THIS PROSPECTUS CONSTITUTES A PUBLIC OFFERING OF THESE SECURITIES ONLY IN THOSE JURISDICTIONS WHERE THEY MAY BE LAWFULLY OFFERED FOR SALE AND THEREIN ONLY BY PERSONS PERMITTED TO SELL SUCH SECURITIES.

NO SECURITIES COMMISSION OR SIMILAR AUTHORITY IN CANADA HAS IN ANY WAY PASSED UPON THE MERITS OF THE SECURITIES OFFERED HEREUNDER AND ANY REPRESENTATION TO THE CONTRARY IS AN OFFENCE.

PROSPECTUS

DATED: July 13, 1988
AS AMENDED: January 5, 1989

CRISAN RESOURCES LTD.
(hereinafter called the "Issuer")
550 - 1040 West Georgia Street
Vancouver, B.C.
V6E 4H1

OFFERING
common shares

	Price to Public(3)	Agent's Commission(2)	Net Proceeds to be received by the Issuer(1)
re	$0.35	$0.035	$0.315
	$210,000	$21,000	$189,000

(1) *Before deduction of remaining costs of this issue estimated to be $15,000.00.*

(2) *The Agents have been granted warrants to acquire 150,000 shares at $0.35 per share. See "Plan of Distribution".*

(3) *The price of the Shares has been determined by the Issuer through negotiation with the Agents.*

THERE IS NO MARKET THROUGH WHICH THESE SECURITIES MAY BE SOLD.

A PURCHASE OF THE SECURITIES OFFERED BY THIS PROSPECTUS MUST BE CONSIDERED AS SPECULATION. THE PROPERTY IN WHICH THE ISSUER HAS AN INTEREST IS IN THE EXPLORATION AND DEVELOPMENT STAGE ONLY AND IS WITHOUT KNOWN RESERVES. NO SURVEY OF ANY PROPERTY OF THE ISSUER HAS BEEN MADE AND THEREFORE IN ACCORDANCE WITH THE LAWS OF THE JURISDICTION IN WHICH THE PROPERTIES ARE SITUATE, THEIR EXISTENCE AND AREA COULD BE IN DOUBT. SEE ALSO "RISK FACTORS" HEREIN.

THE DILUTION, ON COMPLETION OF THE OFFERING, WILL BE $0.21 PER SHARE OR 60%.

4. DESCRIPTION OF BUSINESS, ACQUISITIONS AND PROPERTY OF ISSUER

BUSINESS

The principal business of the Issuer is the acquisition, exploration and development of natural resource properties located in Canada.

PROPERTIES

On June 29, 1987, the Issuer acquired beneficial ownership of the Perrow 300, Peeler and Java 300 mineral claims located in the Omineca Mining Division (herein the "Omineca Claims") and the Gold and Cache mineral claims located in the Clinton Mining Division (herein the "Clinton Claims") for a cash payment of $17,000 to B. & H. Leaseco.

Java Perrow

However, formal transfer of the Gold claim was not effected until January, 1988. The Vendor executed Bills of Sale which have been registered in the appropriate Mining Recorders Offices. The owners of B. & H. Leaseco Ltd. are Lloyd C. Brewer as to 50% and Peggy Hearns as to 50%, both are residents of British Columbia.

OMINECA CLAIMS, Omineca Mining Division, B.C.

The Omineca Claims consist of three (3) located mineral claims, each consisting of 20 units, more particularly described as follows:

Name of Claim	Record No.	Date of Expiry
Java 300 (20 units)	8372	May 6, 1989
Perrow 300 (20 units)	8375	May 6, 1989
Peeler (20 units)	8806	Sept. 9, 1989

The following information regarding location & access, property geology and mineralization, work to date by Issuer, and conclusions and recommendations is taken from the Engineering Report of Gyan C. Singhai, P. Eng. dated May 10, 1988 (herein the "Singhai Report") attached to this prospectus.

Location & Access

The Omineca Claims are located about 50 air km southeast of Smithers and about 10 km north of Perrow. The property is accessible by about 73 km and about 18 km from Smithers and Houston, respectively, by Highway No. 16 to Perrow, thence some 10 km by logging road. Part of this road is a

gravel road and the rest is a bulldozed trail. Other parts of the property are accessible by logging roads. These roads have to be travelled by four-wheel vehicle.

Property Geology and Mineralization

Most of the area is covered by glacial drift and few outcrops are seen in the area. The only mineralization is exposed in trenches. Most of the mineralization is noticed as fine fracture fillings and big blebs of chalcopyrite with numerous fine veinlets of calcite. The general mineral assemblage of pyrite, chalcopyrite, minor sphalerite, galena, tetrahedrite, and occasional very minor borite is seen in host rock of fine-grained greenish andesitic volcanics. Malachite, specularite, barite, and epidote are also noticed. The host rock, quartz, calcite and epidote, occurs as gangue minerals.

History of Previous Work and Results

The claims are located approximately 20 km southeast of Dome Mountain. They were covered by the Pehu, Lady and Lucky group of claims during 1967-1968, and Noranda Exploration carried out exploration work consisting of a soil geochemistry survey, EM survey, trenching and about 200 feet of diamond drilling. The geochemical survey was not very reliable due to heavy glacial drift overburden. Trenching exposed some mineralized zones but drilling was inconclusive. Results of this drilling are not available.

Work to Date by Issuer

During the summer of 1987, the Issuer had carried out an exploration program of geochemical survey, preliminary geological mapping and airborne magnetic survey as more fully described below. The cost to the Issuer for exploration on the Omineca Claims to date is $52,800.

GEOCHEMICAL SURVEY

The Issuer established a grid of 38 line-km during the summer of 1987. Lines were spaced 100 metres apart with 25 metre station intervals. A total of 1150 soil samples were collected at each station from the "B" soil horizon. Eight hard rock chip samples were also collected due to the absence of soil and treated as soil samples. All samples were submitted to Acme Analytical Laboratories Ltd. for analysis. Samples were screened and -80 mesh fraction of soil was analyzed by ICP for Cu, Pb, Zn, Sb, As, Ag and reported in ppm. Soil was analysed by using atomic absorption method and reported in ppb. The assay

values varied from 5 to 438 ppm Cu, 2 to 88 ppm Pb, 35 to 6240 ppm Zn, 0.1 to 7.4 ppm Ag, 2 to 460 ppm As, 2 to 18 ppm Sb and 1 to 53 ppb Au.

AIRBORNE MAGNETIC SURVEY

An airborne magnetic survey was carried out during July 1987 over 300 properties and surrounding area which included the Java, Perrow and Peeler mineral claims. This survey, totalling 114.4 line-km, was carried out by Columbia Airborne Geophysical Services (1984) Ltd. under the supervision of Lloyd C. Brewer. The object of this survey was to help with the geological and structural mapping of the area and to find out the relationship of magnetic anomalies with the exposed mineralization.

The magnetic field within the property varied from a low of less than 2000 gammas to a high of 3500 gammas. The high magnetic values may be due to the intrusive bodies which carry magnetite such as gabbro dykes or plug. These high values also coincide with topographic highs which may be due to intrusive bodies. It has also been noticed that low magnetic zones in the northeast of the Java 300 claim coincide with the trenched area where some mineralization is exposed. Therefore these low magnetic zones may represent alteration zones.

The property is without a known body of commercial ore and the work program is an exploratory search for ore.

There is no underground plant or equipment on the property.

Conclusions and Recommendations

G.C. Singhai, in his report of May 10, 1988, concludes as follows:

> "The geological and structural environment is such which has a very good potential of hosting ore deposits of economic values. Some of the geochemical results are encouraging and soil sampling should be carried out on low magnetic anomalous areas. Therefore, further exploration work is warranted."

The following Stage I work program is recommended at a cost of $67,100:

1. The airborne magnetic high and low anomalous zones should be covered by ground magnetic survey, EM survey, and detailed soil sampling.

2. Soil samples should be assayed for arsenic, copper, zinc, mercury, gold and silver.

3. Geochemical, magnetic, and EM anomalies should be tested by trenching and bulldozing and diamond drilling.

4. The geology of the area should be mapped in detail.

5. It appears that mineralization is controlled by fractures. Therefore, photogeology should be carried out and fracture systems should be studied in detail.

Dependent upon the results of the Phase I work program, a Phase II work program of diamond drilling is recommended at a further cost of $129,800.

CLINTON CLAIMS, Clinton Mining Division, B.C.

The Clinton Claims consist of two (2) located mineral claims comprising a total of 30 units, more particularly described as follows:

Name of Claim	Record No.	Date of Expiry
Gold (10 units)	2357	August 24, 1989
Cache (20 units)	2193	May 12, 1989

During the summer of 1987 the Issuer expended the sum of $16,200 to have Stryder Explorations Ltd. complete a program of soil sampling and magnetometer surveys over 21 line-km of grids. They collected 500 soil samples and assayed for gold in ppb and a report was prepared by Mr. G.C. Singhai dated January 3, 1988.

Mr. Singhai in his report also recommended a $25,000 work program consisting of:

1. Detailed geological mapping and prospecting.

2. Extension of the present grids for 20 line-km and soil sampling in detail on the gridded area, and silt sampling of water drainage in the area.

3. Prospecting by panning along with water drainages and carry out a heavy mineral analyses of samples to find the area of concentration for rutile, limonite, chromite, and magnetite. These minerals may be associated with gold and act as a guide to find a larger area of economic value.

Report on

PERROW 300, PEELER AND JAVA 300 MINERAL CLAIMS
Dome Mountain Area
Omineca Mining Division, B.C.

54°34'50" North Latitude
126°31'47" West Latitude
NTS 93L/10

for

CRISAN RESOURCES LTD.

1009 - 470 Granville Street
Vancouver, B.C.

by

G.C. SINGHAI, M.Tech.,P.Eng.

May 10, 1988

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APPENDICES

MAPS

SUMMARY

This report is on three mineral claims (60 units) of Crisan Resources Limited located about 10 kilometres north of the village or Perrow and about 20 kilometres southeast of Dome Mountain, in the Mining Division of Omineca, British Columbia.

The history of Smithers-Houston and Topley area dates back to late 1800 and early 1900 when a gold occurrence was discovered on Dome Mountain, and as a result of this discovery, intensive prospecting was initiated in the surrounding areas. By 1934, some gold-bearing quartz veins were discovered north of Topley in the Richfield Creek area which assayed 0.04 to 0.23 oz/ton gold and 1.86 to 460.0 oz/ton silver. It was associated with copper, lead, and zinc mineralization. The whole area has been worked intermittently by a number of companies. Canadian United Minerals Inc. developed ore reserves of 410,000 tons grading 0.5 oz/ton gold and 3.0 oz/ton silver on Dome Mountain area. Noranda Explorations Limited carried out an exploration program of soil geochemistry, magnetometer survey, trenching and drilling during 1967. They exposed copper mineralization by trenching but 200 feet of diamond drilling was inconclusive. Since then, the property has been inactive until recently when Crisan Resources Limited acquired the property and carried out an exploration program in 1987.

The area overlies the Hazelton Group of volcanics and metasediments of early and middle Jurassic age. This group of rocks represents eugeosynclinal island-arc sequence which was deposited in the Hazelton Trough. These rocks overlie the Takla Group of Triassic age and underlies the Bowser Lake Group of rocks of middle to upper Jurassic age.

Mineralization occurs as fracture fillings and hosted by volcanics. The mineral assemblage of pyrite, chalcopyrite, minor sphalerite, galena, tetrahedrite and occasionally very minor bornite is noticed. Calcite and quartz occur as fracture fillings with hematite and epidote as gangue minerals.

The soil geochemical survey was not very successful due to heavy overburden, but some of the values are very high and erratic. These high values coincide with airborne magnetic high and low values. The present trenched mineralized area is very similar to the Dome Mountain gold deposit of Canadian United Minerals Inc. The erratic soil sample values are very encouraging. It appears that there is a good potential to find an ore deposit of economic value. Therefore a program of further exploration of two stage is recommended which will cost $196,900.

Report on

PERROW 300, PEELER AND JAVA 300 CLAIMS
Dome Mountain Area
Omineca Mining Division, B.C.

for

CRISAN RESOURCES LTD.

INTRODUCTION

This is a report on 60 units of mineral claims located about 10 kilometres north of the village of Perrow on Highway No. 16 east of Houston, and some 20 kilometres southeast of Dome Mountain in the Mining Division of Omineca, B.C. It is prepared at the request of Mr. Bruno Dell-Savia, President of Crisan Resources Limited, 1009 - 470 Granville Street, Vancouver, B.C. This report is based on the visit to the property and examination of the exposed mineralization by the writer on October 31 to November 1, 1987, and accompanied by Mr. Stephen B. Bishop, who carried out a soil sampling program on the property during the summer of 1987. The writer also referred to written information provided by Crisan Resources Limited.

This study was undertaken to evaluate the results of work carried out previously in the summer of 1987 and to recommend a program of further work if it is warranted.

PROPERTY AND OWNERSHIP

The property consists of three located mineral claims and each claim has 20 units. These claims are located about 10 kilometres north of Perrow and 20 kilometres south of Dome Mountain in the Mining Division of Omineca, B.C.

The legality of the mineral claims is out of the scope of this report. Details of these claims are as follows:

Name of Claims	Record No.	Recording Date
Java 300 (20 units)	8372	May 6, 1987
Perrow 300 (20 units)	8375	May 6, 1987
Peeler (20 units)	8806	Sept. 9, 1987

The mineral claims are in good standing and located in accordance with the Mineral Act of the Province of British Columbia.

LOCATION AND ACCESSIBILITY

The property is located about 50 air kilometres southeast of Smithers and about 10 kilometres north of Perrow. It is centred approximately 54°34'50" north latitude and 126°31'47" west longitude.

The property is accessible by about 73 kilometres and about 18 kilometres from Smithers and Houston, respectively, by Highway No. 16 to Perrow, thence some 10 kilometres by

logging road. Part of this road is a gravel road and the rest is a cat trail. Other parts of the property are accessible by logging roads. These roads have to be travelled by four-wheel drive vehicle. Main supplies are available from Smithers, Houston, and Prince George.

TOPOGRAPHY, VEGETATION AND CLIMATE

The area is located on the northern slope of the southeast end of Babine Range. The northern general slope is very gentle except the eastern slope of the southern part of the property. Elevation varies from about 1098 metres in the northern part of the property to 1402 metres above sea level on the southern part of the property.

Most of the property is logged but there are still some parts of the area covered by coniferous forest of economic value. The forest consists of fir, pine, hemlock and spruce trees and have a heavy undergrowth. Timber can be used for mining.

The climate of the area is similar to the West Coast. It is very pleasant in the summer but heavy snow falls in the winter to approximately 1.5 metres with temperatures varying from $90^{\circ}F$ to $-20^{\circ}F$ below zero. Mining can be carried out throughout the year by maintaining roads. There is enough water available from a lake located in the northwestern part of the area and there are other small lakes in the area which can supply water for drilling and mining.

HISTORY AND PREVIOUS WORK

The history of the Smithers, Houston and Topley area dates as far back as the late 1800's and very early 1900's. By 1914, a large number of mineral occurrences had been discovered in the regional area. Further development work on many of these prospects continued until the late 1920's and then only intermittently to present. This produced several mines including the Duthie, Cronin-Babine, Nadina and, at the present time, the Equity Silver Mine near Houston, B.C.

During the period 1927 to 1929, prospecting and development work took place between Tachek Mountain and Mt. McCrea area and gold, silver, copper, lead and zinc deposits were located in Richfield Creek area.

In 1934, a 5 foot wide shear zone was discovered on the Richfield Topley Group of claims which was mineralized by two feet of quartz vein striking N45^{o}E, dipping 45^{o}SE, and carrying pyrite, chalcopyrite, sphalerite and galena. It assayed approximately $30/ton in gold, silver and copper when the gold price was $34 an ounce. As a result, some of the other groups of mineral claims such as the Gold Group, Golden Eagle Group, Three Star Group, and Jack Rabbit Group were located and prospected in the area and new mineralized veins were discovered carrying 0.4 to 0.23 oz/ton gold and 1.80 to 460.0 oz/ton silver, apart from copper, lead and zinc.

Gold mineralization was discovered in the Dome Mountain area in 1914 and approximately 11 veins were located carrying high gold and silver values. In 1918, a bulk sample from the

Chisholm vein assayed 2.5 oz/ton gold. Extensive development work was carried out during the period 1923 to 1925 on the Fork vein which assayed 5.5 oz/ton gold over 25 feet. A shipment of 310 kg was sent to Ottawa for analysis in 1938 which returned as 1.76 oz/ton gold. A number of other companies worked on the property intermittently including Amoco Canada (1970's), Reako Exploration and Panther Mines, and by 1984 a total of 255 ounces gold and 470 ounces of silver was recovered. Noranda Exploration carried out exploration work of soil sampling, trenching, and diamond drilling. Canadian United Minerals acquired the property from Noranda Exploration and developed the ore reserves of 410,000 tons grading 0.50 oz/ton gold and 3.0 oz/ton silver in a joint venture with Teeshin Resources of Toronto.

The present property of Crisan Resources Limited is located approximately 20 kilometres southeast of Dome Mountain. It was covered by the Pehu, Lady and Lucky group of claims during 1967-1968, and Noranda Exploration carried out exploration work consisting of a soil geochemistry survey, EM survey, trenching and about 200 feet of diamond drilling. The geochemical survey was not very reliable due to heavy glacial drift overburden. Trenching exposed some mineralized zones but drilling was inconclusive. Results of this drilling is not available.

During the summer 1987, Crisan Resources Limited had carried out an exploration program of geochemical survey, preliminary geological mapping and airborne magnetic survey.

GEOLOGY

The general geology of the Smithers-Houston area was studied by G. Hanson, 1924; T.C. Phemister, 1928; and A.H. Lang, 1929, 1938, 1939 and published in a geology map No. 671A of the Houston area to accompany paper No. 40-18 by the Geological Survey of Canada. The area was also mapped by H.W. Tipper and T.A. Richards of the Geological Survey of Canada and published in Bulletin No. 270, 1976. These studies indicate that the area is underlain by the Hazelton Group of volcanics and sedimentary rocks of early and middle Jurassic age.

The Hazelton Group of rocks represents a eugeosynclinal island-arc sequence that was deposited in the Hazelton Trough. The Hazelton Group overlies the Triassic Takla Group and underlies the middle to upper Jurassic Bowser Lake Group. This group is divided into three geological formations.

The oldest and most widespread group is called the Talkwa Formation. It mainly consists of calc-alkaline volcanics. These volcanics are dominantly subaerial eruptions but within the Nilkitkwa Depression are of subaqueous origin. It is this formation which makes up the bulk of the Babine Range.

The Talkwa Formation has been subdivided into five distinctive facies belts which represents variable depositional events across the Hazelton Trough.

The Talkwa Formations are overlain by conformable fine-grained clastic and tuffaceous assemblages of the Lower

Pliensbachian to Middle Toarcian Nilkitkwa Formation. This formation indicates an abrupt and regional facies change from the underlying volcanic rocks. Volcanic rocks are prevalent throughout the formation, but are most voluminous near or at its top where three members have been defined.

The uppermost formation of the Hazelton Group is the Smithers Formation. It is characterized by a widespread, shallow marine, clastic tuff (see Figures 3 and 4).

The claim area may be underlain by Babine shelf facies and consists of subaqueous and subaerial pyroclastic volcanics intercalated with sediments. The geology should be mapped in detail.

MINERALIZATION

The most of the area is covered by glacial drift and few outcrops are seen in the area. The only mineralization is exposed in trenches. Most of the mineralization is noticed as fine fracture fillings and big blebs of chalcopyrite with numerous fine veinlets of calcite. The general mineral assemblage of pyrite, chalcopyrite, minor sphalerite, galena, tetrahedrite, and occasional very minor bornite is seen in host rock of fine-grained greenish andesitic volcanics. Malachite, specularite, barite, and epidote is also noticed. The host rock, quartz, calcite and epidote, occurs as gangue minerals. Some fine free gold is reported but the writer has not seen any.

SAMPLING

During examination of the property October 31 and November 1, 1987, the writer collected chips and grab samples. These samples were assayed by Chemex Labs Ltd., 212 Brooksbank Avenue, North Vancouver, B.C. Locations of these samples are marked on Figure No. 4. Assay values were returned as follows (see Appendix I):

Sample No.	Au oz/ton	Ag oz/ton	Cu %	Zn %	Width in Metres
2330	0.002	0.01	0.42	0.02	2.0 m chips
2331	0.008	0.02	0.42	0.02	Grab sample
2332	0.002	0.03	0.61	0.02	Grab sample
2333	0.002	0.01	0.08	0.02	2.1 m chips
2334	0.002	0.01	0.16	0.01	1.0 m chips
2335	0.002	0.01	0.01	0.01	Grab sample

Stephen B. Bishop of Stryder Exploration took chip samples from trenches and outcrops. These samples were assayed by ACME Analytical Laboratories Ltd., 852 East Hastings Street, Vancouver, and assayed for Cu, Pb, Zn, Ag, As and Sb in ppm, and Au in ppb. The locations of these samples are marked on Figure No. 4. The assay values vary from 11 to 32102 ppm Cu, 2 to 38 ppm Pb, 34 to 253 ppm Zn, 0.1 to 72.2 ppm Ag, 2 to 50 ppm As, and 1 to 18 ppb Au (see Appendix No. 1A).

GEOCHEMICAL SURVEY

Crisan Resources Limited established a grid of 38 line kilometres during the summer of 1987. Lines were spaced 100 metres apart with 25 metre station intervals. A total of 1150 soil samples were collected at each station from the "B" soil horizon. Eight hard rock chip samples were also collected due to the absence of soil and treated as soil samples. All samples were submitted to Acme Analytical Laboratories Ltd., 852 East Hastings Street, Vancouver B.C. for analysis. Samples were screened and -80 mesh fraction of soil was analyzed by ICP for Cu, Pb, Zn, Sb, As, Ag and reported in ppm. Gold was analysed by using atomic absorption method and reported in ppb (see Appendix II). The assay values varied from 5 to 438 ppm Cu, 2 to 88 ppm Pb, 35 to 6240 ppm Zn, 0.1 to 7.4 ppm Ag, 2 to 460 ppm As, 2 to 18 ppm Sb, and 1 to 80 ppb Au.

Values of two metals were separately plotted on the same grid map in an attempt to identify the anomalous zones. A histogram was constructed for each metal in order to find their backgrounds. Backgrounds for copper 50 ppm, lead 10 ppm, zinc 100 ppm, arsenic 10 ppm, antimony 5 ppm, and silver 0.5 ppm, but for gold 1.5 ppb. Most of the values show very low background due to heavy overburden in the area. The values were contoured but did not reflect any definite trend or any conclusive results. Distribution of high values are also very erratic. Erratic gold values are very close to the copper, arsenic and antimony anomalous zones. There is no one element which can be considered as a guide for gold tracing. Therefore soil samples should be assayed for mercury as well which might give some indication for tracing gold mineralization.

AIRBORNE MAGNETIC SURVEY

An airborne magnetic survey was carried out during July 1987 over 300 properties and surrounding area which included the Java, Perrow and Peeler mineral claims. This survey was carried out by Columbia Airborne Geophysical Services (1984) Ltd. totalling 114.4 line kilometres, under the supervision of Lloyd C. Brewer. The object of this survey was to help with the geological and structural mapping of the area and to find out the relationship of magnetic anomalies with the exposed mineralization.

The magnetic field within the property varied from a low of less than 2000 gammas to a high of 3500 gammas. The high magnetic values may be due to the intrusive bodies which carry magnetite such as gabbro dykes or plug. These high values also coincide with topographic highs which may be due to intrusive bodies. It has also been noticed that low magnetic zones in the northeast of the Java 300 claim coincide with the trenched area where some mineralization is exposed. Therefore these low magnetic zones may represent alteration zones.

CONCLUSIONS

The above study indicates that the property is located in a favourable geological and structural environment. The area overlies the Hazelton Group of volcanics and metasedimentary rocks of early and middle Jurassic age. The Hazelton Group of rocks represents eugeosynclinal island-arc sequence which was deposited in the Hazelton Trough. The Hazelton Group overlies the Triassic-Takla Group and underlies the middle to upper Jurassic Bowser Lake Group. Dome Mountain deposits of Canadian United Minerals Inc. also occurs in similar geological and structural environment.

A mineral assemblage of chalcopyrite, pyrite, minor sphalerite, galena, tetrahedrite, and occasionally very minor bornite is noticed. Calcite, quartz, epidote, hematite, and wallrocks occur as gangue minerals. This mineralization is noticed as fracture fillings in the area. The occurrence of free gold with chalcopyrite is reported in the trenched area.

The geochemical method of exploration is not very successful due to heavy overburden but some of the values are very interesting and have erratic high values. It also suggests that gold may be associated with arsenopyrite, zinc and copper but some soil samples should be assayed for mercury. The spacing of the grid should be about 30 metres apart with 25 metre station intervals.

Airborne magnetic high values coincide with the topographic highs which may be due to intrusive bodies. Magnetic high values may also coincide with a gossanized area as noticed

during the survey. This suggests that some of these highly anomalous zones should be tested by a ground magnetometer survey. On the other hand, it has also been noticed that the low magnetic anomalous zone also coincides with the area which is mineralized and exposed by trenching, which suggests that low magnetic zones may be due to alteration of hosting rocks.

The geological and structural environment is such which has a very good potential of hosting ore deposits of economic values. Some of the geochemical results are encouraging and soil sampling should be carried out on low magnetic anomalous areas. Therefore, further exploration work is warranted.

RECOMMENDATIONS

As a result of the above studies, it is recommended that the following program of exploration be undertaken.

1. The airborne magnetic high and low anomalous zones should be covered by ground magnetic survey, EM survey, and detailed soil sampling.

2. Soil samples should be assayed for arsenic, copper, zinc, mercury, gold and silver.

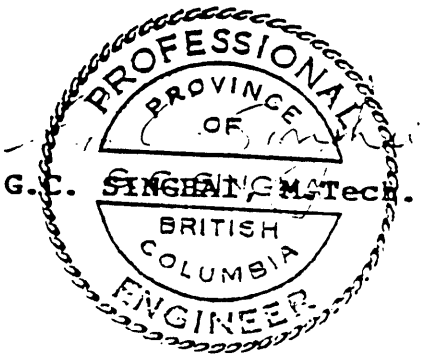
3. Geochemical, magnetic, and EM anomalies should be tested by trenching and bulldozing and diamond drilling.

4. The geology of the area should be mapped in detail.

5. It appears that mineralization is controlled by fractures. Therefore, photogeology should be carried out and fracture systems should be studied in detail.

This program can be implemented in two stages. The implementation of the second stage will depend on the success of the first stage.

Respectfully submitted,



G.C. SINGHAL, M.Tech., P.Eng.

Dated May 10, 1988
415 - 675 West Hastings Street
Vancouver, B.C. V6B 1N2

COST ESTIMATE

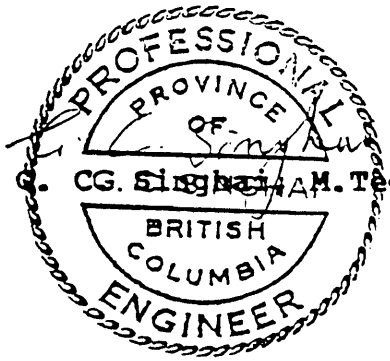
Stage I

1.	20 kilometres of line cutting @ $250/line kilometre	$ 5,000
2.	800 soil samples and analyses for Cu, As, Sb, Ag, Zn in ppm and Au in ppb @ $20/sample	16,000
3.	20 line kilometres of VLF-EM survey @ $200/line kilometre	4,000
4.	20 line kilometres ground magnetic survey @ $200/line kilometre	4,000
5.	Trenching and bulldozing	8,000
6.	Photogeology	4,000
7.	Geological mapping and prospecting	10,000
8.	Sampling and assaying	2,000
9.	Supervision and engineering	8,000
		61,000
	Contingencies @ 10%	6,100
		$ 67,100

Stage II

1.	1000 metres of diamond drilling @ $100/metre	$100,000
2.	Assaying	3,000
3.	Supervision and engineering	15,000
		118,000
	Contingencies 10%	11,800
		$129,800

Stage I	$ 67,100
Stage II	129,800
Net Total	**$196,900**



C.G. Singhai, M.Tech, P.Eng.

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Map #278A Prince Rupert Sheet, British Columbia. Scale 1" = 8 miles. Geology compiled from Survey by Geological Survey.

News Releases by Canadian United Minerals Inc. in World Investment News of September 1987.

APPENDICES

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Analytical Chemists • Geochemists • Registered Assayers
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PHONE (604) 984-0221

To : GIRAT ENGINEERING INTERNATIONAL LTD.
415 - 675 W. HASTINGS ST.
VANCOUVER, B.C.
V6B 1N2
Project :
Comments:

Page No. :
Tot. Page. :
Date : 16-NOV-87
Invoice # : I-8725767
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8725767

SAMPLE DESCRIPTION	PREP CODE		Cu %	Pb %	Zn %	Sb NAA %	Ag oz/T	Au oz/T				
3330 D	207	--	0.42	< 0.01	0.02	delay	0.01	< 0.002				
3331 D	207	--	0.42	< 0.01	0.02	delay	0.02	0.008				
3332 D	207	--	0.61	-----	0.02	delay	0.03	0.002				
3333 D	207	--	0.08	-----	0.02	-----	0.01	0.002				
3334 D	207	--	0.16	-----	0.01	-----	< 0.01	< 0.002				
3335 D	207	--	0.01	-----	0.01	-----	< 0.01	< 0.002				
3336 D	207	--	-----	-----	-----	-----	< 0.01	< 0.002	—			

APPENDIX 1

CERTIFICATE INCOMPLETE

CERTIFICATION : B Stewart

APPENDIX-IA

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
105+00N 110+25E	19	7	140	.2	9	2	1
105+00N 110+50E	22	8	92	.1	9	2	2
105+00N 110+75E	17	11	92	.1	13	2	1
105+00N 111+00E	21	5	99	.3	10	2	2
105+00N 111+25E	101	15	175	1.4	12	2	1
105+00N 111+50E	35	10	104	.5	7	2	4
105+00N 111+75E	41	5	131	.4	15	4	2
105+00N 112+00E	15	6	77	.1	5	2	1
104+00N 100+00E	23	5	135	.1	16	2	3
104+00N 100+25E	21	13	173	.3	10	2	1
104+00N 100+50E	26	17	132	.5	9	2	1
104+00N 100+75E	10	5	69	.3	5	2	1
104+00N 101+00E	23	56	356	.7	21	3	2
104+00N 101+25E	12	12	70	.1	8	2	1
104+00N 101+50E	25	12	136	.3	10	2	1
104+00N 101+75E	16	8	113	.2	12	2	2
104+00N 102+00E	28	9	143	.3	10	2	1
104+00N 102+25E	29	15	139	.2	12	2	1
104+00N 102+50E	12	5	71	.1	4	5	1
104+00N 102+75E	10	6	39	.1	4	2	1
104+00N 103+00E	22	17	137	.1	14	2	2
104+00N 103+25E	16	11	89	.1	11	2	1
104+00N 103+50E	13	6	83	.2	8	2	1
104+00N 103+75E	19	5	85	.2	5	2	1
104+00N 104+00E	10	7	60	.1	2	2	3
104+00N 104+25E	18	10	99	.2	7	2	1
104+00N 104+50E	20	11	87	.3	8	3	1
104+00N 104+75E	28	6	84	.8	4	2	1
104+00N 105+00E	13	4	79	.1	5	2	1
104+00N 105+25E	17	14	85	.1	6	2	1
104+00N 105+50E	17	9	80	.1	7	2	1
104+00N 105+75E	19	11	102	.1	7	2	2
104+00N 106+00E	11	2	54	.1	3	2	1
104+00N 106+25E	15	11	71	.1	7	2	1
104+00N 106+50E	17	6	96	.1	9	2	3
104+00N 106+75E	28	12	109	.3	7	2	1
STD C/AU-S	61	39	128	6.9	38	17	51

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
104+00N 107+00E	15	7	74	.2	5	2	1
104+00N 107+25E	19	7	77	.1	5	2	1
104+00N 107+50E	22	9	107	.1	6	2	1
104+00N 107+75E	17	4	84	.1	7	3	1
104+00N 108+00E	15	7	76	.1	6	2	2
104+00N 108+25E	17	6	97	.1	6	2	1
104+00N 108+50E	14	10	72	.1	6	2	1
104+00N 108+75E	12	9	64	.1	4	2	1
104+00N 109+00E	18	9	96	.2	6	2	1
104+00N 109+25E	17	9	85	.1	8	2	2
104+00N 109+50E	16	7	74	.1	8	2	1
104+00N 109+75E	20	10	106	.1	8	2	1
104+00N 110+00E	19	6	82	.2	4	2	1
104+00N 110+50E	23	8	111	.1	11	2	1
104+00N 110+75E	21	10	99	.2	11	2	1
104+00N 111+00E	13	8	90	.1	6	2	1
104+00N 111+25E	16	11	87	.1	7	2	2
104+00N 111+50E	17	9	86	.1	8	2	1
104+00N 111+75E	22	12	94	.1	10	2	1
103+00N 100+00E	26	5	108	.3	8	2	1
103+00N 100+25E	15	7	82	.1	5	2	1
103+00N 100+50E	12	9	68	.1	4	2	1
103+00N 100+75E	30	8	104	.2	6	2	1
103+00N 101+00E	25	8	107	.1	7	2	2
103+00N 101+25E	26	10	93	.4	7	2	1
103+00N 101+50E	19	6	95	.1	6	2	1
103+00N 101+75E	22	4	126	.2	5	2	1
103+00N 102+00E	16	5	83	.1	5	2	1
103+00N 102+25E	18	12	101	.1	8	2	1
103+00N 102+50E	40	9	121	.6	10	3	1
103+00N 102+75E	23	10	100	.1	12	2	1
103+00N 103+00E	30	13	114	.5	12	3	1
103+00N 103+25E	28	12	119	.2	16	2	1
103+00N 103+50E	17	6	121	.1	6	2	2
103+00N 103+75E	18	4	102	.1	9	2	1
103+00N 104+00E	14	4	94	.1	8	2	1
STD C/AU-S	61	38	131	7.3	37	18	51

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
103+00N 104+25E	28	13	112	.3	9	4	1
103+00N 104+50E	35	17	135	.4	9	2	1
103+00N 104+75E	33	14	140	.5	9	2	1
103+00N 105+00E	34	16	163	.3	15	3	1
103+00N 105+25E	17	2	71	.2	12	2	2
103+00N 105+50E	12	9	59	.2	8	2	1
103+00N 105+75E	17	15	80	.1	11	2	1
103+00N 106+00E	18	4	74	.2	10	2	1
103+00N 106+25E	13	10	70	.2	7	2	1
103+00N 106+50E	13	8	83	.1	7	2	2
103+00N 106+75E	19	8	76	.1	10	2	1
103+00N 107+00E	25	12	101	.1	12	2	1
STD C/AU-S	59	38	131	7.1	39	17	49
103+00N 107+25E	20	3	89	.1	9	2	1
103+00N 107+50E	30	7	105	.4	10	2	1
103+00N 107+75E	16	8	79	.1	10	2	1
103+00N 108+00E	23	6	104	.1	12	2	1
103+00N 108+25E	13	10	61	.1	8	2	2
103+00N 108+50E	14	5	76	.1	10	2	1
103+00N 108+75E	14	6	65	.3	10	2	1
103+00N 109+00E	27	14	92	.1	14	2	1
103+00N 109+25E	27	9	80	.4	6	2	1
103+00N 109+50E	19	10	89	.1	13	2	2
103+00N 109+75E	15	10	105	.1	10	2	1
103+00N 110+00E	17	5	107	.1	8	2	1
103+00N 110+25E	14	7	95	.1	6	2	1
103+00N 110+50E	55	8	137	.1	16	2	1
103+00N 110+75E	51	22	296	.7	22	2	1
103+00N 111+00E	14	18	120	.1	10	2	2
103+00N 111+25E	21	8	85	.1	8	2	1
103+00N 111+50E	15	8	107	.1	8	2	1
103+00N 111+75E	36	6	105	.3	12	2	1
103+00N 112+00E	24	7	106	.2	10	2	1
102+00N 100+50E	46	4	127	.3	8	2	1
102+00N 100+75E	28	3	145	.5	6	2	1
102+00N 101+00E	16	8	79	.1	6	2	2
102+00N 101+25E	24	10	100	.4	10	2	1

SAMPLE#		CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
102+00N	101+50E	53	5	222	.5	10	2	1
102+00N	101+75E	51	10	132	1.3	10	3	1
102+00N	102+00E	50	5	121	.7	8	3	1
102+00N	102+25E	54	5	145	.7	10	2	1
102+00N	102+50E	50	3	127	.9	6	2	1
102+00N	102+75E	42	2	80	.7	10	2	1
102+00N	103+00E	41	2	79	1.0	5	2	1
102+00N	103+50E	22	2	28	.4	2	3	1
102+00N	103+75E	77	3	145	1.5	13	2	1
102+00N	104+00E	50	5	126	1.0	8	2	2
102+00N	104+25E	27	6	64	.5	4	2	4
102+00N	104+50E	60	2	131	1.2	9	2	1
102+00N	104+75E	18	5	88	.1	6	4	1
102+00N	105+00E	34	8	127	.1	7	3	1
102+00N	105+25E	12	2	64	.3	5	2	1
102+00N	105+50E	16	9	108	.1	11	2	1
102+00N	105+75E	28	10	147	.1	9	2	1
102+00N	106+00E	28	9	132	.3	14	2	1
102+00N	106+25E	23	7	136	.4	9	2	1
102+00N	106+50E	16	2	86	.2	5	2	1
102+00N	106+75E	21	3	125	.1	13	2	1
102+00N	107+00E	26	12	79	.2	5	2	1
102+00N	107+25E	19	6	83	.4	5	2	4
102+00N	107+50E	28	2	96	.4	8	2	1
102+00N	107+75E	17	2	88	.2	8	3	1
102+00N	108+00E	12	2	64	.2	4	2	1
102+00N	108+25E	17	4	93	.2	7	5	1
102+00N	108+50E	19	2	74	.3	5	2	1
102+00N	108+75E	23	2	81	.2	7	2	7
102+00N	109+00E	21	3	72	.2	10	2	1
102+00N	109+25E	48	5	127	.7	16	2	1
102+00N	109+50E	23	5	85	.2	6	4	1
102+00N	109+75E	20	2	87	.1	6	2	1
102+00N	110+00E	20	7	76	.2	7	2	1
102+00N	110+25E	20	3	106	.2	5	2	1
102+00N	110+50E	17	2	89	.2	7	3	1
STD C/AU-S		63	37	133	7.3	40	15	48

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
102+00N 110+75E	16	10	71	.1	4	2	1
102+00N 111+00E	13	9	62	.1	7	2	1
102+00N 111+25E	23	11	103	.1	7	2	1
102+00N 111+50E	15	5	77	.2	7	2	1
102+00N 111+75E	18	8	114	.2	10	2	1
102+00N 112+00E	8	8	28	.1	3	2	1
100+00N 100+00E	31	6	130	.3	13	2	2
100+00N 100+25E	24	8	94	.1	8	2	1
100+00N 100+50E	19	11	59	.1	6	2	1
100+00N 100+75E	15	7	51	.1	5	2	2
100+00N 101+00E	17	7	59	.1	4	2	1
100+00N 101+25E	12	9	60	.1	5	2	1
100+00N 101+50E	18	9	72	.1	6	2	1
100+00N 101+75E	15	4	54	.1	4	2	1
100+00N 102+00E	16	7	59	.1	9	2	2
100+00N 102+25E	17	11	73	.1	13	2	2
100+00N 102+50E	8	5	35	.1	4	2	1
100+00N 102+75E	18	15	110	.1	11	2	2
100+00N 103+25E	71	7	79	.7	13	2	2
100+00N 103+75E	82	11	90	1.8	8	2	1
100+00N 104+00E	27	14	154	.2	14	2	1
100+00N 104+25E	36	11	171	.4	14	2	1
100+00N 104+50E	21	12	109	.1	8	2	1
100+00N 104+75E	23	13	119	.3	18	2	2
100+00N 105+00E	17	6	123	.3	3	2	1
100+00N 105+25E	53	8	171	1.0	10	2	1
100+00N 105+50E	28	11	121	.1	16	2	1
100+00N 105+75E	28	7	107	.3	12	2	1
100+00N 106+00E	18	11	86	.1	7	2	1
100+00N 106+25E	16	7	65	.2	5	2	2
100+00N 106+50E	16	3	90	.2	4	2	8
100+00N 106+75E	8	2	43	.1	2	2	1
100+00N 107+00E	14	9	78	.1	3	3	1
100+00N 107+25E	13	5	68	.1	4	2	1
100+00N 107+50E	14	3	65	.1	4	2	2
100+00N 107+75E	20	3	80	.2	7	2	1
STD C/AU-S	61	39	132	7.1	37	17	47

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
100+00N 108+00E	10	3	90	.1	2	2	1
100+00N 108+25E	13	7	83	.1	4	2	1
100+00N 108+50E	15	6	86	.1	3	2	1
100+00N 108+75E	12	6	62	.1	2	2	1
100+00N 109+00E	14	3	77	.1	4	2	13
100+00N 109+25E	10	3	63	.1	3	2	1
100+00N 109+50E	15	4	77	.2	3	2	1
100+00N 109+75E	17	7	70	.2	4	2	1
100+00N 110+00E	54	12	142	.9	8	2	1
100+00N 110+25E	25	8	98	.2	4	2	2
100+00N 110+50E P	8	4	49	.1	4	2	1
100+00N 110+75E	18	8	60	.3	4	2	1
100+00N 111+00E	25	4	76	.1	6	2	1
100+00N 111+25E	34	9	135	.7	4	2	1
100+00N 111+50E P	18	2	17	.4	2	2	1
100+00N 111+75E	32	7	81	.2	9	2	1
100+00N 112+00E	10	7	38	.1	5	2	1
99+00N 100+00E	18	4	82	.1	8	2	1
99+00N 100+25E	21	5	95	.1	5	2	1
99+00N 100+50E	46	8	130	.5	8	2	1
99+00N 100+75E	17	9	82	.1	4	2	1
99+00N 101+00E	9	10	40	.1	2	2	25
99+00N 101+25E	13	3	76	.1	3	2	1
99+00N 101+50E	23	10	108	.1	10	2	1
99+00N 101+75E	14	11	84	.1	5	2	1
99+00N 102+00E	15	6	63	.1	2	2	1
99+00N 102+25E	14	6	76	.1	2	2	1
99+00N 102+50E	16	2	126	.2	3	2	1
99+00N 102+75E	21	11	58	.1	6	4	1
99+00N 103+00E	27	8	66	.2	9	2	1
99+00N 103+25E	17	7	50	.2	3	2	2
99+00N 106+00E	25	12	149	.4	16	2	1
99+00N 108+00E	22	8	66	.1	7	3	1
99+00N 108+25E P	26	9	66	.3	2	2	1
99+00N 108+75E	15	17	82	.2	4	3	1
99+00N 109+00E	16	2	68	.1	4	2	1
STD C/AU-S	59	39	130	7.0	39	18	52

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
99+00N 109+25E	13	5	61	.1	6	2	3
99+00N 109+50E	16	7	71	.1	7	2	1
99+00N 109+75E	13	12	61	.2	3	2	1
99+00N 110+00E	16	10	72	.1	3	2	4
99+00N 110+25E	12	12	65	.1	3	2	1
99+00N 110+75E	20	10	97	.3	9	2	1
99+00N 111+00E	20	11	86	.1	8	2	1
99+00N 111+25E	16	9	96	.1	10	2	1
99+00N 111+50E	18	8	88	.1	7	2	1
99+00N 111+75E	30	12	63	.5	11	2	1
99+00N 112+00E	18	7	84	.1	10	2	1
98+00N 101+00E	17	11	113	.2	7	2	1
98+00N 101+25E	18	11	96	.1	10	2	1
98+00N 101+50E	11	9	44	.1	4	2	12
98+00N 101+75E	7	9	28	.1	2	2	1
98+00N 102+00E	15	6	68	.1	3	2	1
98+00N 102+25E	16	6	66	.1	3	2	3
98+00N 102+50E	15	8	39	.3	3	2	4
98+00N 102+75E	9	14	34	.1	2	2	3
98+00N 103+00E	14	17	77	.1	8	2	1
98+00N 103+25E	68	20	130	1.4	26	2	1
98+00N 103+50E	18	5	74	.1	8	2	1
98+00N 103+75E	13	14	61	.1	5	3	1
98+00N 104+00E	14	7	68	.1	6	3	1
98+00N 104+25E	26	9	92	.2	9	4	1
98+00N 104+50E	17	13	112	.1	9	2	1
98+00N 104+75E	25	7	99	.3	8	4	1
98+00N 105+00E	13	6	63	.1	8	3	1
98+00N 105+25E	29	4	83	.4	7	2	2
98+00N 105+50E	28	25	92	.2	8	4	2
98+00N 107+00E	23	8	69	.1	5	3	1
98+00N 107+25E	15	7	61	.1	6	2	7
98+00N 107+50E	16	8	75	.1	4	2	1
98+00N 107+75E	10	5	59	.1	2	2	1
98+00N 108+00E	20	17	76	.1	11	2	1
98+00N 108+25E	17	12	73	.2	5	2	1
STD C/AU-S	61	41	132	7.0	35	17	49

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
98+00N 108+50E	9	5	38	.2	4	2	1
98+00N 108+75E	9	7	45	.2	3	2	1
98+00N 109+00E	13	8	66	.3	5	2	2
98+00N 109+25E	13	7	59	.2	6	2	1
98+00N 109+50E	19	9	85	.2	6	2	1
98+00N 109+75E	19	12	84	.3	7	2	1
98+00N 110+00E	11	6	47	.2	6	2	4
98+00N 110+25E	13	5	69	.2	5	2	2
98+00N 110+50E	17	6	71	.1	5	2	2
98+00N 110+75E	14	10	72	.3	7	2	1
98+00N 111+00E	16	12	65	.1	5	2	1
98+00N 111+25E	8	7	41	.1	3	2	1
98+00N 111+50E	14	6	61	.1	6	2	2
98+00N 111+75E	22	9	78	.2	10	2	2
98+00N 112+00E	18	8	80	.2	10	2	1
97+00N 101+00E	23	10	79	.2	14	2	1
97+00N 101+25E	9	7	49	.2	5	2	1
97+00N 101+50E	19	8	111	.3	14	2	1
97+00N 101+75E	15	9	96	.5	8	2	4
97+00N 102+00E	16	11	99	.3	11	2	1
97+00N 102+25E	21	12	84	.5	14	2	2
97+00N 102+50E	15	8	142	.1	11	2	1
97+00N 102+75E	9	9	57	.2	5	2	1
97+00N 103+00E	14	9	65	.1	7	2	2
97+00N 103+25E	33	20	132	.3	18	2	3
97+00N 103+50E	18	13	110	.2	13	2	1
97+00N 104+00E	13	6	70	.2	9	2	1
97+00N 104+25E	32	10	89	.7	8	2	2
97+00N 104+50E	18	8	103	.1	12	2	1
97+00N 104+75E	16	5	68	.1	8	2	1
97+00N 105+00E	39	10	103	.7	13	2	1
97+00N 105+25E	32	8	84	.3	9	2	4
97+00N 105+50E	40	9	93	.5	9	2	1
97+00N 106+00E	24	9	88	.1	9	2	1
97+00N 106+25E	34	9	104	.3	13	2	1
97+00N 107+25E	18	2	73	.3	7	2	1
STD C/AU-S	60	40	131	7.1	40	18	51

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
97+00N 107+75E	15	5	72	.1	6	2	1
97+00N 108+00E	19	4	82	.1	5	2	1
97+00N 108+50E	12	3	53	.1	4	2	1
97+00N 108+75E	11	6	42	.1	4	2	3
97+00N 109+00E	14	8	57	.1	4	2	1
97+00N 109+25E	10	9	37	.1	2	2	1
97+00N 109+50E	20	11	83	.1	8	2	1
97+00N 109+75E	22	6	74	.2	6	2	1
97+00N 110+00E	24	6	74	.1	4	2	1
97+00N 110+25E	27	5	84	.3	4	2	1
97+00N 110+50E	14	6	74	.1	3	2	2
97+00N 110+75E	23	2	100	.2	8	2	1
97+00N 111+00E	20	12	165	.4	8	2	4
97+00N 111+25E	27	13	82	.1	8	2	2
97+00N 111+50E	33	5	116	.3	4	2	1
97+00N 111+75E	19	4	59	.1	7	2	3
97+00N 112+00E	14	6	58	.1	6	2	1
97+00N 112+25E	18	9	67	.1	6	2	1
97+00N 112+50E	18	8	171	.1	10	2	2
97+00N 112+75E	14	9	64	.1	6	2	1
97+00N 113+00E	14	10	90	.1	9	2	5
97+00N 113+25E	25	11	92	.1	17	2	1
97+00N 113+50E	14	6	41	.1	3	3	1
97+00N 113+75E	23	3	58	.2	4	2	1
97+00N 114+00E	43	14	172	.5	13	2	3
97+00N 114+25E	26	7	54	.1	8	2	1
97+00N 114+50E	24	9	62	.1	8	2	1
97+00N 114+75E	18	5	65	.1	5	2	1
97+00N 115+00E	38	6	94	.2	7	2	1
96+00N 100+75E	56	10	116	.5	9	2	1
96+00N 101+00E	23	8	109	.1	7	2	1
96+00N 101+25E	15	9	90	.2	9	2	1
96+00N 101+50E	11	5	68	.1	2	2	1
96+00N 102+00E	64	11	216	.7	10	2	3
96+00N 102+25E	52	11	131	.8	14	2	1
96+00N 102+50E	15	16	88	.1	6	2	1
STD C/AU-S	62	38	132	7.2	37	17	50

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
96+00N 102+75E	13	7	53	.1	2	3	1
96+00N 103+00E	16	16	73	.1	6	2	1
96+00N 103+25E	18	15	77	.1	11	2	1
96+00N 103+50E	24	9	141	.1	15	2	1
96+00N 103+75E	18	6	70	.1	9	2	1
STD C/AU-S	61	37	130	7.2	38	18	51
96+00N 104+00E	20	10	96	.1	12	2	1
96+00N 104+25E	15	8	71	.1	5	2	1
96+00N 104+50E	29	9	134	.3	7	2	1
96+00N 104+75E	25	10	118	.2	6	2	2
96+00N 105+00E	27	10	89	.2	21	3	3
96+00N 105+25E	26	8	85	.3	7	2	1
96+00N 105+50E	28	14	134	.4	7	2	1
96+00N 105+75E	8	7	22	.1	2	3	1
96+00N 106+00E	26	6	162	.4	6	2	2
96+00N 106+25E	20	9	91	.3	9	2	1
96+00N 106+50E	47	14	166	.5	14	2	1
96+00N 106+75E	24	10	78	.2	6	2	1
96+00N 107+00E	12	13	76	.1	3	2	1
96+00N 107+25E	19	6	81	.4	6	2	1
96+00N 107+50E	35	9	89	.2	8	2	1
96+00N 107+75E	54	8	131	1.5	13	2	1
96+00N 108+00E	38	9	144	.3	10	2	1
96+00N 108+25E	50	15	147	.8	14	2	1
96+00N 108+50E	26	7	107	.2	10	2	1
96+00N 108+75E	17	4	69	.1	8	2	1
96+00N 109+00E	21	6	89	.2	4	2	1
96+00N 109+25E	44	46	202	1.2	9	3	1
96+00N 109+50E	15	7	74	.1	5	2	1
96+00N 109+75E	13	3	64	.1	4	2	1
96+00N 110+00E	12	6	54	.1	5	2	1
96+00N 110+25E	11	7	64	.2	4	2	1
96+00N 110+50E	19	8	58	.1	7	2	1
96+00N 110+75E	14	5	53	.1	5	2	2
96+00N 111+00E	17	5	127	.3	8	2	1
96+00N 111+25E	11	5	62	.1	4	2	1
96+00N 111+50E	15	6	75	.1	6	3	1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
96+00N 111+75E	26	13	85	.1	6	2	1
96+00N 112+00E	17	4	102	.2	5	2	1
96+00N 112+25E	19	9	122	.1	2	2	1
96+00N 112+50E	17	7	104	.1	7	2	2
96+00N 112+75E	14	10	64	.1	4	2	1
96+00N 113+00E	18	9	85	.2	4	2	1
96+00N 113+25E	21	8	90	.3	5	2	1
96+00N 113+50E	18	9	97	.1	9	2	1
96+00N 113+75E	20	8	75	.1	10	2	2
96+00N 114+00E	14	5	56	.2	5	2	1
96+00N 114+25E	29	5	95	.2	6	2	1
96+00N 114+50E	28	3	116	.1	4	2	2
96+00N 114+75E	17	2	89	.2	7	2	1
96+00N 115+00E	42	10	98	.5	7	2	1
95+00N 100+00E	38	15	90	1.0	8	2	1
95+00N 100+50E	34	7	116	.2	7	2	2
95+00N 100+75E	16	15	67	.3	4	2	1
95+00N 101+00E	25	14	95	.1	6	2	1
95+00N 101+25E	16	10	66	.1	4	2	1
95+00N 101+50E	17	5	56	.3	4	2	2
95+00N 101+75E	19	4	111	.1	5	2	1
95+00N 102+00E	13	5	64	.1	4	2	1
95+00N 102+25E	11	6	59	.1	4	2	1
95+00N 102+50E	20	2	90	.1	9	2	2
95+00N 102+75E	19	14	121	.1	9	2	1
95+00N 103+00E	18	9	93	.1	8	2	1
95+00N 103+25E	12	2	59	.1	4	3	1
95+00N 103+50E	15	16	97	.3	8	2	1
95+00N 103+75E	16	11	76	.1	10	2	3
95+00N 104+00E	19	6	89	.3	4	2	1
95+00N 104+25E	18	8	103	.2	9	2	1
95+00N 104+50E	23	12	95	.3	13	2	1
95+00N 104+75E	18	4	93	.3	5	2	1
95+00N 105+00E	17	6	62	.5	4	2	2
95+00N 105+25E	22	5	90	.1	9	2	2
95+00N 105+50E	74	18	180	.5	9	2	1
STD C/AU-S	61	39	130	7.2	38	17	49

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
95+00N 105+75E	17	9	86	.2	13	2	1
95+00N 106+00E	92	12	133	.7	13	2	1
95+00N 106+25E	15	6	64	.1	8	2	3
95+00N 106+50E	24	4	84	.3	12	3	1
95+00N 106+75E	33	6	118	.1	14	2	2
95+00N 107+00E	32	17	133	.1	17	2	1
95+00N 107+25E	60	10	119	.7	17	2	1
95+00N 107+50E	17	8	67	.1	9	3	2
95+00N 107+75E	11	6	47	.1	7	3	1
95+00N 108+00E	30	13	84	.5	8	2	1
95+00N 108+25E	30	10	64	.2	10	2	1
95+00N 108+50E	34	6	63	.8	7	2	1
95+00N 108+75E	22	6	68	.1	9	2	1
95+00N 109+00E	13	4	107	.1	7	2	1
95+00N 109+25E	21	11	127	.2	20	2	1
95+00N 109+50E	8	6	52	.1	3	2	1
95+00N 109+75E	22	4	61	.2	5	3	1
95+00N 110+00E	15	9	67	.1	10	2	1
95+00N 110+25E	14	7	62	.2	6	2	1
95+00N 110+50E	10	4	43	.1	4	2	1
95+00N 110+75E	7	4	36	.1	2	2	1
95+00N 111+00E	21	9	94	.1	12	2	1
95+00N 111+25E	11	8	59	.1	6	2	1
95+00N 111+50E	81	2	44	.3	3	3	5
95+00N 111+75E	16	4	77	.1	9	2	1
95+00N 112+00E	11	7	42	.2	7	2	1
95+00N 112+25E	30	10	157	.1	20	2	1
95+00N 112+50E	15	8	128	.1	5	2	1
95+00N 112+75E	48	7	95	.1	12	2	1
95+00N 113+00E	19	8	96	.2	15	2	1
95+00N 113+25E	16	7	83	.1	7	2	1
95+00N 113+50E	26	6	96	.2	7	2	1
95+00N 113+75E	65	9	111	.4	10	2	1
95+00N 114+00E	19	7	82	.1	10	2	1
95+00N 114+25E	18	4	90	.1	9	2	1
95+00N 114+50E	15	10	86	.1	10	2	1
STD C/AU-S	62	38	132	7.2	39	17	50

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
95+00N 114+75E	52	11	121	.6	9	2	1
95+00N 115+00E	20	10	83	.2	8	2	1
94+00N 100+00E	35	6	100	.3	9	2	1
94+00N 100+25E	18	9	76	.1	5	2	1
94+00N 100+50E	27	9	98	.3	9	2	1
94+00N 100+75E	32	8	95	.3	9	2	1
94+00N 101+00E	14	4	64	.2	6	2	1
94+00N 101+25E	28	12	123	.1	11	2	1
94+00N 101+50E	21	9	92	.1	7	2	1
94+00N 101+75E	21	5	78	.2	10	2	1
94+00N 102+00E	25	9	101	.2	14	2	1
94+00N 102+25E	27	11	95	.1	13	2	1
94+00N 102+50E	27	9	88	.2	9	2	1
94+00N 102+75E	20	9	72	.3	11	2	1
94+00N 103+00E	16	9	69	.2	8	2	1
94+00N 103+25E	36	9	136	.3	9	2	1
94+00N 103+50E	74	7	253	1.3	12	2	1
94+00N 103+75E	16	5	184	.1	3	2	1
94+00N 104+00E	9	2	219	.2	2	2	1
94+00N 104+25E	7	7	70	.2	3	2	1
94+00N 104+50E	12	10	50	.1	7	2	1
94+00N 104+75E	17	10	150	.1	3	2	2
94+00N 105+00E	16	6	65	.2	7	2	1
94+00N 105+25E	22	10	82	.1	9	2	1
94+00N 105+50E	48	8	112	.4	10	2	1
94+00N 105+75E	82	10	146	.8	14	2	1
94+00N 106+00E	54	12	202	.2	9	2	1
94+00N 106+25E	15	7	74	.1	11	2	1
94+00N 106+50E	19	9	103	.1	9	2	1
94+00N 106+75E	23	13	118	.2	10	2	1
94+00N 107+00E	20	9	88	.2	9	2	1
94+00N 107+25E	63	9	61	.6	7	2	1
94+00N 107+75E	20	13	53	.3	9	2	1
94+00N 108+00E	86	10	160	.8	14	2	1
94+00N 108+25E	36	9	92	.5	8	2	1
94+00N 108+50E	14	5	74	.1	5	2	1
STD C/AU-S	60	38	132	7.1	35	18	47

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
94+00N 108+75E	16	5	71	.2	2	2	3
94+00N 109+00E	9	9	48	.1	3	2	1
94+00N 109+25E	25	8	65	.4	3	2	1
94+00N 110+50E	17	5	60	.3	3	2	1
94+00N 110+75E	9	2	34	.4	5	2	1
94+00N 111+00E	11	10	50	.1	4	2	1
94+00N 111+25E	21	7	104	.2	11	2	1
94+00N 111+50E	27	13	106	.2	13	5	1
94+00N 111+75E	42	12	102	.2	11	3	2
94+00N 112+00E	49	12	111	.4	10	2	1
94+00N 112+50E	13	8	83	.3	4	2	2
94+00N 112+75E	28	5	147	.4	12	2	1
94+00N 113+00E	22	9	120	.2	9	2	1
94+00N 113+25E	18	6	78	.2	7	3	1
94+00N 113+50E	76	14	145	.8	13	2	1
94+00N 113+75E	20	9	118	.2	11	3	1
94+00N 114+00E	20	13	128	.4	12	2	2
93+00N 105+75E	39	6	128	.4	9	2	1
93+00N 106+00E	17	8	73	.2	6	4	4
93+00N 106+25E	35	12	118	.5	10	4	1
93+00N 106+50E	25	9	69	.3	3	2	1
93+00N 106+75E	12	10	71	.1	4	2	1
93+00N 107+00E	19	7	69	.2	6	2	1
93+00N 107+25E	30	8	112	.8	9	2	1
93+00N 107+50E	20	9	119	.3	9	2	2
93+00N 107+75E	19	13	77	.1	7	2	3
93+00N 108+00E	20	11	130	.3	7	3	1
93+00N 108+25E	15	7	56	.1	4	2	1
93+00N 108+50E	15	8	83	.1	5	2	1
STD C/AU-S	62	39	128	7.0	38	18	47
93+00N 108+75E	16	13	71	.1	4	2	1
93+00N 109+00E	26	10	132	.1	7	2	1
93+00N 109+25E	15	8	57	.1	3	2	2
93+00N 109+50E	35	11	118	.1	6	2	1
93+00N 109+75E	76	9	191	.7	12	2	1
93+00N 110+00E	16	9	107	.1	11	2	1
93+00N 110+25E	41	10	87	.3	11	2	1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
93+00N 110+50E	25	5	140	.3	14	2	1
93+00N 110+75E	34	9	140	.3	9	2	1
93+00N 111+00E	63	8	170	.6	8	2	1
93+00N 111+25E	55	10	171	1.0	10	2	1
93+00N 111+50E	57	12	163	1.0	13	2	1
93+00N 112+25E	26	14	75	.3	9	2	9
93+00N 112+50E	14	9	71	.1	6	2	1
93+00N 112+75E	19	9	78	.1	9	2	1
93+00N 113+00E	26	14	113	.2	9	2	1
93+00N 113+25E	18	12	93	.2	9	2	1
93+00N 113+50E	37	9	90	.4	12	2	1
93+00N 113+75E	21	9	85	.1	11	2	1
93+00N 114+00E	15	4	143	.2	9	2	1
93+00N 114+25E	16	6	112	.2	8	2	2
93+00N 114+50E	21	5	131	.2	6	2	1
93+00N 114+75E	18	3	112	.1	5	2	1
93+00N 115+00E	26	6	146	.3	7	2	1
92+00N 100+00E	21	9	104	.2	11	2	1
92+00N 100+25E	9	6	46	.1	2	2	1
92+00N 100+50E	17	5	117	.1	8	2	1
92+00N 100+75E	26	3	92	.2	10	2	1
92+00N 101+00E	51	7	165	.4	10	2	1
92+00N 101+25E	25	8	81	.2	10	2	1
92+00N 101+50E	15	6	78	.1	6	2	1
92+00N 101+75E	18	4	79	.1	7	2	4
92+00N 102+00E	22	3	87	.1	7	2	1
92+00N 102+25E	19	7	101	.1	8	2	1
92+00N 102+50E	15	7	89	.1	8	2	1
92+00N 102+75E	18	6	78	.1	7	2	1
92+00N 103+00E	21	6	84	.3	6	2	1
92+00N 103+25E	25	4	95	.1	11	2	1
92+00N 103+50E	18	3	66	.2	4	2	1
92+00N 103+75E	18	8	153	.1	10	2	1
92+00N 104+00E	17	6	127	.3	4	2	1
92+00N 104+25E	17	9	58	.1	7	2	2
92+00N 104+50E	26	9	106	.1	12	2	1
STD C/AU-S	62	36	132	7.1	35	18	51

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
92+00N 104+75E	19	6	182	.1	3	2	2
92+00N 105+25E	18	9	130	.2	8	2	1
92+00N 105+50E	18	7	81	.1	8	2	1
92+00N 105+75E	18	6	108	.2	3	2	1
92+00N 106+00E	10	6	69	.1	3	2	2
92+00N 106+25E	20	7	124	.2	6	2	1
92+00N 106+50E	15	10	71	.1	8	2	1
92+00N 106+75E	32	6	95	.4	6	2	1
92+00N 107+00E	74	11	139	.5	8	2	1
92+00N 107+25E	29	7	103	.1	6	2	1
92+00N 107+50E	43	12	133	.5	8	2	1
92+00N 107+75E	62	10	153	.9	10	2	1
92+00N 108+00E	44	9	138	.7	9	2	1
92+00N 108+25E	22	3	78	.2	6	2	1
92+00N 108+50E	31	8	171	.4	5	2	1
92+00N 108+75E	20	8	90	.2	8	2	1
92+00N 109+00E	23	9	129	.1	10	2	1
92+00N 109+25E	25	6	97	.2	8	2	1
92+00N 109+50E	17	7	77	.1	5	2	1
92+00N 109+75E	21	8	68	.1	7	2	2
92+00N 110+25E	41	7	107	.9	5	2	1
92+00N 111+00E	43	9	138	1.3	9	2	1
92+00N 111+50E	20	9	60	.3	4	2	1
92+00N 111+75E	17	8	93	.2	2	2	1
92+00N 112+00E	15	6	90	.2	9	2	1
91+00N 100+00E	37	6	111	.1	6	2	1
91+00N 100+25E	79	13	129	1.1	6	2	1
91+00N 100+50E	32	10	102	.4	8	2	1
91+00N 100+75E	17	8	75	.1	8	2	1
91+00N 101+00E	55	9	115	.4	11	2	1
91+00N 101+25E	24	11	67	.1	8	2	1
91+00N 101+50E	27	7	122	.2	11	2	2
91+00N 101+75E	14	5	75	.1	5	2	2
91+00N 102+00E	103	10	201	.9	5	2	1
91+00N 102+25E	29	5	96	.1	8	2	1
91+00N 102+75E	26	7	140	.2	12	2	1
STD C/AU-S	63	36	132	6.9	36	17	47

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
91+00N 103+00E	14	10	74	.2	8	2	1
91+00N 103+25E	18	11	100	.2	10	2	1
91+00N 103+50E	30	5	92	.3	12	2	80
91+00N 103+75E	29	8	86	.2	12	2	1
91+00N 104+00E	46	9	133	.7	10	2	1
91+00N 104+25E	14	12	60	.2	7	2	1
91+00N 104+50E	22	6	76	.2	8	2	1
91+00N 104+75E	19	10	102	.3	10	2	1
91+00N 105+00E	20	4	104	.3	7	2	1
91+00N 105+25E	37	6	135	.4	8	2	1
91+00N 105+50E	35	10	109	.4	10	2	1
91+00N 105+75E	54	5	146	.5	10	2	1
91+00N 106+00E	15	9	82	.2	8	2	1
91+00N 106+25E	11	8	51	.1	6	3	1
91+00N 106+50E	12	7	59	.1	5	2	1
91+00N 106+75E	13	9	39	.1	4	2	1
91+00N 107+00E	13	8	56	.1	7	2	1
91+00N 107+25E	21	6	105	.1	12	2	1
91+00N 107+50E	15	5	103	.1	8	2	1
91+00N 107+75E	29	10	117	.2	12	2	1
91+00N 108+00E	9	5	81	.1	4	2	1
91+00N 108+25E	24	6	63	.2	5	2	1
91+00N 108+50E	32	9	95	.1	12	2	1
91+00N 108+75E	19	9	127	.1	6	2	1
91+00N 109+00E	18	8	75	.4	8	2	1
91+00N 109+25E	14	5	89	.3	10	4	1
91+00N 109+50E	15	7	66	.1	7	2	1
91+00N 109+75E	12	7	75	.1	8	2	1
91+00N 110+00E	21	8	102	.3	12	2	1
91+00N 110+25E	15	5	90	.1	8	2	1
91+00N 110+50E	29	10	104	.3	10	2	1
91+00N 110+75E	18	7	79	.1	10	2	1
91+00N 111+00E	52	8	105	.5	9	2	1
91+00N 111+25E	23	5	96	.2	8	2	1
91+00N 111+50E	15	3	140	.1	9	2	1
91+00N 111+75E	14	7	86	.2	9	2	1
STD C/AU-S	62	38	129	7.1	37	17	48

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
91+00N 112+00E	27	14	107	.1	9	2	1
90+00N 100+00E	25	9	97	.2	10	2	1
STD C/AU-S	60	39	129	7.2	37	18	52
90+00N 100+25E	9	5	35	.1	2	2	1
90+00N 100+50E	20	12	71	.1	10	2	1
90+00N 100+75E	13	4	72	.1	3	2	1
90+00N 101+00E	21	5	81	.1	4	2	1
90+00N 101+25E	76	11	159	.8	15	2	1
90+00N 101+50E	93	17	155	.5	12	2	1
90+00N 101+75E	18	7	71	.1	7	2	1
90+00N 102+00E	20	7	89	.1	6	2	1
90+00N 102+25E	15	6	76	.1	7	2	2
90+00N 102+50E	13	7	69	.1	7	2	1
90+00N 102+75E	10	5	63	.1	2	2	1
90+00N 103+00E	17	7	117	.1	6	2	1
90+00N 103+25E	70	12	235	.4	19	2	1
90+00N 103+50E	30	10	108	.1	7	2	1
90+00N 103+75E	22	11	135	.1	8	2	1
90+00N 104+25E	23	7	66	.1	5	2	1
90+00N 104+50E	23	7	78	.2	10	2	1
90+00N 104+75E	21	5	111	.1	6	2	1
90+00N 105+00E	61	15	195	.7	11	2	1
90+00N 105+25E	15	6	74	.1	8	2	1
90+00N 105+50E	14	8	70	.1	7	2	1
90+00N 105+75E	14	4	75	.1	4	2	1
90+00N 106+00E	21	7	75	.3	5	2	1
90+00N 106+25E	23	9	116	.2	10	2	1
90+00N 106+50E	15	6	68	.1	4	2	1
90+00N 106+75E	14	4	60	.1	4	2	1
90+00N 107+00E	19	7	79	.1	10	2	1
90+00N 107+25E	18	8	77	.1	11	2	1
90+00N 107+50E	22	7	89	.1	9	2	1
90+00N 107+75E	15	8	68	.1	7	2	1
90+00N 108+00E	19	10	110	.1	7	2	1
90+00N 108+25E	22	3	90	.1	10	2	1
90+00N 108+50E	19	4	61	.1	4	2	1
90+00N 108+75E	22	4	102	.1	11	2	1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
90+00N 109+00E	24	11	115	.3	11	2	1
90+00N 109+25E	21	4	84	.3	5	2	1
90+00N 109+50E	17	10	77	.1	7	2	1
90+00N 109+75E	21	5	82	.2	14	2	1
90+00N 110+00E	27	15	100	.3	12	3	1
90+00N 110+25E	24	8	94	.4	10	2	9
90+00N 110+50E	22	12	107	.2	6	2	1
90+00N 110+75E	18	2	109	.2	9	2	1
90+00N 111+00E	20	4	84	.2	4	2	1
90+00N 111+25E	23	13	93	.2	9	3	1
90+00N 111+50E	76	15	177	.8	10	2	3
100+00E 110+00N	27	13	152	.2	12	2	1
100+00E 109+75N	14	10	63	.1	5	2	1
100+00E 109+50N	85	18	252	2.6	22	4	2
100+00E 109+25N	25	8	164	.1	16	4	1
100+00E 109+00N	27	5	131	.3	12	2	1
100+00E 108+75N	18	13	160	.5	12	2	4
100+00E 108+50N	15	14	123	.4	8	2	1
100+00E 108+25N	41	6	140	.8	13	2	3
100+00E 108+00N	19	10	141	.3	11	2	1
100+00E 107+75N	21	16	122	.1	14	2	1
100+00E 107+50N	25	20	143	.5	19	2	1
100+00E 107+25N	25	16	143	.1	13	2	1
100+00E 107+00N	19	19	223	.3	10	3	1
100+00E 106+75N	31	15	117	.2	14	3	1
100+00E 106+50N	38	16	511	.5	12	2	3
100+00E 106+25N	19	8	167	.1	16	3	1
100+00E 106+00N	21	12	130	.3	12	2	1
100+00E 105+75N	57	5	739	1.1	13	2	1
100+00E 105+50N	22	7	109	.1	17	3	2
100+00E 105+25N	17	21	86	.2	13	2	1
100+00E 105+00N	30	5	157	.3	16	3	1
100+00E 104+75N	28	16	198	.4	15	2	1
100+00E 104+50N	29	15	105	.3	12	2	1
100+00E 104+25N	18	20	134	.4	8	2	2
100+00E 104+00N	17	10	90	.1	8	2	1
STD C/AU-S	60	40	132	7.3	38	18	48

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
100+00E 103+75N	20	11	110	.1	12	2	1
100+00E 103+50N	21	8	115	.2	10	2	1
100+00E 103+25N	13	8	81	.1	9	2	1
100+00E 103+00N	23	15	119	.1	17	2	1
100+00E 102+75N	19	13	113	.1	19	2	1
100+00E 102+50N	15	10	93	.1	46	2	1
100+00E 102+25N	17	11	95	.2	14	2	1
100+00E 102+00N	21	14	114	.1	16	2	2
100+00E 101+75N	21	12	144	.1	21	2	2
100+00E 101+50N	9	11	41	.1	4	2	1
100+00E 101+25N	41	30	431	1.6	23	2	1
100+00E 101+00N	23	9	241	.5	14	2	1
100+00E 100+75N	15	9	71	.1	11	2	1
100+00E 100+50N	34	21	155	.2	60	3	1
100+00E 100+25N	16	6	118	.1	12	2	1
100+00E 100+00N	18	12	419	.4	16	2	1
101+00E 110+00N	19	12	106	.1	13	2	1
101+00E 109+75N	24	11	96	.1	15	2	2
101+00E 109+50N	24	10	490	.6	19	3	1
101+00E 109+25N	26	18	408	.8	93	2	1
101+00E 109+00N	17	9	104	.1	5	2	1
101+00E 108+75N	23	27	369	.4	31	2	2
101+00E 108+50N	23	38	172	.5	16	2	1
101+00E 108+25N	30	6	184	.4	14	2	1
101+00E 108+00N	25	14	121	.4	17	2	1
101+00E 107+75N	24	11	89	.1	12	2	1
101+00E 107+50N	20	9	87	.2	12	2	2
101+00E 107+25N	21	8	85	.3	11	2	3
101+00E 107+00N	21	10	107	.2	10	2	1
101+00E 106+75N	89	10	4619	1.6	36	2	1
101+00E 106+50N	18	6	102	.1	11	3	1
101+00E 106+25N	15	6	64	.2	10	2	1
101+00E 106+00N	50	12	251	.7	12	2	1
101+00E 105+75N	20	10	142	.1	11	2	1
101+00E 105+50N	33	8	172	.4	12	2	1
101+00E 105+25N	14	7	81	.1	135	2	1
STD C/AU-S	61	39	132	7.1	40	17	50

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
101+00E 105+00N	17	13	179	.2	13	2	1
101+00E 104+75N	20	44	277	.2	20	2	1
101+00E 104+50N	13	15	85	.2	11	2	1
101+00E 104+25N	26	68	277	.4	22	2	1
101+00E 104+00N	29	32	516	.3	20	2	2
101+00E 103+75N	18	19	176	.2	15	2	1
101+00E 103+50N	11	15	53	.2	6	2	1
101+00E 103+25N	21	21	191	.2	16	2	1
101+00E 103+00N	33	21	494	.6	23	2	1
101+00E 102+75N	25	13	287	.2	15	2	1
101+00E 102+50N	22	13	105	.3	10	2	1
101+00E 102+25N	23	5	130	.1	15	2	1
101+00E 102+00N	69	9	302	.7	22	2	2
101+00E 101+75N	82	11	314	1.5	20	2	1
101+00E 101+50N	80	13	225	2.0	20	2	1
101+00E 101+25N	31	11	150	.4	16	2	1
101+00E 101+00N	54	14	132	.6	14	2	2
101+00E 100+75N	21	13	133	.1	12	2	1
101+00E 100+50N	13	11	62	.1	6	2	1
101+00E 100+25N	19	11	75	.2	9	2	1
101+00E 100+00N	14	8	64	.1	8	2	1
102+00E 110+00N	26	16	88	.2	13	3	1
102+00E 109+75N	15	8	80	.1	8	2	1
102+00E 109+50N	14	10	59	.1	7	2	1
102+00E 109+25N	24	8	101	.1	10	2	1
102+00E 109+00N	28	17	104	.1	15	2	1
102+00E 108+75N	14	9	53	.1	5	2	1
102+00E 108+50N	17	10	83	.1	7	2	1
102+00E 108+25N	20	6	77	.2	8	2	2
102+00E 108+00N	23	10	119	.2	15	2	1
102+00E 107+75N	23	11	102	.3	9	2	1
102+00E 107+50N	23	10	129	.3	11	2	1
102+00E 107+25N	13	8	56	.1	6	2	1
102+00E 107+00N	23	16	144	.5	40	2	1
102+00E 106+75N	16	5	73	.3	11	2	1
102+00E 106+50N	28	11	103	.1	13	2	2
STD C/AU-S	62	39	132	7.0	37	18	50

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
102+00E 106+25N	18	9	196	.3	22	2	1
102+00E 106+00N	17	12	100	.2	11	2	1
102+00E 105+75N	16	9	91	.1	9	2	1
102+00E 105+50N	23	9	123	.1	12	2	1
102+00E 105+25N	17	11	126	.1	9	2	1
102+00E 105+00N	14	4	71	.2	5	2	1
102+00E 104+75N	25	12	142	.1	15	2	1
102+00E 104+50N	20	16	216	1.0	87	2	1
102+00E 104+25N	22	30	390	.9	75	2	1
102+00E 104+00N	20	13	182	.2	22	2	4
102+00E 103+75N	174	10	6240	2.5	62	6	1
102+00E 103+00N	39	83	537	1.1	70	2	1
102+00E 102+75N	24	37	204	1.1	47	2	1
102+00E 102+50N	35	11	911	1.0	191	3	1
102+00E 102+25N	52	10	453	2.1	51	2	1
102+00E 102+00N	34	11	127	.6	15	2	1
102+00E 101+75N	16	7	76	.1	8	2	66
102+00E 101+50N	25	6	278	.2	16	2	1
102+00E 101+25N	46	20	1114	.5	460	2	1
102+00E 101+00N	40	12	144	.7	12	4	1
102+00E 100+75N	18	7	79	.1	8	2	1
102+00E 100+50N	66	12	144	.7	12	2	1
102+00E 100+25N	89	12	166	.5	11	2	1
102+00E 100+00N	30	8	81	.2	10	2	1
103+00E 110+00N	27	11	139	.2	12	2	1
103+00E 109+75N	12	10	45	.1	5	2	1
103+00E 109+50N	10	4	33	.1	3	2	1
103+00E 109+25N	19	14	74	.2	9	2	1
103+00E 109+00N	14	8	47	.3	4	2	1
103+00E 108+75N	19	7	72	.2	11	2	1
103+00E 108+50N	21	6	100	.1	12	2	1
103+00E 108+25N	18	6	67	.2	7	2	1
103+00E 108+00N	10	9	39	.1	2	2	1
103+00E 107+75N	33	22	119	.2	11	2	1
103+00E 107+50N	14	8	55	.1	7	2	1
103+00E 107+25N	12	3	68	.1	5	2	1
STD C/AU-S	61	37	132	7.1	39	17	51

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
103+00E 107+00N	14	15	53	.1	6	2	1
103+00E 106+75N	21	10	84	.1	17	4	1
103+00E 106+50N	17	9	93	.1	8	2	1
103+00E 106+25N	23	7	227	.5	12	3	1
103+00E 106+00N	33	8	111	.1	11	2	2
103+00E 105+75N	22	9	104	.1	10	2	1
103+00E 105+50N	37	5	84	.1	10	2	1
103+00E 105+25N	23	7	109	.1	8	2	1
103+00E 105+00N	27	11	110	.2	25	2	2
103+00E 104+75N	31	11	192	.4	13	2	1
103+00E 104+50N	26	9	84	.3	9	2	1
103+00E 104+25N	45	14	135	.3	13	2	2
103+00E 104+00N	24	8	111	.1	11	3	1
103+00E 103+75N	17	10	80	.3	8	2	1
103+00E 103+50N	14	9	48	.2	6	2	1
103+00E 103+25N	21	4	75	.1	10	2	2
103+00E 103+00N	12	6	49	.1	8	2	1
103+00E 102+75N	22	9	74	.1	11	2	1
103+00E 102+50N	23	10	92	.2	11	2	1
103+00E 102+25N	23	10	145	.2	10	2	1
103+00E 102+00N	23	10	89	.1	12	2	1
103+00E 101+75N	22	12	105	.1	8	3	2
103+00E 101+50N	17	10	81	.1	9	2	1
103+00E 101+25N	54	13	137	.4	12	3	1
103+00E 101+00N	27	8	95	.1	10	2	1
103+00E 100+75N	28	12	126	.2	9	2	1
103+00E 100+50N	22	10	98	.1	8	2	1
103+00E 100+25N	22	9	76	.1	10	2	2
103+00E 100+00N	26	9	98	.1	15	3	1
104+00E 110+00N	14	12	65	.1	7	2	1
104+00E 109+75N	12	8	64	.1	5	2	2
104+00E 109+50N	5	7	12	.1	2	2	1
104+00E 109+25N	16	9	72	.1	7	2	1
104+00E 109+00N	12	6	84	.1	6	2	2
104+00E 108+75N	15	6	74	.1	8	2	1
104+00E 108+50N	22	14	82	.2	8	2	1
STD C/AU-S	60	38	131	6.9	39	17	50

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
104+00E 108+25N	19	5	83	.1	9	4	2
104+00E 108+00N	16	5	141	.1	6	2	1
104+00E 107+75N	20	6	89	.1	8	2	1
104+00E 107+50N	32	5	102	.1	5	2	1
104+00E 107+25N	30	18	188	.4	11	2	1
104+00E 107+00N	19	9	85	.2	11	2	1
104+00E 106+75N	16	7	64	.1	6	2	1
104+00E 106+50N	44	13	123	.8	14	2	1
104+00E 106+00N	23	12	103	.2	15	2	1
104+00E 105+75N	13	6	71	.1	9	2	1
104+00E 105+50N	12	5	52	.2	6	2	2
104+00E 105+25N	16	7	66	.1	7	2	1
104+00E 105+00N	15	7	69	.1	6	2	1
104+00E 104+75N	26	10	90	.3	9	2	1
104+00E 104+50N	13	7	52	.1	5	2	1
104+00E 104+25N	31	10	115	.1	11	2	1
104+00E 104+00N	14	6	62	.1	4	2	1
104+00E 103+75N	17	8	70	.1	8	2	1
104+00E 103+50N	20	11	87	.1	9	2	1
104+00E 103+25N	22	6	104	.1	8	2	2
104+00E 103+00N	18	9	72	.1	9	2	1
104+00E 102+75N	20	9	84	.1	8	2	1
104+00E 102+50N	15	8	171	.1	7	2	1
104+00E 102+25N	16	11	76	.1	7	2	1
104+00E 102+00N	8	8	36	.1	3	2	2
104+00E 101+75N	18	9	82	.2	10	2	1
104+00E 101+50N	35	7	123	.2	27	2	1
104+00E 101+25N	24	9	90	.3	14	2	1
104+00E 101+00N	12	11	44	.1	5	2	1
104+00E 100+75N	22	6	121	.2	12	2	1
104+00E 100+50N	14	9	30	.1	3	3	1
104+00E 100+25N	22	9	120	.1	10	2	1
104+00E 100+00N	23	12	107	.2	8	2	1
105+00E 110+00N	20	10	88	.1	9	2	2
105+00E 109+75N	19	11	88	.1	6	2	1
105+00E 109+50N	54	12	139	.3	17	2	1
STD C/AU-S	60	38	129	7.0	37	17	53

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
105+00E 109+25N	45	14	162	.3	13	5	1
STD C/AU-S	62	39	134	7.2	37	18	50
105+00E 109+00N	23	8	106	.1	9	2	1
105+00E 108+75N	24	11	92	.1	10	2	1
105+00E 108+50N	15	8	66	.1	6	2	1
105+00E 108+25N	22	7	114	.2	12	2	1
105+00E 108+00N	19	8	88	.1	9	2	1
105+00E 107+75N	24	11	76	.1	9	2	1
105+00E 107+50N	29	13	131	.2	9	2	1
105+00E 107+25N	33	12	158	.2	12	2	1
105+00E 107+00N	18	8	73	.1	10	2	1
105+00E 106+75N	10	8	45	.1	4	2	1
105+00E 106+50N	20	7	80	.1	10	2	1
105+00E 106+25N	20	8	108	.1	13	3	1
105+00E 106+00N	19	9	163	.1	11	3	1
105+00E 105+75N	26	11	103	.1	11	2	2
105+00E 105+50N	12	3	46	.1	7	2	1
105+00E 105+25N	42	9	128	.1	13	2	1
105+00E 105+00N	14	6	47	.1	3	2	1
105+00E 104+75N	26	7	120	.1	14	2	1
105+00E 104+50N	12	9	38	.1	6	2	4
105+00E 104+25N	18	10	73	.1	9	2	1
105+00E 104+00N	19	11	79	.1	11	2	1
105+00E 103+75N	43	8	118	.1	9	2	1
105+00E 103+50N	33	10	133	.3	9	3	1
105+00E 103+25N	63	8	125	1.1	9	2	1
105+00E 103+00N	77	10	140	1.5	12	2	2
105+00E 102+75N	75	9	168	1.3	16	3	1
105+00E 102+50N	19	8	94	.1	8	2	1
105+00E 102+25N	31	10	131	.1	11	2	1
105+00E 102+00N	27	14	164	.1	16	2	1
105+00E 101+75N	29	10	127	.2	14	2	1
105+00E 101+50N	24	10	111	.1	12	2	1
105+00E 101+25N	29	16	124	.1	17	2	1
105+00E 101+00N	21	9	77	.1	12	2	1
105+00E 100+75N	16	8	49	.1	7	2	1
105+00E 100+50N	19	10	100	.1	10	2	1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
105+00E 100+25N	10	5	44	.1	3	2	1
105+00E 100+00N	16	6	82	.1	10	2	2
106+00E 110+00N	49	7	168	.2	17	2	1
106+00E 109+75N	25	8	108	.1	15	2	2
106+00E 109+50N	16	8	68	.1	11	2	1
106+00E 109+25N	20	8	115	.2	14	2	2
106+00E 109+00N	45	27	121	.6	17	2	14
106+00E 108+50N	17	5	73	.2	7	2	2
106+00E 108+00N	17	8	60	.1	8	2	3
106+00E 107+50N	16	10	84	.1	11	2	1
106+00E 107+25N	10	9	67	.1	3	2	2
106+00E 107+00N	12	9	69	.1	5	2	1
106+00E 106+75N	18	7	107	.1	13	2	2
106+00E 106+50N	17	6	126	.1	13	2	2
106+00E 106+25N	14	6	98	.1	9	2	1
106+00E 106+00N	15	8	95	.1	10	2	1
106+00E 105+75N	14	10	68	.1	7	2	2
106+00E 105+50N	55	12	172	.9	16	2	2
106+00E 105+25N	28	14	99	.1	15	2	1
106+00E 105+00N	27	9	120	.3	10	2	1
106+00E 104+75N	16	12	69	.1	9	2	1
106+00E 104+50N	27	11	121	.1	17	2	3
106+00E 104+25N	20	6	83	.1	11	2	1
106+00E 104+00N	22	11	85	.1	9	2	1
106+00E 103+75N	22	9	88	.2	6	2	1
106+00E 103+50N	21	9	76	.2	8	2	1
106+00E 103+25N	27	7	99	.3	9	2	2
106+00E 103+00N	16	9	71	.1	13	2	1
106+00E 102+75N	15	15	58	.1	11	2	2
106+00E 102+50N	22	4	104	.1	6	2	1
106+00E 102+25N	13	7	65	.1	9	2	2
106+00E 102+00N	17	4	83	.1	10	2	1
106+00E 101+75N	21	8	101	.1	13	2	1
106+00E 101+50N	17	9	76	.1	7	3	2
106+00E 101+25N	18	7	79	.1	8	2	2
106+00E 101+00N	35	18	116	.3	10	2	1
STD C/AU-S	59	38	132	7.3	38	17	53

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
106+00E 100+75N	20	3	69	.1	4	2	1
106+00E 100+50N	23	7	95	.1	11	2	2
106+00E 100+25N	29	10	111	.1	11	2	1
106+00E 100+00N	16	7	75	.1	7	2	1
107+00E 110+00N	20	5	81	.1	9	2	1
107+00E 109+75N	14	9	65	.1	6	2	1
107+00E 109+50N	15	5	53	.1	6	2	1
107+00E 109+25N	28	2	171	.2	13	2	1
107+00E 109+00N	15	5	93	.1	8	2	1
107+00E 108+00N	24	8	100	.1	9	2	1
107+00E 107+75N	35	5	116	.1	10	2	1
107+00E 107+50N	15	6	65	.1	7	2	1
107+00E 107+25N	11	4	47	.1	3	2	1
107+00E 107+00N	9	4	39	.1	4	2	3
107+00E 106+75N	18	10	100	.2	11	2	1
107+00E 106+50N	21	9	94	.1	10	2	1
107+00E 106+25N	24	7	115	.1	14	2	2
107+00E 106+00N	18	4	84	.1	12	2	1
107+00E 105+75N	13	10	57	.1	8	2	1
107+00E 105+50N	42	6	138	1.1	8	3	1
107+00E 105+25N	18	6	129	.2	12	2	1
107+00E 105+00N	32	6	158	.2	11	2	1
107+00E 104+75N	20	2	140	.1	10	2	1
107+00E 104+50N	34	7	114	.1	9	2	1
107+00E 104+25N	46	12	185	.2	16	2	1
107+00E 104+00N	18	7	94	.1	6	2	1
107+00E 103+75N	34	9	207	.1	9	2	2
107+00E 103+50N	16	8	80	.2	6	2	1
107+00E 103+25N	23	8	115	.2	9	2	1
107+00E 103+00N	23	11	126	.2	9	2	1
107+00E 102+75N	14	11	73	.1	4	2	1
107+00E 102+50N	21	11	114	.1	11	2	1
107+00E 102+25N	15	11	69	.1	5	2	1
107+00E 102+00N	19	10	122	.2	11	3	1
107+00E 101+75N	11	10	40	.1	4	3	1
108+00E 110+00N	41	10	152	.3	10	2	1
STD C/AU-S	62	38	132	7.2	38	18	49

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
108+00E 109+50N	18	9	73	.1	7	2	1
108+00E 109+25N	23	9	124	.3	8	2	1
108+00E 109+00N	15	8	44	.1	9	3	1
108+00E 108+75N	33	10	198	.3	10	2	1
108+00E 108+50N	27	10	129	.1	11	2	1
108+00E 107+25N	22	8	91	.1	9	2	1
108+00E 107+00N	10	6	36	.1	4	3	1
108+00E 106+75N	19	8	74	.1	13	2	1
108+00E 106+50N	16	7	73	.2	7	2	1
108+00E 106+25N	8	8	37	.1	4	3	1
108+00E 106+00N	18	7	63	.2	10	2	1
108+00E 105+75N	14	6	70	.1	6	2	1
108+00E 105+50N	24	9	95	.1	13	3	1
108+00E 105+25N	48	15	133	.2	10	2	1
108+00E 105+00N	33	8	122	.1	10	2	2
108+00E 104+75N	21	6	85	.4	14	2	1
108+00E 104+50N	20	11	91	.1	13	2	1
108+00E 104+25N	18	6	111	.1	8	2	1
108+00E 104+00N P	36	10	243	.4	5	2	1
108+00E 103+75N	19	12	88	.1	11	2	14
108+00E 103+50N	22	11	155	.1	7	2	1
108+00E 103+25N P	72	15	495	.7	6	2	1
108+00E 103+00N	35	10	196	.2	11	2	1
108+00E 102+75N	84	12	189	1.2	14	4	1
108+00E 102+50N	46	11	122	.3	10	2	1
108+00E 102+25N	73	15	216	.3	14	2	1
108+00E 102+00N	19	7	95	.1	8	2	1
108+00E 101+75N	18	9	99	.2	7	2	1
108+00E 101+50N	23	9	100	.1	4	2	1
108+00E 101+25N	35	10	72	.4	10	2	1
108+00E 101+00N	21	7	70	.1	10	2	1
109+00E 110+00N	66	17	200	.4	13	2	1
109+00E 109+75N	21	6	85	.1	10	2	1
109+00E 109+50N	32	10	78	.2	11	2	1
109+00E 109+25N	18	13	82	.1	6	2	1
109+00E 109+00N	32	15	156	.2	8	2	1
STD C/AU-S	59	37	130	7.4	38	17	51

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
109+00E 108+25N	14	13	60	.2	8	2	1
109+00E 108+00N	29	10	158	.3	11	2	1
109+00E 107+75N	17	8	93	.1	10	2	1
109+00E 107+50N	19	11	102	.2	14	2	1
109+00E 107+25N	34	9	102	.2	12	2	1
109+00E 107+00N	8	8	27	.1	2	3	1
109+00E 106+75N	10	11	39	.1	5	2	1
109+00E 106+25N	14	7	37	.1	6	2	1
109+00E 106+00N	25	10	107	.3	10	2	2
109+00E 105+00N	40	11	181	.3	16	2	1
109+00E 104+75N	19	7	97	.1	9	2	1
109+00E 104+50N	19	9	92	.1	11	2	1
109+00E 104+25N	27	10	80	.3	8	2	1
109+00E 104+00N	22	10	77	.4	6	2	1
109+00E 103+75N	28	12	93	.2	11	2	1
109+00E 103+50N	21	6	107	.3	5	2	1
109+00E 103+00N	13	8	71	.1	7	2	1
109+00E 102+75N	52	9	228	.4	7	2	1
109+00E 102+50N	438	17	236	1.9	16	2	1
109+00E 102+25N	45	9	132	.9	8	2	1
109+00E 102+00N	19	15	68	.2	4	2	1
109+00E 101+75N	29	14	121	.2	11	2	1
109+00E 101+50N	58	12	96	.5	11	2	1
109+00E 101+25N	40	11	129	.3	10	2	1
109+00E 101+00N	29	7	79	.2	9	2	1
109+00E 100+75N	42	9	95	.3	7	2	1
109+00E 100+50N	44	8	141	.6	11	2	1
109+00E 100+25N	31	6	102	.3	8	2	1
109+00E 100+00N	28	10	102	.2	10	2	1
110+00E 110+00N	30	6	126	.2	13	2	1
110+00E 109+25N	13	8	43	.2	5	4	1
110+00E 109+00N	10	6	43	.2	7	2	2
110+00E 108+75N	15	8	52	.2	6	2	1
110+00E 108+50N	15	10	65	.1	9	2	1
110+00E 108+25N	10	10	40	.2	4	4	1
110+00E 108+00N	10	9	43	.1	6	2	1
STD C/AU-S	59	37	132	7.0	39	16	51

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
110+00E 107+75N	24	7	73	.1	7	2	1
111+00E 110+00N	47	14	112	.1	10	2	1
111+00E 109+75N	74	12	123	.6	12	2	1
111+00E 109+50N	31	8	77	.1	7	2	1
111+00E 109+25N	15	2	140	.1	7	2	1
111+00E 109+00N	53	9	119	.2	9	2	1
111+00E 108+75N	18	11	87	.2	10	2	1
111+00E 108+50N	105	14	111	1.6	6	2	1
111+00E 108+25N	38	8	187	.3	12	2	1
111+00E 108+00N	54	9	210	.2	5	2	2
111+00E 107+50N	27	12	212	.2	10	2	1
111+00E 107+00N	21	9	278	.1	7	2	3
111+00E 105+75N	11	9	54	.1	5	2	1
111+00E 105+50N	15	12	65	.1	8	2	1
111+00E 105+25N	21	14	79	.1	11	2	1
111+00E 105+00N	12	6	65	.1	4	2	2
111+00E 104+50N	20	6	71	.1	8	2	1
111+00E 104+25N	84	15	219	.8	11	2	2
111+00E 104+00N	44	8	181	.3	6	2	1
111+00E 103+75N	24	7	95	.1	8	2	2
111+00E 103+50N	23	5	105	.1	11	2	1
111+00E 102+50N	19	8	232	.2	2	2	2
111+00E 101+75N	60	10	180	.5	7	2	4
111+00E 101+50N	40	14	117	.4	7	2	2
111+00E 101+25N	25	8	99	.1	13	2	2
111+00E 101+00N	19	9	70	.1	9	2	1
111+00E 100+75N	14	9	50	.1	4	2	3
111+00E 100+50N	71	12	194	.3	6	2	1
111+00E 100+25N	25	8	75	.1	5	2	1
111+00E 100+00N	26	10	149	.4	8	2	1
112+00E 109+50N	25	14	155	.2	8	2	1
112+00E 109+25N	119	14	285	.4	6	4	1
112+00E 109+00N	57	11	248	.4	9	2	1
112+00E 108+75N	22	9	171	.1	7	2	1
112+00E 107+50N	12	12	50	.1	2	2	1
112+00E 107+25N	14	7	55	.2	4	2	1
STD C/AU-S	61	39	130	7.0	37	18	52

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
112+00E 106+75N	13	6	40	.1	4	2	1
112+00E 106+50N	23	9	126	.2	8	2	1
112+00E 106+25N	71	9	145	.6	4	2	1
112+00E 106+00N	38	9	144	.2	6	2	2
112+00E 105+75N	24	7	97	.3	6	2	1
112+00E 105+50N	27	10	85	.1	12	2	1
112+00E 105+25N	23	8	56	.1	4	2	2
112+00E 105+00N	16	6	51	.2	6	2	1
112+00E 104+75N	34	7	80	.2	5	2	2
112+00E 104+50N	44	10	117	.5	10	2	1
112+00E 103+50N	17	5	23	.1	2	2	2
112+00E 103+25N	24	7	71	.1	6	2	2
112+00E 102+50N	42	10	105	.3	7	2	1
112+00E 102+25N	27	9	73	.2	7	2	1
112+00E 102+00N	13	4	46	.1	4	2	1
112+00E 101+75N	24	8	101	.1	11	2	1
112+00E 101+50N	31	5	75	.1	9	2	1
112+00E 101+25N	20	7	67	.1	7	2	1
112+00E 101+00N	14	4	49	.1	4	2	2
112+00E 100+75N	28	9	95	.3	11	2	1
112+00E 100+50N	31	14	95	.1	11	2	1
112+00E 100+25N	24	10	69	.1	8	2	1
112+00E 100+00N	28	7	79	.1	10	2	2
STD C/AU-S	62	37	131	6.9	35	18	50

APPENDIX 1A

STRYDER EXPLORATION PROJECT-300 FILE # 87-4100 Page 33

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
TRENCH #2	7627	2	134	.7	2	3	1
TRENCH #3	7698	5	187	1.0	2	2	1
TRENCH #9	1818	3	64	.5	6	2	18
TRENCH #10	3978	5	72	.4	2	2	1
TRENCH #11	443	3	43	.1	3	2	1
L104+00E 92+00N	52	2	34	.1	4	2	1
L106+00E 101+00N	49	4	156	.1	3	2	1
PEELER/WOLFE 3+00S	11	2	108	.1	50	2	1
PEELER/WOLFE 3+20S	13	2	87	.1	29	2	2
UP 7/8	32102	4	253	72.2	25	2	2
STD C/AU-R	60	37	132	6.9	36	16	480

APPENDIX-II

APPENDIX 2

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: SEPT 12 1987
DATE REPORT MAILED: Sept. 23/87.

GEOCHEMICAL ICP ANALYSIS

.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 CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-32 SOILS P33-ROCKS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

P.20 AGSW, PULP R1500

ASSAYER: . . . . DEAN TOYE, CERTIFIED B.C. ASSAYER

STRYDER EXPLORATION PROJECT-300 File # 87-4100 Page 1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU* PPB
105+00N 100+00E	55	8	185	.8	10	2	1
105+00N 100+25E	30	6	125	.6	11	4	2
105+00N 100+50E	27	10	137	.5	8	2	2
105+00N 100+75E	56	88	283	.7	21	2	1
105+00N 101+00E	34	12	122	.4	7	2	1
105+00N 101+25E	26	10	97	.4	7	2	1
105+00N 101+50E	12	5	56	.2	3	2	1
105+00N 101+75E	28	2	108	.5	7	3	1
105+00N 102+00E	69	13	184	.7	15	2	1
105+00N 102+25E	17	9	94	.3	13	2	1
105+00N 102+50E	18	13	121	.3	6	2	1
105+00N 102+75E	9	5	65	.2	4	2	1
105+00N 103+00E	8	6	49	.1	3	2	1
105+00N 103+25E	42	19	169	.5	14	2	1
105+00N 103+50E	65	13	195	1.3	18	4	2
105+00N 104+75E	103	19	168	1.4	18	2	1
105+00N 105+00E	75	6	124	1.2	17	2	2
105+00N 105+25E	17	9	114	.3	6	2	1
105+00N 105+50E	28	19	167	.3	16	2	1
105+00N 105+75E	19	4	100	.3	15	2	1
105+00N 106+00E	19	4	80	.3	8	2	1
105+00N 106+25E	14	6	88	.4	7	2	1
105+00N 106+50E	19	5	80	.2	7	2	1
105+00N 106+75E	10	4	45	.2	2	2	1
105+00N 107+00E	18	9	83	.1	10	2	1
105+00N 107+25E	32	7	122	.5	7	2	1
STD C/AU-S	58	38	128	6.9	39	18	48
105+00N 107+50E	18	15	77	.2	7	2	1
105+00N 107+75E	19	6	105	.1	7	2	1
105+00N 108+00E	14	8	73	.2	4	3	1
105+00N 108+25E	22	9	126	.3	9	2	1
105+00N 108+50E	17	7	89	.2	8	2	1
105+00N 100+00E	31	16	140	.1	3	2	1
105+00N 100+25E	24	21	183	.2	12	2	1
105+00N 100+50E	16	5	80	.3	7	2	1
105+00N 100+75E	17	17	88	.3	9	3	1
105+00N 110+00E	18	12	87	.1	8	2	1

MAPS

CRISAN RESOURCES LTD.

B.C. LOCATION MAP

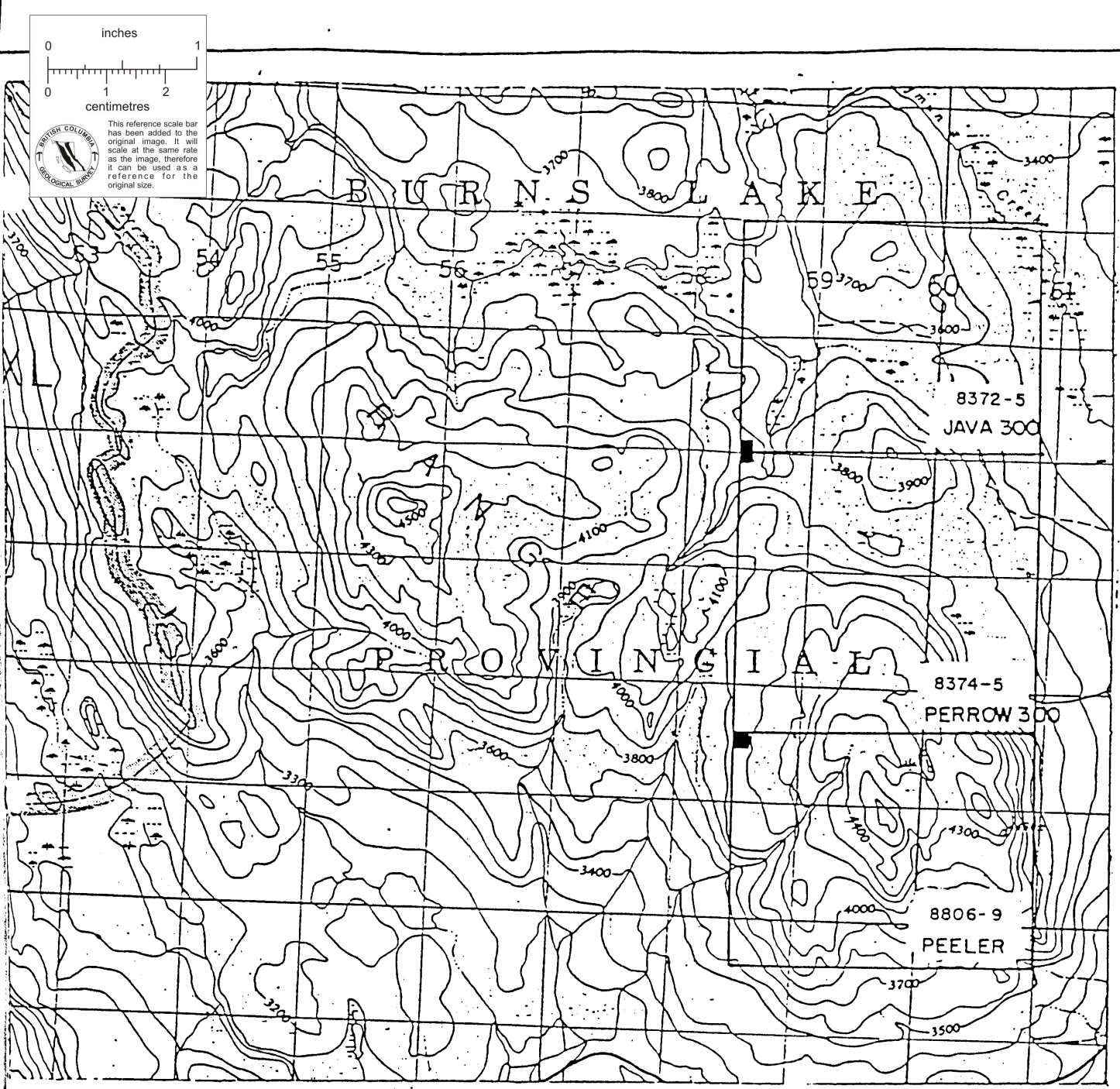
JAVA 300, PERROW 300 &
PEELER CLAIMS
PERROW, OMINECA M.D., B.C.

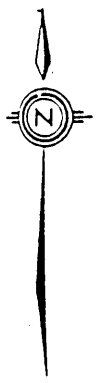
PROPERTY

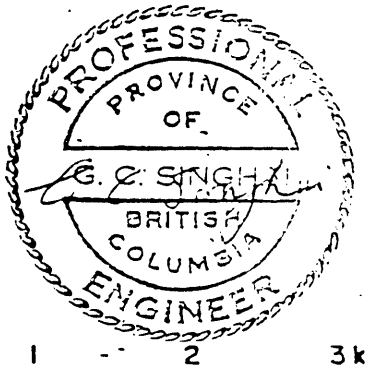
GOLD & CACHE CLAIMS
KAY CREEK, CLINTON M.D., B.C.

PROPERTY

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. C. SINCLAIR







0 .5 1 2 3 km

CRISAN RESOURCES LTD.

JAVA 300, PERROW 300, & PEELER PROPERTIES

PERROW, OMINECA M.D., B.C.

CLAIM MAP

N.T.S 93 L/10	AUGUST 1987	SCALE 1:50000	FIG 2

LEGEND

CENOZOIC

TERTIARY

POST-EOCENE

10 — *Basalt, minor andesite, agglomerate and tuff*

EOCENE OR OLIGOCENE

9 — *Sandstone, conglomerate*

EOCENE (?)

8 — *Rhyolite*

7 — *Chiefly granite and diorite*

CRETACEOUS OR TERTIARY

UPPER CRETACEOUS OR YOUNGER

6 — *Sandstone, greywacke, argillite, minor quartzite, conglomerate, and andesite*

MESOZOIC

JURASSIC OR CRETACEOUS

5a, 5b, 5c, 5d, 5e — *Andesite, andesite breccia, rhyolite, 4a, argillite, conglomerate*

JURASSIC

3 — *Andesite, rhyolite, and related tuffs, minor argillite*

2 — *Argillite, argillaceous quartzite, quartzite, limestone, tuff*

1 — *Andesite, agglomerate, water-lain tuff, minor basalt and rhyolite*

HAZELTON GROUP

Granite Older than 4; age relations to 1, 2, and 3 unknown

MESOZOIC

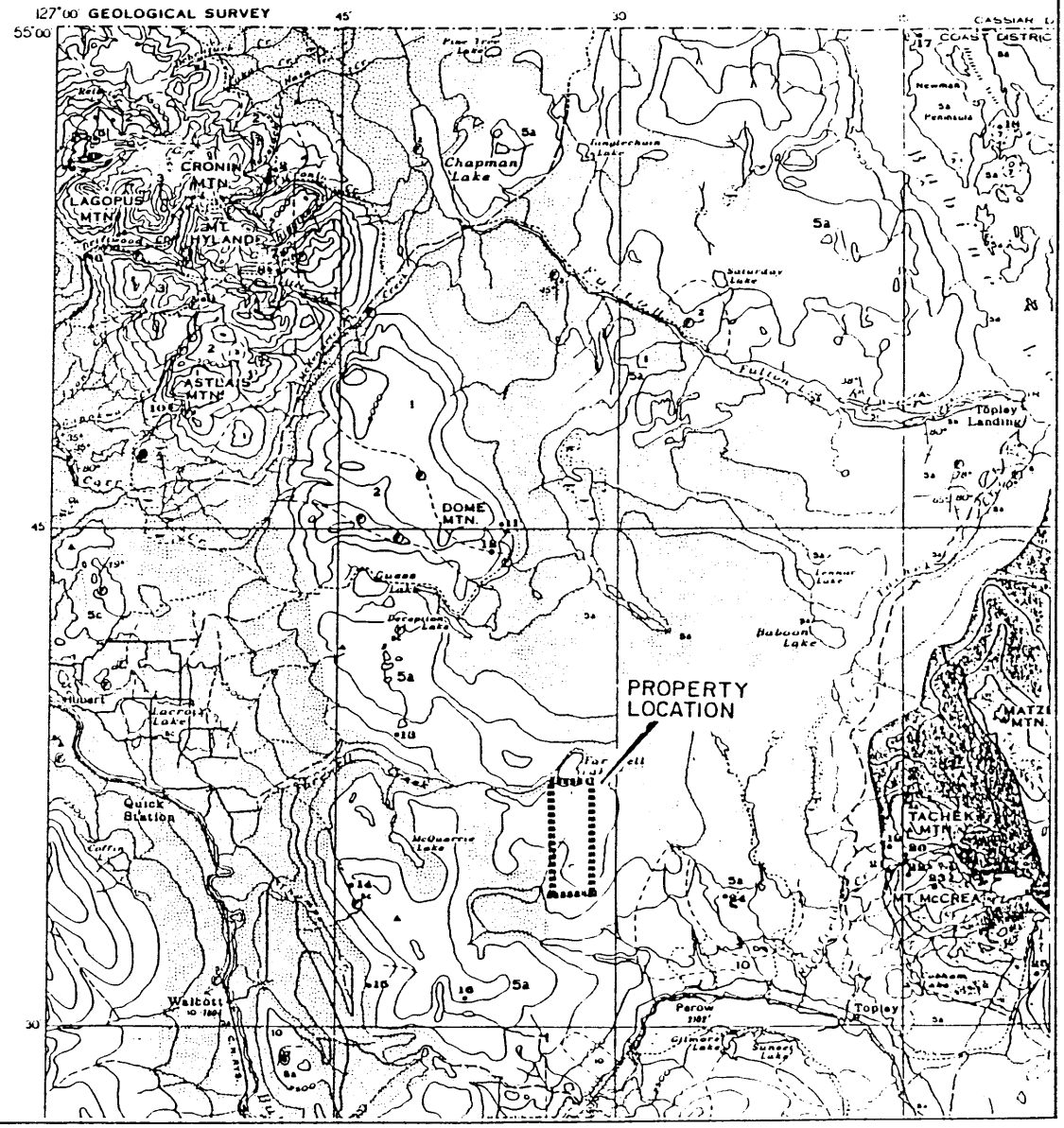
5a - 5e — *5a, undivided volcanic rocks, chiefly equivalent to 1, 5b, andesite, tuff, argillite, sandstone, and limestone (probably pre-Jurassic); 5c, fossiliferous tuffs; 5d, rhyolite; 5e, rhyolite, arkose, minor granite*

inches 0 1

centimetres 0 1 2

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

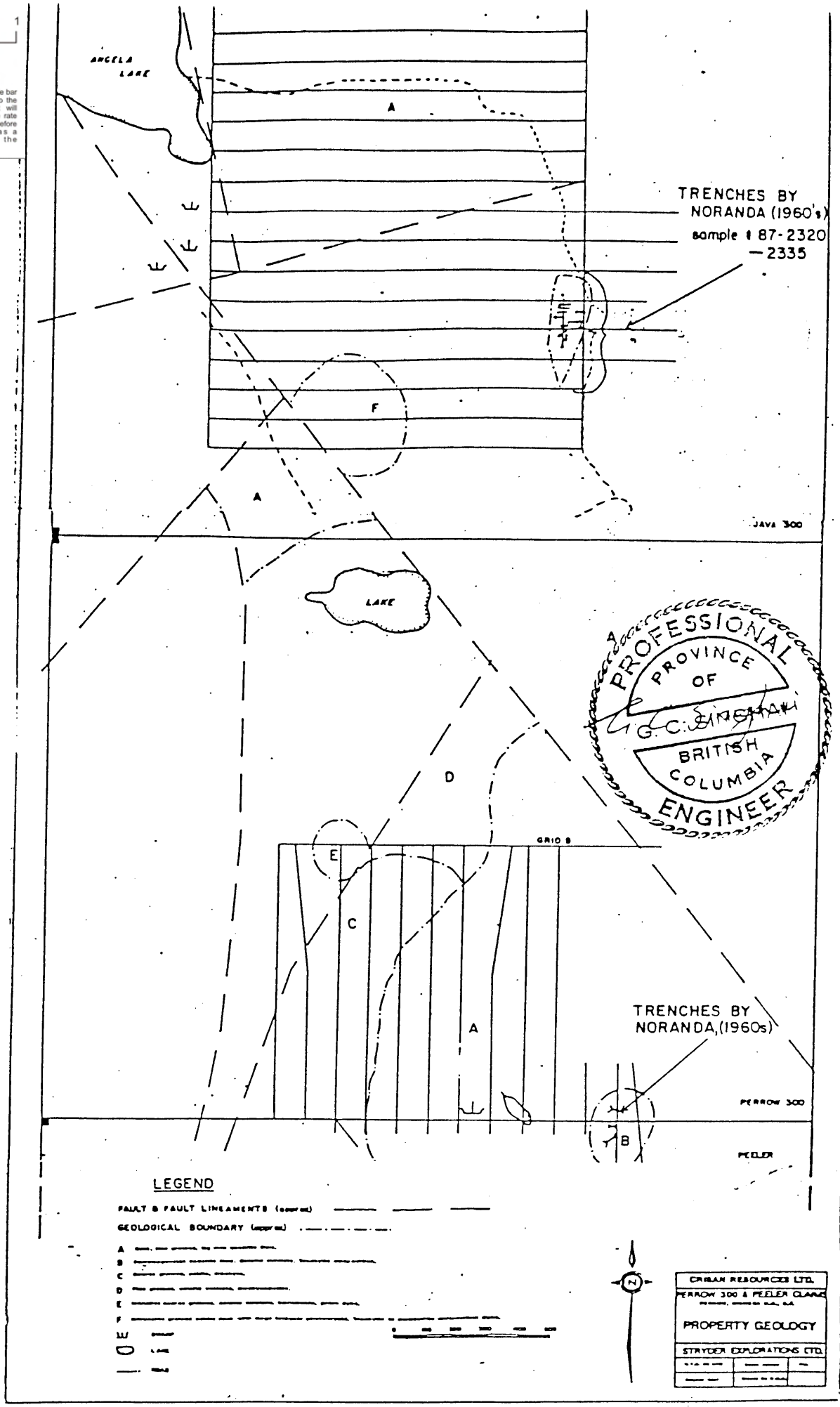
PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — G. C. SINCLAIR



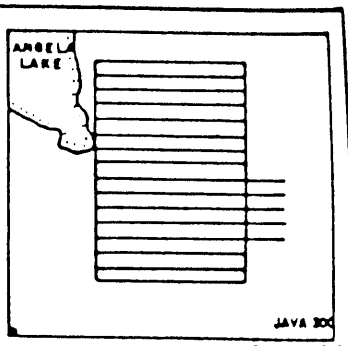
0 5 10 km

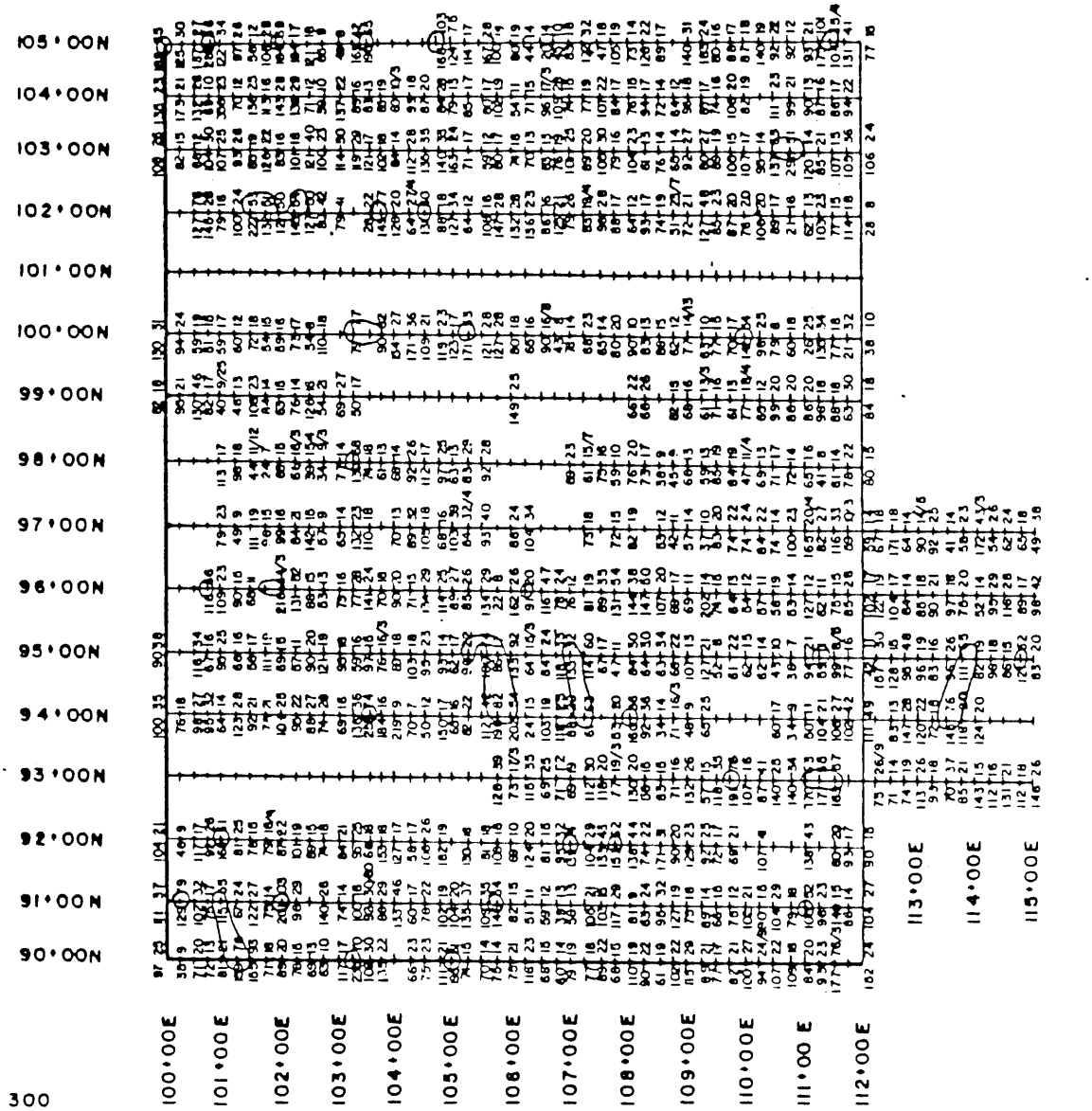
CRISAN RESOURCES LIMITED	
JAVA 300, PERROW 300, PEELER CLAIMS	
REGIONAL GEOLOGY	
DOME MTN. AREA	
N.T.S. 93L/10E	OMINECA M.D., B.C.
SCALE 1:253,440	DATE: JAN 1988
DRAWN BY GCS	FIGURE Nº 3

CHONG



GRID LOCTION





JAVA 300

PERROW 300

Values indicated are for Zn/Cu/Au / 51-100

Zn/Cu in (PPM) / 101+

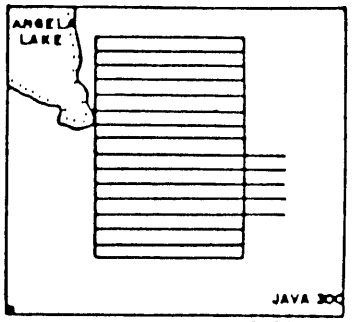
Au in (PPB)

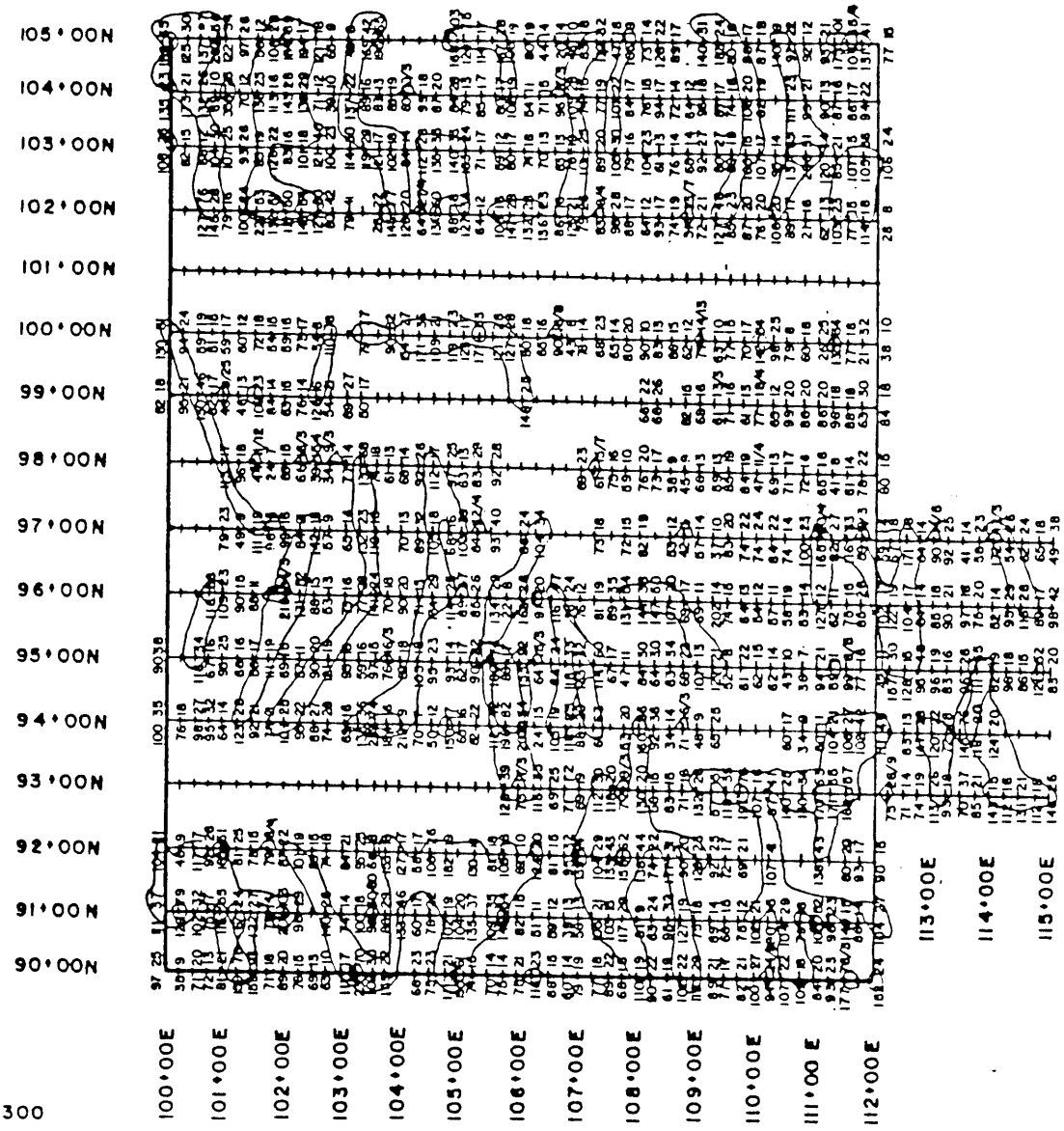
100 0 100 200 300

Contoured for Cu. only

CRISAN RESOURCES LTD.		
JAVA 300 CLAIM		
PERROW, OMINECA MD BC		
SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD		
NTS 93L/10	SCALE 1:12 500	FIG. 5
AUGUST/87	BY KC	

GRID LOCTION





JAVA 300

PERROW 300

Values indicated are for Zn/Cu/Au

Zn/Cu in (PPM)

Au in (PPB)

△ 0 - 5

◇ 6 - 9

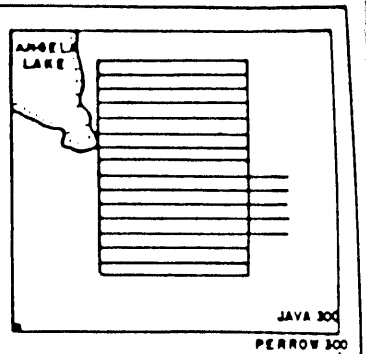
◇ 10+

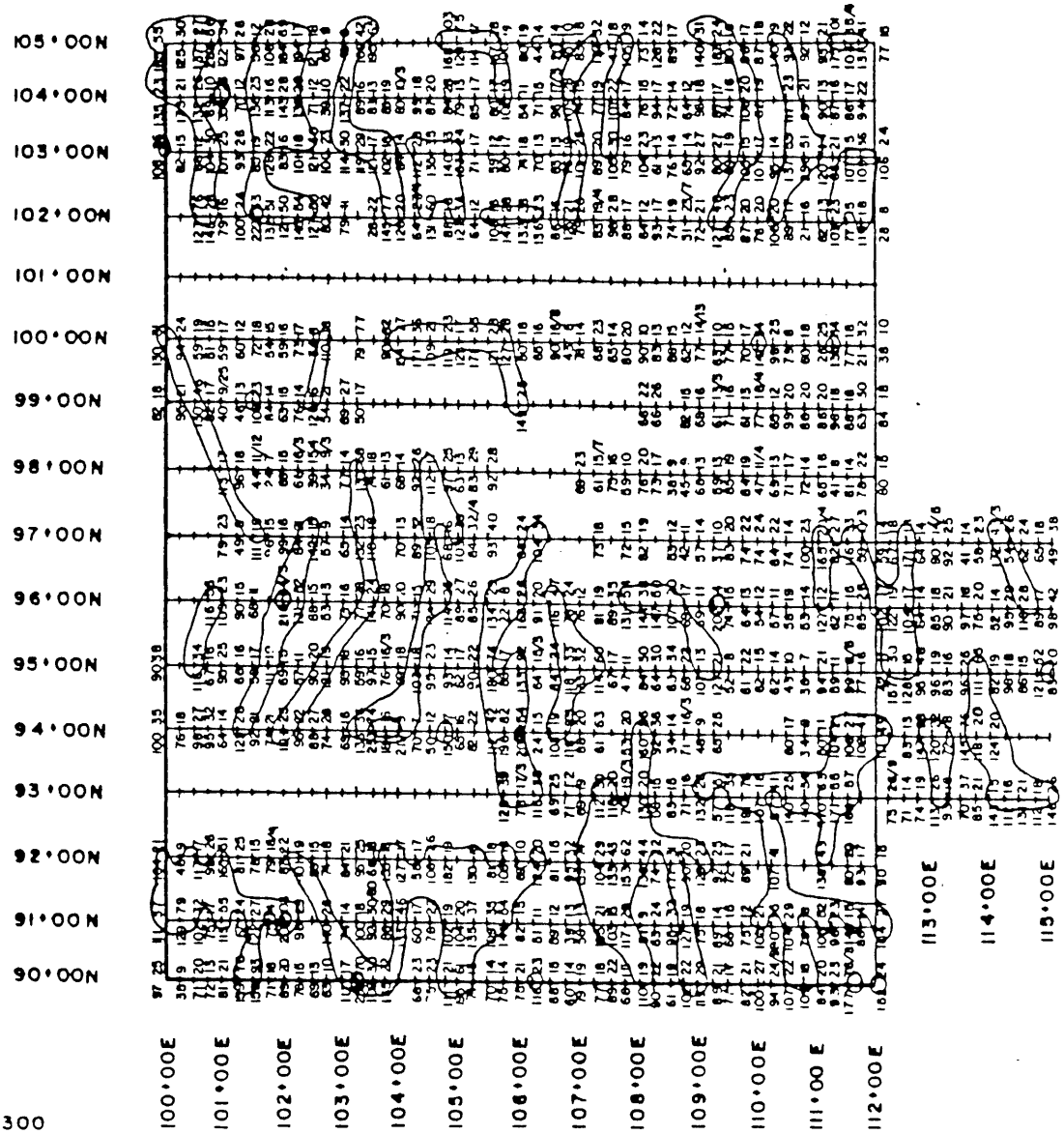
100 0 100 200 300

indicates Cu

CRISAN RESOURCES LTD.		
JAVA 300 CLAIM		
PERROW, OMINECA M.D. B.C.		
SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD.		
N.T.S. 93L/10	SCALE: 1:12 500	FIG. 5
AUGUST/87	BY K.C.	

GRID LOCTION





JAVA 300

PERROW 300

Values indicated are for Zn/Cu/Au

Zn/Cu in (PPM)

Au in (PPB)

100 0 100 200 300

Contoured for Zn only

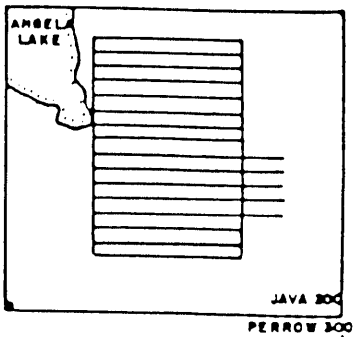
/ 101 - 200

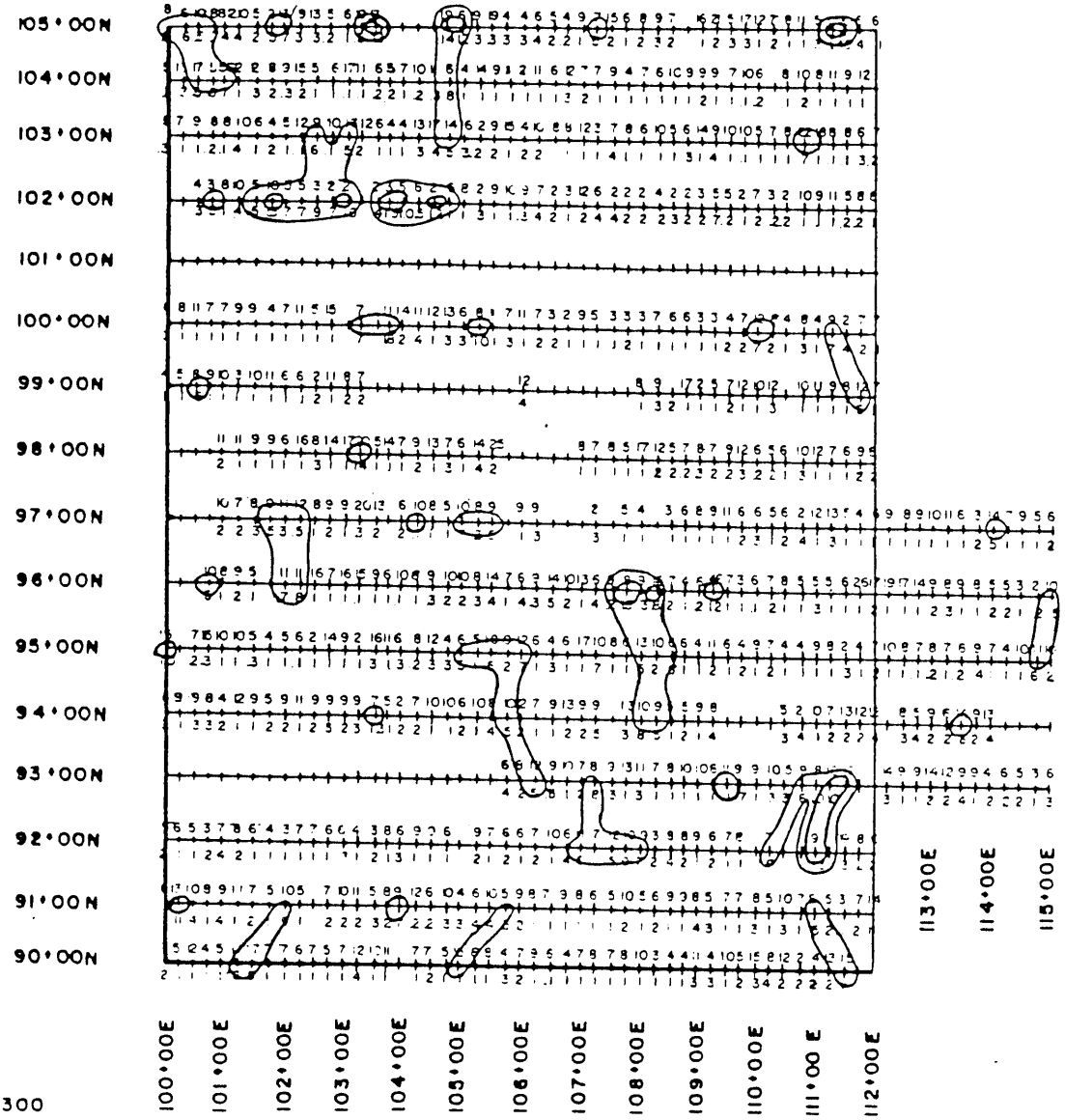
/ 201 - 300

/ 300 +

CRISAN RESOURCES LTD.		
JAVA 300 CLAIM PERROW, OMINECA MD BC. SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD		
NTS 93L/10	SCALE 1 12 500	FIG. 5
AUGUST/87	BY K C	

GRID LOCTION





JAVA 300

PERROW 300

Values indicated are for Pb/Ag / .5 - .9

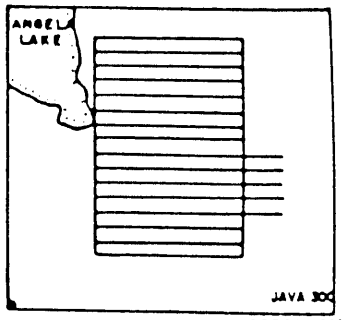
Pb/Ag in (PPM) / 1.0 +

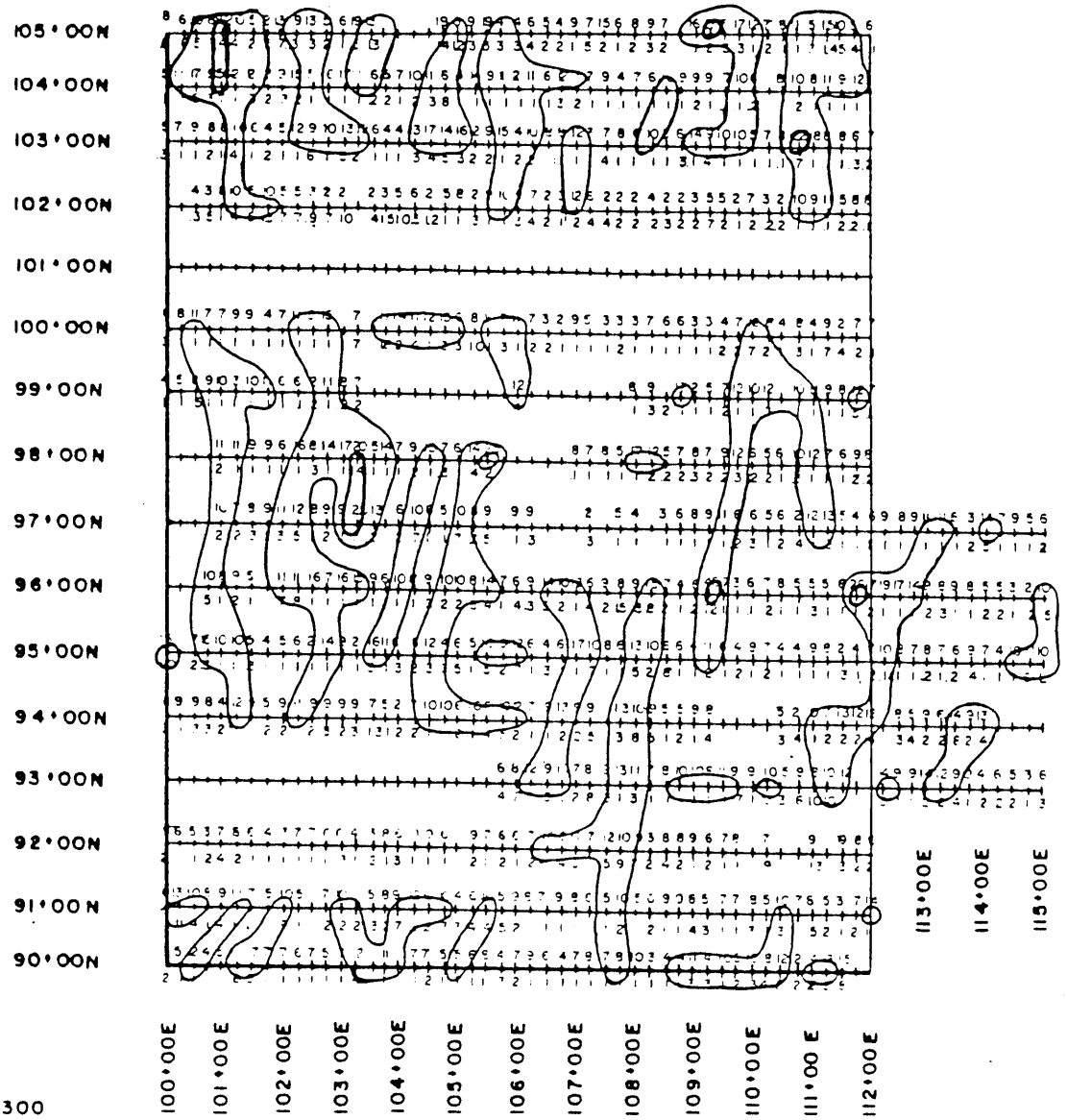
Contoured for Ag only.

100 0 100 200 300

CRISAN RESOURCES LTD.		
JAVA 300 CLAIM		
PERROW, OMINECA M.D. B.C.		
SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD.		
N.T.S. 93L/10	SCALE 1:12 500	FIG. 5A
AUGUST/87	BY K.C.	

GRID LOCTION





JAVA 300

PERROW 300

Values indicated are for Pb/Ag / 10 - 19

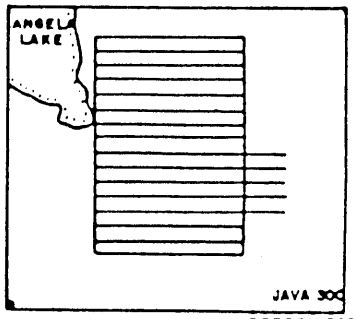
Pb/Ag in (PPM) / 20+

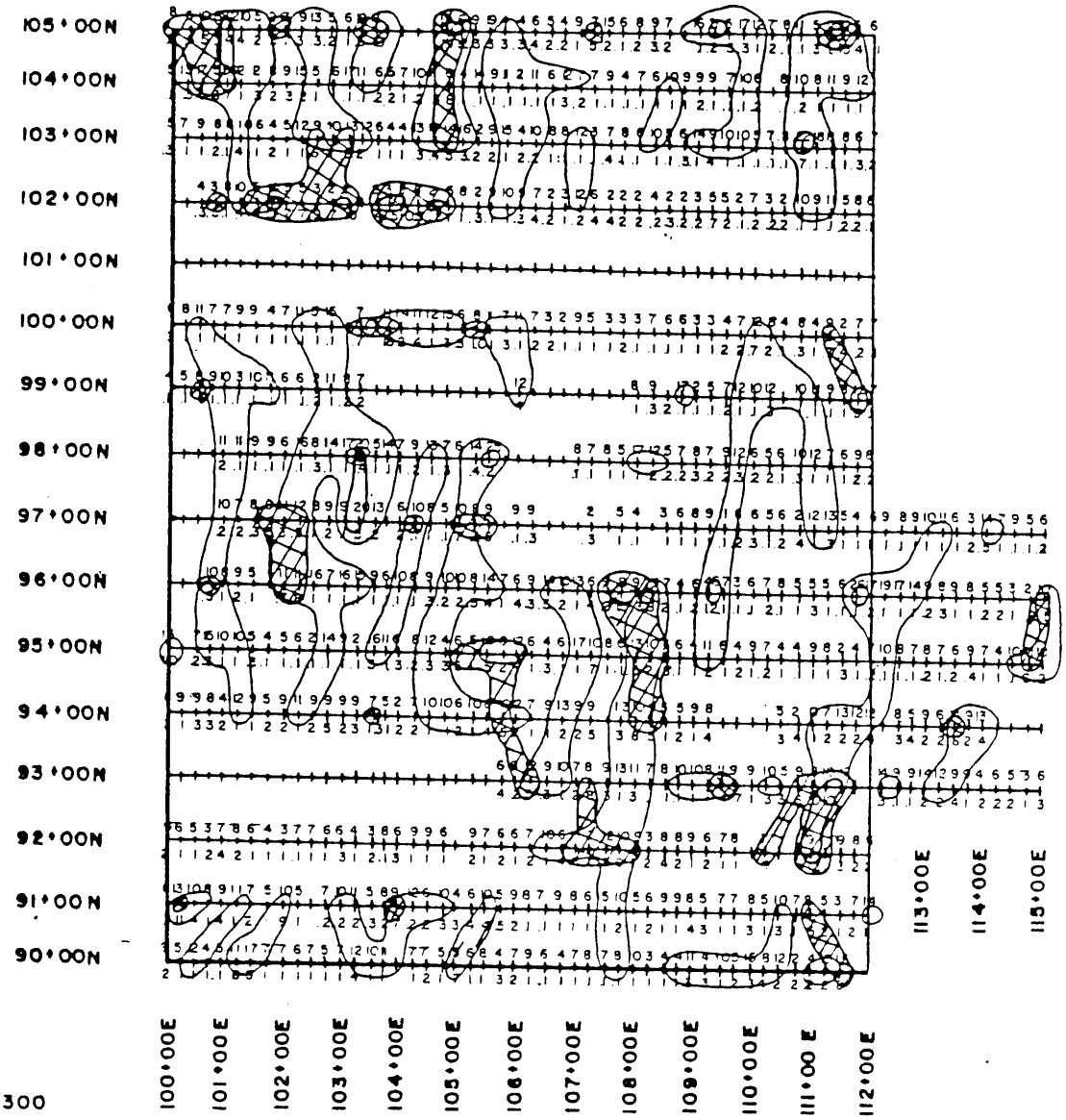
Contoured for Pb only.

100 0 100 200 300

CRISAN RESOURCES LTD.		
JAVA 300 CLAIM		
PERROW, OMINECA MD BC.		
SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD		
NTS 93L/10	SCALE 1:2500	FIG 5A
AUGUST/87	BY KC	

GRID LOCTION





JAVA 300

PERROW 300

Values indicated are for Pb/Ag

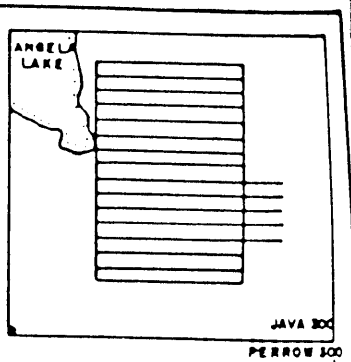
Pb/Ag in (PPM)

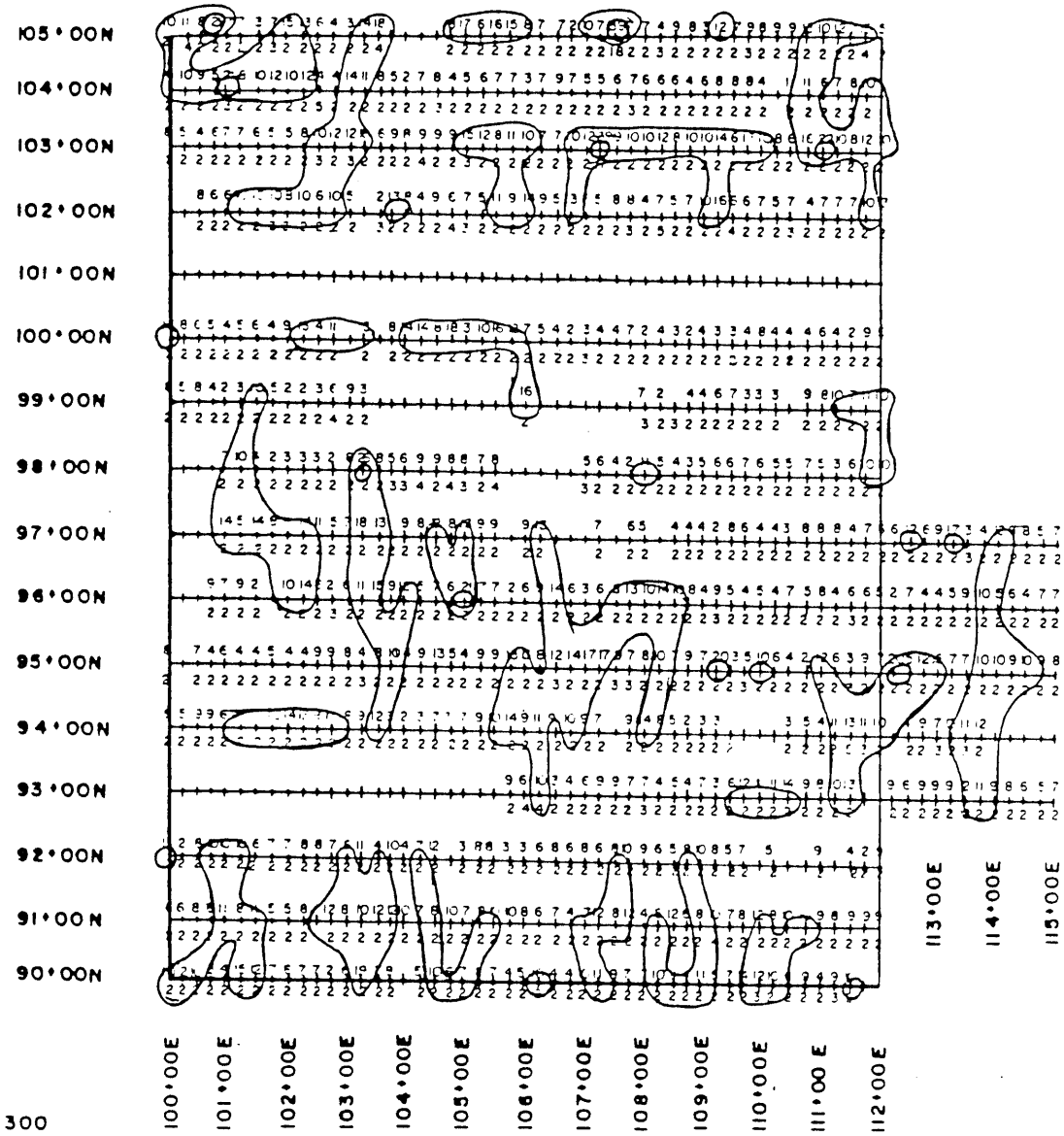
indicates Ag

100 0 100 200 300

CRISAN RESOURCES LTD.		
JAVA 300 CLAIM		
PERROW, OMINECA M.D. B.C.		
SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD.		
N.T.S. 93L/10	SCALE: 1:12 500	FIG. 5A
AUGUST/87	BY K.C.	

GRID LOCTION





JAVA 300

PERROW 300

Values indicated are for As/Sb / 10-19

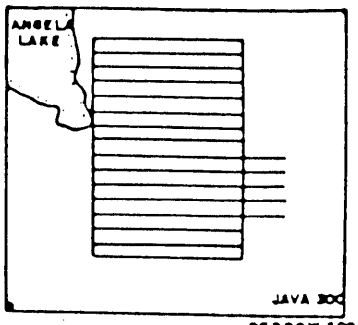
As/Sb in (PPM) / 20+

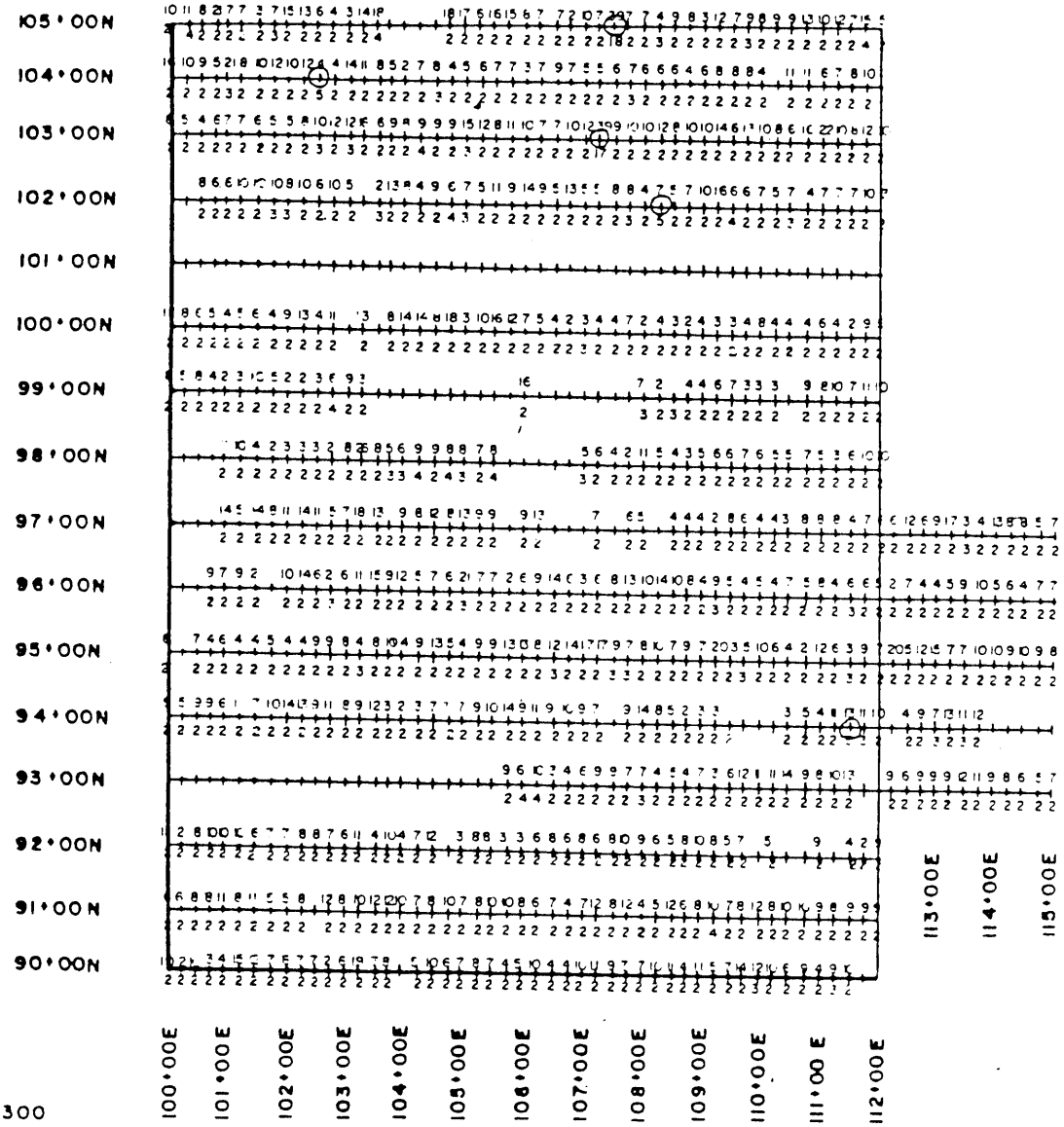
Contoured for As only.

100 0 100 200 300

CRISAN RESOURCES LTD.		
JAVA 300 CLAIM		
PERROW, OMINECA M.D. B.C.		
SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD.		
NTS 93L/10	SCALE 1:12 500	FIG. 5B
AUGUST/87	BY K.C.	

GRID LOCTION





JAVA 300

PERROW 300

Values indicated are for As/Sb / 5+

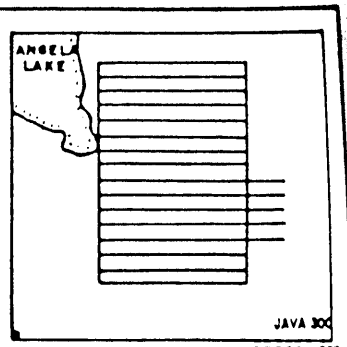
As/Sb in (PPM)

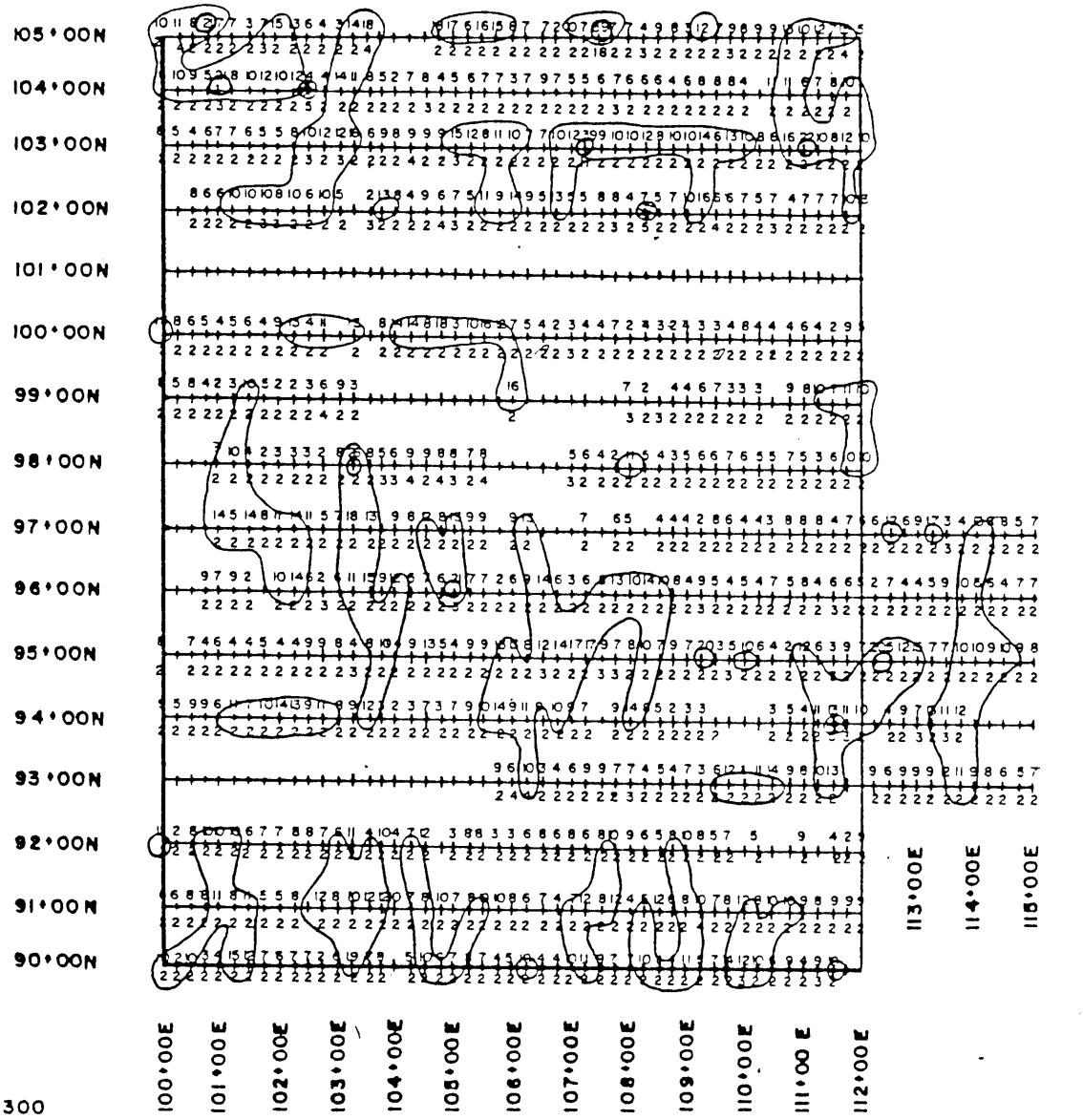
Contoured for Sb only.

100 0 100 200 300

CRISAN RESOURCES LTD.		
JAVA 300 CLAIM		
PERROW, OMINECA MD BC.		
SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD.		
NTS 93L/10	SCALE 1:12 500	FIG. 5B
AUGUST/87	BY K.C.	

GRID LOCTION





JAVA 300

PERROW 300

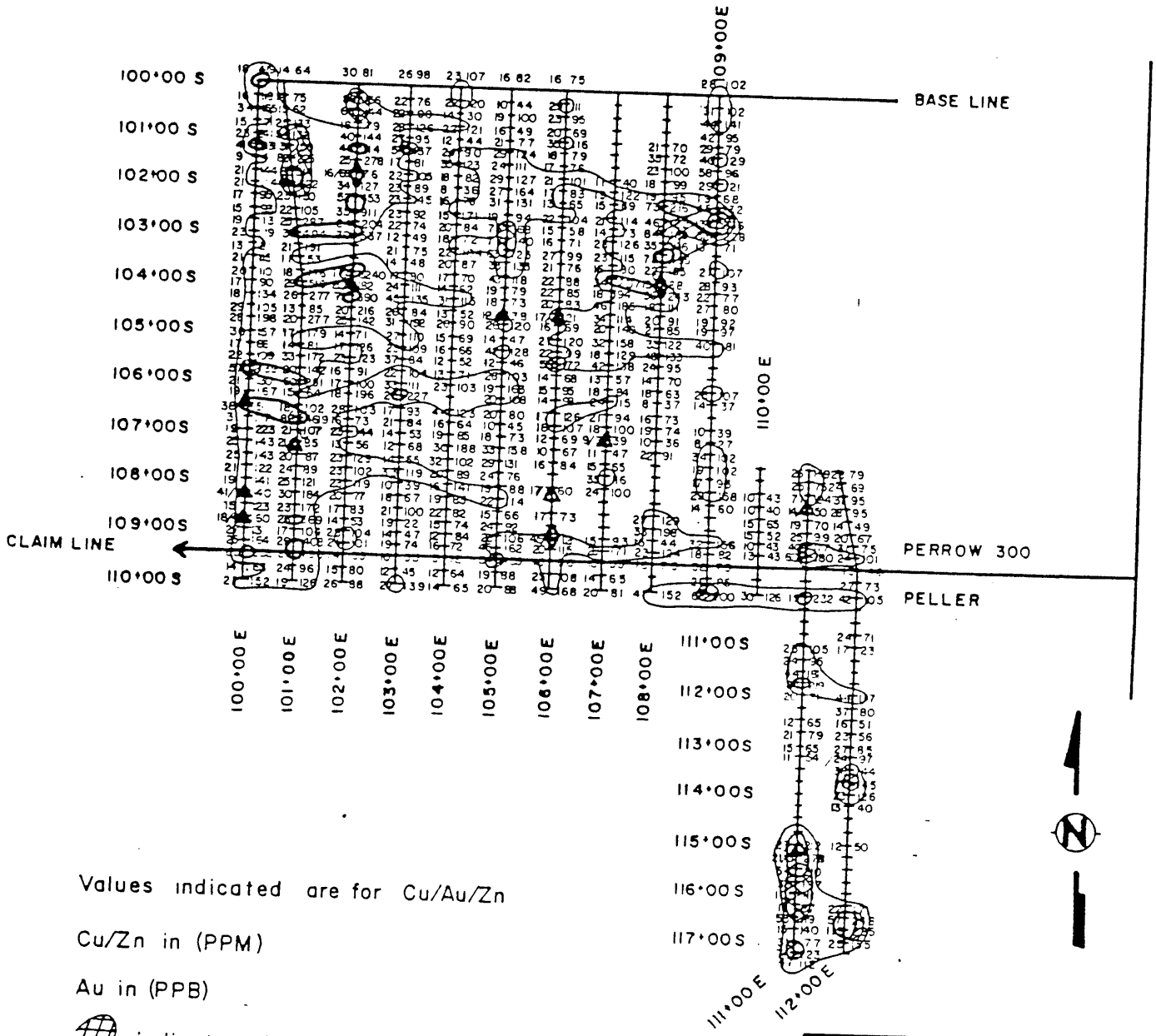
Values indicated are for As/Sb

As/Sb in (PPM)

indicates Sb

100 0 100 200 300

CRISAN RESOURCES LTD.		
JAVA 300 CLAIM		
PERROW, OMINECA M.D. B.C.		
SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD		
N.T.S. 93L/10	SCALE: 1:12 500	FIG. 58
AUGUST/87	BY K.C	



Values indicated are for Cu/Au/Zn

Cu/Zn in (PPM)

Au in (PPB)

indicates Cu

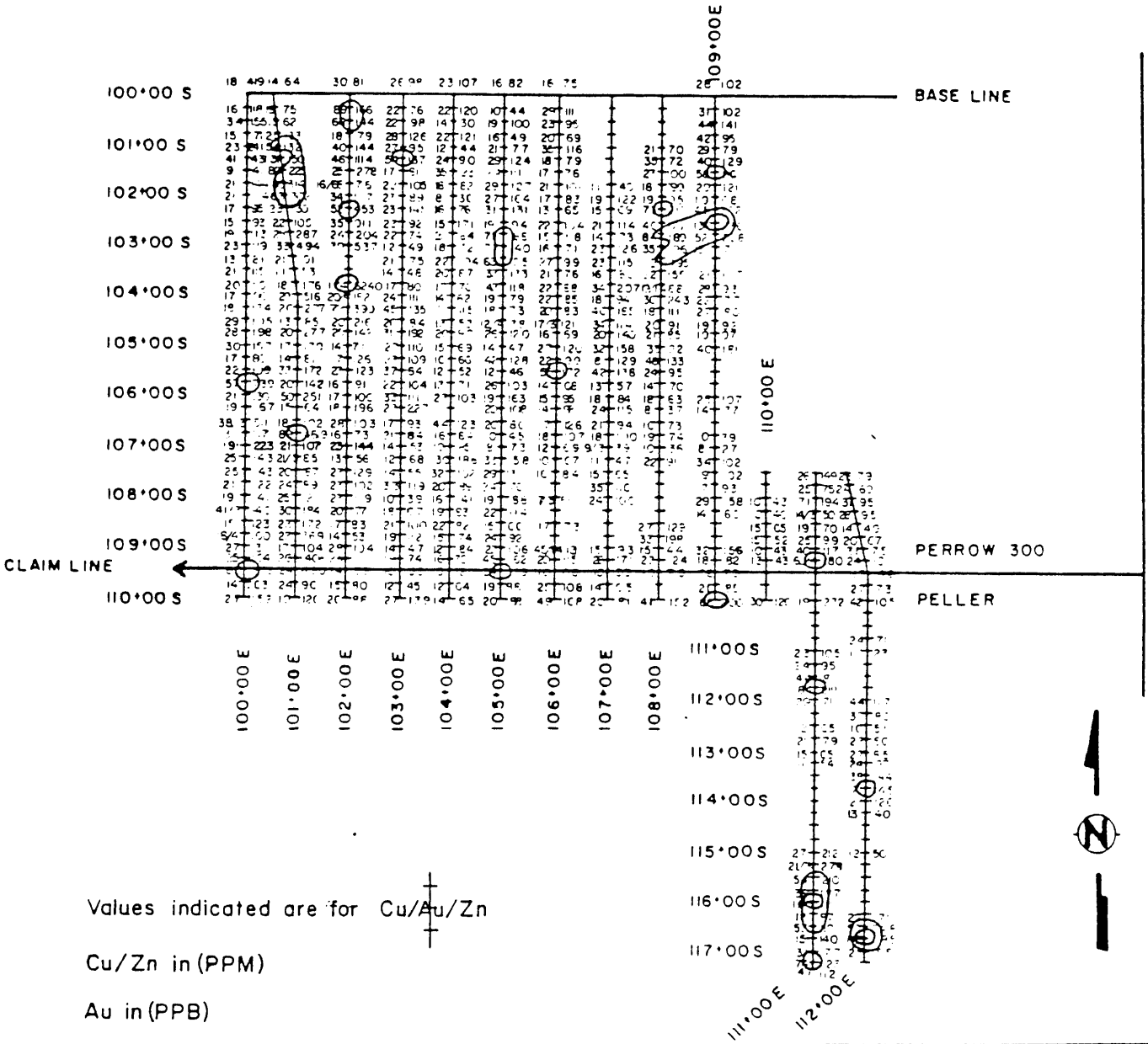
△ 0-8

◇ 9-17

◆ 18+

100 0 100 200 300

CRISAN RESOURCES LTD.		
PERROW 300 & PELLER CLM.		
PERROW, OMINECA M.D. B.C.		
SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD.		
NTS 93L/10	SCALE 1:2500	FIG. 6
AUGUST/87	BY K.C.	



Values indicated are for Cu/Au/Zn

Cu/Zn in (PPM)

Au in (PPB)

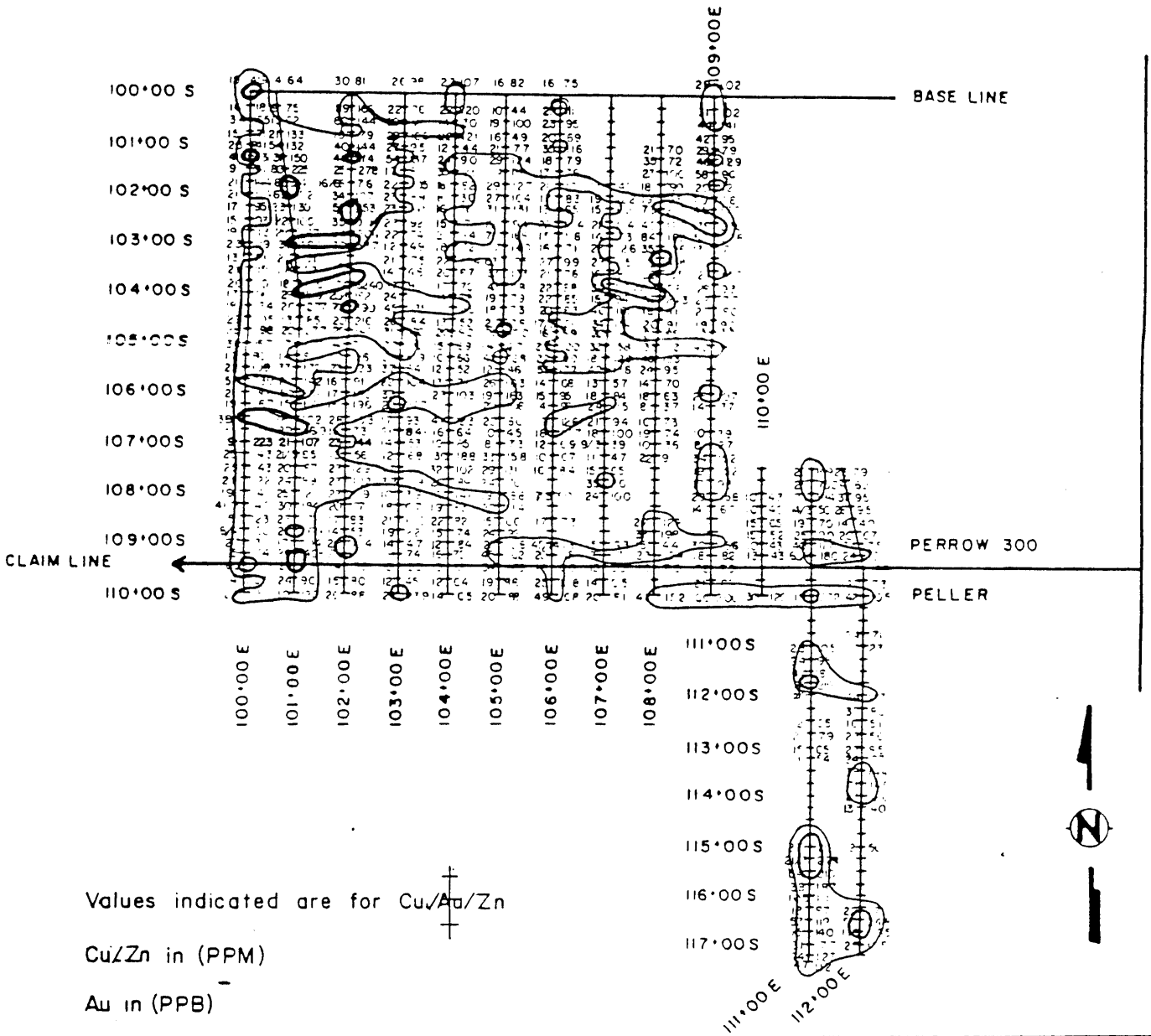
Contoured for Cu only.

(51-100

/ 101 +

100 0 100 200 300

CRISAN RESOURCES LTD		
PERROW 300 & PELLER CLM PERROW, OMINECA MD BC SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD		
NTS 93L/10	SCALE 1:2500	FIG 6
AUGUST/87	BY KC	



Values indicated are for Cu/Au/Zn

Cu/Zn in (PPM)

Au in (PPB)

Contoured for Zn only

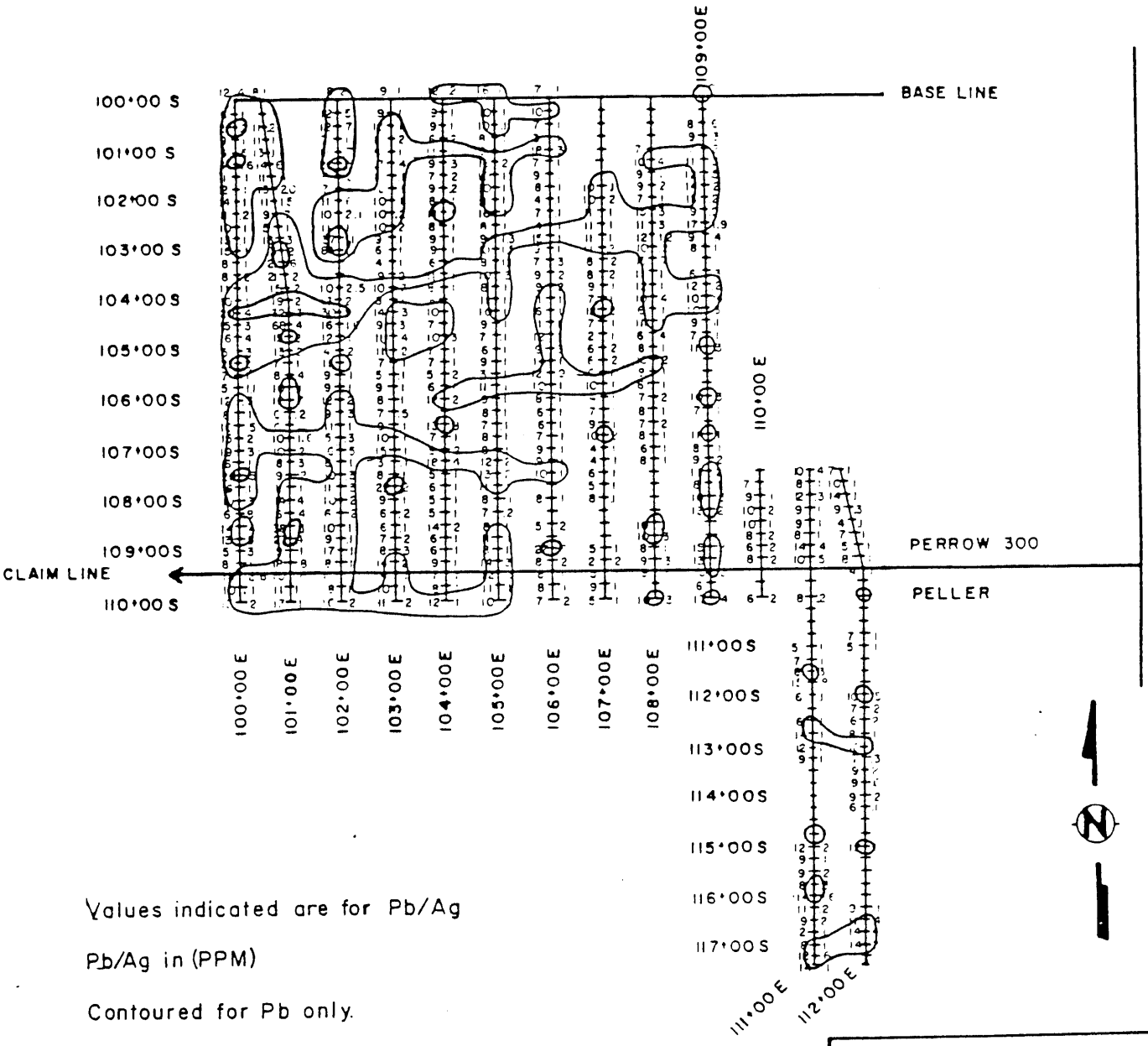
/ 101 - 200

/ 201 - 300

/ 301 +

100 0 100 200 300

CRISAN RESOURCES LTD.		
PERROW 300 & PELLER CLM PERROW, OMINECA MD BC SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD.		
NTS 93L/10	SCALE 1:2500	FIG 6
AUGUST/87	BY K.C	



Values indicated are for Pb/Ag

Pb/Ag in (PPM)

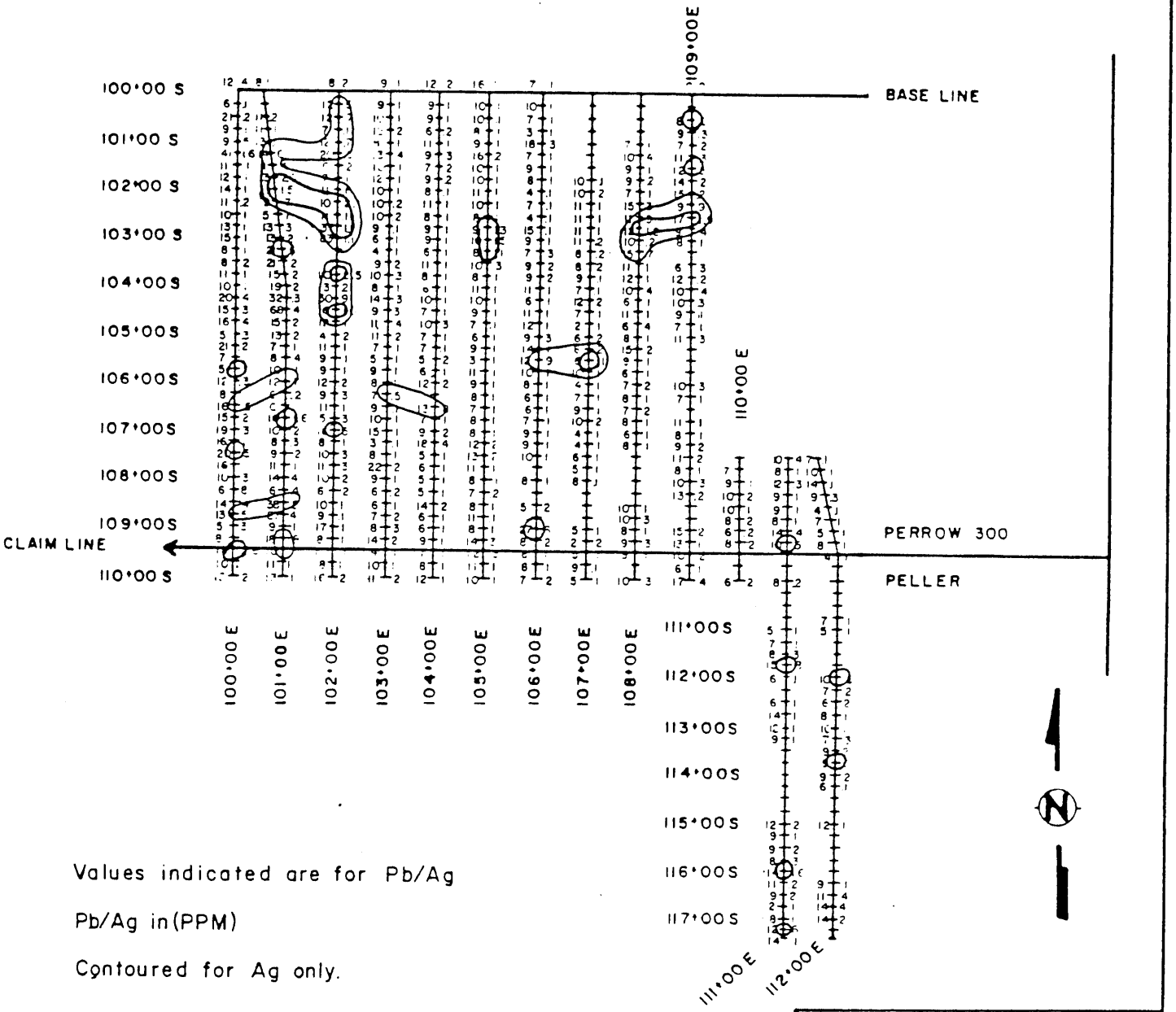
Contoured for Pb only.

/ 10-19

/ 20+

100 0 100 200 300

CRISAN RESOURCES LTD.		
PERROW 300 & PELLER CLM.		
PERROW, OMINECA MD. BC		
SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD.		
NTS 93L/10	SCALE 1:2500	FIG 6A
AUGUST/87	BY K.C	



Values indicated are for Pb/Ag

Pb/Ag in(PPM)

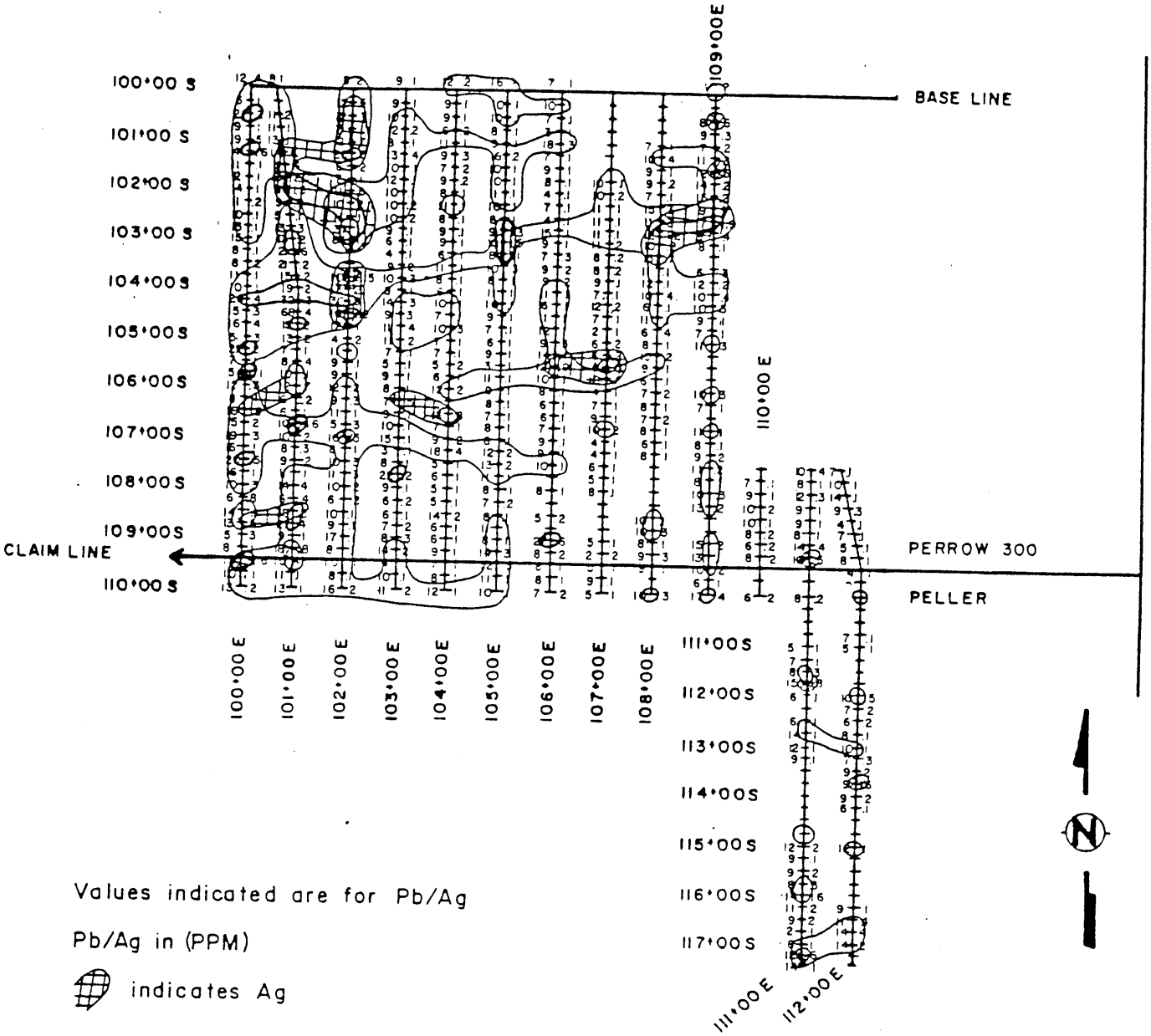
Contoured for Ag only.

.5-.9

1.0+

100 0 100 200 300

CRISAN RESOURCES LTD.		
PERROW 300 & PELLER CLM PERROW, OMINECA M.D. B.C. SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD		
NTS 93L/10	SCALE 1:2500	FIG 6A
AUGUST/87	BY KC	



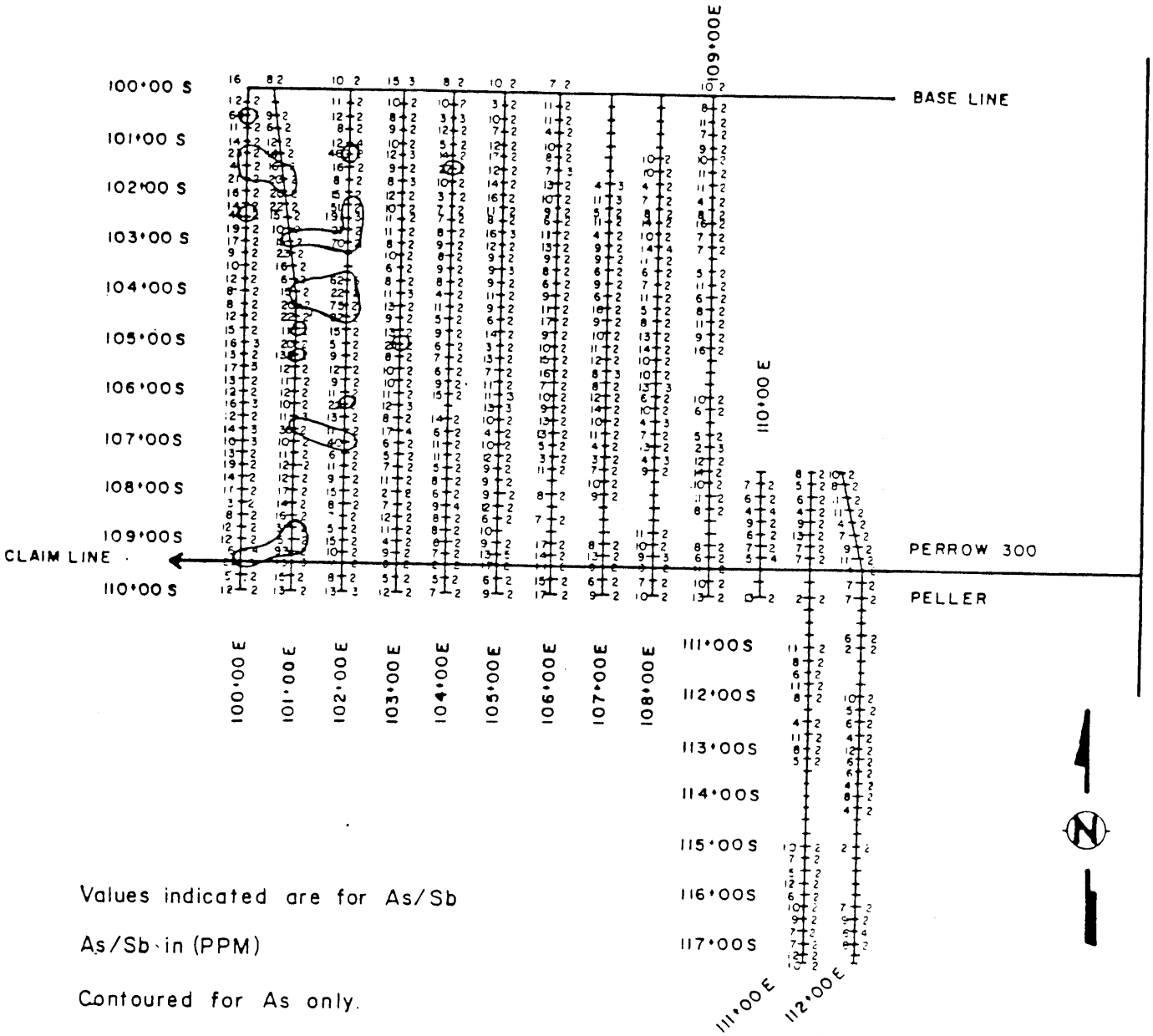
Values indicated are for Pb/Ag

Pb/Ag in (PPM)

indicates Ag

100 0 100 200 300

CRISAN RESOURCES LTD.		
PERROW 300 & PELLER CLM.		
PERROW, OMINECA M.D. B.C.		
SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD.		
NTS 93L/10	SCALE 1:2500	FIG 6A
AUGUST/87	BY K.C.	



Values indicated are for As/Sb

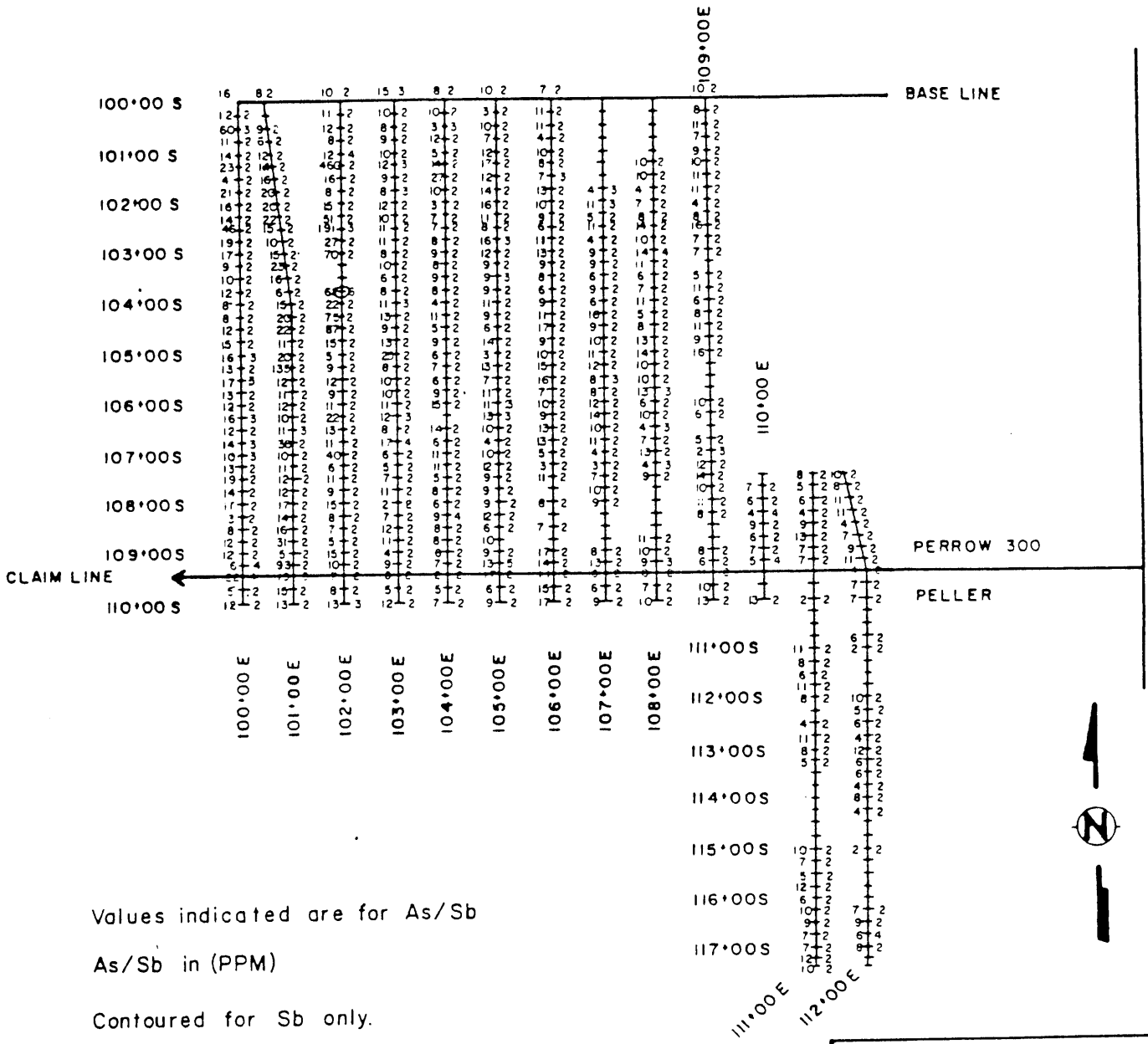
As/Sb in (PPM)

Contoured for As only.

20+

100 0 100 200 300

CRISAN RESOURCES LTD.		
PERROW 300 & PELLER CLM.		
PERROW, OMINECA MD BC		
SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD.		
NTS 93L/10	SCALE 1:12500	FIG 6B
AUGUST/87	BY K.C	



Values indicated are for As/Sb

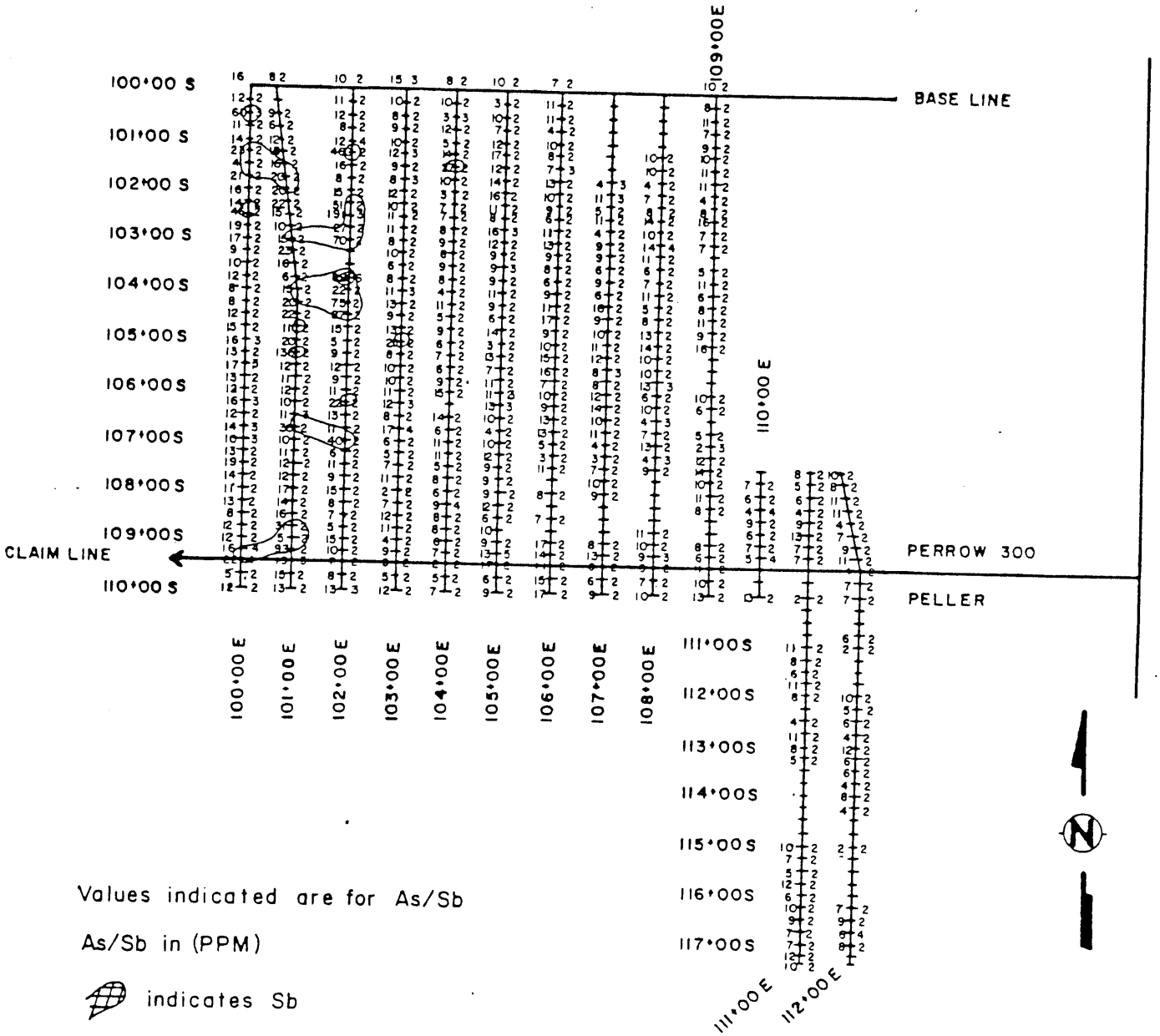
As/Sb in (PPM)

Contoured for Sb only.

/ 5+

100 0 100 200 300

CRISAN RESOURCES LTD.		
PERROW 300 & PELLER CLM		
PERROW, OMINECA MD BC		
SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD.		
NTS 93L/10	SCALE 1:2500	FIG 68
AUGUST/87	BY K.C	



Values indicated are for As/Sb

As/Sb in (PPM)

indicates Sb

100 0 100 200 300

CRISAN RESOURCES LTD.		
PERROW 300 & PELLER CLM.		
PERROW, OMINECA M.D. B.C.		
SOIL GEOCHEMISTRY		
STRYDER EXPLORATION LTD.		
NTS 93L/10	SCALE 1:12500	FIG. 6B
AUGUST/87	BY K.C.	