.2	2	2	72	.56	.030	9	31	.67	123	.13	2	1.75	.02	.04	1	1
B 44+00N 52+50E	1	61	5	142	.2	40	12	777	3.57	12	5	ND	1	33	.5	3	2	81	.52	.064	11	45	.83	178	.08	2	2.59	.02	.07	1	4
B 44+00N 53+00E	1	49	5	139	.2	30	11	582	3.23	11	5	ND	1	35	.6	2	2	80	.56	.052	13	37	.66	169	.10	4	2.04	.02	.06	1	1
B 44+00N 53+50E	1	36	6	99	.1	23	10	912	3.05	3	5	ND	1	36	.9	2	2	80	.63	.096	8	33	.61	146	.12	2	1.52	.02	.07	1	1
B 44+00N 54+00E	1	36	4	97	.2	21	8	675	3.12	10	5	ND	1	34	1.1	2	2	83	.58	.090	7	33	.49	136	.12	4	1.64	.02	.08	1	1
B 44+00N 54+50E	1	45	6	93	.1	28	10	519	3.22	12	5	ND	1	35	.6	3	2	79	.64	.074	8	34	.64	106	.10	2	1.73	.02	.05	1	1
B 44+00N 55+00E	1	41	7	117	.1	26	9	445	3.70	12	5	ND	1	33	.9	2	2	89	.56	.114	7	36	.67	161	.11	2	1.90	.02	.05	1	1
B 44+00N 55+50E	1	55	4	96	.1	34	12	534	3.60	14	5	ND	1	39	.6	3	3	86	.66	.060	8	40	.78	134	.11	2	2.03	.02	.07	1	3
B 44+00N 56+00E	1	41	2	63	.1	37	11	421	2.89	11	5	ND	2	31	.2	2	3	70	.54	.059	11	46	.68	100	.12	2	1.52	.02	.04	1	2
STANDARD C/AU-S	18	63	37	131	7.9	68	29	1002	3.94	43	23	8	39	49	18.5	16	20	61	.50	.091	38	56	.91	180	.08	34	1.91	.06	.13	11	45

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 44+00N 56+50E	1	42	14	159	.3	25	14	877	4.41	12	5	ND	1	29	.5	2	2	105	.64	.151	5	45	.62	192	.11	2	2.27	.01	.05	1	12
B 44+00N 102+00E	1	29	18	179	.3	21	11	681	4.29	7	5	ND	1	25	.2	2	2	92	.41	.203	7	47	.53	160	.12	2	2.25	.01	.04	1	8
B 44+00N 102+50E	1	54	4	141	.2	41	14	694	4.29	11	5	ND	1	22	.6	2	2	85	.42	.233	6	52	.69	95	.10	2	3.14	.01	.04	2	1
B 44+00N 103+00E	1	45	13	199	.3	32	15	1419	3.93	9	5	ND	1	24	.8	2	2	85	.43	.169	6	49	.62	152	.11	2	3.16	.01	.04	1	8
B 44+00N 103+50E	1	36	12	201	.6	21	15	720	4.28	14	5	ND	1	28	.3	3	4	87	.55	.282	5	47	.72	149	.10	2	3.54	.01	.05	1	280
B 44+00N 104+00E	1	62	10	232	.3	38	14	809	4.63	16	5	ND	1	33	.8	3	6	91	.55	.348	6	60	.82	241	.10	2	2.91	.01	.05	2	21
B 44+00N 104+50E	1	39	16	161	.4	31	11	393	4.83	14	5	ND	2	22	.5	2	2	86	.38	.270	7	49	.67	130	.10	5	3.34	.01	.04	1	4
B 44+00N 105+00E	1	37	16	191	.2	33	15	653	5.53	16	5	ND	1	24	.2	2	2	116	.47	.223	6	63	.75	193	.11	2	2.71	.01	.03	1	3
B 44+00N 106+00E	1	31	17	219	.2	23	12	659	3.78	6	5	ND	2	21	.5	2	2	75	.41	.279	7	45	.64	112	.10	2	2.82	.01	.04	1	8
B 44+00N 106+50E	1	25	10	157	.3	27	10	477	3.65	7	5	ND	1	31	.9	2	2	79	.56	.207	6	45	.62	133	.10	9	2.62	.01	.05	1	1
B 44+00N 107+00E	1	35	16	203	.2	31	13	445	4.43	7	5	ND	1	19	.2	2	2	85	.37	.258	7	55	.65	114	.10	6	3.03	.01	.04	1	7
B 44+00N 107+50E	1	23	9	207	.2	22	13	707	3.56	6	5	ND	1	24	.2	2	2	79	.44	.149	6	44	.63	130	.11	2	2.57	.01	.04	1	2
B 44+00N 108+00E	1	34	12	106	.2	25	9	333	3.69	2	5	ND	1	22	.2	2	2	84	.39	.198	5	42	.63	81	.11	2	2.90	.01	.03	1	11
B 44+00N 109+50E	1	20	7	91	.2	33	10	365	2.96	5	5	ND	2	35	.7	2	2	55	.51	.042	10	47	.79	148	.10	3	1.73	.01	.06	1	1
B 44+00N 110+00E	1	24	15	97	.2	35	9	466	2.81	5	5	ND	1	28	.2	2	2	55	.45	.039	9	45	.70	135	.11	6	1.64	.02	.06	1	1
B 44+00N 110+50E	1	24	9	70	.1	29	10	295	2.79	7	5	ND	1	28	.5	2	2	62	.46	.073	8	40	.64	99	.12	2	1.63	.01	.05	1	1
B 44+00N 111+00E	1	29	3	89	.1	35	11	472	3.16	3	5	ND	2	33	.2	2	2	65	.53	.065	10	48	.85	120	.12	5	1.77	.02	.05	1	9
B 44+00N 111+50E	1	18	9	116	.2	24	9	373	2.25	2	5	ND	1	26	.2	2	2	54	.46	.042	7	34	.60	101	.10	2	1.57	.01	.03	1	3
B 44+00N 112+00E	1	36	4	102	.3	38	11	400	2.99	4	5	ND	1	28	.4	3	2	66	.48	.054	7	43	.74	134	.10	8	1.99	.01	.04	1	2
B 44+00N 112+50E	1	24	2	108	.1	27	10	594	2.64	3	5	ND	1	29	.2	2	2	57	.44	.068	10	41	.65	149	.09	2	1.90	.01	.04	1	2
B 44+00N 113+00E	1	23	10	72	.1	30	9	324	2.53	8	5	ND	1	31	.2	2	2	54	.48	.057	10	41	.72	106	.11	2	1.57	.01	.04	1	19
B 44+00N 113+50E	1	24	8	75	.1	30	10	344	2.64	3	5	ND	1	29	.5	2	2	55	.46	.066	10	41	.69	100	.11	6	1.50	.02	.04	1	1
B 44+00N 114+00E	1	19	11	77	.1	25	8	332	2.24	2	5	ND	1	28	.2	2	2	54	.47	.028	8	37	.67	107	.11	4	1.66	.01	.03	1	1
B 44+00N 114+50E	1	17	3	98	.1	27	7	259	1.96	2	5	ND	1	27	.2	2	2	47	.46	.043	8	34	.54	110	.11	2	1.38	.01	.03	1	1
B 44+00N 115+00E	1	18	3	66	.1	25	7	262	2.03	5	5	ND	1	29	.3	2	2	48	.45	.030	10	34	.59	104	.11	2	1.39	.01	.03	1	3
B 44+00N 115+50E	1	18	2	86	.1	25	8	402	2.35	7	5	ND	1	33	.4	3	3	51	.49	.036	11	40	.65	130	.11	2	1.47	.02	.05	1	54
B 44+00N 116+00E	1	18	2	82	.1	28	8	354	2.23	6	5	ND	1	31	.2	2	2	48	.47	.031	10	40	.67	122	.10	4	1.54	.02	.05	1	3
B 43+00N 48+50E	1	50	13	108	.4	37	11	434	3.77	12	5	ND	1	34	.2	3	2	85	.53	.068	8	48	.95	127	.11	6	2.80	.02	.05	1	3
B 43+00N 49+00E	1	31	2	78	.1	22	7	363	2.62	2	5	ND	1	33	.9	2	2	67	.62	.038	8	32	.72	105	.13	2	1.89	.01	.03	1	3
B 43+00N 49+50E	1	45	19	91	.1	29	11	473	3.17	9	5	ND	1	39	.2	2	2	80	.74	.064	8	37	.83	108	.14	5	2.21	.02	.04	1	2
B 43+00N 50+00E	1	20	8	70	.1	19	7	260	2.15	2	5	ND	1	29	.2	3	2	59	.54	.031	8	29	.58	96	.13	8	1.52	.01	.03	1	1
B 43+00N 50+50E	1	31	4	84	.3	28	9	348	3.11	9	5	ND	1	30	.4	2	2	71	.57	.103	7	39	.70	91	.12	2	1.89	.01	.04	1	10
B 43+00N 51+00E	1	25	2	84	.1	17	7	361	2.45	6	5	ND	1	35	.2	2	2	67	.60	.045	8	27	.60	106	.13	5	1.69	.01	.04	1	6
B 43+00N 51+50E	1	44	3	104	.1	30	11	493	3.34	4	5	ND	1	30	.5	2	2	77	.54	.056	8	42	.80	118	.11	2	2.54	.01	.05	1	3
B 43+00N 52+00E	1	30	11	78	.2	22	7	352	2.46	4	5	ND	1	31	.3	2	2	63	.55	.043	8	31	.68	102	.11	2	1.95	.01	.04	1	4
B 43+00N 52+50E	1	25	8	71	.2	20	6	296	2.39	7	5	ND	1	30	.5	2	2	65	.53	.036	8	33	.61	93	.12	4	1.79	.02	.04	1	1
STANDARD C/AU-S	17	60	38	132	7.2	69	30	1029	4.06	42	20	6	37	47	18.9	15	18	57	.52	.097	37	60	.91	176	.07	33	1.93	.06	.13	13	45

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 43+00N 53+00E	1	36	13	108	.2	24	9	520	3.20	5	5	ND	1	36	.5	2	4	74	.56	.046	9	38	.77	121	.11	4	2.31	.01	.04	1	6
B 43+00N 102+50E	1	39	15	209	.3	24	15	640	5.00	9	5	ND	1	25	.2	2	2	95	.47	.369	6	50	.73	138	.11	2	2.82	.01	.04	2	3
B 43+00N 103+00E	1	47	24	202	.1	30	15	782	4.60	9	5	ND	2	22	.2	2	2	87	.39	.309	7	55	.76	117	.10	3	4.10	.01	.04	1	24
B 43+00N 103+50E	1	34	16	224	.3	26	12	579	5.10	6	5	ND	2	22	.2	2	2	92	.37	.235	7	49	.75	144	.12	2	3.22	.01	.04	2	17
B 43+00N 104+00E	1	35	13	331	.1	29	13	614	3.79	9	5	ND	1	30	.2	2	3	77	.53	.106	6	48	.79	134	.10	4	2.43	.01	.05	1	1
B 43+00N 104+50E	1	43	11	186	.3	39	11	666	4.11	8	5	ND	1	38	.2	2	2	74	.72	.081	7	61	1.07	125	.09	2	2.69	.01	.07	1	2
B 43+00N 105+00E	1	38	5	48	.1	29	9	331	2.78	11	5	ND	2	34	.2	2	2	58	.49	.033	10	45	.66	114	.13	8	1.46	.01	.04	1	4
B 43+00N 105+50E	1	35	3	224	.2	26	12	663	4.29	8	5	ND	1	25	.2	2	2	85	.47	.300	6	50	.75	148	.10	8	2.98	.01	.06	1	2
B 43+00N 106+00E	1	43	13	175	.2	32	13	669	4.41	14	5	ND	2	24	.2	2	2	85	.42	.276	6	50	.74	104	.10	4	2.94	.01	.04	1	6
B 43+00N 106+50E	1	70	16	124	.1	35	14	643	4.84	12	5	ND	1	35	.2	2	2	101	.67	.228	6	50	1.22	102	.13	5	3.19	.02	.06	2	3
B 43+00N 107+00E	1	35	18	229	.3	23	15	1185	4.15	5	5	ND	1	28	.2	3	2	92	.54	.207	6	46	.69	164	.10	5	3.91	.01	.03	2	2
B 43+00N 107+50E	1	37	8	204	.2	26	13	342	3.80	7	5	ND	1	20	.2	2	2	79	.40	.193	6	49	.60	102	.10	4	3.03	.01	.04	1	4
B 43+00N 108+00E	1	46	15	143	.1	36	12	383	4.55	10	5	ND	2	20	.2	2	4	88	.36	.222	8	60	.77	108	.11	3	3.27	.01	.03	1	1
B 43+00N 111+00E	1	38	19	93	.2	40	11	570	3.50	7	5	ND	1	40	.2	2	3	63	.60	.037	14	52	.86	168	.09	4	2.09	.01	.07	1	4
B 43+00N 112+00E	1	77	21	140	.5	58	12	688	4.22	13	5	ND	1	45	.2	2	2	75	.69	.050	24	65	.96	256	.08	4	2.91	.01	.09	1	4
B 43+00N 112+50E	1	45	17	97	.1	47	12	504	3.87	10	5	ND	2	42	.2	2	3	67	.58	.055	14	54	.93	200	.09	10	2.24	.02	.07	2	2
B 43+00N 113+00E	1	47	10	96	.1	47	13	694	3.85	12	5	ND	2	46	.2	2	4	68	.70	.071	13	55	.94	188	.09	7	2.19	.02	.08	1	4
B 43+00N 113+50E	1	53	18	105	.1	49	13	632	3.91	9	5	ND	2	48	.2	2	2	65	.70	.056	14	54	.93	194	.09	2	2.20	.02	.08	1	4
B 43+00N 114+00E	1	32	9	85	.1	33	10	311	2.93	10	5	ND	2	37	.2	2	3	58	.72	.052	9	46	.63	177	.09	4	1.91	.02	.05	1	4
B 43+00N 114+50E	1	36	12	84	.1	38	12	499	3.25	10	5	ND	2	42	.2	2	2	61	.66	.065	13	48	.79	133	.10	11	1.70	.02	.06	1	3
B 43+00N 115+00E	1	19	10	68	.1	29	8	257	2.41	4	5	ND	2	29	.2	2	2	52	.44	.041	9	39	.60	105	.11	4	1.52	.01	.04	1	5
B 43+00N 115+50E	1	21	8	93	.1	27	8	266	2.35	5	5	ND	1	29	.2	2	2	54	.45	.028	10	37	.59	126	.11	4	1.69	.01	.03	1	3
B 43+00N 116+00E	1	24	15	299	.1	26	13	1029	3.39	4	5	ND	1	30	.2	2	2	67	.49	.148	9	47	.61	181	.09	4	2.25	.01	.06	1	4
B 42+00N 45+00E	1	32	13	73	.2	18	7	343	2.88	8	5	ND	1	39	.2	2	4	78	.71	.052	7	31	.65	103	.14	2	1.98	.01	.03	2	3
B 42+00N 45+50E	1	29	8	87	.1	21	8	372	2.56	4	5	ND	1	34	.2	2	2	68	.62	.042	9	29	.63	115	.12	13	2.06	.01	.04	1	3
B 42+00N 46+00E	1	27	13	141	.2	19	9	296	3.21	6	5	ND	1	32	.2	2	2	71	.56	.114	9	33	.45	123	.11	6	2.25	.01	.06	1	1
B 42+00N 46+50E	1	51	15	84	.1	31	11	410	3.55	12	5	ND	2	30	.2	3	2	80	.54	.076	8	44	.80	94	.12	5	2.37	.01	.05	1	1
B 42+00N 47+00E	1	36	9	83	.2	21	10	507	2.57	7	5	ND	1	32	.2	2	2	66	.58	.057	10	32	.62	118	.10	9	2.16	.01	.04	1	4
B 42+00N 47+50E	1	27	12	78	.1	18	7	338	2.69	6	5	ND	1	31	.3	2	2	73	.57	.086	7	30	.46	97	.11	3	1.86	.01	.05	2	6
B 42+00N 48+00E	1	46	9	122	.3	26	9	390	3.57	7	5	ND	1	32	.2	2	2	80	.50	.057	8	40	.83	115	.12	4	2.68	.01	.04	1	4
B 42+00N 48+50E	1	37	6	97	.1	23	8	402	3.16	7	5	ND	1	35	.2	2	2	76	.63	.061	7	37	.72	100	.11	6	2.37	.01	.04	1	2
B 42+00N 49+00E	1	38	11	105	.1	22	9	322	3.08	6	5	ND	1	35	.2	2	2	75	.56	.053	9	34	.66	127	.11	2	2.15	.01	.04	1	3
B 42+00N 50+00E	1	19	12	68	.1	11	6	287	2.02	2	5	ND	1	37	.4	2	2	60	.66	.019	7	26	.63	98	.10	6	1.86	.01	.04	1	5
B 42+00N 50+50E	1	38	7	58	.1	20	6	280	2.25	6	5	ND	1	38	.2	2	2	63	.68	.049	9	33	.59	122	.11	7	2.02	.01	.04	1	9
B 42+00N 51+00E	1	22	13	65	.1	14	6	305	1.85	4	5	ND	1	35	.2	2	2	56	.61	.032	8	28	.59	103	.10	2	1.87	.01	.04	2	2
B 42+00N 51+50E	1	24	8	71	.1	15	6	310	2.22	5	5	ND	1	32	.2	2	2	58	.57	.035	7	29	.64	108	.09	2	1.71	.01	.03	1	1
STANDARD C/AU-S	18	59	38	132	7.2	68	30	1026	4.06	43	19	6	36	48	18.1	15	21	56	.51	.095	35	56	.91	172	.07	36	1.96	.06	.13	12	45

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 42+00N 52+00E	1	44	6	70	.1	30	7	405	2.99	2	5	ND	2	36	.3	2	2	75	.68	.057	9	35	.85	119	.13	2	2.34	.02	.05	1	9
B 42+00N 52+50E	1	41	7	106	.4	28	7	391	2.68	2	5	ND	1	34	.2	2	2	67	.60	.037	8	35	.84	137	.09	2	2.44	.02	.05	2	3
B 42+00N 53+00E	1	23	4	105	.3	20	6	441	2.38	3	5	ND	1	33	.3	2	2	62	.67	.035	7	27	.72	104	.11	2	1.78	.02	.04	1	5
B 42+00N 56+50E	1	33	6	86	.3	27	7	444	2.53	4	5	ND	1	30	.4	2	2	61	.57	.040	9	34	.83	133	.09	2	2.17	.02	.05	1	4
B 42+00N 57+00E	1	31	3	81	.2	24	6	362	2.76	3	5	ND	1	29	.2	2	2	66	.57	.049	8	32	.81	98	.11	2	1.97	.02	.05	2	10
B 42+00N 57+50E	1	77	15	196	.7	55	13	762	5.08	16	5	ND	1	34	.4	6	2	98	.59	.093	10	60	1.18	220	.08	2	3.93	.02	.11	1	3
B 42+00N 58+00E	1	29	7	92	.2	25	6	342	2.67	8	5	ND	1	28	.2	2	2	62	.53	.042	9	34	.78	99	.10	3	1.93	.02	.05	1	2
B 42+00N 58+50E	1	39	4	106	.2	30	7	518	2.82	2	5	ND	1	31	.3	2	2	63	.56	.048	12	40	.64	140	.08	2	1.84	.02	.04	1	3
B 41+00N 38+00E	1	23	7	137	.1	28	7	264	3.59	11	5	ND	1	25	.2	2	2	76	.38	.105	7	40	.57	108	.09	2	2.13	.01	.03	1	3
B 41+00N 38+50E	1	48	6	101	.3	31	8	439	3.67	12	5	ND	1	31	.3	2	2	79	.56	.085	11	38	.78	115	.11	6	2.31	.02	.06	1	2
B 41+00N 39+00E	1	55	10	120	.1	37	9	390	4.19	9	5	ND	1	35	.2	3	2	89	.68	.102	9	41	.90	148	.11	5	2.69	.02	.06	1	2
B 41+00N 39+50E	1	43	7	95	.1	22	7	441	2.94	4	5	ND	1	34	.2	2	2	76	.62	.032	9	34	.78	133	.12	8	2.41	.02	.04	1	3
B 41+00N 40+00E	1	57	9	102	.2	32	8	435	3.56	13	5	ND	1	31	.2	2	2	81	.56	.059	9	39	.92	122	.10	8	2.62	.02	.05	1	1
B 41+00N 40+50E	1	27	7	81	.1	16	6	266	2.55	8	5	ND	1	34	.2	2	2	72	.64	.036	8	27	.62	89	.12	8	2.03	.02	.03	2	6
B 41+00N 41+00E	1	34	5	68	.1	21	7	404	2.82	4	5	ND	1	39	.2	2	2	76	.74	.049	8	30	.78	89	.14	2	1.87	.01	.05	1	4
B 41+00N 41+50E	1	43	8	99	.2	26	9	456	3.43	6	5	ND	1	39	.2	2	2	84	.69	.057	8	37	.90	113	.12	2	2.48	.02	.05	1	5
B 41+00N 42+00E	1	37	8	131	.2	23	13	657	3.31	3	5	ND	1	33	.4	2	2	78	.60	.058	8	34	.76	113	.12	3	2.34	.01	.05	1	3
B 41+00N 42+50E	1	49	9	144	.3	29	10	483	3.57	3	5	ND	2	35	.4	3	2	84	.67	.049	8	37	.90	132	.12	2	2.80	.01	.06	1	1
B 41+00N 43+00E	1	101	16	178	.7	53	16	2463	4.98	9	5	ND	1	55	1.7	5	2	99	.93	.066	18	57	1.19	293	.09	2	4.26	.02	.09	2	3
B 41+00N 44+00E	1	18	5	70	.1	16	6	429	2.51	3	5	ND	1	32	.3	2	2	74	.57	.061	7	25	.48	128	.11	4	1.94	.02	.04	1	1
B 41+00N 44+50E	1	29	8	133	.2	26	8	311	3.41	8	5	ND	1	29	.4	3	2	79	.58	.124	7	34	.69	123	.11	2	2.88	.01	.05	1	4
B 41+00N 45+00E	1	33	6	125	.1	25	8	376	3.19	2	5	ND	1	30	.2	2	2	74	.57	.112	8	31	.69	112	.11	2	2.41	.01	.04	1	4
B 41+00N 45+50E	1	25	7	82	.1	18	8	344	2.87	3	5	ND	1	32	.2	2	2	72	.62	.073	8	29	.53	95	.12	8	1.90	.01	.05	2	8
B 41+00N 46+00E	1	37	6	94	.1	21	7	317	2.85	2	5	ND	1	34	.2	2	2	70	.53	.044	9	31	.71	101	.11	8	2.08	.02	.04	1	5
B 41+00N 46+50E	1	27	8	75	.1	17	5	288	2.35	2	5	ND	1	35	.2	2	2	68	.64	.035	8	27	.70	93	.12	8	1.95	.02	.04	1	2
B 41+00N 47+00E	1	25	5	64	.1	16	5	251	2.06	2	5	ND	1	33	.2	2	2	60	.61	.037	8	27	.67	93	.10	9	1.85	.02	.04	1	5
B 41+00N 47+50E	1	33	6	78	.2	21	6	324	2.71	6	5	ND	1	31	.2	2	2	71	.59	.055	8	32	.75	85	.11	2	2.33	.02	.05	1	3
B 41+00N 48+00E	1	55	9	165	.2	32	10	463	3.96	5	5	ND	1	31	.2	2	2	78	.52	.083	11	36	.66	159	.10	3	2.29	.02	.06	1	2
B 41+00N 48+50E	1	71	11	128	.5	36	9	369	3.66	6	5	ND	2	38	.2	3	2	89	.64	.030	10	47	1.00	198	.09	2	3.71	.02	.06	2	1
B 41+00N 49+00E	1	37	6	71	.2	20	5	258	2.26	7	5	ND	2	36	.2	2	3	70	.63	.021	9	31	.72	117	.11	2	2.21	.02	.04	1	7
B 41+00N 49+50E	1	45	7	98	.1	24	8	426	2.86	2	5	ND	2	39	.2	2	2	76	.63	.024	9	34	.69	146	.09	2	2.35	.02	.05	1	3
B 41+00N 50+00E	1	25	6	94	.1	16	6	269	2.43	2	5	ND	1	29	.2	2	2	67	.52	.047	8	27	.57	109	.10	2	1.92	.01	.04	1	1
B 41+00N 51+00E	1	41	8	116	.1	26	9	383	3.50	9	5	ND	1	36	.2	3	2	87	.62	.060	7	35	.75	140	.11	8	2.15	.02	.06	1	1
B 41+00N 51+50E	1	35	10	135	.2	27	8	359	3.99	3	5	ND	2	23	.2	2	2	85	.45	.192	6	38	.72	103	.08	5	2.96	.02	.06	1	1
B 41+00N 52+00E	1	51	8	115	.1	36	8	460	3.40	12	5	ND	2	28	.2	2	2	75	.51	.079	8	35	.79	157	.10	9	2.45	.02	.06	1	3
B 41+00N 53+00E	1	66	11	141	.7	39	10	526	3.56	6	5	ND	1	37	.2	3	2	81	.57	.050	12	51	.93	237	.05	3	3.26	.02	.10	1	3
B 41+00N 53+50E	1	32	4	117	.5	22	7	366	3.01	2	5	ND	1	23	.2	2	2	70	.43	.060	9	32	.68	127	.09	6	2.17	.02	.05	1	3
STANDARD C/AU-S	18	57	36	132	7.4	68	27	953	4.05	39	22	6	37	48	18.1	16	20	57	.52	.095	37	56	.94	176	.07	34	1.96	.06	.13	11	51

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 41+00N 54+00E	1	26	2	110	.1	20	6	611	2.50	2	5	ND	1	20	.2	2	2	55	.35	.081	4	25	.55	118	.06	2	1.80	.04	.24	1	4
B 41+00N 54+50E	1	22	2	112	.6	23	7	463	2.45	2	5	ND	1	31	.6	2	2	63	.63	.026	7	29	.65	132	.09	2	2.06	.02	.04	1	4
B 41+00N 55+00E	1	20	2	97	.3	18	6	352	2.50	3	5	ND	1	25	.3	2	2	65	.47	.058	8	28	.62	110	.09	6	1.90	.02	.05	1	1
B 41+00N 55+50E	1	22	5	82	.2	18	5	311	2.39	2	5	ND	1	27	.2	2	2	63	.53	.048	7	26	.67	109	.11	2	1.82	.02	.05	1	2
B 41+00N 56+00E	1	35	4	83	.2	25	7	366	2.78	2	5	ND	1	34	.2	2	3	71	.68	.059	8	33	.83	133	.11	3	2.13	.03	.05	1	2
B 41+00N 56+50E	1	30	2	100	.2	25	7	381	2.70	2	5	ND	1	32	.2	2	2	67	.62	.061	8	34	.80	150	.10	2	2.17	.02	.05	1	2
B 41+00N 57+00E	1	26	2	86	.2	22	6	339	2.34	3	5	ND	1	32	.2	2	2	63	.60	.036	8	31	.75	112	.11	3	1.91	.03	.05	1	14
B 41+00N 57+50E	1	23	2	81	.1	17	6	330	2.33	2	5	ND	1	32	.2	2	2	62	.64	.052	8	28	.67	111	.11	2	1.61	.03	.05	1	4
B 41+00N 58+00E	1	33	2	99	.3	27	8	393	2.92	4	5	ND	1	29	.2	2	2	72	.53	.048	8	38	.75	122	.10	2	2.18	.03	.04	1	2
B 41+00N 58+50E	1	43	8	83	.1	39	9	365	3.65	5	5	ND	2	32	.2	2	2	79	.50	.070	11	49	.94	140	.11	2	2.48	.03	.05	1	2
B 40+00N 38+00E	1	55	9	97	.3	29	9	408	3.38	7	5	ND	1	33	.2	3	2	83	.58	.059	7	41	.96	112	.11	2	2.97	.02	.05	1	4
B 40+00N 38+50E	1	41	5	92	.2	23	7	326	2.86	2	5	ND	1	33	.2	2	2	74	.57	.046	8	32	.79	119	.11	4	2.49	.02	.04	1	1
B 40+00N 39+00E	1	39	4	83	.1	22	7	348	3.02	4	5	ND	1	33	.3	2	2	78	.58	.052	7	34	.79	95	.12	9	2.26	.03	.04	1	3
B 40+00N 39+50E	1	39	7	149	.1	29	9	404	3.78	11	5	ND	1	27	.3	2	2	84	.42	.074	8	41	.72	126	.11	4	2.67	.02	.05	1	5
B 40+00N 40+00E	1	41	7	122	.1	32	10	326	4.29	14	5	ND	1	29	.3	2	2	93	.47	.094	6	39	.73	126	.11	6	2.43	.02	.04	1	5
B 40+00N 40+50E	1	45	6	113	.3	25	10	507	3.30	2	5	ND	1	38	.4	2	2	81	.69	.105	8	33	.71	153	.12	6	2.33	.03	.07	1	2
B 40+00N 41+00E	1	36	5	92	.3	22	8	387	3.03	7	5	ND	1	33	.4	3	2	77	.55	.055	8	31	.68	101	.12	2	2.10	.03	.05	1	7
B 40+00N 41+50E	1	33	2	81	.2	20	7	390	2.71	2	5	ND	2	39	.2	2	2	74	.63	.041	7	28	.73	89	.13	6	1.95	.02	.04	1	6
B 40+00N 42+00E	1	20	3	109	.2	18	7	349	2.73	4	5	ND	1	35	.2	2	2	74	.70	.088	7	29	.55	80	.12	2	1.77	.02	.06	1	3
B 40+00N 42+50E	2	141	16	229	1.1	69	23	2759	6.79	14	5	ND	2	56	.8	5	2	133	.88	.117	18	75	1.50	349	.08	5	5.87	.03	.14	1	4
B 40+00N 43+00E	1	34	9	212	.2	25	13	724	3.98	9	5	ND	1	31	.6	3	3	84	.62	.203	7	36	.71	157	.10	3	2.45	.02	.07	1	2
B 40+00N 43+50E	1	54	7	96	.2	33	12	484	3.60	6	5	ND	3	35	.3	2	2	84	.65	.098	8	39	.81	106	.12	12	2.08	.03	.08	1	6
B 40+00N 44+00E	1	43	5	121	.6	27	9	455	2.83	4	5	ND	1	28	.3	2	2	71	.49	.046	9	35	.77	126	.10	6	2.42	.02	.05	1	7
B 40+00N 44+50E	1	35	5	122	.2	23	6	292	2.73	5	5	ND	1	30	.2	2	2	71	.58	.061	8	32	.69	117	.12	5	2.18	.02	.05	1	1
B 40+00N 45+00E	1	26	5	60	.3	18	5	248	2.31	2	5	ND	2	30	.2	2	3	65	.52	.040	8	27	.61	96	.10	2	1.86	.02	.05	1	6
B 40+00N 45+50E	1	35	6	107	.3	24	7	356	3.05	8	5	ND	2	28	.2	2	2	75	.46	.046	8	37	.90	108	.11	10	2.34	.02	.05	1	2
B 40+00N 46+00E	1	40	4	82	.1	24	6	328	2.63	9	5	ND	1	32	.2	3	2	70	.58	.057	8	33	.77	98	.11	7	2.18	.03	.05	1	2
B 40+00N 49+00E	10	189	14	300	1.6	96	19	2072	6.16	16	6	ND	2	80	2.4	3	2	112	1.33	.065	25	69	1.09	348	.08	2	4.51	.02	.13	1	6
B 40+00N 49+50E	1	66	4	119	.3	38	10	481	3.27	12	5	ND	1	47	.5	2	2	75	.79	.032	14	40	.77	175	.11	4	2.16	.03	.07	1	5
B 40+00N 50+00E	1	39	6	74	.2	27	7	415	2.89	7	5	ND	1	35	.2	2	2	71	.59	.026	9	33	.75	119	.11	2	1.90	.03	.06	1	6
B 40+00N 50+50E	1	45	5	116	.4	31	10	863	3.19	5	5	ND	1	31	.5	2	2	75	.55	.051	12	36	.71	184	.08	2	2.31	.02	.07	1	1
B 40+00N 51+00E	1	37	5	142	.4	28	8	389	3.13	5	5	ND	1	27	.5	2	2	70	.47	.056	10	33	.67	128	.09	4	2.07	.02	.06	1	2
B 40+00N 51+50E	1	31	5	102	.4	24	7	404	3.00	2	5	ND	1	28	.4	2	2	68	.53	.080	9	31	.72	130	.10	5	1.91	.02	.07	1	1
B 40+00N 52+00E	1	39	5	133	.2	30	9	445	3.67	8	5	ND	2	26	.4	3	2	78	.48	.085	8	37	.75	130	.09	2	2.38	.02	.07	1	6
B 40+00N 52+50E	1	20	5	89	.4	13	6	374	2.18	2	5	ND	1	24	.4	2	2	61	.45	.060	7	24	.35	111	.08	2	1.76	.02	.05	1	3
B 40+00N 53+00E	1	22	.2	109	.1	20	8	574	3.10	2	5	ND	1	27	.2	2	2	76	.51	.073	7	31	.58	116	.10	7	2.04	.02	.06	1	4
STANDARD C/AU-S	18	58	37	131	7.3	67	27	944	4.00	41	21	6	36	47	18.2	16	19	58	.51	.095	37	57	.92	173	.08	34	1.94	.06	.14	13	47

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 40+00N 53+50E	1	37	8	115	.3	23	11	475	3.75	8	5	ND	1	25	.2	2	5	73	.51	.103	6	37	.74	106	.08	3	2.34	.01	.05	2	5
B 40+00N 54+00E	1	52	7	127	.4	34	11	653	3.80	2	5	ND	1	29	.3	3	2	71	.49	.071	9	46	.86	206	.05	2	2.91	.01	.06	1	3
B 40+00N 54+50E	1	28	11	92	.2	20	8	467	2.46	5	5	ND	1	30	1.1	2	2	54	.65	.042	8	31	.70	131	.08	2	1.86	.01	.04	1	3
B 40+00N 55+00E	1	27	15	111	.2	17	9	452	2.70	2	5	ND	1	27	.5	3	3	63	.56	.064	6	29	.62	155	.08	2	2.02	.01	.03	1	2
B 40+00N 55+50E	1	38	12	96	.2	21	8	424	2.52	5	5	ND	1	30	.5	2	2	58	.60	.040	9	32	.71	161	.07	4	2.02	.01	.04	1	2
B 40+00N 56+00E	1	18	8	103	.1	14	6	384	2.12	2	5	ND	1	23	1.2	2	2	50	.53	.035	7	25	.56	111	.10	2	1.44	.01	.03	1	1
B 40+00N 56+50E	1	36	11	107	.3	25	8	433	3.16	3	5	ND	1	24	.4	2	2	65	.51	.058	7	35	.77	138	.08	2	2.29	.01	.04	1	3
B 40+00N 57+00E	1	30	8	82	.5	23	7	316	3.12	6	5	ND	1	19	.5	2	2	64	.43	.075	5	33	.65	105	.09	2	2.21	.01	.04	1	1
B 40+00N 57+50E	1	20	4	151	.4	18	8	264	3.76	4	5	ND	1	21	.2	3	7	73	.42	.110	7	32	.53	115	.09	2	2.10	.01	.04	1	1
B 40+00N 58+00E	1	32	9	89	.3	22	8	336	2.89	2	5	ND	1	24	.2	2	2	63	.50	.047	8	32	.77	111	.10	6	2.03	.01	.03	1	1
B 40+00N 58+50E	1	47	13	92	.3	29	9	401	3.39	4	5	ND	1	25	.4	2	2	67	.43	.042	9	40	.84	118	.08	2	2.40	.01	.04	2	3
B 40+00N 59+00E	1	46	7	90	.2	27	11	468	3.93	9	5	ND	1	27	.3	3	2	82	.60	.069	7	39	.96	134	.13	10	2.52	.01	.05	1	3
B 40+00N 59+50E	1	42	13	96	.5	30	9	458	3.86	9	5	ND	1	29	.9	2	2	81	.59	.030	7	39	.80	171	.10	4	2.35	.01	.05	1	4
B 40+00N 60+00E	1	50	6	108	.3	24	8	534	3.14	5	5	ND	1	53	.4	2	2	59	1.50	.082	8	74	.90	154	.08	2	1.87	.01	.04	1	2
B 39+00N 38+00E	2	30	8	108	.1	29	7	267	2.84	2	5	ND	1	25	.2	2	2	68	.36	.048	7	43	.76	119	.06	4	2.27	.01	.03	1	1
B 39+00N 38+50E	1	45	7	93	.2	20	10	404	3.14	4	5	ND	1	31	.5	2	2	73	.51	.045	8	36	.65	111	.10	8	2.86	.01	.03	1	3
B 39+00N 39+00E	1	39	9	104	.2	19	9	403	3.18	6	5	ND	1	33	.5	2	2	69	.56	.063	7	31	.62	114	.09	6	2.17	.01	.04	2	3
B 39+00N 39+50E	1	37	6	81	.2	21	6	379	2.66	6	5	ND	1	33	.2	2	2	64	.66	.056	8	30	.75	96	.10	7	1.94	.01	.03	1	4
B 39+00N 40+00E	1	46	11	116	.1	22	11	792	3.17	8	5	ND	1	32	.7	2	2	67	.62	.071	9	32	.63	133	.10	4	1.95	.01	.04	1	2
B 39+00N 40+50E	1	46	16	104	.4	24	10	456	3.74	10	5	ND	1	36	.4	3	2	78	.73	.103	6	35	.76	90	.10	5	2.12	.01	.05	1	1
B 39+00N 41+50E	1	31	6	70	.1	21	8	307	2.88	6	5	ND	1	24	.4	2	2	62	.50	.056	6	29	.59	71	.10	7	1.53	.01	.05	1	1
B 39+00N 42+00E	1	26	2	83	.2	18	7	380	2.79	7	5	ND	1	26	.5	3	2	63	.55	.074	7	28	.56	87	.09	6	1.66	.01	.04	1	2
B 39+00N 47+00E	1	119	3	111	.7	85	11	676	4.14	13	5	ND	1	39	.6	2	3	67	.86	.024	13	45	.84	137	.09	4	2.40	.01	.05	1	1
B 39+00N 47+50E	1	51	6	96	.1	33	11	369	3.50	9	5	ND	1	22	.2	2	2	73	.44	.031	6	36	.68	96	.10	4	2.32	.01	.04	1	4
B 39+00N 48+00E	1	39	8	80	.2	27	9	424	3.35	6	5	ND	1	24	.4	2	3	73	.48	.040	6	35	.66	91	.10	4	1.95	.01	.05	1	1
B 39+00N 48+50E	1	32	2	78	.2	22	8	441	2.66	2	5	ND	1	25	.2	3	2	60	.54	.026	8	29	.68	110	.10	7	1.75	.01	.03	1	1
B 39+00N 49+00E	1	31	7	79	.2	18	5	341	2.72	6	5	ND	1	23	.2	2	2	59	.47	.047	8	30	.70	101	.09	5	1.94	.01	.03	1	1
B 39+00N 49+50E	1	48	12	84	.1	30	9	463	3.54	8	5	ND	1	25	.2	3	2	70	.48	.052	8	38	.78	101	.10	4	2.15	.01	.04	1	3
B 39+00N 50+00E	1	18	7	95	.3	18	7	343	3.06	4	5	ND	1	20	.2	2	2	67	.43	.071	6	29	.44	89	.09	3	1.58	.01	.04	1	1
B 39+00N 50+50E	1	25	11	109	.3	21	8	451	3.21	11	5	ND	1	25	.3	2	2	68	.52	.086	7	32	.57	116	.09	5	1.94	.01	.04	1	4
B 39+00N 51+00E	1	43	2	100	.2	25	7	383	3.22	7	5	ND	1	22	.2	2	2	66	.44	.050	8	33	.76	112	.08	3	2.27	.01	.04	1	2
B 39+00N 51+50E	1	37	9	90	.1	23	9	509	3.22	3	5	ND	1	26	.2	2	4	78	.60	.041	7	32	.84	133	.12	4	2.36	.01	.04	2	4
B 39+00N 52+00E	1	42	4	109	.2	29	10	621	3.08	10	5	ND	1	28	.2	2	2	63	.57	.052	9	35	.74	147	.08	8	2.21	.01	.04	1	2
B 39+00N 52+50E	1	46	4	98	.3	27	11	729	3.03	7	5	ND	1	25	.2	2	2	63	.49	.073	10	33	.71	121	.09	4	2.14	.01	.05	2	2
B 39+00N 53+00E	1	21	3	80	.3	17	9	852	2.78	5	5	ND	1	25	.5	2	2	63	.52	.126	6	31	.47	128	.08	5	1.83	.01	.04	1	3
B 39+00N 53+50E	1	67	8	101	.7	24	7	396	3.25	4	5	ND	1	26	.2	2	2	71	.47	.038	12	40	.58	142	.06	2	2.51	.01	.04	1	2
STANDARD C/AU-S	18	58	37	131	7.2	67	27	1028	4.07	42	20	7	36	48	17.6	15	22	56	.52	.086	35	57	.92	173	.08	37	1.94	.06	.13	11	54

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 39+00N 54+00E	1	109	2	168	.8	57	13	752	4.47	6	5	ND	1	46	.9	3	2	89	.86	.082	13	65	1.17	263	.07	2	4.42	.02	.07	1	7
B 39+00N 54+50E	1	29	3	85	.2	23	7	404	2.68	9	5	ND	1	35	.6	2	2	69	.73	.058	8	32	.75	116	.13	7	2.03	.02	.04	1	1
B 39+00N 55+00E	1	23	5	99	.1	16	6	304	2.20	3	5	ND	1	32	.6	2	2	61	.64	.031	9	27	.61	109	.13	7	1.82	.02	.03	1	7
B 39+00N 55+50E	1	131	14	193	1.1	61	15	778	4.79	6	5	ND	1	48	1.5	2	2	95	.97	.065	21	56	.88	304	.08	4	4.32	.01	.05	1	1
B 39+00N 56+00E	1	32	2	144	.5	24	10	355	4.39	10	5	ND	1	22	.3	2	2	81	.43	.101	7	42	.66	96	.11	5	2.67	.01	.05	1	1
B 39+00N 56+50E	1	28	2	150	.6	23	9	337	3.36	5	5	ND	1	25	.8	2	2	77	.55	.142	7	35	.63	102	.12	5	2.49	.02	.03	1	4
B 38+00N 38+00E	1	44	4	88	.3	24	9	403	3.42	8	5	ND	1	34	.3	2	2	81	.58	.041	7	38	.81	101	.11	6	2.64	.01	.04	1	1
B 38+00N 38+50E	1	54	13	104	.3	24	9	414	3.43	8	5	ND	1	35	.5	2	2	78	.56	.054	8	37	.72	142	.11	7	2.87	.01	.04	1	4
B 38+00N 39+00E	1	59	4	114	.3	32	10	484	3.96	6	5	ND	1	30	.2	2	3	85	.51	.054	7	42	.88	109	.11	2	2.89	.01	.05	1	1
B 38+00N 39+50E	1	51	11	150	.4	30	13	851	4.12	8	5	ND	1	28	.2	2	2	83	.46	.093	9	44	.70	155	.09	3	2.65	.02	.05	2	1
B 38+00N 40+00E	1	43	4	108	.3	30	10	439	3.79	5	5	ND	1	35	.2	2	2	83	.64	.085	8	42	.79	102	.12	5	2.39	.02	.04	1	1
B 38+00N 40+50E	1	64	10	142	.4	33	13	575	3.95	6	5	ND	1	31	.8	2	2	88	.53	.053	12	46	.79	155	.10	11	3.09	.02	.05	1	1
B 38+00N 41+00E	1	39	2	112	.2	24	10	404	3.18	5	5	ND	1	34	.5	2	2	72	.66	.067	10	36	.75	112	.12	4	1.99	.02	.04	1	3
B 38+00N 41+50E	1	35	5	69	.1	24	9	441	3.02	2	5	ND	1	34	.4	2	2	73	.64	.068	9	35	.74	93	.13	4	1.81	.02	.04	1	8
B 38+00N 42+00E	1	36	17	92	.1	23	8	449	3.07	6	5	ND	1	32	.2	2	2	73	.59	.064	9	37	.76	104	.13	2	2.08	.02	.04	1	7
B 38+00N 47+50E	1	49	8	257	.5	41	12	394	4.33	8	5	ND	2	20	.2	2	2	84	.36	.145	8	43	.64	103	.10	2	3.42	.01	.05	1	1
B 38+00N 48+00E	1	31	10	104	.3	26	9	380	3.01	9	5	ND	1	23	.4	2	2	67	.45	.078	7	32	.54	82	.10	4	1.99	.01	.05	1	1
B 38+00N 48+50E	1	37	9	226	.5	36	14	859	3.87	2	5	ND	1	26	.5	2	2	80	.49	.119	8	36	.55	141	.09	5	2.62	.01	.05	1	2
B 38+00N 49+00E	1	59	7	100	.3	31	8	275	2.84	7	5	ND	1	25	.2	2	2	69	.46	.037	8	38	.69	156	.09	5	3.19	.01	.05	1	1
B 38+00N 49+50E	1	36	8	98	.2	24	8	369	3.18	5	5	ND	1	26	.2	2	2	75	.49	.063	7	38	.71	118	.10	6	2.61	.01	.03	1	1
B 38+00N 50+00E	1	26	2	85	.3	20	7	366	2.66	7	5	ND	1	28	.4	2	2	65	.52	.040	7	32	.67	101	.11	2	2.00	.01	.03	1	1
B 38+00N 50+50E	1	39	10	87	.3	27	8	478	3.12	7	5	ND	1	30	.2	2	2	71	.55	.075	6	36	.74	131	.10	2	2.25	.01	.04	1	1
B 38+00N 51+00E	1	34	4	77	.1	19	7	296	2.62	2	5	ND	1	26	.2	2	2	63	.46	.029	7	31	.66	97	.10	5	2.23	.01	.03	1	1
B 38+00N 51+50E	1	26	2	84	.1	18	7	360	2.60	7	5	ND	1	26	.9	2	2	62	.46	.039	8	32	.63	89	.11	2	2.11	.01	.03	1	1
B 38+00N 52+00E	1	27	3	56	.1	18	6	356	2.53	3	5	ND	1	32	.2	2	2	70	.59	.034	7	29	.71	100	.13	2	1.98	.01	.03	1	2
B 38+00N 52+50E	1	21	9	86	.1	21	5	279	2.49	2	5	ND	1	27	.4	2	2	63	.53	.077	6	28	.56	99	.11	2	2.01	.01	.03	1	1
B 38+00N 53+00E	1	38	6	91	.1	23	7	352	2.59	2	5	ND	1	27	.2	2	2	63	.52	.044	8	32	.64	113	.11	4	2.23	.01	.04	1	1
B 38+00N 54+00E	1	30	4	128	.1	26	8	399	2.91	6	5	ND	1	27	.2	2	2	65	.53	.053	8	33	.69	118	.11	4	2.05	.01	.05	1	1
B 38+00N 54+50E	1	46	10	96	.1	35	10	431	3.54	9	5	ND	1	23	.2	2	2	75	.46	.093	6	38	.76	109	.11	2	2.43	.01	.04	1	1
B 38+00N 55+00E	1	23	5	117	.2	23	8	401	3.04	3	5	ND	1	26	.2	2	2	69	.53	.094	7	30	.56	113	.11	5	2.03	.01	.04	1	1
B 38+00N 55+50E	1	24	8	125	.2	21	8	372	3.20	5	5	ND	1	26	1.0	2	2	74	.54	.087	7	33	.52	117	.11	7	2.16	.01	.04	1	1
B 38+00N 56+00E	1	29	9	105	.2	26	9	436	3.39	9	5	ND	1	24	.2	2	2	79	.44	.060	7	33	.58	103	.11	2	2.36	.01	.04	1	1
B 38+00N 56+50E	1	39	8	83	.2	29	8	378	3.72	9	5	ND	1	26	.2	3	2	81	.49	.087	6	39	.79	124	.11	2	2.68	.01	.04	1	1
B 38+00N 57+00E	1	36	9	125	.2	28	10	469	3.71	7	5	ND	1	32	.5	2	2	76	.62	.143	6	36	.67	133	.10	6	2.31	.01	.04	1	3
B 37+00N 38+00E	1	40	2	115	.1	23	11	677	2.94	4	5	ND	1	33	.4	2	2	69	.58	.060	8	34	.57	144	.09	2	1.85	.01	.05	1	1
STANDARD C/AU-S	18	57	37	132	7.1	66	28	1027	4.05	41	16	7	36	48	18.9	14	21	55	.51	.092	35	56	.91	173	.07	31	1.98	.06	.13	13	47

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 37+00N 38+50E	1	29	10	145	.4	23	9	323	3.91	2	5	ND	1	35	.2	2	2	95	.61	.063	8	35	.51	143	.11	4	2.04	.01	.05	1	1
B 37+00N 39+00E	1	44	10	165	.6	40	11	298	4.44	8	5	ND	2	33	.2	2	2	97	.55	.069	8	41	.74	129	.11	7	2.66	.02	.06	1	1
B 37+00N 39+50E	1	30	6	113	.2	19	6	266	2.62	2	5	ND	1	31	.2	2	2	72	.62	.040	8	31	.61	107	.11	5	1.86	.02	.06	1	7
B 37+00N 40+00E	1	44	5	92	.3	26	7	338	2.81	2	5	ND	2	37	.2	2	2	77	.66	.047	12	35	.74	139	.12	8	2.06	.02	.05	1	1
B 37+00N 40+50E	1	33	4	84	.2	19	7	345	2.59	2	5	ND	2	33	.2	2	2	73	.62	.042	9	32	.64	106	.13	8	1.76	.02	.04	2	1
B 37+00N 41+00E	1	48	7	109	.3	28	9	469	3.09	3	5	ND	1	32	.2	2	2	77	.58	.043	10	38	.79	128	.11	5	2.24	.01	.05	1	2
B 37+00N 41+50E	1	40	7	108	.4	25	10	549	2.92	6	5	ND	2	33	.3	2	2	74	.56	.042	10	37	.71	129	.11	2	2.01	.01	.06	1	4
B 37+00N 42+00E	1	38	2	81	.2	26	7	400	2.66	3	5	ND	2	34	.2	2	2	70	.62	.044	9	34	.75	112	.12	7	1.86	.02	.05	1	1
B 37+00N 47+00E	1	21	7	227	.2	18	13	656	3.58	2	5	ND	2	24	.4	2	2	82	.49	.199	7	31	.43	111	.11	6	2.03	.01	.08	1	1
B 37+00N 47+50E	1	50	9	195	.5	40	12	764	4.14	3	5	ND	1	27	.2	2	2	84	.47	.088	9	46	.82	153	.09	2	2.86	.01	.08	1	1
B 37+00N 48+00E	1	44	10	144	.3	33	9	330	3.97	2	5	ND	2	30	.2	2	2	90	.56	.124	9	43	.78	140	.12	4	2.96	.02	.06	1	1
B 37+00N 48+50E	1	28	7	105	.3	26	7	292	3.58	4	5	ND	2	29	.2	2	2	87	.52	.112	8	35	.68	89	.12	7	2.52	.02	.05	1	2
B 37+00N 49+00E	1	21	6	125	.4	16	5	245	2.54	2	5	ND	2	27	.2	2	2	68	.52	.077	8	27	.57	86	.11	6	2.06	.01	.05	1	9
B 37+00N 49+50E	1	32	5	73	.2	22	7	368	2.62	4	5	ND	2	31	.2	2	2	72	.58	.043	9	31	.73	114	.12	2	2.02	.01	.05	1	3
B 37+00N 50+00E	1	61	10	136	.7	32	13	686	3.77	3	5	ND	1	35	.2	2	2	87	.56	.098	11	44	.66	200	.10	2	3.34	.02	.07	2	2
B 37+00N 50+50E	1	36	6	69	.1	21	6	303	2.41	2	5	ND	1	34	.2	2	2	68	.60	.035	8	30	.76	102	.12	2	2.03	.02	.05	1	1
B 37+00N 51+00E	1	28	4	91	.3	18	7	317	2.39	2	5	ND	1	31	.2	2	2	67	.56	.028	9	30	.68	109	.11	4	1.96	.02	.05	1	2
B 37+00N 51+50E	1	40	5	103	.2	24	8	437	2.66	2	5	ND	1	35	.2	2	2	69	.61	.058	10	34	.70	144	.10	10	2.37	.02	.05	1	1
B 37+00N 52+50E	1	24	6	83	.3	17	5	259	2.26	5	5	ND	1	31	.2	3	3	65	.58	.035	8	28	.61	114	.10	4	1.84	.02	.05	2	1
B 37+00N 53+00E	1	26	7	135	.5	24	9	550	3.18	6	5	ND	1	29	.4	2	2	72	.54	.139	7	36	.58	86	.10	2	2.06	.01	.07	1	1
B 37+00N 53+50E	1	24	8	94	.4	18	7	350	2.85	2	5	ND	2	30	.3	2	2	77	.60	.061	8	31	.51	96	.12	8	1.99	.02	.06	1	2
B 37+00N 54+00E	1	18	5	117	.3	15	5	275	2.31	3	5	ND	1	29	.2	2	2	67	.57	.051	8	25	.52	125	.12	2	1.69	.01	.06	1	1
B 37+00N 54+50E	1	25	7	96	.3	19	6	276	3.43	2	5	ND	1	27	.2	2	2	93	.55	.110	7	32	.52	83	.13	7	2.00	.02	.06	1	1
B 37+00N 55+00E	1	45	10	117	.3	32	11	443	3.56	7	5	ND	2	31	.5	2	2	87	.60	.063	7	37	.74	130	.12	5	2.54	.02	.06	1	1
B 37+00N 56+00E	1	40	7	94	.2	28	8	381	3.50	5	5	ND	2	31	.2	2	2	85	.57	.076	9	37	.78	145	.11	9	2.24	.02	.06	1	2
B 37+00N 56+50E	1	20	4	83	.2	16	6	369	2.12	2	5	ND	1	30	.2	2	2	63	.57	.028	8	27	.61	120	.12	4	1.85	.02	.05	2	3
B 37+00N 57+00E	1	37	6	112	.4	25	9	524	2.88	2	5	ND	1	33	.2	2	2	74	.55	.051	9	38	.76	192	.10	7	2.60	.02	.07	1	3
B 37+00N 57+50E	1	22	4	77	.3	16	7	638	2.31	2	5	ND	1	32	.2	2	2	67	.61	.039	8	26	.62	134	.13	2	1.70	.01	.06	1	2
B 37+00N 58+00E	1	34	4	100	.3	22	7	434	2.75	5	5	ND	1	32	.2	2	2	72	.61	.066	8	31	.71	133	.12	3	2.01	.01	.07	1	2
B 37+00N 58+50E	1	32	8	111	.4	24	9	684	3.29	5	5	ND	1	33	.3	2	2	82	.64	.085	7	34	.65	140	.12	6	1.93	.02	.08	1	1
B 37+00N 59+00E	1	32	8	194	.3	29	11	497	3.82	3	5	ND	2	37	.2	2	2	79	.72	.271	6	35	.79	224	.10	2	2.39	.01	.09	1	1
B 37+00N 60+00E	1	37	11	220	.8	18	13	572	6.66	2	5	ND	2	29	.5	2	2	148	.96	.289	4	33	1.31	137	.21	2	3.71	.02	.13	1	1
B 37+00N 60+50E	1	28	9	369	.6	19	13	631	4.30	2	5	ND	2	28	.9	2	2	94	.62	.230	8	36	.68	152	.13	2	3.07	.01	.10	1	1
B 37+00N 61+00E	1	30	3	109	.2	25	7	434	2.89	4	5	ND	1	30	.2	2	2	70	.59	.080	8	33	.71	119	.11	8	1.89	.01	.07	1	1
B 37+00N 61+50E	1	25	8	113	.2	28	8	411	2.96	5	5	ND	1	26	.2	3	3	67	.51	.109	7	32	.71	107	.09	2	1.96	.01	.08	1	1
STANDARD C/AU-S	17	60	38	132	7.5	67	27	940	3.99	43	22	7	37	47	18.4	14	19	59	.51	.095	38	55	.93	180	.07	34	1.93	.06	.14	11	50

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 37+00N 62+00E	1	23	7	105	.2	22	8	397	2.94	7	5	ND	1	27	.2	2	2	65	.56	.113	6	34	.57	116	.10	5	1.77	.01	.04	1	15
B 37+00N 62+50E	1	20	16	130	.2	21	8	356	2.78	5	5	ND	1	23	.9	2	3	60	.48	.089	6	29	.61	111	.10	5	1.80	.01	.05	1	6
B 37+00N 63+00E	1	11	9	90	.1	14	6	514	1.88	2	5	ND	1	24	.5	2	2	52	.50	.050	6	22	.38	123	.11	3	1.21	.01	.05	2	1
B 37+00N 63+50E	1	18	12	101	.2	19	8	474	2.40	2	5	ND	1	25	.3	2	3	57	.50	.082	7	28	.53	109	.10	4	1.70	.01	.05	1	4
B 37+00N 64+00E	1	11	6	105	.1	12	7	420	2.01	2	5	ND	1	25	.2	2	4	50	.47	.049	8	27	.47	109	.10	6	1.39	.01	.04	1	5
B 37+00N 64+50E	1	24	15	116	.3	23	8	619	2.50	4	5	ND	1	28	.2	2	3	58	.56	.021	10	33	.55	141	.10	4	1.82	.01	.04	2	1
B 36+00N 38+00E	1	30	11	75	.1	23	9	348	2.67	4	5	ND	1	29	.2	3	2	66	.52	.044	8	33	.61	86	.12	6	1.63	.01	.03	2	4
B 36+00N 38+50E	1	115	16	142	.8	53	15	663	4.47	9	5	ND	1	48	.2	2	2	92	.74	.057	14	62	1.09	263	.08	4	3.86	.01	.07	1	10
B 36+00N 39+00E	1	37	8	97	.3	28	9	433	2.81	5	5	ND	1	36	.2	3	2	67	.61	.040	9	40	.79	140	.10	3	2.16	.01	.05	2	3
B 36+00N 39+50E	1	25	14	122	.1	23	9	399	2.93	6	5	ND	1	29	.7	2	2	70	.56	.082	7	33	.43	105	.11	2	1.64	.01	.04	1	4
B 36+00N 40+00E	1	50	9	84	.2	35	12	532	3.42	10	5	ND	1	35	.5	2	2	77	.68	.070	7	38	.72	128	.11	6	2.06	.01	.06	1	5
B 36+00N 40+50E	1	32	3	99	.2	25	12	633	2.96	3	5	ND	1	29	.9	2	2	71	.54	.044	10	36	.61	126	.11	3	2.01	.01	.04	1	3
B 36+00N 41+00E	1	31	12	88	.1	22	8	378	2.60	4	5	ND	1	30	.9	2	2	63	.56	.036	8	32	.69	102	.12	4	1.81	.01	.04	2	2
B 36+00N 47+00E	1	29	10	124	.1	23	8	346	3.14	4	5	ND	1	28	.6	2	2	72	.54	.094	7	35	.71	110	.11	4	2.20	.01	.04	2	3
B 36+00N 47+50E	1	36	11	88	.1	25	11	496	3.19	5	5	ND	1	30	.7	2	3	75	.54	.054	7	37	.71	132	.11	4	2.27	.01	.04	2	5
B 36+00N 48+00E	1	35	12	75	.2	32	10	476	3.12	7	5	ND	1	32	.4	2	3	70	.61	.040	8	35	.64	126	.12	2	1.97	.01	.04	1	1
B 36+00N 48+50E	1	30	10	144	.4	28	11	474	4.53	5	5	ND	1	25	.8	3	2	99	.44	.116	6	38	.52	78	.11	2	2.57	.01	.04	1	3
B 36+00N 49+00E	1	36	6	94	.3	26	12	568	3.40	7	5	ND	1	28	.4	2	2	81	.47	.040	8	40	.71	127	.10	2	2.48	.01	.03	1	1
B 36+00N 49+50E	1	27	8	79	.2	20	8	451	2.33	2	5	ND	1	28	.7	2	3	60	.52	.032	7	32	.65	134	.09	4	2.13	.01	.04	1	1
B 36+00N 50+50E	1	95	13	128	1.2	45	14	933	5.77	9	5	ND	2	65	.8	2	2	78	.99	.044	18	42	1.35	244	.04	6	3.84	.01	.09	1	4
B 36+00N 51+00E	1	22	7	105	.2	23	8	277	3.24	7	5	ND	1	29	.8	2	2	73	.58	.100	6	36	.52	135	.09	9	1.85	.01	.07	1	1
B 36+00N 51+50E	1	48	13	115	.3	36	13	437	3.73	9	5	ND	1	30	.9	2	3	81	.57	.085	7	40	.77	106	.12	4	2.49	.01	.06	1	1
B 36+00N 52+00E	1	35	14	111	.1	28	10	449	3.39	6	5	ND	1	31	1.0	2	4	76	.58	.101	7	34	.67	100	.11	8	2.31	.01	.06	1	3
B 36+00N 52+50E	1	9	10	59	.2	7	4	176	1.87	2	5	ND	1	25	.8	2	7	56	.47	.037	7	20	.31	76	.11	2	1.42	.01	.03	1	1
B 36+00N 53+00E	1	38	9	75	.1	28	10	492	3.03	5	5	ND	1	31	1.4	2	2	74	.60	.052	9	33	.74	118	.13	3	2.09	.01	.04	1	2
B 36+00N 53+50E	1	41	4	84	.3	25	9	432	2.82	6	5	ND	1	33	.9	2	4	67	.62	.063	10	36	.71	120	.12	2	2.01	.01	.05	3	3
B 36+00N 54+00E	1	40	12	85	.1	25	9	326	2.68	6	5	ND	1	31	1.2	2	4	65	.60	.038	10	33	.71	142	.12	4	2.23	.01	.04	1	1
B 36+00N 54+50E	1	44	6	86	.2	32	10	380	3.30	2	5	ND	1	25	1.1	2	2	72	.47	.047	7	37	.71	104	.12	12	2.50	.01	.04	3	1
B 36+00N 55+00E	1	36	8	110	.3	27	9	385	3.00	4	5	ND	1	26	1.1	2	8	72	.48	.050	9	35	.73	125	.11	2	2.58	.01	.03	1	1
B 36+00N 55+50E	1	54	7	169	.7	38	14	561	4.31	4	5	ND	1	26	1.4	2	2	87	.42	.076	10	47	.80	185	.09	2	3.61	.01	.06	1	1
B 36+00N 56+00E	1	30	9	109	.2	24	13	808	3.13	3	5	ND	1	30	1.2	2	2	74	.52	.056	9	35	.64	177	.10	2	2.36	.01	.06	1	1
B 36+00N 57+00E	1	32	10	97	.1	27	8	403	2.60	2	5	ND	1	27	.5	2	6	62	.50	.030	7	34	.77	131	.09	5	2.33	.01	.04	1	1
B 36+00N 57+50E	1	34	10	72	.2	23	8	384	2.74	4	5	ND	1	29	1.1	2	3	69	.58	.039	8	32	.81	114	.12	11	2.19	.01	.03	1	1
B 36+00N 58+00E	1	23	6	106	.1	23	8	337	3.00	2	5	ND	1	26	1.1	2	2	69	.46	.069	8	30	.65	95	.10	7	2.06	.01	.04	2	1
B 36+00N 58+50E	1	33	2	98	.1	24	8	498	2.84	2	5	ND	1	28	.9	2	3	68	.54	.041	9	33	.76	112	.12	6	2.04	.01	.04	1	7
B 36+00N 59+00E	1	28	3	82	.1	23	7	438	2.83	2	5	ND	1	31	1.0	2	2	68	.60	.048	8	34	.77	137	.12	2	1.96	.01	.04	1	4
STANDARD C/AU-S	18	59	38	132	7.2	67	28	1026	4.02	40	21	6	36	48	18.3	15	21	55	.51	.088	35	56	.91	174	.07	34	1.95	.06	.13	11	46

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 36+00N 59+50E	1	33	5	107	.3	25	9	543	3.53	8	5	ND	1	33	.2	2	2	82	.66	.099	8	32	.79	112	.12	8	1.85	.01	.07	1	5
B 36+00N 60+50E	1	13	4	70	.2	12	4	246	2.13	3	5	ND	1	25	.2	2	2	62	.49	.042	7	23	.41	81	.12	2	1.35	.01	.06	1	3
B 36+00N 61+00E	1	13	5	83	.3	16	5	282	2.09	5	5	ND	1	23	.2	2	2	57	.47	.040	7	25	.52	88	.12	5	1.52	.01	.06	1	1
B 36+00N 61+50E	1	27	5	107	.8	24	8	421	3.22	2	5	ND	1	26	.4	2	2	77	.53	.058	7	30	.66	131	.11	2	1.85	.01	.08	1	1
B 36+00N 62+00E	1	33	5	108	.3	28	7	449	2.75	2	5	ND	1	27	.4	2	2	65	.52	.071	9	30	.70	139	.10	2	2.03	.01	.05	1	2
B 36+00N 62+50E	1	20	6	111	.4	19	10	765	2.50	6	5	ND	1	27	.5	2	2	63	.48	.065	9	26	.44	162	.08	6	1.60	.01	.08	1	4
B 36+00N 63+00E	1	27	9	91	.2	24	7	359	2.72	2	5	ND	1	28	.4	2	2	65	.51	.060	8	29	.60	83	.11	6	1.67	.01	.06	1	1
B 36+00N 63+50E	1	23	5	117	.4	20	7	312	2.60	5	5	ND	1	27	.5	2	2	63	.52	.095	8	27	.46	114	.11	4	1.66	.01	.08	1	1
B 35+00N 47+00E	1	35	5	76	.2	25	6	309	2.64	2	5	ND	1	31	.2	2	2	69	.58	.063	9	32	.71	106	.13	7	2.09	.02	.07	1	3
B 35+00N 47+50E	1	37	5	83	.1	28	7	365	2.82	2	5	ND	2	34	.2	2	2	73	.61	.043	9	32	.79	126	.13	3	2.19	.02	.06	1	1
B 35+00N 48+00E	1	53	8	126	.7	37	9	569	3.27	6	5	ND	1	35	.3	2	2	78	.61	.038	12	39	.78	183	.10	5	2.65	.02	.06	1	3
B 35+00N 49+00E	1	42	6	73	.1	31	8	435	2.85	3	5	ND	1	35	.2	2	2	74	.63	.025	10	34	.73	132	.14	9	2.00	.02	.05	1	1
B 35+00N 49+50E	1	33	6	72	.2	23	5	288	2.14	5	5	ND	1	31	.2	2	2	61	.57	.044	9	27	.69	99	.12	2	1.98	.02	.06	1	1
B 35+00N 50+00E	1	45	8	62	.3	27	5	228	2.28	2	5	ND	1	32	.2	2	2	66	.59	.044	11	30	.60	142	.10	5	2.52	.01	.05	1	1
B 35+00N 53+50E	1	41	5	93	.3	32	9	363	3.44	4	5	ND	1	28	.4	2	2	82	.53	.083	7	33	.73	109	.13	6	2.57	.02	.06	1	2
B 35+00N 54+00E	1	12	6	92	.2	12	6	405	1.83	3	5	ND	1	29	.2	2	2	58	.60	.044	7	20	.43	116	.11	4	1.47	.02	.07	2	6
B 35+00N 54+50E	1	58	6	105	.4	36	9	486	3.05	7	5	ND	1	32	.3	2	2	77	.65	.042	12	31	.73	130	.13	8	2.19	.02	.05	1	2
B 35+00N 55+00E	1	43	7	92	.3	29	7	488	3.18	5	5	ND	1	31	.5	3	2	79	.56	.064	9	32	.79	117	.12	4	2.26	.02	.07	1	7
B 35+00N 55+50E	1	28	5	69	.1	21	6	399	2.62	3	5	ND	1	32	.2	2	2	71	.64	.045	8	26	.75	99	.13	3	1.80	.01	.06	1	4
B 35+00N 56+00E	1	45	8	81	.2	25	6	402	2.80	2	5	ND	1	29	.2	2	3	71	.54	.049	8	32	.83	108	.11	2	2.32	.01	.06	1	5
B 35+00N 56+50E	1	39	5	68	.2	21	5	307	2.32	2	5	ND	1	30	.2	2	2	62	.53	.037	8	28	.72	115	.10	6	2.29	.02	.05	1	1
B 35+00N 57+00E	1	31	4	97	.3	22	6	374	2.48	2	5	ND	1	27	.4	2	2	63	.53	.035	8	26	.73	103	.11	7	2.01	.01	.05	1	3
B 35+00N 57+50E	1	45	9	102	.3	29	8	487	3.36	5	5	ND	1	28	.2	2	2	75	.51	.062	9	33	.86	117	.10	3	2.32	.01	.06	1	7
B 35+00N 58+00E	1	35	4	122	.2	27	7	436	2.77	2	5	ND	1	25	.2	2	2	62	.47	.038	9	30	.75	100	.10	2	2.01	.01	.05	1	3
B 35+00N 58+50E	1	35	7	102	.2	23	8	454	2.97	4	5	ND	2	29	.4	2	2	69	.56	.066	8	29	.74	120	.10	2	1.77	.01	.06	1	1
B 35+00N 59+00E	1	37	5	136	.4	26	10	723	2.68	2	5	ND	1	48	.4	2	2	65	.83	.038	12	30	.78	155	.10	4	2.07	.01	.07	1	1
B 35+00N 59+50E	1	45	6	115	.5	26	10	603	2.85	2	5	ND	1	31	.4	2	2	71	.58	.052	12	34	.74	136	.10	4	2.24	.02	.07	2	1
B 35+00N 60+00E	1	31	6	77	.3	25	7	347	2.86	6	5	ND	2	27	.2	2	2	70	.46	.025	8	30	.67	88	.11	9	1.67	.02	.06	2	1
B 34+00N 59+50E	1	37	8	90	.3	31	8	441	3.38	2	5	ND	2	23	.2	2	2	76	.42	.093	6	35	.69	110	.11	2	2.07	.01	.06	1	1
B 34+00N 60+00E	1	26	9	112	.5	26	7	312	2.80	2	5	ND	1	22	.4	2	3	66	.40	.061	8	31	.57	100	.10	2	2.05	.01	.06	1	3
B 34+00N 60+50E	1	27	6	89	.3	26	6	333	3.03	6	5	ND	1	26	.3	2	2	69	.50	.083	7	29	.68	125	.11	4	1.97	.01	.05	1	3
B 34+00N 61+00E	1	35	5	89	.2	29	7	471	2.87	2	5	ND	2	29	.2	2	2	68	.54	.051	8	32	.74	134	.11	2	2.03	.01	.06	1	1
B 34+00N 61+50E	1	25	5	54	.3	22	6	320	2.22	2	5	ND	2	28	.2	2	2	56	.49	.039	9	28	.65	82	.11	3	1.40	.01	.04	2	2
B 33+00N 48+50E	1	43	7	109	.6	28	7	341	2.71	2	5	ND	1	32	.3	2	2	71	.57	.051	11	38	.79	191	.09	2	2.70	.02	.08	1	1
B 33+00N 49+00E	1	25	8	93	.3	22	8	363	2.90	2	5	ND	2	28	.5	2	2	74	.56	.088	7	29	.57	97	.12	6	1.84	.01	.06	1	1
B 33+00N 49+50E	1	33	4	128	.1	24	7	390	2.60	2	5	ND	1	28	.3	2	2	69	.54	.032	9	28	.75	112	.12	9	1.90	.02	.05	1	1
STANDARD C/AU-S	18	59	38	132	7.7	68	27	1031	4.01	36	24	7	37	47	19.0	16	21	59	.52	.096	38	55	.93	171	.07	34	1.92	.06	.13	11	46

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 33+00N 50+00E	1	34	9	108	.8	34	11	467	3.83	6	5	ND	2	45	.3	2	2	93	.98	.040	8	39	.81	171	.12	9	2.58	.02	.07	1	4
B 33+00N 50+50E	1	44	8	109	.6	30	10	570	3.31	2	5	ND	2	38	.2	2	2	82	.77	.038	10	37	.81	146	.13	6	2.23	.02	.07	1	1
B 33+00N 51+00E	1	60	9	107	.6	41	14	654	4.26	8	5	ND	3	43	.4	2	2	94	.88	.033	10	47	.89	175	.13	8	2.69	.02	.10	2	4
B 33+00N 51+50E	1	42	6	84	.4	32	11	540	3.34	7	5	ND	2	36	.2	2	2	79	.70	.056	8	36	.76	124	.13	7	1.96	.02	.09	1	4
B 33+00N 57+00E	4	53	9	231	1.9	26	12	1909	3.73	2	5	ND	1	36	1.2	2	2	90	.70	.070	22	38	.72	249	.10	5	2.96	.01	.07	1	1
B 33+00N 57+50E	1	17	8	75	.5	10	4	181	2.06	2	5	ND	1	20	.2	2	2	66	.44	.056	6	24	.37	87	.11	4	1.86	.01	.05	1	4
B 33+00N 58+00E	1	20	12	164	.3	15	9	834	4.32	2	5	ND	2	20	.6	2	2	97	.41	.271	6	31	.54	111	.11	5	2.41	.02	.08	1	1
B 33+00N 58+50E	1	20	9	112	.5	28	8	284	3.44	3	5	ND	2	18	.2	2	2	76	.33	.112	6	40	.57	111	.11	5	2.31	.01	.05	1	7
B 33+00N 59+00E	1	20	6	151	.4	26	7	331	3.28	5	5	ND	1	23	.4	2	2	73	.45	.112	7	36	.58	126	.11	4	1.97	.02	.07	1	2
B 33+00N 59+50E	1	36	5	67	.2	30	7	348	2.70	2	5	ND	2	31	.2	2	2	60	.55	.032	12	37	.67	113	.12	8	1.57	.02	.05	1	4
B 33+00N 60+00E	2	111	8	133	1.1	61	12	1186	4.24	7	8	ND	2	60	.6	2	2	82	1.31	.044	19	55	.84	253	.08	6	3.03	.02	.10	1	4
B 33+00N 61+00E	2	42	8	64	.3	34	7	385	2.74	4	5	ND	1	62	1.3	2	2	60	1.20	.026	9	37	.57	141	.07	2	1.69	.01	.03	1	3
B 33+00N 62+00E	1	22	3	61	.3	23	7	363	2.52	2	5	ND	2	34	.2	2	2	60	.66	.045	8	34	.67	77	.12	9	1.35	.02	.05	1	2
B 33+00N 62+50E	1	26	6	103	.2	26	8	477	2.84	2	5	ND	2	36	.2	2	2	66	.68	.027	8	38	.75	111	.13	6	1.57	.02	.06	1	1
B 33+00N 63+00E	1	36	6	121	.2	30	11	606	3.27	2	5	ND	1	43	.4	2	2	70	.87	.025	7	40	.77	141	.12	8	1.81	.02	.07	1	2
B 33+00N 64+00E	1	31	6	105	.2	27	7	384	2.72	2	5	ND	2	40	.2	2	2	71	.69	.051	10	36	.82	150	.11	8	2.03	.02	.06	1	2
B 32+00N 47+00E	1	45	11	109	.3	32	8	375	3.51	2	5	ND	2	25	.2	2	2	82	.46	.087	8	39	.80	142	.10	5	2.94	.01	.06	2	3
B 32+00N 47+50E	1	38	5	81	.3	26	6	274	2.47	2	5	ND	2	29	.2	2	3	67	.50	.038	9	33	.76	114	.12	4	2.12	.02	.05	1	1
B 32+00N 48+00E	1	37	7	106	.3	24	7	310	2.83	2	5	ND	1	34	.2	2	2	72	.56	.039	7	34	.73	136	.11	7	2.40	.02	.06	1	9
B 32+00N 48+50E	1	53	7	163	.5	35	12	973	3.62	2	5	ND	1	49	.7	2	2	89	.94	.043	7	45	.93	182	.09	5	2.98	.02	.07	1	3
B 32+00N 49+00E	1	82	10	211	.8	43	12	722	4.04	6	5	ND	1	67	.8	2	4	93	1.40	.068	11	50	.88	244	.08	8	3.24	.02	.09	1	1
B 32+00N 51+00E	1	37	9	241	.7	21	11	1245	3.29	2	5	ND	1	56	1.0	2	2	73	.88	.077	11	29	.56	224	.09	6	2.24	.01	.09	1	1
B 32+00N 51+50E	2	107	12	200	1.3	58	16	1341	4.92	8	5	ND	1	48	1.0	2	2	94	.86	.067	14	49	1.07	241	.08	3	3.20	.02	.10	2	4
B 32+00N 52+00E	1	63	8	242	.5	41	15	795	4.30	7	5	ND	2	31	.4	2	2	99	.71	.065	8	44	1.15	198	.11	6	3.22	.02	.08	1	2
B 32+00N 52+50E	3	128	18	422	1.5	85	26	2458	6.45	13	5	ND	2	50	1.9	4	2	114	.86	.108	15	56	.96	290	.07	6	4.76	.02	.10	2	3
B 32+00N 53+00E	1	42	9	213	.5	35	11	557	5.33	9	5	ND	2	24	.8	2	2	111	.47	.205	6	39	.86	145	.10	7	2.87	.02	.08	1	2
B 32+00N 53+50E	2	37	13	340	.5	31	14	1028	5.57	10	5	ND	2	23	1.2	2	2	100	.42	.254	7	40	.71	232	.10	7	2.73	.01	.09	1	2
B 32+00N 54+00E	2	41	10	257	.5	30	11	551	4.82	8	5	ND	2	23	.8	2	2	91	.50	.185	6	39	.75	159	.10	9	2.56	.01	.12	1	1
B 32+00N 55+50E	1	19	5	118	.3	18	7	606	2.88	2	5	ND	1	31	.5	2	3	76	.66	.052	6	30	.51	164	.11	11	1.69	.02	.09	1	4
B 32+00N 56+00E	3	280	18	247	2.8	111	23	2114	7.54	22	5	ND	2	61	1.9	3	2	133	1.06	.074	34	85	1.66	418	.06	3	6.14	.02	.19	3	5
B 32+00N 57+50E	1	37	12	319	.4	24	13	765	5.45	10	5	ND	2	28	1.1	2	2	104	.57	.211	7	35	.74	152	.11	3	2.79	.01	.09	1	1
B 32+00N 58+00E	1	39	12	228	.6	30	12	771	4.82	6	5	ND	1	29	.9	2	3	96	.66	.285	6	38	.80	190	.10	6	2.69	.01	.10	1	1
B 32+00N 58+50E	1	23	10	488	.6	24	12	644	5.06	7	5	ND	2	28	1.1	2	2	102	.48	.323	6	41	.70	199	.11	9	2.97	.02	.09	1	3
B 32+00N 59+00E	1	33	8	279	.7	29	12	771	4.81	2	5	ND	3	28	.9	2	2	96	.55	.188	8	37	.75	142	.11	10	2.40	.02	.10	1	1
B 32+00N 59+50E	2	71	8	91	.4	45	12	688	4.23	12	5	ND	3	43	.3	2	2	88	.74	.030	17	53	.81	138	.13	9	2.10	.02	.07	1	3
B 32+00N 60+50E	3	70	9	123	.8	46	12	1105	4.30	11	5	ND	1	58	.8	2	3	84	1.05	.071	10	50	.85	211	.08	4	2.65	.01	.10	1	5
STANDARD C/AU-S	17	57	37	132	7.2	67	28	943	4.03	39	20	6	36	47	18.9	15	22	59	.52	.095	37	57	.93	178	.08	34	1.95	.06	.14	13	49

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 32+00N 61+00E	2	48	6	98	.6	38	10	1164	3.33	7	7	ND	1	76	.7	2	2	70	1.20	.036	10	40	.79	173	.10	4	1.89	.03	.08	1	14
B 32+00N 61+50E	6	119	7	142	1.1	47	12	2365	3.69	9	11	ND	1	167	1.5	2	2	79	1.85	.069	11	43	.86	231	.07	3	2.40	.02	.08	1	3
B 32+00N 62+00E	2	23	7	79	.5	28	8	359	2.83	2	5	ND	2	46	.2	2	2	63	.54	.022	12	41	.58	155	.10	4	1.82	.03	.04	1	1
B 32+00N 62+50E	1	32	5	104	.4	36	8	264	3.31	5	5	ND	2	30	.3	2	2	69	.44	.046	9	44	.72	149	.10	9	2.28	.02	.06	1	4
B 32+00N 63+00E	1	22	2	59	.2	23	6	330	2.46	3	5	ND	2	37	.2	2	2	64	.64	.055	8	33	.79	89	.14	4	1.60	.03	.06	1	1
B 32+00N 63+50E	1	26	3	78	.2	25	6	308	2.48	2	5	ND	1	39	.2	2	2	67	.60	.036	8	32	.80	103	.14	4	1.82	.02	.05	1	2
B 32+00N 64+00E	1	30	5	85	.5	25	7	366	2.55	2	5	ND	1	40	.2	2	2	67	.65	.053	9	35	.80	118	.13	4	1.92	.02	.05	1	85
B 31+00N 47+00E	1	36	6	87	.4	23	6	391	2.78	2	5	ND	2	28	.3	2	2	72	.55	.042	8	32	.87	122	.14	3	2.23	.02	.06	1	3
B 31+00N 47+50E	1	110	7	121	1.0	34	10	871	3.69	8	5	ND	1	65	.3	3	2	78	1.18	.034	10	30	1.13	189	.06	3	3.71	.02	.07	1	14
B 31+00N 48+50E	3	88	9	210	1.5	55	12	864	4.34	10	5	ND	1	53	.9	3	2	92	.80	.049	16	52	.91	238	.10	2	3.07	.02	.10	1	2
B 31+00N 49+00E	2	55	4	181	.8	30	11	884	3.42	2	5	ND	2	37	.5	2	2	84	.64	.051	12	40	.79	212	.11	2	2.50	.02	.09	1	1
B 31+00N 49+50E	1	57	3	162	1.0	36	11	741	3.54	2	5	ND	2	40	.8	2	2	83	.74	.035	10	40	.92	169	.11	2	2.34	.02	.09	1	1
B 31+00N 50+00E	2	64	4	119	1.2	37	10	632	3.61	3	5	ND	1	64	.8	2	2	78	1.31	.042	10	39	.87	159	.10	4	2.19	.02	.07	1	5
B 31+00N 50+50E	1	68	15	254	1.1	47	22	975	5.04	2	5	ND	1	31	.6	3	2	104	.52	.131	11	48	.91	219	.09	7	3.99	.02	.10	1	1
B 31+00N 51+50E	1	29	4	117	.5	23	9	727	3.03	2	5	ND	1	33	.5	2	2	68	.61	.079	7	29	.65	166	.12	9	1.77	.02	.09	1	1
B 31+00N 52+00E	1	25	5	122	.6	22	9	474	3.59	3	5	ND	2	31	.3	2	2	87	.57	.041	6	32	.63	170	.12	3	2.00	.02	.09	1	1
B 31+00N 52+50E	2	24	10	196	.5	15	11	916	3.88	4	5	ND	1	39	1.6	2	3	84	.74	.175	9	31	.40	190	.07	4	1.90	.02	.14	1	1
B 31+00N 53+00E	1	30	8	260	.9	21	15	1751	3.80	2	5	ND	1	34	1.2	2	2	80	.57	.118	9	29	.53	238	.07	3	1.89	.02	.13	1	5
B 31+00N 53+50E	1	47	5	87	.2	30	9	522	3.39	2	5	ND	1	28	.3	2	2	73	.51	.066	7	34	.82	104	.11	4	2.00	.02	.07	1	3
B 31+00N 54+00E	2	34	10	352	.8	25	13	702	4.70	7	5	ND	1	31	1.5	2	2	101	.61	.205	6	37	.83	205	.10	3	2.61	.02	.13	1	1
B 31+00N 54+50E	1	54	11	180	.5	34	14	733	5.32	13	5	ND	1	25	.8	2	2	99	.48	.252	6	39	.81	166	.09	2	2.71	.01	.11	1	5
B 31+00N 55+00E	1	30	8	251	.8	21	15	978	5.06	6	5	ND	2	33	1.5	2	2	103	.70	.275	7	35	.70	228	.10	3	2.50	.02	.15	1	2
B 31+00N 55+50E	1	28	7	182	.4	24	11	554	3.87	2	5	ND	1	31	.7	2	2	88	.68	.174	6	34	.63	135	.11	7	2.06	.02	.12	1	1
B 31+00N 56+00E	1	20	7	152	.4	19	10	594	3.56	2	5	ND	2	24	.7	2	2	86	.55	.175	7	32	.51	137	.12	3	2.02	.02	.09	1	2
B 31+00N 56+50E	1	11	7	212	.5	15	8	510	3.09	2	5	ND	2	26	1.3	2	2	77	.57	.122	7	30	.43	191	.11	2	1.72	.02	.07	1	2
B 31+00N 57+00E	1	35	4	123	.4	21	9	522	3.58	4	5	ND	1	39	.8	2	2	87	.64	.044	7	34	.52	115	.11	2	1.92	.02	.07	1	1
B 31+00N 57+50E	1	32	13	342	.9	24	17	2410	4.57	12	5	ND	1	29	2.1	2	2	104	.61	.209	7	35	.70	284	.11	2	2.66	.01	.09	1	3
B 31+00N 58+00E	1	264	15	229	3.0	103	21	1323	6.36	18	5	ND	2	56	1.6	3	2	119	1.02	.069	47	79	1.28	393	.07	2	5.58	.02	.17	3	2
B 31+00N 58+50E	1	65	10	162	.6	43	12	952	3.90	3	5	ND	1	33	.7	2	2	85	.57	.059	13	48	.90	202	.09	2	2.63	.02	.11	1	1
B 30+00N 47+00E	1	40	2	119	.4	31	8	385	2.71	2	5	ND	2	46	.4	2	2	70	.75	.049	12	39	.70	155	.12	5	2.08	.03	.07	1	2
B 30+00N 47+50E	1	65	6	156	.4	37	11	572	3.79	2	5	ND	2	52	.8	2	2	95	1.03	.044	10	45	.97	187	.14	5	2.54	.03	.09	1	1
B 30+00N 48+00E	1	72	10	141	.6	38	10	539	3.67	2	5	ND	2	42	.5	2	2	90	.78	.031	11	42	.91	175	.13	7	2.56	.02	.08	2	1
B 30+00N 48+50E	1	43	5	82	.4	31	8	372	3.03	2	5	ND	2	36	.3	2	2	78	.63	.022	12	36	.71	124	.14	4	2.00	.02	.07	1	2
B 30+00N 49+00E	1	51	5	101	.3	31	11	615	3.54	2	5	ND	2	38	.4	2	2	91	.74	.045	10	36	.89	140	.14	5	2.17	.02	.08	1	3
B 30+00N 49+50E	1	18	7	162	.4	18	11	533	3.04	2	5	ND	2	27	1.4	2	2	78	.57	.108	8	28	.45	125	.13	7	1.76	.02	.09	1	1
B 30+00N 50+00E	1	37	3	140	.2	29	8	424	3.56	2	5	ND	2	27	1.1	2	2	86	.57	.086	7	35	.78	110	.13	6	2.25	.02	.08	1	6
STANDARD C/AU-S	17	58	37	132	7.3	67	28	944	4.04	39	22	7	37	47	18.6	16	21	59	.51	.095	38	56	.93	180	.07	33	1.95	.06	.13	11	45

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 30+00N 50+50E	1	25	8	214	.3	25	10	587	4.13	7	5	ND	2	32	.6	2	2	101	.67	.090	7	33	.81	146	.16	2	2.31	.03	.08	1	6
B 30+00N 51+00E	1	61	8	100	.1	41	14	650	3.99	7	5	ND	2	43	.3	2	2	88	.81	.053	8	43	.87	138	.13	2	2.40	.04	.10	1	12
B 30+00N 51+50E	1	43	7	158	.2	28	9	471	4.74	3	5	ND	2	27	.3	2	2	101	.49	.080	6	37	.79	102	.12	2	2.51	.03	.08	2	11
B 30+00N 52+00E	1	67	13	238	.6	29	16	878	5.50	12	5	ND	2	24	.6	2	2	109	.53	.115	8	36	.78	143	.08	2	3.24	.02	.09	1	7
B 30+00N 52+50E	1	52	10	109	.4	35	12	699	4.07	7	5	ND	2	28	.3	3	2	87	.52	.067	6	37	.91	103	.11	4	2.44	.03	.11	1	6
B 30+00N 53+00E	1	23	6	123	.3	18	8	459	3.10	2	5	ND	2	30	.7	2	2	74	.60	.149	7	28	.45	77	.13	2	1.52	.03	.11	1	1
B 30+00N 53+50E	1	15	6	105	.4	11	8	825	2.02	2	5	ND	1	36	.7	2	2	59	.67	.046	7	22	.30	164	.11	2	1.14	.03	.10	1	1
B 30+00N 54+00E	1	43	7	88	.1	28	9	477	3.29	2	5	ND	2	29	.2	2	2	74	.55	.093	7	33	.72	112	.12	2	1.86	.04	.09	1	8
B 30+00N 54+50E	1	27	6	193	.6	21	9	548	3.53	2	5	ND	1	29	.6	2	2	81	.59	.133	7	32	.53	132	.11	6	1.98	.03	.10	1	10
B 30+00N 55+00E	1	30	5	125	.1	26	9	594	3.09	2	5	ND	2	33	.3	2	2	73	.62	.097	7	31	.66	121	.11	2	1.75	.03	.10	1	4
B 30+00N 55+50E	1	35	2	90	.1	25	6	350	3.32	18	5	ND	1	32	.2	2	2	79	.62	.092	7	32	.72	124	.11	8	1.91	.03	.08	1	1
B 30+00N 56+00E	1	34	8	105	.4	23	9	733	3.21	4	5	ND	1	34	.5	2	2	76	.60	.058	6	32	.55	211	.10	2	1.65	.02	.08	1	7
B 30+00N 56+50E	1	38	7	76	.5	27	7	315	3.30	10	5	ND	1	30	.2	2	2	81	.58	.043	6	34	.67	94	.11	2	1.88	.02	.09	1	2
B 30+00N 62+50E	1	24	7	104	.1	22	6	274	3.16	4	5	ND	2	31	.2	2	2	74	.54	.121	6	33	.64	99	.12	2	1.89	.03	.06	1	3
B 30+00N 63+00E	1	42	4	75	.1	24	7	362	2.67	2	5	ND	2	46	.2	2	2	67	.74	.018	8	36	.78	115	.15	2	1.78	.04	.07	1	1
B 30+00N 63+50E	1	32	6	70	.2	28	7	404	2.84	2	5	ND	2	46	.2	2	2	74	.80	.039	8	36	.85	125	.14	6	2.08	.04	.07	1	5
B 30+00N 64+00E	1	32	9	83	.1	28	7	419	2.85	2	5	ND	2	35	.2	2	2	72	.61	.036	7	37	.77	114	.12	4	1.90	.04	.07	1	4
B 29+00N 47+00E	1	61	10	130	.7	34	8	387	3.73	2	5	ND	1	33	.2	2	2	92	.57	.042	10	44	.81	159	.10	4	3.06	.03	.08	2	4
B 29+00N 47+50E	2	68	11	209	.6	42	10	814	3.91	2	5	ND	2	39	.5	2	2	91	.77	.044	9	46	.87	184	.09	4	2.92	.03	.08	1	3
B 29+00N 48+00E	1	51	6	136	.1	36	10	571	3.98	6	5	ND	2	47	.2	3	2	91	.86	.053	10	40	1.08	174	.14	2	2.35	.05	.10	1	1
B 29+00N 48+50E	1	19	5	141	.2	17	6	550	2.61	2	5	ND	2	30	.4	2	2	70	.58	.059	8	27	.62	139	.11	5	1.87	.03	.08	1	2
B 29+00N 49+00E	1	39	7	121	.4	19	7	601	2.59	6	5	ND	1	28	.4	2	2	70	.51	.069	11	28	.49	123	.11	2	2.12	.03	.06	1	3
B 29+00N 49+50E	1	33	7	92	.1	25	7	481	3.04	6	5	ND	2	30	.2	2	2	73	.55	.054	7	30	.82	112	.12	5	1.94	.03	.07	1	1
B 29+00N 50+00E	1	31	5	140	.1	25	8	486	3.32	2	5	ND	1	29	.3	2	2	82	.52	.078	7	31	.69	135	.10	2	1.88	.03	.08	1	1
B 29+00N 50+50E	1	33	7	107	.3	33	10	451	3.48	3	5	ND	2	31	.5	2	2	83	.55	.038	7	41	.71	137	.12	2	1.94	.03	.09	1	1
B 29+00N 51+00E	1	122	21	400	.6	47	24	1460	7.32	14	5	ND	3	61	1.3	3	2	148	.67	.277	8	48	1.14	209	.08	8	4.76	.02	.17	2	8
B 29+00N 51+50E	1	56	11	313	.5	31	16	1645	5.25	9	5	ND	2	32	1.3	4	2	120	.60	.208	7	41	.59	100	.11	4	3.33	.02	.07	1	1
B 29+00N 52+00E	1	24	8	120	.1	22	7	283	3.68	5	5	ND	2	25	.2	2	2	92	.43	.069	7	35	.54	82	.11	2	2.12	.02	.06	1	4
B 29+00N 52+50E	1	36	9	157	.5	30	10	935	3.41	2	5	ND	2	33	.2	2	2	83	.54	.045	8	36	.68	152	.10	2	2.50	.03	.08	2	1
B 29+00N 53+00E	1	24	8	115	.1	23	8	368	3.05	5	5	ND	2	27	.2	2	2	72	.51	.077	8	33	.58	97	.11	2	1.78	.03	.07	1	2
B 29+00N 53+50E	1	30	8	143	.3	29	9	381	3.48	2	5	ND	2	29	.2	2	2	80	.55	.092	7	37	.65	141	.11	8	2.38	.03	.08	2	1
B 29+00N 54+00E	1	50	11	108	.1	35	11	750	3.77	4	5	ND	2	35	.2	2	2	84	.64	.076	7	37	.93	172	.13	6	2.30	.04	.10	1	5
B 29+00N 55+00E	1	24	8	117	.2	23	8	413	3.30	3	5	ND	2	30	.2	2	2	78	.56	.100	8	33	.62	129	.12	3	2.08	.03	.10	1	2
B 29+00N 55+50E	1	28	8	68	.3	20	5	318	2.40	3	5	ND	2	26	.2	2	2	64	.46	.026	8	29	.67	109	.10	2	2.00	.02	.06	1	6
B 29+00N 56+00E	1	36	5	82	.2	26	6	374	3.17	4	5	ND	2	32	.2	2	2	75	.52	.035	8	33	.78	125	.11	6	2.23	.03	.07	1	6
B 29+00N 56+50E	1	35	7	84	.3	25	6	355	2.84	2	5	ND	2	34	.2	2	2	72	.56	.029	8	33	.79	125	.11	2	2.28	.03	.06	2	2
B 29+00N 57+00E	1	43	7	106	.2	28	8	472	3.30	2	5	ND	2	35	.2	2	3	79	.56	.037	9	37	.79	145	.10	3	2.65	.03	.07	1	5
STANDARD C/AU-S	18	61	39	132	7.3	67	27	1019	4.08	37	18	7	36	47	18.3	15	20	59	.53	.096	37	57	.96	175	.07	32	1.99	.06	.14	11	49

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 29+00N 57+50E	1	35	3	83	.2	26	7	385	3.24	6	5	ND	1	32	.2	2	2	74	.53	.036	7	35	.75	98	.11	2	1.99	.01	.06	1	6
B 29+00N 58+00E	1	37	5	77	.2	26	7	392	2.90	5	5	ND	2	37	.2	2	2	70	.61	.050	8	31	.78	105	.13	9	1.88	.02	.06	1	5
B 29+00N 58+50E	2	42	10	189	.5	29	12	969	5.38	14	5	ND	2	43	.8	3	2	93	.75	.332	8	37	.81	262	.07	2	2.58	.01	.10	1	2
B 29+00N 59+00E	1	16	6	118	.3	12	7	672	2.44	2	5	ND	1	30	.8	2	2	69	.59	.074	6	23	.29	156	.12	3	1.22	.01	.08	1	4
B 29+00N 59+50E	1	10	8	282	.2	11	8	615	2.92	2	5	ND	1	28	1.1	2	2	70	.55	.119	7	26	.36	169	.11	2	1.68	.01	.08	1	5
B 29+00N 60+00E	3	30	11	312	.5	27	14	1130	4.44	14	5	ND	1	31	1.0	2	2	100	.55	.126	6	37	.84	238	.09	5	2.50	.01	.09	1	4
B 29+00N 60+50E	1	12	9	236	.2	14	9	571	2.95	2	5	ND	1	28	1.3	2	2	71	.51	.093	7	27	.45	137	.10	2	1.79	.01	.07	1	4
B 29+00N 61+50E	1	21	4	91	.1	22	6	334	2.79	4	5	ND	1	36	.2	2	2	70	.58	.059	8	32	.81	89	.13	7	1.81	.02	.05	1	4
B 29+00N 62+00E	1	18	7	111	.2	19	7	375	2.64	6	5	ND	2	29	.2	2	2	67	.48	.032	7	32	.59	104	.10	8	1.79	.02	.06	1	5
B 29+00N 62+50E	1	24	4	84	.2	21	8	365	2.56	4	5	ND	1	35	.2	2	2	66	.61	.032	7	30	.68	109	.11	2	1.65	.02	.05	1	4
B 29+00N 63+00E	1	58	7	86	.2	41	11	521	4.04	9	5	ND	3	52	.2	3	2	85	.75	.035	10	49	.99	165	.13	6	2.34	.02	.09	1	6
B 28+00N 64+00E	1	41	11	208	.5	31	13	399	5.46	10	5	ND	1	38	.7	3	2	113	.66	.172	6	41	.75	140	.11	2	2.83	.01	.08	1	4
B 28+00N 65+50E	1	30	6	180	.3	25	10	481	4.22	7	5	ND	1	32	.5	2	2	88	.53	.196	6	35	.71	132	.11	4	2.25	.01	.08	1	4
B 28+00N 66+00E	1	32	8	99	.1	28	9	388	3.23	8	5	ND	2	28	.2	3	2	73	.50	.131	7	37	.62	101	.10	7	2.03	.02	.07	1	2
B 28+00N 66+50E	1	26	2	108	.2	26	7	290	2.65	9	5	ND	1	26	.2	2	2	62	.45	.044	8	32	.68	111	.10	2	1.84	.01	.05	1	5
B 28+00N 67+00E	1	16	4	84	.3	20	5	261	2.21	4	5	ND	2	26	.2	3	2	57	.49	.043	8	28	.64	95	.11	2	1.68	.01	.05	1	5
B 28+00N 67+50E	1	30	5	69	.1	29	8	321	2.83	5	5	ND	2	36	.2	2	2	60	.57	.070	11	42	.72	97	.12	13	1.55	.02	.05	1	6
B 28+00N 68+00E	1	32	11	117	.4	29	10	404	2.97	10	5	ND	2	36	.3	2	2	65	.56	.037	12	42	.65	147	.08	2	1.74	.01	.05	1	4
B 28+00N 68+50E	1	28	8	82	.2	32	8	433	2.97	8	5	ND	2	38	.2	2	2	62	.65	.074	10	40	.79	107	.11	2	1.60	.02	.06	1	7
B 27+00N 47+00E	1	43	6	117	.3	30	8	364	3.20	6	5	ND	1	33	.3	2	2	83	.65	.056	8	32	.94	159	.13	7	2.41	.02	.05	2	6
B 27+00N 47+50E	1	22	4	93	.3	22	6	427	2.41	9	5	ND	1	32	.2	2	2	64	.64	.035	7	30	.77	130	.11	5	1.84	.01	.05	1	10
B 27+00N 48+00E	1	21	8	88	.3	20	6	311	2.17	3	5	ND	1	26	.2	2	2	53	.48	.033	9	27	.59	120	.09	2	1.65	.01	.05	1	4
B 27+00N 48+50E	1	24	5	84	.3	23	6	313	2.39	3	5	ND	2	27	.2	2	2	58	.51	.043	9	28	.70	104	.12	6	1.71	.02	.04	1	5
B 27+00N 49+00E	1	72	10	132	.8	48	10	590	3.85	6	5	ND	2	48	.8	2	2	77	.88	.063	13	46	.90	217	.09	3	2.55	.02	.08	1	8
B 27+00N 50+00E	1	76	6	128	.8	44	8	417	3.24	9	5	ND	2	66	1.2	3	2	66	1.04	.057	18	42	.77	187	.10	4	2.28	.02	.08	1	4
B 27+00N 50+50E	1	36	8	102	.4	28	6	354	2.70	2	5	ND	2	30	.2	3	2	64	.55	.065	10	35	.75	136	.10	3	2.15	.02	.06	2	8
B 27+00N 51+00E	1	36	3	89	.2	27	6	330	3.03	4	5	ND	2	25	.2	2	2	70	.49	.050	7	31	.71	110	.11	4	1.91	.01	.05	1	8
B 27+00N 51+50E	1	25	9	158	.2	23	8	371	3.77	6	5	ND	2	20	.3	2	2	82	.41	.138	6	34	.50	117	.10	2	2.45	.01	.05	1	3
B 27+00N 52+00E	1	21	6	124	.2	23	7	283	3.43	2	5	ND	1	31	.6	2	2	76	.54	.098	5	31	.50	93	.09	2	2.05	.01	.07	2	5
B 27+00N 52+50E	1	32	8	154	.3	33	9	365	3.81	5	5	ND	2	24	.4	2	2	80	.45	.087	6	37	.65	143	.09	2	2.33	.01	.06	1	2
B 27+00N 53+00E	1	19	5	116	.5	20	8	478	2.97	2	5	ND	1	24	.2	2	2	73	.48	.081	6	29	.49	110	.10	2	1.97	.01	.06	1	8
B 27+00N 53+50E	1	34	9	91	.2	29	8	598	3.25	2	5	ND	1	31	.3	2	2	73	.58	.065	6	30	.76	119	.11	4	1.95	.01	.06	1	7
B 27+00N 54+00E	1	36	5	97	.3	24	10	636	3.02	2	5	ND	2	32	.4	3	2	72	.58	.046	9	31	.68	121	.11	2	1.86	.01	.05	1	2
B 27+00N 54+50E	1	50	7	84	.3	27	8	467	3.11	8	5	ND	2	37	.3	2	2	75	.65	.037	10	32	.82	132	.11	2	2.18	.02	.05	1	6
B 27+00N 55+00E	1	34	6	106	.2	23	8	380	3.10	3	5	ND	1	32	.2	2	3	73	.53	.058	7	31	.69	103	.12	5	2.03	.01	.07	1	5
B 27+00N 55+50E	1	28	6	118	.3	24	8	329	3.54	2	5	ND	2	34	.2	2	2	83	.51	.078	6	31	.66	125	.13	5	2.37	.01	.05	1	6
STANDARD C/AU-S	18	58	36	132	7.3	64	27	936	4.01	40	22	7	36	48	18.1	15	19	57	.51	.093	37	56	.92	175	.07	33	1.92	.06	.14	11	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 27+00N 56+00E	1	50	13	111	.3	26	8	426	3.22	13	5	ND	1	49	.9	5	2	88	.58	.046	8	39	.76	118	.14	2	2.40	.02	.05	1	1
B 27+00N 56+50E	1	25	6	119	.2	16	8	841	2.32	3	5	ND	1	51	.6	2	4	68	.65	.060	7	27	.57	132	.14	2	1.65	.01	.08	1	5
B 27+00N 57+00E	1	61	13	99	.5	35	10	497	3.42	8	5	ND	1	49	1.4	5	2	85	.62	.067	8	38	.83	105	.14	2	2.28	.02	.06	1	2
B 27+00N 57+50E	1	57	9	103	.3	30	11	649	3.38	9	5	ND	1	56	1.0	3	2	85	.63	.043	10	48	.80	134	.13	2	2.20	.02	.07	1	2
B 27+00N 58+00E	1	36	5	92	.3	23	6	306	2.71	6	5	ND	1	34	1.0	4	2	66	.40	.043	7	32	.61	101	.13	2	1.59	.02	.06	4	1
B 27+00N 58+50E	1	59	11	78	.2	26	11	561	3.76	8	5	ND	1	60	1.2	6	2	85	.62	.043	7	38	.82	119	.16	4	1.99	.03	.11	1	2
B 27+00N 59+00E	1	31	6	98	.2	26	7	348	2.77	9	5	ND	1	33	.7	2	2	74	.50	.046	7	36	.62	95	.13	2	1.84	.02	.06	1	7
B 27+00N 59+50E	1	36	12	120	.2	26	10	943	2.49	7	5	ND	1	37	.8	3	4	72	.58	.074	8	33	.49	206	.10	2	1.92	.01	.09	1	1
B 27+00N 60+50E	1	27	12	82	.1	28	6	350	2.44	10	5	ND	1	40	.4	2	2	68	.59	.043	8	34	.73	99	.15	2	1.75	.02	.05	1	4
B 27+00N 65+00E	2	37	18	259	.5	31	14	821	4.89	15	5	ND	1	33	1.9	6	10	112	.51	.151	7	43	.71	190	.15	2	2.86	.01	.08	3	3
B 27+00N 65+50E	1	25	4	57	.2	27	8	340	2.32	9	5	ND	1	34	.4	2	2	60	.43	.032	9	37	.59	110	.11	2	1.40	.02	.04	1	3
B 27+00N 66+00E	1	41	8	107	.3	35	10	457	3.07	14	5	ND	1	48	.9	5	5	75	.68	.053	8	44	.64	154	.11	2	1.90	.02	.06	1	3
B 27+00N 66+50E	1	22	5	85	.1	26	6	274	2.31	9	5	ND	1	31	.4	3	2	58	.43	.062	10	42	.63	91	.11	2	1.61	.02	.04	1	1
B 27+00N 67+00E	1	24	10	75	.1	27	7	336	2.26	9	5	ND	1	37	.2	2	2	57	.48	.041	10	39	.64	123	.10	2	1.52	.02	.05	1	1
B 27+00N 67+50E	1	57	15	105	.7	47	10	541	3.04	13	5	ND	1	72	1.9	4	2	66	1.25	.082	13	49	.68	229	.07	2	2.37	.02	.07	1	1
B 27+00N 68+00E	1	46	8	92	.3	35	8	486	2.75	11	5	ND	1	43	.3	3	2	69	.68	.067	12	37	.67	123	.11	7	1.73	.02	.06	1	2
B 27+00N 69+00E	1	35	16	136	.3	46	11	348	3.56	15	5	ND	1	28	1.4	4	2	78	.41	.099	7	41	.67	136	.11	2	2.45	.02	.05	1	1
STANDARD C/AU-S	19	59	42	135	7.7	69	29	1027	3.90	38	19	7	37	53	18.6	18	22	58	.51	.098	36	56	.85	183	.08	34	1.90	.07	.14	13	49

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Rio Algom Exploration Inc. PROJECT BIO File # 90-3068 Page 1

P.O. Box 10335, 1650 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: NORTHWEST GEOLOGICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 78+00N 111+50E A	1	78	15	107	.1	80	24	1401	3.94	10	5	ND	1	73	.7	2	2	69	1.79	.082	9	52	1.01	192	.12	5	1.97	.03	.10	1	5
B 78+00N 111+50E B	1	90	11	111	.1	64	20	1125	4.25	11	5	ND	3	57	.3	2	2	74	.75	.081	16	57	.90	182	.12	5	2.07	.03	.11	1	6
B 78+00N 111+50E C	1	49	7	60	.1	35	8	358	2.66	6	5	ND	1	35	.2	2	2	56	.45	.072	7	40	.79	96	.12	5	1.81	.02	.06	1	7
B 76+00N 113+50E A	1	113	15	98	.1	51	15	734	4.05	12	5	ND	1	58	.5	2	2	79	.70	.091	12	53	.89	185	.14	6	2.04	.02	.08	1	8
B 76+00N 113+50E B	1	107	11	97	.1	48	16	805	3.90	13	5	ND	1	56	.2	2	2	76	.66	.089	12	51	.87	170	.15	5	1.98	.03	.08	1	8
B 76+00N 113+50E C	1	39	7	72	.2	26	7	299	2.23	3	5	ND	1	34	.2	2	2	51	.46	.052	8	35	.79	82	.13	4	1.75	.02	.04	1	5
B 76+00N 113+50E D	1	30	9	61	.5	22	6	274	1.93	5	5	ND	1	31	.2	2	2	47	.40	.044	7	31	.72	79	.11	4	1.61	.01	.04	1	4
B 75+00N 92+50E A	1	49	6	62	.1	39	12	654	2.66	7	5	ND	1	48	.2	2	2	50	.66	.083	9	35	.74	101	.12	4	1.10	.02	.05	1	3
B 75+00N 92+50E B	1	74	5	55	.1	34	12	513	3.23	9	5	ND	1	32	.2	2	3	71	.46	.066	5	46	.79	105	.13	5	1.62	.01	.05	1	4
B 75+00N 92+50E C	1	36	11	205	.5	38	13	529	3.65	8	5	ND	1	27	.3	2	2	64	.37	.333	6	41	.65	130	.09	3	2.23	.01	.06	1	4
B 75+00N 119+50E A	1	118	10	92	.1	45	17	911	3.99	16	5	ND	1	59	.4	2	2	79	.69	.099	11	49	.90	143	.16	4	2.00	.02	.07	1	7
B 75+00N 119+50E B	1	94	13	144	1.3	57	19	623	5.33	17	5	ND	1	34	.6	2	2	95	.41	.277	7	56	.79	201	.10	4	3.88	.01	.07	2	3
B 74+80N 92+50E A	1	54	7	63	.1	36	12	624	2.92	8	5	ND	1	45	.2	2	2	58	.57	.084	10	42	.70	115	.13	5	1.38	.02	.04	1	4
B 74+00N 114+00E A	1	92	10	95	.2	45	16	834	3.74	12	5	ND	1	51	.2	2	2	74	.68	.085	8	47	.90	125	.14	6	1.96	.02	.07	1	3
B 74+00N 114+00E B	1	60	7	58	.1	33	9	386	2.71	7	5	ND	1	40	.2	2	2	56	.51	.077	8	40	.81	96	.15	5	1.68	.02	.05	1	2
B 74+00N 114+00E C	1	101	5	96	.1	44	18	886	3.95	14	5	ND	2	51	.4	2	2	75	.74	.093	7	44	.89	113	.14	6	1.75	.02	.07	1	22
B 74+00N 114+00E D	1	130	9	122	1.8	47	14	547	4.06	10	5	ND	2	28	.5	2	5	67	.30	.234	10	59	.68	169	.09	4	3.95	.02	.07	2	7
B 74+00N 117+00E A	2	111	9	99	.2	44	19	1025	4.07	15	5	ND	2	54	.3	2	4	77	.81	.108	9	41	.91	96	.14	4	1.69	.03	.08	1	2
B 74+00N 117+00E B	1	124	8	92	.1	47	17	1071	4.26	15	5	ND	1	51	.3	2	2	84	.70	.103	10	45	.91	122	.15	4	1.96	.02	.07	1	7
B 73+00N 93+50E BF	1	46	8	255	.4	43	14	662	4.00	6	5	ND	3	23	.3	2	2	69	.30	.209	8	50	.72	147	.09	2	2.97	.01	.06	1	38
B 73+00N 94+00E A	1	113	7	81	.2	38	16	818	4.09	13	5	ND	1	49	.3	2	3	84	.79	.106	8	45	1.11	103	.18	6	2.12	.04	.10	1	5
B 73+00N 94+00E B	1	44	10	165	.3	34	13	550	4.42	14	5	ND	1	23	.2	2	5	84	.32	.240	6	56	.71	113	.11	4	2.77	.01	.03	1	440
B 61+00N 72+00E A	13	245	12	624	.1	123	63	3014	5.57	45	7	ND	3	40	4.9	2	2	154	.39	.100	36	120	1.29	417	.04	3	2.82	.01	.30	1	9
B 61+00N 72+00E B	7	105	8	214	.6	51	19	744	3.63	26	5	ND	2	29	2.2	2	2	64	.29	.078	16	36	.71	118	.07	4	1.54	.01	.07	1	9
B 61+00N 72+00E C	3	88	9	240	.6	30	11	340	3.70	19	5	ND	3	30	1.6	2	3	60	.45	.227	13	25	.54	143	.04	3	1.73	.01	.06	1	69
B 61+00N 72+00E D	5	84	9	212	.4	30	12	679	3.45	20	5	ND	2	19	1.5	2	5	64	.24	.146	16	22	.65	93	.03	3	1.75	.01	.07	1	20
B 61+00N 72+50E A	39	456	62	1530	.6	186	111	6855	11.15	431	10	ND	5	42	70.0	4	2	60	.14	.173	39	33	.22	142	.03	2	1.11	.01	.07	1	54
B 61+00N 72+50E B	7	64	22	74	1.3	16	3	130	7.16	32	5	ND	3	27	.5	6	5	33	.02	.061	8	23	.19	142	.01	4	.48	.02	.34	1	23
B 61+00N 72+50E C	42	251	72	479	.4	79	16	626	6.17	147	5	ND	4	67	7.7	2	3	59	.13	.125	20	26	.24	104	.03	2	.97	.01	.09	1	30
B 61+00N 72+50E D	55	121	27	348	1.4	73	15	386	7.11	62	5	ND	4	73	3.3	3	2	94	.19	.164	26	39	.42	209	.05	2	1.03	.02	.21	1	13
B 61+00N 72+50E E	4	69	8	174	.6	28	10	259	3.52	14	5	ND	1	30	2.9	2	5	56	.44	.199	10	29	.55	97	.07	3	1.51	.01	.06	1	38
B 61+00N 72+50E F	5	53	10	145	.6	21	7	263	3.09	13	5	ND	1	27	2.2	2	2	52	.35	.175	10	25	.43	94	.05	3	1.20	.01	.06	1	35
B 60+00N 71+00E A	1	82	11	120	.3	70	23	1295	4.33	13	5	ND	2	61	.5	2	5	75	.79	.079	9	51	1.00	222	.12	4	2.12	.04	.12	1	6
B 60+00N 71+00E B	2	144	9	116	.3	54	18	899	4.72	14	5	ND	2	53	.4	3	7	83	.73	.104	13	48	.88	243	.09	4	2.03	.02	.08	1	15
B 60+00N 71+00E C	2	90	3	74	.2	28	11	425	3.37	14	5	ND	2	32	.2	4	3	60	.45	.103	11	30	.65	88	.09	11	1.24	.02	.06	1	35
B 60+00N 71+00E D	1	16	5	64	.3	10	4	155	1.34	2	5	ND	1	23	.2	2	2	36	.36	.036	6	17	.35	72	.10	3	.90	.01	.03	1	20
STANDARD C/AU-S	18	59	37	131	7.1	71	32	1045	3.95	39	18	6	39	52	18.7	15	19	56	.51	.091	37	56	.89	182	.09	34	1.89	.06	.13	14	45

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 soil P2 Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 1 1990 **DATE REPORT MAILED:** Aug 8/90. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 61+00N 71+50E A	40	84	34	228	.7	44	10	1068	3.42	37	7	ND	2	30	3.2	2	6	98	.18	.141	11	43	.26	148	.03	3	1.28	.01	.13	1	14
B 61+00N 71+50E B	16	36	15	121	.9	22	11	954	3.11	22	5	ND	3	22	1.6	2	2	50	.19	.126	10	32	.24	83	.05	3	1.12	.01	.11	1	4
B 61+00N 71+50E C	51	57	32	87	.5	22	5	220	2.53	46	5	ND	3	26	.8	2	2	55	.03	.045	11	18	.07	68	.01	2	.69	.01	.13	1	6
B 61+00N 73+00E A	17	107	16	116	.5	47	14	810	3.43	24	5	ND	5	17	.5	2	4	44	.17	.045	21	44	.91	79	.01	3	1.40	.01	.09	1	10
B 61+00N 73+00E B	33	141	17	224	.5	83	22	1289	4.45	54	7	ND	6	20	2.3	2	2	40	.15	.044	20	30	.31	106	.02	2	1.05	.01	.13	1	7
B 61+00N 73+00E C	12	94	12	145	.3	50	21	999	4.05	34	5	ND	2	32	1.6	2	3	73	.49	.087	12	43	.71	137	.08	2	1.65	.02	.11	1	240
B 61+00N 73+00E D	6	86	15	145	.4	32	20	1259	4.07	17	5	ND	2	38	2.2	2	2	71	.56	.169	12	34	.61	132	.07	2	1.66	.03	.14	1	31
B 61+00N 73+00E E	27	62	17	97	.6	27	7	319	3.04	15	5	ND	4	12	.7	2	6	34	.05	.032	15	41	.16	64	.01	3	.59	.01	.13	1	5
B 60+00N 70+00E A	4	158	2	103	.1	46	21	1007	5.11	16	8	ND	3	53	.4	2	2	94	.88	.133	14	47	.97	239	.08	5	2.20	.02	.10	1	13
B 60+00N 70+00E B	6	89	8	77	.1	25	20	1005	4.02	17	5	ND	2	47	.2	2	3	79	.62	.128	12	40	.68	127	.07	2	1.59	.02	.10	1	43
B 60+00N 70+00E C	4	226	2	62	.1	24	27	527	5.34	14	5	ND	1	45	1.4	2	10	156	1.66	.261	10	17	1.58	66	.16	3	2.33	.03	.05	1	6
STANDARD C	20	57	38	131	7.2	72	32	1054	3.97	42	20	7	38	52	18.4	15	21	57	.52	.094	39	60	.90	182	.08	34	1.89	.06	.13	11	-

[redacted] LA[redacted]TOR[redacted]LTD[redacted] [redacted]E. [redacted]ING[redacted]T. V[redacted]OUV[redacted].C. [redacted]A 1[redacted] [redacted]NE([redacted]253-[redacted]

GEOCHEMICAL ANALYSIS CERTIFICATE

Rio Algom Exploration Inc. File # 90-2680 Page 1

P.O. Box 10335, 1650 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 73+00N 41+00E	1	35	6	108	.1	36	11	504	2.99	5	5	ND	1	39	1.2	2	2	59	.59	.044	12	47	.78	142	.09	2	1.94	.01	.07	1	2
B 73+00N 41+50E	1	9	7	106	.1	12	7	289	1.84	3	5	ND	1	27	.9	2	2	47	.45	.053	7	26	.42	98	.10	5	1.18	.01	.06	2	2
B 73+00N 42+00E	1	27	3	121	.1	21	14	1852	2.46	5	5	ND	1	39	1.7	2	2	56	.60	.084	11	33	.46	164	.09	4	1.66	.01	.06	1	2
B 73+00N 42+50E	1	36	2	84	.1	27	10	391	2.94	4	5	ND	1	35	.8	2	2	64	.55	.054	9	40	.90	107	.10	8	2.01	.02	.06	1	1
B 73+00N 43+00E	1	56	7	133	.4	44	13	524	3.41	5	5	ND	1	38	1.0	2	2	69	.50	.054	10	63	1.08	189	.05	3	3.43	.02	.10	1	1
B 73+00N 43+50E	1	15	11	75	.2	15	6	209	1.88	4	5	ND	1	30	.4	2	2	52	.46	.040	7	29	.50	96	.09	2	1.80	.01	.04	1	1
B 73+00N 44+00E	1	45	10	105	.3	22	8	360	2.60	2	5	ND	1	42	1.2	2	2	53	.54	.114	14	35	.57	171	.06	3	2.30	.01	.07	1	1
B 73+00N 45+00E	1	30	2	133	.1	33	11	388	3.93	9	5	ND	1	36	.8	2	2	77	.57	.117	8	51	.92	114	.11	2	2.39	.01	.06	1	1
B 73+00N 46+00E	1	40	6	71	.3	35	10	391	3.04	5	5	ND	2	35	.7	2	3	65	.53	.062	9	44	.79	97	.11	2	2.01	.02	.05	1	1
B 73+00N 47+00E	1	8	2	55	.1	9	5	194	1.55	2	5	ND	1	42	.7	2	3	48	.66	.042	6	25	.36	85	.11	2	1.20	.01	.08	1	1
B 73+00N 48+50E	1	37	2	95	.3	35	11	408	3.87	12	5	ND	1	29	.6	2	2	75	.44	.097	7	48	.82	82	.09	2	2.05	.01	.07	1	1
B 73+00N 49+00E	1	29	10	148	.3	26	11	414	3.61	2	5	ND	1	27	1.3	2	2	74	.43	.096	6	43	.60	93	.10	3	2.27	.01	.05	1	2
B 73+00N 49+50E	1	30	11	182	.6	21	13	1258	3.99	2	5	ND	1	36	2.1	2	2	87	.59	.128	6	42	.76	138	.12	2	2.36	.01	.09	1	2
B 73+00N 50+00E	1	24	10	202	.3	19	13	752	3.93	5	5	ND	1	33	1.2	2	2	74	.54	.258	7	40	.60	106	.09	5	2.07	.01	.08	1	1
B 73+00N 50+50E	1	33	9	136	.3	20	9	500	3.66	8	5	ND	1	35	.6	2	5	82	.58	.141	5	39	.62	95	.12	3	2.24	.01	.06	1	1
B 73+00N 51+00E	1	18	9	172	.2	21	12	586	3.88	5	5	ND	1	33	.7	2	2	78	.57	.245	6	41	.62	116	.10	2	2.19	.01	.07	1	1
B 73+00N 51+50E	1	10	2	85	.1	14	5	270	1.97	2	5	ND	1	28	.7	2	2	51	.46	.042	7	30	.45	80	.11	4	1.31	.01	.04	1	1
B 73+00N 52+00E	1	21	3	176	.3	26	11	404	3.81	4	5	ND	2	28	1.0	2	4	74	.47	.233	7	44	.62	156	.10	2	2.35	.01	.09	1	1
B 73+00N 55+00E	1	55	4	76	.1	37	14	561	3.48	3	5	ND	1	42	.7	2	2	77	.67	.056	8	49	.93	125	.11	2	2.07	.01	.05	1	3
B 73+00N 55+50E	1	32	2	130	.1	37	12	415	3.71	4	5	ND	2	31	.6	3	6	72	.53	.194	8	48	.77	154	.10	2	2.44	.01	.06	1	1
B 73+00N 56+00E	1	26	2	176	.2	31	11	393	3.70	5	5	ND	2	30	.4	2	2	71	.48	.197	8	50	.77	119	.10	6	2.39	.02	.06	1	1
B 73+00N 56+50E	1	33	9	113	.1	30	8	306	2.59	4	5	ND	1	29	1.0	2	3	58	.46	.047	8	41	.74	102	.10	5	2.05	.01	.04	1	2
B 73+00N 57+00E	1	38	2	107	.3	26	8	452	2.42	3	5	ND	1	33	.7	2	2	57	.52	.056	9	39	.67	117	.09	2	1.97	.01	.05	1	1
B 73+00N 57+50E	1	34	10	184	.2	35	12	331	4.09	6	5	ND	1	31	.8	2	3	75	.47	.205	7	45	.58	148	.08	2	2.56	.01	.07	1	1
B 73+00N 58+00E	1	13	2	86	.1	16	6	268	1.85	3	5	ND	1	30	.4	2	3	46	.48	.070	8	29	.47	87	.10	7	1.43	.01	.04	1	10
B 73+00N 58+50E	1	29	9	56	.1	23	8	378	2.29	2	5	ND	1	35	.5	2	2	59	.56	.036	9	35	.73	85	.11	4	1.65	.01	.03	1	2
B 73+00N 59+00E	1	178	16	135	.8	76	21	1149	6.15	21	5	ND	3	50	1.0	2	2	118	.69	.062	30	88	1.25	272	.07	3	4.07	.02	.10	1	2
B 73+00N 59+50E	1	32	5	100	.1	27	8	315	2.44	2	5	ND	1	34	.3	2	3	54	.43	.030	11	40	.72	119	.09	4	1.81	.01	.05	1	1
B 73+00N 60+00E	1	32	9	99	.1	33	10	345	3.14	3	5	ND	1	33	.2	2	2	62	.47	.062	9	46	.80	104	.09	3	1.90	.01	.05	1	1
B 73+00N 60+50E	1	20	2	109	.2	28	9	457	2.53	2	5	ND	1	31	.4	2	2	53	.49	.053	9	35	.72	102	.10	6	1.72	.01	.05	1	4
B 73+00N 61+00E	1	21	7	129	.1	27	8	263	2.76	3	5	ND	1	29	.9	2	4	59	.46	.098	8	39	.59	115	.10	4	1.80	.01	.05	1	1
B 73+00N 61+50E	1	34	5	135	.2	33	13	848	3.05	2	5	ND	1	43	.8	2	4	61	.66	.099	12	43	.77	133	.10	4	1.86	.01	.07	1	1
B 73+00N 62+00E	1	14	2	139	.1	19	8	419	2.54	2	5	ND	1	36	1.0	2	7	58	.57	.084	8	35	.51	128	.09	6	1.46	.01	.05	1	4
B 73+00N 62+50E	1	23	10	103	.7	23	8	968	2.16	2	5	ND	1	34	1.1	2	6	48	.44	.086	8	30	.40	160	.08	5	1.52	.01	.05	1	1
B 73+00N 63+00E	1	35	6	100	.3	30	11	446	2.92	2	5	ND	1	33	.2	2	2	67	.46	.047	10	41	.75	129	.09	2	2.22	.01	.04	1	1
B 73+00N 63+50E	1	12	10	122	.3	11	9	1152	2.52	2	5	ND	1	32	.9	2	6	63	.53	.134	6	28	.33	184	.11	2	1.53	.01	.05	1	1
STANDARD C/AU-S	18	58	40	132	7.3	73	29	1029	4.09	42	23	7	37	53	18.4	15	22	55	.52	.094	38	61	.95	181	.07	35	1.98	.06	.14	11	54

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 18 1990 DATE REPORT MAILED: July 25/90 SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 73+00N 64+00E	1	54	8	222	.7	23	19	1167	3.15	10	5	ND	1	70	2.1	2	3	75	1.05	.087	8	44	.51	237	.09	2	1.84	.01	.09	1	3
B 73+00N 64+50E	1	23	8	166	.3	27	9	337	3.09	9	5	ND	1	37	.9	2	2	64	.60	.157	7	40	.61	110	.09	2	2.01	.01	.08	1	5
B 73+00N 65+50E	1	32	4	98	.6	27	9	751	2.81	9	5	ND	1	45	.5	2	2	63	.74	.129	7	38	.60	135	.08	6	1.65	.02	.08	1	5
B 72+00N 42+00E	2	30	11	129	.5	26	12	667	3.19	13	5	ND	1	34	1.5	2	4	69	.56	.158	6	41	.66	131	.10	2	1.80	.02	.07	1	2
B 72+00N 42+50E	1	23	6	191	.4	28	10	334	3.57	8	5	ND	1	30	1.0	2	7	69	.53	.278	7	45	.64	115	.09	5	2.17	.01	.07	1	1
B 72+00N 43+00E	1	12	2	125	.3	16	7	332	2.27	4	5	ND	1	34	.5	2	2	56	.56	.117	7	33	.43	100	.10	6	1.43	.02	.07	1	1
B 72+00N 43+50E	1	22	3	154	.4	29	11	349	3.38	10	5	ND	1	29	1.4	2	2	70	.51	.176	7	43	.58	99	.09	4	2.07	.01	.08	1	1
B 72+00N 44+50E	1	26	8	181	.6	26	10	376	4.34	7	5	ND	1	28	.5	2	2	81	.45	.208	7	46	.63	116	.10	2	2.52	.01	.07	1	1
B 72+00N 45+00E	1	24	3	137	.6	20	11	416	3.51	11	5	ND	1	34	.8	2	3	82	.59	.119	6	41	.53	75	.12	2	2.19	.02	.05	1	15
B 72+00N 45+50E	1	11	3	104	.2	14	7	336	2.22	8	5	ND	1	31	.8	2	4	59	.50	.063	7	34	.30	98	.11	2	1.21	.01	.06	1	1
B 72+00N 46+50E	1	36	7	118	.4	25	13	1112	2.97	7	5	ND	1	34	.9	2	5	68	.51	.091	12	41	.51	174	.10	2	1.88	.01	.06	1	1
B 72+00N 47+00E	1	20	4	102	.2	20	8	364	2.29	9	5	ND	1	32	.2	2	5	58	.50	.048	8	35	.61	97	.11	2	1.66	.01	.05	2	3
B 72+00N 47+50E	1	26	10	152	.5	29	13	1585	3.17	9	5	ND	1	72	.9	3	2	66	.95	.189	8	45	.70	240	.08	10	1.91	.02	.09	1	1
B 72+00N 48+00E	1	33	5	171	.5	41	13	405	3.88	9	5	ND	1	29	.2	2	7	72	.44	.209	9	61	.89	126	.09	9	2.47	.02	.06	1	1
B 72+00N 48+50E	1	33	2	89	.1	34	10	321	2.98	8	5	ND	1	28	.5	2	6	66	.51	.091	6	46	.76	92	.10	6	1.89	.01	.05	1	1
B 72+00N 49+00E	1	63	9	137	.3	54	17	819	4.25	15	5	ND	1	48	1.0	2	13	85	.72	.065	12	66	1.25	197	.09	2	2.71	.02	.09	1	2
B 72+00N 49+50E	1	46	3	89	.2	31	12	306	2.96	10	5	ND	1	51	.2	2	3	73	.75	.041	8	41	.65	144	.08	2	2.08	.02	.06	1	4
B 72+00N 50+00E	1	29	3	231	.4	21	14	408	5.70	14	5	ND	2	28	.9	2	2	99	.36	.403	8	49	.54	141	.10	6	2.42	.01	.07	1	1
B 72+00N 51+00E	1	25	8	289	.7	18	15	693	3.83	9	5	ND	1	39	.9	2	2	82	.62	.250	6	44	.71	120	.11	4	2.60	.01	.07	3	1
B 72+00N 51+50E	1	15	3	137	.1	18	9	418	3.11	7	5	ND	1	35	1.0	2	4	72	.48	.117	9	38	.59	138	.11	7	1.82	.01	.06	1	1
B 72+00N 52+00E	1	29	3	114	.2	25	11	748	2.75	4	5	ND	1	32	.2	2	6	65	.54	.048	8	40	.79	126	.11	2	1.95	.02	.04	1	1
B 72+00N 55+50E	1	35	3	74	.1	29	11	294	3.38	4	5	ND	1	24	.2	2	2	77	.45	.088	5	41	.74	90	.11	4	1.90	.01	.04	1	1
B 72+00N 56+00E	1	19	4	149	.2	25	11	304	3.19	7	5	ND	2	25	.4	2	2	62	.43	.302	8	43	.56	113	.09	3	2.14	.01	.05	1	1
B 72+00N 56+50E	1	20	2	116	.3	23	10	512	3.13	9	5	ND	1	27	.2	2	3	67	.45	.183	8	40	.53	114	.09	6	1.84	.01	.05	1	2
B 72+00N 57+00E	1	10	8	101	.1	12	5	166	1.86	4	5	ND	1	27	.2	2	2	49	.47	.132	8	26	.34	92	.11	3	1.35	.01	.06	1	1
B 72+00N 57+50E	1	27	6	102	.1	28	8	313	2.95	2	5	ND	1	34	.2	2	2	65	.55	.091	9	42	.77	98	.10	3	1.79	.02	.05	1	1
B 72+00N 58+00E	1	30	2	112	.1	35	10	382	2.95	10	5	ND	1	34	.2	2	2	66	.56	.079	9	42	.83	98	.12	8	1.91	.02	.06	1	3
B 72+00N 58+50E	1	40	7	90	.1	33	9	392	3.24	6	5	ND	1	35	.2	2	3	73	.53	.068	8	45	.93	117	.10	6	2.10	.02	.06	1	1
B 72+00N 59+00E	1	11	3	113	.2	18	7	351	1.86	2	5	ND	1	31	.2	2	2	47	.48	.070	9	28	.43	84	.10	3	1.35	.01	.05	2	1
B 72+00N 59+50E	1	20	8	94	.1	22	8	254	2.13	4	5	ND	1	28	.2	2	2	51	.41	.038	9	37	.60	93	.10	3	1.84	.01	.05	1	2
B 72+00N 60+00E	1	26	9	82	.1	23	7	325	2.49	4	5	ND	1	35	.2	2	3	61	.49	.040	9	38	.70	101	.10	4	1.90	.02	.04	1	2
B 72+00N 60+50E	1	30	5	158	.1	50	11	358	3.41	5	6	ND	1	27	.2	2	3	70	.33	.123	7	54	.73	121	.08	3	2.79	.01	.05	1	1
B 72+00N 61+00E	1	18	6	144	.1	28	9	360	3.37	11	5	ND	1	24	.5	2	2	75	.40	.152	6	43	.43	88	.09	2	2.06	.01	.05	1	1
B 72+00N 61+50E	1	30	9	245	.2	32	15	851	3.62	5	5	ND	1	33	.9	2	2	70	.48	.191	9	50	.69	231	.09	5	2.27	.01	.10	1	1
B 72+00N 62+00E	1	23	4	94	.1	18	7	272	3.22	6	5	ND	1	26	.2	2	6	70	.36	.163	8	42	.48	129	.07	3	1.86	.01	.05	1	1
B 72+00N 62+50E	1	26	2	102	.1	27	11	441	3.33	5	5	ND	1	35	.7	2	4	75	.55	.110	7	43	.75	113	.11	5	1.86	.02	.07	1	2
STANDARD C/AU-S	18	58	37	132	7.2	70	31	1021	3.95	42	23	7	37	53	18.4	15	20	55	.50	.094	38	61	.91	180	.07	36	1.88	.06	.14	12	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 72+00N 63+00E	1	15	12	79	.2	15	7	582	1.98	4	5	ND	1	33	.2	3	2	53	.57	.044	7	27	.51	98	.12	3	1.33	.01	.05	1	2
B 72+00N 63+50E	1	13	2	90	.1	15	7	229	2.14	2	5	ND	1	31	.2	2	2	56	.54	.057	7	28	.46	81	.11	2	1.47	.01	.05	2	4
B 72+00N 64+00E	1	92	12	77	.3	40	9	177	3.17	2	5	ND	1	130	.2	2	2	58	2.06	.100	26	43	.63	290	.03	3	3.22	.02	.06	1	6
B 71+00N 42+00E	1	17	6	213	.6	21	10	371	3.03	8	5	ND	1	29	.7	2	2	63	.53	.149	8	40	.56	132	.10	3	2.02	.01	.06	2	1
B 71+00N 42+50E	1	24	13	145	.3	28	10	373	3.44	3	5	ND	1	31	.2	2	2	66	.57	.224	7	44	.68	123	.09	6	2.18	.01	.07	1	5
B 71+00N 43+00E	1	13	2	182	.2	17	8	409	2.81	2	5	ND	1	29	.4	2	2	62	.54	.133	7	36	.53	98	.10	2	1.97	.01	.06	1	1
B 71+00N 43+50E	1	36	7	127	.2	35	12	457	4.01	9	5	ND	1	35	.2	2	2	74	.63	.182	7	50	.86	119	.08	2	2.67	.01	.05	1	1
B 71+00N 44+00E	1	13	5	72	.1	15	5	215	2.25	4	5	ND	1	32	.2	2	2	60	.56	.082	6	31	.33	100	.11	4	1.29	.01	.05	1	1
B 71+00N 45+00E	1	18	2	107	.2	22	7	375	2.64	3	5	ND	1	37	.2	2	2	60	.69	.087	7	37	.62	94	.11	5	1.48	.01	.08	1	1
B 71+00N 52+50E	1	23	7	74	.1	31	10	274	3.04	5	5	ND	1	26	.4	2	2	66	.48	.076	6	40	.67	92	.10	5	1.97	.01	.04	1	2
B 71+00N 57+00E	1	32	7	69	.2	28	15	543	3.00	3	5	ND	1	32	.2	2	2	70	.53	.052	9	42	.77	127	.11	4	1.95	.01	.06	1	2
B 71+00N 57+50E	1	40	8	125	.2	33	17	603	4.50	4	5	ND	1	33	1.2	3	2	100	.68	.121	7	42	1.05	138	.15	2	2.68	.02	.16	1	2
B 71+00N 58+00E	1	24	2	94	.2	27	10	361	3.00	5	5	ND	1	32	.6	2	2	63	.48	.066	9	41	.77	93	.11	3	1.80	.01	.05	2	2
B 71+00N 58+50E	1	30	7	138	.1	32	13	925	3.36	6	5	ND	1	36	.5	2	2	71	.65	.095	11	41	.88	141	.13	5	2.08	.01	.08	1	1
B 71+00N 59+00E	1	57	12	127	.2	41	15	689	3.88	10	5	ND	1	37	.2	2	3	76	.54	.062	12	57	1.08	150	.10	3	2.60	.01	.09	1	3
B 71+00N 59+50E	1	63	12	151	.2	48	12	476	3.68	3	5	ND	1	45	.7	2	2	68	.62	.068	14	56	1.03	238	.06	3	2.98	.02	.09	1	1
B 71+00N 60+00E	1	42	2	106	.2	33	11	504	3.31	7	5	ND	1	36	.2	2	4	69	.57	.073	10	44	.91	118	.10	2	2.10	.02	.06	1	2
B 71+00N 60+50E	1	23	9	92	.1	21	9	484	2.44	4	5	ND	1	30	.3	2	2	55	.48	.052	8	32	.67	95	.10	2	1.61	.01	.05	1	1
B 71+00N 61+50E	1	16	4	89	.2	20	6	187	1.89	2	5	ND	1	25	.3	2	2	45	.39	.035	8	35	.49	83	.10	6	1.41	.01	.03	2	12
B 71+00N 62+00E	1	30	3	142	.1	28	13	570	3.48	4	5	ND	1	38	1.2	2	2	73	.65	.134	6	51	.84	125	.11	5	2.11	.01	.08	1	3
B 71+00N 62+50E	1	38	7	113	.3	27	10	477	3.29	5	5	ND	1	36	.6	2	2	68	.64	.108	6	41	.84	88	.10	6	2.00	.01	.06	1	2
B 71+00N 63+00E	1	40	5	112	.3	32	12	705	3.46	4	5	ND	1	38	.4	2	2	71	.60	.078	8	50	.94	109	.10	2	2.24	.01	.07	1	1
B 71+00N 63+50E	1	135	6	282	1.1	87	22	903	6.80	9	5	ND	2	38	1.2	2	2	112	.44	.116	9	114	1.63	317	.03	2	6.38	.02	.16	1	2
B 71+00N 64+00E	1	32	2	98	.2	25	8	304	2.68	3	5	ND	1	30	.4	2	2	58	.48	.041	8	38	.78	83	.10	2	1.92	.01	.04	1	1
B 70+00N 50+00E	1	29	2	99	.1	32	9	421	2.88	6	5	ND	1	32	.8	2	4	58	.52	.061	9	42	.82	128	.08	3	1.93	.01	.05	1	2
B 70+00N 50+50E	1	35	6	82	.1	25	14	1109	2.56	4	5	ND	1	33	.8	2	2	56	.51	.073	15	37	.55	158	.06	2	2.14	.01	.05	1	1
B 70+00N 51+00E	1	14	2	74	.2	15	7	398	1.79	6	5	ND	1	28	.6	2	2	46	.48	.058	8	30	.50	99	.09	4	1.43	.01	.05	1	2
B 70+00N 51+50E	1	41	10	193	.4	26	15	1737	4.30	10	5	ND	1	39	1.2	2	4	82	.70	.154	5	40	.73	218	.09	4	1.90	.01	.09	1	1
B 70+00N 52+00E	2	51	19	206	.3	32	25	4074	3.92	10	5	ND	1	45	1.1	3	2	81	.58	.136	14	42	.60	324	.06	3	2.94	.02	.07	1	2
B 70+00N 58+50E	1	22	12	153	.2	22	11	326	3.47	9	5	ND	1	30	1.2	2	2	69	.55	.225	7	41	.64	191	.09	4	1.98	.01	.07	1	1
B 70+00N 59+00E	1	27	2	79	.1	25	10	369	2.90	5	5	ND	1	36	.4	2	2	64	.62	.062	8	39	.90	109	.12	4	1.76	.01	.05	1	4
B 70+00N 59+50E	1	23	4	75	.1	25	8	335	2.56	2	5	ND	1	32	.2	2	2	55	.55	.032	7	36	.79	82	.12	3	1.53	.01	.04	1	2
B 70+00N 60+00E	1	42	4	106	.2	33	11	514	3.44	10	5	ND	1	38	.8	2	3	72	.59	.061	11	47	1.02	130	.11	3	2.18	.01	.06	1	5
B 70+00N 60+50E	1	18	4	128	.1	25	11	491	3.41	7	5	ND	1	26	.6	2	4	68	.47	.165	7	47	.58	126	.10	7	1.90	.01	.05	1	2
B 70+00N 61+00E	1	39	11	88	.1	30	12	401	3.48	10	5	ND	1	29	.6	2	3	71	.46	.061	7	45	.89	75	.11	3	2.11	.01	.05	1	4
B 70+00N 61+50E	1	29	2	91	.1	17	8	286	2.83	6	5	ND	1	31	.9	2	4	69	.57	.089	6	36	.75	98	.10	2	2.39	.01	.05	1	2
STANDARD C/AU-S	19	58	40	132	7.2	71	31	1033	4.11	42	20	7	38	53	18.6	15	22	55	.53	.096	37	60	.96	180	.07	36	2.02	.06	.14	11	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 70N 62+00E	1	22	7	121	.5	18	10	391	2.74	5	5	ND	1	36	.2	2	2	60	.58	.080	7	36	.66	117	.09	7	1.86	.01	.05	1	4
B 70N 62+50E	1	48	10	82	.3	26	9	197	2.43	8	5	ND	1	36	.2	2	3	58	.43	.050	9	52	.68	145	.06	2	2.87	.01	.06	1	9
B 70N 63+00E	1	34	8	98	.1	24	10	322	3.01	6	5	ND	1	35	.6	2	2	68	.55	.061	7	41	.84	93	.11	2	2.00	.01	.05	1	1
B 70N 63+50E	1	22	5	113	.3	17	10	375	2.63	4	5	ND	1	29	.2	2	4	67	.46	.090	7	35	.45	75	.10	5	2.13	.02	.05	1	1
B 70N 64+00E BL	1	40	2	110	.2	29	12	315	3.88	4	5	ND	1	29	.8	2	2	79	.50	.088	6	45	.82	87	.10	4	2.57	.01	.05	1	1
B 69N 52+50E	1	40	9	94	.1	35	15	464	3.18	3	5	ND	1	42	1.0	2	2	64	.62	.046	17	45	.89	165	.09	3	2.02	.02	.06	1	1
B 69N 53+00E BL	1	29	4	86	.1	24	9	289	2.67	2	5	ND	1	32	.4	2	3	59	.51	.050	8	39	.77	92	.10	2	1.90	.01	.05	1	1
B 69N 53+50E	1	27	2	113	.2	26	11	327	3.51	7	5	ND	1	32	.7	2	2	75	.54	.104	6	43	.72	129	.10	2	2.04	.01	.06	1	3
B 69N 54+00E	1	36	4	69	.1	30	12	343	3.39	5	5	ND	1	32	.4	2	2	73	.51	.064	7	45	.89	69	.12	2	1.98	.01	.04	1	2
B 69N 54+50E	1	24	3	70	.1	16	9	324	2.61	6	5	ND	1	36	.5	2	4	64	.61	.061	7	34	.66	78	.12	5	1.46	.01	.07	2	4
B 69N 55+00E	1	31	5	116	.1	21	15	517	3.49	9	5	ND	1	41	.4	2	8	80	.68	.072	7	42	.91	115	.12	9	1.95	.02	.05	1	1
B 69N 55+50E	1	26	2	95	.1	22	12	406	3.05	6	5	ND	1	41	.2	2	5	72	.70	.066	7	39	.84	115	.12	3	1.70	.01	.06	1	1
B 69N 59+00E	1	121	2	161	.2	73	23	861	5.77	11	5	ND	1	53	1.0	2	4	102	.67	.088	22	101	1.50	284	.06	2	4.10	.02	.12	1	3
B 69N 59+50E	1	33	6	131	.1	30	14	560	2.85	4	5	ND	1	34	.3	2	6	62	.53	.057	11	43	.72	151	.10	7	1.93	.01	.06	1	1
B 69N 60+00E	1	45	14	100	.1	29	18	769	3.52	8	5	ND	1	43	.3	2	7	78	.68	.091	8	45	.99	116	.11	5	1.97	.01	.07	1	6
B 69N 60+50E	1	109	2	178	.2	74	22	1018	5.22	11	5	ND	1	58	.3	2	3	93	.81	.073	19	80	1.28	298	.07	2	4.10	.02	.11	1	2
B 69N 61+00E	1	33	4	116	.1	25	13	403	3.39	4	5	ND	1	36	.3	2	2	73	.56	.087	7	39	.84	122	.10	8	1.99	.01	.05	1	9
B 69N 61+50E	1	17	6	107	.1	17	8	342	2.53	3	5	ND	1	34	.2	2	2	59	.57	.069	6	33	.59	84	.09	3	1.63	.01	.06	1	2
B 69N 62+00E	1	24	6	111	.2	21	9	265	2.44	8	5	ND	1	29	.2	3	2	60	.53	.041	7	36	.72	87	.11	5	1.84	.01	.04	1	3
B 69N 62+50E	1	19	5	117	.3	18	10	295	2.63	4	5	ND	2	26	.2	2	2	63	.52	.074	8	37	.50	97	.11	3	1.65	.01	.05	1	6
B 69N 63+00E	1	34	9	85	.1	28	10	336	2.71	4	5	ND	1	34	.2	2	2	66	.59	.046	8	41	.83	107	.13	8	2.03	.01	.05	1	2
B 69N 63+50E	1	30	5	105	.1	25	10	324	2.74	6	5	ND	1	33	.6	2	3	67	.60	.055	7	41	.69	101	.11	6	2.09	.01	.05	1	1
B 68N 64+00E BL	1	34	7	115	.1	24	10	334	2.62	4	5	ND	1	31	.3	2	2	64	.53	.035	8	37	.75	83	.12	3	1.95	.01	.04	1	1
B 68N 40+50E	1	14	9	82	.1	13	8	236	2.23	5	5	ND	1	35	.4	2	2	61	.58	.059	7	27	.41	99	.11	2	1.49	.01	.04	1	1
B 68N 41+00E	1	23	8	165	.1	21	16	536	3.41	5	5	ND	1	36	.2	2	2	79	.61	.136	7	38	.66	107	.12	3	2.03	.01	.07	1	1
B 68N 41+50E	1	28	7	174	.1	25	20	1067	4.74	8	5	ND	1	44	.3	2	2	94	.71	.320	5	37	.74	155	.10	6	2.32	.01	.08	1	2
B 68N 42+00E	1	22	3	205	.1	16	12	476	4.48	7	5	ND	1	36	.6	2	2	91	.65	.218	7	35	.64	125	.13	2	2.22	.01	.09	1	1
B 68N 42+50E	1	36	10	101	.2	27	11	331	3.45	9	5	ND	1	32	.2	3	3	76	.60	.085	6	39	.74	99	.11	3	2.43	.01	.06	1	1
B 68N 47+00E	1	19	13	79	.1	22	10	437	2.48	4	5	ND	1	33	.3	2	2	59	.57	.042	8	36	.63	124	.10	10	1.56	.01	.05	1	1
B 68N 47+50E	1	23	6	81	.1	28	12	556	2.77	3	5	ND	1	34	.2	2	4	59	.56	.063	9	40	.73	115	.10	3	1.60	.01	.05	1	1
B 68N 48+00E	1	12	6	131	.1	17	10	337	2.74	3	5	ND	1	24	.4	2	2	55	.44	.151	7	33	.51	110	.08	3	1.69	.01	.06	1	12
B 68N 48+50E	1	21	9	113	.1	29	10	358	3.04	4	5	ND	1	34	.2	2	2	62	.63	.111	8	41	.73	113	.09	4	1.94	.01	.07	1	1
B 68N 49+00E	1	14	8	142	.2	21	11	337	2.79	5	5	ND	1	30	.2	3	2	61	.57	.088	7	36	.51	95	.08	4	1.85	.01	.06	1	2
B 68N 49+50E	1	23	10	103	.4	22	13	457	2.54	4	5	ND	1	27	.2	2	2	55	.45	.041	8	36	.56	84	.09	2	1.79	.01	.04	1	2
B 68N 50+00E	1	26	7	88	.1	25	11	518	2.59	7	5	ND	1	33	.2	2	2	58	.57	.061	10	39	.72	116	.09	4	1.71	.01	.05	1	10
B 68N 50+50E	1	223	13	201	1.3	136	23	1289	7.06	14	7	ND	2	103	1.7	2	3	112	1.58	.213	46	98	1.12	494	.04	5	6.78	.02	.13	1	1
STANDARD C/AU-S	18	57	35	132	7.1	73	31	1030	4.09	42	20	7	36	53	18.1	16	19	55	.52	.093	37	58	.95	179	.07	36	1.97	.06	.14	11	53

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 68N 52+50E	1	33	10	81	.2	30	11	384	3.28	7	5	ND	1	31	.2	2	2	72	.51	.091	8	41	.77	103	.11	9	1.99	.01	.06	1	1
B 68N 53+00E BL	1	30	2	89	.1	26	10	337	3.01	2	5	ND	1	34	.2	2	2	71	.59	.055	7	41	.88	108	.13	7	1.89	.01	.04	1	1
B 68N 53+50E	1	34	5	148	.3	28	14	652	3.54	5	5	ND	1	32	.2	3	2	76	.55	.079	7	49	.93	111	.11	7	2.15	.01	.07	1	1
B 68N 54+00E	1	38	3	120	.3	28	12	391	3.37	2	5	ND	1	35	.2	5	2	75	.55	.080	7	47	.93	101	.12	5	2.15	.01	.07	1	1
B 68N 54+50E	1	23	5	118	.3	22	9	396	2.83	4	5	ND	1	35	.2	3	2	62	.57	.096	7	36	.75	98	.08	9	1.85	.01	.06	1	7
B 68N 55+00E	1	32	11	174	.3	28	12	611	3.57	5	5	ND	1	44	.2	2	2	72	.73	.212	5	42	.70	143	.08	8	1.97	.01	.10	1	1
B 68N 55+50E	1	38	3	75	.1	29	10	416	2.99	6	5	ND	1	36	.2	3	2	67	.56	.045	8	44	.82	81	.10	7	1.73	.02	.04	1	1
B 68N 59+00E	1	26	9	77	.1	26	8	296	2.68	2	5	ND	1	30	.2	2	2	60	.50	.060	8	38	.78	94	.11	4	1.62	.01	.04	1	1
B 68N 59+50E	1	27	6	84	.1	23	8	354	2.59	2	5	ND	1	32	.2	3	2	60	.53	.074	7	35	.75	112	.10	8	1.65	.01	.04	1	1
B 68N 60+00E	1	35	12	98	.3	37	10	329	3.23	7	5	ND	2	29	.2	4	6	66	.45	.101	7	46	.79	106	.09	4	2.10	.01	.04	2	2
B 68N 60+50E	1	46	6	123	.3	38	12	500	3.70	7	5	ND	1	31	.2	3	6	79	.52	.068	8	55	1.00	123	.10	9	2.44	.02	.06	2	2
B 68N 61+00E	1	36	10	105	.1	31	10	332	3.01	2	5	ND	1	34	.2	3	2	72	.61	.067	7	43	.87	96	.13	5	2.10	.01	.04	2	2
B 68N 61+50E	1	35	7	109	.3	28	13	667	3.14	2	5	ND	1	35	.2	3	2	73	.60	.065	9	46	.79	130	.10	5	2.19	.01	.06	1	3
B 68N 62+00E	1	30	5	113	.3	26	14	978	2.65	2	5	ND	1	34	.2	3	2	64	.58	.058	8	44	.66	127	.10	4	2.03	.01	.06	1	4
B 68N 62+50E	1	39	4	101	.1	30	10	395	3.17	3	5	ND	1	33	.2	3	2	73	.64	.085	6	48	.89	102	.11	6	2.20	.01	.05	1	1
B 68N 63+00E	1	30	7	87	.1	28	10	364	2.88	2	5	ND	1	30	.2	4	5	69	.58	.050	6	42	.88	93	.12	7	2.04	.01	.04	1	1
B 68N 64+00E BL	1	31	5	72	.1	27	7	315	2.72	2	5	ND	1	30	.2	3	2	69	.59	.070	6	43	.87	84	.13	8	2.25	.01	.04	1	4
B 67N 40+50E	1	23	8	87	.3	24	9	351	2.62	3	5	ND	2	29	.2	3	7	61	.52	.049	8	36	.76	96	.10	2	1.75	.01	.04	2	6
B 67N 41+00E	1	17	3	89	.1	24	7	242	2.40	4	5	ND	1	27	.2	2	2	58	.49	.057	8	34	.61	82	.11	10	1.66	.01	.04	1	3
B 67N 41+50E	1	13	47	90	.1	15	6	200	1.98	5	5	ND	1	26	.2	42	2	54	.47	.034	8	29	.47	82	.10	6	1.63	.01	.04	1	1
B 67N 42+00E	1	11	5	77	.2	17	5	400	1.97	2	5	ND	1	29	.2	2	3	51	.48	.065	7	30	.35	93	.09	6	1.34	.01	.05	1	2
B 67N 42+50E	1	14	2	91	.1	20	7	262	2.17	3	5	ND	1	27	.2	2	2	52	.47	.069	8	32	.54	90	.09	6	1.63	.01	.03	1	1
B 67N 43+00E	1	20	9	72	.1	30	8	346	2.64	4	5	ND	2	29	.2	2	9	56	.46	.053	9	42	.79	80	.10	9	1.69	.01	.05	1	1
B 67N 43+50E	1	21	10	99	.1	28	8	294	2.60	2	5	ND	1	30	.2	4	4	56	.50	.072	10	40	.70	97	.10	6	1.77	.01	.04	1	1
B 67N 45+00E	1	23	6	83	.2	27	7	339	2.65	3	5	ND	1	30	.2	2	2	58	.52	.069	9	42	.79	102	.10	7	1.87	.01	.04	2	1
B 67N 45+50E	1	22	7	150	.3	26	12	542	3.35	6	5	ND	1	27	.2	3	2	65	.50	.240	7	43	.61	114	.08	6	2.05	.01	.06	1	1
B 67N 46+00E	1	16	3	76	.3	21	7	259	2.26	3	5	ND	1	25	.2	4	2	52	.45	.052	8	34	.62	97	.10	7	1.58	.01	.04	2	3
B 67N 46+50E	1	22	2	81	.1	22	8	288	2.42	3	5	ND	1	29	.2	3	7	56	.48	.047	9	35	.69	87	.11	4	1.65	.01	.04	1	1
B 67N 47+00E	1	20	6	83	.1	25	8	262	2.43	3	5	ND	2	28	.2	3	7	55	.47	.055	9	35	.66	95	.11	4	1.76	.01	.04	1	1
B 67N 47+50E	1	23	6	75	.1	27	7	331	2.56	2	5	ND	2	30	.2	2	3	56	.48	.053	10	38	.75	94	.11	7	1.74	.02	.04	1	1
B 67N 48+00E	1	25	5	85	.3	25	8	323	2.75	7	5	ND	1	30	.2	3	4	61	.48	.060	8	41	.69	118	.09	3	1.84	.01	.05	1	1
B 67N 48+50E	1	23	3	107	.2	27	9	367	2.65	3	5	ND	1	31	.2	2	2	60	.53	.061	7	38	.72	108	.10	4	1.85	.01	.05	1	2
B 67N 49+00E	1	19	7	89	.3	21	7	204	2.31	3	5	ND	1	33	.2	2	6	61	.43	.067	8	36	.49	119	.08	3	1.86	.01	.04	1	1
B 67N 49+50E	1	32	2	82	.3	30	9	302	2.84	2	5	ND	1	27	.2	3	2	66	.47	.032	6	39	.77	81	.10	6	2.15	.01	.04	1	1
B 67N 50+00E	1	27	6	125	.4	27	9	348	2.91	5	5	ND	1	28	.2	3	5	63	.48	.064	8	40	.70	119	.09	6	2.07	.01	.05	1	1
B 67N 50+50E	1	27	3	149	.4	33	11	304	3.38	3	5	ND	1	28	.2	2	7	66	.45	.130	7	46	.67	111	.09	2	2.18	.01	.05	1	1
STANDARD C/AU-S	19	57	44	132	7.2	73	31	1027	4.03	38	20	7	36	53	18.9	16	19	55	.52	.095	37	60	.94	179	.07	36	1.93	.06	.14	11	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 67N 51+00E	1	21	13	89	.1	20	8	278	2.72	2	5	ND	1	27	.6	5	2	63	.43	.060	8	36	.56	91	.11	6	1.80	.02	.05	1	3
B 67N 51+50E	1	50	12	107	.4	36	13	475	3.93	2	5	ND	1	38	.6	2	4	85	.60	.063	9	61	1.23	113	.14	5	2.49	.02	.06	1	3
B 67N 52+00E	1	68	14	139	.4	41	16	868	4.21	5	5	ND	1	59	1.2	4	8	86	.81	.076	12	63	1.21	175	.09	3	2.79	.02	.08	2	1
B 67N 52+50E	1	23	7	88	.1	20	8	293	2.62	2	5	ND	1	29	.3	4	2	65	.49	.075	8	34	.58	87	.11	4	1.68	.01	.04	1	1
B 67N 53+00E BL	1	27	11	91	.1	25	10	321	3.32	2	5	ND	1	33	.2	2	8	74	.58	.119	6	40	.75	112	.12	5	1.96	.01	.05	1	3
B 67N 53+50E	1	26	10	72	.2	19	8	334	2.64	5	5	ND	1	33	.7	3	2	62	.53	.045	7	34	.68	88	.09	9	1.66	.02	.05	1	4
B 67N 54+00E	1	48	14	84	.1	28	13	473	3.43	2	5	ND	1	36	.2	3	2	72	.58	.096	7	42	.79	85	.09	8	1.95	.02	.07	1	3
B 67N 54+50E	1	20	14	105	.1	19	8	439	2.35	2	5	ND	1	34	.2	2	2	57	.57	.065	6	31	.53	112	.10	8	1.56	.01	.05	1	1
B 67N 55+00E	1	36	11	122	.4	26	10	636	2.84	2	5	ND	1	34	.2	4	3	63	.54	.051	10	38	.76	113	.09	3	1.95	.01	.05	2	1
B 67N 55+50E	1	28	11	135	.3	22	10	698	2.95	2	5	ND	1	34	.3	2	2	65	.54	.063	9	40	.67	127	.10	6	1.80	.01	.06	1	4
B 67N 59+00E	1	60	17	127	.1	36	12	678	4.12	7	5	ND	1	44	.3	4	3	87	.70	.098	9	52	1.06	140	.11	6	2.43	.02	.06	1	1
B 67N 59+50E	1	42	10	111	.2	34	10	404	3.27	2	5	ND	1	29	.2	2	3	71	.52	.054	7	46	.93	105	.10	6	2.35	.02	.05	1	1
B 67N 60+00E	1	20	7	80	.1	21	6	247	2.07	2	5	ND	1	31	.2	2	2	52	.52	.039	8	31	.66	88	.11	8	1.51	.01	.04	1	5
B 67N 60+50E	1	60	19	130	.4	45	12	482	4.13	8	5	ND	1	36	.8	3	5	81	.57	.094	9	64	1.13	170	.08	2	3.17	.01	.08	1	1
B 67N 61+00E	1	38	8	119	.2	31	13	684	3.22	5	5	ND	1	32	.2	3	2	71	.53	.062	9	48	.85	146	.09	5	2.42	.02	.06	2	1
B 67N 61+50E	1	27	10	82	.2	23	8	347	2.53	5	5	ND	1	28	.2	2	2	60	.50	.035	7	36	.75	87	.12	5	1.79	.02	.04	1	3
B 67N 62+00E	1	30	5	82	.1	24	7	359	2.73	4	5	ND	1	29	.2	2	4	64	.53	.056	7	39	.78	83	.12	4	1.86	.01	.04	1	1
B 67N 62+50E	1	24	10	82	.1	23	7	281	2.48	3	5	ND	1	25	.2	2	2	56	.45	.039	8	37	.74	95	.10	5	1.87	.02	.03	1	2
B 67N 63+00E	1	35	10	90	.1	30	10	387	3.03	5	6	ND	1	33	.2	2	2	72	.61	.050	8	42	.82	113	.13	6	2.24	.02	.04	1	1
B 67N 63+50E	1	30	2	85	.1	24	9	376	2.81	5	5	ND	1	34	.2	2	2	68	.64	.063	7	38	.78	87	.13	4	1.96	.01	.05	2	1
B 67N 64+00E	1	30	6	92	.2	23	8	367	2.80	3	5	ND	1	34	.2	2	2	70	.65	.062	7	39	.70	109	.12	3	2.07	.02	.05	1	2
B 66N 40+50E	1	19	5	75	.1	21	7	261	2.24	3	5	ND	1	31	.2	2	2	60	.56	.040	8	29	.62	85	.11	8	1.71	.02	.04	1	8
B 66N 41+00E	1	19	7	83	.1	25	7	302	2.39	2	5	ND	1	28	.2	2	2	53	.44	.042	9	36	.69	90	.10	5	1.70	.01	.03	1	1
B 66N 41+50E	1	18	8	142	.1	24	8	292	3.63	5	5	ND	1	27	.2	3	7	71	.48	.219	7	41	.57	116	.09	4	1.98	.01	.06	1	11
B 66N 42+00E	1	18	10	78	.1	17	11	580	2.60	3	5	ND	1	28	.2	2	5	61	.47	.073	7	33	.58	81	.09	4	1.56	.01	.04	1	1
B 66N 42+50E	1	24	2	83	.1	23	13	419	2.50	4	5	ND	1	29	.2	3	2	57	.49	.046	9	35	.60	112	.09	4	1.81	.01	.04	1	1
B 66N 43+00E	1	18	2	70	.1	26	7	289	2.33	4	5	ND	1	29	.2	2	2	53	.47	.045	9	35	.69	84	.11	11	1.50	.02	.03	2	21
B 66N 43+50E	1	32	3	85	.1	31	11	482	3.16	8	5	ND	1	36	.2	4	2	66	.58	.075	10	47	.85	122	.10	7	1.89	.02	.06	2	10
B 66N 44+00E	1	12	6	97	.3	15	6	284	2.72	6	5	ND	1	33	.2	4	3	61	.53	.236	8	36	.39	121	.10	3	1.71	.01	.05	1	8
B 66N 44+50E	1	19	3	73	.1	20	6	252	2.10	2	5	ND	1	29	.2	2	2	53	.49	.039	8	33	.64	92	.10	2	1.75	.01	.04	1	3
B 66N 45+00E	1	14	8	58	.1	18	6	198	2.18	2	5	ND	1	26	.3	4	2	55	.43	.066	7	34	.57	83	.09	10	1.78	.02	.04	1	6
B 66N 45+50E	1	19	10	70	.1	18	6	235	2.44	6	5	ND	1	27	.2	2	2	58	.46	.053	8	36	.65	93	.10	12	2.00	.02	.03	2	4
B 66N 46+00E	1	23	5	93	.2	27	8	259	2.86	4	5	ND	1	28	.2	3	2	64	.45	.067	8	38	.67	126	.09	2	2.44	.02	.04	1	3
B 66N 46+50E	1	59	6	137	.2	49	15	1029	3.93	6	5	ND	1	38	.2	2	4	73	.52	.067	12	60	1.03	214	.06	2	3.41	.02	.07	1	5
B 66N 47+00E	1	37	9	106	.1	35	10	536	3.07	4	5	ND	1	39	.2	4	4	65	.49	.060	10	48	.84	133	.08	5	2.18	.02	.05	2	1
B 66N 47+50E	1	21	6	78	.1	30	9	417	3.06	8	5	ND	1	27	.2	3	2	65	.41	.074	8	43	.71	75	.09	4	1.71	.01	.04	2	2
STANDARD C/AU-S	18	58	35	132	7.2	68	31	1031	4.11	42	22	6	36	53	18.4	16	19	56	.52	.092	37	58	.95	180	.08	35	1.96	.06	.14	12	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 66N 48+00E	1	22	2	96	.1	24	8	329	2.32	2	5	ND	1	28	.2	3	2	56	.49	.037	9	33	.66	101	.11	6	1.82	.01	.05	1	4
B 66N 48+50E	1	24	2	101	.1	21	7	307	2.18	2	5	ND	1	31	.2	3	2	53	.53	.024	8	34	.65	93	.11	11	1.68	.01	.04	1	1
B 66N 49+00E	1	83	20	196	.5	56	26	1084	5.07	8	5	ND	1	38	.5	2	2	94	.56	.137	11	72	1.04	209	.07	5	3.90	.01	.09	1	2
B 66N 49+50E	1	31	2	107	.1	30	10	445	2.98	2	5	ND	1	32	.6	2	2	66	.55	.049	8	44	.88	106	.11	6	2.07	.01	.04	1	3
B 66N 50+00E	1	62	12	135	.3	47	14	567	4.03	2	5	ND	1	37	.6	2	2	81	.53	.073	9	79	1.22	167	.08	4	3.19	.02	.09	1	5
B 66N 50+50E	1	61	6	105	.3	32	16	658	4.61	5	6	ND	1	46	1.0	4	2	109	.78	.096	7	58	1.61	126	.16	13	2.86	.02	.13	1	4
B 66N 51+00E	1	70	7	105	.1	32	16	648	4.53	8	5	ND	1	50	.2	2	2	98	.79	.070	7	57	1.51	110	.14	4	2.76	.02	.08	1	2
B 66N 51+50E	1	20	2	68	.1	23	7	282	2.40	2	5	ND	1	31	.4	2	2	55	.50	.042	9	36	.73	75	.11	11	1.62	.01	.04	1	4
B 66N 52+00E	1	38	3	87	.1	25	10	423	3.10	4	5	ND	1	38	.6	2	2	74	.63	.054	8	42	1.06	100	.14	9	2.26	.02	.04	1	4
B 66N 52+50E	1	45	3	92	.1	25	11	450	3.57	6	5	ND	1	42	.3	4	2	77	.65	.069	7	42	1.00	94	.10	12	2.13	.02	.05	1	1
B 66N 53+00E	1	41	3	95	.1	27	12	432	3.19	3	5	ND	1	35	.2	5	3	68	.57	.061	9	42	.89	96	.10	10	2.01	.02	.05	1	6
B 66N 53+50E	1	32	3	101	.2	21	11	512	3.30	6	5	ND	1	38	.3	5	2	76	.59	.073	7	38	.82	89	.10	6	1.98	.01	.06	1	3
B 66N 54+00E	1	32	5	140	.4	23	11	359	3.35	7	5	ND	2	35	.2	6	2	74	.54	.043	7	39	.78	92	.10	9	2.01	.01	.05	1	4
B 66N 54+50E	1	32	2	115	.1	22	10	550	2.86	4	5	ND	1	34	.5	2	2	65	.52	.046	9	37	.80	101	.11	8	2.03	.01	.04	1	1
B 66N 55+00E	1	22	8	109	.2	20	11	525	2.62	2	5	ND	1	35	.2	2	2	65	.60	.060	8	34	.70	99	.11	8	1.91	.02	.05	1	1
B 66N 58+00E	1	18	2	112	.1	18	6	374	2.29	2	5	ND	1	29	.2	2	2	55	.50	.038	8	33	.65	95	.11	6	1.70	.01	.04	1	2
B 66N 58+50E	1	31	2	117	.1	23	9	460	2.71	3	5	ND	1	32	.6	2	2	60	.53	.052	9	42	.78	126	.10	5	1.96	.01	.05	1	1
B 66N 60+00E	1	38	5	88	.1	29	12	930	2.96	5	5	ND	1	33	.2	2	2	71	.54	.078	15	45	.65	125	.12	8	2.22	.01	.04	1	1
B 66N 62+50E	1	28	5	99	.1	23	11	523	2.85	2	5	ND	1	30	.2	2	2	68	.51	.055	7	42	.67	101	.11	6	2.08	.01	.05	1	3
B 66N 63+00E	1	35	10	88	.1	28	10	438	2.90	2	5	ND	1	34	.2	2	2	67	.59	.064	6	41	.75	94	.12	9	2.15	.01	.04	1	3
B 66N 63+50E	1	23	2	85	.3	21	7	273	3.16	5	5	ND	1	31	.2	2	2	71	.55	.102	6	39	.54	92	.10	6	2.11	.01	.05	1	1
B 65N 40+00E	1	22	2	86	.1	31	8	449	2.88	3	5	ND	1	34	.2	2	2	58	.51	.057	10	45	.89	96	.10	7	1.83	.01	.06	1	5
B 65N 41+00E	1	39	2	88	.1	33	11	378	2.99	6	5	ND	1	49	.2	2	2	66	.62	.033	12	48	.89	180	.10	2	2.27	.02	.04	1	1
B 65N 41+50E	1	30	8	90	.1	28	9	355	3.06	5	5	ND	1	32	.2	2	2	64	.49	.072	9	45	.80	100	.10	4	1.96	.01	.05	1	1
B 65N 42+00E	1	30	7	93	.1	33	10	325	3.23	5	5	ND	2	30	.2	2	2	68	.50	.073	9	49	.85	104	.11	5	2.21	.01	.04	1	1
B 65N 42+50E	1	26	4	96	.1	37	9	282	2.95	3	5	ND	1	27	.2	2	2	60	.43	.068	9	44	.83	99	.10	6	2.31	.01	.04	1	9
B 65N 43+00E	1	31	13	133	.4	37	11	258	3.38	7	5	ND	2	22	.2	2	3	65	.31	.097	7	50	.64	107	.09	11	2.79	.01	.05	2	1
B 65N 43+50E	1	21	5	79	.1	21	6	242	2.24	2	5	ND	1	30	.3	2	2	55	.49	.034	9	34	.65	90	.11	8	1.69	.01	.03	1	1
B 65N 44+00E	1	34	6	105	.1	46	10	447	3.10	7	5	ND	1	42	.2	2	2	63	.63	.031	9	49	.88	159	.09	4	2.39	.02	.04	1	5
B 65N 44+50E	1	23	3	94	.1	27	7	362	2.31	4	5	ND	1	41	.2	2	2	54	.60	.043	10	43	.79	124	.10	6	1.86	.02	.05	1	1
B 65N 45+00E	1	22	4	76	.1	24	7	266	2.42	3	5	ND	1	32	.2	2	2	56	.53	.050	9	37	.69	100	.11	9	1.63	.02	.04	1	1
B 65N 45+50E	1	25	4	85	.1	26	8	309	2.54	3	5	ND	1	31	.5	2	3	57	.50	.037	9	40	.78	101	.11	5	1.88	.01	.04	1	1
B 65N 46+00E	1	23	2	87	.1	21	8	343	2.40	4	5	ND	1	30	.5	2	2	55	.50	.034	9	36	.71	95	.11	5	1.73	.01	.04	1	1
B 65N 46+50E	1	108	17	98	.1	36	16	463	4.88	11	5	ND	1	32	.2	2	2	97	.42	.076	6	52	1.19	100	.10	6	3.06	.01	.06	1	4
B 65N 47+00E	1	30	11	129	.1	32	9	374	2.93	2	5	ND	1	29	.2	2	2	63	.50	.069	8	42	.79	118	.11	8	2.41	.01	.05	1	2
B 65N 47+50E	1	25	15	322	.9	21	14	1024	4.14	3	5	ND	1	40	.8	2	2	79	.62	.351	7	42	.57	262	.09	5	2.64	.01	.06	1	1
STANDARD C/AU-S	18	58	40	132	7.3	72	30	1031	4.09	44	20	7	38	53	18.5	16	21	55	.52	.096	37	60	.94	180	.07	37	1.95	.06	.14	11	50

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 65N 48+50E	1	23	2	234	.1	21	12	546	2.97	3	5	ND	1	42	.8	2	2	62	.61	.090	7	40	.60	123	.10	5	1.57	.01	.07	1	2
B 65N 49+00E	1	45	8	170	.1	26	15	674	3.73	7	5	ND	1	43	.2	2	2	86	.73	.066	7	49	1.03	102	.12	5	2.09	.02	.07	1	1
B 65N 49+50E	1	84	2	140	.1	27	21	1097	6.18	2	5	ND	1	53	1.1	2	2	157	1.08	.074	7	57	1.90	151	.26	9	3.34	.02	.26	1	2
B 65N 50+00E	1	39	11	155	.2	25	14	352	4.22	5	5	ND	1	29	.3	2	2	87	.60	.180	6	45	.87	118	.12	3	2.65	.01	.08	1	1
B 65N 50+50E	1	30	3	81	.2	27	8	320	2.36	10	6	ND	9	26	1.1	3	2	51	.41	.049	9	40	.71	93	.09	3	1.31	.03	.16	1	3
B 65N 51+00E	1	23	5	103	.1	21	9	422	2.69	7	5	ND	1	32	.2	2	2	62	.57	.044	7	39	.75	86	.11	7	1.69	.02	.05	1	1
B 65N 51+50E	1	48	8	85	.1	33	11	469	3.86	11	5	ND	1	35	.2	2	2	81	.55	.083	7	49	1.07	98	.11	6	2.30	.01	.06	1	3
B 65N 52+00E	1	39	4	104	.2	29	10	364	3.69	7	5	ND	1	32	.5	2	2	76	.54	.075	6	44	.92	96	.10	6	2.22	.01	.06	1	1
B 65N 53+00E	1	51	2	108	.4	36	11	328	3.43	6	5	ND	1	25	.7	2	2	71	.43	.070	7	46	.79	84	.10	6	2.46	.01	.04	1	3
B 65N 53+50E	1	37	3	100	.1	29	9	382	3.10	5	5	ND	1	35	.3	2	2	69	.61	.075	7	38	.86	86	.10	3	2.02	.02	.05	1	1
B 65N 54+00E	1	29	2	109	.3	23	10	550	2.84	6	5	ND	1	38	.9	2	2	65	.60	.065	9	38	.64	136	.09	6	1.78	.01	.07	2	1
B 65N 54+50E	1	28	2	83	.1	27	7	290	2.55	3	5	ND	1	27	.3	2	2	55	.44	.033	9	37	.74	96	.10	4	1.61	.01	.05	1	1
B 65N 55+00E	1	27	5	76	.1	28	7	325	2.72	5	5	ND	1	32	.4	2	2	59	.52	.053	9	39	.75	88	.11	4	1.61	.01	.05	1	2
B 65N 57+00E	1	22	6	105	.1	20	7	304	3.57	2	5	ND	1	30	.2	2	2	71	.50	.318	6	41	.56	131	.09	6	2.05	.01	.05	1	1
B 65N 57+50E	1	49	8	87	.1	40	11	422	3.58	6	5	ND	1	33	.5	2	2	75	.55	.098	7	52	.92	91	.12	3	2.27	.02	.05	2	2
B 65N 58+00E	1	37	4	106	.2	29	9	355	3.22	4	5	ND	1	31	.2	2	2	74	.61	.079	6	46	.80	110	.12	4	2.29	.01	.05	1	4
B 65N 58+50E	1	39	6	109	.1	29	10	413	3.65	6	5	ND	1	32	.4	2	2	77	.59	.132	7	47	.73	114	.11	7	2.26	.02	.04	1	1
B 65N 59+00E	1	29	6	92	.2	24	7	580	2.72	2	6	ND	1	33	.8	2	2	63	.62	.063	7	41	.70	109	.12	3	1.69	.01	.05	1	1
B 65N 59+50E	1	25	2	200	.6	26	9	366	3.63	7	5	ND	1	33	.5	3	2	67	.55	.303	8	43	.60	203	.09	5	2.36	.01	.06	1	1
B 65N 60+00E	1	22	2	86	.1	19	6	273	2.55	3	5	ND	1	30	.5	2	2	64	.56	.074	7	34	.63	92	.12	7	1.81	.01	.05	1	3
B 65N 60+50E	1	26	4	92	.2	20	7	328	2.36	6	5	ND	1	32	.6	2	2	59	.58	.062	7	34	.66	103	.11	2	1.80	.01	.04	1	1
B 65N 61+00E	1	21	5	116	.1	18	7	378	2.57	2	5	ND	1	26	.3	2	2	61	.46	.073	7	32	.42	104	.10	2	1.78	.01	.04	1	5
B 65N 61+50E	1	41	11	100	.1	35	10	421	3.48	3	5	ND	1	34	.2	2	2	74	.61	.115	7	45	.83	103	.12	5	2.34	.01	.06	1	3
B 65N 62+00E	1	35	9	111	.1	30	8	331	3.16	4	5	ND	1	29	.7	2	2	71	.51	.071	7	43	.81	92	.12	7	2.54	.01	.05	1	2
B 65N 62+50E	1	31	2	94	.3	29	8	301	3.18	2	5	ND	1	30	.7	2	2	75	.53	.081	6	40	.71	116	.11	4	2.44	.01	.04	1	2
B 65N 63+00E	1	25	3	78	.1	24	7	297	2.58	3	5	ND	1	30	.3	2	2	67	.58	.054	7	35	.69	83	.13	4	1.90	.01	.04	1	1
B 65N 63+50E	1	37	3	108	.4	33	11	460	3.27	4	5	ND	1	32	.7	2	2	75	.59	.075	6	45	.76	101	.12	6	2.47	.01	.05	1	3
B 65N 64+00E	2	116	17	232	.5	85	40	3921	7.55	2	5	ND	1	42	1.3	2	2	143	.46	.159	17	100	1.40	338	.07	2	7.04	.02	.11	1	1
B 66N 59+00E	1	27	7	94	.1	24	9	430	2.63	6	5	ND	1	32	.7	2	2	63	.55	.034	8	41	.78	103	.12	4	1.89	.01	.05	1	1
B 66N 59+50E	1	40	5	148	.3	32	11	491	3.49	2	5	ND	1	33	.7	4	2	80	.63	.077	7	50	.77	152	.13	5	2.35	.02	.06	1	1
B 66N 60+50E	1	33	4	99	.1	29	8	422	2.87	2	5	ND	1	32	.4	2	3	66	.59	.057	7	42	.79	111	.11	5	1.89	.01	.04	2	4
B 66N 61+00E	1	26	3	99	.1	24	7	361	2.57	4	5	ND	1	29	.6	2	2	60	.50	.038	9	41	.76	104	.11	3	1.85	.01	.04	1	1
B 66N 61+50E	1	33	2	97	.2	31	9	497	2.97	2	5	ND	1	31	.5	2	2	68	.54	.049	8	46	.86	118	.11	2	2.23	.01	.04	1	2
B 66N 62+00E	1	35	4	74	.1	30	8	367	2.89	2	5	ND	1	34	.3	2	2	70	.60	.062	7	41	.85	89	.13	2	1.97	.02	.04	1	3
B 66N 64+00E	1	28	8	139	.1	28	9	313	2.96	4	5	ND	1	25	.6	2	2	66	.46	.065	7	42	.69	76	.12	6	2.24	.01	.04	1	3
B 64N 47+00E	1	34	14	103	.1	31	10	317	3.37	4	5	ND	1	31	.6	2	2	73	.45	.078	5	38	.63	115	.09	2	2.03	.01	.03	1	18
STANDARD C/AU-S	18	58	45	132	7.2	72	30	1029	4.07	38	22	7	36	53	18.5	15	19	56	.52	.093	37	59	.94	180	.07	33	1.95	.06	.14	11	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 64N 47+50E	2	157	25	341	.9	124	35	3036	7.95	24	8	ND	2	84	2.0	2	2	134	1.08	.110	20	114	1.35	421	.05	2	6.81	.02	.16	1	3
B 64N 48+00E	1	35	18	189	.3	29	14	383	4.04	9	5	ND	1	72	.2	2	2	92	.90	.053	7	40	.76	164	.10	3	2.90	.01	.05	1	3
B 64N 48+50E	2	47	13	115	.3	28	16	461	4.84	14	5	ND	1	46	.2	2	2	97	.48	.049	6	41	.79	82	.08	5	2.30	.01	.04	1	1
B 64N 49+00E	1	30	9	158	.3	25	13	382	3.75	5	5	ND	1	30	.2	2	2	74	.46	.134	7	44	.70	91	.10	7	2.20	.01	.05	1	4
B 64N 49+50E	1	39	12	92	.2	31	10	299	3.62	2	5	ND	1	27	.2	2	2	69	.47	.126	7	47	.76	70	.09	7	2.21	.01	.05	1	5
B 64N 50+00E	1	22	3	86	.1	19	8	388	2.37	2	5	ND	1	31	.3	2	2	56	.51	.037	8	33	.65	81	.11	7	1.63	.01	.04	1	10
B 64N 50+50E	1	29	7	114	.2	25	9	323	2.79	2	5	ND	1	29	.2	2	2	64	.51	.029	8	37	.82	90	.11	5	2.05	.01	.05	1	1
B 64N 51+00E	1	34	12	85	.1	26	9	353	3.08	5	5	ND	1	36	.2	2	2	70	.57	.054	8	42	.89	84	.11	9	2.13	.02	.05	1	2
B 64N 51+50E	1	32	11	87	.2	25	8	387	2.69	2	5	ND	1	34	.3	2	2	61	.52	.041	8	39	.80	90	.11	10	1.99	.02	.04	1	4
B 64N 52+00E	1	21	7	73	.2	23	7	257	2.38	2	5	ND	1	29	.2	2	2	51	.43	.025	9	35	.70	82	.10	8	1.70	.01	.04	1	1
B 64N 52+50E	1	30	11	76	.1	27	8	322	2.81	4	5	ND	1	32	.2	2	2	60	.51	.052	8	42	.87	90	.10	8	2.02	.01	.05	1	1
B 64N 53+50E	1	74	10	120	.9	37	11	509	3.45	4	5	ND	1	33	.2	2	2	66	.45	.075	12	53	.75	169	.06	7	3.33	.02	.07	1	1
B 64N 54+00E	1	42	15	154	.1	37	11	543	3.61	4	5	ND	1	31	.2	2	2	70	.51	.059	9	53	.96	117	.09	7	2.70	.01	.07	1	2
B 64N 54+50E	1	29	7	138	.1	29	11	534	3.05	3	5	ND	1	33	.7	2	2	64	.56	.058	8	42	.87	124	.11	11	2.06	.01	.05	1	5
B 64N 55+00E	1	72	18	167	.6	50	15	825	4.13	8	5	ND	1	44	.8	2	3	77	.61	.082	14	63	1.09	216	.07	6	3.06	.02	.09	1	4
B 64N 56+00E	1	20	13	93	.1	18	7	276	2.33	2	5	ND	1	33	.2	2	2	59	.56	.044	8	32	.67	105	.11	6	1.89	.01	.04	1	1
B 64N 56+50E	1	26	12	98	.2	25	10	354	3.29	3	5	ND	1	33	.2	2	2	72	.51	.109	7	40	.64	97	.11	7	2.22	.01	.05	1	1
B 64N 57+00E	1	55	18	126	.2	38	12	337	4.32	10	5	ND	1	38	.3	2	7	90	.69	.190	6	61	.82	108	.12	6	2.88	.01	.04	2	3
B 64N 57+50E	1	35	14	111	.4	28	11	328	4.11	2	5	ND	1	29	.7	2	2	75	.54	.258	6	50	.71	97	.10	2	2.73	.01	.04	1	1
B 64N 58+00E	1	23	2	83	.4	21	7	259	2.40	2	5	ND	1	31	.3	2	2	58	.55	.060	7	35	.52	104	.11	6	1.84	.01	.05	2	5
B 64N 58+50E	1	20	7	112	.4	17	9	690	2.74	6	5	ND	1	29	.5	2	2	62	.52	.101	6	36	.42	109	.11	7	1.72	.01	.05	1	4
B 64N 59+00E	1	34	11	148	.4	31	13	771	3.44	7	5	ND	1	36	.6	2	6	73	.61	.130	7	48	.64	124	.11	8	2.40	.01	.05	1	1
B 64N 59+50E	1	37	16	142	.2	34	12	408	3.40	6	5	ND	1	32	.6	2	2	75	.56	.106	7	50	.76	108	.12	11	2.40	.01	.05	1	3
B 64N 60+00E	1	30	15	157	.3	28	12	426	4.37	8	5	ND	1	34	.8	2	2	86	.61	.289	6	46	.78	144	.11	5	2.64	.01	.06	1	8
B 64N 60+50E	1	45	16	123	.3	39	10	415	3.81	9	5	ND	1	35	.4	2	2	82	.66	.130	6	50	.91	97	.13	10	2.72	.02	.06	1	36
B 64N 61+00E	1	45	14	105	.3	33	10	355	3.28	6	5	ND	1	35	.7	2	2	73	.60	.061	8	49	.90	102	.14	10	2.55	.02	.06	1	2
B 64N 61+50E	1	49	15	85	.3	33	9	377	3.60	10	5	ND	1	37	.2	2	4	85	.64	.069	7	50	.96	120	.14	7	2.67	.01	.05	2	3
B 64N 62+00E	1	28	5	75	.2	23	8	350	2.98	4	5	ND	1	34	.5	2	2	73	.61	.082	5	40	.70	92	.13	3	2.00	.01	.04	1	1
B 64N 62+50E	1	34	17	78	.4	28	9	352	3.02	3	5	ND	1	42	.2	2	2	68	.58	.060	8	49	.89	96	.14	6	2.12	.01	.04	1	1
B 64N 63+00E	1	37	9	80	.2	30	8	335	2.96	3	5	ND	1	35	.8	2	2	70	.59	.047	7	44	.90	95	.14	5	2.32	.01	.04	1	2
B 64N 63+50E	1	27	9	70	.1	21	8	313	2.63	2	5	ND	1	34	.3	2	2	63	.52	.028	7	37	.80	85	.13	8	1.81	.01	.04	2	6
B 63N 47+00E	1	17	15	89	.3	22	9	315	2.63	2	5	ND	1	23	.4	2	4	56	.38	.091	7	37	.52	65	.09	8	1.82	.01	.04	2	2
B 63N 47+50E	1	28	13	95	.2	38	11	306	3.57	8	5	ND	1	27	.5	3	2	69	.42	.093	7	48	.75	114	.10	7	2.34	.01	.03	1	1
B 63N 48+00E	1	27	20	186	.4	26	13	334	5.49	10	5	ND	1	27	.3	2	2	105	.39	.195	7	49	.65	131	.10	5	2.59	.01	.06	1	3
B 63N 48+50E	1	47	15	118	.2	31	15	562	3.78	6	5	ND	1	38	.2	2	2	76	.59	.066	7	42	.94	99	.10	8	2.14	.01	.04	1	1
B 63N 49+00E	1	105	15	141	.6	40	14	449	5.47	16	5	ND	1	34	.7	3	4	100	.57	.189	6	53	1.13	91	.08	5	2.89	.01	.07	2	5
STANDARD C/AU-S	18	58	45	132	7.3	72	31	1031	4.07	41	19	7	36	53	18.5	16	21	55	.52	.096	36	59	.94	179	.07	35	1.96	.06	.14	11	51

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 63N 49+50E	1	20	6	128	.2	27	9	307	3.16	4	5	ND	1	25	.2	3	2	60	.43	.191	8	41	.58	123	.08	3	2.16	.01	.05	2	1
B 63N 50+00E	1	57	2	143	.3	36	16	620	4.13	11	5	ND	1	33	.2	2	2	79	.58	.169	7	48	.95	107	.08	2	2.63	.01	.06	1	2
B 63N 50+50E	1	82	4	183	.6	49	17	1130	4.25	4	5	ND	1	35	.2	2	2	74	.49	.101	11	63	1.01	230	.05	3	3.69	.01	.08	2	9
B 63N 51+00E	1	33	4	86	.1	27	9	360	2.78	7	5	ND	1	33	.2	2	2	63	.56	.043	8	36	.88	105	.11	9	1.96	.01	.04	2	3
B 63N 51+50E	1	25	7	96	.2	31	8	303	2.44	2	5	ND	1	31	.2	2	2	49	.48	.043	10	43	.88	114	.10	7	1.96	.01	.05	1	1
B 63N 52+00E	1	33	2	102	.1	34	10	514	2.97	4	5	ND	1	37	.2	2	2	58	.54	.063	10	48	.94	151	.09	6	2.11	.01	.06	2	8
B 63N 52+50E	1	38	2	84	.2	22	9	414	2.82	2	5	ND	1	28	.2	2	3	64	.47	.043	10	34	.56	110	.08	4	1.94	.01	.04	1	1
B 63N 52+50E (A)	1	61	4	157	.5	47	18	783	4.69	9	5	ND	1	36	.2	2	2	88	.46	.073	10	71	1.12	208	.06	6	3.62	.01	.10	1	3
B 63N 53+00E	1	20	2	75	.2	23	7	284	2.45	5	5	ND	1	28	.2	2	2	53	.47	.046	8	36	.70	93	.09	7	1.68	.01	.04	1	1
B 63N 53+50E	1	19	2	68	.2	20	7	274	2.37	3	5	ND	1	30	.2	2	2	58	.46	.024	6	32	.70	81	.10	4	1.73	.01	.04	2	1
B 63N 54+00E	1	22	5	85	.2	18	7	263	2.43	5	5	ND	1	29	.3	2	4	61	.49	.035	7	31	.68	72	.10	3	1.92	.01	.03	1	5
B 63N 54+50E	1	29	2	97	.3	24	9	335	2.84	7	5	ND	1	29	.2	2	3	65	.47	.037	7	38	.71	91	.10	7	2.30	.01	.04	1	4
B 63N 55+00E	1	31	3	153	.4	26	12	679	3.08	7	5	ND	1	38	.5	2	3	65	.67	.076	8	40	.78	139	.09	3	1.98	.01	.08	1	5
B 63N 55+50E	1	49	3	183	.8	35	20	2032	3.43	2	5	ND	1	45	1.0	2	2	66	.71	.116	12	45	.68	241	.07	2	2.31	.01	.07	1	8
B 63N 56+00E	1	39	3	86	.1	32	14	550	3.17	6	5	ND	1	42	.2	2	2	73	.67	.067	11	46	.97	122	.11	5	2.05	.02	.05	1	3
B 63N 56+50E	1	26	2	124	.3	28	11	295	3.58	2	5	ND	1	30	.2	2	2	67	.51	.175	8	47	.72	98	.09	7	2.49	.01	.09	1	6
B 63N 57+00E	1	44	6	124	.4	40	14	394	4.12	2	5	ND	2	31	.2	2	2	77	.53	.147	7	58	.98	107	.11	4	3.12	.01	.06	2	6
B 63N 57+50E	1	24	2	115	.1	20	8	329	2.49	2	5	ND	1	29	.2	2	2	60	.55	.051	6	35	.69	99	.12	5	1.87	.01	.04	1	1
B 63N 58+00E	1	32	5	125	.4	31	12	391	4.24	4	5	ND	1	30	.2	2	3	79	.53	.249	6	52	.78	119	.10	7	2.82	.01	.06	1	1
B 63N 58+50E	1	41	5	118	.2	31	10	406	3.52	2	5	ND	1	31	.6	2	2	70	.53	.131	7	48	.81	127	.10	4	2.53	.01	.05	1	3
B 63N 59+00E	1	24	5	115	.5	21	9	328	3.21	5	5	ND	1	31	.2	2	2	71	.53	.127	6	39	.61	108	.12	3	1.98	.01	.04	1	2
B 63N 59+50E	1	50	6	101	.3	40	12	363	3.90	2	5	ND	1	27	.2	2	2	73	.46	.138	5	52	.82	113	.09	2	2.38	.01	.04	1	5
B 63N 60+00E	1	28	10	96	.2	22	8	509	2.61	5	5	ND	1	30	.3	2	2	64	.54	.076	6	39	.57	115	.12	7	1.79	.01	.03	1	3
B 63N 60+50E	1	27	2	109	.2	27	11	530	2.91	4	5	ND	1	34	.2	2	3	68	.62	.088	6	44	.72	118	.12	5	2.20	.01	.05	1	1
B 63N 61+00E	1	44	5	87	.2	30	11	408	3.12	2	5	ND	1	33	.3	2	2	74	.56	.042	8	49	.89	100	.13	7	2.41	.01	.04	2	9
B 63N 61+50E	1	40	2	75	.4	32	10	389	3.18	3	5	ND	1	38	.2	2	3	76	.61	.053	7	53	.98	90	.15	4	2.22	.01	.04	2	4
B 63N 62+00E	1	38	2	82	.1	30	10	338	3.07	2	5	ND	1	34	.2	2	2	68	.56	.063	8	45	.88	92	.13	4	2.17	.01	.04	1	18
B 63N 62+50E	1	35	10	75	.1	28	9	384	2.88	2	5	ND	1	36	.4	2	2	69	.59	.052	8	44	.91	86	.14	3	2.19	.01	.04	1	123
B 63N 63+00E	1	96	14	153	.7	58	16	538	4.54	6	5	ND	1	44	.5	2	2	84	.61	.087	11	89	1.36	239	.07	4	4.52	.01	.10	1	1
B 63N 63+50E	1	63	13	149	.5	47	15	757	3.95	3	5	ND	1	45	.4	2	2	77	.63	.071	14	66	1.03	226	.07	2	3.36	.01	.07	1	2
B 63N 64+00E	1	30	2	74	.1	26	9	340	2.75	2	5	ND	1	32	.2	2	4	61	.54	.048	8	42	.84	96	.11	4	1.84	.01	.05	2	1
B 62N 47+50E	1	32	11	179	.5	29	14	363	4.31	6	5	ND	1	26	.2	2	2	82	.40	.135	7	46	.67	127	.09	5	2.71	.01	.05	2	1
B 62N 48+00E	1	35	3	139	.6	28	11	592	2.85	3	5	ND	1	50	.4	2	2	63	.65	.026	9	43	.54	137	.08	2	2.11	.01	.03	1	1
B 62N 48+50E	1	22	8	114	.2	24	11	266	3.69	4	5	ND	1	26	.2	2	2	72	.37	.082	6	43	.60	93	.09	4	2.16	.01	.04	1	1
B 62N 49+00E	1	28	7	142	.5	34	12	341	4.09	5	5	ND	1	25	.3	2	4	77	.41	.171	7	49	.65	112	.08	5	2.65	.01	.06	1	1
B 62N 49+50E	1	28	6	164	.4	30	11	280	3.42	4	5	ND	1	21	.4	2	2	66	.40	.170	7	47	.65	93	.08	5	2.45	.01	.05	2	1
STANDARD C/AU-S	18	57	36	132	7.3	71	32	1032	4.07	40	19	7	37	53	18.6	16	18	55	.53	.092	37	60	.95	179	.07	36	1.97	.06	.14	11	47

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 62N 50+00E	1	30	14	155	.2	23	9	289	3.41	6	5	ND	1	21	.6	2	2	63	.39	.184	6	39	.55	76	.08	4	2.47	.01	.05	1	7
B 62N 50+50E	1	34	7	91	.1	34	9	323	2.98	6	5	ND	1	29	.2	2	2	63	.49	.074	8	42	.80	97	.10	4	1.96	.02	.04	1	3
B 62N 51+00E	1	31	13	101	.1	30	8	391	2.87	3	5	ND	1	26	.2	2	2	58	.42	.052	9	40	.78	98	.09	6	1.94	.01	.05	1	7
B 62N 51+50E	1	22	7	80	.1	29	8	329	2.92	4	6	ND	2	26	.2	2	4	62	.42	.055	8	40	.78	73	.10	3	1.84	.01	.04	2	2
B 62N 52+00E	1	25	18	90	.2	28	9	312	2.89	7	5	ND	1	29	.3	2	5	60	.46	.057	8	40	.75	95	.09	6	1.81	.01	.04	2	5
B 62N 52+50E	1	36	8	84	.1	28	8	354	3.22	4	5	ND	1	32	.2	2	2	72	.50	.043	7	40	.89	104	.11	7	2.33	.02	.04	2	2
B 62N 53+00E	1	63	10	174	.3	48	13	583	4.11	5	5	ND	1	31	.2	2	9	80	.43	.066	8	62	1.07	198	.06	2	3.77	.02	.09	1	3
B 62N 53+00E	1	43	11	85	.1	29	7	280	2.99	3	5	ND	1	24	.2	2	2	66	.37	.061	6	46	.80	101	.08	2	2.93	.01	.04	1	5
B 61N 48+00E	1	74	10	147	.1	46	15	636	4.47	9	5	ND	1	30	.3	2	2	87	.51	.127	8	52	1.02	148	.09	6	3.04	.01	.07	1	2
B 61N 48+50E	1	46	16	85	.1	37	11	472	3.47	3	5	ND	2	28	.2	2	2	65	.41	.062	9	49	.93	102	.10	11	2.13	.02	.06	1	7
B 61N 49+00E	1	30	7	93	.1	27	8	344	2.70	2	5	ND	1	28	.2	2	2	58	.45	.049	7	41	.81	98	.09	4	1.93	.01	.05	1	5
B 61N 49+50E	1	29	3	85	.1	25	8	294	2.65	4	5	ND	1	28	.4	2	2	56	.44	.045	9	38	.78	92	.11	4	1.76	.01	.04	1	6
B 61N 50+00E	1	35	9	84	.1	29	8	336	2.82	5	5	ND	1	32	.2	2	2	64	.54	.050	8	39	.85	93	.11	3	1.97	.01	.05	1	9
B 61N 50+50E	1	19	3	103	.3	16	7	534	1.98	3	5	ND	1	33	.7	2	2	53	.61	.050	8	28	.54	114	.10	2	1.55	.01	.05	1	11
B 61N 51+00E	1	35	5	96	.1	28	9	388	3.01	2	5	ND	1	32	.2	2	2	67	.55	.048	7	45	.94	94	.11	3	2.13	.01	.05	2	6
B 61N 51+50E	1	42	5	109	.1	32	12	402	3.38	4	5	ND	1	35	.2	2	2	76	.54	.044	8	47	1.03	98	.14	5	2.20	.01	.05	1	5
B 61N 52+00E	1	44	7	99	.1	37	12	383	3.09	4	5	ND	1	34	.2	2	2	69	.49	.028	8	46	.96	122	.12	11	2.23	.02	.05	1	3
B 61N 52+50E	1	32	5	127	.1	26	11	375	2.92	3	5	ND	1	36	.2	2	3	66	.51	.036	8	37	1.02	85	.15	3	2.16	.02	.04	1	5
B 61N 53+00E	1	33	14	101	.2	30	10	348	2.99	4	5	ND	1	34	.2	2	2	68	.52	.047	7	42	.93	70	.13	3	1.98	.01	.05	2	1
B 61N 53+50E	1	32	14	98	.1	26	12	426	3.25	5	5	ND	1	37	.4	2	2	72	.56	.074	8	48	.77	117	.10	3	2.25	.01	.06	1	4
B 60N 47+50E	1	21	2	97	.1	20	7	293	2.33	4	5	ND	1	27	.2	2	2	55	.43	.041	8	36	.65	114	.10	2	1.65	.01	.04	2	4
B 60N 48+00E	1	47	15	158	.2	30	12	376	3.70	9	5	ND	1	23	.2	2	2	73	.40	.202	6	49	.70	80	.09	6	2.70	.01	.06	1	4
B 60N 48+50E	1	75	11	190	.4	50	15	668	4.68	8	5	ND	1	37	.5	3	2	89	.57	.109	10	62	1.07	182	.08	4	3.50	.01	.07	1	3
B 60N 49+00E	1	69	16	189	.8	48	18	961	4.62	11	5	ND	1	34	.4	4	2	88	.47	.099	8	64	1.10	179	.08	6	3.34	.01	.08	1	2
B 60N 49+50E	1	49	6	97	.1	32	12	456	3.36	4	5	ND	1	30	.2	2	2	74	.51	.059	7	49	.96	106	.12	6	2.39	.01	.05	2	12
B 60N 50+00E	1	28	9	113	.1	21	9	523	2.78	2	5	ND	1	33	.2	2	2	67	.54	.048	7	39	.77	95	.13	5	1.96	.01	.04	1	2
B 60N 50+50E	1	45	12	207	.5	41	15	346	4.72	6	5	ND	2	24	.2	2	2	83	.42	.259	7	57	.87	135	.10	2	3.52	.01	.07	2	2
B 60N 51+00E	1	42	12	105	.1	31	12	408	3.33	5	5	ND	1	39	.2	2	2	75	.62	.062	7	47	1.07	89	.15	2	2.13	.02	.05	1	38
B 60N 51+50E	1	51	7	142	.1	39	15	542	3.76	6	5	ND	1	39	1.4	2	2	77	.56	.051	8	56	1.16	121	.13	3	2.47	.01	.08	1	2
B 60N 52+00E	1	36	3	77	.1	30	9	388	3.07	7	5	ND	1	33	.2	2	2	66	.51	.061	8	48	.86	100	.11	4	1.88	.01	.05	1	3
B 60N 52+50E	1	36	6	78	.1	33	10	405	3.02	4	5	ND	1	32	.2	2	2	66	.51	.070	8	46	.86	91	.11	2	1.90	.01	.05	1	1
B 60N 53+00E	1	61	3	123	.1	40	13	593	3.88	4	5	ND	1	34	.2	2	2	78	.50	.077	9	59	1.09	137	.09	2	2.98	.01	.07	2	2
B 60N 53+50E	1	34	2	76	.1	29	9	371	2.92	2	5	ND	1	32	.2	2	2	66	.51	.043	7	43	.89	82	.12	2	1.91	.01	.05	1	1
B 59N 47+50E	1	70	12	152	.2	44	15	616	4.80	9	5	ND	1	28	.3	2	2	92	.49	.278	5	69	1.11	112	.09	3	2.95	.01	.06	1	4
B 59N 48+00E	1	44	5	145	.1	36	13	435	4.28	4	5	ND	1	24	.4	2	2	84	.39	.214	5	51	.84	86	.10	2	3.02	.01	.05	1	3
B 59N 48+50E	1	43	9	154	.1	30	13	444	3.90	2	5	ND	1	34	.2	2	3	83	.51	.100	7	49	.94	108	.13	4	2.71	.01	.06	1	1
B 59N 49+00E	1	51	6	175	.1	32	13	438	3.89	2	5	ND	1	40	.5	2	2	88	.61	.068	6	47	1.13	90	.17	2	2.72	.01	.07	1	4
STANDARD C/AU-S	18	58	41	132	7.2	72	30	1030	4.10	39	22	7	37	53	18.7	15	22	55	.53	.097	37	59	.95	182	.07	35	1.97	.06	.14	11	51

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 59N 49+50E	1	38	6	154	.3	35	11	507	3.20	2	5	ND	1	38	.3	2	2	70	.67	.055	7	51	.98	114	.13	5	2.14	.01	.05	1	3
B 59N 50+00E	1	44	6	93	.3	29	13	716	3.58	4	5	ND	1	44	.9	2	2	80	.75	.054	7	51	1.09	113	.14	4	2.25	.02	.06	1	2
B 59N 50+50E	1	39	2	64	.3	30	11	446	3.06	5	5	ND	1	36	.2	2	2	70	.58	.027	8	51	1.01	92	.13	5	1.97	.02	.04	1	3
B 59N 51+00E	1	44	6	99	.4	34	11	475	3.06	5	5	ND	1	30	.9	2	3	66	.49	.032	9	44	.90	148	.09	7	2.21	.02	.04	1	3
B 59N 51+50E	1	33	3	88	.1	31	8	353	2.92	2	5	ND	1	33	.2	2	2	62	.53	.063	9	44	.90	109	.10	6	2.09	.01	.04	1	5
B 59N 52+00E	1	47	10	198	.6	48	16	1259	3.93	4	5	ND	1	34	.5	2	7	74	.53	.073	10	59	.98	216	.06	5	3.14	.02	.07	1	9
B 59N 52+50E	1	26	5	82	.3	33	8	304	2.83	5	5	ND	1	29	.4	2	2	59	.48	.058	9	43	.84	105	.10	2	1.90	.01	.04	1	5
B 59N 53+00E BL	1	24	7	85	.2	26	8	291	2.51	2	5	ND	1	26	.2	2	2	54	.43	.040	7	40	.78	82	.10	2	1.92	.01	.04	1	2
B 59N 53+50E	1	20	2	76	.1	27	8	272	2.28	3	5	ND	1	24	.6	2	2	46	.36	.038	8	39	.67	78	.08	4	1.73	.01	.04	1	4
B 58N 47+50E	1	44	5	107	.3	20	14	366	4.18	3	5	ND	1	44	.2	3	2	92	.58	.134	5	42	.96	61	.18	6	2.48	.01	.08	1	12
B 58N 48+50E	1	53	13	101	.1	39	14	632	4.05	3	5	ND	1	49	.5	2	2	84	.87	.077	8	58	1.34	119	.14	4	2.24	.02	.13	1	3
B 58N 49+00E	1	30	5	106	.2	30	10	306	3.44	5	5	ND	1	26	.3	2	2	72	.46	.147	6	52	.71	78	.09	2	2.40	.01	.05	1	2
B 58N 49+50E	1	27	5	123	.2	33	8	527	3.03	2	5	ND	1	27	.8	2	2	59	.49	.143	6	47	.72	99	.08	2	2.04	.01	.07	1	2
B 58N 50+00E	1	25	2	89	.1	28	7	306	2.48	2	5	ND	1	27	.2	2	2	56	.47	.045	7	41	.76	87	.10	4	1.73	.01	.04	1	1
B 58N 50+50E	1	29	2	115	.2	33	10	268	2.78	5	5	ND	1	22	.3	3	2	56	.38	.066	7	44	.60	92	.09	3	2.13	.01	.05	1	2
B 58N 51+00E	1	17	4	125	.3	30	7	238	2.34	2	5	ND	1	28	.2	2	7	48	.44	.120	8	39	.56	105	.08	4	1.91	.01	.05	2	2
B 58N 51+50E	1	22	4	119	.3	28	8	480	2.42	3	5	ND	1	25	.2	2	5	51	.45	.049	7	37	.68	98	.09	4	1.66	.01	.04	1	3
B 58N 52+00E	1	29	10	77	.1	31	8	300	2.62	4	5	ND	1	27	.2	2	4	54	.43	.053	8	43	.79	97	.09	6	1.99	.01	.04	1	1
B 58N 52+50E	1	30	4	84	.1	32	9	324	2.87	2	5	ND	1	26	.3	2	2	59	.42	.051	8	43	.81	101	.09	6	2.01	.01	.04	1	2
B 58N 53+00E	1	36	5	124	.5	50	16	422	4.39	6	5	ND	1	20	.2	2	6	78	.46	.240	5	63	.85	120	.08	5	2.82	.01	.04	1	2
B 58N 53+50E	1	46	13	114	.4	38	15	1324	3.49	2	5	ND	1	30	.2	2	9	68	.46	.083	9	56	.77	140	.07	3	2.77	.01	.06	1	4
B 57N 47+50E	1	13	6	112	.1	22	8	535	2.43	2	5	ND	1	24	.3	2	2	55	.40	.115	7	41	.42	85	.10	9	1.77	.01	.04	1	3
B 57N 46+00E	1	36	5	197	.2	45	14	600	3.87	3	5	ND	1	26	1.0	2	3	69	.46	.211	6	61	.91	87	.08	11	2.77	.01	.06	1	2
B 57N 46+50E	1	30	5	76	.2	33	9	360	2.71	2	5	ND	1	30	.2	2	2	59	.53	.040	8	44	.83	98	.11	6	1.71	.02	.04	2	3
B 57N 49+00E	1	25	3	81	.1	31	7	267	2.42	2	5	ND	1	27	.2	2	3	54	.49	.047	9	39	.75	86	.11	9	1.70	.01	.04	2	3
B 57N 49+50E	1	32	6	103	.3	37	9	313	2.84	2	5	ND	1	24	.2	2	7	56	.38	.035	9	45	.76	110	.08	2	2.06	.01	.05	1	4
B 57N 50+00E	1	30	3	82	.1	30	7	260	2.43	3	5	ND	1	24	.2	2	2	53	.41	.033	8	39	.71	88	.09	7	1.83	.01	.03	2	4
B 57N 50+50E	1	35	2	78	.1	37	9	288	2.87	3	5	ND	1	28	.2	2	6	60	.48	.060	8	47	.82	107	.09	4	2.09	.01	.04	1	11
B 57N 51+00E	1	25	2	74	.1	29	8	368	2.69	2	5	ND	1	29	.2	2	3	58	.50	.045	6	45	.80	74	.10	4	1.67	.01	.04	2	3
B 57N 51+50E	1	31	8	114	.1	37	10	309	3.18	4	5	ND	1	30	.3	2	9	63	.50	.077	7	49	.84	91	.09	5	2.31	.01	.05	1	34
B 57N 52+00E	1	9	2	58	.1	9	6	234	1.82	2	5	ND	1	22	.2	3	4	46	.38	.072	7	24	.27	88	.09	2	1.09	.01	.04	2	4
B 57N 52+50E	1	29	5	85	.3	27	8	296	2.56	2	5	ND	1	26	.2	2	2	58	.44	.042	7	42	.74	101	.09	4	2.16	.01	.04	2	3
B 57N 53+00E BL	1	39	10	108	.1	41	8	265	3.04	2	5	ND	1	29	.2	2	3	62	.47	.066	8	47	.76	131	.08	2	2.36	.01	.05	1	2
B 57N 53+50E	1	28	4	106	.1	33	9	326	2.70	2	5	ND	1	25	.2	2	2	57	.40	.034	8	44	.76	106	.08	2	2.17	.01	.04	1	4
B 56N 48+50E	1	20	2	66	.1	25	7	262	2.08	2	5	ND	1	29	.2	2	2	47	.49	.036	8	34	.64	97	.10	6	1.47	.01	.03	1	4
B 56N 49+00E	1	37	7	86	.1	36	9	403	2.88	3	5	ND	1	34	.2	2	5	62	.60	.044	9	49	.91	125	.10	5	2.13	.01	.04	1	19
STANDARD C/AU-S	19	58	36	132	7.2	72	31	1022	4.13	39	18	7	37	53	18.5	16	22	55	.53	.095	38	59	.97	180	.07	36	2.01	.06	.14	11	47

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 56N 49+50E	1	43	6	109	.1	41	14	497	3.29	4	5	ND	1	36	.5	2	2	67	.56	.035	9	59	.94	137	.08	2	2.24	.01	.05	3	3
B 56N 50+00E	1	33	2	93	.1	32	12	442	2.86	2	5	ND	1	32	.3	2	2	64	.55	.048	8	52	.89	114	.09	7	2.07	.01	.05	1	2
B 56N 50+50E	1	34	2	89	.1	37	10	336	2.88	4	5	ND	1	27	.2	2	2	63	.45	.045	8	46	.84	96	.09	9	1.95	.01	.04	1	1
B 56N 51+00E	1	25	4	78	.1	29	11	337	2.59	5	5	ND	1	27	.7	2	2	58	.44	.036	7	44	.81	102	.09	2	1.86	.01	.04	1	7
B 56N 51+50E	1	25	8	86	.1	28	9	305	2.87	5	5	ND	1	27	.2	2	3	62	.45	.061	8	46	.74	101	.08	2	1.93	.01	.04	1	4
B 56N 52+00E	1	19	6	78	.1	23	11	378	2.27	4	5	ND	1	26	.2	2	3	53	.45	.051	8	37	.55	84	.08	2	1.65	.01	.04	1	2
B 56N 52+50E	1	24	2	92	.1	27	9	269	2.48	2	5	ND	1	25	.2	2	2	53	.44	.042	8	42	.76	76	.10	9	1.71	.01	.04	2	4
B 56N 53+00E	1	23	4	105	.1	32	10	357	2.50	2	5	ND	1	27	.2	2	2	54	.49	.035	8	44	.78	107	.10	2	1.78	.01	.04	2	7
B 55N 48+50E	1	38	8	95	.2	38	11	291	2.72	2	5	ND	1	27	.2	2	3	59	.49	.049	8	46	.85	99	.10	2	1.94	.01	.04	1	7
B 55N 49+00E	1	32	5	153	.1	40	16	596	3.08	3	5	ND	1	38	.6	2	2	64	.54	.044	9	52	.96	146	.08	9	2.10	.02	.06	1	6
B 55N 49+50E	1	36	7	114	.1	43	15	562	3.17	5	5	ND	1	37	.6	2	2	68	.56	.043	8	59	1.08	112	.10	3	1.98	.01	.06	1	6
B 55N 50+00E	1	42	10	130	.1	49	15	534	3.40	5	5	ND	1	39	.5	2	2	72	.58	.046	8	66	1.02	170	.08	3	2.27	.01	.06	1	3
B 55N 50+50E	1	35	6	123	.1	38	14	502	2.78	2	5	ND	1	35	.3	2	2	62	.56	.022	8	52	.88	123	.09	2	1.86	.01	.05	1	1
B 55N 51+00E	1	33	5	143	.1	35	13	532	2.91	5	5	ND	1	30	.6	2	2	59	.47	.038	10	49	.84	139	.08	2	2.14	.01	.05	1	8
B 55N 51+50E	1	18	9	102	.1	23	10	313	2.16	6	5	ND	1	27	.6	2	2	52	.51	.027	8	34	.62	104	.11	2	1.53	.01	.05	1	4
B 55N 52+00E	1	63	10	140	.3	65	16	568	3.84	5	5	ND	1	33	.6	2	2	73	.54	.066	11	69	1.04	206	.06	4	3.07	.01	.06	1	3
B 55N 53+00E	1	23	9	89	.1	31	11	425	2.83	4	5	ND	1	30	.5	2	2	51	.41	.038	11	42	.80	112	.09	2	1.66	.01	.05	1	3
B 55N 53+50E	1	29	11	83	.1	28	9	251	2.60	2	5	ND	2	28	.7	2	2	56	.47	.054	9	34	.67	99	.10	2	1.82	.01	.04	2	10
B 54N 48+50E	1	35	17	209	.3	30	14	442	4.78	6	5	ND	1	19	1.0	2	2	85	.39	.316	6	56	.74	102	.09	3	3.58	.01	.05	1	1
B 54N 49+00E	1	29	20	213	.3	48	15	350	3.50	6	5	ND	2	24	.2	2	2	58	.37	.182	10	53	.80	124	.07	5	2.69	.01	.10	1	10
B 54N 49+50E	1	44	10	102	.1	49	17	409	3.91	6	5	ND	1	28	.3	2	2	72	.52	.149	8	56	.93	108	.08	5	2.35	.01	.08	1	1
B 54N 50+00E	1	27	12	91	.1	30	12	378	2.69	2	5	ND	1	30	.2	2	2	55	.48	.045	9	42	.75	104	.10	5	1.70	.01	.04	1	1
B 54N 50+50E	2	116	21	120	.2	95	23	1174	4.50	10	5	ND	1	58	.9	2	2	86	.82	.054	29	82	1.22	264	.05	2	3.61	.01	.09	1	9
B 54N 51+00E	1	75	14	165	.1	73	22	1372	4.47	7	5	ND	1	39	.6	2	2	76	.53	.087	20	79	1.17	255	.04	2	3.98	.01	.09	1	6
B 54N 51+50E	1	94	8	128	.6	68	18	767	4.55	2	5	ND	1	58	1.3	2	4	81	.91	.037	26	78	1.01	232	.07	2	3.20	.01	.08	1	4
B 54N 52+00E	1	29	10	67	.1	28	9	298	2.42	4	5	ND	1	29	.7	2	2	52	.50	.043	10	38	.68	103	.10	2	1.63	.01	.04	2	2
B 54N 52+50E	1	85	25	241	.8	83	21	1373	4.37	4	5	ND	1	35	1.2	2	2	76	.48	.105	15	72	.85	246	.06	5	4.01	.02	.08	1	142
B 54N 53+00E	1	27	10	160	.4	28	13	425	3.20	2	5	ND	1	30	1.1	2	2	64	.53	.153	7	43	.73	147	.09	6	2.01	.01	.07	2	3
B 54N 53+50E	1	33	9	197	.2	35	19	501	4.60	5	5	ND	1	27	1.7	2	2	85	.51	.238	5	57	.85	167	.08	3	2.59	.01	.09	1	1
B 53N 49+50E	1	11	13	103	.3	10	9	1044	2.33	2	5	ND	1	30	1.1	2	2	72	.54	.080	6	31	.36	78	.10	2	2.00	.01	.04	1	1
B 53N 50+00E	1	18	16	228	.2	20	10	470	3.79	2	5	ND	1	22	1.4	2	2	82	.42	.136	5	45	.64	104	.11	3	2.86	.01	.04	1	2
B 53N 50+50E	1	71	12	114	.1	46	19	581	5.10	9	5	ND	1	31	1.0	2	2	97	.63	.073	11	55	1.27	148	.14	2	3.12	.02	.06	1	8
B 53N 51+00E	1	35	11	107	.1	32	10	244	3.18	5	5	ND	1	20	.3	2	2	61	.34	.130	7	49	.69	101	.08	4	2.87	.01	.03	1	1
B 53N 51+50E	1	27	10	83	.1	26	10	287	2.64	2	5	ND	1	25	.6	2	2	56	.37	.055	7	38	.67	123	.08	5	2.00	.01	.03	1	1
B 53N 52+00E	1	28	12	72	.1	25	8	233	2.42	2	5	ND	1	25	.9	2	2	50	.39	.058	8	38	.66	102	.09	2	1.90	.01	.04	1	3
B 53N 53+00E	1	42	29	126	.1	28	10	293	3.56	3	5	ND	1	27	1.3	2	2	82	.50	.121	6	48	.69	137	.08	3	2.77	.01	.05	2	1
STANDARD C/AU-S	18	59	42	132	7.2	69	32	1032	4.13	40	18	7	37	53	18.4	16	20	55	.53	.095	37	60	.96	180	.07	35	1.99	.06	.14	13	51

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 52N 96+00E BL	1	18	2	83	.1	25	7	253	2.55	3	5	ND	1	24	.2	3	2	53	.39	.042	7	37	.66	109	.09	3	1.85	.01	.03	1	2
B 52N 96+50E	1	14	2	87	.1	21	7	246	2.27	2	5	ND	1	24	.2	2	2	50	.40	.051	8	34	.61	81	.10	2	1.71	.01	.03	1	3
B 52N 97+00E	1	21	5	58	.1	28	10	257	2.80	2	5	ND	1	31	.2	2	2	58	.50	.037	7	41	.65	87	.10	6	1.43	.02	.05	1	2
B 51N 96+00E BL	1	21	2	64	.1	27	8	198	2.74	4	5	ND	1	26	.2	2	3	55	.37	.061	8	41	.63	114	.08	6	2.11	.02	.03	1	2
B 51N 96+50E	1	25	3	79	.1	36	9	540	2.81	2	5	ND	1	30	.2	2	2	55	.47	.054	9	41	.76	133	.09	2	1.88	.01	.05	1	1
B 50N 96+00E BL	1	29	3	79	.1	34	9	436	2.64	2	5	ND	1	34	.2	2	2	53	.57	.053	10	42	.81	128	.08	2	1.84	.01	.05	1	1
B 50N 96+50E	1	24	5	102	.1	34	10	281	3.61	9	5	ND	1	25	.2	3	2	62	.40	.211	7	45	.70	99	.08	4	2.13	.01	.05	1	1
B 50N 97+00E	1	26	8	102	.2	35	10	304	3.21	6	5	ND	1	28	.2	2	5	61	.48	.166	7	43	.68	98	.08	4	2.02	.01	.05	1	1
B 49N 96+00E BL	1	24	6	81	.2	27	9	383	2.61	2	5	ND	1	30	.2	2	4	55	.50	.054	9	34	.72	116	.09	2	1.71	.01	.04	1	2
B 49N 96+50E	1	27	3	46	.1	24	9	281	2.47	2	5	ND	1	36	.2	2	2	53	.55	.058	10	35	.75	105	.11	2	1.53	.01	.04	1	4
B 49N 97+00E	1	29	2	92	.1	33	9	406	2.77	4	5	ND	1	28	.2	2	3	53	.44	.063	9	43	.77	136	.06	2	2.22	.01	.06	1	2
B 49N 97+50E	1	21	3	82	.1	31	10	305	2.65	4	5	ND	1	28	.2	3	2	51	.45	.059	10	37	.77	102	.10	4	1.60	.01	.04	1	1
B 49N 98+00E	1	19	10	79	.1	32	9	321	2.81	3	5	ND	1	30	.2	2	2	53	.44	.049	10	40	.80	89	.11	3	1.54	.01	.05	1	2
B 48N 96+00E	1	18	4	89	.1	24	10	630	2.67	3	5	ND	1	21	.4	2	2	54	.35	.138	8	36	.47	90	.08	3	1.82	.01	.03	1	1
B 48N 96+50E	1	21	4	110	.1	35	9	280	2.88	2	5	ND	1	28	.2	2	2	54	.43	.064	10	41	.79	102	.10	2	1.79	.02	.04	1	1
B 48N 97+00E	1	18	2	90	.1	35	9	307	2.82	5	5	ND	1	26	.2	2	2	51	.35	.036	10	41	.80	97	.09	3	1.70	.01	.05	1	3
B 48N 97+50E	1	11	2	84	.1	22	7	265	2.18	2	5	ND	1	24	.2	3	2	45	.35	.039	9	33	.54	99	.08	3	1.45	.01	.04	1	1
B 48N 98+00E	1	12	2	103	.1	27	7	260	2.25	2	5	ND	1	25	.2	2	2	45	.38	.032	9	34	.67	81	.10	6	1.50	.01	.04	1	5
B 48N 98+50E	1	19	6	75	.1	31	9	314	2.91	2	5	ND	1	30	.2	2	5	54	.42	.051	10	42	.84	93	.10	3	1.68	.01	.04	1	2
B 48N 99+00E	1	20	3	98	.1	36	10	317	2.92	7	5	ND	1	28	.2	2	2	52	.40	.051	10	44	.88	104	.09	2	1.88	.01	.04	1	1
B 48N 99+50E	1	30	2	123	.1	39	10	487	3.08	2	5	ND	1	29	.2	2	2	54	.40	.066	10	50	.87	155	.06	2	2.48	.01	.07	1	1
B 47N 39+50E	1	27	4	66	.1	39	10	320	3.24	4	5	ND	1	27	.2	2	2	62	.45	.029	8	47	.74	111	.10	3	1.78	.01	.04	1	2
B 47N 40+00E	2	263	17	212	2.0	114	26	1930	7.48	20	5	ND	2	67	1.3	2	2	127	1.06	.100	40	105	1.35	460	.05	2	6.98	.02	.16	1	1
B 47N 40+50E	1	69	2	138	.3	40	14	807	3.83	7	5	ND	1	49	.2	2	2	75	.88	.045	15	51	.85	214	.08	4	2.47	.01	.08	1	1
B 47N 41+00E	1	75	5	100	.4	46	11	559	4.09	4	5	ND	1	51	.2	3	2	79	.94	.047	15	54	.87	188	.09	5	2.46	.02	.07	1	7
B 47N 41+50E	2	115	8	145	.5	68	19	910	5.01	9	5	ND	1	50	.2	2	2	98	.83	.060	19	68	1.00	254	.07	3	3.26	.02	.10	1	6
B 47N 42+00E	1	33	2	142	.2	29	13	654	3.36	5	5	ND	1	42	.4	2	2	69	.80	.049	7	37	.70	155	.09	2	1.80	.01	.06	1	1
B 47N 42+50E	1	19	2	63	.1	21	6	232	1.97	3	5	ND	1	30	.3	3	2	48	.52	.031	8	32	.66	92	.10	5	1.45	.01	.04	1	4
B 47N 43+00E	1	21	2	77	.1	22	7	324	2.17	2	5	ND	1	30	.2	2	2	51	.54	.044	8	31	.64	97	.09	3	1.61	.01	.04	1	6
B 47N 43+50E	1	45	5	127	.3	40	12	697	3.54	2	5	ND	1	40	.2	2	2	73	.67	.050	10	49	.90	194	.08	2	2.66	.01	.06	1	4
B 47N 44+00E	1	33	2	111	.1	33	12	363	3.23	6	5	ND	1	21	.2	2	2	65	.36	.099	7	42	.68	118	.10	4	2.28	.01	.04	1	1
B 47N 44+50E	1	23	6	139	.2	33	11	257	3.12	2	5	ND	1	18	.2	2	2	61	.31	.122	6	39	.49	84	.08	3	2.60	.01	.04	1	2
B 47N 46+00E	1	25	5	79	.1	24	7	209	2.94	5	5	ND	1	24	.2	2	2	59	.40	.103	8	36	.50	86	.08	4	1.79	.01	.04	1	1
B 47N 46+50E	1	27	11	120	.1	27	9	239	2.68	2	5	ND	1	21	.2	2	2	57	.38	.077	10	35	.45	102	.09	3	2.16	.01	.04	1	5
B 47N 47+00E	1	45	4	103	.1	36	10	452	3.57	4	5	ND	1	30	.2	3	2	73	.47	.066	7	49	.85	129	.10	5	2.52	.01	.05	1	5
B 47N 47+50E	1	39	5	88	.2	31	9	299	2.92	8	5	ND	1	26	.2	2	2	61	.43	.065	8	39	.73	108	.09	3	2.27	.01	.04	1	2
STANDARD C/AU-S	19	59	38	132	7.2	72	32	1057	4.06	41	18	8	39	52	18.6	16	21	57	.55	.090	39	59	1.00	181	.08	36	2.07	.06	.14	13	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 47N 48+00E	1	38	4	116	.4	29	10	401	3.05	2	5	ND	1	27	.2	2	3	61	.43	.084	7	41	.69	121	.08	4	2.22	.02	.05	1	4
B 47N 48+50E	1	56	4	143	.4	36	16	664	4.07	7	5	ND	1	36	.7	2	2	91	.73	.082	9	42	.99	175	.14	6	2.78	.02	.08	1	1
B 47N 96+00E	1	17	6	108	.2	26	12	385	2.98	5	5	ND	1	22	.2	2	2	54	.34	.211	6	38	.53	125	.07	2	2.00	.01	.05	1	1
B 47N 96+50E	1	17	4	115	.3	28	10	272	2.62	6	5	ND	1	25	.5	2	3	49	.34	.134	9	41	.58	136	.08	3	1.89	.02	.05	1	2
B 47N 97+00E	1	29	11	119	.3	45	14	511	3.22	4	5	ND	1	34	.4	2	3	54	.43	.066	10	49	.95	141	.09	2	1.98	.02	.09	1	1
B 47N 97+50E	1	20	8	96	.1	33	12	378	2.73	2	5	ND	1	30	.2	2	2	48	.39	.048	11	41	.79	108	.10	2	1.53	.02	.06	1	1
B 47N 98+00E	1	23	4	97	.1	37	12	380	2.98	2	5	ND	1	30	.2	2	2	52	.38	.050	10	45	.83	112	.10	2	1.69	.02	.06	1	2
B 47N 98+50E	1	14	2	89	.1	25	9	262	2.27	2	5	ND	1	26	.3	2	2	46	.35	.043	9	35	.59	92	.09	2	1.44	.02	.04	1	4
B 47N 99+00E	1	18	2	76	.1	26	9	278	2.44	2	5	ND	1	27	.4	2	2	47	.36	.044	10	39	.73	93	.09	2	1.57	.02	.04	1	4
B 47N 99+50E	1	13	2	74	.1	23	7	219	2.04	2	5	ND	1	26	.2	2	2	42	.37	.037	9	32	.59	88	.09	3	1.33	.02	.04	1	1
B 47N 100+00E	1	22	9	68	.1	31	13	436	2.60	6	5	ND	1	29	.2	2	2	50	.42	.060	8	41	.65	110	.09	3	1.42	.02	.07	1	1
B 47N 100+50E	1	7	4	78	.1	14	8	934	1.82	2	5	ND	1	26	.4	2	4	42	.35	.055	8	31	.23	120	.08	3	1.18	.02	.05	1	1
B 46N 43+50E	1	48	12	118	.5	41	16	550	3.68	6	5	ND	1	34	.3	2	2	76	.54	.058	10	52	.83	193	.07	2	2.53	.02	.07	1	2
B 46N 44+00E	1	24	5	144	.3	26	13	597	3.47	6	5	ND	1	23	.4	2	2	64	.42	.249	6	41	.54	90	.07	3	2.18	.01	.05	1	2
B 46N 45+50E	1	20	2	78	.1	19	7	223	2.08	3	5	ND	1	25	.2	2	2	52	.41	.038	7	29	.52	91	.09	4	1.85	.02	.03	1	1
B 46N 46+00E	1	17	2	84	.1	13	7	193	3.00	3	5	ND	1	20	.2	2	2	63	.36	.143	6	32	.38	68	.08	2	1.96	.01	.04	1	2
B 46N 46+50E	1	45	2	115	.3	39	13	275	3.43	8	5	ND	1	22	.2	2	2	70	.35	.092	6	45	.69	135	.09	2	3.02	.02	.05	1	1
B 46N 47+00E	1	25	4	77	.1	19	7	236	2.07	2	5	ND	1	22	.2	2	3	48	.37	.037	7	32	.59	85	.08	3	2.02	.02	.05	1	1
B 46N 47+50E	1	32	4	81	.2	27	12	397	2.39	2	5	ND	1	28	.2	2	2	54	.40	.040	7	39	.68	147	.06	3	2.31	.02	.05	1	1
B 46N 48+00E	1	24	3	63	.1	21	7	255	2.13	2	5	ND	1	27	.2	2	3	52	.47	.048	8	32	.63	85	.10	5	1.81	.02	.04	1	2
B 46N 48+50E	1	26	2	91	.1	21	10	421	2.39	4	5	ND	1	31	.2	2	3	56	.50	.042	8	35	.62	130	.08	2	1.92	.02	.04	1	1
B 46N 50+00E	1	68	4	152	.4	38	16	1317	3.76	4	5	ND	1	51	.4	2	4	72	.90	.057	12	48	.64	320	.06	2	2.54	.02	.14	1	1
B 46N 96+00E	1	17	2	82	.1	28	8	262	2.28	2	5	ND	1	26	.2	2	5	46	.40	.051	9	37	.64	102	.09	2	1.63	.02	.04	1	4
B 46N 96+50E	1	19	2	71	.1	30	10	360	2.45	4	5	ND	1	25	.2	2	2	47	.39	.068	8	37	.66	98	.09	4	1.45	.02	.04	1	1
B 46N 97+00E	1	20	3	69	.1	29	9	258	2.24	2	5	ND	1	29	.2	2	2	41	.40	.069	10	39	.62	99	.09	4	1.44	.02	.05	1	2
B 46N 97+50E	1	32	2	108	.3	41	14	532	3.29	3	5	ND	1	35	.2	2	2	57	.44	.074	11	49	.86	166	.07	2	2.02	.02	.07	1	1
B 46N 98+00E	1	25	4	90	.1	35	12	479	2.95	3	5	ND	1	32	.2	2	2	53	.42	.059	11	44	.83	129	.09	2	1.71	.02	.07	1	1
B 46N 98+50E	1	17	2	75	.1	27	9	299	2.37	2	5	ND	1	28	.2	2	2	47	.40	.046	10	38	.71	99	.10	3	1.52	.02	.05	1	1
B 46N 99+00E	1	20	2	114	.1	32	12	720	2.55	2	5	ND	1	28	.2	2	3	48	.39	.062	10	41	.67	135	.08	5	1.94	.02	.06	1	1
B 46N 99+50E	1	19	2	96	.1	25	8	370	2.22	2	5	ND	1	26	.2	2	2	47	.39	.041	9	36	.62	116	.09	2	1.62	.02	.04	1	1
B 46N 100+00E	1	25	3	120	.1	32	14	409	2.89	2	6	ND	2	20	.2	2	2	54	.31	.152	8	42	.55	127	.08	4	2.15	.01	.05	1	1
B 46N 100+50E	1	60	4	83	.1	39	16	450	3.70	6	5	ND	1	33	.2	2	2	72	.52	.145	6	45	.81	101	.09	4	1.96	.01	.08	1	1
B 45N 41+50E	1	28	6	69	.1	21	9	351	2.66	2	5	ND	1	29	.2	2	2	60	.49	.060	9	34	.56	112	.09	2	1.71	.02	.04	1	2
B 43+00N 38+50E	1	28	2	109	.1	25	12	460	2.74	2	5	ND	1	37	.2	2	4	62	.64	.043	8	37	.68	147	.09	2	1.77	.02	.05	1	1
B 43+00N 39+00E	1	54	2	122	.1	36	15	545	3.55	2	5	ND	1	35	.2	2	3	73	.51	.059	11	48	.86	175	.07	3	2.72	.02	.06	1	5
B 43+00N 39+50E	1	38	2	81	.1	27	11	387	2.95	3	5	ND	1	29	.2	2	2	64	.46	.053	8	39	.69	119	.09	6	2.10	.02	.04	1	4
STANDARD C/AU-S	19	58	42	132	7.3	70	32	1033	4.14	40	20	7	38	53	18.8	16	20	55	.53	.094	38	61	.96	180	.07	33	1.98	.06	.14	11	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 43+00N 40+00E	1	27	8	74	.1	21	6	279	2.38	2	5	ND	1	27	.2	2	2	57	.46	.029	7	32	.65	78	.09	4	2.05	.01	.03	1	3
B 43+00N 40+50E	.1	38	15	103	.2	29	10	464	3.01	2	5	ND	1	32	.2	2	5	65	.50	.052	8	39	.76	123	.08	3	2.18	.01	.05	2	1
B 43+00N 41+00E	1	60	11	149	.5	40	14	767	4.41	4	5	ND	1	37	.2	2	2	86	.50	.087	10	54	.88	206	.07	2	3.16	.01	.06	1	2
B 43+00N 41+50E	1	29	7	85	.1	23	8	409	2.60	2	5	ND	1	33	.2	2	2	63	.56	.045	8	33	.67	129	.10	3	1.96	.01	.04	2	5
B 43+00N 42+00E	1	37	13	116	.3	28	10	354	3.79	6	5	ND	1	31	.2	2	2	78	.51	.126	7	38	.67	107	.09	2	2.43	.01	.04	1	4
B 43+00N 42+50E	1	26	2	69	.1	23	7	338	2.64	3	5	ND	1	36	.2	2	2	64	.63	.058	7	33	.72	106	.11	2	1.66	.01	.04	1	3
B 43+00N 43+00E	1	37	11	96	.3	30	10	457	3.35	3	5	ND	1	37	.2	2	2	70	.64	.110	8	39	.76	106	.10	6	2.04	.01	.06	2	2
B 43+00N 43+50E	1	32	9	85	.1	26	9	390	2.92	3	5	ND	1	34	.3	2	2	66	.57	.080	7	34	.65	86	.10	2	1.96	.01	.05	1	5
B 43+00N 44+00E	1	35	8	90	.3	23	8	254	2.51	2	5	ND	1	25	.3	2	2	61	.44	.055	7	32	.50	93	.10	3	2.16	.01	.04	1	9
B 43+00N 44+50E	2	93	12	122	.3	54	19	1278	4.76	7	5	ND	1	54	.4	2	3	92	.98	.046	11	64	.98	231	.08	2	3.10	.01	.08	1	4
B 43+00N 45+00E	1	36	7	121	.1	27	12	501	3.81	4	5	ND	1	40	.2	2	2	82	.70	.129	6	38	.67	123	.11	5	1.91	.01	.08	2	2
B 43+00N 45+50E	1	51	10	99	.1	34	13	436	3.67	5	5	ND	1	28	.2	2	3	75	.49	.137	6	41	.77	92	.10	8	2.45	.01	.05	1	1
B 43+00N 46+00E	1	29	3	75	.1	22	7	335	2.61	2	5	ND	1	35	.2	2	2	64	.62	.058	8	32	.72	97	.12	4	1.85	.01	.04	1	7
B 43+00N 46+50E	1	30	4	79	.1	23	8	335	2.61	2	5	ND	1	36	.2	2	2	64	.62	.054	8	32	.72	96	.12	8	1.90	.01	.04	1	2
B 43+00N 47+00E	1	27	2	91	.1	21	10	414	2.48	2	5	ND	1	33	.6	2	2	62	.55	.033	8	31	.66	102	.11	3	1.94	.01	.04	1	4
B 43+00N 47+50E	1	34	6	97	.1	27	10	583	2.79	2	5	ND	1	39	.2	2	2	64	.68	.041	8	37	.80	143	.10	2	2.19	.01	.05	1	3
B 43+00N 48+00E	1	27	8	83	.1	24	7	300	2.65	2	5	ND	1	38	.2	2	2	64	.58	.050	8	33	.68	97	.10	3	1.77	.01	.04	2	5
B 43+00N 53+50E	1	41	15	110	.3	31	12	661	3.28	3	5	ND	1	33	.2	2	3	71	.52	.052	8	41	.81	133	.08	3	2.36	.01	.05	1	1
B 43+00N 54+00E	1	28	4	98	.2	24	8	361	2.66	2	5	ND	1	31	.2	2	2	62	.51	.037	7	33	.73	101	.10	2	1.91	.01	.04	1	1
B 43+00N 54+50E	1	28	2	83	.1	19	8	396	2.54	2	5	ND	1	31	.2	2	2	60	.56	.060	8	31	.70	99	.11	2	1.80	.01	.04	2	1
B 43+00N 55+00E	1	30	3	76	.2	23	7	406	2.43	2	5	ND	1	34	.4	2	3	60	.59	.050	8	32	.75	112	.10	6	1.91	.01	.04	1	6
B 43+00N 55+50E	1	31	5	134	.2	30	10	407	3.30	3	5	ND	1	30	.2	2	5	64	.54	.147	8	37	.74	126	.09	5	2.11	.01	.05	1	4
B 43+00N 56+00E	1	47	7	108	.2	35	10	518	3.28	2	5	ND	1	38	.2	2	2	68	.62	.063	9	42	.82	140	.09	4	2.22	.01	.06	1	6
B 43+00N 56+50E	1	35	5	98	.2	34	11	413	3.23	5	5	ND	1	31	.2	2	5	65	.50	.088	8	44	.76	117	.10	7	2.01	.01	.05	1	5
B 43+00N 57+00E	1	35	3	85	.1	28	12	435	2.96	4	5	ND	1	35	.4	2	3	61	.61	.065	11	44	.63	119	.10	6	1.69	.02	.04	1	1
B 43+00N 57+50E	1	62	13	103	.2	38	13	663	3.40	10	5	ND	1	46	.2	4	7	70	.76	.075	16	47	.83	126	.11	4	1.85	.02	.06	1	5
B 42+00N 34+50E	1	24	7	138	.3	20	10	393	3.62	2	5	ND	1	31	.2	2	5	76	.50	.084	7	34	.43	119	.11	5	1.67	.01	.05	1	2
B 42+00N 38+00E	1	34	8	91	.2	28	9	343	2.89	3	5	ND	1	33	.2	2	2	64	.54	.064	8	37	.71	122	.09	4	1.95	.01	.04	1	3
B 42+00N 38+50E	1	19	7	73	.1	14	6	250	2.16	2	5	ND	1	28	.2	2	5	58	.48	.047	8	30	.44	88	.10	3	1.72	.01	.04	2	93
B 42+00N 39+00E	1	37	5	87	.1	24	10	374	2.92	5	5	ND	1	32	.2	3	4	65	.49	.059	7	34	.56	107	.09	5	1.88	.01	.06	1	5
B 42+00N 40+00E	1	32	2	79	.1	25	9	398	2.91	2	5	ND	1	35	.2	2	2	67	.61	.051	8	35	.76	110	.11	5	1.94	.02	.04	2	5
B 42+00N 40+50E	1	35	11	84	.1	26	9	358	2.99	4	5	ND	1	31	.3	3	7	67	.53	.057	8	35	.70	94	.11	3	2.00	.01	.04	1	6
B 42+00N 41+00E	1	32	7	86	.1	24	9	378	2.94	2	5	ND	1	34	.2	4	7	68	.57	.064	8	36	.70	88	.11	5	2.03	.01	.04	1	5
B 42+00N 41+50E	1	37	8	94	.6	26	11	438	3.24	2	5	ND	1	34	.2	3	8	70	.56	.068	7	39	.75	85	.11	2	2.06	.01	.04	2	6
B 42+00N 42+00E	1	26	7	91	.4	18	9	447	2.61	4	5	ND	1	36	.2	4	4	66	.64	.071	7	31	.62	113	.12	5	1.90	.01	.05	1	2
B 42+00N 42+50E	1	24	7	82	.3	14	8	404	2.55	2	5	ND	1	34	.2	2	5	64	.68	.072	6	27	.64	87	.13	5	1.75	.01	.04	2	3
STANDARD C/AU-S	18	58	42	132	7.3	73	31	1034	4.13	40	25	7	38	53	18.6	14	18	56	.53	.096	38	59	.96	180	.07	32	1.98	.06	.14	11	47

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 42+00N 43+00E	1	33	3	89	.2	23	9	458	2.90	2	5	ND	1	41	.2	2	2	69	.73	.060	8	36	.78	98	.13	6	2.05	.01	.05	1	5
B 42+00N 43+50E	1	34	2	95	.1	21	10	394	3.18	2	5	ND	1	46	.2	4	2	77	.89	.083	7	34	.87	104	.15	8	2.20	.01	.05	2	2
B 42+00N 44+00E	1	32	5	67	.1	25	9	320	3.00	5	5	ND	1	35	.2	3	2	63	.58	.055	9	39	.67	89	.11	8	1.62	.02	.04	2	2
B 42+00N 44+50E	1	37	4	85	.2	27	10	428	3.61	3	5	ND	1	35	.2	4	2	80	.60	.080	7	40	.73	81	.12	5	2.18	.01	.05	1	2
B 42+00N 53+50E	1	27	6	75	.1	26	9	510	2.79	2	5	ND	1	41	.2	3	2	67	.68	.032	8	35	.78	101	.12	10	1.85	.02	.05	1	2
B 42+00N 54+00E	1	56	10	106	.5	40	12	725	3.30	2	5	ND	1	60	.5	4	2	68	.92	.047	9	48	.79	181	.08	5	2.45	.02	.06	1	10
B 42+00N 54+50E	1	52	13	131	.4	38	10	526	3.20	3	5	ND	1	50	.2	3	2	67	.79	.036	9	44	.91	166	.09	5	2.33	.02	.06	2	3
B 42+00N 55+00E	1	37	4	108	.3	30	10	490	2.93	2	5	ND	1	40	.4	3	2	63	.65	.044	9	39	.86	136	.08	10	2.21	.02	.06	1	1
B 42+00N 55+50E	1	27	5	90	.1	27	7	381	2.62	2	5	ND	1	35	.2	3	2	61	.59	.035	7	32	.77	100	.11	5	1.87	.01	.05	1	4
B 42+00N 56+00E	1	46	4	88	.2	26	9	395	2.91	2	5	ND	1	33	.2	4	2	66	.59	.053	11	36	.81	116	.11	9	2.24	.02	.05	1	4
B 39N 57+00E	1	28	4	94	.2	20	8	411	2.64	3	5	ND	1	31	.2	4	2	67	.56	.039	8	33	.63	125	.12	8	2.12	.01	.04	1	3
B 39N 57+50E	1	21	2	96	.2	17	11	557	2.68	2	5	ND	1	31	.4	2	3	67	.52	.070	7	29	.47	129	.11	11	1.85	.01	.04	2	4
B 39N 58+00E	1	29	5	148	.4	23	14	1013	3.49	3	5	ND	1	34	.4	3	2	77	.66	.080	7	37	.71	165	.11	6	2.43	.01	.07	1	3
B 39N 58+50E	1	27	2	164	.2	24	9	436	3.82	3	5	ND	1	27	.2	3	2	81	.56	.141	6	37	.67	132	.11	6	2.32	.01	.05	1	4
B 39N 59+00E	1	30	4	100	.1	26	10	458	3.12	4	5	ND	1	31	.2	2	2	70	.58	.055	7	38	.72	122	.11	6	2.04	.01	.05	1	4
B 39N 59+50E	1	31	5	92	.1	24	10	412	3.09	2	5	ND	1	32	.3	2	3	70	.56	.058	8	38	.72	112	.11	5	2.05	.01	.05	1	4
B 39N 60+00E	1	41	11	175	.5	31	15	968	4.87	9	5	ND	1	27	.2	4	4	94	.52	.265	5	41	.78	143	.10	8	2.69	.01	.08	2	6
B 39N 60+50E	1	33	12	283	.6	27	14	697	5.20	2	5	ND	1	27	.6	2	2	101	.52	.241	6	43	.86	160	.12	3	3.23	.01	.08	2	1
B 39N 61+00E	1	35	7	118	.1	29	11	959	3.31	3	5	ND	1	32	.3	3	2	69	.60	.076	7	37	.83	140	.11	7	2.05	.01	.05	1	8
B 39N 61+50E	1	50	9	249	.7	27	18	2383	4.12	7	5	ND	1	50	.3	2	2	84	.92	.168	6	37	.68	317	.09	7	2.06	.02	.07	1	5
B 38N 57+50E	1	45	10	180	.4	35	14	804	3.81	2	5	ND	1	34	.6	2	2	72	.61	.128	11	40	.70	216	.08	13	2.65	.01	.07	1	5
B 38N 58+00E	1	44	6	94	.3	27	10	407	3.45	4	5	ND	1	32	.2	2	2	77	.56	.052	7	40	.79	125	.11	14	2.58	.02	.05	1	6
B 38N 58+50E	1	32	3	137	.1	27	9	1448	3.06	2	5	ND	1	35	.2	2	2	67	.65	.091	6	34	.68	169	.10	5	1.91	.01	.07	1	12
B 38N 59+00E	1	19	4	84	.2	15	6	314	2.14	2	5	ND	1	29	.2	3	2	58	.56	.046	7	26	.52	109	.11	9	1.71	.01	.05	1	5
B 38N 59+50E	1	36	3	119	.2	33	11	397	3.63	4	5	ND	1	27	.2	2	2	76	.52	.082	7	39	.78	131	.12	5	2.36	.01	.05	1	6
B 38N 60+00E	1	25	9	125	.2	26	12	493	3.19	3	5	ND	1	35	.2	2	2	70	.65	.108	6	36	.61	133	.11	13	2.03	.01	.08	1	2
B 38N 60+50E	1	31	2	209	.5	24	12	482	4.32	6	5	ND	1	26	.2	2	4	85	.47	.198	6	38	.64	120	.11	5	3.03	.01	.06	1	4
B 38N 61+00E	1	32	7	169	.4	26	12	570	5.12	5	5	ND	1	26	.2	2	2	98	.47	.282	7	41	.78	136	.11	8	2.73	.01	.07	1	13
B 38N 61+50E	1	29	6	92	.2	26	10	546	3.08	3	5	ND	1	28	.2	2	2	69	.49	.061	7	37	.68	97	.10	4	2.05	.01	.05	1	5
B 38N 62+00E	1	23	2	113	.2	24	9	349	2.99	5	5	ND	1	26	.2	2	4	64	.52	.080	7	36	.57	81	.11	9	1.72	.01	.07	1	2
B 35N 38+00E	1	47	5	115	.1	39	13	500	3.48	5	5	ND	1	36	.2	2	2	76	.59	.059	10	44	.83	131	.11	5	2.25	.01	.06	2	5
B 35N 38+50E	1	36	4	61	.1	25	9	446	2.74	2	5	ND	1	39	.2	2	2	67	.65	.062	10	36	.75	92	.14	9	1.73	.02	.05	1	7
B 35N 39+00E	1	67	14	111	.2	45	12	641	4.07	5	5	ND	1	49	.2	2	9	85	.80	.051	14	56	.97	201	.10	4	3.17	.02	.08	1	3
B 35N 39+50E	1	24	2	57	.1	24	6	297	2.13	2	5	ND	1	35	.2	2	2	55	.64	.038	8	30	.67	97	.12	6	1.50	.01	.04	1	7
B 35N 40+00E	1	32	8	77	.1	26	9	532	2.59	2	5	ND	1	39	.2	2	2	62	.68	.050	9	35	.72	132	.11	8	1.81	.01	.05	1	2
B 35N 40+50E	1	41	8	98	.1	31	12	581	3.01	3	5	ND	1	37	.2	2	2	72	.65	.045	9	44	.82	126	.12	7	2.15	.02	.05	1	6
STANDARD C/AU-S	18	60	37	132	7.3	70	31	1024	4.13	40	19	7	38	52	18.6	16	18	55	.53	.094	37	61	.97	179	.07	34	2.00	.06	.14	11	49

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 35N 41+00E	1	53	14	140	.2	36	14	710	3.52	6	5	ND	1	43	.2	2	2	77	.73	.059	12	48	.87	193	.10	6	2.63	.01	.06	1	3
B 35+00N 50+50E	1	34	7	84	.2	25	9	357	2.49	4	5	ND	1	35	.2	2	2	63	.63	.052	9	39	.76	126	.12	6	2.16	.01	.05	1	4
B 35+00N 51+00E	1	18	5	77	.1	16	5	207	1.86	9	5	ND	1	30	.2	2	2	57	.54	.034	7	25	.46	118	.11	5	1.85	.01	.04	1	4
B 35+00N 51+50E	1	19	8	125	.6	20	9	418	2.71	2	5	ND	1	31	.2	2	5	63	.57	.099	7	33	.55	112	.11	4	1.93	.01	.06	2	2
B 35+00N 52+00E	1	27	7	91	.4	20	7	315	2.40	4	5	ND	1	38	.2	4	2	65	.69	.039	8	39	.62	165	.09	2	2.32	.01	.06	1	2
B 35+00N 52+50E	1	37	11	81	.3	27	10	375	2.94	2	5	ND	1	54	.2	2	2	73	.92	.034	8	37	.73	201	.09	6	2.54	.01	.05	1	6
B 35+00N 53+00E	1	30	10	72	.1	29	10	435	2.93	3	5	ND	1	32	.2	2	2	65	.51	.039	9	38	.78	142	.10	4	1.95	.01	.04	1	2
B 35+00N 60+50E	1	25	7	96	.3	21	7	290	2.27	3	5	ND	1	31	.2	2	2	62	.58	.036	7	32	.66	114	.11	2	2.34	.01	.04	1	1
B 35+00N 61+00E	1	28	6	92	.2	25	11	414	3.31	3	5	ND	1	35	.2	2	2	70	.55	.049	6	38	.64	140	.10	5	1.75	.01	.05	2	4
B 35+00N 61+50E	1	34	3	102	.2	32	11	386	3.74	4	5	ND	1	29	.2	2	2	78	.50	.095	6	39	.80	133	.11	2	2.48	.01	.05	1	3
B 35+00N 62+00E	1	6	2	63	.1	8	4	211	1.25	2	5	ND	1	25	.3	2	2	40	.42	.029	7	19	.24	93	.10	2	1.12	.01	.04	1	3
B 35+00N 62+50E	1	28	5	92	.1	27	10	317	3.15	2	5	ND	1	29	.2	2	4	66	.49	.091	7	40	.73	110	.10	4	2.09	.01	.05	1	1
B 35+00N 63+00E	1	39	6	67	.1	34	11	372	3.09	5	5	ND	1	42	.2	2	2	70	.73	.059	12	44	.89	146	.14	5	2.02	.02	.05	1	2
B 35+00N 63+50E	1	25	7	133	.1	26	9	308	2.39	2	5	ND	1	34	.2	2	2	55	.56	.041	8	37	.84	130	.12	3	1.96	.01	.04	1	6
B 35+00N 64+00E	1	23	2	86	.1	22	8	311	2.29	2	5	ND	1	29	.2	2	3	53	.51	.032	7	34	.73	99	.11	5	1.77	.01	.04	1	6
B 34+00N 47+00E	1	54	15	141	.2	40	17	698	3.44	4	5	ND	1	37	.2	2	2	69	.58	.084	11	45	.78	206	.08	4	2.92	.01	.07	1	3
B 34+00N 48+50E	1	22	9	146	.1	20	9	320	3.02	2	5	ND	1	26	.2	2	2	70	.48	.082	7	33	.41	116	.11	5	1.96	.01	.04	1	3
B 34+00N 49+00E	1	18	5	135	.4	19	11	1223	2.97	2	5	ND	1	30	.2	2	2	65	.53	.098	6	28	.30	120	.09	3	1.67	.01	.07	1	1
B 34+00N 49+50E	1	35	2	103	.3	33	12	360	3.48	2	5	ND	1	29	.2	2	2	73	.49	.079	6	39	.63	104	.11	6	2.46	.01	.07	1	2
B 34+00N 50+00E	1	20	5	118	.1	27	11	602	3.07	2	5	ND	1	27	.5	2	4	59	.45	.186	7	36	.56	110	.09	5	1.92	.01	.05	2	1
B 34+00N 50+50E	1	29	10	71	.1	27	9	301	2.57	2	5	ND	1	29	.2	2	2	62	.48	.051	9	33	.59	128	.11	7	2.06	.01	.04	2	6
B 34+00N 51+00E	1	18	2	103	.1	19	9	329	2.69	2	5	ND	1	32	.2	2	2	65	.55	.109	7	29	.50	95	.11	5	1.83	.01	.07	1	2
B 34+00N 51+50E	1	30	6	110	.1	23	11	609	2.74	5	5	ND	1	32	.2	2	2	63	.57	.060	8	36	.68	137	.10	9	2.02	.01	.06	2	5
B 34+00N 52+00E	1	59	7	126	.4	45	14	629	3.71	6	5	ND	1	47	.9	2	2	75	.84	.048	10	49	.83	195	.10	5	2.60	.01	.07	1	4
B 34+00N 52+50E	1	22	3	90	.2	20	8	303	2.21	2	5	ND	1	30	.3	2	2	54	.57	.053	7	28	.61	92	.11	4	1.62	.01	.04	2	4
B 34+00N 53+00E	1	31	2	111	.2	24	13	522	2.72	3	5	ND	1	36	.2	2	2	64	.60	.043	8	34	.70	126	.10	3	2.05	.01	.04	1	4
B 34+00N 53+50E	1	25	3	66	.1	22	9	359	2.53	5	5	ND	1	34	.4	2	2	63	.62	.039	7	31	.73	93	.12	4	1.77	.01	.05	1	12
B 34+00N 54+00E	1	33	5	86	.2	24	10	403	2.84	2	5	ND	1	33	.2	2	2	67	.56	.043	9	35	.78	113	.11	3	2.08	.01	.04	1	5
B 34+00N 54+50E	1	56	9	117	.2	31	18	624	3.54	4	5	ND	1	38	.2	2	2	80	.67	.048	9	42	.80	153	.09	2	2.53	.01	.05	1	5
B 34+00N 55+00E	2	59	8	80	.3	34	11	529	3.18	3	5	ND	1	50	.2	2	2	72	.94	.046	11	43	.79	165	.08	3	2.71	.01	.05	1	5
B 34+00N 55+50E	1	30	6	85	.2	29	9	375	2.35	2	5	ND	1	33	.2	2	2	52	.55	.047	8	37	.72	100	.08	3	1.91	.01	.04	1	3
B 34+00N 56+00E	1	23	10	80	.2	26	8	332	2.51	5	5	ND	1	31	.2	2	3	50	.48	.066	9	36	.68	98	.09	3	1.60	.01	.04	2	4
B 34+00N 56+50E	1	41	10	92	.1	33	11	388	2.77	4	5	ND	1	36	.2	2	2	57	.54	.058	10	42	.77	156	.08	4	2.16	.01	.06	1	1
B 34+00N 57+00E	1	37	4	95	.2	27	10	510	2.60	2	5	ND	1	29	.2	2	2	55	.48	.049	9	37	.70	123	.09	3	2.06	.01	.05	1	1
B 34+00N 57+50E	1	44	8	191	.4	29	15	1265	3.56	8	5	ND	1	33	.6	2	2	70	.56	.108	10	39	.68	197	.07	5	2.50	.01	.06	1	3
B 34+00N 58+00E	2	88	9	121	.7	46	16	711	3.65	5	5	ND	1	55	.2	2	4	73	.93	.056	18	44	.88	197	.07	2	3.19	.01	.06	2	1
B 34+00N 58+50E	2	58	11	92	.2	27	14	532	3.66	4	5	ND	1	40	.2	2	3	84	.64	.023	12	38	.85	145	.10	3	2.83	.01	.04	1	2
STANDARD C/AU-S	18	58	37	132	7.3	73	32	1023	4.14	38	22	7	38	53	18.4	15	18	55	.54	.095	37	59	.97	180	.07	35	2.02	.06	.14	11	47

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 34+00N 59+00E	1	34	8	92	.1	23	9	394	3.37	7	5	ND	1	30	.2	2	3	77	.50	.042	5	33	.62	156	.10	3	1.76	.01	.06	2	7
B 34+00N 62+00E	1	28	10	80	.2	27	8	316	3.04	4	5	ND	1	46	.2	2	2	55	.77	.044	10	45	.70	159	.09	5	1.79	.02	.04	1	1
B 34+00N 62+50E	1	55	12	96	.3	37	9	319	2.99	2	5	ND	1	57	.2	2	2	55	1.00	.048	9	45	.78	165	.09	6	1.89	.02	.05	1	2
B 34+00N 63+00E	1	53	4	99	.2	35	11	440	3.15	3	5	ND	1	48	.2	2	2	64	.83	.040	9	46	.82	146	.10	6	1.89	.02	.05	1	3
B 34+00N 63+50E	1	54	11	100	.3	38	10	464	2.98	3	5	ND	1	47	.2	2	2	61	.80	.049	11	44	.80	161	.09	2	2.11	.01	.05	1	4
B 34+00N 64+00E	1	29	2	85	.1	27	9	414	2.58	3	5	ND	1	38	.2	2	2	59	.64	.027	9	37	.75	132	.11	6	1.66	.02	.04	1	4
B 31+00N 59+00E	1	46	8	152	.4	43	15	569	4.41	6	5	ND	1	34	.2	2	2	80	.59	.237	6	41	.75	166	.08	3	2.38	.01	.06	1	6
B 31+00N 59+50E	2	23	7	105	.3	22	10	397	3.30	6	5	ND	1	24	.2	2	2	68	.49	.141	5	34	.64	125	.09	2	1.77	.01	.04	1	1
B 31+00N 60+00E	1	16	6	123	.1	24	11	427	3.16	2	5	ND	1	20	.2	2	3	69	.45	.115	5	38	.51	98	.10	5	1.73	.01	.04	1	1
B 31+00N 60+50E	2	13	14	115	.5	14	8	466	3.04	2	5	ND	2	28	.2	2	2	73	.48	.144	7	31	.41	134	.11	3	1.41	.01	.07	1	2
B 31+00N 61+00E	1	23	9	78	.1	23	8	368	2.86	4	5	ND	1	35	.2	2	2	65	.56	.066	7	36	.76	107	.11	3	1.63	.01	.05	1	2
B 31+00N 61+50E	1	20	6	64	.1	21	8	355	2.46	2	5	ND	1	38	.2	2	2	61	.62	.049	8	33	.75	103	.12	8	1.51	.01	.04	1	1
B 31+00N 62+00E	1	24	5	77	.1	21	8	289	2.35	2	5	ND	1	34	.2	2	2	60	.50	.029	8	32	.69	97	.11	12	1.73	.02	.03	1	2
B 31+00N 62+50E	1	32	7	78	.1	30	8	326	2.69	2	5	ND	1	32	.2	2	2	60	.45	.043	8	37	.79	101	.10	6	1.88	.01	.04	2	1
B 31+00N 63+00E	1	30	10	101	.1	28	8	345	2.76	3	5	ND	1	35	.2	2	2	66	.50	.037	8	40	.81	122	.10	7	2.06	.02	.05	1	1
B 31+00N 64+00E	1	28	3	61	.1	25	9	378	2.65	3	5	ND	1	47	.2	2	2	62	.71	.058	8	36	.80	92	.13	5	1.60	.01	.05	2	1
B 30+00N 57+00E	1	19	5	116	.1	23	8	462	2.30	2	5	ND	1	28	.2	2	2	53	.45	.028	8	30	.62	119	.10	2	1.51	.01	.04	1	1
B 30+00N 57+50E	1	12	9	75	.1	17	7	297	2.57	3	5	ND	1	27	.2	2	2	64	.47	.043	6	30	.45	94	.11	3	1.38	.01	.05	1	1
B 30+00N 58+00E	1	19	7	80	.2	17	6	278	2.19	2	5	ND	1	28	.2	2	2	52	.46	.047	7	28	.46	97	.10	4	1.27	.01	.05	1	2
B 30+00N 58+50E	1	27	6	94	.3	25	7	394	2.63	4	5	ND	1	35	.2	2	2	62	.54	.042	8	30	.68	110	.11	7	1.67	.01	.05	1	4
B 30+00N 59+00E	2	14	6	186	.5	14	12	769	2.81	2	5	ND	1	35	1.1	2	3	65	.63	.095	7	28	.48	174	.09	4	1.68	.01	.09	1	1
B 30+00N 59+50E	3	50	11	248	1.1	27	18	967	5.04	11	5	ND	1	35	.5	2	2	100	.58	.207	6	39	.89	152	.10	5	2.63	.01	.12	1	1
B 30+00N 60+00E	2	29	18	197	.4	22	12	474	5.30	7	5	ND	1	30	.7	2	2	123	.61	.160	5	40	.82	97	.16	4	2.36	.01	.08	1	2
B 30+00N 60+50E	2	23	18	109	.2	30	13	420	4.28	8	5	ND	1	23	.2	2	2	89	.41	.133	6	43	.65	89	.12	4	1.97	.01	.05	1	1
B 30+00N 61+00E	1	37	14	82	.3	31	10	368	2.83	9	5	ND	1	33	.2	2	2	60	.50	.020	9	38	.64	117	.10	5	1.67	.01	.04	1	1
B 30+00N 61+50E	1	32	9	64	.1	28	9	399	2.74	3	5	ND	1	42	.2	2	2	65	.63	.034	9	38	.76	105	.13	14	1.55	.02	.04	1	1
B 28+00N 47+50E	2	44	14	124	.3	32	9	396	3.35	5	5	ND	1	38	.2	2	2	75	.57	.039	9	41	.78	160	.10	2	2.01	.01	.05	1	1
B 28+00N 48+00E	1	37	17	163	.2	31	9	308	3.27	5	5	ND	1	36	.3	2	2	74	.57	.093	8	38	.65	164	.10	2	2.12	.02	.04	1	1
B 28+00N 48+50E	1	47	7	127	.4	36	9	772	3.05	5	5	ND	1	43	.4	2	2	66	.72	.044	10	40	.79	190	.10	5	2.13	.02	.05	2	1
B 28+00N 49+00E	2	79	21	197	.9	45	15	901	4.00	7	5	ND	1	60	1.1	2	2	74	1.03	.043	11	48	.86	238	.09	7	2.54	.02	.08	1	1
B 28+00N 49+50E	3	94	21	205	1.2	57	16	1003	5.00	12	6	ND	1	44	.5	2	2	94	.68	.066	13	61	.99	287	.08	2	3.34	.01	.10	2	6
B 28+00N 50+00E	1	48	13	135	.5	38	11	674	3.28	6	5	ND	1	35	.2	2	2	68	.58	.051	10	41	.85	173	.09	8	2.21	.02	.07	1	6
B 28+00N 50+50E	1	29	17	122	.4	29	9	362	2.98	6	5	ND	1	34	.3	2	2	66	.53	.040	9	40	.67	132	.10	7	1.72	.01	.05	1	1
B 28+00N 51+00E	1	37	11	142	.5	37	11	584	2.71	9	5	ND	1	43	.6	2	2	55	.52	.045	10	40	.69	143	.09	2	1.66	.01	.05	1	5
B 28+00N 51+50E	1	15	9	94	.2	21	8	277	2.96	5	5	ND	1	30	.7	2	2	68	.43	.038	6	34	.44	93	.12	4	1.49	.01	.05	1	1
B 28+00N 52+00E	1	39	12	90	.4	35	9	468	3.03	5	5	ND	1	41	.2	2	3	63	.61	.024	10	41	.71	132	.12	4	1.80	.02	.05	1	2
STANDARD C/AU-S	19	58	43	132	7.1	73	31	1031	4.03	40	21	7	38	53	19.0	15	18	55	.53	.096	38	61	.94	179	.07	37	1.95	.06	.14	11	55

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 28+00N 52+50E	3	29	10	86	.2	21	8	305	3.92	6	5	ND	1	29	.4	3	2	92	.40	.029	6	36	.51	108	.12	3	2.05	.01	.05	1	2
B 28+00N 53+00E	1	41	14	150	.1	30	17	642	4.02	8	5	ND	1	27	.2	2	2	77	.44	.166	6	40	.64	102	.08	5	2.42	.01	.05	1	5
B 28+00N 53+50E	1	22	9	123	.2	24	11	809	3.22	2	5	ND	1	25	.2	10	2	72	.45	.093	6	31	.48	117	.10	3	1.96	.01	.05	1	1
B 28+00N 54+50E	1	15	6	94	.2	15	8	241	2.63	5	5	ND	1	23	.2	2	2	63	.42	.050	6	30	.37	92	.09	8	1.62	.01	.03	1	6
B 28+00N 55+00E	1	38	4	91	.1	24	8	448	2.79	6	5	ND	1	36	.2	3	2	66	.60	.036	8	39	.69	150	.08	2	2.13	.01	.05	1	4
B 28+00N 55+50E	1	85	19	146	.8	52	12	643	3.72	7	5	ND	1	45	.3	2	2	78	.63	.044	11	61	1.02	265	.05	2	3.74	.01	.08	1	4
B 28+00N 56+00E	1	35	8	105	.2	25	8	413	2.64	2	5	ND	1	35	.4	2	4	58	.52	.028	7	36	.75	128	.08	4	2.00	.01	.05	1	6
B 28+00N 56+50E	1	26	7	94	.1	23	9	393	2.94	5	5	ND	1	35	.3	2	2	67	.56	.046	6	32	.66	105	.10	2	1.81	.01	.06	1	1
B 28+00N 57+00E	1	46	9	97	.1	28	11	617	3.17	2	5	ND	1	42	.7	2	3	71	.60	.049	9	35	.69	137	.10	2	1.93	.01	.05	2	2
B 28+00N 57+50E	1	35	6	125	.1	24	12	437	3.42	9	5	ND	1	39	.4	2	2	75	.56	.061	7	37	.71	121	.12	3	2.00	.01	.05	1	1
B 28+00N 58+00E	1	18	13	140	.2	16	11	1162	2.88	2	5	ND	1	43	.8	2	2	68	.60	.076	5	30	.42	147	.11	2	1.59	.01	.06	2	1
B 28+00N 58+50E	1	26	7	123	.1	17	13	535	2.44	3	5	ND	1	34	.3	2	2	58	.52	.055	7	32	.51	104	.08	2	1.59	.01	.05	1	1
B 28+00N 59+50E	4	60	21	213	.2	38	19	1460	4.36	4	5	ND	1	56	.8	2	8	83	.81	.085	13	48	.79	214	.08	2	2.51	.01	.07	1	2
B 28+00N 61+50E	1	59	4	97	.1	37	12	510	3.50	3	5	ND	1	49	.4	2	4	76	.66	.027	12	46	.77	169	.10	4	2.10	.01	.06	1	2
B 28+00N 62+00E	1	34	13	88	.1	27	10	399	3.46	5	5	ND	1	35	.5	2	2	76	.54	.111	7	40	.73	113	.10	4	1.88	.01	.06	1	2
B 28+00N 62+50E	1	26	7	119	.2	25	9	339	2.59	3	5	ND	1	25	.6	2	5	58	.39	.055	7	34	.55	119	.09	2	2.08	.01	.04	1	3
B 28+00N 63+00E	1	35	13	83	.1	30	9	305	3.01	2	5	ND	1	31	.2	5	2	66	.47	.064	7	38	.72	96	.11	9	2.04	.01	.04	1	3
B 28+00N 63+50E	1	11	13	81	.1	15	6	272	2.20	6	5	ND	1	22	.2	29	2	53	.31	.067	6	29	.25	100	.06	3	1.35	.01	.03	1	2
B 28+00N 66+00E	1	22	6	89	.1	25	10	425	2.69	2	5	ND	1	26	.2	3	2	57	.39	.053	9	38	.64	101	.08	2	1.65	.01	.05	1	2
B 28+00N 66+50E	1	21	8	85	.1	27	7	285	2.46	2	5	ND	1	26	.6	3	4	52	.36	.039	9	39	.71	113	.07	4	1.67	.01	.05	1	1
B 28+00N 67+00E	1	14	9	90	.1	24	7	298	2.16	2	5	ND	1	23	.4	2	2	46	.31	.027	10	35	.52	101	.08	3	1.43	.01	.03	1	1
B 28+00N 67+50E	1	25	7	99	.1	32	9	412	2.70	2	5	ND	1	30	.4	3	2	55	.43	.059	10	45	.76	128	.08	3	1.83	.01	.05	1	1
B 28+00N 68+00E	1	30	9	104	.1	39	9	408	2.92	5	5	ND	2	30	.2	2	2	56	.39	.053	11	49	.79	126	.09	3	1.79	.02	.05	1	1
B 28+00N 68+50E	1	29	11	83	.1	36	9	357	2.82	9	5	ND	2	39	.2	3	4	54	.48	.045	12	47	.83	119	.11	2	1.60	.02	.05	1	3
B 28+00N 69+00E	1	40	7	85	.1	40	11	516	3.21	6	5	ND	1	45	.4	3	2	65	.59	.074	10	47	.87	124	.11	3	1.63	.02	.06	1	2
B 27+00N 60+00E	1	23	11	95	.1	26	9	305	2.83	2	5	ND	1	29	.2	3	2	61	.46	.110	6	34	.57	111	.09	5	1.62	.01	.04	1	2
B 27+00N 61+00E	1	24	2	69	.1	21	7	269	2.41	2	5	ND	1	29	.2	3	2	57	.46	.037	7	31	.61	95	.10	3	1.54	.01	.04	1	1
B 27+00N 61+50E	1	29	12	80	.1	22	9	664	2.28	2	5	ND	1	32	.3	3	2	55	.49	.050	10	31	.50	135	.09	2	1.61	.01	.05	2	2
B 27+00N 62+00E	1	39	12	73	.1	33	12	711	2.90	2	5	ND	1	40	.2	2	2	65	.63	.049	7	41	.67	148	.10	4	1.59	.01	.06	1	1
B 27+00N 62+50E	1	38	9	66	.1	28	9	456	2.81	5	5	ND	1	38	.2	3	5	63	.53	.048	8	39	.77	108	.11	2	1.77	.01	.05	1	2
B 27+00N 63+00E	1	19	7	66	.1	20	7	218	2.08	2	5	ND	1	26	.2	3	4	51	.39	.029	7	28	.48	103	.09	3	1.64	.01	.04	1	2
B 27+00N 63+50E	1	23	2	80	.1	21	9	494	2.23	2	5	ND	1	26	.4	3	3	51	.43	.047	7	30	.52	109	.08	3	1.63	.01	.04	1	1
B 27+00N 64+00E	1	26	8	84	.1	26	8	281	2.81	3	5	ND	1	29	.2	3	3	63	.47	.065	7	34	.62	92	.10	3	1.70	.01	.04	1	1
B 27+00N 68+50E	1	33	9	82	.1	36	11	336	3.14	2	5	ND	1	30	.4	2	5	64	.47	.095	7	40	.72	103	.09	3	1.94	.01	.04	1	1
B 24+00N 52+50E	1	25	8	67	.2	32	11	351	2.84	3	5	ND	1	39	.2	3	2	67	.61	.024	6	40	.85	165	.10	4	1.98	.01	.04	1	1
B 24+00N 53+00E	1	73	10	121	.6	51	13	902	4.35	6	5	ND	1	56	.5	3	12	88	.93	.062	11	55	1.05	212	.09	2	2.99	.01	.07	1	1
STANDARD C/AU-S	18	57	42	132	7.3	72	31	1029	4.04	41	21	7	36	52	18.7	16	22	56	.52	.095	36	61	.95	181	.07	37	1.96	.06	.14	11	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 24+00N 53+50E	1	20	4	132	.2	20	10	432	3.13	5	5	ND	1	31	.2	2	2	59	.54	.121	6	34	.49	143	.09	5	1.55	.02	.05	1	1
B 24+00N 54+00E	1	33	4	96	.1	25	10	385	2.99	8	5	ND	1	34	.2	2	5	67	.52	.048	7	36	.62	126	.10	6	1.62	.02	.04	1	5
B 24+00N 54+50E	1	51	11	101	.2	35	13	590	3.61	7	5	ND	1	54	.2	3	2	77	.84	.039	11	48	.78	185	.10	5	2.12	.02	.06	2	5
B 24+00N 55+00E	1	65	10	80	.3	38	12	489	3.64	5	5	ND	1	58	.2	2	3	77	.84	.025	9	46	.83	134	.11	6	2.18	.02	.06	1	1
B 24+00N 55+50E	1	21	5	165	.1	19	10	379	3.63	3	5	ND	1	42	.2	2	2	89	.63	.142	5	35	.51	129	.13	3	1.93	.01	.07	1	2
B 24+00N 56+00E	1	23	8	98	.2	40	10	297	3.52	6	5	ND	1	31	.2	2	2	66	.49	.112	6	46	.66	125	.08	8	2.17	.01	.04	1	2
B 24+00N 56+50E	1	24	4	102	.3	26	8	302	3.43	6	5	ND	1	34	.2	2	2	72	.54	.143	6	37	.57	110	.09	3	1.97	.01	.04	2	6
B 24+00N 57+00E	1	21	10	110	.1	30	8	271	3.23	4	5	ND	1	24	.2	2	2	63	.39	.071	7	39	.57	122	.09	7	1.91	.01	.04	1	4
B 24+00N 57+50E	1	16	2	100	.3	17	7	272	2.37	3	5	ND	1	28	.2	3	2	57	.47	.054	6	29	.47	89	.10	3	1.45	.01	.04	2	1
B 24+00N 58+00E	1	11	7	103	.2	13	6	265	1.87	2	5	ND	1	25	.2	3	2	47	.42	.045	7	27	.34	98	.10	4	1.17	.01	.04	2	1
B 24+00N 58+50E	1	57	7	109	.1	44	10	542	3.87	7	5	ND	1	48	.2	2	3	75	.66	.034	14	55	.86	193	.11	2	2.35	.02	.07	1	3
B 24+00N 59+00E	1	119	4	192	.6	60	16	1128	4.76	5	5	ND	1	84	.2	2	2	89	1.17	.084	19	65	.91	355	.06	2	3.49	.02	.10	1	3
B 24+00N 59+50E	2	45	6	255	.4	36	16	1000	5.50	9	5	ND	1	52	.2	2	2	107	.71	.084	6	49	.78	202	.10	4	2.61	.01	.06	1	4
B 24+00N 60+00E	2	35	2	169	.1	34	12	583	3.97	5	5	ND	1	32	.2	2	2	81	.50	.070	5	45	.68	182	.09	4	2.43	.01	.06	1	4
B 24+00N 60+50E	1	15	2	140	.1	20	7	267	2.48	5	5	ND	1	26	.2	2	2	55	.41	.078	7	35	.53	118	.08	7	1.55	.01	.04	1	1
B 24+00N 61+00E	1	12	5	75	.1	14	5	224	2.78	2	5	ND	1	24	.2	2	2	69	.38	.092	4	28	.37	79	.09	3	1.33	.01	.04	2	2
B 24+00N 61+50E	1	17	2	98	.1	17	6	251	2.40	5	5	ND	1	27	.2	2	2	56	.47	.089	6	31	.55	81	.10	3	1.68	.01	.04	1	1
B 24+00N 62+00E	1	29	6	95	.1	39	11	313	3.00	5	5	ND	1	30	.2	2	2	63	.47	.128	7	41	.66	105	.09	5	2.02	.01	.06	1	1
B 24+00N 62+50E	1	22	3	100	.1	22	7	300	2.42	3	5	ND	1	25	.2	2	2	54	.38	.042	6	33	.54	91	.08	2	1.71	.01	.05	1	1
B 24+00N 63+50E	2	16	2	69	.1	14	7	288	2.47	5	5	ND	1	36	.2	2	2	68	.48	.023	6	31	.41	94	.07	2	1.46	.01	.04	1	1
B 24+00N 64+00E	1	26	2	99	.1	26	9	374	2.95	2	5	ND	1	31	.2	2	2	67	.46	.041	6	38	.57	125	.09	5	1.74	.01	.04	2	2
B 24+00N 64+50E	1	49	13	130	.2	36	11	328	4.04	9	5	ND	2	19	.2	2	2	86	.26	.095	7	49	.63	109	.09	2	3.10	.01	.05	1	1
B 24+00N 65+00E	1	43	12	125	.1	29	11	275	4.00	4	5	ND	1	21	.2	2	2	81	.31	.080	6	45	.48	90	.09	4	3.00	.01	.04	2	2
B 24+00N 65+50E	1	28	4	83	.1	31	9	424	2.70	4	5	ND	1	29	.2	2	2	62	.44	.024	7	39	.60	119	.10	6	1.87	.02	.03	1	1
B 24+00N 66+00E	1	27	2	69	.1	26	9	387	2.62	5	5	ND	1	33	.2	2	2	61	.52	.019	7	38	.68	125	.10	2	1.65	.02	.04	1	1
B 24+00N 66+50E	1	20	4	75	.1	20	6	271	2.30	6	5	ND	1	30	.2	2	2	57	.44	.022	7	32	.57	116	.10	5	1.44	.01	.04	1	3
B 24+00N 67+00E	1	23	2	123	.1	32	9	283	2.98	3	5	ND	1	24	.2	2	2	63	.38	.080	6	39	.57	122	.09	6	1.96	.01	.04	1	1
B 24+00N 67+50E	1	23	8	85	.2	26	7	292	2.52	5	5	ND	1	30	.2	2	2	57	.48	.055	8	34	.62	117	.10	8	1.59	.02	.05	2	2
B 24+00N 68+00E	1	21	2	74	.1	22	6	292	2.30	2	5	ND	1	30	.2	2	2	53	.46	.050	8	33	.58	107	.09	3	1.51	.01	.04	1	1
B 24+00N 68+50E	1	27	2	101	.2	24	8	410	2.49	2	5	ND	1	30	.2	2	2	56	.49	.041	8	36	.64	134	.08	4	1.76	.01	.05	1	1
B 24+00N 69+00E	1	22	2	76	.1	21	7	330	2.26	5	5	ND	1	31	.2	2	2	52	.50	.039	8	35	.63	120	.09	9	1.48	.02	.04	1	1
B 23+00N 41+00E	1	49	4	152	.3	40	10	367	3.50	2	5	ND	1	27	.2	2	2	74	.39	.062	9	41	.73	173	.08	7	2.64	.01	.05	1	1
B 23+00N 41+50E	1	27	2	111	.1	26	8	297	3.02	4	5	ND	1	30	.2	2	3	67	.49	.070	7	34	.57	131	.09	3	1.95	.01	.05	2	1
B 23+00N 42+00E	2	39	11	179	.4	32	11	443	3.72	6	5	ND	1	32	.2	2	2	80	.49	.093	7	41	.65	150	.09	3	2.71	.01	.06	1	4
B 23+00N 42+50E	2	39	6	200	.5	32	10	468	3.72	2	5	ND	1	32	.2	2	2	79	.48	.051	9	40	.68	163	.09	4	2.46	.01	.07	1	1
B 23+00N 43+00E	1	22	4	92	.3	19	7	308	2.74	4	5	ND	1	31	.2	2	2	68	.45	.039	6	32	.43	144	.08	4	1.53	.01	.05	1	1
STANDARD C/AU-S	18	58	38	132	7.3	72	29	1031	4.10	39	24	7	37	53	18.3	16	18	55	.53	.096	38	61	.95	180	.07	38	1.97	.06	.14	11	46

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 23+00N 43+50E	1	67	4	132	.2	41	10	341	3.11	2	5	ND	1	30	.2	2	2	68	.44	.046	11	51	.97	157	.09	4	3.00	.02	.07	1	1
B 23+00N 44+00E	1	43	2	149	.2	34	11	531	3.92	6	5	ND	1	29	.2	2	3	79	.50	.155	7	44	.94	141	.09	6	2.48	.01	.07	1	1
B 23+00N 44+50E	1	37	7	115	.4	30	10	429	3.76	4	5	ND	1	29	.3	2	2	77	.47	.059	7	37	.63	141	.09	2	2.16	.01	.05	1	4
B 23+00N 45+00E	1	72	2	106	.2	44	11	351	3.18	5	5	ND	1	33	.2	2	4	69	.50	.049	9	47	.82	177	.09	6	2.80	.01	.06	1	2
B 23+00N 45+50E	1	48	6	89	.1	32	10	454	2.95	3	5	ND	1	34	.2	2	2	68	.55	.040	10	42	.79	173	.08	2	2.43	.01	.05	1	2
B 23+00N 46+00E	1	67	7	116	.1	47	13	613	3.51	6	5	ND	2	41	.2	2	2	75	.66	.060	12	50	.86	247	.09	2	2.80	.02	.06	2	5
B 23+00N 46+50E	1	26	7	67	.1	20	7	338	2.28	2	5	ND	1	33	.2	3	2	57	.54	.047	9	32	.64	118	.11	3	1.54	.01	.04	1	4
B 23+00N 53+50E	1	20	3	87	.1	17	9	547	2.86	7	5	ND	1	31	.2	2	2	74	.49	.089	6	33	.47	184	.10	3	1.47	.01	.04	1	1
B 23+00N 54+00E	1	18	3	110	.1	17	9	582	2.53	6	5	ND	1	27	.2	2	2	60	.45	.053	7	31	.45	149	.09	2	1.42	.01	.05	1	1
B 23+00N 54+50E	1	21	10	112	.2	21	12	1101	2.70	4	5	ND	1	32	.2	2	2	63	.55	.118	6	34	.43	146	.08	4	1.64	.01	.06	1	5
B 23+00N 55+00E	1	29	2	105	.1	22	11	734	2.91	8	5	ND	1	31	.3	3	2	65	.53	.093	6	36	.59	117	.09	5	1.57	.01	.06	1	1
B 23+00N 55+50E	1	22	2	154	.2	28	9	337	2.90	4	5	ND	1	27	.3	2	2	61	.47	.079	6	37	.55	93	.09	5	1.61	.01	.06	1	4
B 23+00N 56+00E	1	16	2	143	.1	22	10	462	3.27	4	5	ND	1	24	.2	2	2	65	.39	.135	6	38	.50	122	.09	2	1.90	.01	.05	1	5
B 23+00N 56+50E	1	18	8	202	.1	19	14	677	4.07	3	5	ND	1	34	.2	2	2	89	.51	.148	6	37	.50	130	.11	3	1.84	.01	.07	1	1
B 23+00N 57+00E	1	23	13	406	.1	18	17	2233	3.84	2	5	ND	1	53	1.7	2	2	77	.78	.162	6	34	.59	272	.10	2	1.97	.01	.09	1	1
B 23+00N 57+50E	1	29	6	141	.1	25	12	631	3.27	5	5	ND	1	43	.2	2	2	79	.62	.051	7	40	.70	167	.10	4	1.98	.01	.06	1	2
B 23+00N 58+00E	1	26	9	80	.1	27	9	306	2.97	4	5	ND	1	29	.2	2	2	63	.40	.059	7	40	.61	88	.10	8	1.98	.01	.04	1	3
B 23+00N 58+50E	1	25	2	54	.1	27	8	238	2.61	2	5	ND	1	29	.2	2	2	54	.37	.049	8	41	.64	99	.10	2	1.81	.01	.04	1	5
B 23+00N 59+00E	1	19	2	96	.2	23	8	212	2.93	2	5	ND	1	24	.2	2	2	66	.36	.058	7	37	.49	97	.10	3	2.06	.01	.04	1	1
B 23+00N 59+50E	1	18	6	58	.1	21	6	191	2.62	5	5	ND	1	22	.2	2	2	60	.33	.037	6	35	.46	95	.09	2	1.88	.01	.04	1	2
B 23+00N 60+00E	1	23	4	113	.1	24	8	302	2.74	4	5	ND	1	26	.2	2	2	62	.42	.062	7	35	.65	142	.10	7	2.04	.01	.05	1	2
B 23+00N 60+50E	1	24	4	69	.1	22	7	289	2.31	6	5	ND	1	33	.2	2	2	55	.51	.036	8	33	.64	103	.10	5	1.52	.01	.04	1	1
B 23+00N 61+00E	2	25	2	192	.2	21	10	311	3.01	4	5	ND	1	31	.2	2	2	68	.45	.041	8	36	.61	128	.09	3	1.91	.01	.05	1	1
B 23+00N 61+50E	1	43	11	175	.1	29	12	551	3.28	8	5	ND	1	47	.3	2	2	70	.68	.045	9	45	.71	181	.09	2	2.18	.01	.05	1	2
B 23+00N 62+00E	1	18	2	129	.1	23	8	288	2.73	3	5	ND	1	30	.2	2	2	60	.47	.089	7	36	.53	113	.09	2	1.67	.01	.04	1	1
B 23+00N 62+50E	1	28	2	111	.1	25	10	383	3.10	3	5	ND	1	35	.2	2	2	67	.53	.059	7	38	.61	141	.09	3	1.78	.01	.04	1	1
B 23+00N 63+00E	2	66	7	149	.7	52	15	1911	4.19	9	5	ND	1	80	1.0	2	2	84	1.21	.045	15	54	.64	219	.08	2	2.77	.01	.06	1	1
B 23+00N 63+50E	1	42	12	152	.2	37	11	367	4.28	7	5	ND	1	31	.2	2	2	86	.42	.077	7	51	.77	100	.09	5	2.74	.01	.06	1	2
B 23+00N 64+00E	1	21	6	93	.1	29	9	265	3.22	6	5	ND	1	28	.2	2	2	68	.44	.058	6	37	.56	103	.10	5	1.95	.01	.04	1	1
B 23+00N 64+50E	1	29	2	90	.1	26	8	262	2.85	3	5	ND	1	26	.2	2	2	62	.42	.085	6	36	.58	106	.10	3	1.94	.01	.05	1	2
B 23+00N 65+00E	1	29	10	91	.1	28	8	326	2.70	2	5	ND	1	28	.5	2	2	60	.45	.077	6	34	.60	96	.09	7	1.76	.01	.05	1	2
B 23+00N 65+50E	1	31	4	88	.1	28	9	304	2.93	7	5	ND	1	29	.2	2	2	65	.47	.067	7	39	.65	97	.10	2	1.76	.01	.05	1	3
B 23+00N 66+00E	1	48	7	101	.2	38	11	540	3.27	9	5	ND	1	38	.2	2	2	74	.52	.039	12	57	.89	208	.08	4	2.63	.01	.06	1	1
B 23+00N 66+50E	1	21	4	157	.1	25	10	267	2.95	3	5	ND	1	26	.2	2	2	62	.42	.058	7	36	.54	128	.09	5	1.91	.01	.05	1	5
B 23+00N 67+00E	1	16	3	222	.1	23	9	388	2.99	4	5	ND	1	24	.2	2	2	62	.41	.159	6	36	.51	130	.09	2	1.94	.01	.05	1	1
B 23+00N 67+50E	1	9	2	103	.1	12	5	178	1.76	2	5	ND	1	26	.5	2	2	45	.40	.067	7	27	.33	80	.09	4	1.12	.01	.04	1	1
STANDARD C/AU-S	19	58	44	132	7.3	70	31	1018	4.12	41	21	7	38	52	18.0	15	18	57	.53	.098	38	61	.96	181	.08	38	1.97	.06	.14	11	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 23+00N 68+00E	1	26	4	143	.1	29	10	387	2.89	5	5	ND	1	31	.5	5	2	64	.47	.040	8	38	.66	135	.10	5	1.74	.01	.05	1	3
B 23+00N 68+50E	1	19	3	85	.1	23	8	391	2.39	4	5	ND	1	35	.2	3	2	54	.52	.041	8	35	.69	111	.11	5	1.43	.01	.04	1	4
B 23+00N 69+00E	1	21	4	142	.1	27	10	500	2.56	2	5	ND	1	30	.2	3	3	57	.48	.054	8	36	.55	130	.09	6	1.55	.01	.05	1	3
B 21+00N 41+00E	2	52	10	219	.4	45	13	499	4.12	11	5	ND	1	28	.3	3	2	69	.46	.291	6	39	.75	159	.07	4	2.63	.01	.06	1	7
B 21+00N 41+50E	1	34	2	100	.1	32	9	441	2.71	3	5	ND	1	39	.2	3	2	64	.70	.052	9	39	.71	153	.10	5	1.86	.02	.05	1	2
B 21+00N 42+00E	1	17	3	109	.1	18	7	225	2.75	2	5	ND	1	24	.7	2	2	67	.43	.108	6	31	.46	98	.10	5	1.74	.01	.04	1	2
B 21+00N 42+50E	1	32	2	111	.1	29	7	288	3.10	5	5	ND	1	29	.2	2	2	72	.46	.065	7	38	.65	151	.09	8	2.35	.02	.05	1	1
B 21+00N 43+00E	1	20	2	59	.1	19	4	239	1.89	2	5	ND	1	28	.2	2	2	53	.49	.033	7	26	.58	88	.10	5	1.50	.01	.03	1	1
B 21+00N 43+50E	1	31	2	81	.1	23	6	282	2.20	2	5	ND	1	30	.2	2	2	55	.48	.035	7	33	.66	118	.10	4	1.87	.01	.04	1	4
B 21+00N 44+00E	1	26	2	78	.1	22	6	234	2.13	2	5	ND	1	27	.3	2	2	52	.38	.042	7	35	.59	117	.08	2	1.65	.01	.04	1	3
B 21+00N 44+50E	1	27	2	83	.1	26	6	264	2.40	3	5	ND	1	27	.2	2	2	59	.43	.048	8	40	.61	123	.09	4	1.78	.01	.04	1	2
B 21+00N 45+00E	1	31	2	92	.1	22	6	281	2.27	2	5	ND	1	29	.2	2	2	58	.43	.027	8	36	.62	146	.08	4	1.97	.01	.04	1	3
B 21+00N 45+50E	1	28	3	76	.1	22	6	267	2.43	3	5	ND	1	27	.2	3	2	60	.42	.036	7	35	.62	133	.08	9	1.87	.02	.04	1	1
B 21+00N 46+00E	1	38	2	79	.1	28	7	257	2.49	3	5	ND	1	27	.2	2	2	60	.40	.032	7	37	.65	127	.08	2	2.30	.01	.04	1	4
B 21+00N 46+50E	1	28	4	82	.1	25	6	259	2.16	2	5	ND	1	27	.2	3	2	54	.42	.029	7	32	.61	132	.08	4	1.89	.01	.04	1	6
B 21+00N 47+00E	1	27	2	82	.1	26	7	271	2.28	2	5	ND	1	27	.2	2	2	56	.41	.030	7	31	.62	135	.08	2	1.85	.01	.04	1	6
B 21+00N 47+50E	1	26	5	76	.1	20	6	304	2.22	3	5	ND	1	28	.2	3	2	55	.42	.035	7	33	.60	104	.08	4	1.68	.01	.04	1	5
B 21+00N 48+00E	1	28	2	83	.1	28	8	450	2.61	3	5	ND	1	28	.2	3	2	60	.43	.048	8	35	.63	116	.09	6	1.63	.01	.05	1	7
B 21+00N 48+50E	1	18	2	92	.1	18	6	669	2.03	2	5	ND	1	28	.2	2	2	49	.43	.063	6	28	.37	115	.08	6	1.25	.01	.05	1	1
B 21+00N 49+00E	1	21	4	110	.2	21	7	258	2.45	4	5	ND	1	25	.2	2	2	62	.42	.044	7	33	.42	104	.09	5	1.67	.01	.03	1	1
B 21+00N 49+50E	1	50	2	136	.1	51	10	471	3.35	4	5	ND	1	54	.6	2	2	70	.89	.040	11	54	.77	199	.09	3	2.35	.01	.06	1	7
B 21+00N 50+00E	1	44	6	111	.1	39	11	508	3.33	6	5	ND	1	40	.2	2	2	69	.56	.032	11	45	.72	173	.09	7	2.05	.02	.05	1	4
B 21+00N 50+50E	1	64	2	122	.1	39	14	751	3.55	7	5	ND	1	38	.2	2	6	78	.58	.052	16	46	.77	168	.08	12	2.17	.02	.07	1	7
B 21+00N 56+50E	1	24	3	139	.1	25	8	311	2.76	4	5	ND	1	28	.3	2	2	57	.46	.123	7	35	.58	119	.08	9	1.75	.01	.05	1	3
B 21+00N 57+00E	1	25	2	88	.1	24	7	315	2.43	2	5	ND	1	33	.3	2	2	57	.47	.026	8	38	.62	153	.08	4	1.63	.01	.04	1	2
B 21+00N 57+50E	2	31	2	105	.1	28	10	363	2.90	4	5	ND	1	35	.3	3	2	62	.52	.071	8	38	.65	162	.08	11	1.76	.02	.05	1	5
B 21+00N 58+00E	2	21	5	265	.3	18	11	459	4.24	7	5	ND	1	30	1.2	2	2	82	.50	.229	6	35	.55	126	.09	3	2.05	.01	.09	1	2
B 21+00N 58+50E	1	13	2	73	.1	14	6	208	1.57	3	5	ND	1	21	.2	3	2	38	.29	.016	7	24	.41	80	.08	2	1.07	.01	.04	1	5
B 21+00N 59+00E	1	15	8	55	.1	22	6	219	1.91	3	5	ND	1	26	.4	2	2	45	.38	.021	7	32	.45	96	.08	4	1.09	.01	.03	1	3
B 21+00N 59+59E	1	13	5	58	.1	19	6	216	1.64	5	5	ND	1	24	.2	2	2	39	.35	.026	7	26	.38	111	.08	2	.93	.01	.04	1	3
B 21+00N 60+00E	1	25	5	83	.1	29	9	223	2.53	6	5	ND	1	25	.2	2	2	53	.32	.023	8	37	.50	136	.08	4	1.56	.01	.03	1	4
B 21+00N 60+50E	1	13	6	75	.1	15	4	133	1.63	7	5	ND	1	22	.2	2	2	44	.31	.015	7	27	.34	114	.08	2	1.22	.01	.03	1	4
B 21+00N 61+00E	1	26	2	98	.1	25	6	255	2.35	8	5	ND	1	24	.2	3	2	54	.34	.064	6	33	.56	118	.08	6	1.78	.01	.04	1	5
B 21+00N 61+50E	1	15	5	101	.1	17	5	187	1.86	4	5	ND	1	23	.2	2	2	46	.35	.028	6	24	.38	95	.08	3	1.49	.01	.03	1	2
B 21+00N 62+00E	1	17	2	96	.1	20	8	620	2.47	4	5	ND	1	30	.7	2	3	58	.47	.039	6	32	.46	116	.08	3	1.34	.01	.04	1	5
B 21+00N 63+00E	1	41	12	120	.3	41	9	545	2.95	6	5	ND	1	51	.2	3	3	63	.73	.026	7	47	.74	179	.08	4	2.07	.01	.05	1	3
STANDARD C/AU-S	18	57	38	132	7.2	72	30	1021	3.95	43	20	6	36	52	18.9	15	17	55	.51	.092	36	59	.91	183	.07	33	2.02	.06	.14	13	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 21N 63+50E	1	15	2	126	.1	21	7	222	2.19	3	5	ND	1	28	.2	3	2	52	.43	.049	6	32	.47	105	.09	7	1.37	.01	.04	1	1
B 21N 64+00E	1	25	2	75	.1	26	8	333	2.63	6	5	ND	1	27	.2	2	6	59	.41	.049	7	37	.60	92	.10	6	1.34	.01	.04	1	1
B 21N 64+50E	1	20	2	68	.1	28	7	245	2.11	2	5	ND	1	26	.2	2	2	47	.37	.029	7	35	.58	91	.09	5	1.22	.01	.03	1	2
B 21N 65+00E	1	22	8	75	.1	28	9	300	2.34	6	5	ND	1	31	.2	2	2	55	.44	.035	7	36	.60	95	.10	5	1.30	.01	.04	1	40
B 21N 65+50E	1	20	6	100	.1	25	9	252	2.98	3	5	ND	1	27	.2	3	2	69	.40	.061	7	37	.64	89	.11	10	1.70	.01	.04	1	1
B 21N 66+00E	1	23	6	80	.1	27	10	456	2.62	3	5	ND	1	29	.2	2	5	58	.42	.054	8	35	.61	104	.09	7	1.44	.01	.05	1	4
B 21N 66+50E	1	25	7	79	.1	27	8	356	2.37	4	5	ND	1	30	.2	2	2	52	.43	.029	8	36	.67	100	.10	2	1.40	.01	.04	1	1
B 21N 67+00E	1	30	4	80	.1	33	9	324	2.59	2	5	ND	1	36	.2	2	3	56	.48	.045	10	42	.78	116	.10	5	1.68	.02	.05	1	1
B 21N 67+50E	1	23	5	63	.1	26	8	327	2.28	3	5	ND	1	35	.2	7	2	51	.49	.046	10	35	.68	91	.11	8	1.32	.02	.05	1	2
B 21N 68+00E	1	45	9	84	.1	36	12	569	3.07	4	5	ND	1	42	.2	2	2	64	.57	.057	11	45	.80	145	.10	6	1.69	.02	.06	1	3
B 21N 68+50E	1	23	11	94	.1	27	9	342	2.46	5	5	ND	1	36	.3	2	3	58	.44	.030	11	37	.57	137	.09	8	1.43	.01	.04	1	3
B 21N 69+00E	1	24	6	94	.2	26	10	443	2.41	6	5	ND	1	35	.2	2	4	55	.49	.035	9	38	.63	122	.09	5	1.47	.01	.04	1	1
B 20N 56+00E	2	21	8	276	.5	23	16	822	5.02	5	5	ND	1	23	.5	4	2	99	.41	.224	5	42	.72	178	.10	6	2.41	.01	.06	1	2
B 20N 56+50E	1	21	6	251	.3	28	14	954	3.91	4	5	ND	1	28	.2	2	3	79	.46	.122	6	39	.68	129	.10	2	2.01	.01	.07	1	1
B 20N 57+00E	2	30	12	142	.2	40	11	365	3.94	7	5	ND	1	25	.2	2	2	74	.42	.156	7	44	.67	114	.08	8	2.24	.01	.06	1	2
B 20N 57+50E	1	10	8	103	.1	16	7	265	1.85	3	5	ND	1	29	.2	2	3	45	.44	.052	7	27	.35	95	.09	7	1.13	.01	.05	1	1
B 20N 58+50E	1	26	12	178	.1	37	14	519	3.51	7	5	ND	1	26	.2	2	2	64	.42	.205	6	42	.62	128	.08	7	1.87	.01	.05	1	2
B 20N 59+00E	1	25	15	65	.1	25	9	414	2.53	2	5	ND	1	29	.2	2	2	58	.38	.029	9	38	.50	126	.08	6	1.61	.01	.04	2	1
B 20N 59+50E	1	11	3	55	.1	22	7	203	2.14	2	5	ND	1	26	.2	2	5	48	.32	.041	7	34	.33	113	.08	5	1.25	.01	.02	1	1
B 20N 60+00E	1	18	5	116	.1	25	9	244	2.59	5	5	ND	1	34	.2	2	2	52	.46	.039	7	39	.45	90	.08	10	1.32	.01	.04	1	1
B 20N 61+00E	1	15	7	83	.1	21	5	205	2.09	2	5	ND	1	26	.2	2	3	48	.40	.049	7	32	.49	92	.08	5	1.37	.01	.04	1	1
B 20N 61+50E	1	31	3	93	.3	27	8	301	2.99	8	5	ND	1	33	.2	2	2	61	.51	.109	7	39	.70	103	.07	7	1.85	.01	.05	1	2
B 20N 62+00E	1	36	70	84	.1	34	9	329	2.92	5	5	ND	1	34	.2	209	2	58	.44	.071	9	44	.68	125	.08	8	1.74	.02	.05	1	4
B 20N 62+50E	1	19	7	56	.1	25	7	214	2.15	3	5	ND	1	27	.2	2	2	46	.38	.042	8	36	.51	82	.08	8	1.34	.01	.03	1	2
B 20N 63+00E	1	13	4	69	.1	17	6	259	1.86	3	5	ND	1	23	.2	2	2	43	.34	.038	9	31	.45	107	.08	13	1.24	.02	.03	1	1
B 20N 63+50E	1	25	5	79	.1	32	9	272	2.13	2	5	ND	1	31	.2	2	2	48	.43	.018	9	41	.61	122	.09	2	1.56	.01	.03	1	1
B 20N 64+00E	1	30	6	88	.1	35	10	382	2.83	5	5	ND	2	45	.2	2	2	59	.58	.047	10	45	.73	141	.10	2	1.75	.02	.04	1	2
B 20N 64+50E	1	23	7	86	.1	30	8	308	2.60	4	5	ND	1	34	.2	2	2	55	.45	.055	9	39	.72	108	.10	7	1.55	.01	.05	1	1
B 20N 65+00E	1	25	5	94	.1	28	9	395	2.75	2	5	ND	1	34	.2	2	2	58	.47	.068	9	39	.69	116	.09	11	1.53	.01	.05	1	1
B 20N 65+50E	1	20	8	120	.1	25	9	346	2.42	2	5	ND	1	26	.2	2	2	55	.40	.069	7	36	.56	113	.08	4	1.69	.01	.06	1	1
B 19N 47+50E	1	25	7	70	.1	24	7	311	2.40	4	5	ND	1	29	.2	2	2	57	.46	.050	8	33	.61	101	.09	2	1.51	.01	.05	1	1
B 19N 48+00E	1	32	6	74	.1	36	9	386	2.60	6	5	ND	1	43	.4	2	2	59	.70	.032	10	39	.65	146	.08	7	1.91	.01	.06	1	1
B 19N 48+50E	1	51	13	127	.3	46	12	655	3.47	6	5	ND	1	53	.2	2	2	68	.75	.047	11	48	.66	178	.08	8	2.15	.01	.06	1	1
B 19N 49+50E	1	46	8	114	.1	40	15	766	3.69	4	5	ND	1	51	.2	2	2	83	.76	.032	13	47	.68	159	.09	6	2.34	.01	.08	1	1
B 19N 50+00E	1	87	19	215	.4	46	19	1743	4.81	9	5	ND	1	55	.4	2	2	100	.71	.085	11	57	.88	243	.09	5	3.69	.01	.11	1	1
B 19N 51+00E	1	23	8	118	.1	27	13	783	2.87	2	5	ND	1	40	.2	2	2	64	.65	.066	6	38	.47	156	.08	8	1.52	.01	.08	1	1
STANDARD C/AU-S	19	59	37	132	7.3	73	32	1020	4.13	41	19	7	38	52	18.6	15	19	57	.53	.097	39	59	.95	180	.08	32	2.00	.06	.14	11	54

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Be ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 19+00N 51+50E	2	36	2	167	.4	36	10	718	3.47	4	5	ND	1	29	2.3	3	2	69	.51	.054	6	37	.52	101	.06	2	2.01	.01	.05	1	1
B 19+00N 52+00E	1	19	2	82	.3	26	8	894	2.63	2	5	ND	1	25	.3	2	4	59	.43	.061	5	29	.45	143	.08	2	1.33	.01	.04	1	2
B 19+00N 53+00E	1	36	2	81	.1	29	9	465	2.60	5	5	ND	1	34	.2	2	2	53	.64	.052	6	31	.57	83	.09	3	1.24	.01	.09	1	2
B 19+00N 53+50E	1	49	2	201	.7	22	16	1243	4.57	2	6	ND	1	72	.2	2	2	87	1.08	.121	4	25	1.14	176	.18	2	2.75	.01	.22	1	2
B 19+00N 55+00E	1	11	2	112	.4	16	7	978	1.97	2	5	ND	1	33	.6	2	2	45	.60	.076	5	24	.35	153	.09	2	1.05	.01	.07	1	1
B 19+00N 55+50E	3	31	2	163	.6	41	12	491	3.96	10	5	ND	1	30	.2	5	2	69	.44	.174	6	40	.62	150	.07	4	2.03	.01	.07	1	7
B 19+00N 69+00E	1	15	3	114	.3	17	7	447	2.55	4	5	ND	1	35	.2	2	2	60	.53	.059	6	28	.36	124	.08	5	1.28	.01	.05	1	1
STANDARD C/AU-S	19	57	38	132	7.1	73	29	1033	4.17	39	22	7	37	53	18.1	15	22	55	.53	.093	37	60	.95	179	.08	34	2.02	.06	.14	11	52

APPENDIX V

SKETCHES OF TRENCHES

DATE: July 9, 1990	PROJECT: B10
SAMPLED BY: EVR, A.L.	

COORDINATES / LOCATION:
BOB 75N 119+50E

TRENCH Nº:
75N 119+50E

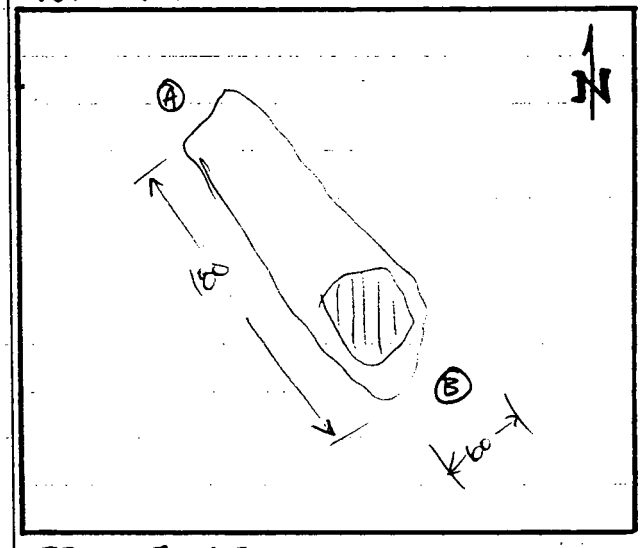
GENERAL DESCRIPTION:

- in forrest
- gold high only – placer?

ANOMALY IV

	Cu ppm	Au ppb
B	94	3
A	118	7

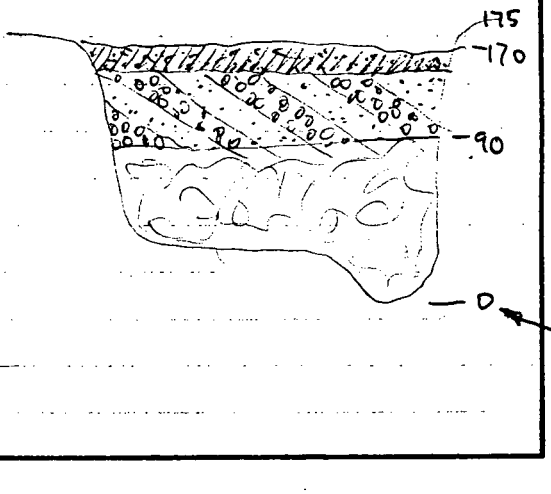
TOP VIEW:



DEPTH:

FROM:	TO:	
170	175	– Bf reddish gravel
90	170	– glacial till gravel in alternate coarse/fine layers
0 cm	90	– hard pan/clay

PROFILE VIEW:



SAMPLE:

Cu Au

75N 119+50 B 74

75N 119+50 A 49

BEDROCK DESCRIPTION:

NONE

DATE: July 9, 1990	PROJECT: B10
SAMPLED BY: EVP, P.N, A.L.	

COORDINATES / LOCATION: 78N 111+50E

TRENCH No: 78N 111+50E

GENERAL DESCRIPTION:

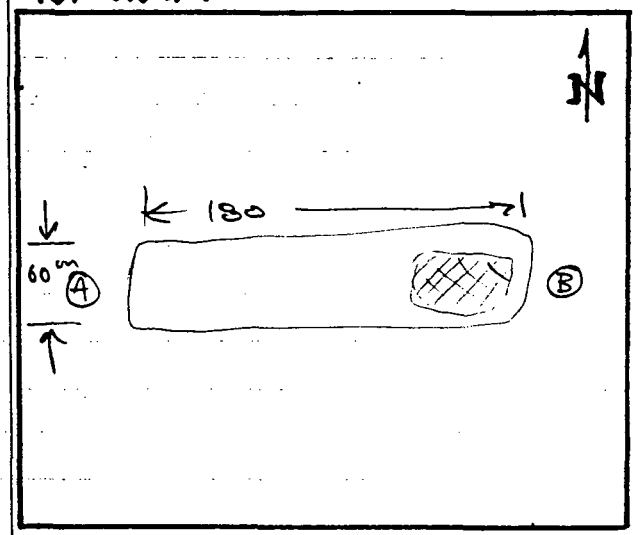
ANOMALY IV

- clear cut area

Results

	Cu ppm	Au ppb
C	49	7
B	90	6
A	78	5

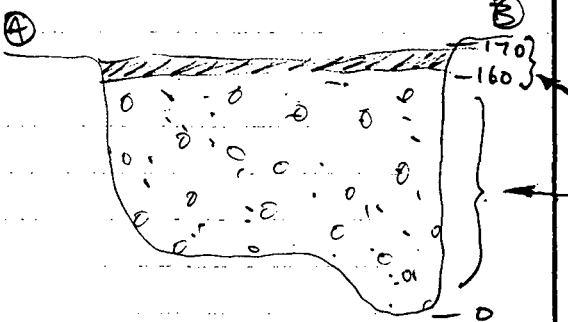
TOP VIEW:



DEPTH:

FROM:	TO:	
160	170	- Bf, poor devel.
0 cm	160	- very hard pan compacted clay

PROFILE VIEW:



SAMPLE:

78N 111+50E C 49 (7

78N 111+50E B 90 (6

78N 111+50E A 78 (5

BEDROCK DESCRIPTION:

DATE: July 9th	PROJECT: BOB 1
SAMPLED BY: P. NEEDHAM	

COORDINATES / LOCATION: 74+00N, 117+00E	TRENCH №: 74+00N, 117+00E

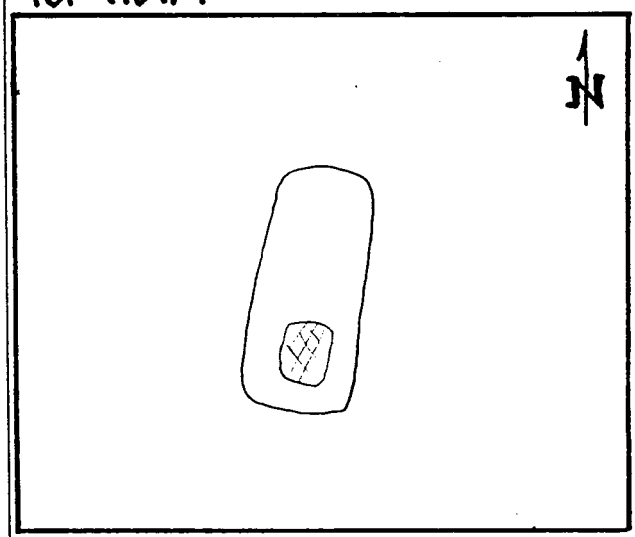
GENERAL DESCRIPTION:

ANOMALY IV

Results

	Cu ppm	Au ppb
B	124	7
A	111	2

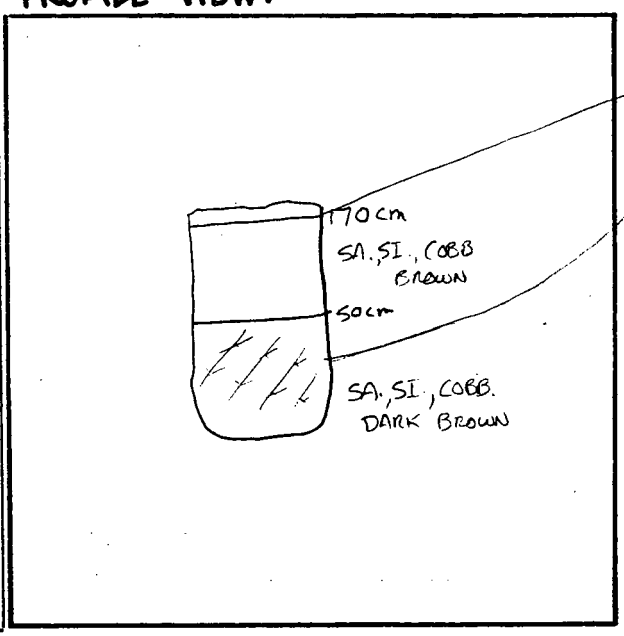
TOP VIEW:



DEPTH:

FROM:	TO:
0 cm	

PROFILE VIEW:



SAMPLE:

B 124 (7)

A 111 (2)

BEDROCK DESCRIPTION:

N/A

DATE: July 6, 1990	PROJECT: BIO
SAMPLED BY: Ernest von Rosen Peter Needham	

COORDINATES / LOCATION: BOB 1 – 78N 114+00E

TRENCH №: 78N 114+00E

GENERAL DESCRIPTION:

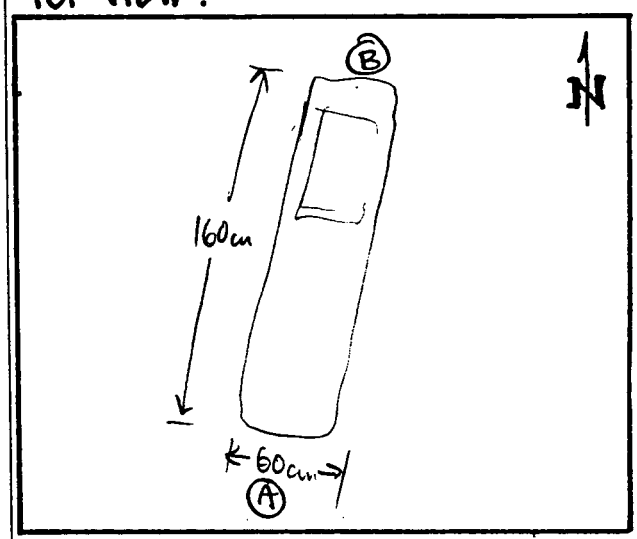
ANOMALY IV

- open clear cut

Results

	Cu ppm	Au ppb
D	130	7
B	60	2
A	92	3
C	101	22

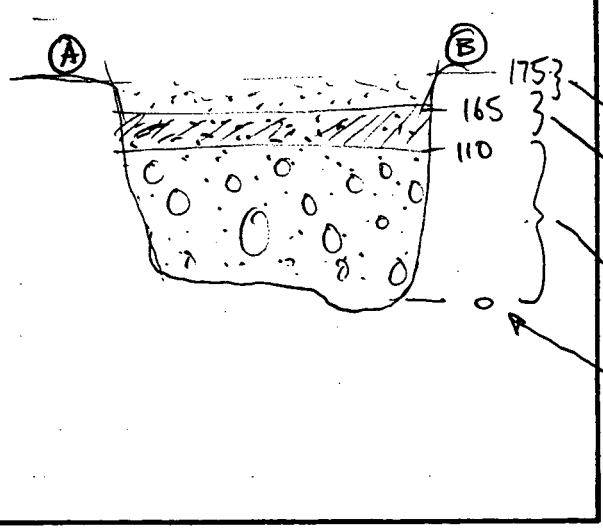
TOP VIEW:



DEPTH:

FROM:	TO:	
165	175	– Red brown Bf sandy silty
110	165	– clay deposit
0 cm	110	– hard pan clay type, no angular fragments,

PROFILE VIEW:



SAMPLE:

D

B

A

C

BEDROCK DESCRIPTION:

NONE FOUND

DATE: JULY 6 1990. | PROJECT: BID

SAMPLED BY: A. LAWRENCE / T. HANNON

COORDINATES / LOCATION: 113+50E / 76+00N

TRENCH No: 113+50E / 76+00N

GENERAL DESCRIPTION:

ANOMALY IV

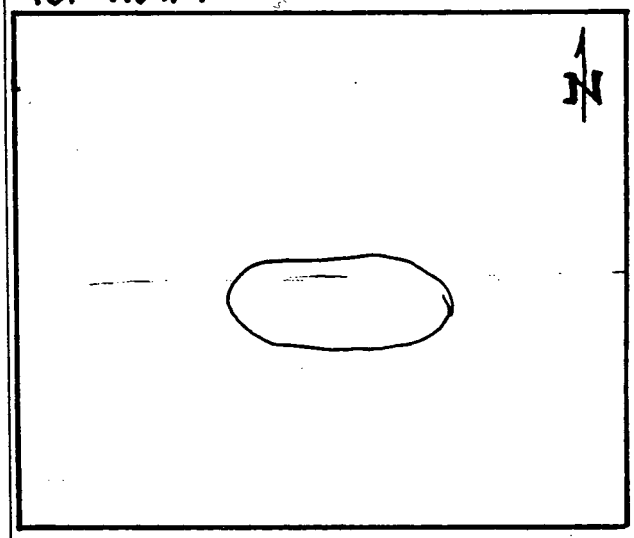
Hole stopped at 1m as full of water.

- water table at about 0.5 m
- bedrock not reach.

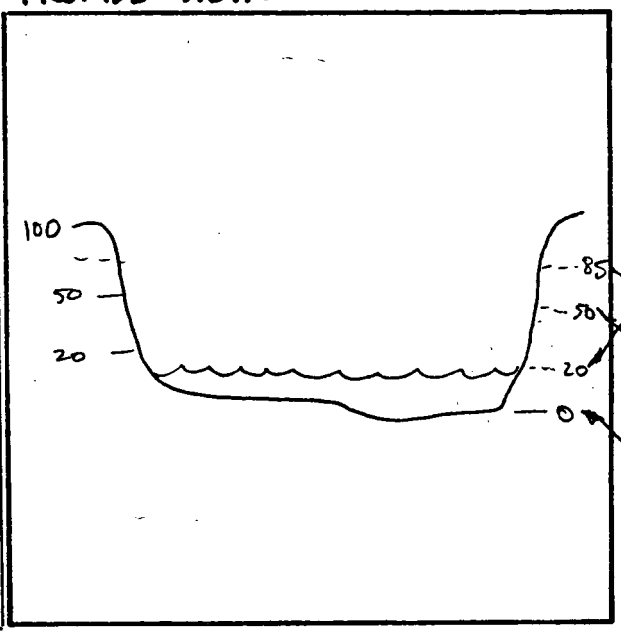
Results

	Cu ppm	Au ppb
B	107	8
C	39	5
D	30	4
A	113	8

TOP VIEW:



PROFILE VIEW:



SAMPLE:

DEPTH:

FROM:	TO:	
20cm	50cm	clay / grey
0cm	20cm	clay / brown-grey

BEDROCK DESCRIPTION:

not reached.

DATE: July 10, 1990	PROJECT: B10
SAMPLED BY: EUK, P.N.	

COORDINATES / LOCATION: B10 73N 93+50E	TRENCH №: 73N 93+50E

GENERAL DESCRIPTION:

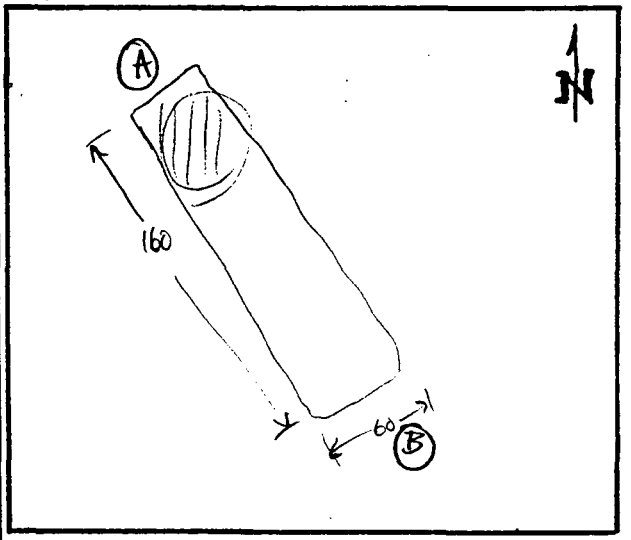
Anomaly II

- gravel bench beside swamp.

Results

	Cu ppm	Au ppb
Bf	46	38

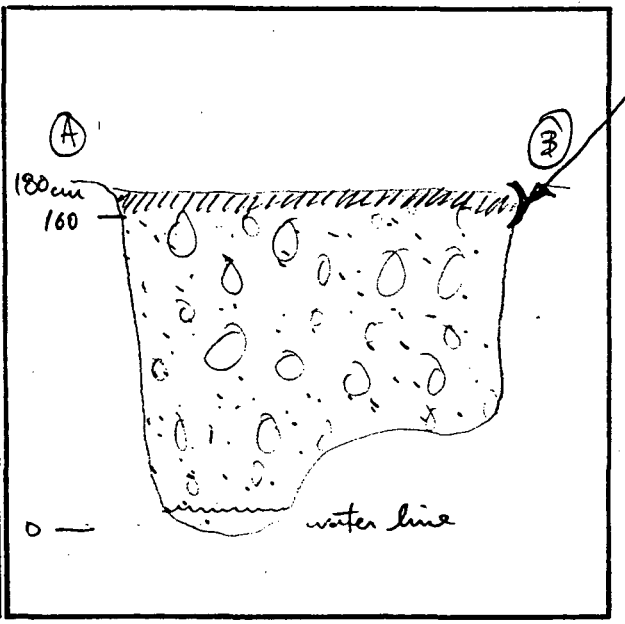
TOP VIEW:



DEPTH:

FROM:	TO:	
160	180	Bf heavy rust stained gravel / sandy
0 cm	160	disorganized glacial till / gravel

PROFILE VIEW:



SAMPLE: (Cu ppm)

73N 93+50E Bf 46

BEDROCK DESCRIPTION:

None

DATE: 10 July 1990	PROJECT: BIO
SAMPLED BY: TH & AL	

COORDINATES / LOCATION: 75N 92+50E	TRENCH No: 75N 92+50E

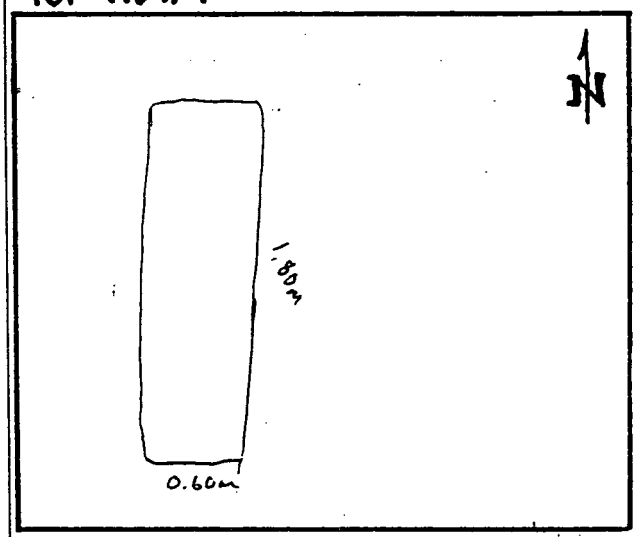
GENERAL DESCRIPTION:

Anomaly II bench above Teslincheko Ck - pine forest

Results

	Cu ppm	Au ppb
C	36	4
B	74	4
A	49	3

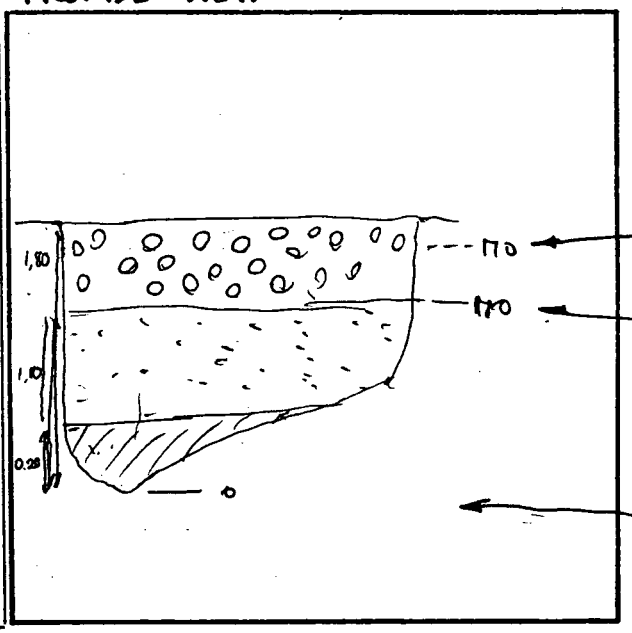
TOP VIEW:



DEPTH:

FROM:	TO:	
1.10m	1.80m	brown silt & rounded gravel / boulders
0.20m	1.10m	grey rounded gravel
0 cm	0.20m	grn brown grey clay

PROFILE VIEW:



SAMPLE:

- C 36 (4)
- B 74 (4)
- A 49 (3)

BEDROCK DESCRIPTION: not reached

DATE: 10. July 1990	PROJECT: B10
SAMPLED BY: TH & A.L	

COORDINATES / LOCATION: 73N 94E

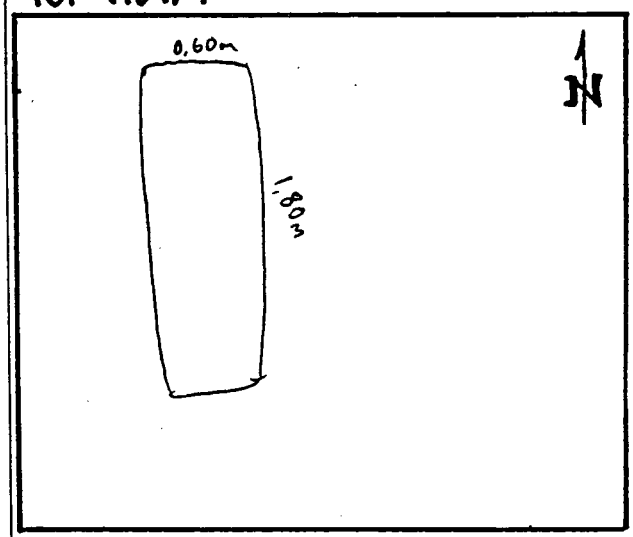
TRENCH No: 73N 94E

GENERAL DESCRIPTION:
ANOMALY II
bench above
Taslincheko Ck
Pine forest

Results

	Cu ppm	Au ppb
B	44	440
A	113	5

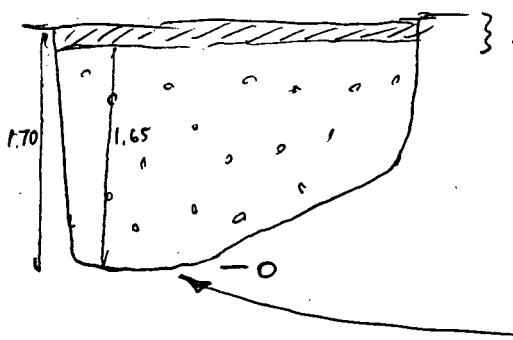
TOP VIEW:



DEPTH:

FROM:	TO:	
1.65	1.70	B-F brown silt
0 cm	1.65	B grey, rounded gravel

PROFILE VIEW:



SAMPLE:

73N 94E B 44

73N 94E A 113

BEDROCK DESCRIPTION: bedrock not reached.

DATE: July 10, 1990	PROJECT: B10
SAMPLED BY: ENR, P.N.	

COORDINATES / LOCATION: 74+80N 92+50E	TRENCH No: 74+80N 92+50E

GENERAL DESCRIPTION:

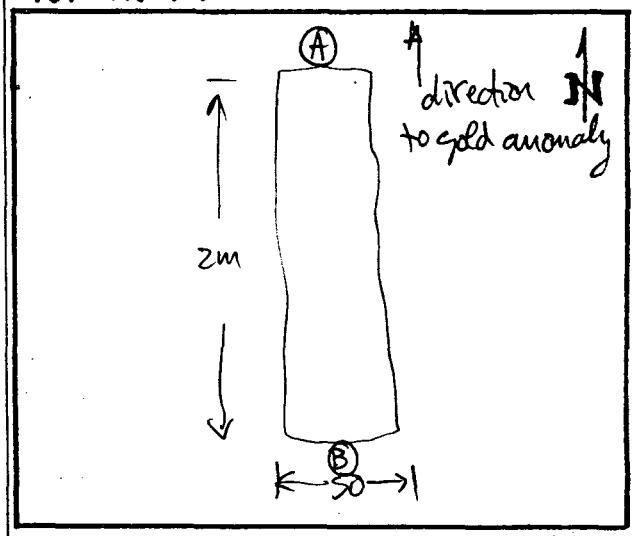
ANOMALY II

- Attempt to find bedrock by entering side of hill → no positive result.

Results

	Cu ppm	Au ppb
A	54	4

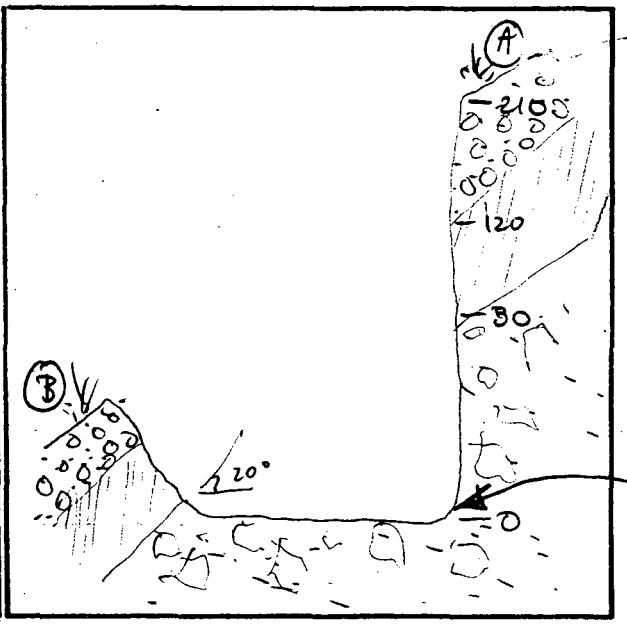
TOP VIEW:



DEPTH:

FROM:	TO:	
120	210	– gravel / glacial fill
80	120	– silt
0 cm	80	– hard pan / clay

PROFILE VIEW:



SAMPLE:

Cu ppm

74+80N 92+50E 54

BEDROCK DESCRIPTION: None recorded

DATE: July 8, 1990	PROJECT: B10
SAMPLED BY: EVR, P.N.	

COORDINATES / LOCATION:	TRENCH №:
B10 60+00N 70+00E	60+00N 70+00E

GENERAL DESCRIPTION:

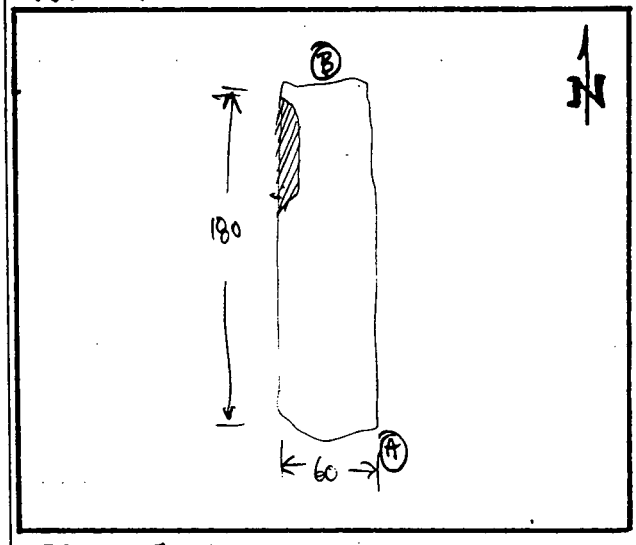
Anomaly I

- accessible by cat trail

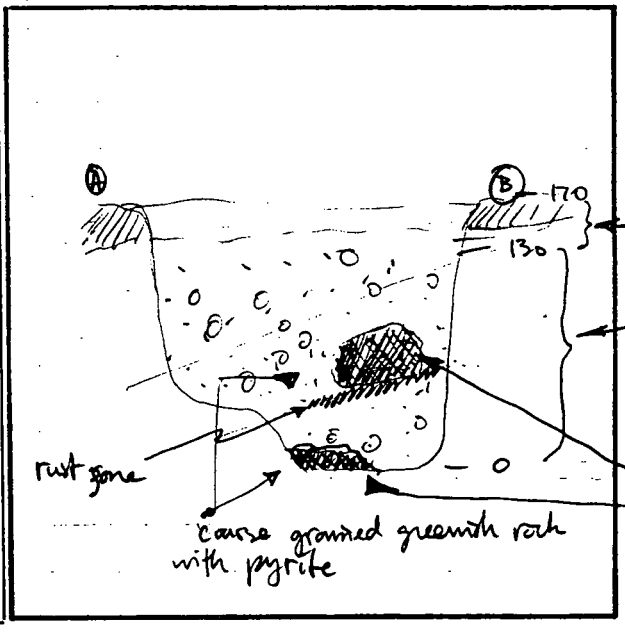
Results

	Cu ppm	Au ppb
B	89	43
A	158	13
C	226	6

TOP VIEW:



PROFILE VIEW:



DEPTH:

FROM:	TO:	
130	170	Bf; sandy, silty light brown, with pebbles.
0 cm	130	gravelly / clay hardpan with green bedrock mineralization

SAMPLE:

- 60N 70+00E B 89
- 60N 70+00E A 158
- C 226
- 60N 70+00E C

BEDROCK DESCRIPTION:

Bedrock

DATE: 8 July 1990	PROJECT: B10
SAMPLED BY: TH A.L	

COORDINATES / LOCATION: 61N 72E

TRENCH No: 61N 72+00E

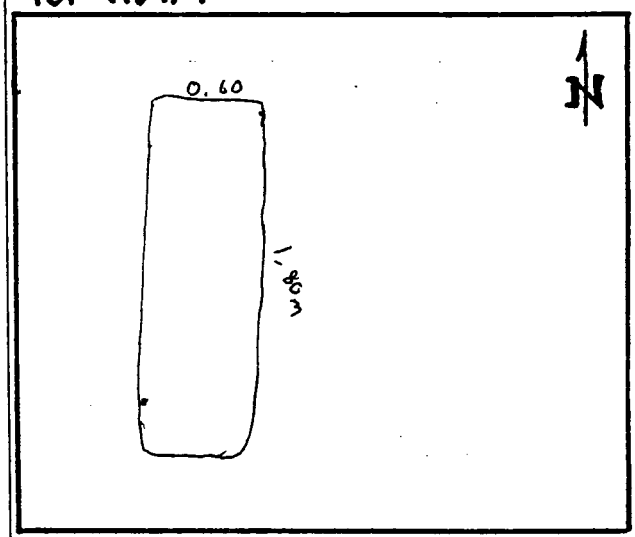
GENERAL DESCRIPTION:

Pine & poplar forest
slope west 5°

Results

	Cu ppm	Au ppb
D	84	20
C	88	69
B	105	9
A	245	9

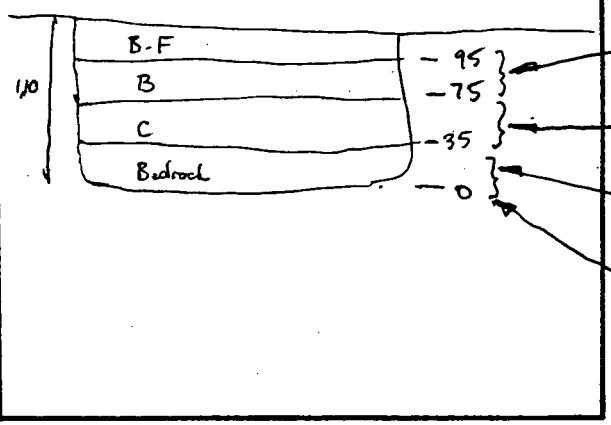
TOP VIEW:



DEPTH:

FROM:	TO:	
0.95m	1.10m	B-F organic matter brown silt
0.75m	0.95m	B - brown silt/clay
0.35m	0.75m	C horizon - brown clay
0 cm	0.35m	Bedrock

PROFILE VIEW:



SAMPLE:

ppm Cu

D 84 (20)

C 88 (69)

B 105 (9)

A (245) (9)

BEDROCK DESCRIPTION: strongly weathered dark/rusty

DATE: JULY 8 1990	PROJECT: BIO
SAMPLED BY: A. LAWRENCE / T. HANNON	

COORDINATES / LOCATION: 60+00N / 71+00E	TRENCH №: 60+00N / 71+00E

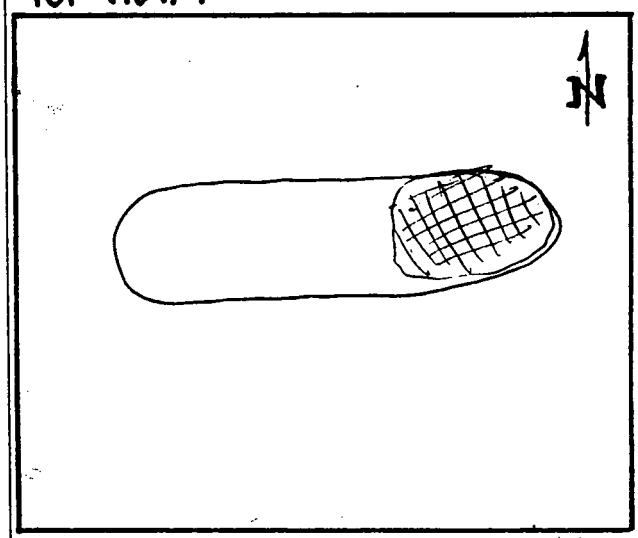
GENERAL DESCRIPTION:

Pine forest - moss covered ground.

Results

	Cu ppm	Au ppb
D	16	20
C	90	35
B	144	15
A	82	6

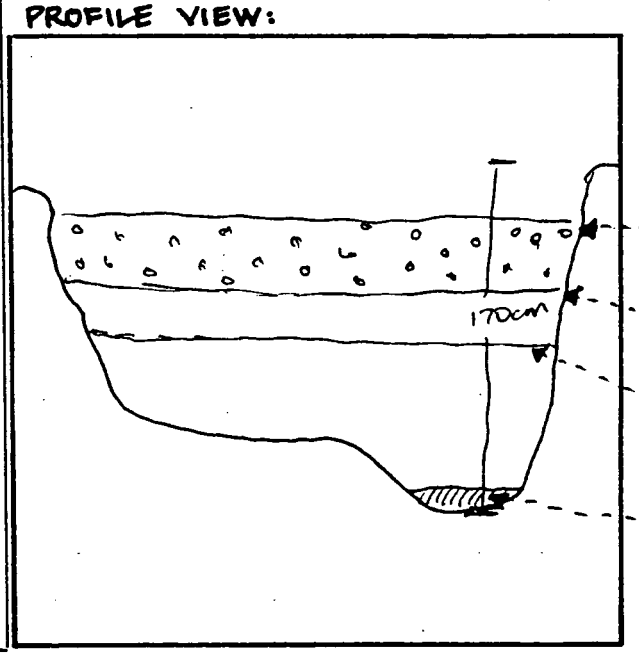
TOP VIEW:



DEPTH:

FROM:	TO:	
160cm		BF
130cm		
100cm		
0 cm		

PROFILE VIEW:



SAMPLE:

- D 16
- C 90
- B 144
- A 82

BEDROCK DESCRIPTION:

DATE: July 7, 1990	PROJECT: B10
SAMPLED BY: EJR, P.N.	

CO-ORDINATES / LOCATION:
B10 61+00N 71+50E

TRENCH №:
61+00N 71+50E

GENERAL DESCRIPTION:

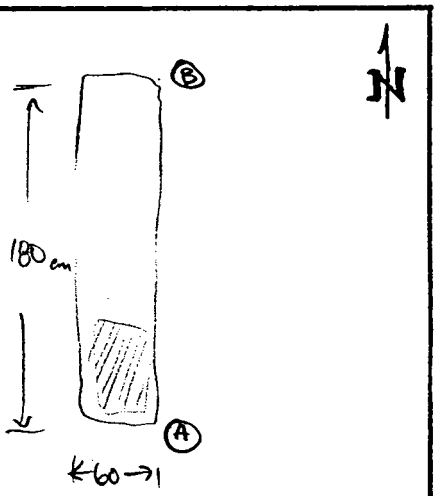
Anomaly I

- accessible from cut trail

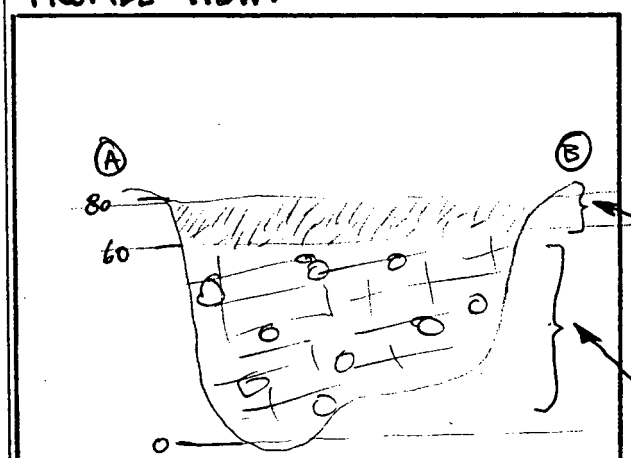
Results

	Cu ppm	Au ppb
B	36	14
A	84	4
C	57	6

TOP VIEW:



PROFILE VIEW:



DEPTH:

FROM:	TO:	
60	80	Bf: red brown sandy silty
0 cm	60	blocky angular / some white quartz

SAMPLE:

Cu Pp...

61N 71+50E B 36

61N 71+50E A 84

61N 71+50E C 57

BEDROCK DESCRIPTION:

Bedrock

DATE: July 7, 1990	PROJECT: B10
SAMPLED BY: EJR, P.N.	

COORDINATES / LOCATION: B10 61+00N 73+00E	TRENCH №: 61+00N 73+00E

GENERAL DESCRIPTION:

Anomaly I

a.k.a. Hole #2

- close to large cat trench
- accessible by cat trail

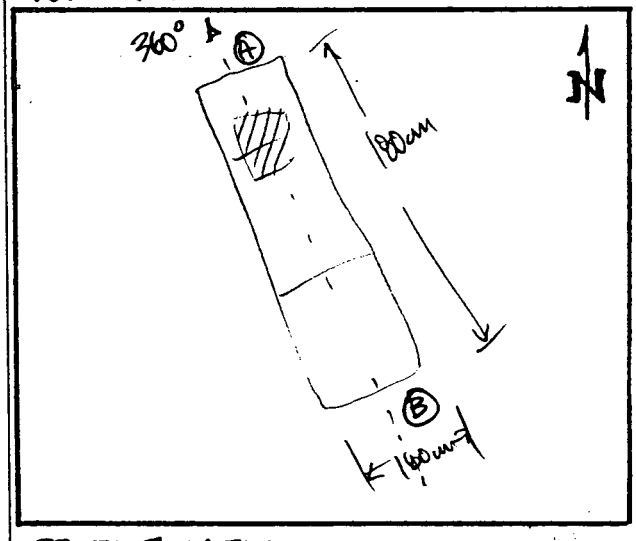
Results

	Cu ppm	Au ppb
D	86	31
C	94	240
B	141	7
A	107	10

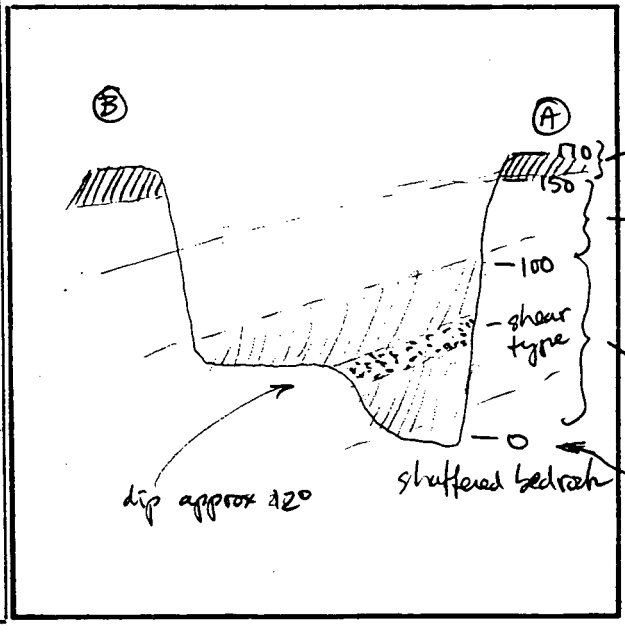
DEPTH:

FROM:	TO:	
150	170	– Bf
100	150	– B layer hardpan
0 cm	100	– marbled hardpan with black phillite type shear. Qz. stringers, mafed zones

TOP VIEW:



PROFILE VIEW:



SAMPLE:

D
C
B
A

BEDROCK DESCRIPTION:

Bedrock

E

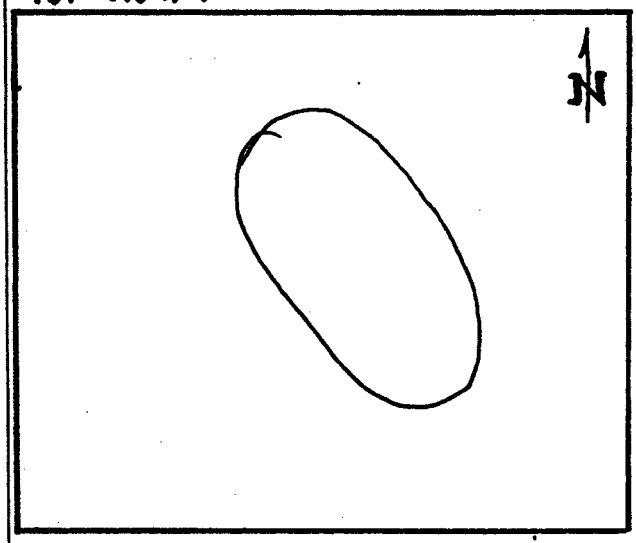
DATE: JULY 7 1990	PROJECT: B10
SAMPLED BY: A. LAWRENCE / T. NANNON	

COORDINATES / LOCATION: 61+00N / 72+50E	TRENCH NO: 61+00N / 72+50E

GENERAL DESCRIPTION:

- hit bedrock at 1m 70cm.

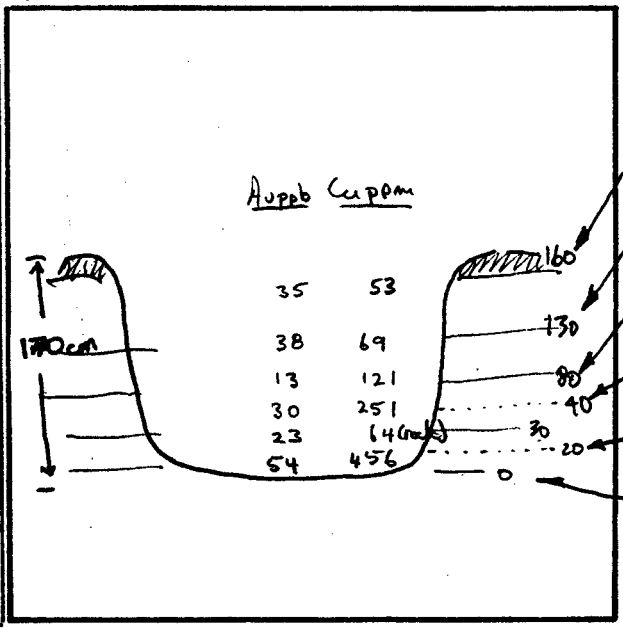
TOP VIEW:



DEPTH:

FROM:	TO:	
	160cm	BF reddish tinge - silty clay
	130cm	yellow brown gravelly clay
	80cm	green/brown angular fragments
	30cm	green/black rust
20cm ⇒		Rock fragments
	0cm	red sandy

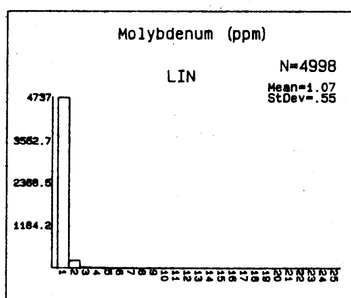
PROFILE VIEW:

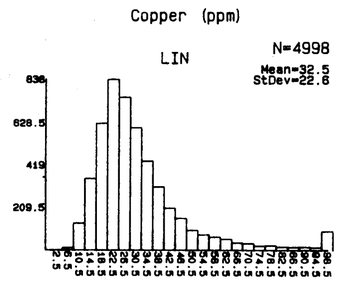


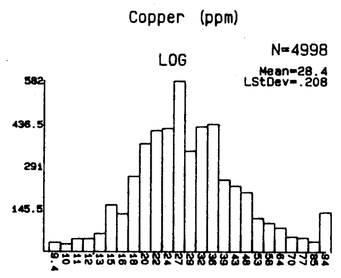
SAMPLE:

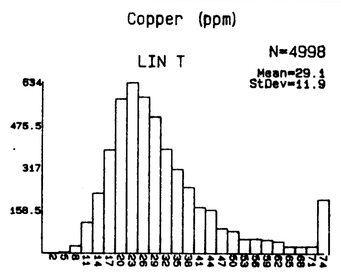
F
E
D
C
B
A

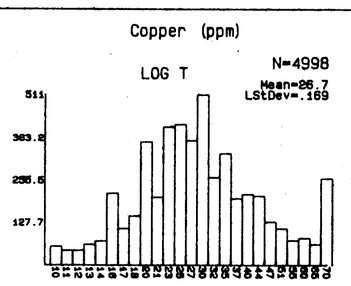
BEDROCK DESCRIPTION:

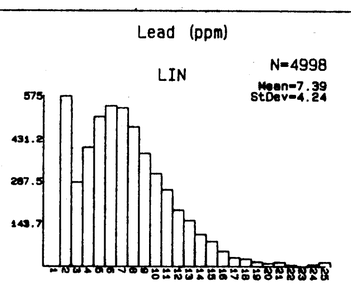


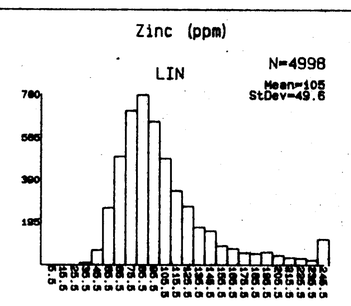


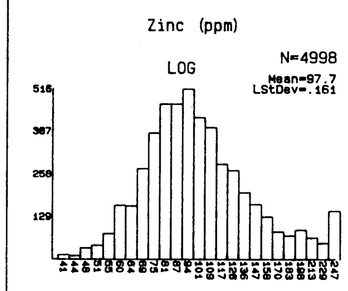


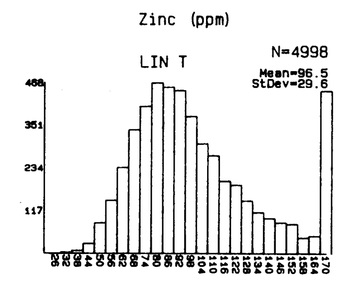


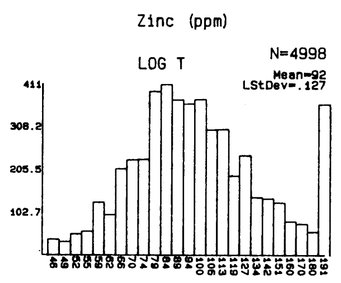


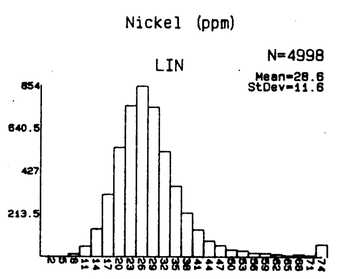


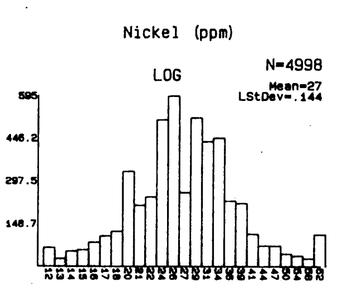


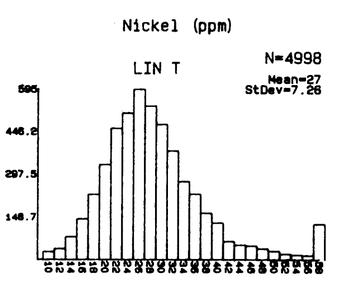


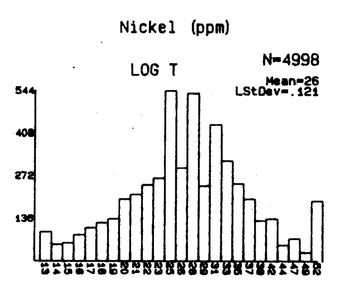


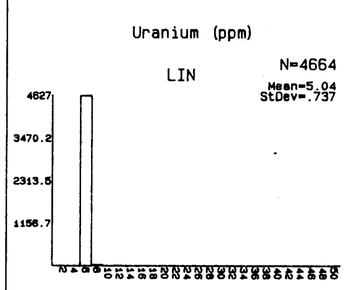


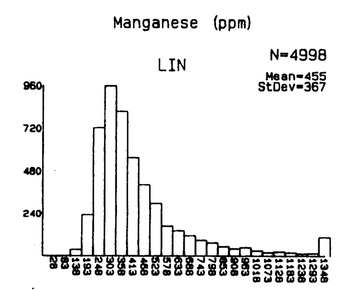


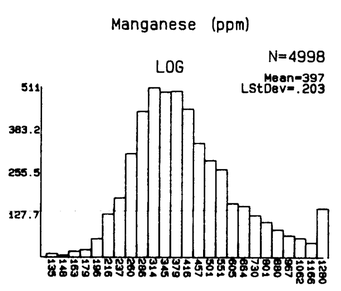


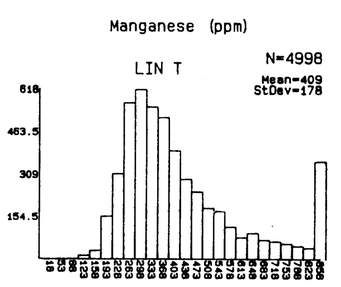


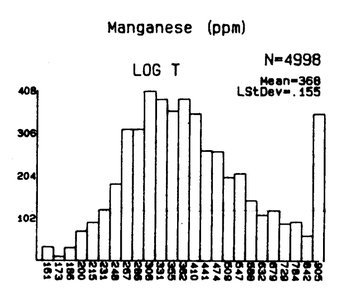


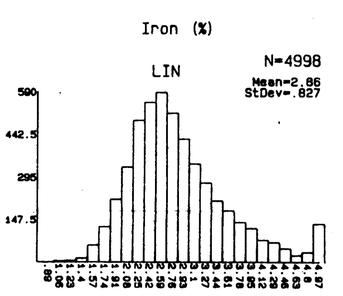


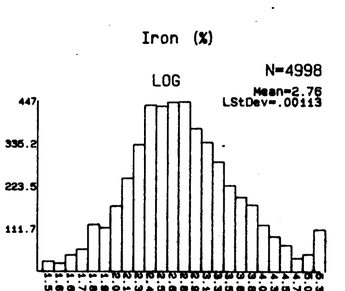


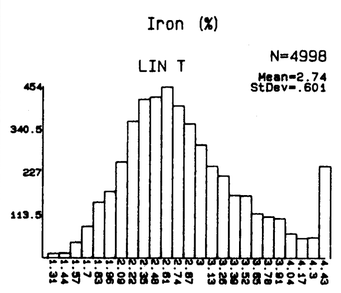


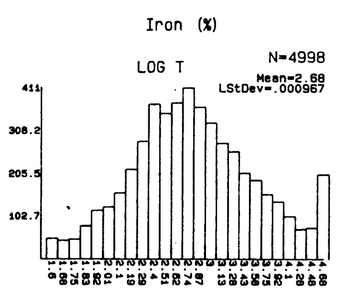


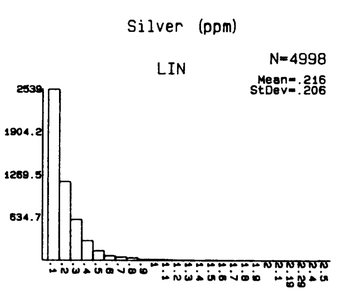


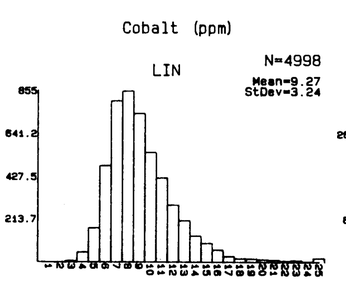


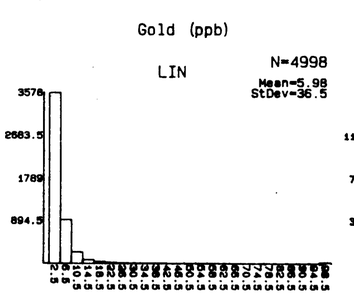


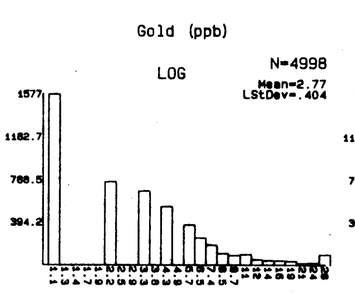


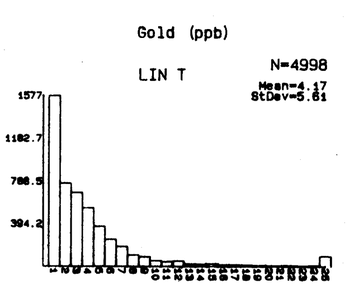


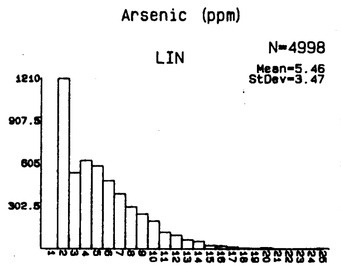


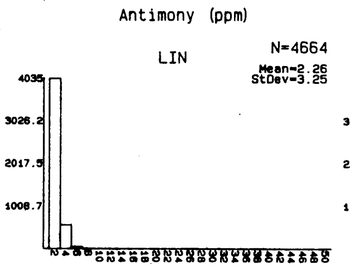


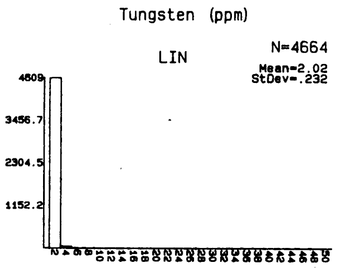


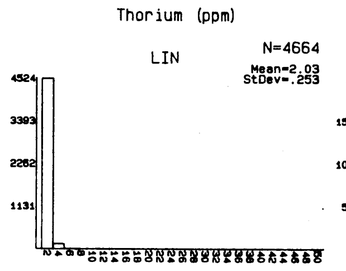


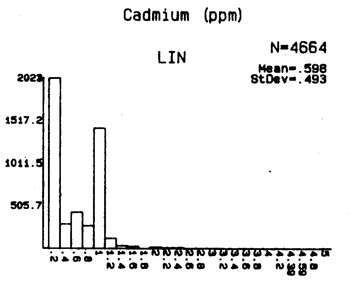


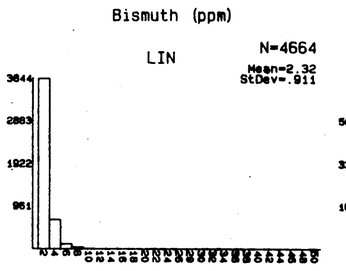


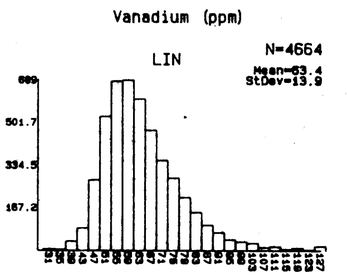


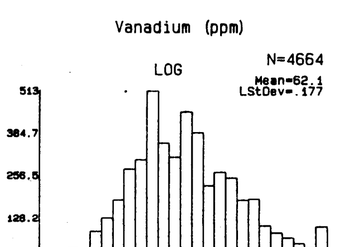


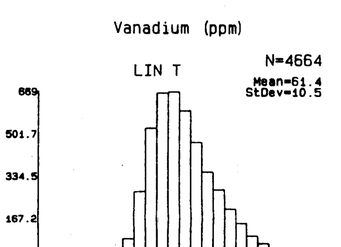


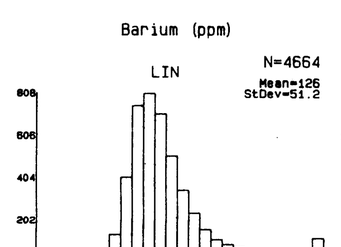


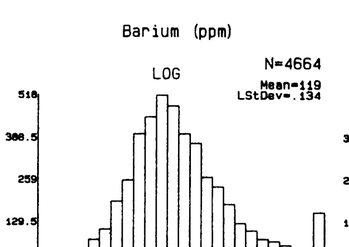


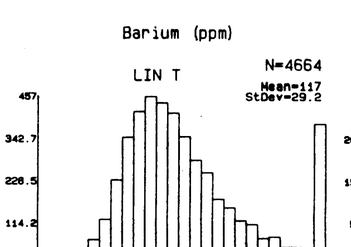












DISTRIBUTION HISTOGRAMS

LIN = LINEAR
LOG = LOGARITHMIC
LINT= TRUNCATED LINEAR
LOGT= TRUNCATED LOGARITHMIC

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,563

SAMPLE SELECTION CRITERIA:

SAMPLE TYPE	ALL
PROPERTY CODE	ALL
LSE CODE	ALL
OB ORIGIN	ALL
SAMPLE TEXTURE	ALL
SOIL HORIZON	ALL
BEDROCK GEOLOGY	ALL
NORTH LIMIT	NONE
SOUTH LIMIT	NONE
EAST LIMIT	NONE
WEST LIMIT	NONE

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — JOHN A. McCLINTOCK

BIO OPTION

RIO ALGOM EXPLORATION INC.

1989-1990 SOIL SURVEY

HISTOGRAMS

DATE: OCT/90	PROJECT#: 105
NTS: 93K/16	MAP Nº. 2

B.L. 105+00 E

B.L. 94+00 E

38+00 N

30+00N

20+00N

12+00N

54°49'

124° 17'

2700

2800

2900

2730

60

40

150

Trar

Trsd

Trvb

Trls

JTrdi?

JTrm

JTrdi

Trar,sd

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,563

JURASSIC - TRIASSIC

JTrm Monzonite : acicular hornblende monzonite. Hbl up to 1cm long, in light coul
- occurs as dykes

JTrdi Diorite : medium grained equigranular grey hbl ? diorite

TRIASSIC TAKLA GROUP

Trvb Andesite : dark green augite feldspar porphyry, may occur as flows or dykes

Trsd Siltstone, greywacke :
- light to medium grey silt stone interbedded with and often containing fragments of argillite
- medium to coarse grained green to dark grey greywacke, contains andesite fragments

Trar Argillite, chert : dark grey to black massive argillite interbedded with conchoidally fracturing chert

Trls Limestone : grey, massive crystalline limestone

Outcrop
Small outcrop
Geological boundary
Bedding : inclined
Gravel road

N.T.S. 93K-16

SCALE 1:5000

100 50 0 100 200 300 400 Metres

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
JOHN A. McCLINTOCK

Rio Algom Exploration Inc.

BIO PROPERTY

SE MAP AREA GEOLOGY

DATE	DRAWN BY	DWG.
OCT. 1990	J.A.M. / Chong	3

TRIASSIC – TAKLA GROUP

Trsd Greywacke : regionally metamorphosed, fine to coarse grained, light grey to grey green. Clasts of argillite up to 3cm long axis occur locally.

Trar Argillite, phyllite, shale : regionally metamorphosed, dark grey to black, massive, blocky to conchoidal fracture. Convoluted bedding/colour banding

Outcrop
Small outcrop
Sub outcrop
Bedding – vertical, inclined
Foliation – " "
Trail
Helicopter pad

N.T.S. 93K-16

SCALE 1:5000

100 50 0 100 200 300 400 Metres

Rio Algom Exploration Inc.

BIO PROPERTY

SW MAP AREA GEOLOGY

DATE	DRAWN BY	DWG.
OCT. 1990	J.A.M. / Chong	4

PROVINCIAL

LEGEND

SURFICIAL GEOLOGY

Map Unit	Description
1	thick glacial till – featureless ground moraine to subdued ridged drumlinoids – minor depressions
2	mantle of glacial till on bedrock-controlled terrain
3	thick glacial till; in places eroded and capped by glaciofluvial sands and gravels
4	thick glaciofluvial sands and gravels; 4a – subdued landforms, 4b – hummocks and ridges
5	fine-textured glaciolacustrine sediments – silt, clay, sand
6	low-relief moraine mantled by stratified drift
7	wetland floodplains – fluvial and organic deposits
8	low-lying fluvial terraces and fans bordering floodplains
9	deep organic deposits
10	thin organic deposits

Note: a more complete description of the map units and a summary of their soil geochemistry implications is in an accompanying report.

On-Site Symbols

Terrace Scarp Slope

Glacial Grooves, Lineations

Drumlinoid Moraine Oriented in Direction of Ice Movement

0 1 km

Map scale: 1:20000

Mapped by D.E. [illegible]

May 1978

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA JOHN A. McCLINTOCK

MAP 5

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,563

BIO 1

BIO 2

BIO 3

BIO 4

BIO 5

BIO 7

BIO 8

BIO 9

BIO 10

BIO 11

TUG 1

BOB 1

NORANDA HAT

Anomaly I

Anomaly II

Anomaly III

Anomaly V

2800

2900

2730±

2720

2875±

2700

2730

BL. 89+00 E

BL. 109+00E

BL.64+00E

BL.84+00E

BL.94+00E

5 080 000 N

420 000 E

80+00N

70+00N

60+00N

50+00N

40+00N

30+00N

20+00N

10+00N

HATODA CREEK

TEZZEBAN CREEK

Large amplitude high magnetic anomaly

Small " " " "

Trench

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,563

N.T.S. 93K-16

SCALE 1:10,000

200 100 0 200 400 600 800 Metres

Rio Algom Exploration Inc.

BIO PROPERTY

SOIL GEOCHEMISTRY
GOLD IN PPB

DATE	DRAWN BY	DWG.
OCT. 1990	J.A.M. / Chong	6

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA JOHN A. McCUAIG

BIO 1 | BIO 5 | BIO 2 | BIO 8 | BIO 3 | BIO 9 | BIO 10 | BIO 4 | BIO 11 | TUG 1 | BIO 7

ANOMALY I | ANOMALY II | ANOMALY III | ANOMALY IV | ANOMALY V

CODE AREA I | CODE AREA G | CODE AREA H | CODE AREA K

NORANDA HAT

TEZZERON CREEK

2800 | 2900 | 2730± | 2720 | 2875± | 2700 | 2730

5 080 000 N | 40+00 N | 30+00 N | 20+00N | 10+00N | 70+00N | 60+00N | 50+00N | 40+00N | 30+00N | 20+00N

B.L. 64+00E | B.L. 58+00E | B.L. 52+00E | B.L. 47+00E | B.L. 94+00E | 420 000 E

Large amplitude high magnetic anomaly
Small " " " "
Trench

>70	20
65 to 70	20
60 to 65	30
55 to 60	30
50 to 55	25
0 to 50	19

GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,563

N.T.S. 93K-16
SCALE 1:10,000
200 100 0 200 400 600 800 Metres

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
JOHN A. McCLINTOCK

Rio Algom Exploration Inc.

BIO PROPERTY

SOIL GEOCHEMISTRY
COPPER IN PPM

DATE	DRAWN BY	DWG.
OCT. 1990	J.A.M./ Chong	7