

64 pp.

LOG NO: 0120	RD.
ACTION:	
FILE NO:	

REPORT ON THE GUNS GOLD PROPERTY  
NEAR GOLDBRIDGE, BRITISH COLUMBIA  
FOR BEACON HILL CONSULTANTS LTD.

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**16,929**

LILLODET MINING DIVISION

N.T.S. 92-J-15-W

**FILMED**

Lat. 50° 52' N. Long. 122° 52' W.

BRADFORD J. COOKE  
COOKE GEOLOGICAL CONSULTANTS LTD.

DECEMBER 24, 1987

SUB-RECORDER  
RECEIVED  
JAN 15 1988  
M.R. # \_\_\_\_\_ \$ \_\_\_\_\_  
VANCOUVER, B.C.

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 89.01.15

ASSESSMENT REPORT 16929

MINING DIVISION: Lillooet

PROPERTY: Guns Gold  
LOCATION: LAT 50 52 00 LONG 122 52 00  
UTM 10 5634787 509383  
NTS 092J15W

CLAIM(S): Guns Gold  
OPERATOR(S): Panarim Res.  
AUTHOR(S): Cooke, B.  
REPORT YEAR: 1987, 64 Pages

COMMODITIES

SEARCHED FOR: Gold

GEOLOGICAL

SUMMARY:

The Guns Gold property is underlain predominantly by cherts and argillites of the Triassic Bridge River Group in fault contact with a wedge of Triassic Cadwallader Group siltstones, sandstones and andesite and diorite. Narrow shear zones of the Tuscarora prospect are weakly mineralized with gold, silver, arsenic, copper and molybdenum.

WORK

DONE:

Geological, Geochemical, Geophysical  
EMGR 10.6 km; VLF  
Map(s) - 1; Scale(s) - 1:5000  
GEOL 300.0 ha  
Map(s) - 1; Scale(s) - 1:2500  
LINE 33.1 km  
MAGG 31.1 km  
Map(s) - 1; Scale(s) - 1:5000  
SOIL 1302 sample(s) ;AU,AG,CU,PB,ZN,AS,SB  
Map(s) - 3; Scale(s) - 1:5000

## SUMMARY

The purpose of this report is to evaluate the exploration and mining potential of the Guns Gold property near Goldbridge, B.C. At the request of Mr. Peter Stokes, President of Beacon Hill Consultants Ltd., Cooke Geological Consultants Ltd. reviewed the historical work records and conducted a small exploration program on the claims.

Guns Gold property is well located for exploration and mining, being situated in the heart of the Bridge River Mining District, the largest, richest gold camp in British Columbia. Road access, moderate terrain, mild climate and readily available man-power, hydro-power, water and timber all favor the economics of exploration and mining at Guns Gold.

The claim has a history of gold exploration and development, including two short adits on a weakly mineralized shear zone. Good exploration potential exists for Bralorne-type gold-quartz veins, gold-sulfide shears, and massive sulfide zones, as suggested by favorable geology, geochemical and geophysical anomalies.

Bridge River District is predominantly underlain by Triassic Bridge River Group sediments, in fault contact with Triassic Cadwallader Group volcanics and plugs, overlain by Jurassic-Cretaceous sediments and intruded by Cretaceous-Tertiary plutons. Mineralization is regionally zoned from older, Cu-Mo (Au-Ag) showings in the west through progressively younger Au-Ag (Cu-Mo-W-Pb) veins, Au-Ag (As-Sb-Hg-Cu-Pb-Zn) shears to Hg-As-Sb-W occurrences moving eastward.

The Guns Gold property is located in the same geological belt of Triassic Bridge River chert-argillite and Cadwallader sandstone-siltstone-andesite-diorite, as the old Bralorne-Pioneer mines and the nearby Wayside property. Known mineralization consists of a few, narrow shear zones that are weakly anomalous in gold, silver, arsenic, copper and molybdenum.

Significant geochemical anomalies in gold (up to 145 ppb), arsenic (up to 52 ppm) and copper (up to 448 ppm) occur on the west half of the property. These anomalies could reflect underlying vein, shear or sulfide mineralization.

A major magnetic high in the northeast corner of the claim reflects underlying Cadwallader andesite-diorite rocks, which are prospective for Bralorne-type gold vein deposits. A strong electromagnetic conductor east of the baseline could be a response to gold shear or massive sulfide mineralization.

A two phase, \$150,000 work program is proposed to explore the Guns Gold property. Phase 1 requires a \$40,000 expenditure over a one month period for VLF-electromagnetic surveying, adit rehabilitation and backhoe trenching. Phase 2, contingent upon the success of Phase 1, calls for \$110,000 to be spent over two months for reverse circulation drilling of prospective zones.

Phase 1 includes completion of the 31 kilometre VLF-electromagnetic survey grid, rehabilitation, mapping and sampling of the two old adits, and 500 metres of backhoe trenching, mapping and sampling. These are proven techniques for discovering ore in the Bridge River area in recent years.

Phase 2 involves 1,000 metres of reverse circulation drilling on prospective geological, geochemical and geophysical targets. This relatively quick, cheap method, used recently in the area by Manhattan Minerals to test mineralized zones, met with considerable success.

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INTRODUCTION

Purpose and Scope

The purpose of this report is to evaluate the exploration and mining potential of the Guns Gold property near Goldbridge, B.C. At the request of Mr. Peter Stokes, President of Beacon Hill Consultants Ltd., Cooke Geological Consultants Ltd. reviewed the historical work records and conducted a small exploration program on the claims.

Location and Access

The Guns Gold property is located approximately 180 kilometres north of Vancouver, and 2 kilometres west of Goldbridge, in the Bridge River mining district of southwestern British Columbia (Figure 1). Access to the claims is provided by vehicle from Vancouver, 145 kilometres east on Hwy. 1 to Hope, 225 kilometres north on Hwy. 1 and 12 to Lillooet, and 105 kilometres west on gravel road to Goldbridge, where the Gun Lake road leads to the claims.

Physiography and Climate

The claims lie south of Gun Lake on Mount Zola, at elevations of 3,000 to 4,200 feet ASL. Vegetation is characterized by immature, coniferous forest and the local climate is typified by hot, dry summers and cool, snowy winters.

Labour, Power, Water and Timber

Because the Goldbridge area is a historical mining district, with several mining companies actively exploring the area, there is a ready supply of local man-power. Hydro-electric power is available from the B.C. Hydro station at Shalalth and transmission lines follow the Gun Lake road. Water for exploration and mining purposes can be drawn from Gun Lake. Local sawmills cut wood for mining on demand.

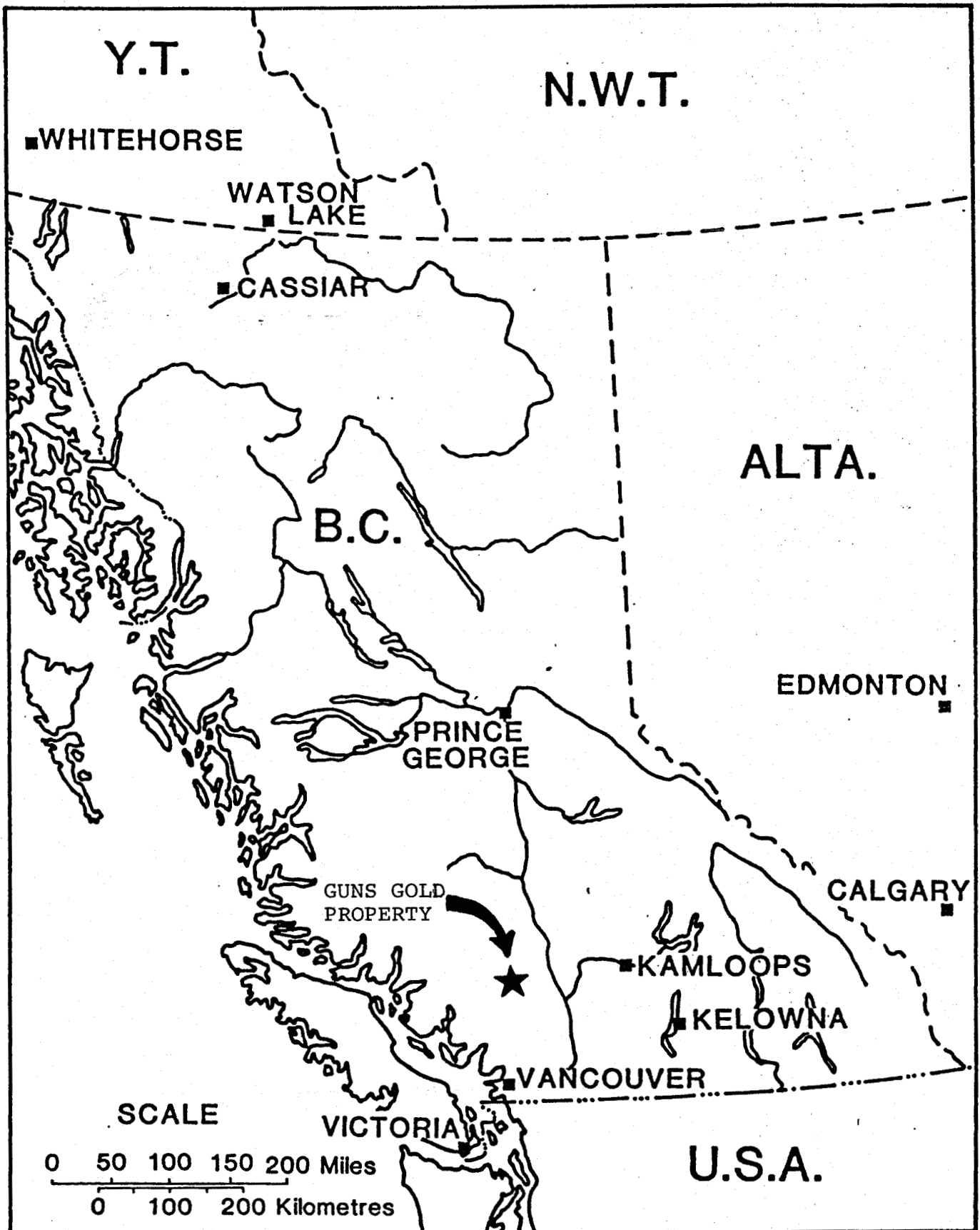


Figure 1: Location map.



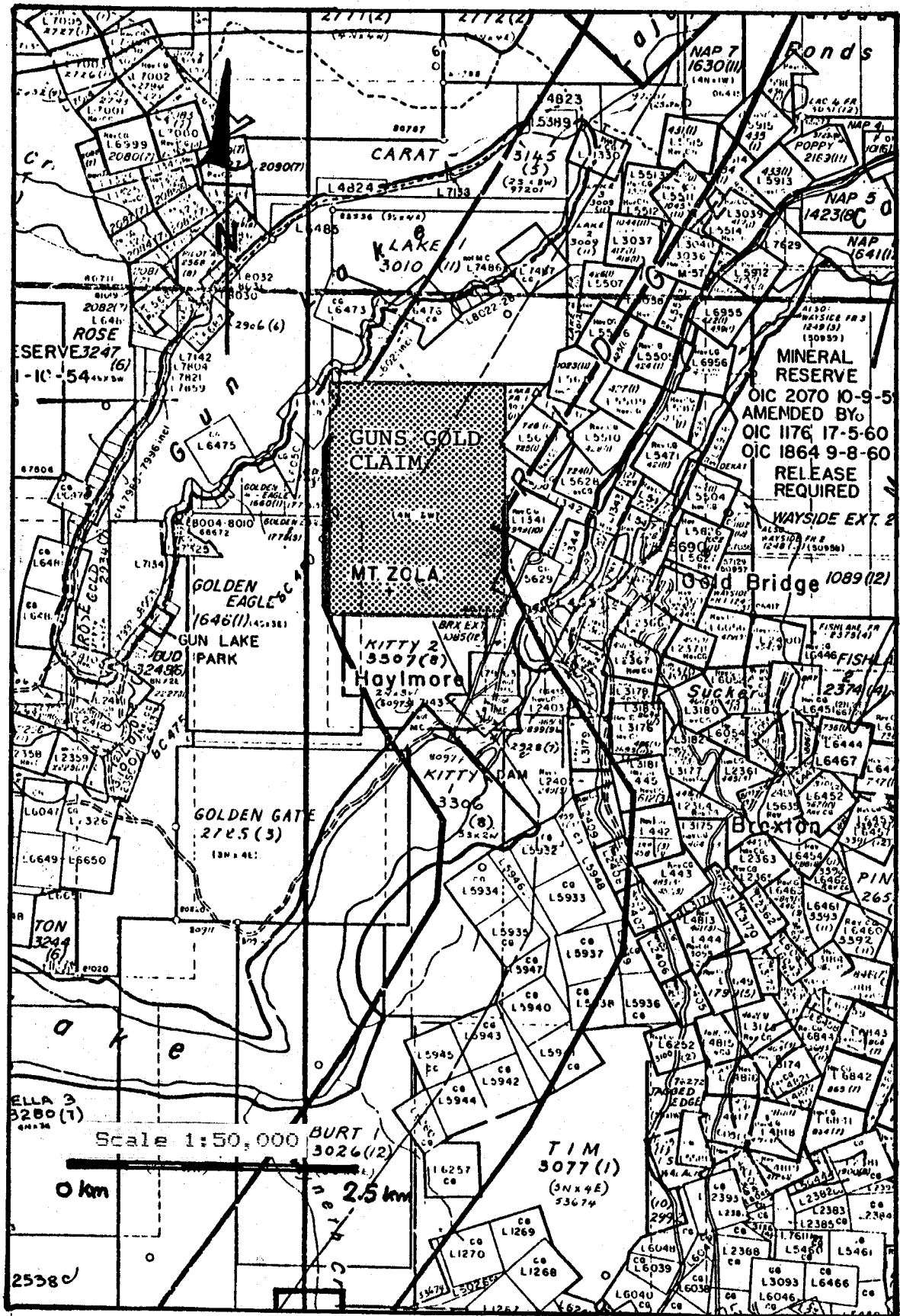


Figure 2: Claim map.

Claims Description

The Guns Gold property consists of one modified grid claim, totalling 12 units and covering 300 hectares in the Lillooet Mining Division (Figure 2 and Table 1). Total annual assessment on the claim is \$1,200, and the claim is in good standing for the next three years.

Claim Name	Record No.	No. Units	Expiry Date
Guns Gold	3672	12	13 Apr 91

Table 1: Claim List

Mining History

First discovered in the early 1930's, the Tuscarora prospect was developed from 1934 to 1936 by surface trenching and two short adits. Tuscarora Gold Mines Ltd. reported silicified zones in chert-argillite strata near andesite-diorite masses on surface. An upper adit was driven for 80 metres and a lower adit went in for 100 metres. Traces of gold, silver, galena and pyrite were found with sheared, ferruginous quartz.

After lying dormant for many years, the property was restaked in 1983 and briefly evaluated for Alotta Resources Ltd. by sampling on surface and underground. Minor gold, silver, arsenic, copper and molybdenum anomalies were recorded in rock samples from shear zones in the upper adit.

## GEOLOGY

### Regional

The following summary of regional geology and tectonics is derived from the reports of many workers in the Bridge River area, with emphasis on Geological Survey of Canada, British Columbia Geological Survey and University of British Columbia reports (see References).

The Bridge River district lies at the western margin of the Intermontaine Belt of volcanic and sedimentary rocks where it abuts against the Coast Plutonic Complex of plutonic and metamorphic rocks. Triassic arc volcanics and backarc sediments (Cadwallader and Bridge River Groups) are intruded by synvolcanic, intermediate plutons (Bralorne Intrusions) and faulted against ophiolitic, ultramafic intrusions (President Intrusions) (Figure 3).

Jurassic and Cretaceous basinal sediments and rift volcanics (unnamed, Taylor Creek and Kingsvale Groups) are sequentially intruded by Cretaceous and Tertiary plutons of felsic composition (Coast, porphyry and Bendor Intrusions). Relatively flat-lying Tertiary intermediate and mafic volcanics (Rexmount porphyry and plateau basalt) cap the lithological sequence (Table 2).

Mineralization is regionally zoned, both temporally and spatially, from cretaceous Cu-Mo (Au-Ag) porphyries with Coast plutons in the west; through cretaceous-tertiary Au-Ag (Cu-Mo-W-Pb) quartz veins and Au-Ag (As-Sb-Hg-Cu-Pb-Zn) sulfide shears with Bralorne intrusions and porphyry dikes; to Tertiary Hg-As-Sb-W sulfosalt disseminations with Rexmount porphyries to the east.

Bralorne and Pioneer mines, the biggest gold producers in the Bridge River district, comprise the largest and richest lode gold mining camp in British Columbia. Between 1899 and 1971, they produced 4.16 million ounces gold and 0.95 million ounces silver from 8.23 million tons ore, grading 0.51 oz/ton gold and 0.12 oz/ton silver. Gold-bearing quartz veins follow two sets of narrow fissures in Pioneer andesite and Bralorne diorite near Bralorne granite and albitite dikes. Mining stopped in ore some 2000 metres down because of the high temperature problem and high mining costs.

To the north of Bralorne, the Tuscarora prospect on the Guns Gold claim is located in the same geological belt as Bralorne-Pioneer mines. Immediately to the northeast of the property lies the old Wayside mine, where 5,341 oz. gold were produced from a Bralorne-type gold-silver quartz vein. Other nearby mineral prospects include copper-zinc massive sulfides and gold-silver vein shears on the Wayside property. Thus, the exploration and mining potential of old prospects such as the Tuscarora occurrence needs to be re-evaluated.

### Property

The Guns Gold property is underlain predominantly by cherts and argillites of the Triassic Bridge River Group (Figure 4). These rocks are typically dark colored, thin bedded, well foliated and sparsely outcropping, with minor interbedded limestone and siltstone. Conformably overlying, and also in fault contact with the Bridge River rocks is a wedge of Noel Formation siltstones and sandstones. They are more greenish-grey, thickly bedded, massive and cliff-forming compared to the underlying argillites.

On the northeast side of the claims, sparse outcrops indicate the presence of Cadwallader Group andesite-diorite. To the northwest, one outcrop of feldspar porphyry dike was noted along Gun Lake road. The Strata strike northwest and dip steeply southwest, although some steep northeast dips indicate some folding has occurred. One northeast-trending and two northwest-trending faults transect the claims. They are partly responsible for the steep cliffs that prevented grid lines from crossing the peak of Mount Zola.

The old Tuscarora prospect was detected by several old trenches, pits and dumps that are probably related to two old adits reported to be on the claims. Those old workings were partially caved and no attempt was made to examine them. A 4 metre wide shear zone is reported to occur in the upper adit, where it trends northwest with steep dips. Other, minor shear zones were noted on the claim and rock samples did return slightly anomalous values in gold, silver, arsenic, copper and molybdenum. Good geological potential for the Guns Gold property is indicated by the presence of Bridge River sediments, Cadwallader plugs and a porphyry dike. Similar rocks on the nearby Wayside property host gold veins, sulfide shears and massive sulfides.

GUNS GOLD CLAIM

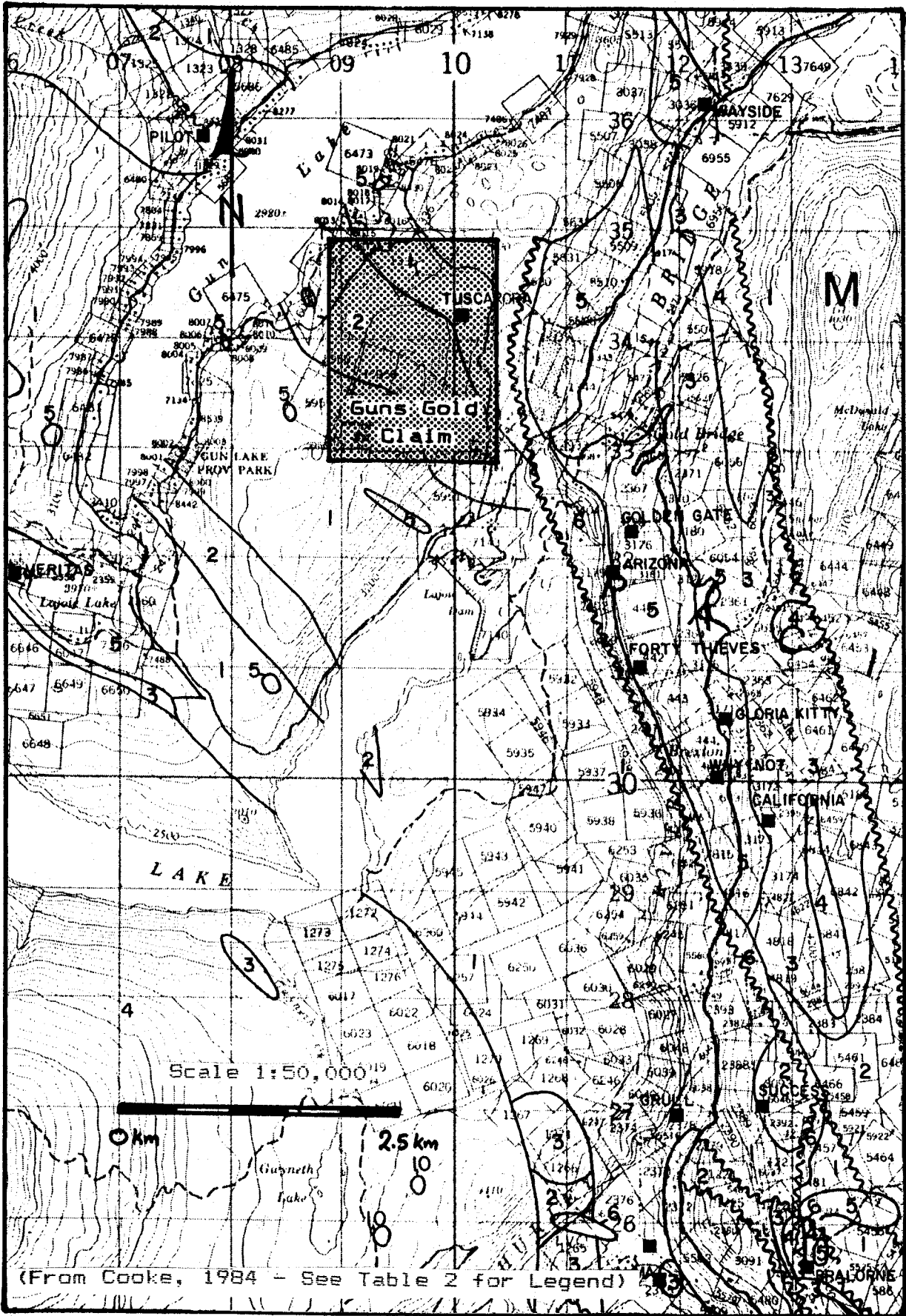


Figure 3: Regional Geology Map

PERIOD	UNIT		LITHOLOGY
Upper Tertiary	Plateau Basalt	14	basalt, rhyolite flows, breccias unconformable contact
Lower Tertiary	Rexmount Porphyry	13	rhyolite, dacite, andesite tuffs, flows, plugs unconformable contact
	Bendor Intrusions	12	granodiorite, quartz diorite, quartz monzonite intrusive contact
Upper Cretaceous	Porphyry Dikes	11	quartz, feldspar, hornblende porphyry dikes intrusive contact
	Coast Range Intrusions	10	quartz diorite, diorite, granodiorite intrusive contact
	Kingsvale Group	9	arkose, greywacke, shale, conglomerate unconformable contact
Lower Cretaceous	Taylor Creek Group	8	conglomerate, shale, tuff, breccia unconformable contact
Lower Jurassic	Unnamed Sediments	7	argillite, shale, sandstone, limestone, conglomerate unconformable contact
Upper Triassic	Bralorne Intrusions	6	augite diorite, soda granite, albitite dikes intrusive contact
	President Intrusions	5	serpentinite, peridotite pyroxenite, dunite, gabbro fault contact
	Cadwallader Group Hurley Formation	4	limy argillite, sandstone, conglomerate, limestone, greenstone, tuff, chert
	Pioneer Formation	3	greenstone, basalt, andesite, flows, tuffs
	Noel Formation	2	argillite, chert, conglomerate, greenstone conformable contact?
Middle Triassic	Bridge River Group	1	chert, argillite, siltstone, limestone, greenstone, basalt, metamorphic equivalents

Table 2: Formation list.



## GEOCHEMISTRY

### Rocks

Two rock samples from minor shear zones gave background gold values (0.001 oz/ton Au) and slightly anomalous silver assays (0.07 oz/ton Ag). Previous rock sampling from a wide shear zone in the upper adit in 1983 showed slightly anomalous values in gold (20 ppb), silver (1.5 ppm), arsenic (113 ppm), copper (107 ppm) and molybdenum (13 ppm).

### Soils

A total of 1225 soil samples were collected at 25 metre intervals along grid lines spaced 100 metres apart. Holes were dug through a volcanic ash layer, rusty B horizon soil was placed in kraft paper bags, and sent to Min-En Laboratories in North Vancouver for analysis of Ag, As, Cu, Pb, Sb and An by I.C.P. and Au by A.A. methods.

Five gold anomalies were detected, ranging from 25 ppb up to 145 ppb Au, above a background of 5 ppb Au. Two silver anomalies gave values of 2 ppm Ag but the contoured data show no significant trends.

No antimony anomalies were recorded over background values of 2 ppm Sb and two arsenic anomalies produced values of up to 52 ppm As. The contoured data do show an anomalous arsenic zone trending from L1400N 900W to L1600N 1125 W.

Several copper anomalies were located, running as high as 448 ppm Cu, over background levels of 30 ppm Cu, including an anomalous copper zone that trends from L300N 1350W to L500N 1450W. Contoured zinc data show spotty highs up to 490 ppm Zn on the western half of the grid, including a semi-continuous zone that runs from L1200N 1050W to L1900N 900W.

Lead gave only three high values up to 148 ppm, over a background of 15 ppm Pb. However, all geochemical anomalies could reflect underlying gold vein, sulfide shear or massive sulfide mineralization.



## GEOFYSICS

### Magnetic

A total of 31.1 kilometres were surveyed using a Scintrex MP2 magnetometer to read total field strengths at 25 metre intervals on grid lines spaced 100 metres apart. Magnetic response ranged from a low of 56,900 gammas in the southwest to a high of 60,200 gammas to the northeast.

Ground magnetics show very clearly a strong, magnetic anomaly crossing the northeast part of the claim. Sparse outcrops indicate that Cadwallader andesite-diorite underlies this area, probably as two or more layers separated by Bridge River chert-argillite interlayers. Cadwallader andesites-diorites are known to be prospective host rocks for Bralorne-type gold veins.

### Electromagnetic

Some 10.6 kilometres were surveyed using a Sabre Model 21 VLF-EM unit. Although several transmitting stations were tried, none were available full-time, so only the Cutler, Maine data set is presented here.

One significant, electromagnetic conductor was detected from L00N 075W to L60N 150W. It is probable that a mineralized, wet-clay or graphite-rich shear zone within the Bridge River chert-argillite is responsible for the anomaly.

## CONCLUSION

### Conclusions

1. Guns Gold property is well located for exploration and mining, being situated in the heart of the Bridge River Mining District, the largest, richest gold camp in British Columbia. Road access, moderate terrain, mild climate and readily available man-power, hydro-power, water and timber all favor the economics of exploration and mining at Guns Gold.
2. The claim has a history of gold exploration and development, including two short adits on a weakly mineralized, shear zone. Good exploration potential exists for Bralorne-type gold-quartz veins, gold-sulfide shears, and massive sulfide zones, as suggested by favorable geology, geochemical and geophysical anomalies.
3. Bridge River district is predominantly underlain by Triassic Bridge River Group sediments, in fault contact with Triassic Cadwallader Group volcanics and plugs, overlain by Jurassic-Cretaceous sediments and intruded by Cretaceous-Tertiary plutons. Mineralization is regionally zoned from older, Cu-Mo (Au-Ag) showings in the west through progressively younger Au-Ag (Cu-Mo-W-Pb) veins, Au-Ag (As-Sb-Hg-Cu-Pb-Zn) shears to Hg-As-Sb-W occurrences moving eastward.
4. The Guns Gold property is located in the same geological belt of Triassic Bridge River chert-argillite and Cadwallader sandstone-siltstone-andesite-diorite as the old Bralorne-Pioneer mines and the nearby Wayside property. Known mineralization consists of a few, narrow shear zones that are weakly anomalous in gold, silver, arsenic, copper and molybdenum.
5. Significant geochemical anomalies in gold (up to 145 ppb), arsenic (up to 52 ppm) and copper (up to 448 ppm) occur on the west half of the property. These anomalies could reflect underlying vein, shear or sulfide mineralization.
6. A major magnetic high in the northeast corner of the claim reflects underlying Cadwallader andesite-diorite rocks, which are prospective for Bralorne-type gold vein deposits. A strong electromagnetic conductor east of the baseline could be a response to gold shear or massive sulfide mineralization.

### Recommendations

1. A two phase, \$150,000 work program is proposed to explore the Guns Gold property. Phase 1 requires a \$40,000 expenditure over a one month period for VLF-electromagnetic surveying, adit rehabilitation and backhoe trenching. Phase 2, contingent upon the success of Phase 1, calls for \$110,000 to be spent over two months for reverse circulation drilling of prospective zones.
2. Phase 1 includes completion of the 31 kilometre VLF-electromagnetic survey grid, rehabilitation, mapping and sampling of the two old adits, and 500 metres of backhoe trenching, mapping and sampling. These are proven techniques for discovering ore in the Bridge River area in recent years.
3. Phase 2 involves 1,000 metres of reverse circulation drilling on prospective geological, geochemical and geophysical targets. This relatively quick, cheap method was used recently in this area by Manhattan Minerals, to test mineralized zones with considerable success.

COST STATEMENT

COOKE GEOLOGICAL CONSULTANTS LTD.  
SUITE 107 - 325 HOWE STREET  
VANCOUVER, B.C.  
V6C 1Z7

TELEPHONE: 685-9700

Mr. Peter Stokes  
Beacon Hill Consultants Ltd.  
Suite 2690 - 666 Burrard Street  
Vancouver, B.C.  
V6C 2X8

02 November 1987

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INVOICE BC87GG1

Line Cutting 33.1 km x \$250	\$ 8,275.00
Soil Sampling 1302 soils x \$7.50	9,765.00
Electromagnetic Surveying 10.6 km x \$125	1,325.00
Magnetic Surveying 31.1 km x \$125	3,887.00
Geological Mapping 33.1 km x \$250	<u>8,275.00</u>
TOTAL DIRECT FIELD COSTS	<u>\$31,527.00</u>

\$31,527.00

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BRADFORD J. COOKE  
CONSULTING GEOLOGIST

References

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Roddick, J.A. and Hutchinson, W.W., 1973, Pemberton (East Half) map area, B.C., G.S.C. Paper 73-17, Map 13-1973, 21pp.

Woodsworth, G.J. and Roddick, J.A., 1977, Geology of Pemberton map area, G.S.C. Open File 482.

QUALIFICATIONS

I, Bradford J. Cooke, am a professional geologist with a consulting business, Cooke Geological Consultants Ltd., located at Suite 107 - 325 Howe Street, Vancouver, B.C., V6C 1Z7.

I obtained a B.Sc. Honours Geology degree at Queen's University, Kingston, Ontario in 1976 and completed a M.Sc. Geology degree at the University of British Columbia, Vancouver, B.C. in 1984.

I have worked in mineral exploration, both seasonally and full-time, since 1975 and have performed geological field work since 1973.

I am a Fellow of the Geological Association of Canada, a Member of the Canadian Institute of Mining and Metallurgy, a Member of the Prospectors and Developers Association of Canada, and a Member of the B.C.-Yukon Chamber of Mines.

I personally reviewed the literature on Guns Gold and supervised a small exploration program on the property.

I have no interest, nor do I expect to receive any interest, in the securities or properties of any company that has ownership in the Guns Gold claim.

I consent to the inclusion of this report in a Prospectus or other qualifying documents for the purpose of raising funds through the Vancouver Stock Exchange or other financial institutions.

*Brad Cooke*

Bradford J. Cooke  
Cooke Geological Consultants Ltd.  
December 24, 1987

**APPENDIX 1: Analytical Procedures**

Routine Gold-Assay Procedures  
Used by Min-En Labs. Ltd.

1. Samples are received, cataloged and dried at 105°C if necessary.
2. Whole sample is passed through a primary crusher which reduces sample to  $-\frac{1}{2}$  inch.
3. Whole sample is further passed through a secondary crusher which further reduces the sample to -10 mesh.
4. The whole sample is riffled through a  $\frac{1}{2}$  inch riffle to obtain a subsample of approx 300-400 grams. The remaining reject is bagged and stored.
5. The above 300-400 gram split is then pulverized to obtain -100 mesh using an iron plate rotary mill pulverizer.
6. Sample pulp is now rolled and analysed.
7. The sample pulp is assayed for gold using a 1 assay ton fire assay preconcentration and atomic absorption finishing techniques.
8. The remaining sample pulp is retained and stored.



## MIN-EN Laboratories Ltd.

*Specialists in Mineral Environments*

Corner 15th Street and Bewicke  
705 WEST 15TH STREET  
NORTH VANCOUVER, B.C.  
CANADA V7M 1T2

### GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pretreated with HNO<sub>3</sub> and HClO<sub>4</sub> mixture.

After pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl ~~Ketone~~ ~~---~~ ~~---~~

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 0.005 ppm (5ppb).

## *MIN-EN Laboratories Ltd.*

*Specialists in Mineral Environments*

Corner 15th Street and Bewicke  
705 WEST 15TH STREET  
NORTH VANCOUVER, B.C.  
CANADA V7M 1T2

### ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK - 26 ELEMENT ICP

Ag, Al, As, B, Bi, Ca, Cd, Co, Cu, Fe, K, Mg, Mn, Mo,  
Na, Ni, P, Pb, Sb, Sr, Th, U, V, Zn

Samples are processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by jaw crusher and pulverized by ceramic plated pulverizer.

1.0 gram of the samples are digested for 6 hours with HNO<sub>3</sub> and HClO<sub>4</sub> mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by Computer operated Jarrell Ash 9000 ICP. Inductively coupled Plasma Analyser. Reports are formatted by routing computer dotline print out.

APPENDIX 2: Assay Certificates

**MIN-EN LABORATORIES LTD.**

*Specialists in Mineral Environments*

705 West 15th Street North Vancouver, B.C. Canada V7M 3T2

TEL: (604) 980-9814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Analytical Report

Company: PETER STOKES  
Project: BC 8786  
Attention: PETER STOKES

File: 7-1683  
Date: DEC 4/87  
Type: SOIL GEOCHEM

Date Samples Received : OCT 23/87  
Samples Submitted by : BILL CHASE

Report on ..... 1227 SOILS ..... Geochem Samples  
.....  
..... Assay Samples  
.....

Copies sent to:  
1. PETER STOKES, VANCOUVER, B.C.  
2.  
3.

Samples: Sieved to mesh ..... -60 ..... Ground to mesh .....

Prepared samples stored: ..... X ..... discarded: .....  
rejects stored: ..... discarded: ..... X .....

Methods of analysis:  
  
5 ELEMENT TRACE ICP.  
AU-WET. A.A.

Remarks

COMPANY: PETER STOKES

MIN-EN LABS ICP REPORT

FILE NO: 7-1683/P1+2

PROJECT NO: 80 8766

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

ATTENTION: PETER STOKES

(604)980-5814 OR (604)988-4524

\* TYPE 501L BECHEM \* DATE: DEC 4, 1987

VALUES IN PPM	AS	AS	CU	PB	SB	ZN	RU-PPB
000 000W 40M	1.0	35	1394	15	5	59	5
000 025W	.8	8	46	19	1	63	5
000 050W	1.1	2	30	12	3	74	5
000 075W	1.1	4	30	11	2	77	10
000 100W	.9	1	32	13	2	112	5
000 125W	1.0	5	32	15	2	118	5
000 150W	1.2	16	47	15	2	160	5
000 175W	.6	7	8	11	2	46	5
000 200W	.8	5	21	14	1	102	10
000 225W	1.0	9	30	34	1	117	5
000 250W	.5	6	15	11	1	96	5
000 275W	1.0	2	40	22	2	160	5
000 300W	.8	2	40	11	1	100	5
000 325W	1.0	22	48	13	3	124	5
000 350W	.9	18	52	19	1	139	5
000 625W	1.1	34	75	18	7	164	5
000 650W	.9	4	17	12	2	131	5
000 675W	1.2	8	76	16	2	153	5
000 700W	1.1	4	36	15	2	150	5
000 725W	1.0	10	28	14	1	3334	5
000 750W	1.6	8	48	24	4	3104	15
000 775W	1.2	16	43	21	7	102	5
000 800W	1.2	9	33	17	2	124	5
000 825W 40M	.7	11	14	18	2	116	5
000 850W	.9	14	33	13	5	109	5
000 875W	1.1	14	43	14	5	123	10
000 900W	.6	5	12	13	1	72	5
000 925W	1.7	8	69	24	8	171	5
000 950W	.9	12	14	14	1	106	5
000 975W	.6	6	13	14	2	134	5
000 1000W	.9	7	41	24	5	212	5
000 1025W	1.0	17	81	20	5	216	15
000 1075W 20M	.7	14	68	18	4	116	10
000 1100W 20M	.1	10	9	16	1	60	5
000 1125W	.5	1	8	9	3	96	5
000 1150W	1.3	21	37	15	2	114	5
000 1175W	.7	4	15	16	2	102	10
000 1200W	1.2	24	39	20	2	137	5
000 1225W	.7	11	17	14	4	104	10
000 1250W 40M	.9	22	56	21	2	172	5
000 1275W	1.0	22	79	22	7	217	5
000 1300W	1.0	19	35	15	2	116	10
000 1325W	.4	4	10	12	1	74	5
000 1350W	1.2	23	75	14	1	172	5
000 1375W	.2	7	7	9	2	63	10
000 1400W 40M	.4	5	8	14	2	31	5
000 1425W	.7	1	15	10	4	64	5
000 1450W	.8	19	43	11	2	164	5
000 1475W	.7	1	9	17	3	176	5
000 1500W	1.1	18	30	9	2	164	5
025W 750W 40M	.6	1	9	13	2	40	5
050W 750W 20M	1.1	14	19	26	3	91	10
075W 750W	.4	3	11	9	2	52	5
100W 000W	.7	18	39	28	2	57	5
100W 025W	1.2	5	29	17	3	88	5
100W 050W	.9	1	27	17	2	81	10
100W 075W	1.1	14	57	18	3	153	10
100W 100W	.8	23	78	31	4	57	5
100W 125W	.8	1	28	18	2	72	5
100W 150W	.6	14	25	11	1	87	5

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
100N 175W 40N	.6	2	17	21	2	63	5
100N 200W	.2	4	6	7	2	92	10
100N 225W	.4	6	10	9	1	69	5
100N 250W 20N	.8	18	22	23	1	264	5
100N 275W 40N	.5	6	15	19	2	84	10
100N 300W	.7	2	40	21	1	104	5
100N 325W	.9	2	52	22	2	144	5
100N 350W	.9	3	42	12	2	84	5
100N 375W	1.1	3	48	18	4	111	5
100N 400W	.7	30	82	13	8	158	10
100N 725W	.9	3	38	9	2	123	5
100N 750W 20N	.5	12	9	14	1	51	5
100N 775W	1.4	3	41	22	3	259	5
100N 800W	1.4	6	56	16	3	176	5
100N 825W 40N	1.5	1	55	17	4	183	5
100N 850W 20N	.3	4	11	12	1	46	10
100N 875W	1.9	19	50	25	8	121	5
100N 900W	1.5	3	60	20	3	316	5
100N 925W	1.8	8	64	21	2	209	5
100N 950W	1.1	11	14	25	2	259	5
100N 975W	1.1	17	56	14	7	196	5
100N 1000W 40N	1.4	22	56	15	3	181	10
100N 1025W	.9	19	48	10	2	194	5
100N 1050W	.8	23	67	17	1	163	5
100N 1075W	1.1	30	84	20	2	173	5
100N 1100W	1.0	22	85	22	7	163	5
100N 1125W 40N	1.0	2	44	13	2	141	5
100N 1150W	1.0	20	43	12	2	237	5
100N 1175W 40N	.8	6	10	19	2	118	10
100N 1200W	1.1	22	56	17	2	295	5
100N 1225W 40N	.1	2	4	13	1	90	5
100N 1250W	.6	7	16	11	1	89	10
100N 1275W	.5	4	1	9	2	62	5
100N 1300W	.7	8	20	14	3	164	5
100N 1325W	1.5	14	72	28	1	289	5
100N 1350W 20N	.5	2	4	9	1	121	5
100N 1375W	.7	9	25	7	1	68	10
100N 1400W N/S							
100N 1425W	1.0	8	43	24	2	164	10
100N 1450W	.9	10	27	11	1	160	5
100N 1475W 40N	.7	4	3	12	1	146	10
100N 1500W 40N	1.0	9	29	22	4	244	5
125N 750W	.8	10	20	16	3	109	5
150N 750W	1.0	11	26	18	5	173	10
175N 750W	.7	4	15	17	1	196	10
200N 025W	1.0	10	19	17	3	72	5
200N 050W	1.0	13	23	17	4	64	5
200N 075W	.9	13	23	14	3	50	5
200N 100W	1.0	11	13	16	3	73	5
200N 125W	1.1	13	17	19	3	80	5
200N 150W	1.0	19	62	17	3	74	10
200N 175W	1.1	10	28	16	1	238	5
200N 200W	1.0	11	28	13	4	109	5
200N 225W	.8	11	28	14	4	281	5
200N 250W	.9	11	25	9	4	84	10
200N 275W	.7	12	15	9	2	109	10
200N 300W	.7	13	17	6	1	164	5
200N 325W	.7	10	16	11	3	103	5
200N 350W	.7	11	36	11	4	61	5
200N 375W	.7	11	37	8	3	50	5

CONTRACT: PETER STOKES

MIN-EN LABS LUP REPORT

PROJECT NO: BC 8788

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-1683/P5+6

ATTENTION: PETER STOKES

(604)980-5814 OR (604)938-4524

\* TYPE SOIL GEDCHEM \* DATE: DEC 4, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PFB
200N 625W	.9	11	27	18	3	99	5
200N 650W	.8	13	33	13	3	108	5
200N 675W 20M	.2	1	3	9	1	85	5
200N 700W	.7	5	4	8	1	115	10
200N 725W	.6	10	26	24	4	139	5
200N 750W 40M	.6	4	8	7	1	73	5
200N 775W 40M	.2	4	6	11	1	73	5
200N 800W	.8	10	30	12	4	97	5
200N 825W	.8	13	38	16	1	96	5
200N 850W	1.0	11	34	16	4	102	5
200N 875W	1.4	10	35	24	4	279	10
200N 900W	1.1	15	47	13	4	97	5
200N 925W	.9	12	23	16	4	180	5
200N 950W	1.3	12	42	12	5	142	5
200N 975W	1.1	9	23	13	1	153	5
200N 1000W	1.3	11	42	18	4	99	5
200N 1025W 40M	.7	5	4	9	1	98	5
200N 1050W 40M	1.7	12	51	17	5	141	5
200N 1075W 20M	1.2	14	72	17	5	147	5
200N 1100W 20M	.6	4	3	14	1	138	5
200N 1125W	1.5	12	50	18	1	182	5
200N 1150W	1.2	12	43	15	4	175	10
200N 1175W	.7	3	5	19	1	123	5
200N 1200W	1.0	11	24	13	1	265	5
200N 1225W	.6	6	3	10	2	100	5
200N 1250W	.6	5	3	14	2	151	10
200N 1275W	.8	5	14	10	2	113	145
200N 1300W	.9	8	17	10	3	92	15
200N 1325W 20M	.3	1	4	9	1	71	5
200N 1350W 20M	.3	4	6	11	1	87	5
200N 1375W 40M	.3	1	5	12	1	81	5
200N 1400W	.7	8	21	13	1	127	5
200N 1425W	.8	8	25	14	3	103	5
200N 1450W 40M	.3	4	1	5	1	55	10
200N 1475W	.6	7	13	18	3	138	5
200N 1500W	.7	6	18	12	1	123	5
300N 025W	.6	5	6	9	1	42	5
300N 050W	.7	11	17	10	2	41	5
300N 075W	1.0	10	12	16	3	63	5
300N 100W	1.0	12	21	12	4	49	10
300N 125W 20M	.8	6	38	5	3	61	5
300N 150W 20M	1.0	8	16	10	2	72	5
300N 175W	1.0	12	27	16	4	135	10
300N 200W 20M	1.1	13	17	7	1	25	5
300N 250W 20M	.4	4	9	7	1	36	5
300N 275W 20M	.6	6	37	8	2	193	20
300N 300W	.5	4	78	12	2	162	5
300N 325W	.3	3	34	10	2	62	5
300N 350W	.6	6	19	8	1	75	5
300N 375W	.4	7	35	14	2	89	5
300N 400W	.7	13	42	15	4	101	10
300N 425W	.7	6	91	11	1	220	5
300N 450W	.8	14	69	20	4	160	5
300N 800W	1.0	11	34	12	1	171	5
300N 825W	.8	8	27	14	3	129	5
300N 850W	1.2	12	26	16	1	177	10
300N 875W	.9	9	23	15	3	116	15
300N 900W	1.1	14	25	17	1	115	5
300N 925W	1.1	10	25	17	3	191	5
300N 950W	.8	10	31	10	1	95	5

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LUMPHIN; PETER STOKES

MIN-EN LABS LTD  
MIN-EN LABS INC REPORT

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(AL11P31) PAGE 1 OF 1

PROJECT NO: BC 8766

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-1683/P7

ATTENTION: PETER STOKES

(604)980-5814 DR (604)988-4524

\* TYPE SOIL GEOCHEM \* DATE: DEC 4, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PFB
300N 975W	1.0	10	37	20	4	125	5
300N 1000W	.7	9	19	16	3	151	25
300N 1025W	1.0	13	46	20	4	112	5
300N 1050W	1.4	14	59	23	1	133	5
300N 1075W	1.0	9	22	18	1	388	10
300N 1100W	.8	8	25	9	2	322	5
300N 1125W	1.0	9	46	16	5	182	5
300N 1150W	1.5	13	61	16	1	192	5
300N 1175W	1.0	11	35	12	5	247	5
300N 1200W	.9	10	27	13	4	72	5
300N 1225W	1.4	16	51	17	1	234	10
300N 1250W	.9	9	24	16	3	227	5
300N 1275W	1.1	12	30	17	5	159	5
300N 1300W	1.1	11	36	15	3	109	5
300N 1325W 40M	.5	6	6	5	2	33	5
300N 1350W	1.7	11	119	20	1	184	5
300N 1375W	1.0	10	20	14	1	90	5
300N 1400W	1.2	14	46	20	5	162	10
300N 1425W	1.7	12	32	25	1	223	5
300N 1450W	.5	4	3	6	1	63	5
300N 1475W	.9	12	39	15	1	127	5
300N 1500W	.8	9	17	13	1	264	5
325N 750W	1.0	12	31	11	1	88	5
350N 750W 40M	.7	5	11	10	1	54	10
375N 750W 20M	.2	2	5	12	1	67	5
400N 000W	1.0	10	16	12	3	59	15
400N 425W	.6	9	60	15	2	136	5
400N 450W	1.0	11	74	10	3	105	5
400N 475W	1.0	13	69	18	4	98	5
400N 500W	1.3	12	64	13	1	101	5
400N-025W	.3	9	31	13	3	47	5
400N-050W	.9	8	28	17	3	76	5
400N-075W	1.1	13	17	18	4	153	10
400N-100W	1.3	12	20	25	5	174	5
400N-125W	1.5	14	41	19	5	201	5
400N-150W	1.1	13	34	17	4	110	5
400N-175W	1.5	11	41	21	4	112	5
400N-200W	1.1	9	17	17	5	169	5
400N-225W	1.2	11	14	16	3	59	5
400N-250W 20M	.1	2	7	4	1	6	10
400N-275W 20M	.6	10	15	6	2	17	5
400N-300W	1.2	11	20	20	4	73	5
400N-325W	.8	6	19	14	1	81	5
400N-350W	.2	2	54	9	1	25	10
400N-375W	.6	6	24	11	1	122	5
400N-400W	.9	8	114	18	3	259	5
300N-725W	.6	6	25	17	1	99	5
300N-750W	.6	10	32	17	1	89	5
300N-775W	1.3	16	30	17	1	123	5

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MIN-EN LABS LTD

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(M113F31) PAGE 1 OF 1

PROJECT NO: BC 8766

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-16836/P8+9

ATTENTION: PETER STOKES

(604)980-5814 OR (604)988-4524

\* TYPE SOIL GEOCHEM \* DATE: DEC 4, 1987

(VALUES IN PPM)	AS	AS	CU	PB	SB	ZN	AU-PPB
400N 525W	.7	11	49	17	4	87	5
400N 700W 20M	.2	2	5	7	1	28	15
400N 725W	.7	9	28	10	4	103	5
400N 750W	.6	10	20	9	1	83	5
400N 775W	.6	7	28	12	1	117	5
400N 800W	.8	9	18	6	2	55	5
400N 825W	.9	10	17	13	4	133	10
400N 850W	1.1	14	27	7	4	129	5
400N 875W	1.3	13	32	8	3	169	5
400N 900W	.9	11	21	10	3	71	5
400N 925W	.9	12	37	10	3	42	10
400N 950W	1.1	12	38	17	5	115	5
400N 975W	1.1	10	25	12	4	94	5
400N 1000W	.9	10	30	11	1	87	5
400N 1025W	1.6	10	27	19	1	308	5
400N 1050W	1.4	10	30	21	1	242	10
400N 1075W	1.3	14	50	25	1	113	5
400N 1100W	1.9	30	95	29	6	132	5
400N 1125W	1.3	14	32	22	6	201	5
400N 1150W	1.2	11	28	13	4	210	5
400N 1175W	1.2	14	65	21	2	295	5
400N 1200W	1.0	10	50	15	5	264	10
400N 1225W	.8	13	58	14	5	204	5
400N 1250W	.9	10	24	15	4	163	5
400N 1275W	.4	6	3	9	1	85	5
400N 1300W	.9	9	14	12	4	59	5
400N 1325W	1.5	12	122	26	5	212	5
400N 1350W	1.0	12	18	16	1	101	5
400N 1375W	1.3	5	448	4	2	120	5
400N 1400W	.9	10	29	13	4	133	10
400N 1425W	1.2	10	43	22	1	190	5
400N 1450W	.4	5	8	10	1	38	10
400N 1475W	.9	17	69	25	1	233	5
400N 1500W	.8	12	28	14	2	92	5
425N 750W 20M	.2	3	9	9	1	36	5
450N 750W	1.0	14	27	11	3	84	5
475N 750W	.5	5	7	8	1	36	5
500N 000W	.8	9	15	17	4	58	5
500N 025W	.5	5	22	14	1	163	5
500N 050W	.8	12	25	14	4	60	5
500N 075W	.8	13	29	15	3	75	5
500N 100W	.9	12	29	14	4	76	5
500N 125W	.8	9	20	15	1	74	5
500N 150W	.9	12	20	14	1	83	10
500N 175W	.7	12	17	15	1	81	5
500N 200W	1.1	13	22	22	1	103	5
500N 225W	.9	13	31	19	1	84	5
500N 250W	.9	13	24	17	1	85	5
500N 275W	.6	11	19	15	1	78	5
500N 300W	.5	9	65	23	2	132	10
500N 325W	.4	8	144	15	2	87	5
500N 350W	.9	13	134	18	2	106	5
500N 375W	.6	14	61	15	1	101	5
500N 400W	.8	20	97	25	4	138	5
500N 450W	.9	13	34	22	1	121	5
500N 475W	.8	11	27	12	1	60	5
500N 500W	1.3	10	47	25	1	148	10
500N 525W	.7	10	25	19	2	225	5
500N 550W	.3	9	24	15	2	89	5
500N 575W	.4	7	20	10	3	65	5

PROJECT NO: BC 8766

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-15838/F10+11

ATTENTION: PETER STOKES

(604)980-5214 OR (604)980-4524

\* TYPE SOIL GEOCHEM \* DATE: DEC 4, 1987

(VALUES IN PPM)	AG	AS	CU	FE	SR	ZN	AU-PPB
500N 800W	1.1	7	21	12	3	112	5
500N 825W	.9	9	13	10	3	99	5
500N 850W	.9	6	20	11	3	71	5
500N 875W	.7	10	18	15	4	127	15
500N 900W	.7	7	28	11	4	79	5
500N 925W	.9	10	35	18	1	133	10
500N 950W	.8	12	36	18	4	105	5
500N 975W	.9	9	36	16	4	166	5
500N 1000W	.9	8	30	18	1	104	5
500N 1025W	.7	11	33	21	1	92	5
500N 1050W	1.0	9	29	17	4	159	5
500N 1075W	.8	10	47	19	6	95	10
500N 1100W	.9	12	33	28	1	197	5
500N 1125W	.9	7	24	10	4	104	5
500N 1150W	.8	8	25	13	1	108	5
500N 1175W	1.6	19	63	35	5	112	5
500N 1200W	1.0	11	28	15	1	137	25
500N 1225W	1.0	7	19	11	1	64	15
500N 1250W	1.5	11	77	19	5	321	10
500N 1275W	.9	13	60	17	1	155	5
500N 1300W	.8	8	25	15	1	156	5
500N 1325W	.8	7	25	8	4	151	5
500N 1350W	.9	9	69	16	3	206	10
500N 1375W	.5	5	7	9	1	22	5
500N 1400W	1.2	9	63	19	1	267	5
500N 1425W	.7	9	29	12	4	111	5
500N 1450W	.3	1	118	4	1	36	5
500N 1475W	1.3	10	61	14	4	161	5
500N 1500W	1.1	10	41	21	2	213	5
525N 750W	1.0	7	16	11	3	109	5
550N 750W	1.4	9	23	21	1	66	5
575N 750W	.9	5	19	17	3	79	5
600N 000W	.8	7	26	22	3	95	10
600N 025W	.7	6	23	21	3	155	5
600N 050W	.8	7	15	17	3	58	5
600N 075W	.8	6	25	15	2	64	5
600N 100W	.7	7	17	13	2	52	10
600N 125W	.7	7	19	15	2	52	5
600N 150W	.8	9	42	13	2	83	5
600N 175W	.9	10	24	19	3	75	5
600N 200W	.7	11	22	21	4	146	5
600N 225W	.8	11	33	15	4	104	10
600N 250W	.9	11	27	15	3	62	5
600N 275W	.9	9	23	15	3	67	5
600N 300W	.6	1	39	14	1	56	5
600N 325W	.8	5	37	17	1	80	10
600N 350W	.8	9	50	20	3	115	5
600N 375W 40M	1.1	11	42	19	3	91	5
600N 400W 20M	.7	5	79	16	2	133	5
600N 650W	.8	8	26	16	4	216	10
600N 675W 20M	.1	1	5	12	1	74	5
600N 700W	1.1	11	38	19	4	143	5
600N 725W	.7	7	20	17	1	195	5
600N 750W	.8	9	17	13	1	109	5
600N 775W	.5	6	26	9	3	80	10
600N 800W	1.1	10	36	16	1	119	5
600N 825W	.8	9	30	10	1	69	5
600N 850W	.8	8	22	17	1	95	5
600N 875W	.8	9	27	13	4	68	5
600N 900W	.5	7	15	8	3	70	5

CLIENT: PETER STOKES

MIN-EN LABS (LP REPORT)

PROJECT NO: BC 8766

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-16835/P12+13

ATTENTION: PETER STOKES

16041980-5514 OR 16041988-4524

\* TYPE SOIL DEGCHEM \* DATE: DEC 4, 1987

(VALUES IN PPM)	AG	AS	CU	FB	SB	ZN	AU-FPB
600N 925W	1.3	4	7	18	2	102	5
600N 950W	.8	6	29	19	4	86	5
600N 975W	1.0	11	45	17	1	129	5
600N 1000W	.8	10	52	16	2	132	5
600N 1025W	.7	11	51	19	1	103	5
600N 1050W	1.0	9	39	14	5	258	10
600N 1075W	.6	7	40	13	4	144	5
600N 1100W	.8	8	53	19	5	110	5
600N 1125W	.9	10	38	19	4	124	5
600N 1150W	.7	9	24	12	4	121	5
600N 1175W	.7	13	58	19	6	89	5
600N 1200W	.6	10	28	12	1	96	5
600N 1225W	.9	12	47	15	4	183	5
600N 1250W	.9	8	50	19	4	171	5
600N 1275W	.7	9	29	18	1	124	10
600N 1300W	1.1	10	55	23	1	311	5
600N 1325W	.8	8	30	14	3	118	5
600N 1350W	.8	6	24	12	3	184	5
600N 1375W	.6	6	22	11	3	119	5
600N 1400W	.8	7	37	17	1	248	5
600N 1425W	.8	11	43	16	4	137	10
600N 1450W	1.3	5	34	18	1	182	5
600N 1475W	.3	1	86	4	1	21	5
600N 1500W	.6	8	36	16	4	190	5
625N 750W	.8	5	20	16	2	135	5
650N 750W	.8	7	23	12	1	106	5
675N 750W	.8	7	27	17	3	305	5
700N 000W	.9	9	23	18	3	104	10
700N 025W	.7	7	17	13	2	59	5
700N 050W	.7	9	22	8	2	48	5
700N 075W	1.0	7	19	23	2	63	10
700N 100W	.8	6	20	21	2	78	5
700N 125W	.7	7	18	14	2	69	5
700N 150W	.9	7	23	16	2	106	5
700N 175W	.9	4	30	18	3	113	10
700N 200W	.9	8	31	17	2	119	5
700N 225W	1.1	6	31	16	3	201	5
700N 250W	.8	7	25	13	2	74	5
700N 275W	1.1	10	71	18	4	154	5
700N 300W	1.3	9	82	20	4	166	10
700N 325W	.9	6	22	12	3	101	5
700N 350W	.9	9	25	12	2	76	5
700N 425W	.9	7	119	22	1	223	5
700N 450W	1.4	11	93	23	1	154	5
700N 475W 20M	.2	1	31	13	1	75	5
700N 500W	1.6	10	113	28	1	165	5
700N 525W	1.5	10	102	24	3	160	10
700N 550W 40M	.8	6	49	24	1	121	5
700N 575W 40M	.5	4	7	14	1	96	5
700N 600W	.6	3	7	12	1	103	5
700N 625W	.7	9	25	15	3	125	5
700N 650W	.9	8	27	17	3	173	5
700N 675W 20M	.2	1	9	15	1	111	5
700N 700W	.9	7	24	19	4	127	15
700N 725W N/S							
700N 750W	.7	6	22	11	4	73	10
700N 775W	.9	6	32	16	1	194	5
700N 800W	.9	10	38	23	1	168	5
700N 825W	.8	8	32	22	1	142	5
700N 850W	.8	11	28	17	1	83	5

PROJECT NO: 80 8788

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-16838/F14-13

ATTENTION: PETER STOKES

(604)980-5814 OR (604)988-4524

\* TYPE SOIL GEOCHEM \* DATE: DEC 4, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AD-PPB
700N 875W	1.0	5	23	21	1	113	5
700N 900W	1.6	11	41	19	10	128	5
700N 925W	1.2	10	46	24	1	103	5
700N 950W	1.4	8	54	18	1	140	10
700N 975W	1.0	11	51	20	1	125	5
700N 1000W 40M	.7	3	14	17	1	94	5
700N 1025W	1.1	4	11	17	2	158	5
700N 1050W	1.1	9	31	16	5	140	5
700N 1075W	.8	7	24	14	3	88	5
700N 1100W	.8	5	5	12	2	118	5
700N 1125W	1.0	9	41	16	1	86	5
700N 1150W	1.2	8	63	23	1	490	5
700N 1175W	.9	9	28	17	1	99	10
700N 1200W	1.4	13	53	17	6	361	5
700N 1225W	.9	9	21	15	4	81	5
700N 1250W	1.1	7	33	22	1	95	5
700N 1275W 40M	.5	2	7	9	1	54	5
700N 1300W	1.1	9	27	17	3	121	5
700N 1325W	.9	7	39	15	3	64	5
700N 1350W	.9	7	22	12	1	92	5
700N 1375W	.9	6	20	20	3	147	10
700N 1400W	1.5	11	193	18	3	141	5
700N 1425W	.9	7	38	14	3	156	5
700N 1450W	.8	7	25	10	3	73	5
700N 1475W	1.2	7	21	12	3	123	5
700N 1500W	.7	3	6	8	1	29	5
725N 750W	.6	8	27	14	1	112	10
750N 750W	.5	8	39	15	4	123	5
775N 750W	.5	4	20	15	1	103	5
800N 000TL	.6	8	17	9	2	60	5
800N 025W	.9	6	26	17	1	54	10
800N 050W	.5	3	18	11	1	53	5
800N 075W	.6	7	17	18	1	50	5
800N 100W	.3	4	25	13	2	65	5
800N 125W	.5	6	19	14	1	76	10
800N 150W	.7	6	23	18	1	81	10
800N 175W	.7	5	24	17	1	95	5
800N 200W	.6	6	46	11	1	54	5
800N 225W	.7	6	21	13	1	65	5
800N 250W 20M	.1	1	12	17	1	116	5
800N 275W 20M	.1	1	7	13	1	56	5
800N 300W 20M	.1	1	7	5	1	35	5
800N 325W 20M	.1	1	15	24	1	97	5
800N 350W 20M	.1	1	6	6	1	25	5
800N 375W	.4	2	21	13	1	88	5
800N 400W	.5	3	74	22	1	176	5
800N 425W	1.1	9	38	18	1	135	5
800N 450W	.7	6	91	21	3	75	10
800N 475W 40M	.8	5	71	18	3	98	5
800N 500W	.9	8	106	22	5	159	5
800N 525W	1.0	10	66	22	1	150	5
800N 725W 40M	.4	4	26	17	2	97	5
800N 750W	.5	2	6	12	1	45	5
800N 775W	.4	7	5	10	1	79	10
800N 800W	.7	7	19	9	2	108	5
800N 825W	.8	6	24	29	3	182	5
800N 850W	.7	8	44	17	3	130	5
800N 875W	.4	2	20	9	1	60	5
800N 900W	.8	8	34	16	3	103	5
800N 925W	.7	4	19	14	1	86	5

CLIENT: PETER STOKES

MIN-EN LABS LLP REPORT

PROJECT NO: BC 8766

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-16835/P16+17

ATTENTION: PETER STOKES

(604)980-5814 OR (604)988-4524

\* TYPE SOIL BEDCHEM \* DATE: DEC 4, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SE	ZN	AU-PPB
800N 950W	.9	6	36	18	2	136	5
800N 975W	1.0	12	58	26	3	146	5
800N 1000W	1.1	6	29	24	2	212	5
800N 1025W	.7	6	29	17	1	75	10
800N 1050W	.7	10	26	13	2	139	10
800N 1075W	.5	8	36	9	2	85	5
800N 1100W	.1	1	15	4	1	12	5
800N 1125W	.5	3	55	12	2	28	5
800N 1150W	.2	1	35	5	1	16	5
800N 1175W	1.1	8	62	23	3	415	10
800N 1200W	.6	10	55	19	3	184	5
800N 1225W	.9	10	49	17	3	172	5
800N 1250W	.7	17	38	26	5	167	5
800N 1275W	.9	7	32	10	2	122	10
800N 1300W	.8	10	52	13	3	105	5
800N 1325W	1.0	8	33	15	2	98	5
800N 1350W	.7	6	18	13	2	101	5
800N 1375W	1.1	8	44	11	3	164	10
800N 1400W	.4	3	7	6	1	23	5
800N 1425W	.9	6	33	11	2	146	15
800N 1450W	.4	2	6	11	1	97	5
800N 1500W	.6	8	35	15	4	131	5
825N 750W	.8	10	31	18	4	149	10
850N 750W	.9	6	31	22	4	214	5
900N 000W	.8	6	22	14	2	58	5
900N 025W	.9	7	17	14	1	63	5
900N 050W	.8	7	16	11	1	60	5
900N 075W	.8	7	18	18	2	84	5
900N 100W	.9	9	23	15	1	154	5
900N 125W	.8	12	25	14	1	45	5
900N 150W	.9	7	17	18	2	67	5
900N 175W	.7	7	19	15	1	46	5
900N 200W 40M	1.2	9	35	18	2	100	10
900N 225W	1.0	9	29	14	1	65	5
900N 250W	.8	6	21	15	2	90	5
900N 275W 20M	.4	1	25	12	1	142	10
900N 300W	.6	11	52	21	2	176	5
900N 325W	.7	3	12	12	1	111	5
900N 350W 20M	.1	1	9	9	1	108	5
900N 375W 20M	.2	1	20	14	1	129	5
900N 400W	.4	2	25	8	2	102	5
900N 425W 20M	.1	1	20	11	1	124	10
900N 450W 20M	.4	3	16	12	1	98	5
900N 475W	1.0	10	39	13	3	98	5
900N 500W	1.2	9	47	23	3	164	5
900N 525W	1.0	4	21	19	1	358	5
900N 550W	1.2	12	43	18	3	138	5
900N 575W	.7	4	10	12	1	144	5
900N 600W	1.0	9	29	22	3	224	10
900N 625W 40M	1.1	7	21	21	3	161	5
900N 650W	1.1	7	21	19	2	158	10
900N 675W	.9	7	26	8	2	97	5
900N 700W	.6	2	5	7	1	104	5
900N 725W	1.1	9	29	13	2	112	5
900N 750W	.9	7	24	16	2	159	5
900N 775W	.6	5	26	12	2	87	5
900N 800W	.5	3	15	12	1	152	5
900N 825W	1.0	5	22	11	2	128	5
900N 850W	1.0	8	24	22	3	106	5
900N 875W	1.1	8	31	20	3	125	10

CONTACT: PETER STOKES

MIN-EN LABS 107 NEPURI

(ACT+P31) PAGE 1 OF 1

PROJECT NO: BC 8766

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-16835/P18+19

ATTENTION: PETER STOKES

(604)980-5814 OR (604)988-4524

\* TYPE SOIL GEOCHEM \* DATE: DEC 4, 1987

(VALUES IN PPM)	AG	AS	CU	FB	SE	ZN	AU-PPB
900N 900W 20M	.8	2	7	10	1	30	5
900N 925W	1.0	10	49	29	5	232	10
900N 950W	.8	13	59	26	4	169	5
900N 975W 40M	1.0	4	30	15	2	115	5
900N 1000W	.8	7	22	13	2	54	5
900N 1025W 20M	.3	1	7	8	1	35	5
900N 1050W	.7	7	19	17	3	141	5
900N 1075W	.5	6	34	10	2	129	5
900N 1100W	.7	8	45	19	2	81	10
900N 1125W	.6	7	22	15	2	98	5
900N 1150W	.4	3	4	9	1	40	10
900N 1175W	.7	7	22	14	3	87	5
900N 1200W	.7	9	23	10	3	95	5
900N 1225W	.6	6	42	18	5	72	10
900N 1250W	.3	6	23	15	2	76	5
900N 1275W	.6	3	6	10	1	58	5
900N 1300W	1.1	9	45	15	1	73	5
900N 1325W	1.6	8	28	17	2	105	5
900N 1350W	.8	9	30	15	2	165	10
900N 1375W	.9	5	40	13	3	165	5
900N 1400W	.7	6	30	12	3	137	5
900N 1425W	.6	7	19	17	2	70	10
900N 1450W	.3	7	43	17	3	83	5
900N 1475W	.9	6	44	22	1	100	10
900N 1500W	1.0	7	42	12	4	235	5
925N 750W	1.0	6	23	13	3	120	5
950N 750W	1.1	8	21	18	4	171	10
975N 750W	.9	6	15	12	2	107	5
1000N 000W	.9	8	18	20	2	64	5
1000N 025W	1.0	12	37	13	1	49	5
1000N 050W	.6	8	28	14	1	53	10
1000N 075W	.6	6	18	19	1	49	5
1000N 100W 20M	.4	3	11	15	1	65	5
1000N 125W	.6	13	17	14	3	45	5
1000N 150W	.6	18	38	22	1	49	5
1000N 175W	.4	5	9	16	1	58	10
1000N 200W	.1	2	6	12	1	49	5
1000N 225W 20M	.2	1	4	6	1	19	5
1000N 250W	1.5	51	83	55	3	189	5
1000N 275W 20M	.4	23	41	24	1	92	5
1000N 300W	.4	22	52	22	2	103	5
1000N 325W	1.0	21	56	21	2	74	5
1000N 350W 20M	.7	7	35	14	1	112	10
1000N 375W	1.5	15	58	21	1	95	5
1000N 400W	.8	8	36	18	2	98	5
1000N 425W 20M	.9	4	49	17	1	127	5
1000N 450W	1.4	11	74	28	3	217	5
1000N 475W	1.3	10	51	24	3	189	5
1000N 500W	.9	10	42	22	3	134	10
1000N 525W	.5	6	36	18	3	123	5
1000N 550W	.3	2	6	6	1	68	5
1000N 575W	.5	9	24	9	1	140	5
1000N 600W 20M	.7	6	26	11	1	77	5
1000N 625W	1.0	8	31	22	3	160	10
1000N 650W	1.0	6	20	17	3	210	10
1000N 675W	1.1	9	29	19	2	164	5
1000N 700W	1.0	9	47	22	4	257	5
1000N 725W	.8	10	27	21	3	149	5
1000N 750W	.6	7	38	15	2	67	10
1000N 775W	.5	10	32	16	3	178	5

PROJECT NO: BC 8766

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-16835/P00+23

ATTENTION: PETER STOKES

16041980-5314 OR 16041988-4524

\* TYPE SOIL GEOCHEM \* DATE: DEC 4, 1987

VALUES IN PPM	AS	MS	CU	PB	SB	ZN	AU-PPB
1000N 800W	.9	8	20	19	2	141	5
1000N 825W	.6	8	16	20	2	125	5
1000N 850W	.5	3	6	8	1	60	5
1000N 875W	.6	6	23	14	1	93	10
1000N 900W	.7	6	14	13	3	140	5
1000N 925W	.3	3	4	11	1	79	5
1000N 950W	.8	10	48	24	4	200	5
1000N 975W	1.0	11	39	17	4	137	5
1000N 1000W	.8	9	40	24	4	147	5
1000N 1025W	1.0	12	34	20	5	172	5
1000N 1050W	.8	7	26	9	2	160	5
1000N 1075W	1.0	9	71	16	3	154	10
1000N 1100W	.4	1	66	3	2	18	5
1000N 1125W	.4	3	5	9	1	47	20
1000N 1150W	.4	4	7	8	2	31	5
1000N 1175W	1.2	8	24	11	3	57	5
1000N 1200W	1.1	12	30	26	4	131	5
1000N 1225W	.6	4	5	12	2	97	10
1000N 1250W	.9	8	20	19	4	262	5
1000N 1275W	.8	6	20	16	3	87	10
1000N 1300W	.8	9	27	16	2	101	5
1000N 1325W	1.0	12	71	24	4	93	5
1000N 1350W	1.7	13	70	18	3	217	5
1000N 1375W	.9	10	30	15	4	133	10
1000N 1400W	1.0	11	27	13	2	105	5
1000N 1425W	1.0	9	41	15	3	171	5
1000N 1450W	1.0	11	39	21	4	167	5
1000N 1475W 20N	.7	6	27	15	3	76	5
1000N 1500W	1.1	8	34	18	4	215	5
1025N 750W	1.0	12	37	19	3	85	5
1050N 750W	.9	6	29	20	3	102	5
1075N 750W	.2	7	20	14	1	111	10
1100N 000W	.7	7	22	17	1	63	5
1100N 025W	.7	7	17	22	2	64	5
1100N 050W 20N	.2	1	12	11	1	109	10
1100N 075W	.8	11	20	21	1	54	5
1100N 100W	.6	9	16	18	1	61	5
1100N 125W 40N	.5	14	72	17	3	52	5
1100N 150W 20N	.1	6	18	22	1	74	5
1100N 175W 20N	.8	7	12	14	3	40	10
1100N 200W	.9	12	19	16	3	50	10
1100N 225W 40N	.4	4	13	17	1	68	5
1100N 250W	1.0	4	51	24	2	135	5
1100N 275W	.7	7	38	15	3	235	10
1100N 300W	.5	17	65	23	4	134	5
1100N 325W 20N	1.3	9	39	26	1	131	5
1100N 350W	1.0	8	29	20	2	71	10
1100N 375W	.7	7	24	17	2	84	5
1100N 400W	1.2	11	45	22	3	131	5
1100N 425W	1.6	10	65	27	6	356	5
1100N 450W	1.1	10	51	16	3	218	10
1100N 475W	.9	5	19	20	2	149	5
1100N 500W	.9	7	14	18	3	226	5
1100N 525W 20N	.4	4	7	11	1	56	5
1100N 550W	.8	13	29	23	4	137	10
1100N 575W 20N	.1	2	8	11	1	43	5
1100N 600W	.3	3	7	15	1	155	5
1100N 625W	.9	10	29	17	4	193	10
1100N 650W	.6	7	25	11	2	128	5
1100N 675W	.5	10	31	10	3	72	5

PROJECT NO: BC 8768

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-16835/F22+23

ATTENTION: PETER STOKES

(604)980-5814 OR (604)988-4524

\* TYPE SOIL GEOCHEM \* DATE: DEC 4, 1987

(VALUES IN PPM)	AS	AS	CU	PB	SB	ZN	AU-PPB
1100N 700W	1.0	7	34	18	3	142	5
1100N 725W	1.1	5	25	21	3	169	10
1100N 750W	.8	6	41	16	2	143	5
1100N 775W	.9	6	23	16	2	131	5
1100N 800W	1.0	5	28	16	3	114	5
1100N 825W	.9	6	32	21	3	177	5
1100N 850W	.8	8	28	21	3	92	5
1100N 875W	.6	4	14	18	2	69	10
1100N 900W	.7	6	26	12	3	157	5
1100N 925W	.9	7	33	9	2	85	5
1100N 950W 20M	.6	1	8	13	1	100	5
1100N 975W 20M	.6	2	7	15	1	96	5
1100N 1000W	.9	10	50	26	3	237	5
1100N 1025W	1.1	7	39	13	3	79	5
1100N 1050W	1.3	11	46	16	4	130	5
1100N 1075W 20M	.5	1	9	19	1	55	10
1100N 1100W	.6	2	6	10	1	52	10
1100N 1125W	.6	3	6	10	2	58	5
1100N 1150W	.9	8	36	15	3	90	5
1100N 1175W	.8	8	24	18	2	75	5
1100N 1200W 20M	.3	2	5	13	1	75	5
1100N 1225W	.6	2	6	7	2	47	5
1100N 1250W	1.1	4	36	12	3	111	5
1100N 1275W	.4	2	4	9	1	47	5
1100N 1300W	.7	3	6	9	1	58	5
1100N 1325W	.7	3	13	6	2	46	5
1100N 1350W	.6	1	7	8	1	30	10
1100N 1375W	.9	5	6	10	1	100	5
1100N 1400W	.8	3	6	11	1	46	5
1100N 1425W	.6	3	6	11	2	66	5
1100N 1450W	.7	6	54	19	2	142	5
1100N 1475W	.3	1	8	8	2	31	5
1100N 1500W	.5	7	35	14	1	87	5
1125N 750W	.6	8	29	17	3	156	5
1150N 750W	.8	7	36	17	4	155	5
1175N 750W	1.1	11	55	24	5	276	5
1200N 000W	.7	10	15	11	2	76	5
1200N 025W	.7	8	22	15	1	62	5
1200N 050W	.6	13	24	14	2	65	5
1200N 075W	.7	9	27	11	1	65	5
1200N 100W	1.2	9	31	15	2	76	5
1200N 125W	1.0	8	29	14	2	84	10
1200N 150W	1.1	9	30	13	3	76	5
1200N 175W	.6	6	28	11	2	54	5
1200N 200W	.9	10	43	15	2	139	5
1200N 225W	.9	9	30	11	2	79	5
1200N 250W	1.0	9	31	19	1	78	5
1200N 275W	1.2	9	36	14	4	93	5
1200N 300W	1.2	10	57	16	3	104	5
1200N 325W	1.2	10	28	22	4	199	5
1200N 350W	1.0	10	68	20	4	99	5
1200N 375W	.8	6	42	12	3	93	5
1200N 400W	1.1	8	40	12	3	90	5
1200N 425W	1.1	8	34	14	2	116	5
1200N 450W	1.1	6	15	12	1	143	5
1200N 475W	1.0	4	19	17	3	173	5
1200N 500W	1.1	7	20	21	3	201	5
1200N 525W	.9	6	25	15	3	118	5
1200N 550W	.9	9	32	13	4	100	5
1200N 575W 20M	.5	5	13	14	1	69	5



PROJECT NO: BC 8786

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-16839/P24+25

ATTENTION: PETER STOKES

(604)980-5814 OR (604)986-4524

\* TYPE SOIL GEOCHEM \* DATE: DEC 4, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
1200N 600W	1.1	8	42	15	3	96	5
1200N 625W	1.2	7	32	15	2	89	5
1200N 650W 20M	.7	2	5	7	1	32	5
1200N 675W	1.2	6	28	13	3	151	5
1200N 700W	.9	10	55	13	3	76	5
1200N 725W	1.2	9	39	23	5	238*	10
1200N 750W 20M	.5	3	11	16	1	136	5
1200N 750W DUF.	.8	8	40	14	5	85	5
1200N 775W	1.0	8	43	20	3	78	5
1200N 800W	1.0	3	31	13	2	100	5
1200N 825W	.6	3	6	8	2	50	5
1200N 850W	1.1	7	26	19	4	112	10
1200N 875W	.9	6	6	9	1	64	5
1200N 900W	1.3	11	68	21	4	169	5
1200N 925W	.8	4	6	15	2	45	5
1200N 950W	.9	3	7	14	2	44	5
1200N 975W	1.5	9	38	14	4	174	5
1200N 1000W	.6	4	7	11	1	17	5
1200N 1025W	1.1	4	29	12	1	134	5
1200N 1050W	1.1	7	23	15	4	236*	10
1200N 1075W	1.0	7	38	15	4	190	10
1200N 1100W	1.0	8	35	23	5	121	5
1200N 1125W	.9	7	41	18	4	95	5
1200N 1150W	1.0	7	32	14	3	103	5
1200N 1175W	.7	3	7	10	2	131	5
1200N 1200W	1.3	8	27	10	3	105	5
1200N 1225W	1.4	10	32	13	3	91	5
1200N 1250W	1.3	10	35	14	3	94	5
1200N 1275W	.9	4	6	10	2	115	10
1200N 1300W	.8	4	6	6	2	49	5
1200N 1325W	.8	6	26	10	2	85	5
1200N 1350W	.6	8	28	11	1	72	10
1200N 1375W	.9	6	36	14	2	169	5
1200N 1400W	.8	6	29	10	3	90	5
1200N 1425W	.4	3	10	6	1	20	5
1200N 1450W	.6	5	25	12	2	151	5
1200N 1475W	.6	2	8	8	1	21	5
1200N 1500W	.9	5	25	12	2	74	10
1225N 750W 20M	.9	4	21	11	3	149	5
1250N 750W	.7	6	31	13	3	103	5
1250N 750W DUF.	.8	8	36	12	3	59	5
1275N 750W 20M	.8	5	29	16	2	99	5
1300N 800W	.9	5	19	9	2	74	5
1300N 825W	.8	4	15	17	1	65	5
1300N 850W 40M	1.2	13	35	15	2	72	10
1300N 875W	.7	4	7	10	2	69	5
1300N 100W	1.4	11	49	21	5	188	5
1300N 125W	1.3	10	32	18	3	115	5
1300N 150W	.6	4	9	12	1	23	5
1300N 175W	1.1	10	29	17	4	103	5
1300N 200W	.6	5	8	6	1	63	5
1300N 225W	1.3	9	32	16	4	165	5
1300N 250W	1.1	5	28	13	3	107	10
1300N 275W	1.1	6	28	21	3	216*	5
1300N 300W	1.2	10	33	18	3	162	5
1300N 325W	1.0	9	29	9	3	51	5
1300N 350W	.9	8	28	13	2	55	5
1300N 375W	.9	8	21	12	2	99	5
1300N 400W	.7	6	20	14	2	157	5
1300N 425W	.8	1	21	13	2	121	5

PROJECT NO: BC 8766

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(ACT:F31) PAGE 1 OF 1

ATTENTION: PETER STOKES

(604)980-5814 OR (604)988-4524

FILE NO: 7-14838/P26\*27

\* TYPE SOIL GEOCHEM \* DATE: DEC 4, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
1300N 450W	.9	7	34	18	3	127	5
1300N 475W	.9	4	26	30	1	126	5
1300N 500W	.8	5	17	13	2	84	15
1300N 525W	.8	4	17	12	2	120	5
1300N 550W	.6	5	9	8	1	63	5
1300N 575W	.6	4	14	10	2	107	5
1300N 600W	.8	5	19	13	3	105	10
1300N 625W	.4	2	8	7	1	22	5
1300N 650W	1.3	7	37	19	2	235	5
1300N 675W	.8	6	25	13	3	152	5
1300N 700W	.9	9	31	12	1	119	5
1300N 725W	1.0	8	36	14	3	120	5
1300N 750W	1.0	7	32	13	2	107	5
1300N 775W	.9	9	36	16	4	158	10
1300N 800W	.9	6	40	16	2	163	5
1300N 825W	1.1	8	32	21	5	134	5
1300N 850W	1.1	10	47	16	5	120	5
1300N 875W	.7	9	56	21	3	178	5
1300N 900W	1.1	9	48	16	6	171	5
1300N 925W	.9	6	35	15	4	116	5
1300N 950W	.9	7	37	16	3	139	5
1300N 975W	1.0	8	37	19	4	139	10
1300N 1000W	.5	6	37	9	2	151	5
1300N 1025W	.8	5	17	8	1	68	5
1300N 1050W	1.1	8	48	14	4	101	5
1300N 1075W	1.8	9	49	18	4	304	5
1300N 1100W	1.5	8	46	17	3	301	5
1300N 1125W	1.1	13	52	22	5	158	5
1300N 1150W	1.1	7	37	16	4	114	5
1300N 1175W	1.0	7	32	17	5	104	5
1300N 1200W	1.0	5	31	13	2	110	5
1300N 1225W	1.1	8	33	18	4	163	5
1300N 1250W	1.3	6	37	17	3	157	5
1300N 1275W	.5	3	11	8	2	40	10
1300N 1300W	.9	10	37	16	4	104	5
1300N 1325W	1.2	11	53	22	1	230	5
1300N 1350W	1.1	8	54	21	5	233	5
1300N 1375W	.9	11	62	12	2	184	10
1300N 1400W	.7	8	25	10	2	53	45
1300N 1425W	.7	8	20	10	2	71	5
1300N 1450W	.7	7	23	10	3	68	5
1300N 1475W	.8	4	28	11	3	105	5
1300N 1500W	.8	5	17	11	2	69	5
1325N 750W	.6	4	7	8	2	33	5
1350N 750W	.5	4	5	7	1	40	10
1375N 750W	1.3	9	32	15	4	175	5
1400N 000W	.9	18	23	19	3	50	5
1400N 025W	.8	20	42	23	5	52	5
1400N 050W	.8	7	17	8	2	70	5
1400N 075W	.9	9	17	13	1	53	5
1400N 100W	1.0	7	21	15	2	88	10
1400N 125W	.7	11	20	17	2	73	5
1400N 150W	.9	10	22	18	2	62	5
1400N 175W	1.1	9	31	16	4	192	5
1400N 200W	.9	6	26	17	2	107	5
1400N 225W	.9	5	23	9	1	73	5
1400N 250W	1.3	9	43	20	3	177	5
1400N 275W	1.2	9	40	15	4	189	5
1400N 300W	.8	11	35	17	3	134	10
1400N 325W	1.3	7	40	21	3	154	5

PROJECT NO: BC 8766

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(ACT:F31) PAGE 1 OF 1

ATTENTION: PETER STOKES

(604)980-5814 OR (604)988-4524

FILE NO: 7-16B36/P28+29

\* TYPE SOIL GEOCHEM \* DATE: DEC 4, 1987

VALUES IN PPM I	AG	AS	CU	PS	SE	ZN	AU-PPB
1400N 350W	1.0	6	27	17	3	92	5
1400N 375W	1.0	6	23	18	4	137	5
1400N 400W	.9	5	19	20	3	124	20
1400N 425W	.8	4	23	14	2	99	5
1400N 450W	1.1	6	32	14	2	138	5
1400N 475W	1.0	4	16	11	1	227	5
1400N 500W	.8	6	15	9	2	69	5
1400N 525W	.8	5	18	7	1	104	5
1400N 550W	.3	1	6	8	1	16	5
1400N 575W	.8	6	17	12	2	105	10
1400N 600W	.8	5	17	10	2	90	5
1400N 625W	.6	3	6	6	1	48	5
1400N 650W	.9	5	13	8	2	111	5
1400N 675W	1.0	4	24	14	2	146	5
1400N 700W	.4	3	8	4	1	18	10
1400N 725W	1.3	8	32	19	4	221	5
1400N 750W	.8	4	10	7	1	34	5
1400N 775W	.9	11	20	15	3	137	5
1400N 800W	.9	9	28	10	3	90	5
1400N 825W	.8	9	19	13	2	71	10
1400N 850W	.8	6	18	12	1	82	5
1400N 875W	.4	5	7	7	1	64	5
1400N 900W	.8	41	40	19	2	112	5
1400N 925W	.9	18	42	15	5	208	5
1400N 950W	1.2	18	55	33	6	145	5
1400N 975W	1.1	10	48	15	5	189	15
1400N 1000W	1.8	12	53	35	7	274	5
1400N 1025W	1.0	9	109	11	3	250	5
1400N 1050W	.8	4	8	9	1	92	10
1400N 1075W	1.3	14	68	20	5	141	5
1400N 1100W	.8	3	9	14	2	43	5
1400N 1125W	.9	3	34	13	3	149	5
1400N 1150W	1.3	11	58	17	4	127	5
1400N 1175W	1.0	6	32	16	3	93	5
1400N 1200W	1.0	11	23	16	3	137	5
1400N 1225W	.7	8	24	15	3	94	5
1400N 1250W	.8	6	28	15	1	147	5
1400N 1275W	.8	7	23	16	3	108	10
1400N 1300W	.4	2	7	11	1	33	5
1400N 1325W	.5	11	25	10	1	45	5
1400N 1350W	.8	10	30	11	2	40	5
1400N 1375W	.9	9	26	15	3	78	5
1400N 1400W	.9	7	22	11	3	100	5
1400N 1425W	.9	12	85	25	5	117	5
1400N 1450W	.6	7	36	15	4	69	5
1400N 1475W	.9	5	9	13	2	83	5
1400N 1500W	.9	8	30	13	4	89	5
1425N 750W	.6	4	6	11	1	90	10
1450N 750W	1.0	6	31	14	4	131	5
1475N 750W	.9	8	23	15	4	175	5
1500N 000W	1.4	16	136	22	6	63	5
1500N 025W 20M	.8	10	60	13	3	41	5
1500N 050W 20M	.8	10	39	11	3	42	5
1500N 075W 20M	.3	3	12	8	1	12	10
1500N 100W 20M	1.0	5	26	7	2	76	5
1500N 125W	.5	1	6	8	1	46	5
1500N 150W 20M	.9	7	29	16	3	135	5
1500N 175W 20M	1.0	5	20	13	1	81	15
1500N 200W 20M	.5	4	5	6	1	45	10
1500N 225W 20M	1.0	6	22	12	1	114	10

PROJECT NO: BC 8766

MIN-EN LABS ICP REPORT  
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(ACT:F31) PAGE 1 OF 1

ATTENTION: PETER STOKES

(604)980-8614 OR (604)988-4524

FILE NO: 7-16835/P30+31

\* TYPE SOIL GEOCHEM \* DATE: DEC 4, 1987

(VALUES IN PPM)	MG	AS	CU	PB	SB	ZN	AU-PPB
1500N 250W 20M	.6	5	36	17	1	126	5
1500N 275W 20M	.7	5	30	16	3	71	5
1500N 300W 40M	.7	7	29	9	3	100	5
1500N 325W 20M	.3	2	5	7	1	35	15
1500N 350W 40M	.8	5	36	10	2	112	5
1500N 375W 20M	.5	2	7	6	1	52	5
1500N 400W 20M	.6	6	13	13	1	59	5
1500N 425W 40M	.6	3	10	13	2	64	5
1500N 450W 40M	.9	8	17	13	2	84	5
1500N 475W	.6	2	5	7	2	23	5
1500N 500W	.9	6	15	9	1	87	15
1500N 525W	1.1	7	31	11	3	101	5
1500N 550W	.6	5	20	8	2	90	5
1500N 575W	.9	6	25	16	3	127	5
1500N 600W 40M	.9	2	11	16	2	20	10
1500N 625W	.9	7	21	15	2	125	5
1500N 650W 20M	.7	4	14	9	1	78	5
1500N 675W 20M	1.0	7	18	14	1	163	5
1500N 700W 20M	1.3	9	46	14	3	106	10
1500N 725W 40M	1.6	13	64	28	4	175	5
1500N 750W	.9	6	26	13	3	120	5
1500N 775W	.6	4	6	9	1	53	5
1500N 800W	.7	3	10	9	1	23	5
1500N 825W	.3	1	5	6	1	59	10
1500N 850W	1.4	9	45	30	4	231*	5
1500N 875W	.7	7	25	15	3	134	5
1500N 900W	.2	2	5	9	1	121	5
1500N 925W	.9	8	36	13	2	184	5
1500N 950W	1.1	11	31	20	3	190	10
1500N 975W	.7	3	6	10	2	38	5
1500N 1000W	1.8	18	55	29	7	194	5
1500N 1025W	.9	52*	62	21	4	354*	5
1500N 1050W	.5	4	8	12	1	58	5
1500N 1075W	1.2	11	48	23	4	185	10
1500N 1100W	.8	7	38	18	2	95	10
1500N 1125W	.7	8	32	12	2	175	5
1500N 1150W	.7	9	26	20	1	161	10
1500N 1175W	.7	11	29	12	2	119	5
1500N 1200W	.7	7	35	16	2	91	5
1500N 1225W	.4	2	5	9	1	48	5
1500N 1250W	.6	10	28	17	3	100	10
1500N 1275W	.8	7	28	13	2	108	5
1500N 1300W	.9	7	33	18	3	188	5
1500N 1325W	.8	6	24	12	2	114	5
1500N 1350W	.6	8	21	8	2	97	5
1500N 1375W	.9	8	29	14	2	72	5
1500N 1400W	.7	8	29	8	2	73	5
1500N 1425W	.6	7	27	12	2	94	10
1500N 1450W	.6	8	27	15	3	118	5
1500N 1475W	1.0	10	37	24	5	204*	5
1500N 1500W	.5	9	43	13	3	102	5
1525N 750W	.6	14	30	11	1	76	5
1550N 750W	.5	2	6	9	1	79	5
1575N 750W 20M	.7	5	27	15	3	169	10
1600N 750W	.7	8	42	14	5	144	5
1625N 750W 20M	.5	4	15	11	2	74	5
1600N 000W	.5	4	27	17	1	138	5
1600N 025W	.8	9	34	17	1	100	5
1600N 050W	.9	6	21	13	1	110	5
1600N 075W	.6	7	16	12	1	65	5

PROJECT NO: BC 8766

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7N 1T2

FILE NO: 7-16836/P32+33

ATTENTION: PETER STOKES

(604)960-5814 OR (604)968-4524

\* TYPE SOIL GEOCHEM \* DATE: DEC 4, 1987

(VALUES IN PPM)	AG	AS	CU	PK	SB	ZN	AU-PPM
1600N 100W	.3	1	6	9	1	38	5
1600N 125W	.5	6	20	13	1	159	5
1600N 150W	.3	7	56	14	1	57	5
1600N 175W	2.0	17	303	24	5	144	5
1600N 200W	.6	9	40	12	1	77	10
1600N 225W	.8	6	32	20	1	197	5
1600N 250W	.5	4	21	9	1	62	15
1600N 275W	.6	8	27	11	2	57	5
1600N 300W	.6	6	23	11	1	86	5
1600N 325W	.5	3	17	9	1	136	5
1600N 350W	.4	2	5	7	1	40	5
1600N 375W	.9	5	25	9	1	79	5
1600N 400W	.5	5	20	11	1	59	10
1600N 425W	.6	6	20	12	2	109	5
1600N 450W	.8	6	31	10	1	120	5
1600N 475W	.9	4	26	20	2	103	5
1600N 500W	1.0	5	25	19	2	122	5
1600N 525W	.7	6	22	14	2	119	10
1600N 550W	1.8	12	100	18	3	114	5
1600N 575W	.5	1	5	11	1	35	5
1600N 600W	.8	7	28	15	2	164	5
1600N 625W	.9	7	36	13	2	112	5
1600N 650W	.9	6	19	14	2	147	5
1600N 675W	.6	2	6	12	1	66	5
1600N 700W	.9	9	37	11	1	95	5
1600N 725W	.3	1	5	13	1	142	10
1600N 750W	N/S						
1600N 775W	.7	5	16	16	2	168	5
1600N 800W	.7	4	39	14	1	97	5
1600N 825W	.9	7	21	14	2	118	5
1600N 850W	.4	3	19	16	1	102	35
1600N 875W	.3	6	30	13	1	172	5
1600N 900W	.2	1	7	8	1	18	5
1600N 925W	.5	6	29	13	1	139	5
1600N 950W	.7	12	36	18	1	218	10
1600N 975W	1.2	13	39	26	2	207	5
1600N 1000W	1.4	13	50	23	6	312	5
1600N 1025W	.5	12	59	13	1	137	5
1600N 1050W	.6	7	22	23	3	214	5
1600N 1075W	.5	8	48	10	1	92	5
1600N 1100W	.4	6	19	12	2	124	5
1600N 1125W	.5	38	25	15	2	77	5
1600N 1150W	.9	7	31	20	3	162	5
1600N 1175W	.6	4	21	12	1	95	10
1600N 1200W	.4	10	36	8	1	29	10
1600N 1225W	.6	2	45	13	2	30	5
1600N 1250W	1.1	7	24	14	1	104	5
1600N 1275W	.2	2	5	10	1	39	5
1600N 1300W	.6	6	17	11	2	101	5
1600N 1325W	.6	5	24	12	1	126	5
1600N 1350W	.5	7	16	13	1	138	5
1600N 1375W	.3	4	18	9	1	118	10
1600N 1400W	.5	7	37	16	2	94	5
1600N 1425W	1.1	9	42	31	3	149	5
1600N 1450W	.6	11	43	24	3	112	5
1600N 1475W	.4	7	23	13	2	50	10
1600N 1500W	.7	11	45	24	6	172	5
1650N 750W 20M	.7	5	19	12	1	108	5
1675N 750W	.8	7	20	11	2	148	5
1700N 750W	.7	7	21	15	3	165	5

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
1725N 750W	.6	1	5	13	1	30	5
1750N 750W 40N	1.2	9	37	19	4	142	5
1775N 750W	.8	7	21	10	2	143	5
1800N 750W	.9	4	24	14	2	134	10
1825N 750W	.7	4	23	13	1	114	5
1700N 800W	.6	7	49	10	4	51	5
1700N 825W	.7	9	32	7	3	67	5
1700N 850W	.5	5	39	9	1	39	5
1700N 875W	.4	7	32	13	1	61	5
1700N 100W	.6	7	16	14	1	47	5
1700N 125W	.3	15	216	19	2	49	5
1700N 150W	.4	20	56	17	5	55	5
1700N 175W	.6	16	37	15	5	66	10
1700N 200W	.6	12	44	13	1	55	5
1700N 225W	.6	4	16	11	2	59	5
1700N 250W	.9	5	22	19	2	107	5
1700N 275W	1.0	8	36	20	4	157	5
1700N 300W	1.0	8	40	13	2	206	5
1700N 325W	1.0	6	26	12	3	173	25
1700N 350W	.9	11	31	9	3	110	15
1700N 375W	.8	6	23	13	1	68	10
1700N 400W	.6	7	26	10	1	86	5
1700N 425W	.6	6	23	13	1	81	5
1700N 450W	.6	4	13	9	1	64	5
1700N 475W	.6	6	23	12	2	84	5
1700N 500W	.4	4	16	15	1	46	5
1700N 525W	.6	6	15	15	1	50	5
1700N 550W	.9	7	34	16	2	178	5
1700N 575W	.8	11	34	13	4	152	10
1700N 600W	.8	5	19	11	2	104	5
1700N 625W	.7	6	14	17	1	92	5
1700N 650W	.4	3	18	13	1	83	5
1700N 675W	.9	5	21	13	3	119	5
1700N 700W	.5	3	16	9	1	72	5
1700N 725W	.8	7	27	15	2	122	10
1700N 775W	1.7	5	30	18	2	150	5
1700N 800W	.7	5	25	18	2	133	5
1700N 825W	.7	7	32	16	2	95	5
1700N 850W	.5	6	22	15	2	96	5
1700N 875W	.8	7	32	16	3	135	5
1700N 900W	.9	7	30	19	3	182	5
1700N 925W	1.1	5	31	15	3	142	10
1700N 950W	.9	7	30	16	3	209	5
1700N 975W	1.1	8	32	20	3	391	5
1700N 1000W	1.2	8	22	15	2	100	5
1700N 1025W	.9	7	17	13	2	71	5
1700N 1050W	.6	5	21	11	2	67	5
1700N 1075W	1.1	12	48	14	4	118	10
1700N 1100W	.6	5	10	11	1	60	5
1700N 1125W	.6	9	31	8	1	29	5
1700N 1150W	.7	8	45	10	2	76	5
1700N 1175W	.9	6	58	12	1	84	5
1700N 1200W	.6	6	19	17	2	90	10
1700N 1225W	.8	6	26	11	2	129	5
1700N 1250W	1.0	9	40	11	3	119	5
1700N 1275W	1.2	12	40	20	1	109	5
1700N 1300W	.6	4	8	11	1	66	5
1700N 1325W	.5	9	37	13	2	72	5
1700N 1350W	.9	6	16	72	1	121	5
1700N 1375W	.6	6	20	24	3	205	5

PROJECT NO: BC 8766

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7H 1T2

FILE NO: 7-16835/706\*37

ATTENTION: PETER STOKES

(604) 960-5814 OR (604) 963-4524

\* TYPE SOIL BEDDING \* DATE: DEC 9, 1987

VALUES IN PPM	AS	HS	CU	PP	SS	ZN	MO-PPM
1700N 1900N	.7	6	15	26	1	146	10
1700N 1425N	.7	6	42	18	1	148	5
1700N 1450N	.7	12	43	21	2	96	5
1700N 1475N	.9	11	52	29	3	114	5
1800N 000N	.9	11	25	15	1	82	5
1800N 025N	.9	10	19	14	3	67	5
1800N 050N	.3	5	7	6	1	33	10
1800N 075N	.8	6	17	12	7	60	5
1800N 100N	.3	7	24	14	1	62	5
1800N 125N	.7	6	16	11	1	48	5
1800N 150N	1.0	10	25	15	1	83	5
1800N 175N	1.3	9	37	16	1	102	10
1800N 200N	.7	8	17	12	1	68	5
1800N 225N	.7	12	33	13	1	52	5
1800N 250N	.3	10	28	10	1	37	5
1800N 275N	.7	8	22	11	1	65	5
1800N 300N	1.1	8	35	18	1	163	10
1800N 325N	1.3	8	30	15	2	118	5
1800N 350N	.9	7	17	13	1	91	5
1800N 375N	.7	8	23	14	1	73	5
1800N 400N	1.0	8	25	18	1	95	10
1800N 425N	.3	8	15	11	1	83	5
1800N 450N	.7	8	34	13	1	121	5
1800N 475N	1.0	11	40	17	2	115	10
1800N 500N	.8	7	24	12	1	37	20
1800N 525N	1.0	9	34	11	1	79	10
1800N 550N	.9	6	26	10	1	125	5
1800N 575N	.7	8	21	13	1	227	5
1800N 600N	.1	5	11	11	1	195	10
1800N 625N	.8	8	28	14	1	170	10
1800N 650N	.5	9	35	21	1	111	5
1800N 675N	.7	6	26	14	1	117	5
1800N 700N	.7	7	24	13	1	104	5
1800N 725N	1.1	7	31	18	1	121	20
1800N 750N	.9	8	37	14	4	190	5
1800N 800N	.5	10	36	12	1	55	5
1800N 825N	.6	10	45	18	1	101	5
1800N 850N	1.0	10	21	34	1	242	10
1800N 875N	1.3	10	58	26	1	372	5
1800N 900N	.5	11	47	19	3	80	5
1800N 925N	.7	10	30	12	1	55	5
1800N 950N	.6	8	14	13	1	77	10
1800N 975N	.9	16	60	18	1	157	5
1800N 1000N	.5	7	32	24	2	156	5
1800N 1025N	.8	5	14	7	1	81	5
1800N 1050N	1.4	11	72	13	1	94	5
1800N 1075N	.6	10	19	11	1	55	5
1800N 1100N	.8	8	19	14	3	72	5
1800N 1125N	.7	9	19	6	3	61	5
1800N 1150N	.5	10	25	11	1	119	10
1800N 1175N	.7	8	35	15	1	160	5
1800N 1200N	.9	8	39	15	2	149	5
1800N 1225N	.9	11	29	12	1	121	10
1800N 1250N	.8	10	46	17	4	110	5
1800N 1275N	.9	9	37	18	2	99	5
1800N 1300N	1.0	12	41	23	2	153	5
1800N 1325N	.6	7	50	13	1	48	5
1800N 1350N	.9	5	27	17	3	82	25
1800N 1375N	.7	8	36	15	1	103	5
1800N 1400N	.9	11	47	25	2	129	5

PROJECT NO: BC 8786

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-16835/P30+39

ATTENTION: PETER STOKES

16041920-5814 OR 16041930-4524

\* TYPE SOIL SPECIMEN \* DATE: DEC 3, 1987

VALUES IN PPM	AG	AS	CU	FE	SB	ZN	AD-PPB
1900N 000W	2	18	34	21	1	38	5
1900N 025W	5	30	37	19	5	73	5
1900N 050W	1.1	8	21	15	1	67	5
1900N 075W	8	6	20	10	1	59	5
1900N 100W	1.0	3	57	21	1	79	5
1900N 125W	1.0	6	34	15	1	207	5
1900N 150W	7	7	37	11	1	107	5
1900N 175W	6	7	29	14	1	69	5
1900N 200W	5	9	29	12	1	56	5
1900N 225W	6	7	23	15	1	66	10
1900N 250W	5	16	37	21	7	62	5
1900N 275W	4	16	182	29	6	59	5
1900N 300W	7	6	46	15	1	74	5
1900N 325W	9	8	22	14	1	136	5
1900N 350W	7	6	25	7	1	107	10
1900N 375W	1.2	3	30	16	1	171	5
1900N 400W	1.1	7	24	15	1	129	5
1900N 425W	1.0	7	29	13	1	121	5
1900N 450W	1.0	7	46	16	1	163	5
1900N 475W	4	6	24	11	1	89	5
1900N 500W	6	4	24	10	1	103	5
1900N 525W	7	6	25	13	1	86	5
1900N 550W	5	5	5	6	1	49	5
1900N 575W	9	5	29	17	1	180	5
1900N 600W	5	9	25	10	1	101	5
1900N 625W	1.2	15	43	16	2	101	10
1900N 650W	1.0	8	26	10	1	101	5
1900N 675W	6	5	6	11	1	83	5
1900N 700W	1.1	7	25	14	1	168	5
1900N 725W	8	10	33	12	1	113	5
1900N 750W	6	14	35	17	4	96	10
1900N 800W	6	6	28	15	1	96	5
1900N 825W	6	5	3	10	1	68	5
1900N 850W	3	4	13	7	2	34	5
1900N 875W	5	5	7	5	1	78	5
1900N 900W	1.2	11	58	18	2	101	10
1900N 925W	1.1	9	66	18	1	147	5
1900N 950W	6	12	55	19	1	158	5
1900N 975W	7	7	19	12	1	107	5
1900N 1000W	6	9	38	10	3	74	10
1900N 1025W	7	3	29	16	1	89	5
1900N 1050W	1.0	14	77	17	1	149	5
1900N 1075W	8	11	31	15	1	146	5
1900N 1100W	6	9	19	13	1	175	10
1900N 1125W	6	4	5	6	1	71	5
1900N 1150W	5	5	11	10	1	59	5
1900N 1175W	7	8	27	12	1	127	5
1900N 1200W	9	8	15	18	1	83	10
1900N 1225W	6	7	17	20	2	129	5
1900N 1250W	7	10	15	9	1	65	5
1900N 1275W	9	13	32	18	4	124	10
1850N 750W	5	5	7	10	2	45	5
1875N 750W	7	11	35	11	1	84	5
1900N 750W	8	10	27	16	1	84	10
1925N 750W	7	4	6	10	1	78	5
1950N 750W	6	10	17	11	1	125	5
1975N 750W	9	9	26	15	2	106	5
2000N 750W 40M	5	4	4	4	1	46	5
2000N 900W	1.0	9	29	16	2	145	5
2000N 025W	1.0	9	29	16	2	145	5



DEC 09 '87 11:00

MIN-EN LABS LTD

306 P21

CONFIRM: PETER STOKES

MIN-EN LABS LTD REPORT

FILE NO: 7-16036/P40+41

PROJECT NO: BC 8766

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7W 1T2

ATTENTION: PETER STOKES

1604/980-5314 OR 1604/986-9524

\* TYPE SOIL BEDDEN \* DATE: DEC 4, 1987

(VALUES IN PPM)	AG	AS	CU	FE	SE	ZN	MO-PFB
2000N 050W	.9	9	37	12	1	91	5
2000N 075W	.4	4	7	13	1	71	10
2000N 100W	.9	20	47	26	3	87	5
2000N 125W 40N	.3	1	33	5	1	8	5
2000N 150W 40N	.7	2	9	7	1	17	5
2000N 175W	.9	11	25	14	1	106	5
2000N 200W	.7	8	29	14	1	102	10
2000N 225W	.3	8	5	8	2	32	5
2000N 250W	.3	8	22	16	1	162	5
2000N 275W	.3	9	38	19	1	126	5
2000N 300W	.6	7	21	14	4	78	5
2000N 325W	.6	5	22	13	3	67	5
2000N 350W	.8	9	21	14	1	108	10
2000N 375W	1.6	0	24	10	1	90	5
2000N 400W	.8	8	24	14	4	93	5
2000N 425W	.7	10	35	17	1	81	5
2000N 450W	.9	9	36	14	1	104	5
2000N 475W	.8	9	30	16	1	134	10
2000N 500W	.9	8	18	13	1	128	5
2000N 525W	.7	7	16	10	1	68	10
2000N 550W	.8	10	42	11	1	102	5
2000N 575W	.3	4	0	9	1	28	5
2000N 600W	.9	13	58	12	4	86	10
2000N 625W	.7	6	15	13	1	175	5
2000N 650W	1.0	9	24	20	1	237	5
2000N 675W	1.2	11	61	17	1	107	5
2000N 700W	1.0	9	27	16	1	70	10
2000N 725W	.8	11	30	13	4	44	5
2000N 750W	.3	11	24	12	1	71	5
2000N 800W	.7	11	51	14	1	138	10
2000N 825W	.4	2	17	47	3	81	5
2000N 850W	.7	7	33	19	4	165	5
2000N 875W	.7	6	16	19	2	128	10
2000N 900W	.5	6	24	37	2	93	5
2000N 925W	.4	8	35	12	2	48	5
2000N 950W	.4	6	17	21	3	136	5
2000N 975W	.7	11	40	18	4	115	10
2000N 1000W	.8	7	30	28	3	86	5
2000N 1025W	.6	12	44	13	1	47	5
2000N 1050W	.8	11	54	24	1	87	5

*off*

**MIN-EN LABORATORIES LTD.**

*Specialists in Mineral Environments*

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

**BC8766**

TELEX: VIA USA 7601067 UC

**Certificate of ASSAY**

Company: COOKE GEOLOGICAL CONSULTANTS

File: 7-1815/P1

Project:

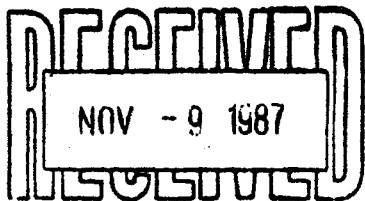
Date: NOV 6/87

Attention: PAUL BARRATT

Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
PB 11	2.2	0.06	.01	0.001
PB 12	2.4	0.07	.02	0.001



Certified by

*[Handwritten Signature]*

MIN-EN LABORATORIES LTD.

**MIN-EN LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604) 980-5814 OR (604) 988-4524

**CORRELATION COEFFICIENTS**

COMPANY: COOKE GEOLOGICAL CONS.

DATE: DEC 12/87

ATTN:

SAMPLE TYPE: SOIL

PROJECT: BC 8766

ANALYSIS TYPE: ICP

FILE#: 7-1683

THE TABLE BELOW REPRESENTS THE PEARSON CORRELATION MATRIX, SHOWING THE INTER-ELEMENT CORRELATION COEFFICIENTS. THOSE VALUES THAT EXCEED THEIR CRITICAL VALUE FOR .01 LEVEL OF SIGNIFICANCE ARE SHOWN IN DARKER PRINT AND UNDERLINED.

	AG	AS	CU	PB	SB	ZN	AU
AG	1.000	<u>.410</u>	<u>.398</u>	<u>.358</u>	<u>.410</u>	<u>.497</u>	-.015
AS		1.000	<u>.408</u>	<u>.327</u>	<u>.363</u>	<u>.260</u>	-.034
CU			1.000	<u>.266</u>	<u>.310</u>	<u>.287</u>	-.049
PB				1.000	<u>.273</u>	<u>.379</u>	-.041
SB					1.000	<u>.286</u>	.002
ZN						1.000	.008
AU							1.000

**RECEIVED**  
DEC 15 1987  
**ISG**

**MIN-EN LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**STATISTICAL SUMMARY ON AG**

COMPANY: COOKE GEOLOGICAL CONS.  
 ATTN:  
 PROJECT: BC 8766  
 FILE#: 7-1683

DATE: DEC 12/87  
 SAMPLE TYPE: SOIL  
 ANALYSIS TYPE: ICP

NUMBER OF SAMPLES: 1225  
 MAXIMUM VALUE: 2.00 PPM  
 MINIMUM VALUE: 0.00 PPM  
 MEAN: .82 PPM  
 STD. DEVIATION: .30 PPM  
 COEFF. OF VARIATION: .37

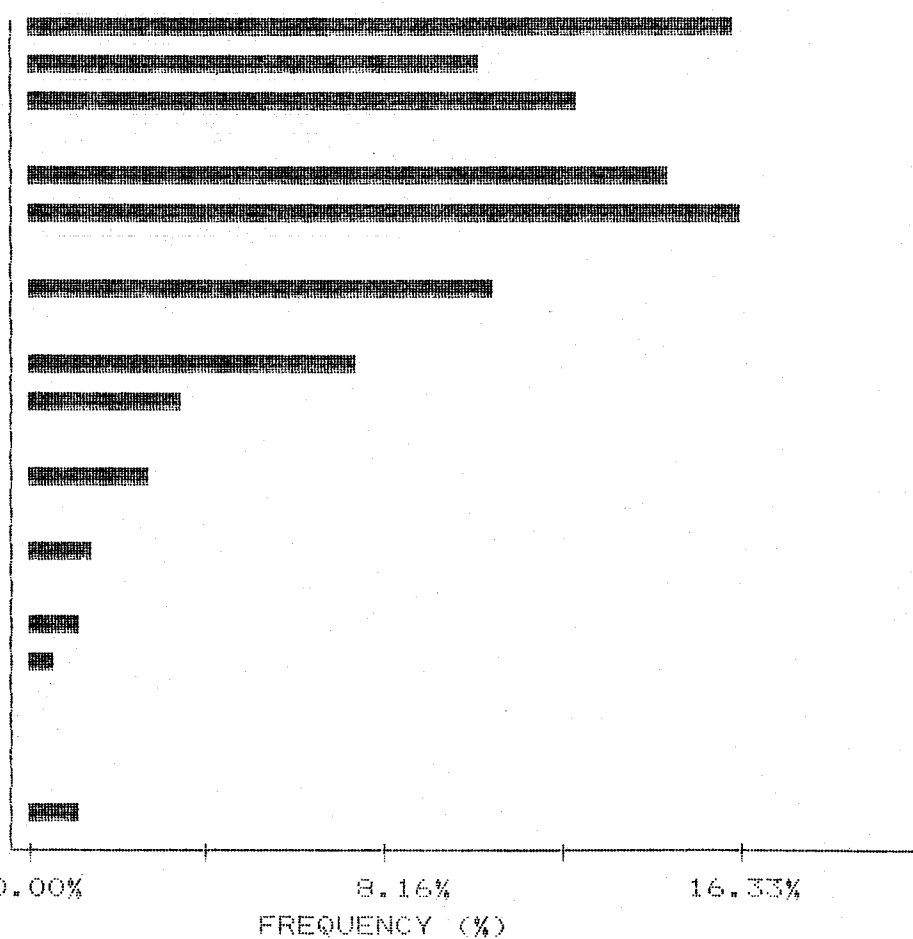
5 HIGHEST AG VALUES:  
 1100N 300W 2.0 PPM  
 1600N 175W 2.0 PPM  
 100N 875W 1.9 PPM  
 400N 1100W 1.9 PPM  
 100N 925W 1.8 PPM

HISTOGRAM FOR AG

CLASS INTERVAL = .06

MID CLASS	CLASS
PPM	%

<	.60	16.24
	.63	10.53
	.69	12.73
	.75	0.00
	.81	14.69
	.87	16.33
	.93	0.00
	.99	10.78
	1.05	0.00
	1.11	7.67
	1.17	3.67
	1.23	0.00
	1.29	2.86
	1.35	0.00
	1.41	1.55
	1.47	0.00
	1.53	1.22
	1.59	.65
	1.65	0.00
	1.71	0.00
	1.77	0.00
>	1.70	1.27



**MIN-EN LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

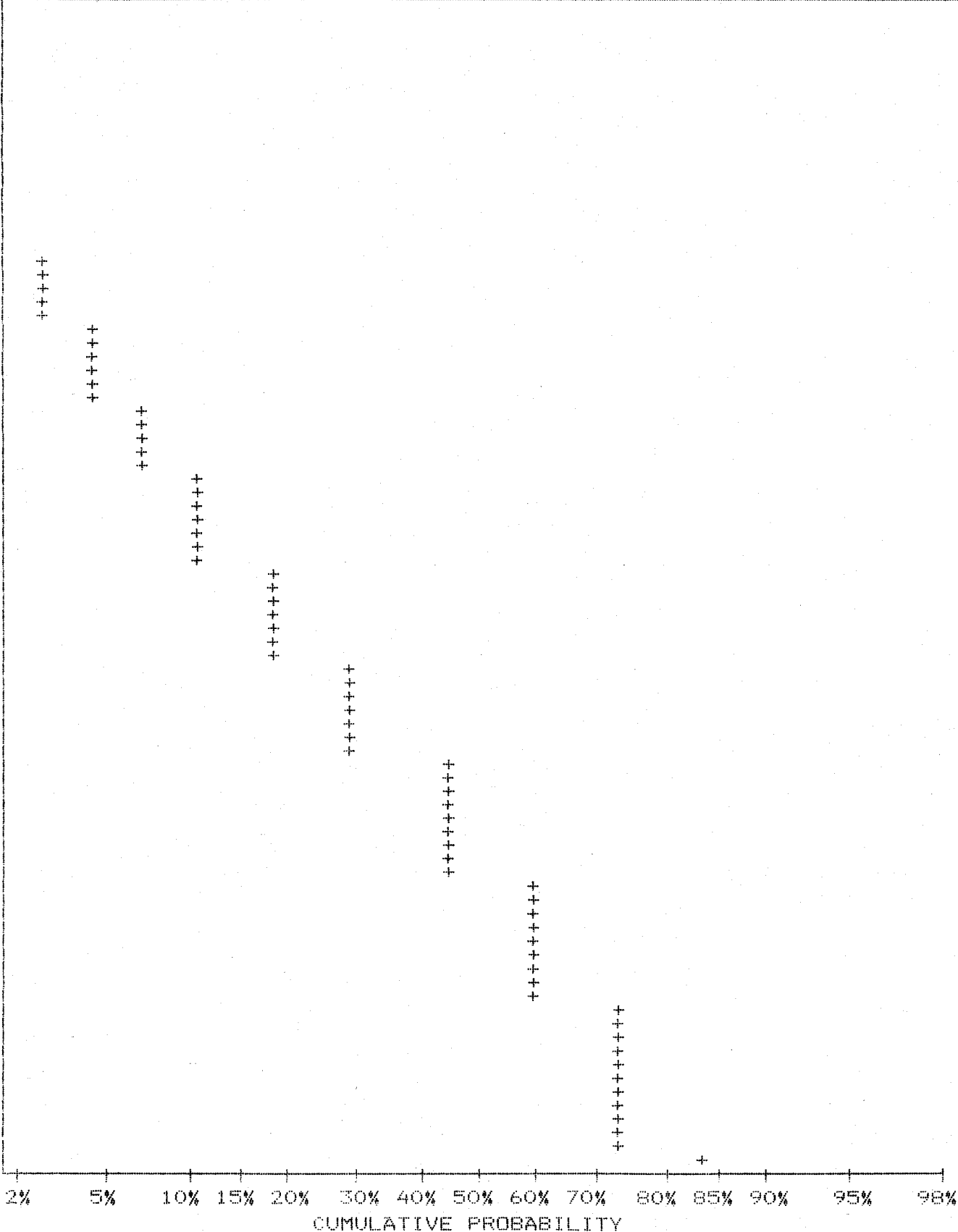
TELEX: 04-352828 PHONE: (604) 980-5814 OR (604) 988-4524

**CUMMULATIVE PROBABILITY PLOT ON AG**

COMPANY: COOKE GEOLOGICAL CONS.  
 ATTN:  
 PROJECT: BC 8766  
 FILE#: 7-1683

DATE: DEC 12/87  
 SAMPLE TYPE: SOIL  
 ANALYSIS TYPE: ICP

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
1.76	.65
1.71	.65
1.67	1.14
1.62	1.14
1.58	1.80
1.54	1.80
1.49	3.02
1.45	3.02
1.41	3.02
1.37	4.57
1.34	4.57
1.30	4.57
1.27	7.43
1.23	7.43
1.20	11.10
1.16	11.10
1.13	11.10
1.10	11.10
1.07	18.78
1.04	18.78
1.01	18.78
.99	29.55
.96	29.55
.93	29.55
.91	29.55
.88	45.88
.86	45.88
.84	45.88
.81	45.88
.79	60.57
.77	60.57
.75	60.57
.73	60.57
.71	60.57
.69	73.31
.67	73.31
.65	73.31
.63	73.31
.62	73.31
.60	83.76



**MIN-EN LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828      PHONE: (604)980-5814 OR (604)988-4524

**STATISTICAL SUMMARY ON AS**

COMPANY: COOKE GEOLOGICAL CONS.  
 ATTN:  
 PROJECT: BC 8766  
 FILE#: 7-1683

DATE: DEC 12/87  
 SAMPLE TYPE: SOIL  
 ANALYSIS TYPE: ICP

NUMBER OF SAMPLES: 1225  
 MAXIMUM VALUE: 52.00 PPM  
 MINIMUM VALUE: 0.00 PPM  
 MEAN: 8.12 PPM  
 STD. DEVIATION: 4.75 PPM  
 COEFF. OF VARIATION: .58

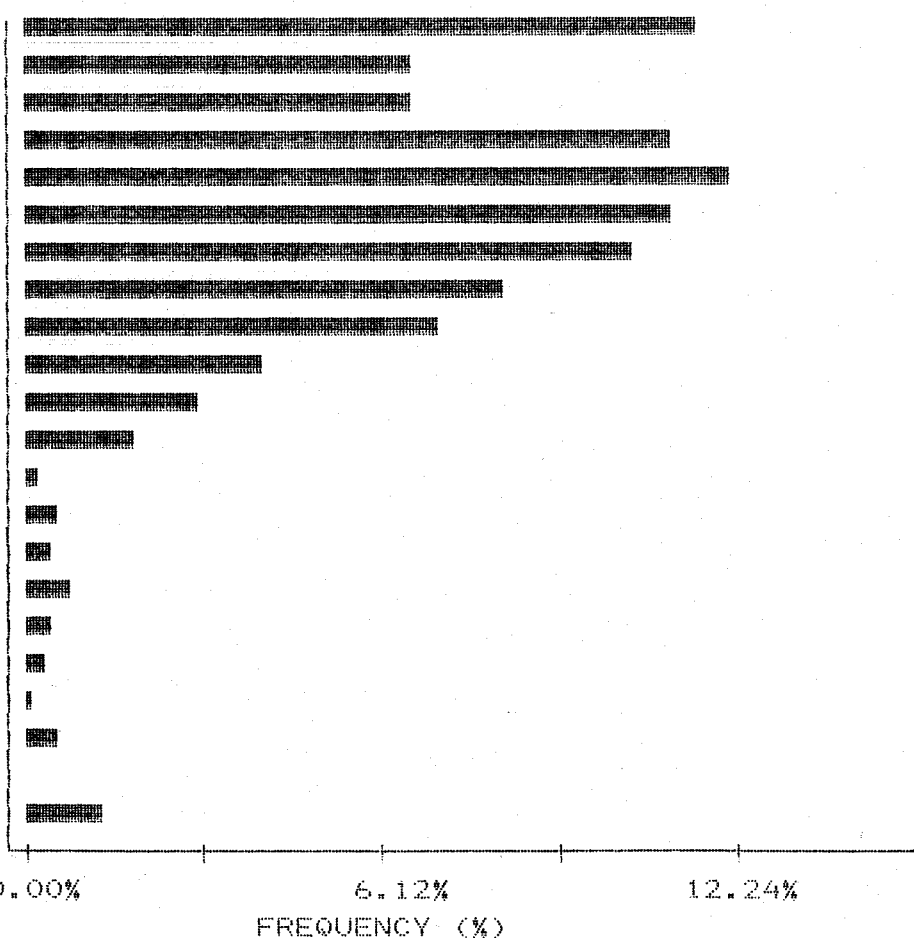
5 HIGHEST AS VALUES:  
 1500N 1025W 52 PPM  
 1000N 250W 51 PPM  
 1400N 900W 41 PPM  
 1600N 1125W 38 PPM  
 000 000W 40M 35 PPM

HISTOGRAM FOR AS

CLASS INTERVAL = .95

MID CLASS	CLASS
PPM	%

<	4.00	11.59
	4.47	6.78
	5.42	6.69
	6.37	11.18
	7.32	12.24
	8.27	11.18
	9.22	10.53
	10.17	8.33
	11.12	7.18
	12.07	4.16
	13.02	3.10
	13.97	1.96
	14.92	.33
	15.87	.65
	16.82	.49
	17.77	.82
	18.72	.49
	19.67	.41
	20.62	.16
	21.57	.57
	22.52	0.00
>	23.00	1.37



**MIN-EN LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**CUMMULATIVE PROBABILITY PLOT ON AS**

COMPANY: COOKE GEOLOGICAL CONS.

DATE: DEC 12/87

ATTN:

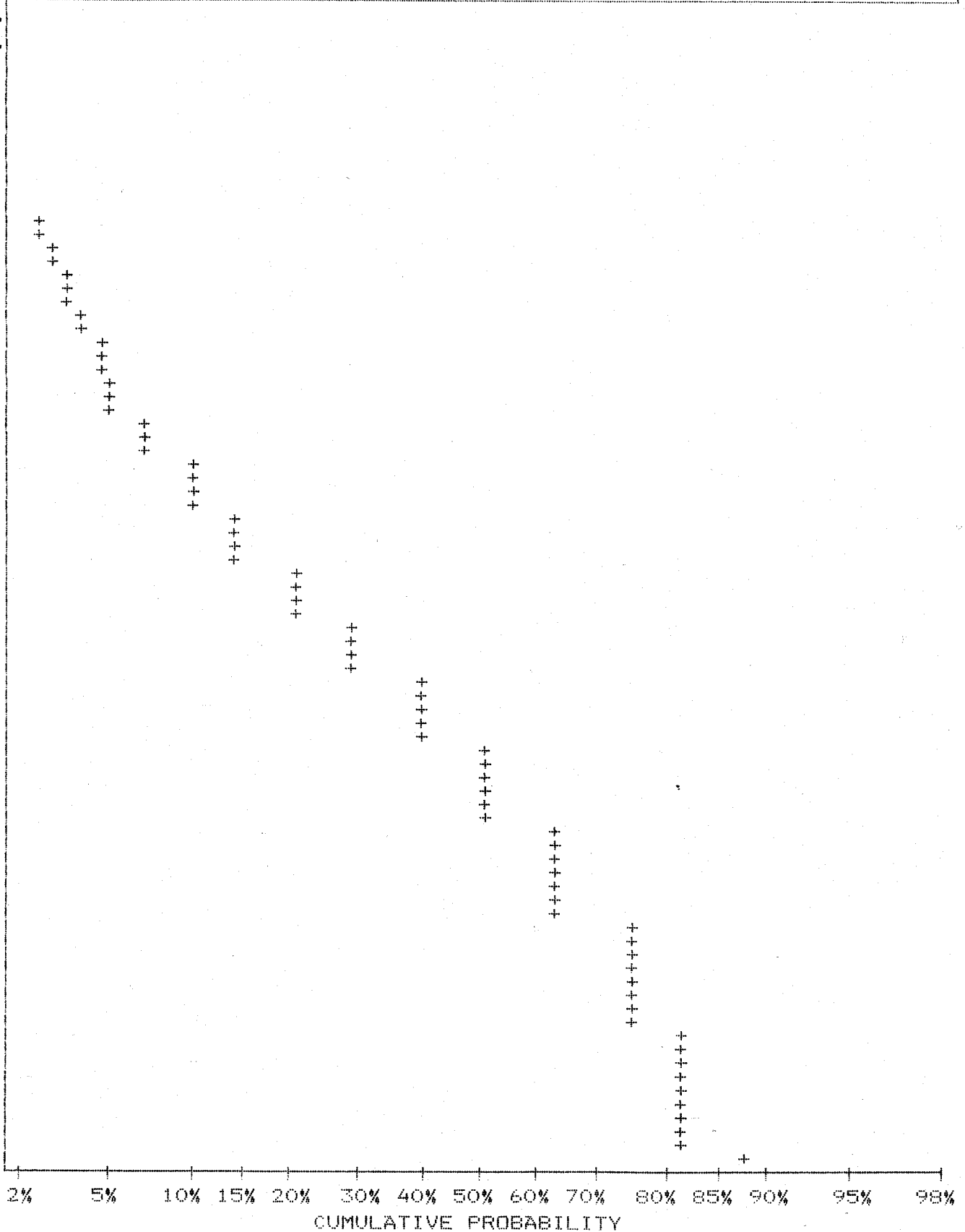
SAMPLE TYPE: SOIL

PROJECT: BC 8766

ANALYSIS TYPE: ICP

FILE#: 7-1683

UPPER LIMIT ( PPM)	CUMMUL. FREQ. (%)
24.10	.82
23.02	.90
21.98	1.80
20.99	1.96
20.05	1.96
19.14	2.37
18.28	2.86
17.46	3.67
16.68	4.16
15.92	4.82
15.21	4.82
14.52	5.14
13.87	7.10
13.24	7.10
12.65	10.20
12.08	10.20
11.54	14.37
11.02	14.37
10.52	21.55
10.05	21.55
9.60	29.88
9.16	29.88
8.75	40.41
8.36	40.41
7.98	51.59
7.62	51.59
7.28	51.59
6.95	63.84
6.64	63.84
6.34	63.84
6.06	63.84
5.78	75.02
5.52	75.02
5.27	75.02
5.04	75.02
4.81	81.71
4.59	81.71
4.38	81.71
4.19	81.71
4.00	88.41



# MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

## STATISTICAL SUMMARY ON CU

COMPANY: COOKE GEOLOGICAL CONS.

DATE: DEC 12/87

ATTN:

SAMPLE TYPE: SOIL

PROJECT: BC 8766

ANALYSIS TYPE: ICP

FILE#: 7-1683

NUMBER OF SAMPLES: 1225  
MAXIMUM VALUE: 448.00 PPM  
MINIMUM VALUE: 1.00 PPM  
MEAN: 31.26 PPM  
STD. DEVIATION: 25.38 PPM  
COEFF. OF VARIATION: .81

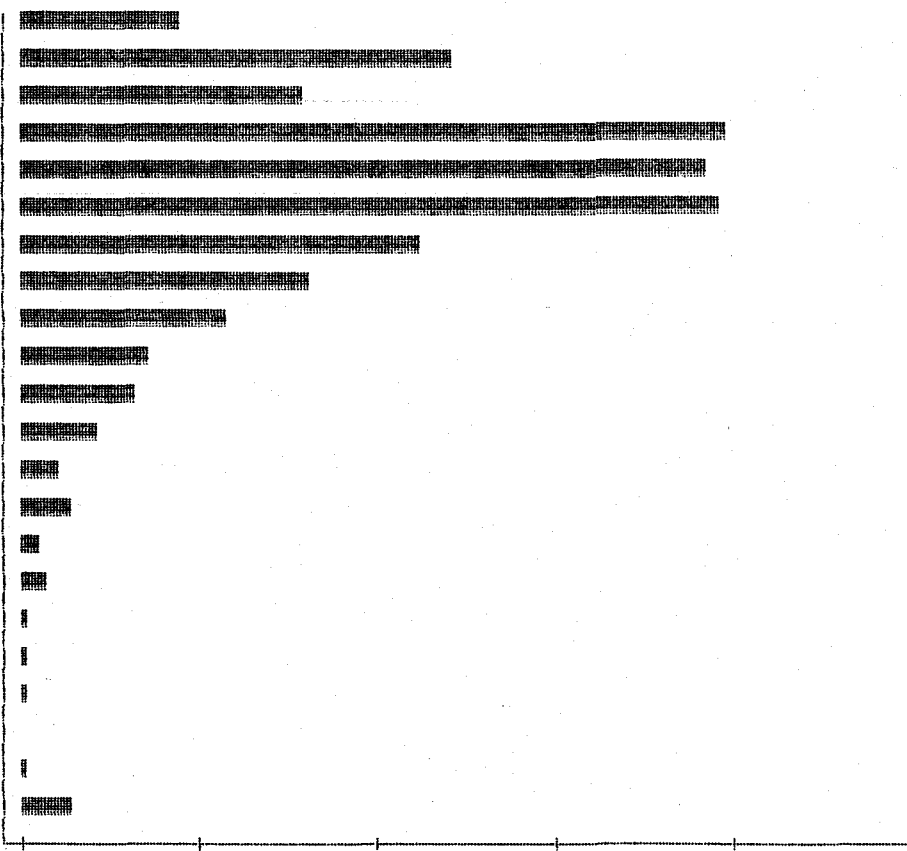
5 HIGHEST CU VALUES:  
400N 1375W 448 PPM  
1600N 175W 309 PPM  
1700N 125W 216 PPM  
700N 1400W 193 PPM  
1900N 275W 182 PPM

HISTOGRAM FOR CU

CLASS INTERVAL = 5.4

MID CLASS PPM	CLASS %
---------------	---------

< 6.00	3.76
8.70	9.71
14.10	6.45
19.50	15.92
24.90	15.43
30.30	15.76
35.70	8.98
41.10	6.53
46.50	4.73
51.90	2.94
57.30	2.61
62.70	1.80
68.10	.98
73.50	1.22
78.90	.57
84.30	.65
89.70	.24
95.10	.24
100.50	.16
105.90	.08
111.30	.16
> 114.00	1.27



0.00% 7.96% 15.92%  
FREQUENCY (%)



**MIN-EN LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604) 980-5814 OR (604) 988-4524

**CUMMULATIVE PROBABILITY PLOT ON CU**

COMPANY: COOKE GEOLOGICAL CONS.

DATE: DEC 12/87

ATTN:

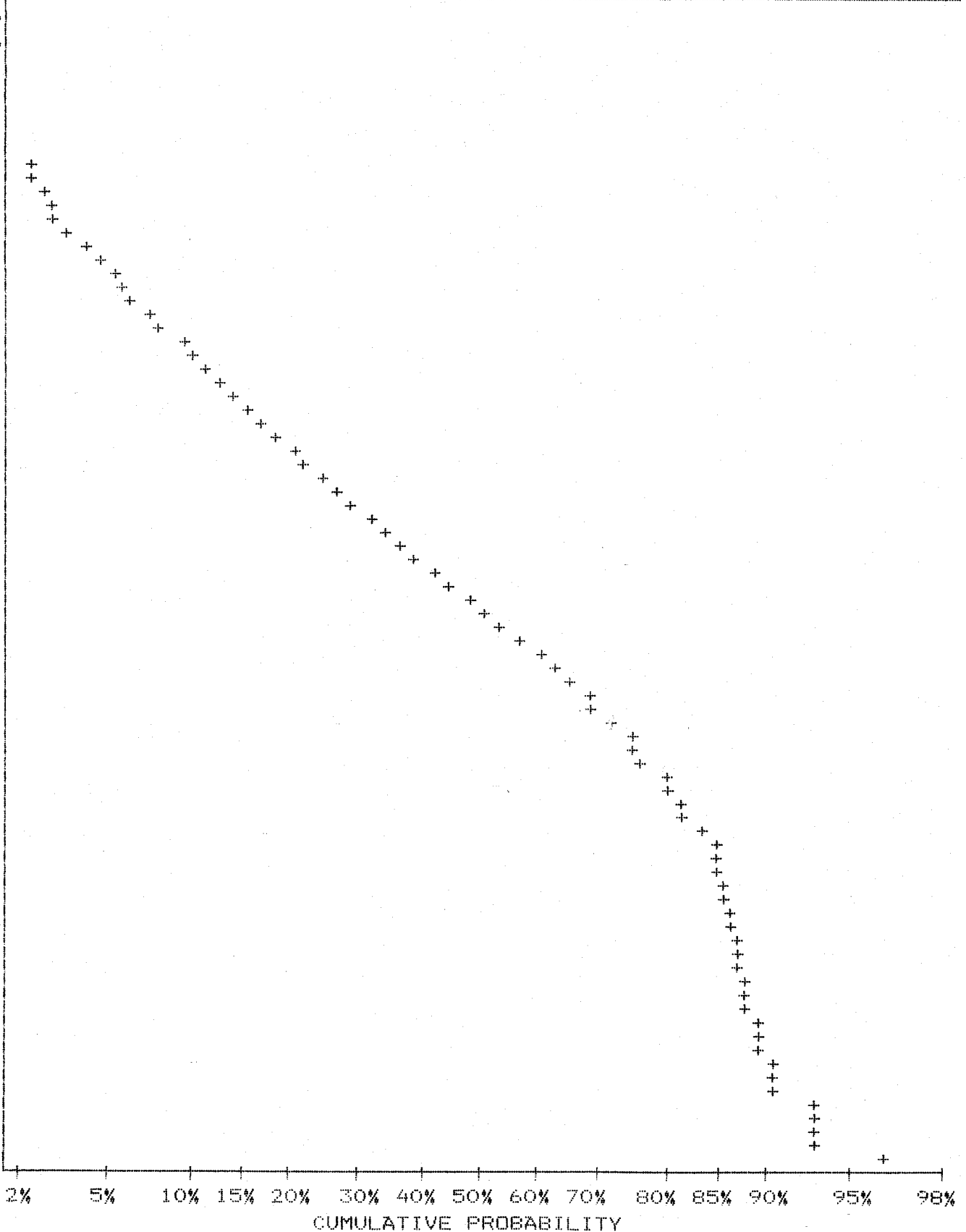
SAMPLE TYPE: SOIL

PROJECT: BC 8766

ANALYSIS TYPE: ICP

FILE#: 7-1683

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
106.21	1.31
98.66	1.55
91.66	1.80
85.15	2.20
79.10	2.86
73.48	3.84
68.26	4.90
63.41	5.88
58.90	7.51
54.72	9.88
50.83	12.00
47.22	14.61
43.87	17.55
40.75	21.31
37.86	25.63
35.17	29.88
32.67	34.69
30.35	39.76
28.19	45.71
26.19	51.59
24.33	57.88
22.60	64.24
20.99	69.39
19.51	72.49
18.12	75.18
16.83	80.16
15.64	81.96
14.53	83.92
13.49	85.14
12.53	86.04
11.65	86.61
10.82	87.43
10.05	87.43
9.34	88.16
8.67	89.39
8.06	89.39
7.48	90.69
6.95	93.22
6.46	93.22
6.00	96.24



**MIN-EN LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828      PHONE: (604)980-5814 OR (604)988-4524

**STATISTICAL SUMMARY ON PB**

COMPANY: COOKE GEOLOGICAL CONS.  
 ATTN:  
 PROJECT: BC 8766  
 FILE#: 7-1683

DATE: DEC 12/87  
 SAMPLE TYPE: SOIL  
 ANALYSIS TYPE: ICP

NUMBER OF SAMPLES: 1225  
 MAXIMUM VALUE: 148.00 PPM  
 MINIMUM VALUE: 3.00 PPM  
 MEAN: 15.15 PPM  
 STD. DEVIATION: 6.65 PPM  
 COEFF. OF VARIATION: .44

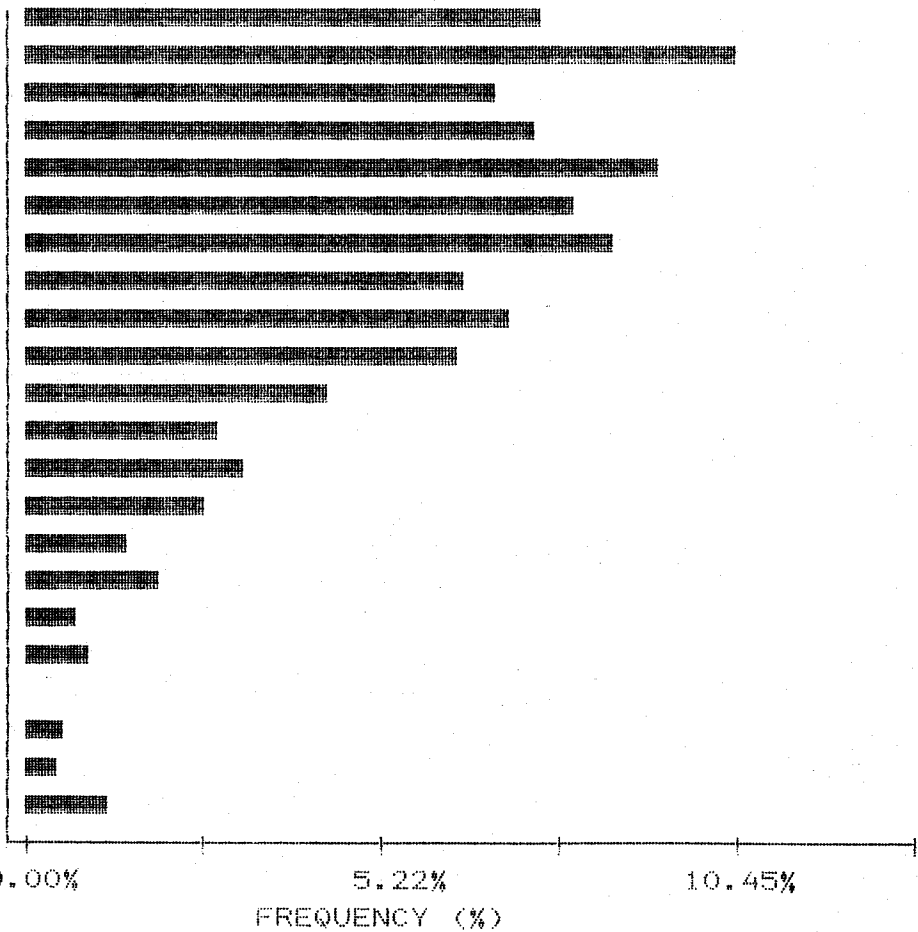
5 HIGHEST PB VALUES:  
 2000N 850W      148 PPM  
 1700N 1350W      72 PPM  
 1000N 250W      55 PPM  
 2000N 825W      47 PPM  
 2000N 900W      37 PPM

HISTOGRAM FOR PB

CLASS INTERVAL = 1.05

MID CLASS PPM	CLASS %
------------------	------------

<	9.00	7.67
	9.52	10.45
	10.57	7.02
	11.62	7.51
	12.67	9.39
	13.72	8.08
	14.77	8.65
	15.82	6.53
	16.87	7.18
	17.92	6.45
	18.97	4.49
	20.02	2.94
	21.07	3.27
	22.12	2.69
	23.17	1.55
	24.22	2.04
	25.27	.82
	26.32	.98
	27.37	.08
	28.42	.65
	29.47	.49
>	30.00	1.27



# MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828      PHONE: (604)980-5814 OR (604)988-4524

## CUMMULATIVE PROBABILITY PLOT ON PE

COMPANY: COOKE GEOLOGICAL CONS.

DATE: DEC 12/87

ATTN:

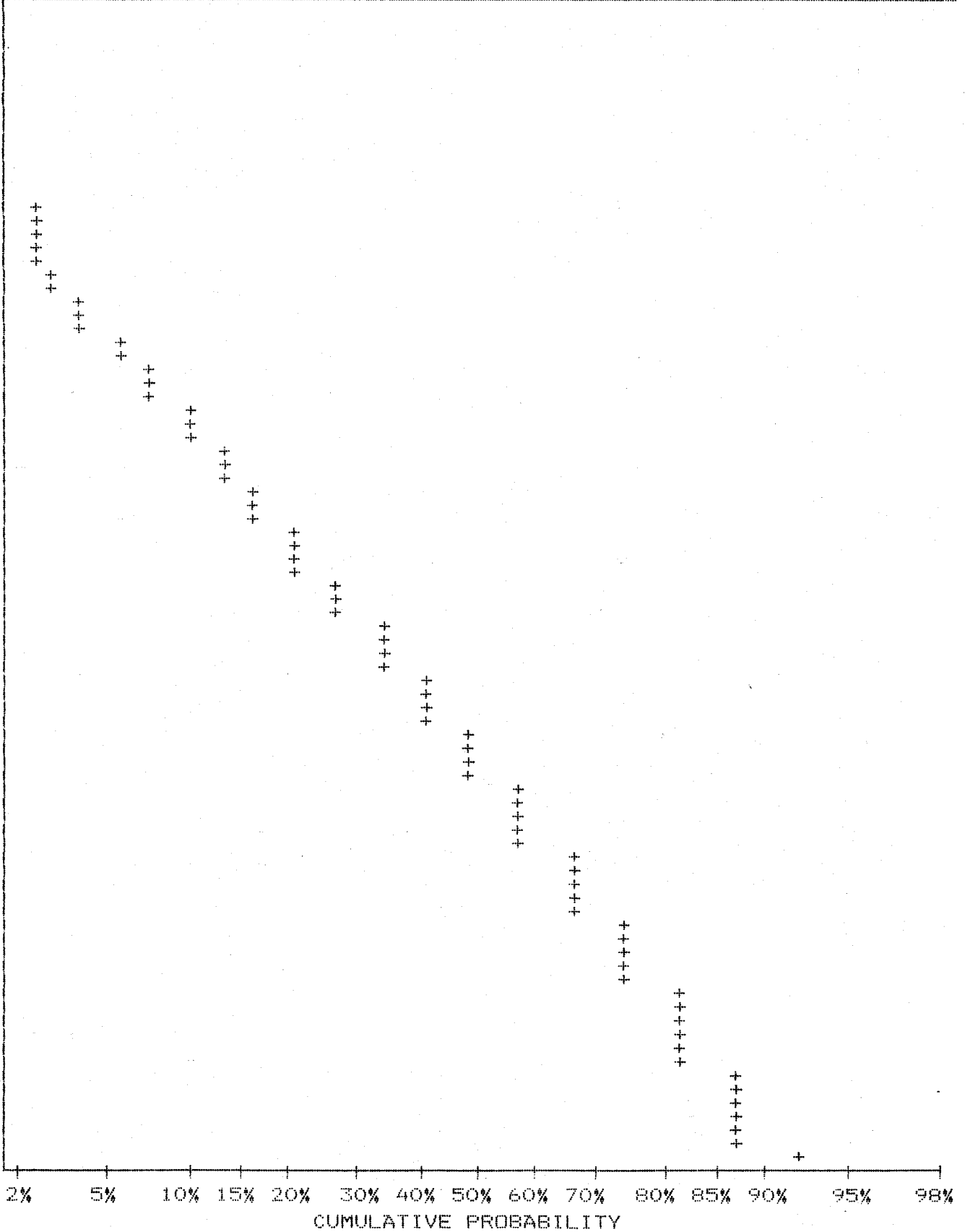
SAMPLE TYPE: SOIL

PROJECT: BC 8766

ANALYSIS TYPE: ICP

FILE#: 7-1683

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
31.64	.82
30.64	.98
29.66	1.14
28.73	1.63
27.81	2.29
26.93	2.37
26.07	2.37
25.24	3.35
24.44	4.16
23.67	6.20
22.92	7.76
22.19	7.76
21.49	10.45
20.81	13.71
20.15	13.71
19.51	16.65
18.89	21.14
18.29	21.14
17.71	27.59
17.14	27.59
16.60	34.78
16.07	34.78
15.57	41.31
15.07	41.31
14.60	49.96
14.13	49.96
13.69	58.04
13.25	58.04
12.83	67.43
12.42	67.43
12.03	67.43
11.65	74.94
11.28	74.94
10.92	81.96
10.57	81.96
10.24	81.96
9.92	87.43
9.60	87.43
9.30	87.43
9.00	92.33



**MIN-EN LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828      PHONE: (604) 980-5814 OR (604) 988-4524

**STATISTICAL SUMMARY ON SB**

COMPANY: COOKE GEOLOGICAL CONS.  
 ATTN:  
 PROJECT: BC 8766  
 FILE#: 7-1683

DATE: DEC 12/87  
 SAMPLE TYPE: SOIL  
 ANALYSIS TYPE: ICP

NUMBER OF SAMPLES: 1225  
 MAXIMUM VALUE: 10.00 PPM  
 MINIMUM VALUE: 0.00 PPM  
 MEAN: 2.13 PPM  
 STD. DEVIATION: 1.51 PPM  
 COEFF. OF VARIATION: .71

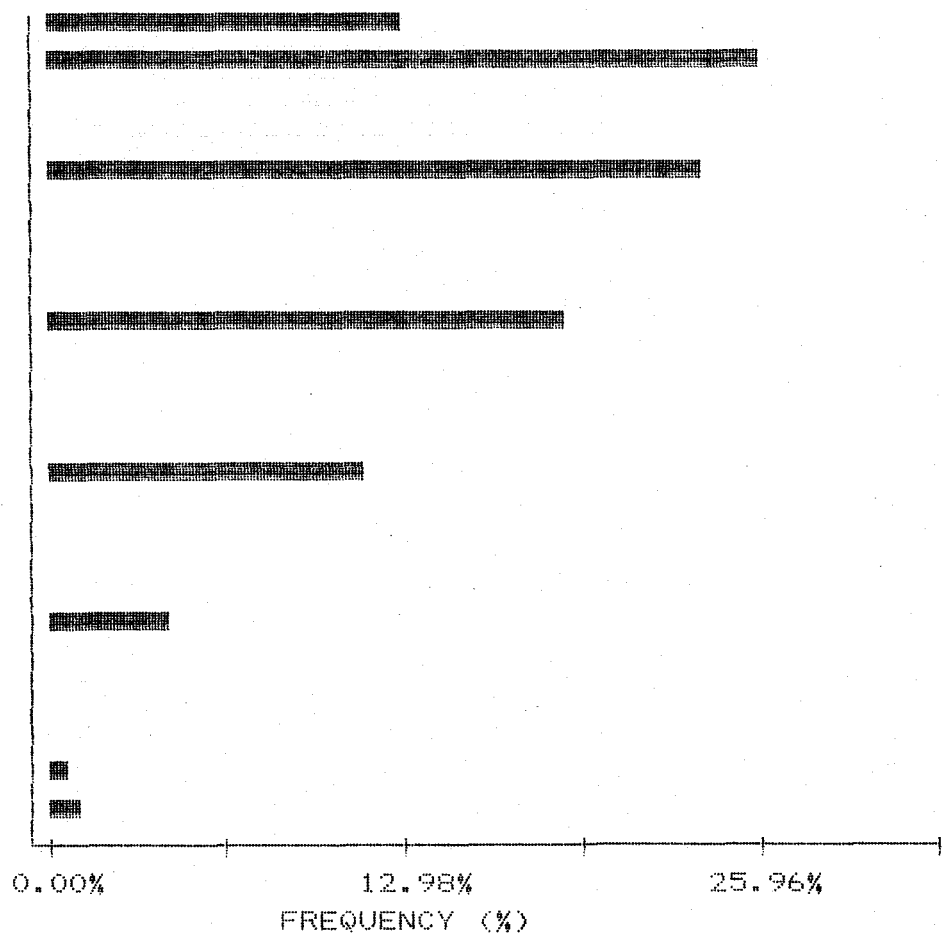
5 HIGHEST SB VALUES:  
 700N 900W      10 PPM  
 000 925W      8 PPM  
 100N 400W      8 PPM  
 100N 875W      8 PPM  
 1900N 275W      8 PPM

HISTOGRAM FOR SB

CLASS INTERVAL = .25

MID CLASS	CLASS
PPM	%

<	1.00	13.14
	1.13	25.96
	1.38	0.00
	1.63	0.00
	1.88	23.92
	2.13	0.00
	2.38	0.00
	2.63	0.00
	2.88	18.94
	3.13	0.00
	3.38	0.00
	3.63	0.00
	3.88	11.76
	4.13	0.00
	4.38	0.00
	4.63	0.00
	4.88	4.49
	5.13	0.00
	5.38	0.00
	5.63	0.00
	5.88	.73
>	6.00	1.27



**MIN-EN LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604) 980-5814 OR (604) 988-4524

**CUMMULATIVE PROBABILITY PLOT ON SB**

COMPANY: COOKE GEOLOGICAL CONS.

DATE: DEC 12/87

ATTN:

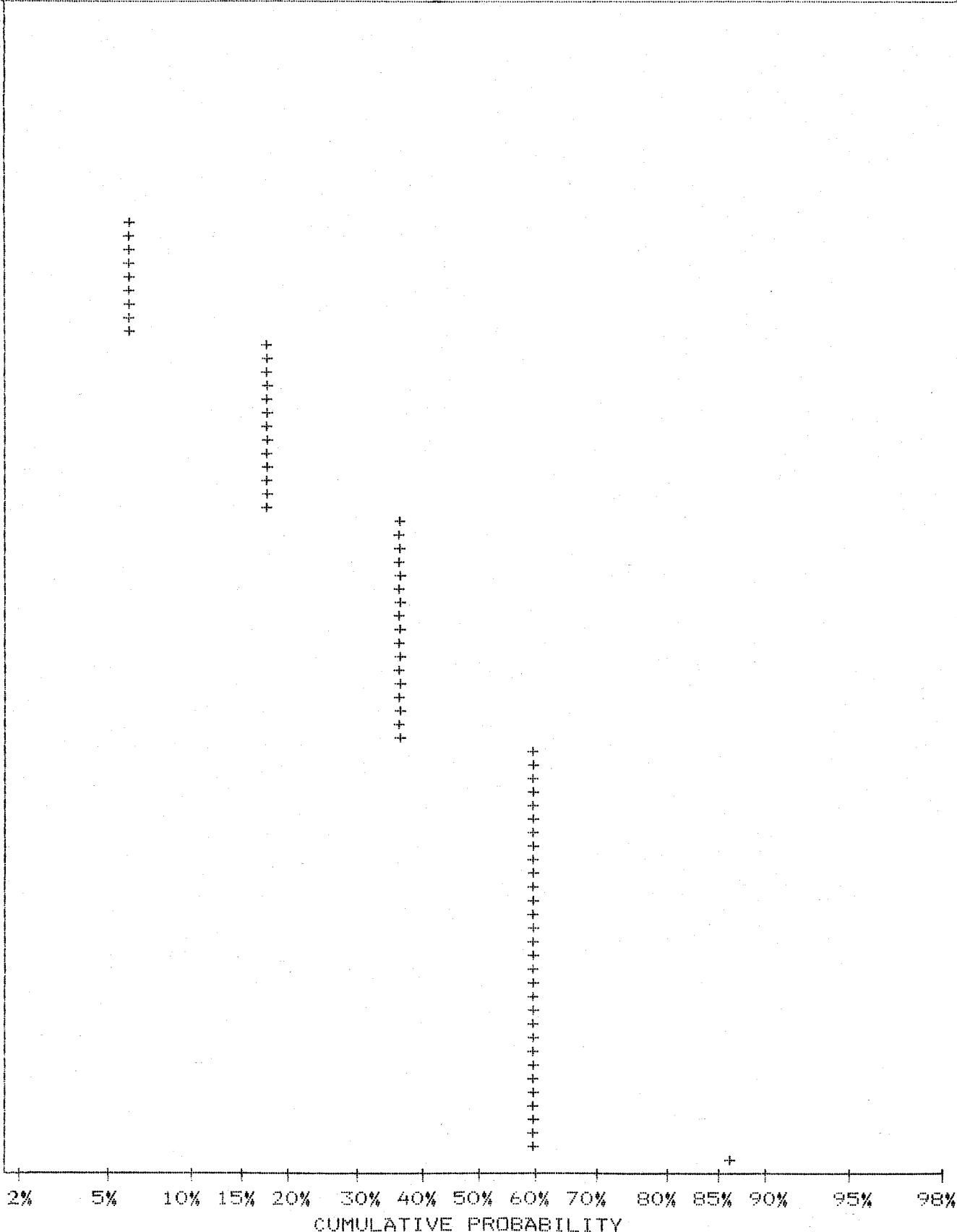
SAMPLE TYPE: SOIL

PROJECT: BC 8766

ANALYSIS TYPE: ICP

FILE#: 7-1683

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
6.03	.98
5.75	1.88
5.49	1.88
5.25	1.88
5.01	1.88
4.79	6.37
4.57	6.37
4.37	6.37
4.17	6.37
3.98	18.12
3.80	18.12
3.63	18.12
3.47	18.12
3.31	18.12
3.16	18.12
3.02	18.12
2.88	37.06
2.75	37.06
2.63	37.06
2.51	37.06
2.40	37.06
2.29	37.06
2.19	37.06
2.09	37.06
2.00	60.98
1.90	60.98
1.82	60.98
1.74	60.98
1.66	60.98
1.58	60.98
1.51	60.98
1.44	60.98
1.38	60.98
1.32	60.98
1.26	60.98
1.20	60.98
1.15	60.98
1.10	60.98
1.05	60.98
1.00	86.86



**MIN-EN LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

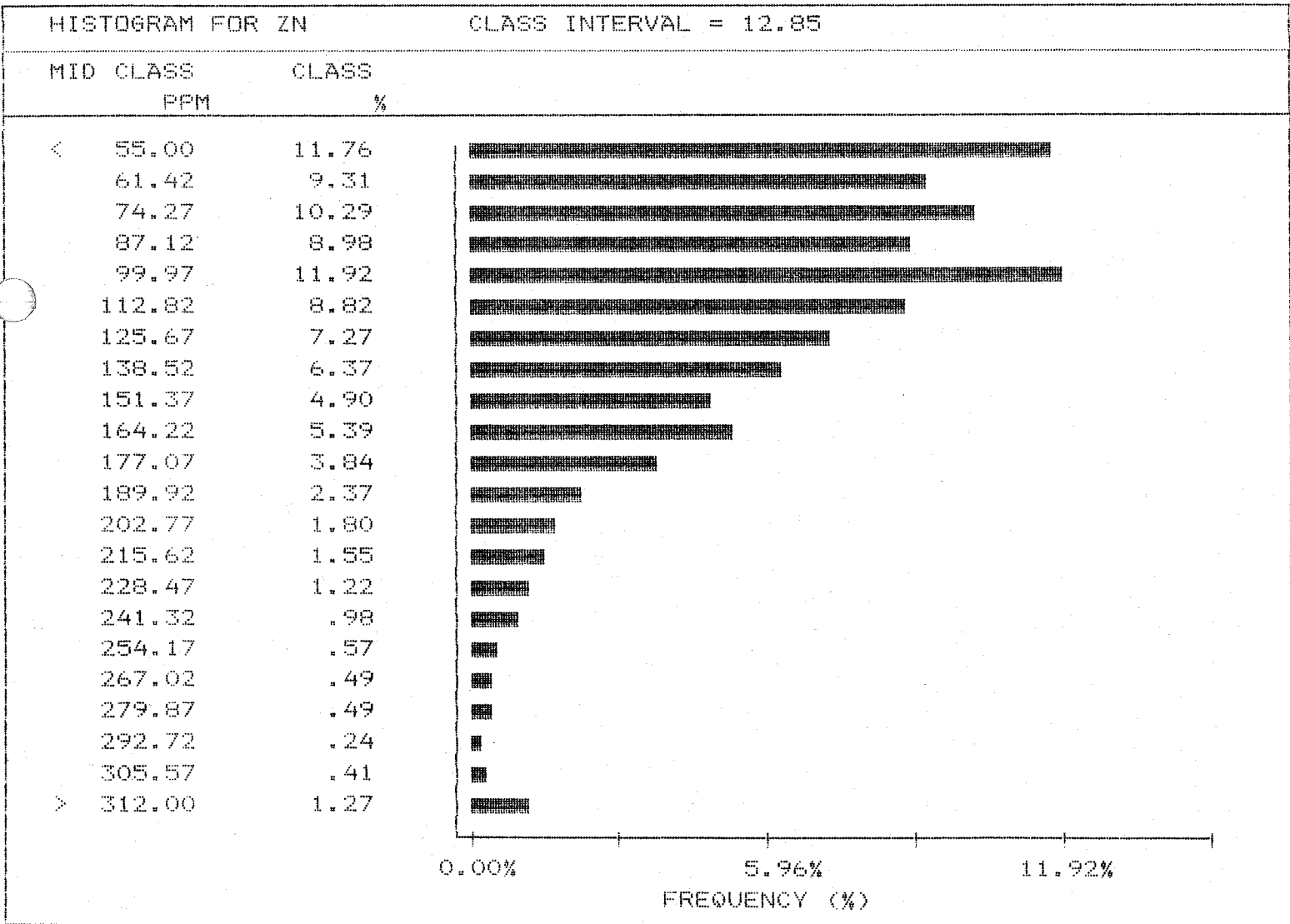
TELEX: 04-352828      PHONE: (604)980-5814 OR (604)988-4524

**STATISTICAL SUMMARY ON ZN**

COMPANY: COOKE GEOLOGICAL CONS.  
 ATTN:  
 PROJECT: BC 8766  
 FILE#: 7-1683

DATE: DEC 12/87  
 SAMPLE TYPE: SOIL  
 ANALYSIS TYPE: ICP

NUMBER OF SAMPLES: 1225	5 HIGHEST ZN VALUES:
MAXIMUM VALUE: 490.00 PPM	700N 1150W 490 PPM
MINIMUM VALUE: 6.00 PPM	800N 1175W 415 PPM
MEAN: 115.28 PPM	1700N 975W 391 PPM
STD. DEVIATION: 60.64 PPM	1900N 900W 382 PPM
COEFF. OF VARIATION: .53	1800N 875W 372 PPM



**MIN-EN LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

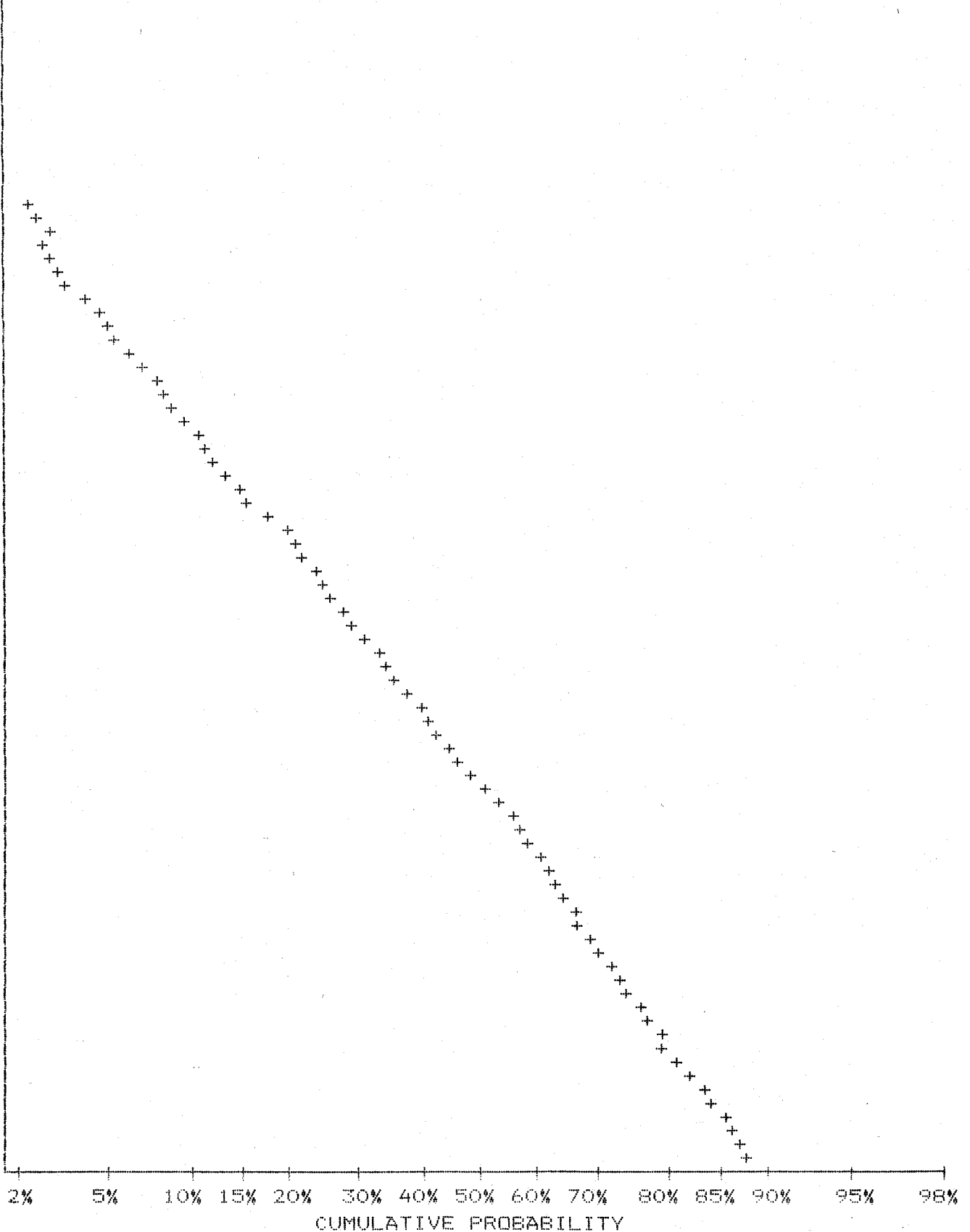
TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**CUMMULATIVE PROBABILITY PLOT ON ZN**

COMPANY: COOKE GEOLOGICAL CONS.  
 ATTN:  
 PROJECT: BC 8766  
 FILE#: 7-1683

DATE: DEC 12/87  
 SAMPLE TYPE: SOIL  
 ANALYSIS TYPE: ICP

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
331.43	.90
316.47	.98
302.22	1.47
288.64	1.80
275.66	2.20
263.23	2.69
251.40	3.18
240.07	3.67
229.30	4.90
218.95	5.71
209.11	7.10
199.70	8.57
190.69	9.71
182.10	11.43
173.91	13.63
166.10	16.16
158.62	20.00
151.47	22.61
144.65	25.39
138.16	28.24
131.94	32.00
126.00	34.69
120.34	38.45
114.89	42.20
109.72	45.47
104.77	49.31
100.10	53.80
95.59	58.04
91.30	61.22
87.18	63.76
83.27	66.78
79.47	69.22
75.90	72.49
72.49	74.86
69.25	77.14
66.11	79.76
63.14	82.29
60.28	84.57
57.58	86.94
55.00	88.24



**MIN-EN LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**STATISTICAL SUMMARY ON AU**

COMPANY: COOKE GEOLOGICAL CONS.

DATE: DEC 12/87

ATTN:

SAMPLE TYPE: SOIL

PROJECT: BC 8766

ANALYSIS TYPE: ICP

FILE#: 7-1683

NUMBER OF SAMPLES: 1225  
MAXIMUM VALUE: 145.00 PPB  
MINIMUM VALUE: 5.00 PPB  
MEAN: 6.31 PPB  
STD. DEVIATION: 4.94 PPB  
COEFF. OF VARIATION: .78

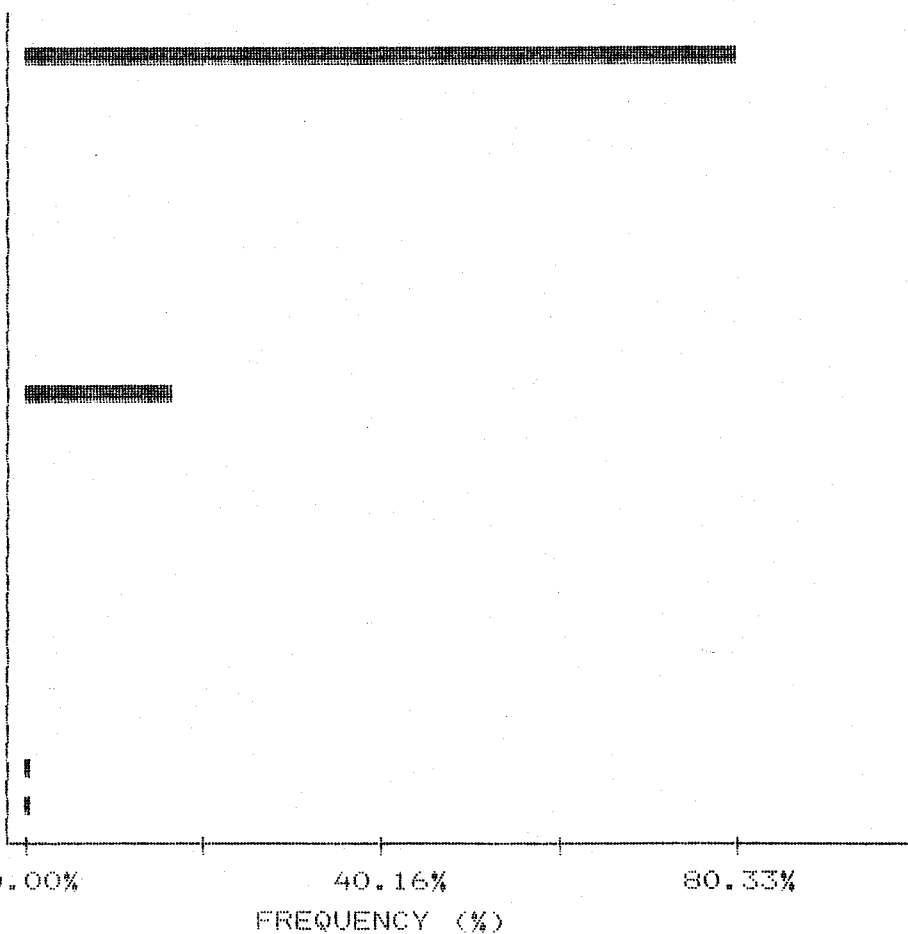
5 HIGHEST AU VALUES:  
200N 1275W 145 PPB  
1300N 1400W 45 PPB  
1600N 850W 35 PPB  
300N 1000W 25 PPB  
500N 1200W 25 PPB

HISTOGRAM FOR AU

CLASS INTERVAL = .5

MID CLASS	CLASS
PPB	%

< 5.00	.08
5.25	80.33
5.75	0.00
6.25	0.00
6.75	0.00
7.25	0.00
7.75	0.00
8.25	0.00
8.75	0.00
9.25	0.00
9.75	17.22
10.25	0.00
10.75	0.00
11.25	0.00
11.75	0.00
12.25	0.00
12.75	0.00
13.25	0.00
13.75	0.00
14.25	0.00
14.75	1.31
> 15.00	1.27





**MIN-EN LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: 04-352828 PHONE: (604)980-5814 OR (604)988-4524

**CUMMULATIVE PROBABILITY PLOT ON AU**

COMPANY: COOKE GEOLOGICAL CONS.

DATE: DEC 12/87

ATTN:

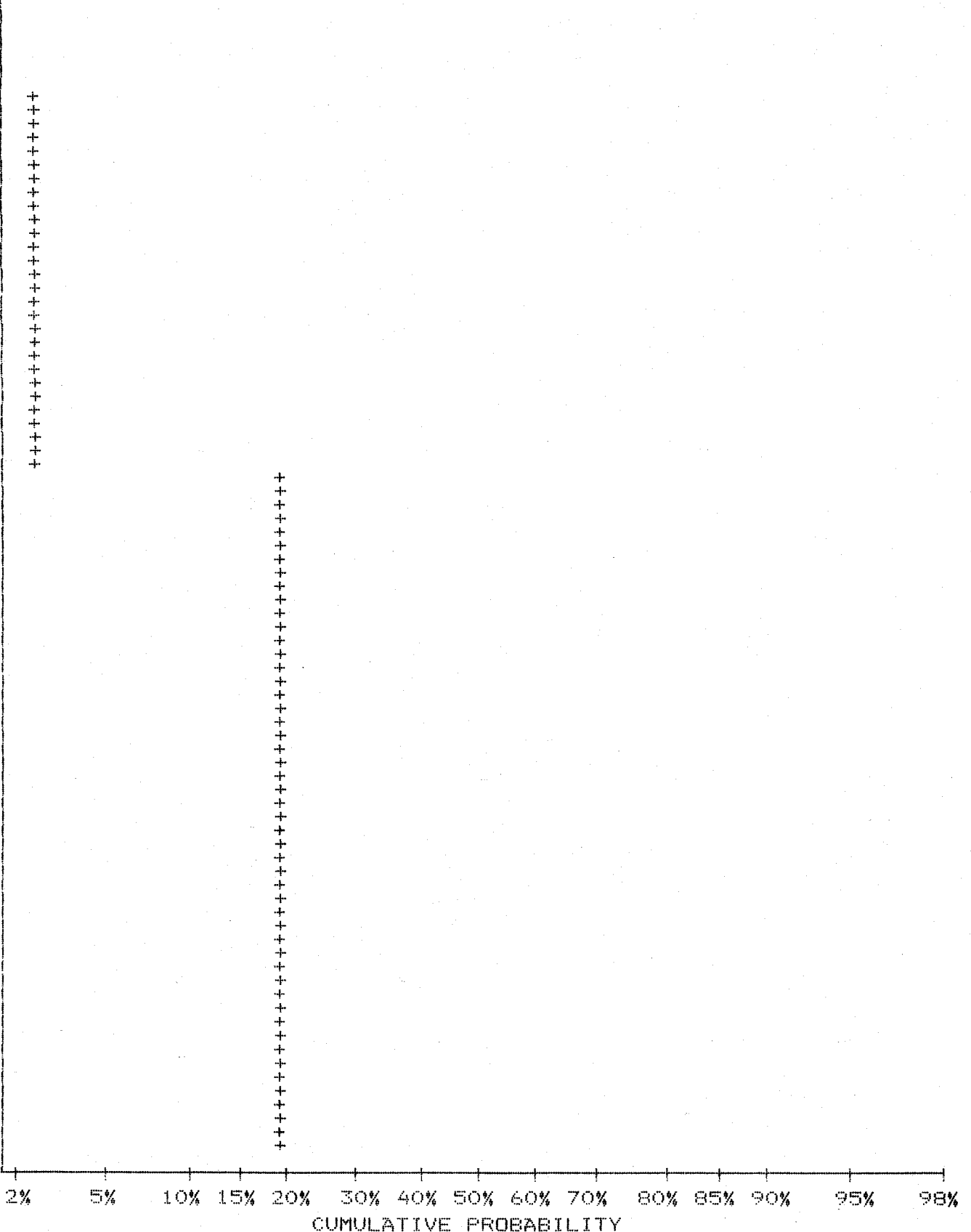
SAMPLE TYPE: SOIL

PROJECT: BC 8766

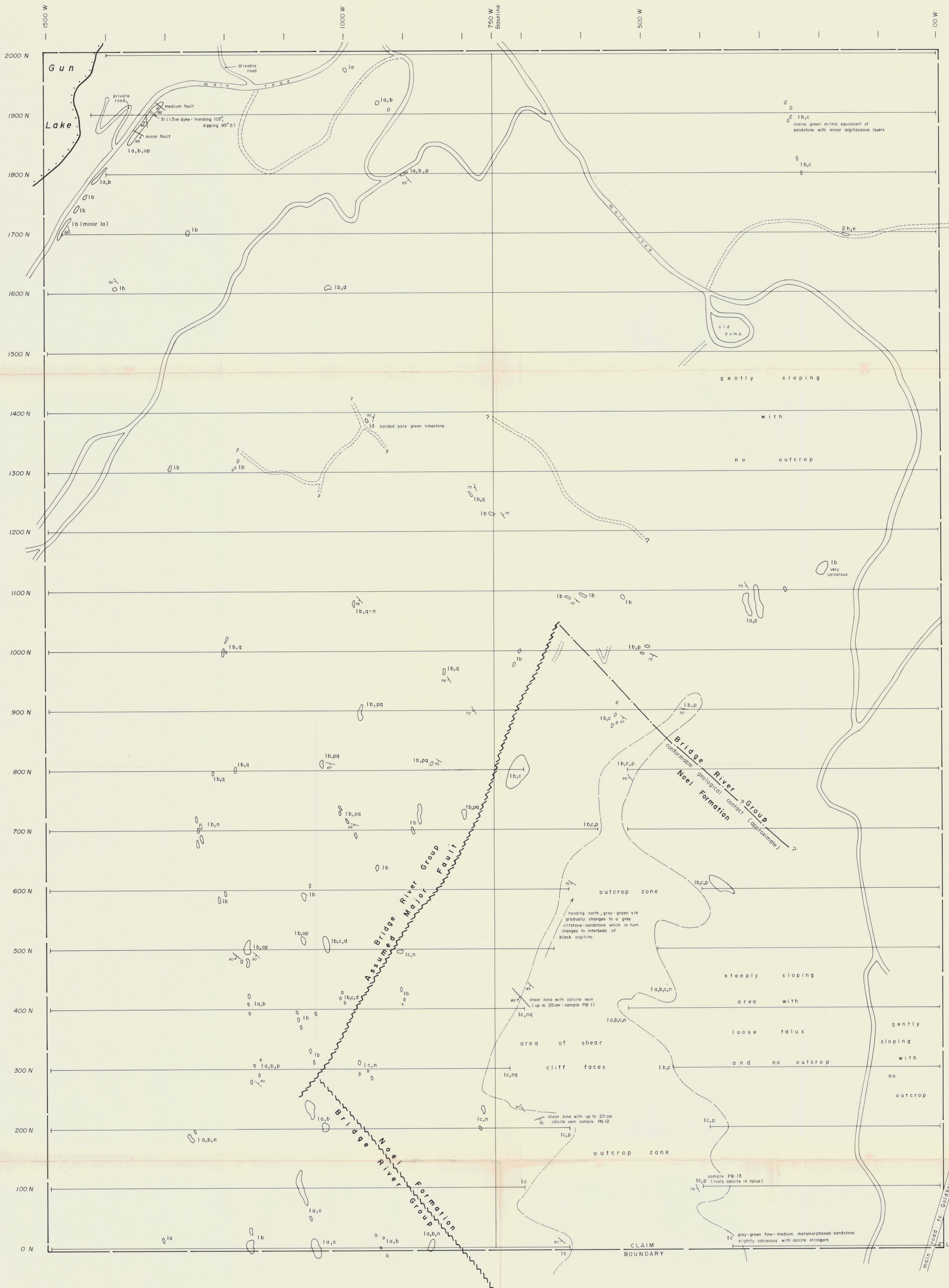
ANALYSIS TYPE: ICP

FILE#: 7-1683

UPPER LIMIT ( PPB)	CUMMUL. FREQ. (%)
14.69	2.45
14.29	2.45
13.90	2.45
13.52	2.45
13.15	2.45
12.79	2.45
12.44	2.45
12.10	2.45
11.77	2.45
11.45	2.45
11.14	2.45
10.84	2.45
10.54	2.45
10.25	2.45
9.97	19.67
9.70	19.67
9.44	19.67
9.18	19.67
8.93	19.67
8.69	19.67
8.45	19.67
8.22	19.67
8.00	19.67
7.78	19.67
7.57	19.67
7.36	19.67
7.16	19.67
6.96	19.67
6.78	19.67
6.59	19.67
6.41	19.67
6.23	19.67
6.06	19.67
5.90	19.67
5.74	19.67
5.58	19.67
5.43	19.67
5.28	19.67
5.14	19.67
5.00	99.92

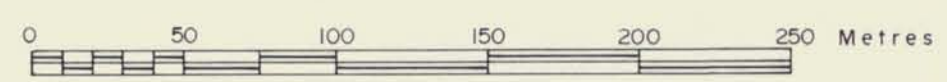






**LEGEND**

- 3 - Porphyry Dike i) feldspar
- 2 - Cadwallader Group e) andesite h) diorite
- 1 - Bridge River Group a) chert b) argillite c) siltstone d) limestone
- n - massive
- o - sheared
- p - bedded
- q - jointed
- o (circle) - outcrop
- (dashed) - approximate geological contact
- (solid) - blazed lines, end of line
- (double line) - drivable road
- (dotted line) - old, overgrown road
- (wavy line) - assumed fault
- (line with ticks) - fault, shear zone with orientation
- (line with arrows) - bedding planes

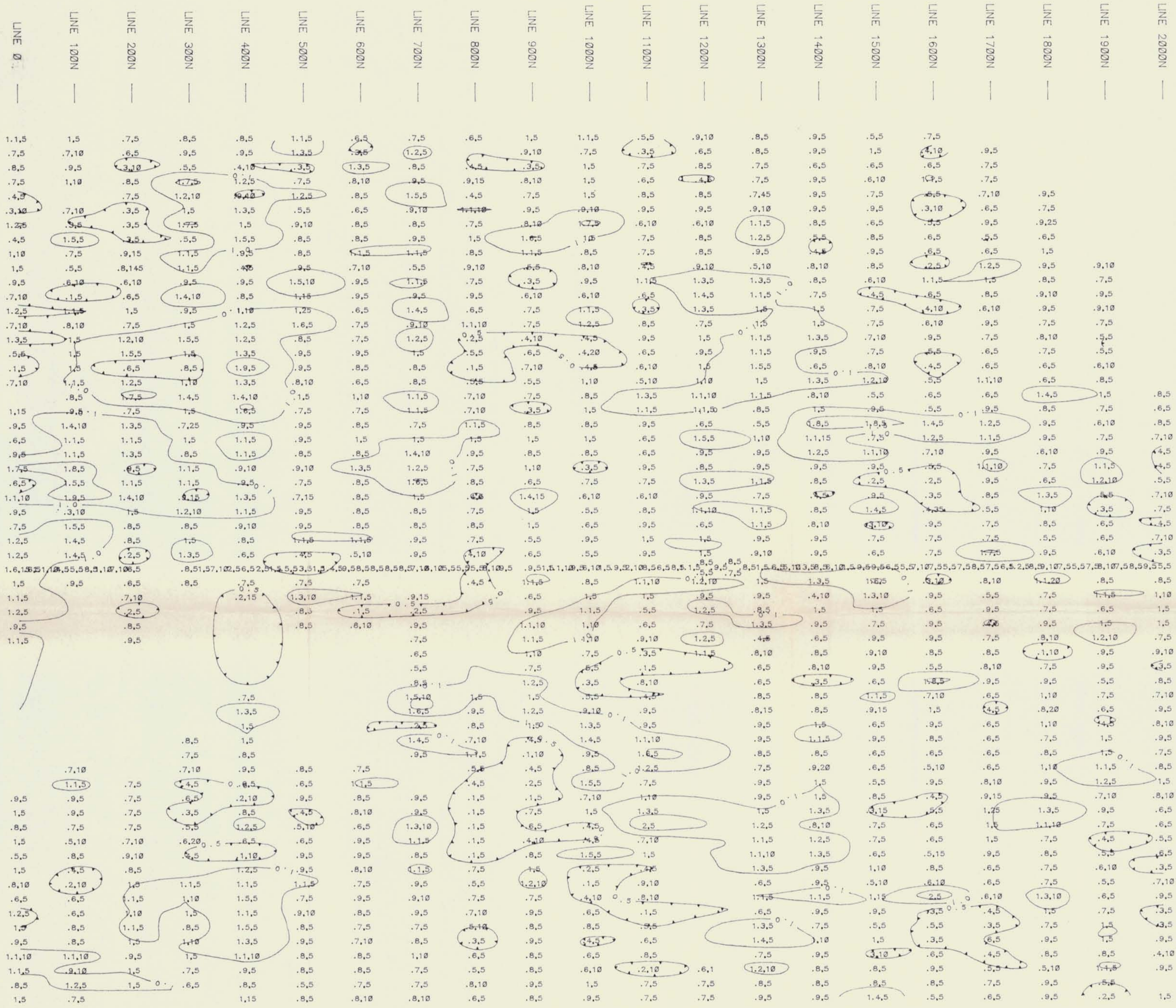


**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

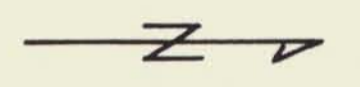
**16,929**

<b>GUNS GOLD PROPERTY</b>		
For: BEACON HILL CONSULTANTS LTD.		
<b>PROPERTY GEOLOGY</b>		
LILLOOET M.D., B.C.		
By: COOKE GEOLOGICAL CONSULTANTS LTD.		
N.T.S.	Date: December 1987	Figure:
Drawn by: P. Barrett	Scale: 1:2500	4



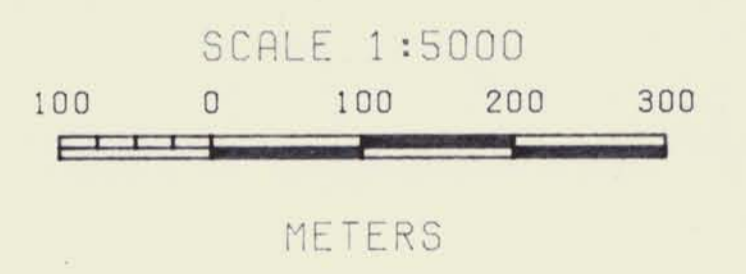


— STATION 1500W  
 — STATION 1450W  
 — STATION 1400W  
 — STATION 1350W  
 — STATION 1300W  
 — STATION 1250W  
 — STATION 1200W  
 — STATION 1150W  
 — STATION 1100W  
 — STATION 1050W  
 — STATION 1000W  
 — STATION 950W  
 — STATION 900W  
 — STATION 850W  
 — STATION 800W  
 — BASELINE  
 — STATION 700W  
 — STATION 650W  
 — STATION 600W  
 — STATION 550W  
 — STATION 500W  
 — STATION 450W  
 — STATION 400W  
 — STATION 350W  
 — STATION 300W  
 — STATION 250W  
 — STATION 200W  
 — STATION 150W  
 — STATION 100W  
 — STATION 50W  
 — STATION 0



**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

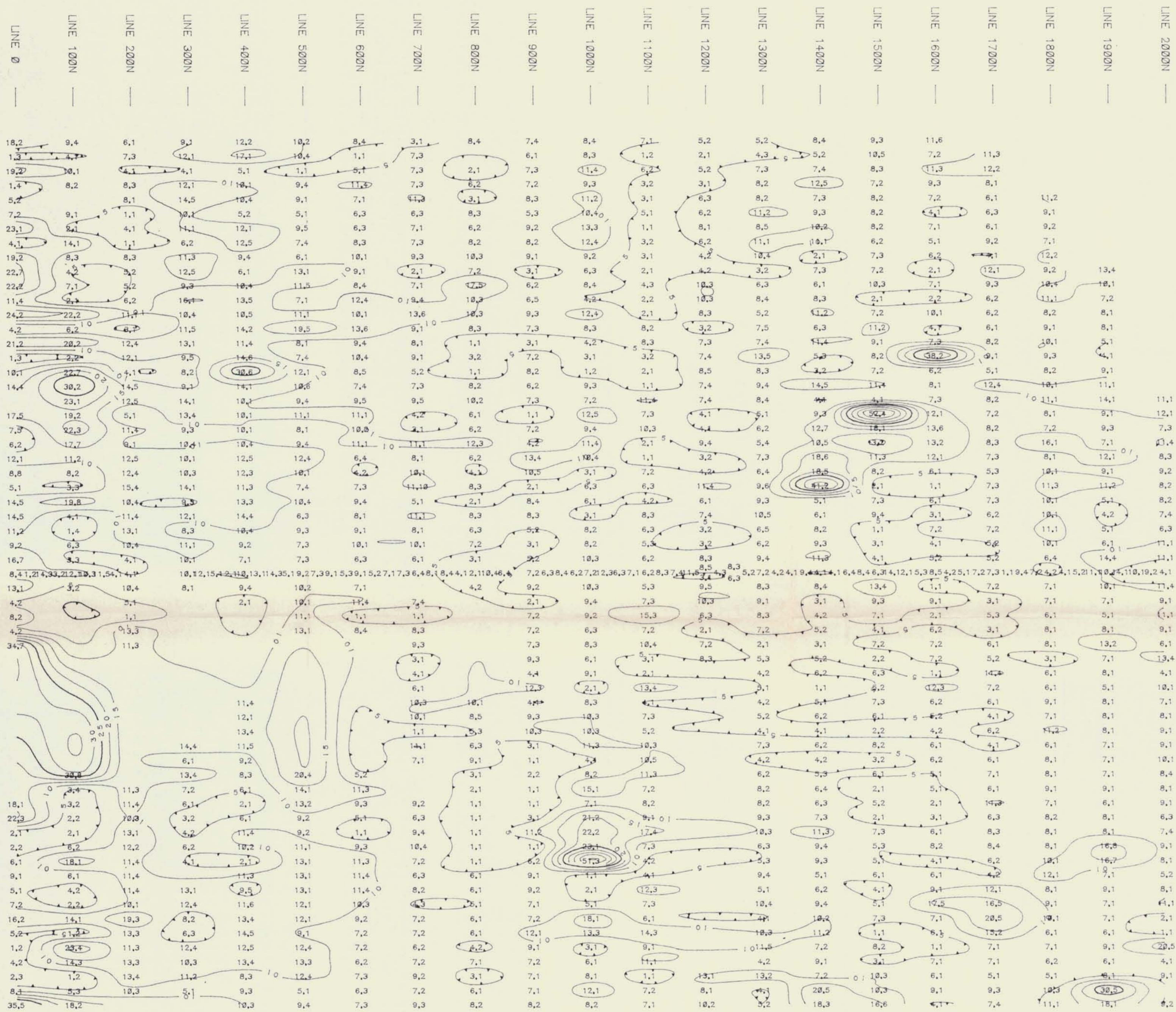
**16,929**



SILVER CONTOUR INTERVAL: 0.5 PPM  
 SILVER VALUES IN PPM  
 GOLD VALUES IN PPB  
 SAMPLE LOCATION POINT AT CENTRE OF TEXT STRING

<b>GUNS GOLD PROPERTY</b>	
FOR: BERCON HILL CONSULTANTS LTD.	
<b>SOIL GEOCHEMISTRY</b>	
<b>SILVER - GOLD</b>	
LILLOOET M.D., B.C.	
BY: COOKE GEOLOGICAL CONSULTANTS LTD.	
N.T.S.: 92J / 15W	DATE: DECEMBER 1987
PLOTTED BY: RPM MAPPING	FIGURE NO. <b>5</b>

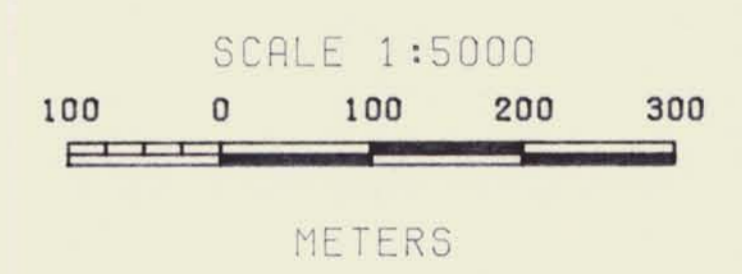




- STATION 1500W
- STATION 1450W
- STATION 1400W
- STATION 1350W
- STATION 1300W
- STATION 1250W
- STATION 1200W
- STATION 1150W
- STATION 1100W
- STATION 1050W
- STATION 1000W
- STATION 950W
- STATION 900W
- STATION 850W
- STATION 800W
- BASELINE
- STATION 700W
- STATION 650W
- STATION 600W
- STATION 550W
- STATION 500W
- STATION 450W
- STATION 400W
- STATION 350W
- STATION 300W
- STATION 250W
- STATION 200W
- STATION 150W
- STATION 100W
- STATION 50W
- STATION 0

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,929

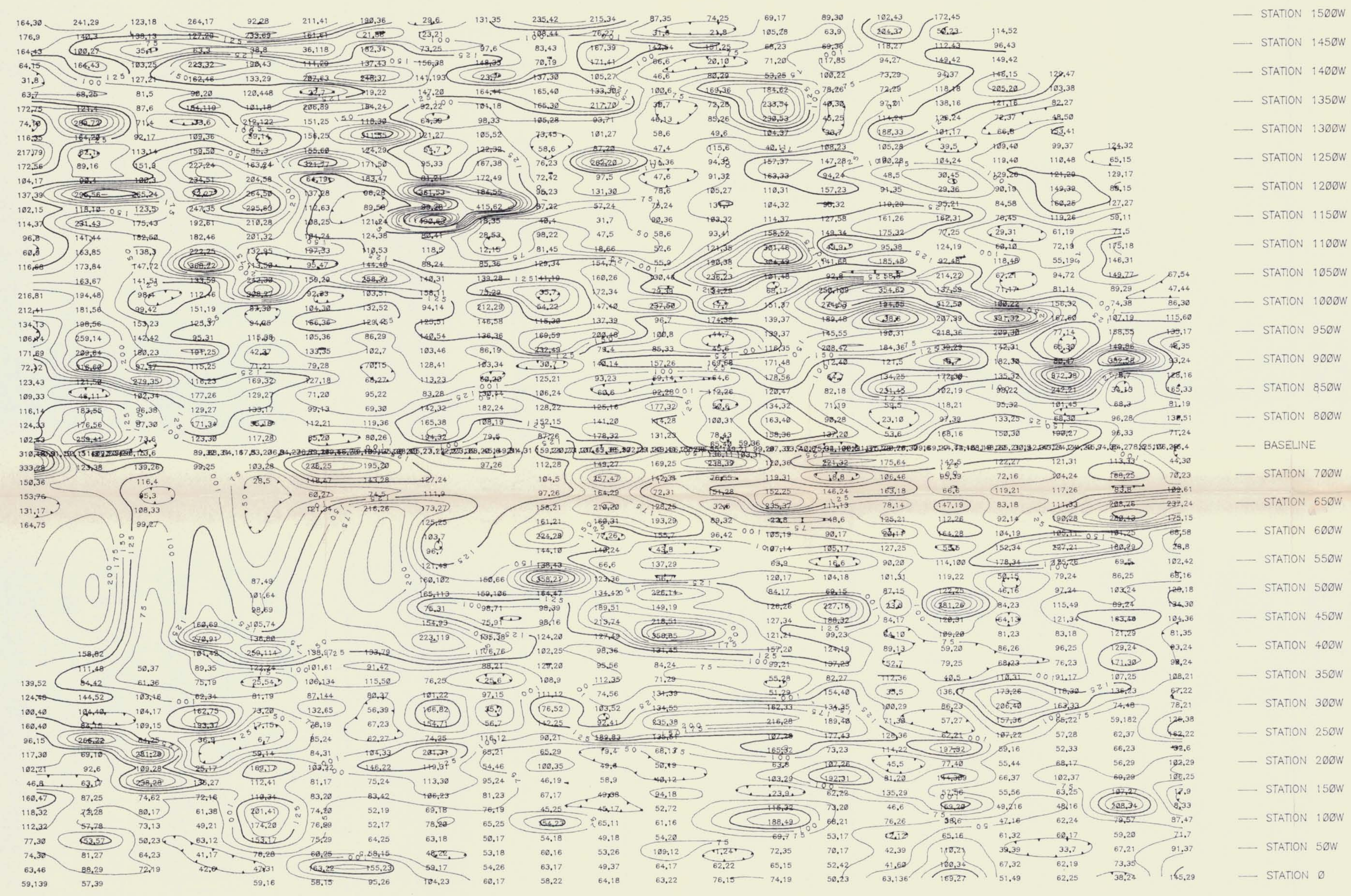
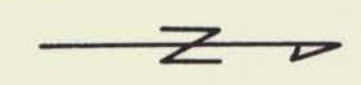


ARSENIC CONTOUR INTERVAL: 5 PPM  
 ARSENIC AND ANTIMONY VALUES IN PPM  
 SAMPLE LOCATION POINT AT CENTRE OF TEXT STRING

GUNS GOLD PROPERTY	
FOR: BEACON HILL CONSULTANTS LTD.	
SOIL GEOCHEMISTRY	
ARSENIC - ANTIMONY	
LILLOOET M.O., B.C.	
BY: COOKE GEOLOGICAL CONSULTANTS LTD.	
N.T.S.: 92J / 15W	DATE: DECEMBER 1987
PLOTTED BY: RPM MAPPING	FIGURE NO. 6

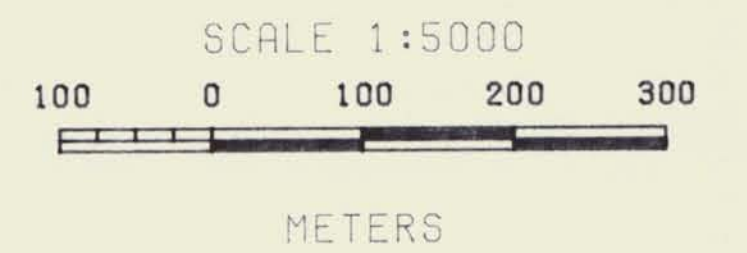


LINE 0  
LINE 100N  
LINE 200N  
LINE 300N  
LINE 400N  
LINE 500N  
LINE 600N  
LINE 700N  
LINE 800N  
LINE 900N  
LINE 1000N  
LINE 1100N  
LINE 1200N  
LINE 1300N  
LINE 1400N  
LINE 1500N  
LINE 1600N  
LINE 1700N  
LINE 1800N  
LINE 1900N  
LINE 2000N



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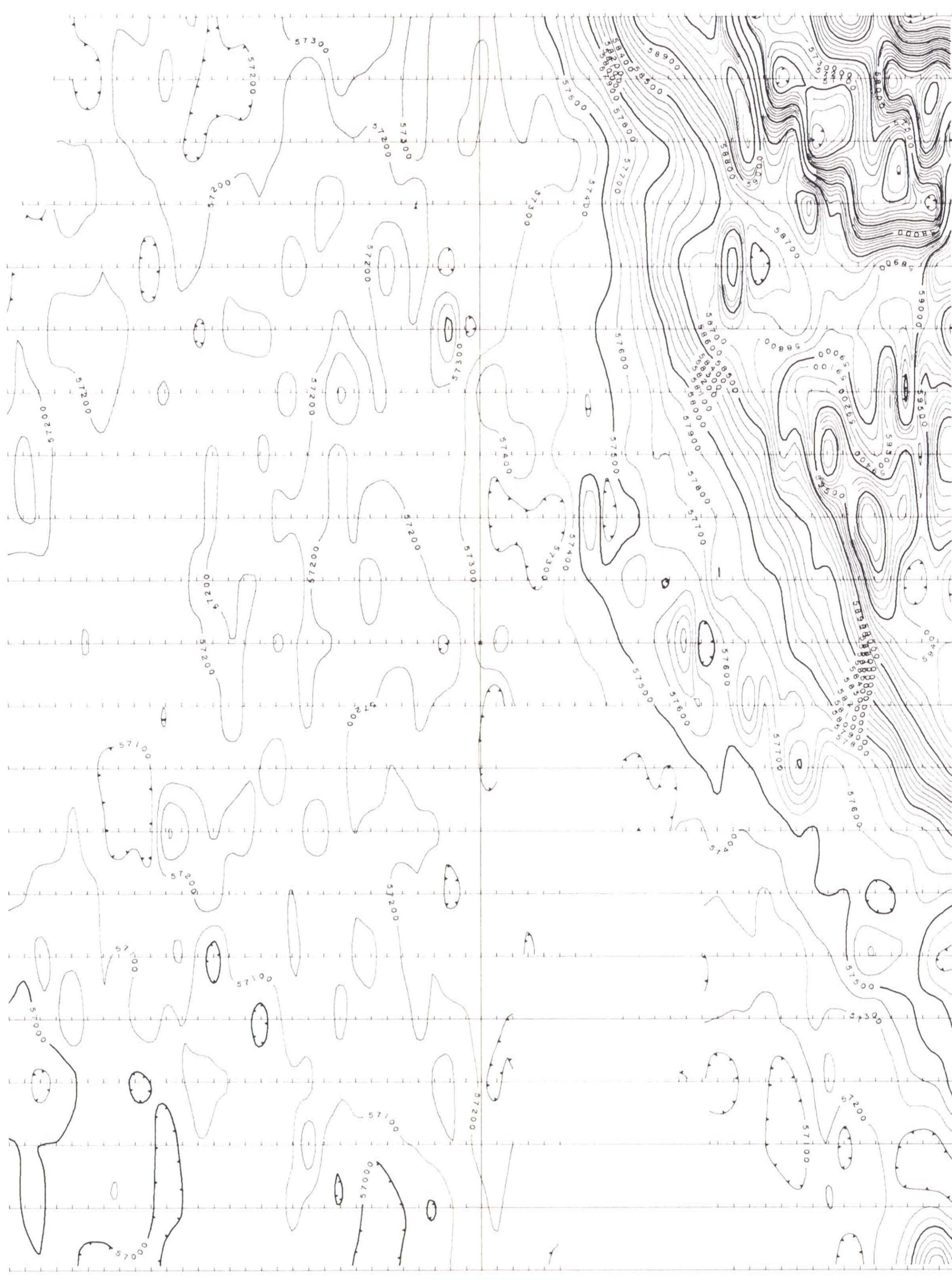
GUNS GOLD PROPERTY	
FOR: BEACON HILL CONSULTANTS LTD.	
SOIL GEOCHEMISTRY	
ZINC - COPPER	
LILLOOET M.O., B.C.	
BY: COOKE GEOLOGICAL CONSULTANTS LTD.	
N.T.S.: 92J / 15K	DATE: DECEMBER 1987
PLOTTED BY: RPM HAPPING	FIGURE NO. 7

ZINC CONTOUR INTERVAL: 25 PPM  
ZINC AND COPPER VALUES IN PPM  
SAMPLE LOCATION POINT AT CENTRE OF TEXT STRING



1600W 1400W 1200W 1000W 800W 600W 400W 200W 0E

2000N  
1900N  
1800N  
1700N  
1600N  
1500N  
1400N  
1300N  
1200N  
1100N  
1000N  
900N  
800N  
700N  
600N  
500N  
400N  
300N  
200N  
100N  
0N

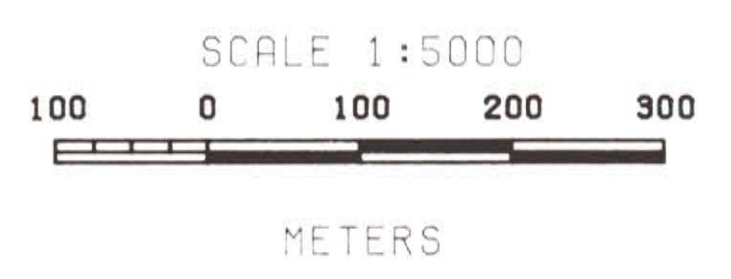


BASELINE

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CONTOUR INTERVAL: 100 GAMMAS



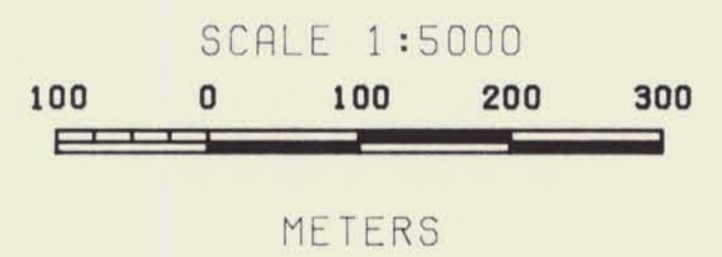
<b>GUNS GOLD PROPERTY</b>	
FOR: BEACON HILL CONSULTANTS LTD.	
<b>TOTAL MAGNETIC FIELD STRENGTH</b>	
LILLOOET M.D., B.C.	
BY: COOKE GEOLOGICAL CONSULTANTS LTD.	
N.T.S.: 92J / 15H	DATE: NOVEMBER 1987
PLOTTED BY: RPM MAPPING	FIGURE NO. 8





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<b>GUNS GOLD PROPERTY</b>	
FOR: BEACON HILL CONSULTANTS LTD.	
<b>VLF-EM FRASER FILTERED DIP ANGLES (CUTLER) WITH UNFILTERED DIP ANGLE AND FIELD STRENGTH READINGS</b> LILLOOET M.D., B.C.	
BY: COOKE GEOLOGICAL CONSULTANTS LTD.	
N.T.S.: 92J / 15W	DATE: NOVEMBER 1987
PLOTTED BY: RPM MAPPING	FIGURE NO. 9