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REPORT FILED UNDER: Polestar Exploration Inc.

DATE PERFORMED: June 5 - December 31, 1987 **DATE FILED:** January 25, 1988

LOCATION: **LAT.:** 61°07'N, 61°58'N **AREA:** Kluane Lake - White River

LONG.: 138°47'W, 139°45'W **VALUE $:** 22,400.00

CLAIM NAME & NO.:

I	1-56	YA95789-844
IV	1-20	YA95769-788
V	1-36	YA95733-768

WORK DONE BY: G.H. Giroux; J.H. Montegomery

WORK DONE FOR: Polestar Exploration Inc

DATE TO GOOD STANDING		**REMARKS:**
		#70 I
		#69 ONION

GEOLOGICAL, GEOPHYSICAL AND GEOCHEMICAL REPORT ON THE I, IV AND V MINERAL CLAIMS WHITEHORSE MINING DIVISION NTS 115/G/2, and 115/F/16, 115/F/15 YUKON TERRITORY

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OFFICE OF THE REGIONAL MANAGER
MINERAL RIGHTS
JAN 2 5 1988
WHITEHORSE
YUKON TERRITORY

on behalf of

POLESTAR EXPLORATION INC.
Vancouver, B.C.

by

G.H. Giroux, P.Eng.

J.H. Montgomery, Ph.D., P.Eng.

January 5, 1988

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. H. GIROUX

092092

This report has been ex... ...
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of $ 22,400.00 .

T. J. Bremner

for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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1.0 SUMMARY AND CONCLUSIONS

Polestar holds title to 112 claims located near Kluane Lake, Yukon Territory in Whitehorse Mining District.

During the 1987 field season, geological, geochemical and geophysical surveys were conducted over the claims.

The mafic-ultramafic belt which is related to the copper-nickel mineralization at Wellgreen and Canalask deposits was shown to be present on all three claim blocks.

Mineralization found on the claims consists of disseminated pyrite, pyrrhotite, minor chalcopyrite and anomalous values in gold (110-920 ppb), platinum (65-204 ppb) and palladium (80-365 ppb).

On the I claims, four Class A gold anomalies and four Class A platinum-palladium anomalies were detected. On the IV claims, three Class A gold anomalies and six Class A platinum-palladium anomalies were found. On the V claims, a large Class A palladium-platinum soil anomaly about 700 meters by 100 meters was found. In rock, Class A gold anomalies have values ranging from 110 to 920 ppb gold, Class A platinum anomalies have values ranging from 65 to 204 ppb platinum and Class A palladium anomalies range from 80 to 365 ppb palladium. In soils, Class A platinum anomalies have values ranging from 39 to 103 ppb platinum and Class A palladium anomalies have values from 27 to 103 ppb palladium.

Recommendations are made to do detailed mapping and sampling of all Class A anomalies on the I claims and to extend grid lines to check for mineralization outside ultramafic belt and for additional ultramafic belts. On the IV claims, Class A anomalies should be detailed, lines extended and a detailed grid completed over the southern end of the property. On the V claims, the linear Class A palladium-platinum soil anomaly should be drilled. As well, a detailed grid should be completed at the northend of

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the claims. Any addtional or confirmed anomalies on each of the claim blocks should also be tested by drilling.

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2.0 INTRODUCTION

The I, IV and V groups of mineral claims are held by Polestar Exploration Inc. of 701 - 675 West Hastings Street, Vancouver, British Columbia V6B 1N2. They are located near Kluane Lake, Yukon Territory in Whitehorse Mining District.

This report describes all of the work done on the properties during 1987. The work consisted of geological mapping, magnetometer surveys and rock soil geochemistry.

Initial work was done during the period June 18, 1987 to July 17, 1987 and additional follow-up work was done during the period August 18, 1987 to September 22, 1987. The initial work was done with a field crew of six under the supervision of J.H. Montgomery and the follow-up work with a crew of two under the supervision of G. E. Montgomery.

Statististical analysis was done on both rock and soil samples by G. H. Giroux and compilation of data for report and evaluation was done by J. H. Montgomery, G. H. Giroux and G. E. Montgomery.

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3.0 LOCATION AND ACCESS

The I, IV and V claims of Polestar Exploration Inc. are located near Kluane Lake about 230 km northwest of Whitehorse, Yukon Territory (see Figure 3-1 and 3-2).

The I claims are located about 9 kilomters southwest of Kluane Lake. The area may be reached by helicopter from Burwash Landing or Destruction Bay. In addition, a low-grade FWD road follows Nines Creek Valley to the claim area. This road needs some repair work to be usable and probably some extension to be more useful. During high water periods, this route would be impassable.

The I claims lie at elevations ranging from 1200 meters to 1900 meters. Most of the claim-area is above timberline.

The IV claims are located on the southwest side of Alaska Highway north of White River. The area is reached by helicopter from White River.

The IV claims lie at elevations ranging from 760 meters to 1500 meters. The northern part of the claim block is located above timberline and the southern part is treed with moderate to heavy growths of spruce and pine.

The V group is located on the southwest side of Alaska Highway south of White River. The area may be reached by helicopter from White River. In addition, a dirt road runs from the Alaska Highway to the Canalask property. From there, an old winter road runs south to the claim-area. This track needs some repair work to make it usable for drilling access.

The V claims lie at elevations ranging from 900 meters to 1400 meters. The upper part of the claims is above timberline (1200 meters) and the lower part is treed with spruce and pine.

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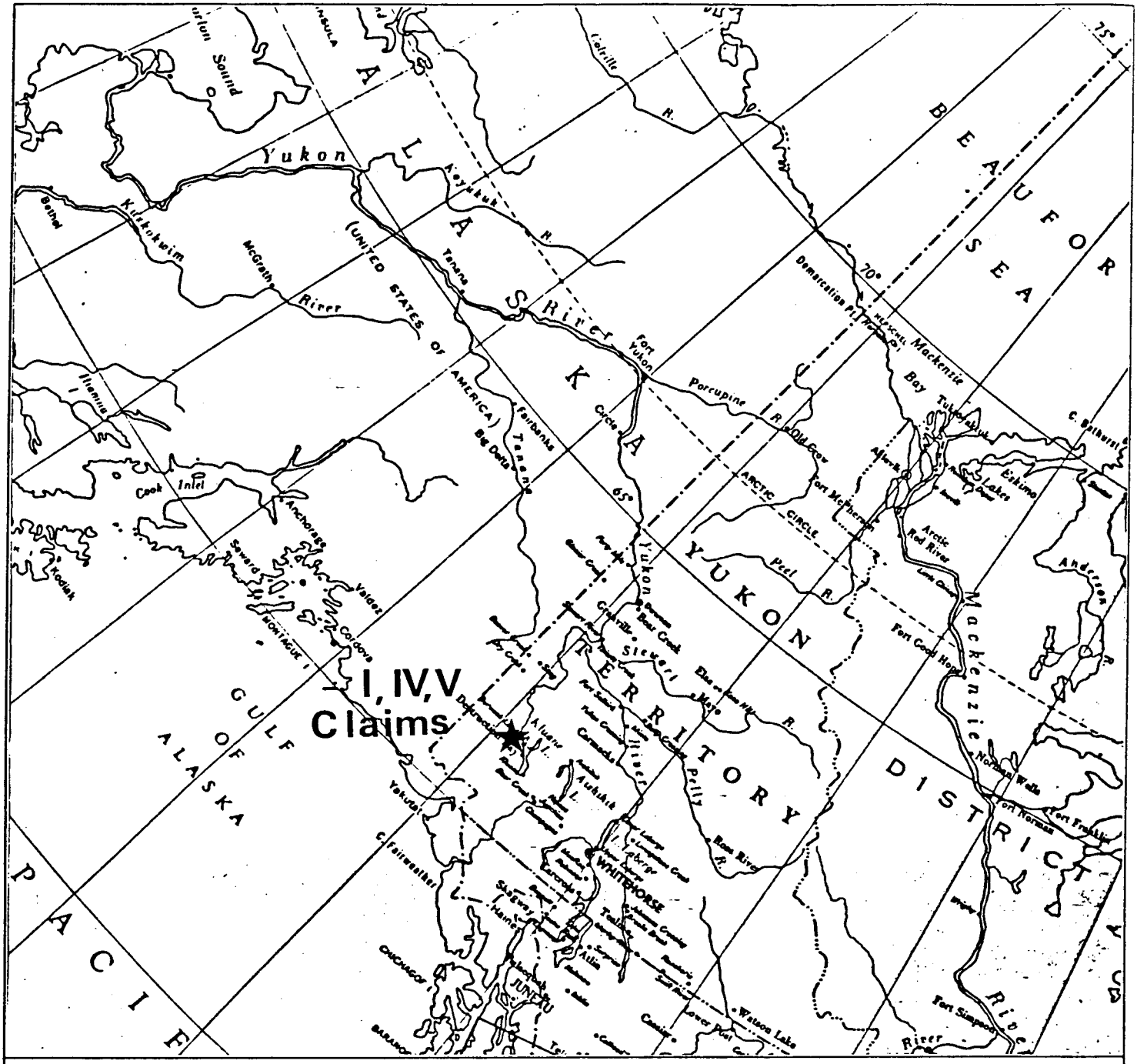

FIGURE 3-1

POLESTAR EXPLORATION INC.

YUKON

PROJECT # 87PS5

LOCATION MAP

SCALE 1: 10000001.

0 833333. 1666666. 2500000. FT.

MONTGOMERY CONSULTANTS LIMITED

MARCH 20, 1987

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4.0 CLAIM INFORMATION

Polestar Exploration Inc. holds title to the I1-I56, IV1-IV20 and V1-V36 mineral claims all located in Whitehorse Mining District, Yukon Territory. Relevant claim information is listed in the following table:

CLAIM		GRANT NUMBER	REC. DATE	EXP. DATE
I 1-56	(56)	YA95789-844	Aug. 12/86	Aug. 12/89
IV 1-20	(20)	YA95769-788	Aug. 12/86	Aug. 12/89
V 1-36	(36)	YA95733-768	Aug. 12/86	Aug. 12/89

112 claims

Applications to group were made as follows on August 6, 1987:

GRANT NOS.	CLAIM	LOCATION	SHEET NO.
YA95733-YA95748	V 1-V16	Whitehorse	115-F-15/16
YA95749-YA95764	V17-V32	Whitehorse	115-F-16
YA95765-YA95768	V33-V36	Whitehorse	115-F-16
YA95769-YA95784	IV1-IV16	Whitehorse	115-F-15
YA95785-YA95788	IV17-IV20	Whitehorse	115-F-15
YA95789-YA95804	I1-I16	Whitehorse	115-G-2
YA95805-YA95820	I17-I32	Whitehorse	115-G-2
YA95821-YA95836	I33-I48	Whitehorse	115-G-2
YA95837-YA95844	I49-I56	Whitehorse	115-G-2

Form "C" Applications for Certificates of Work were submitted to the Mining Recorder's office in Whitehorse, Y.T. on August 6, 1987. A total of two years of work was recorded on each of the claims.

The locations of the claims are shown in Figure 4-1 (I claims), Figure 4-2 (IV claims) and Figure 4-3 (V claims). The claims have not been surveyed and therefore, locations are approximate.

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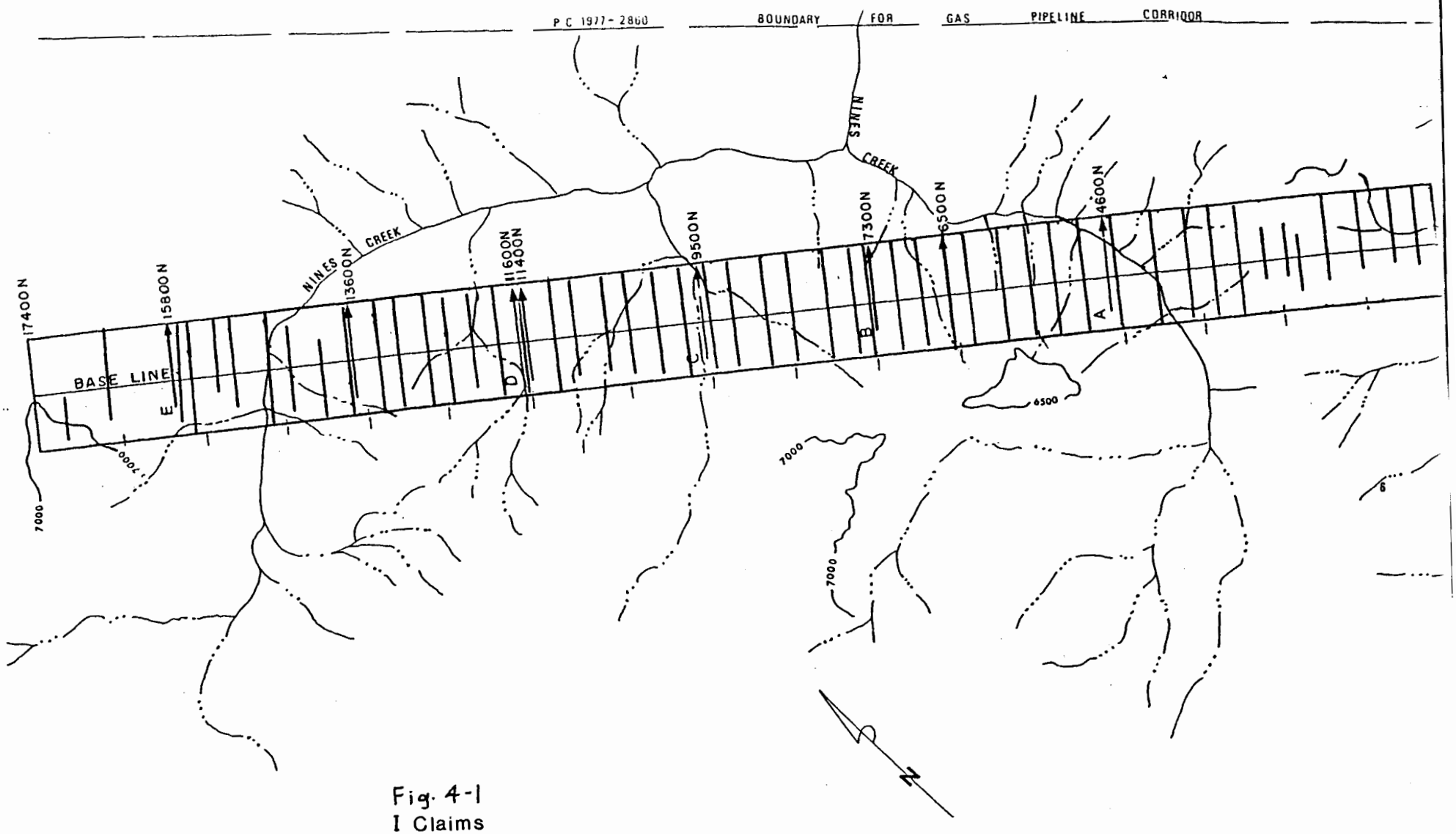

Fig. 4-1
I Claims
POLESTAR EXPLORATION INC

SCALE 1:31680

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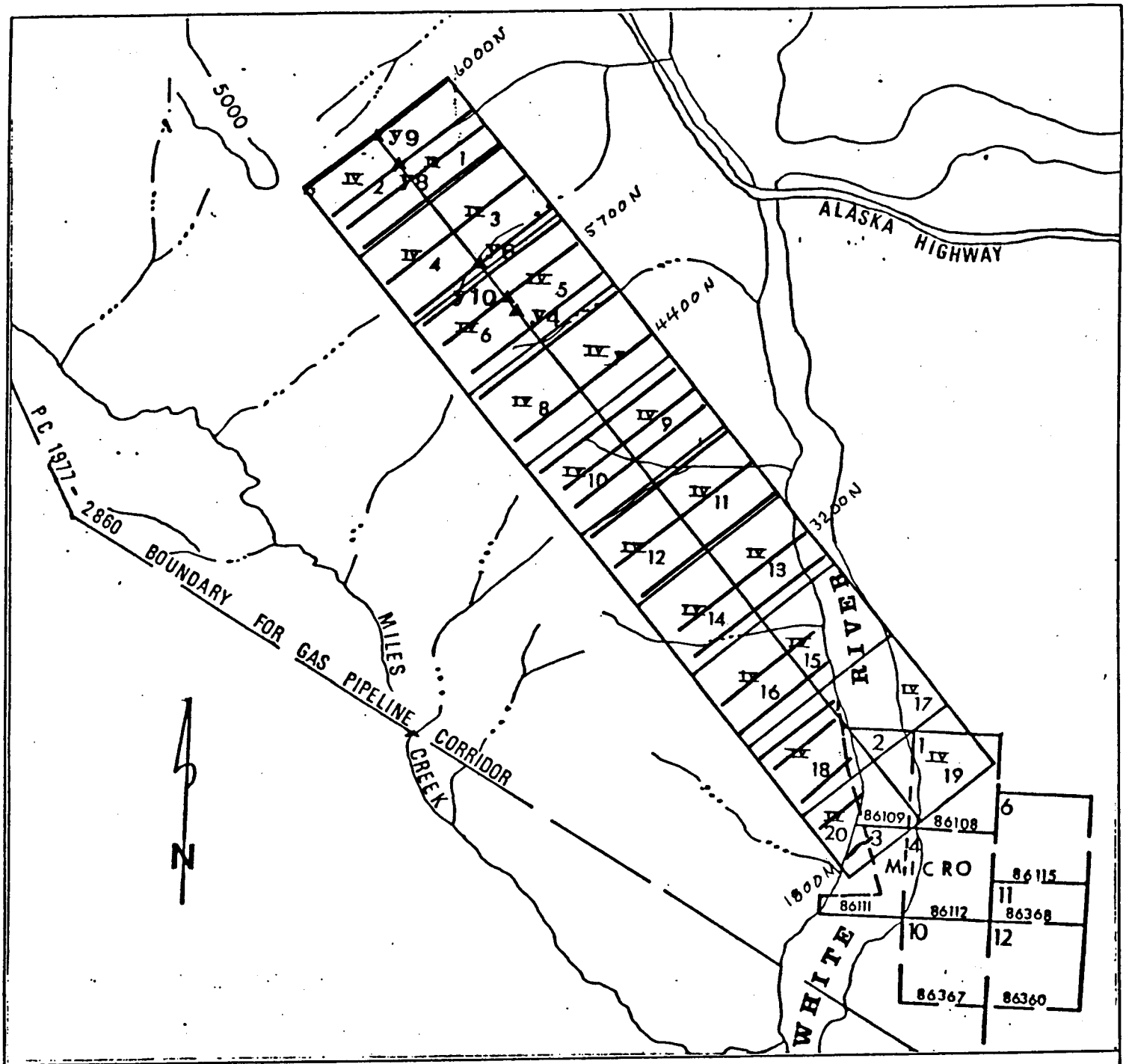

FIGURE 4-2

POLESTAR EXPLORATION INC.

YUKON

PROJECT # 87PS5

CLAIM MAP - IV CLAIMS

SCALE 1: 39600.

0 3300. 6600. 9900. FT.

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MARCH 20, 1987

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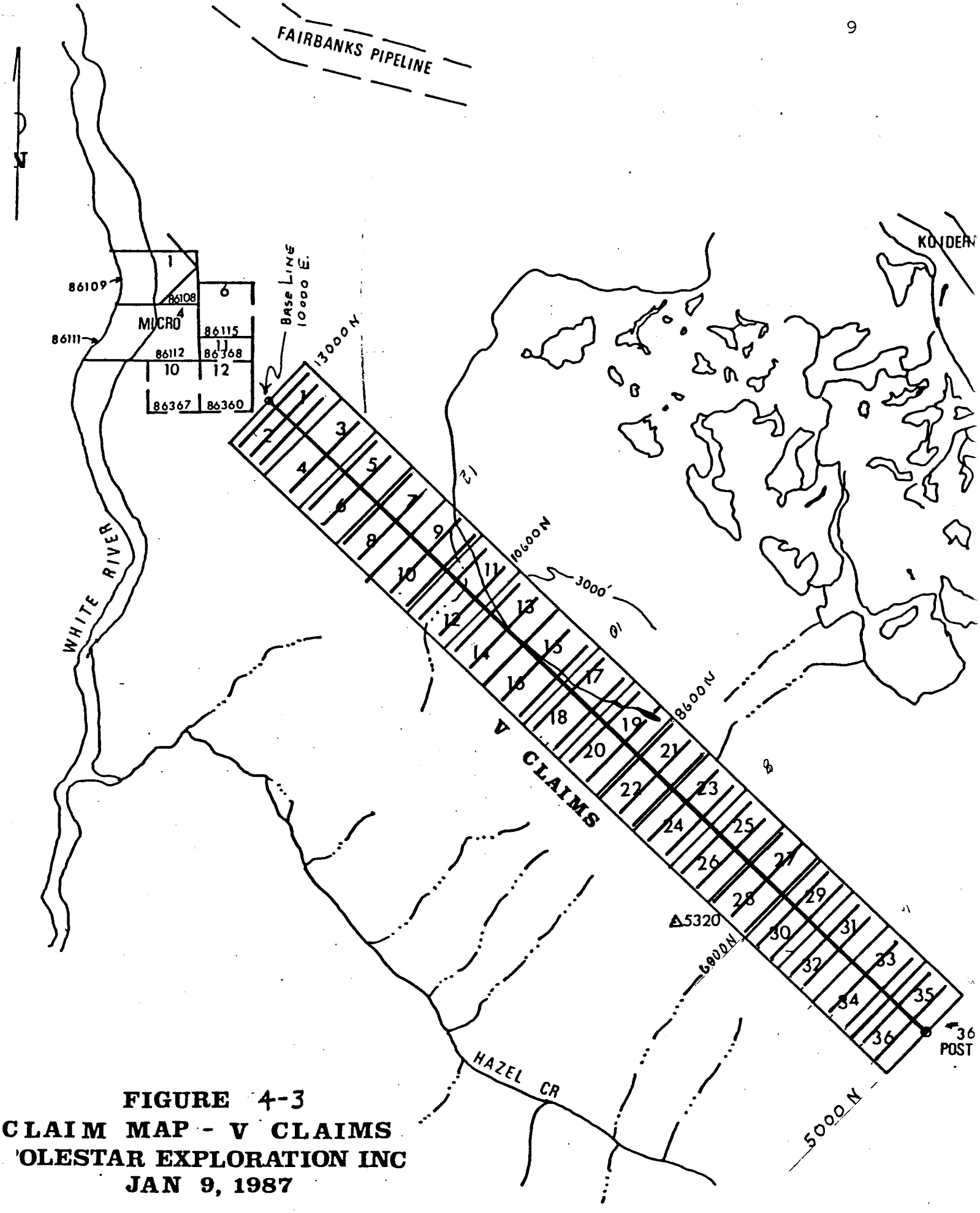

FIGURE 4-3
CLAIM MAP - V CLAIMS
POLESTAR EXPLORATION INC
JAN 9, 1987

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5.0 GEOLOGY

5.1 General Introduction

The regional geology of the area has been mapped by Muller (1958), Evanchuck, et al (1987), Campbell (1976) and others. Figure 5-1 and 5-2 show relevant portions of Muller's map.

The belt of ultramafic and mafic rocks runs from Slims River north to White River and beyond, a distance of more than 190 kilometers. It occurs in the Kluane Range, part of the front ranges of St. Elias Mountains.

The ultramafic/mafic rocks intrude the upper part of a Lower Permian volcaniclastic-sedimentary sequence and Triassic volcanics which lie between the Skakwak Fault (Denali Fault) to the northeast and the Duke River Fault to the southwest. Both of these major faults trend northwesterly.

Compositions of the ultramafic complex range from gabbro to peridotite and dunite.

The ultramafic rocks have been altered almost entirely to serpentine but Campbell (1976) has recognized dunite (mainly olivine), harzburgite (60-70% olivine, 25% orthopyroxene), Lherzolite (55% olivine, 15% orthopyroxene, 25% clinopyroxene), werhlite (50% olivine, 50% Clinopyroxene). She also described a layering with a basal dunite exhibiting cumulate texture. It then grades upward from harzburgite to werhlite.

The mafic rocks are gabbros or olivine gabbros which also show intense alterations: serpentinization, saussuritization and uralitization. Campbell (1976) states that the original composition was about 35% each of plagioclase and clinopyroxene and 15% each of olivine and orthopyroxene.

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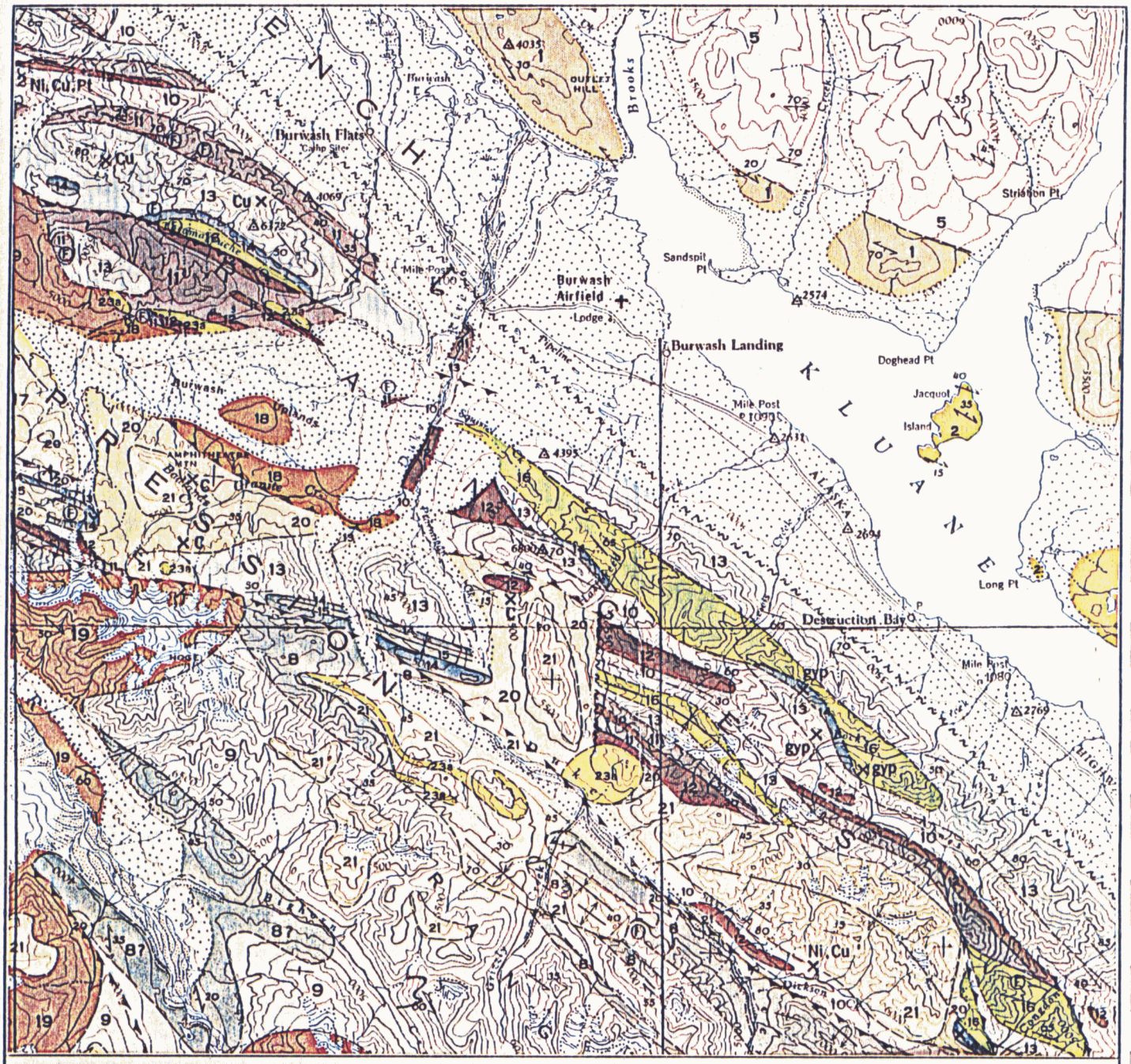

FIGURE **5-1**

POLESTAR EXPLORATION INC.

YUKON

PROJECT # 87PS5

GEOLOGY MAP - I CLAIMS

SCALE 1: 253440.

0 4. 8. 12. Miles

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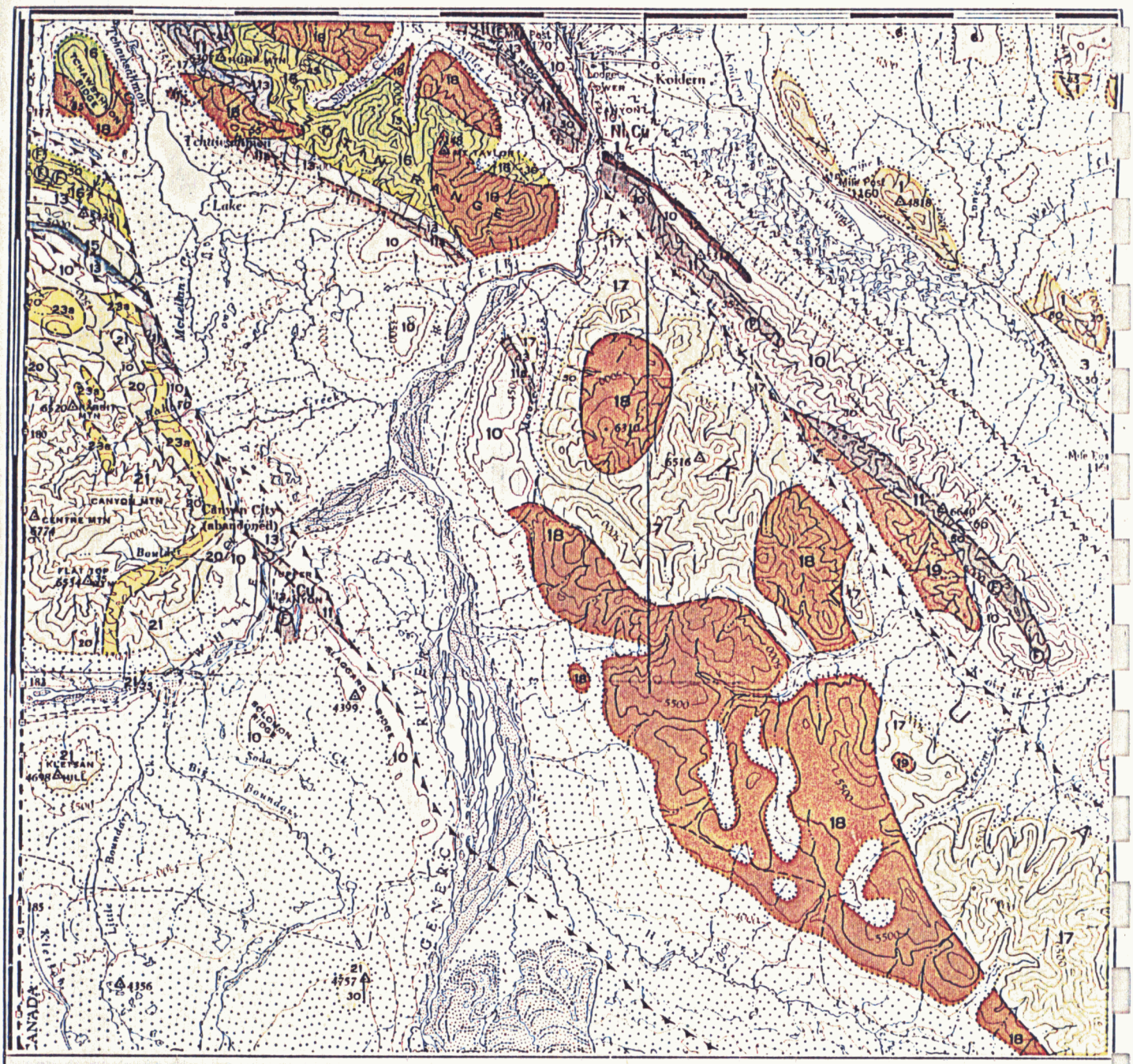

FIGURE **5-2**

POLESTAR EXPLORATION INC.

YUKON

PROJECT # 87PS5

GEOLOGY MAP - IV and V CLAIMS

SCALE 1: 253440.

0 4. 8. 12. Miles

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MARCH 20, 1987

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LEGEND

FORMATIONS OF THE ST. ELIAS MOUNTAINS

CENOZOIC

TERTIARY

PALEOCENE AND LATER

23 — **23a**, *porphyritic latite, trachyte, rhyolite;* **23b**, *gabbro*

ST. CLARE GROUP

21,22 — **21**, *Red-brown basalt and andesite, massive or vesicular agglomerate, breccia, tuff*
22, *Volcanic-boulder gravel and volcanic conglomerate, minor tuff, sandstone, shale, lava*

PALEOCENE OR EOCENE

20 — *AMPHITHEATRE FORMATION: sandstone, sand, conglomerate, gravel, shale, coal*

CRETACEOUS AND(?) TERTIARY

19 — *Icefield Ranges intrusions: alaskite, granite, granodiorite, porphyritic rhyolite; intimately mixed with 17*

CRETACEOUS AND(?) EARLIER

18 — *Kluane Ranges intrusions: hornblende-biotite granodiorite, quartz diorite,. diorite*

17 — *Migmatized volcanic rock, hornfels, quartz-mica schist, augen gneiss, marble; minor granitic rock. May be in part Palaeozoic*

MESOZOIC

JURASSIC AND CRETACEOUS

UPPER JURASSIC AND LOWER CRETACEOUS

DEZADEASH GROUP

16 — *Argillite, greywacke and conglomerate with graded bedding, thin limestone bands; banded hornfels near intrusions*

TRIASSIC

UPPER TRIASSIC

MUSH LAKE GROUP

15 — *Thin bedded shaly limestone, calcareous and silty shale*

14 — *Limestone, commonly brecciated; gypsum*

13 — *Basalt and andesite, mainly amygdaloidal, purple and green; minor interbedded shale, argillite, greywacke, silty limestone, chert, conglomerate. May be in part pre-Upper Triassic.*

PERMIAN AND/OR TRIASSIC

12 — *Peridotite, gabbro; minor banded chert*

PALAEOZOIC

PERMIAN AND (?) EARLIER

LOWER PERMIAN AND(?) EARLIER

CACHE CREEK GROUP

11 — *Argillite, sandstone, grit, conglomerate, limestone, chert;* **11a**, *limestone*

10 — *Propylitic basic lava, banded cherty tuff, volcanic breccia, chlorite schist; minor greywacke, argillite, limestone. May include some 9 and 13*

DEVONIAN AND/OR MISSISSIPPIAN

9 — *Greenstone, schistose greywacke, quartzite, slate, phyllite; minor sheared conglomerate, marble. May include some of 16*

DEVONIAN

MIDDLE AND UPPER DEVONIAN

KASKAWULSH GROUP

8 — *Marble, argillite; minor phyllite, greenstone*

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Campbell states that the mafic intrusions occur along the contacts of ultramafic rocks, as concordant bodies near the Permian-Triassic disconformity and as small discordant bodies within the Triassic flows.

Mineralization at Wellgreen and Canalask consists of copper, iron and nickel sulfides associated spatially with the mafic and ultramafic rocks. The minerals present include pyrrhotite, pentlandite, chalcopyrite and locally pyrite, sphalerite and galena.

Mineralization by sulfides occurs in massive sulfide bodies along gabbro/sediment contacts, in stringer to disseminated zones in adjoining sediments, in disseminated zones in gabbros and weakly disseminated in peridotites.

5.2 Geology - I Group

The geology of the I claims was mapped on a reconnaissance basis using the established grid for base map control. The results are shown in Figure 5-3.

A belt of mafic-ultramafic rock trends northwesterly along the claim block. The belt is discontinuous and ranges in width from 20 meters to 300 meters. In some areas, there are two subparallel belts with interleaved sedimentary sections. Mineralization observed conists of pyrite, pyrrhotite and minor chalcopyrite. Anomalous values in nickel, gold, paltinum and palladium were detected geochemical rock samples.

5.3 Geology - IV Group

The geology of the IV claims was mapped on a reconnaissance basis using the established grid for control. The results are shown in Figure 5-4.

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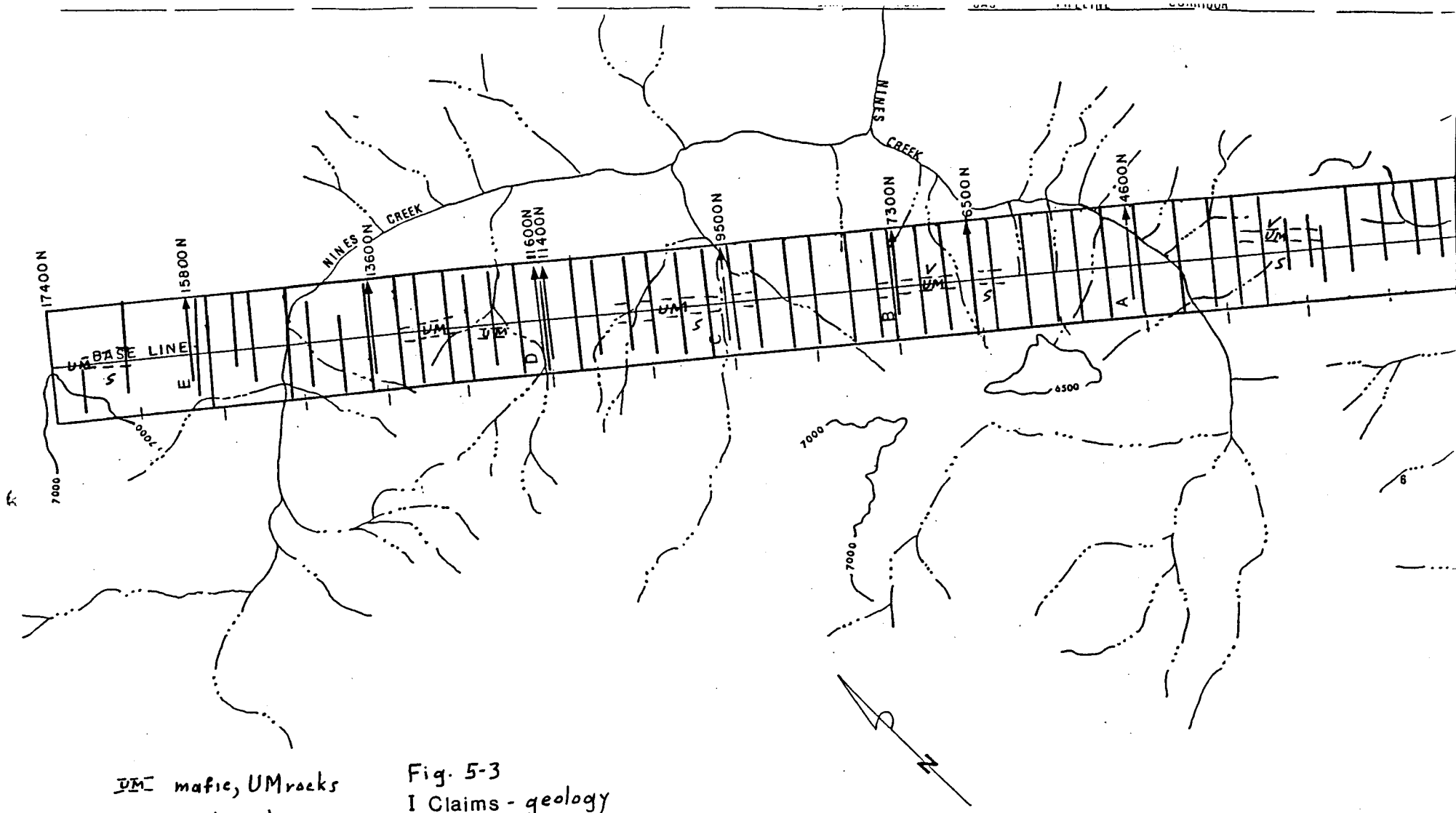

Fig. 5-3
I Claims - geology
POLESTAR EXPLORATION INC

SCALE 1:31680

KLAUNE NATIONAL PARK BOUNDARY

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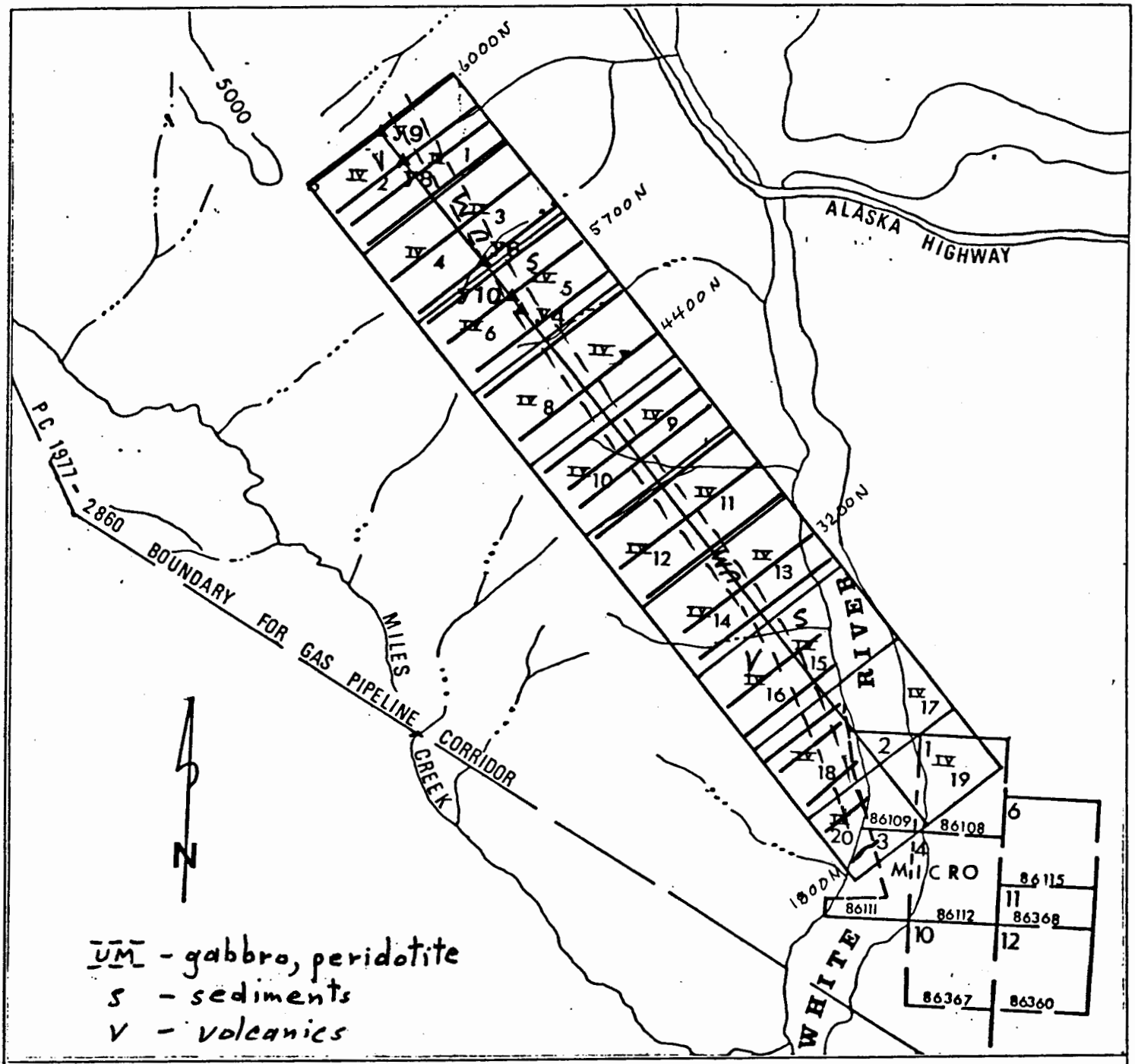

FIGURE 5-4

POLESTAR EXPLORATION INC.

YUKON

PROJECT # 87PS5

GEOLOGY - IV CLAIMS

SCALE 1: 39600.

0 3300. 6600. 9900. FT.

MONTGOMERY CONSULTANTS LIMITED

MARCH 20, 1987

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A well-defined belt of mafic-ultramafic rocks trends northwesterly along the entire claim block. The belt is continous. Aukeritic carbonate containing mariposite is found along the eastern contact. The belt appears to be almost vertical. It is in contact with a sedimentary sequence on the west and a volcanic sequence on the east.

The belt ranges in width from 100 to 300 emters. Mineralization consists of disseminated pyrite, pyrrhotite and minor chalcopyrite. Anomalous values in gold, platinum and palladium were also detected.

5.4 Geology - V Group

The geology of the V claims was mapped on a reconnaissance basis using the established grid. The results are shown in Figure 5-5.

A belt of mafic-ultramafic rocks trends northwesterly across part of the claims. The belt is largely infered by geophysical data (magnetometer). It appears to be 2700 feet long and ranges from 100 to 500 meters in width. It also appears to be split at the north end into two or three subparallel belts. Ankeritic carbonate is found along the eastern contact. The complex has intruded mainly a volcanic sequence.

Mineralization consists of pyrite, pyrrhotite and minor chalcopyrite with geochemcially anomalous gold, platinum and palladium.

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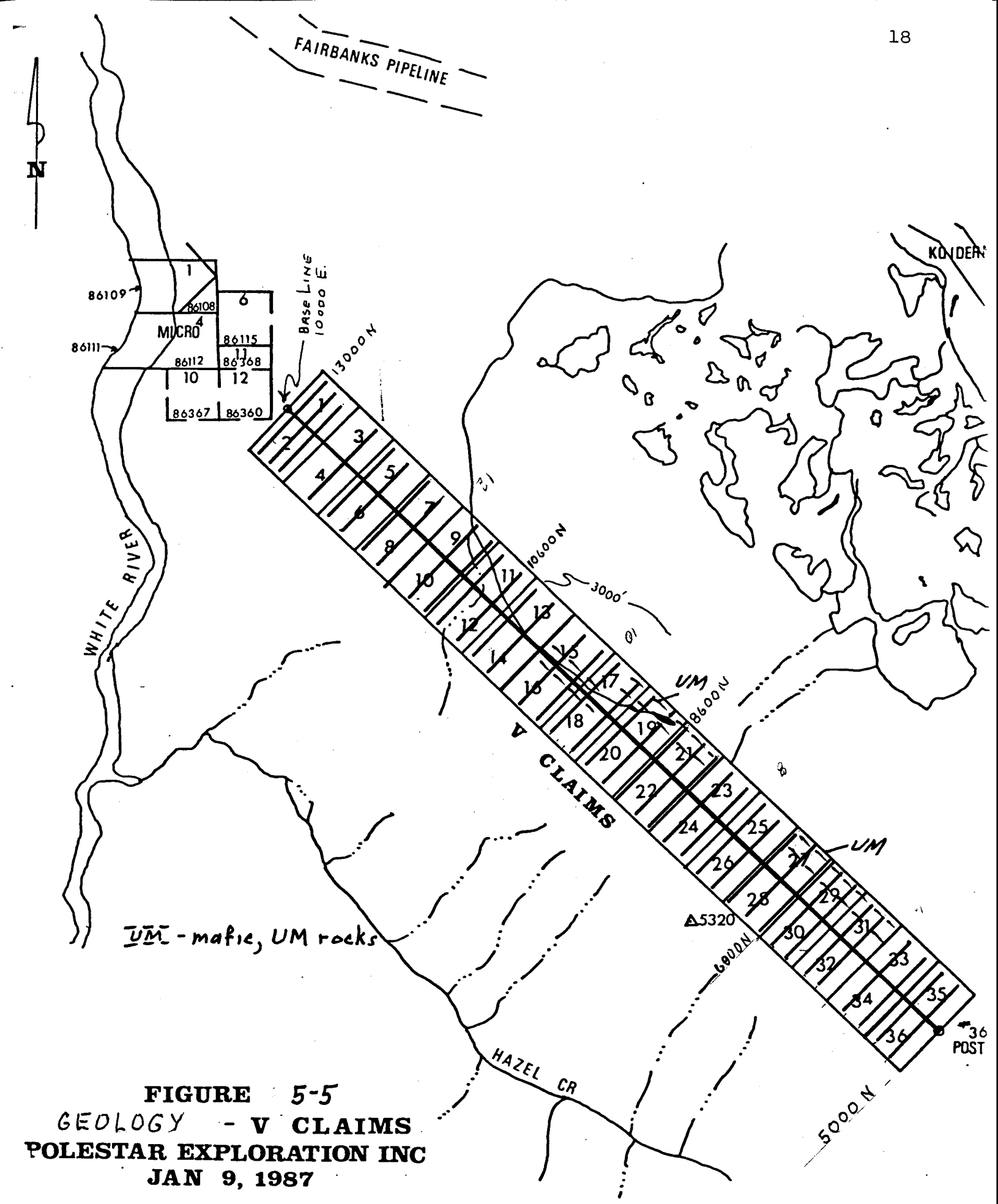

FIGURE 5-5
GEOLOGY - **V CLAIMS**
POLESTAR EXPLORATION INC
JAN 9, 1987

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6.0 GEOCHEMISTRY

6.1 General Introduction

A total of 695 rock samples and 383 soils amples were taken on reconnaissance and detail grids for geochemical analysis.

Rock samples were taken where outcrop exposures permitted. The samples were taken as rock chips from within a two-meter radius and collected in kraft envelopes designed for the purpose. Samples were shipped to Min-En Laboratories in Vancouver, B.C. where they were analyzed for copper, nickel, gold, platinum and palladium. The samples were crushed, split and ground to -80 mesh. Copper and nickel were analyzed by digestion in multi-acid solution and finished by atomic absorption. Gold, platinum and palladium were analyzed by fire assay.

A complete statistical analysis was made for both rock and soil samples. The results of this study are given in the following sections. The geochemical analytical data are given in Appendix I.

6.2 Statistical Analysis

A. rock Geochemistry

A total of 695 rock samples were taken from the I, IV and V claims and analyzed for copper, nickel, gold, platinum and palladium.

Table I shows Simple Statistics-Arithmetic for each of the elements. Of particular interest are the mean values and corresponding highest values for each of the elements.

Table II shows Simple Statistics-Log (base 10) Transformed for each of the elements. All of the elements show skewed arithmetic distributions and consequently, log histograms were also produced and the log values were used for partitioning of cumulative percent curves.

Table III shows a Correlation Matrix for all elements. The best

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POLESTAR EXPLORATION LTD. KLUANE PROPERTY

I, IV, V GRIDS - ROCK SAMPLES

SIMPLE STATISTICS

Element	Unit	n	Mean	Median	Standard Deviation	Lowest Value	Highest Value	Coef. of Var.
CU	ppm	695	131.6	64.0	711.8	2.0	16500.0	5.41
NI	ppm	695	484.0	116.0	607.2	1.0	2650.0	1.25
AU	ppb	695	10.4	3.0	43.7	1.0	920.0	4.20
PT	ppb	695	16.4	8.0	24.3	1.0	204.0	1.48
PD	ppb	695	16.8	6.0	31.7	1.0	365.0	1.88

NOTE - Coefficient of Variation = Standard Deviation / Mean

TABLE 1

POLESTAR EXPLORATION LTD. KLUANE PROPERTY

I, IV, V GRIDS - ROCK SAMPLES

SIMPLE STATISTICS

LOG (Base 10) Transformed

Element	Unit	n	Mean	Median	Standard Deviation	Lowest Value	Highest Value	Coef. of Var.
CU	ppm	695	1.7345	1.8062	.5019	.3010	4.2175	.29
NI	ppm	695	2.2048	2.0645	.7170	.0000	3.4232	.33
AU	ppb	695	.5867	.4771	.4898	.0000	2.9638	.83
PT	ppb	695	.8356	.9031	.6063	.0000	2.3096	.73
PD	ppb	695	.8033	.7782	.6051	.0000	2.5623	.75

NOTE - Coefficient of Variation = Standard Deviation / Mean

TABLE II

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POLESTAR EXPLORATION LTD. KLUANE PROPERTY

I, IV, V GRIDS - ROCK SAMPLES

CORRELATION MATRIX

	CU	NI	AU	PT	PD
CU	1.0000			-.0051	
NI	.0380	1.0000			
AU	.1606	.1018	1.0000		
PT		.4381	.3694	1.0000	
PD	.0882	.5290	.4670	.6358	1.0000

695 SAMPLE PAIRS ARE COMPLETE

SIGNIFICANT CORRELATION PAIRS FOR R(.01, 694) = .104

CORRELATION between AU and CU = .1606
CORRELATION between PT and NI = .4381
CORRELATION between PT and AU = .3694
CORRELATION between PD and NI = .5290
CORRELATION between PD and AU = .4670
CORRELATION between PD and PT = .6358

TABLE III

092092

correlations are between platinum and palladium (.6358), palladium and nickel (.5290), palladium and gold (.4670) and platinum and nickel (.4381). There is a very poor correlation between copper and nickel and copper and platinum/palladium.

092092

COPPER

Figures 6-1, 6-2 and 6-3 show respectively an arithmetic histogram, a log 10 histogram and a cumulative percent curve for copper in rock samples.

The arithmetic histogram shows a positively skewed distribution and the lognormal conversion shows several overlapping populations.

Partitioning by means of a cumulative percent probability plot has shown that three populations may be defined: a low background population with a mean of 8 ppm copper which probably represents unmineralized sedimentary or volcanic rocks; an intermediate population with a mean of 63 ppm copper which may be background for ultramafic and mafic rocks and an anomalous population which constitutes 5% of the data, has a mean of 421 ppm copper and probably represents copper (chalcopyrite) mineralization.

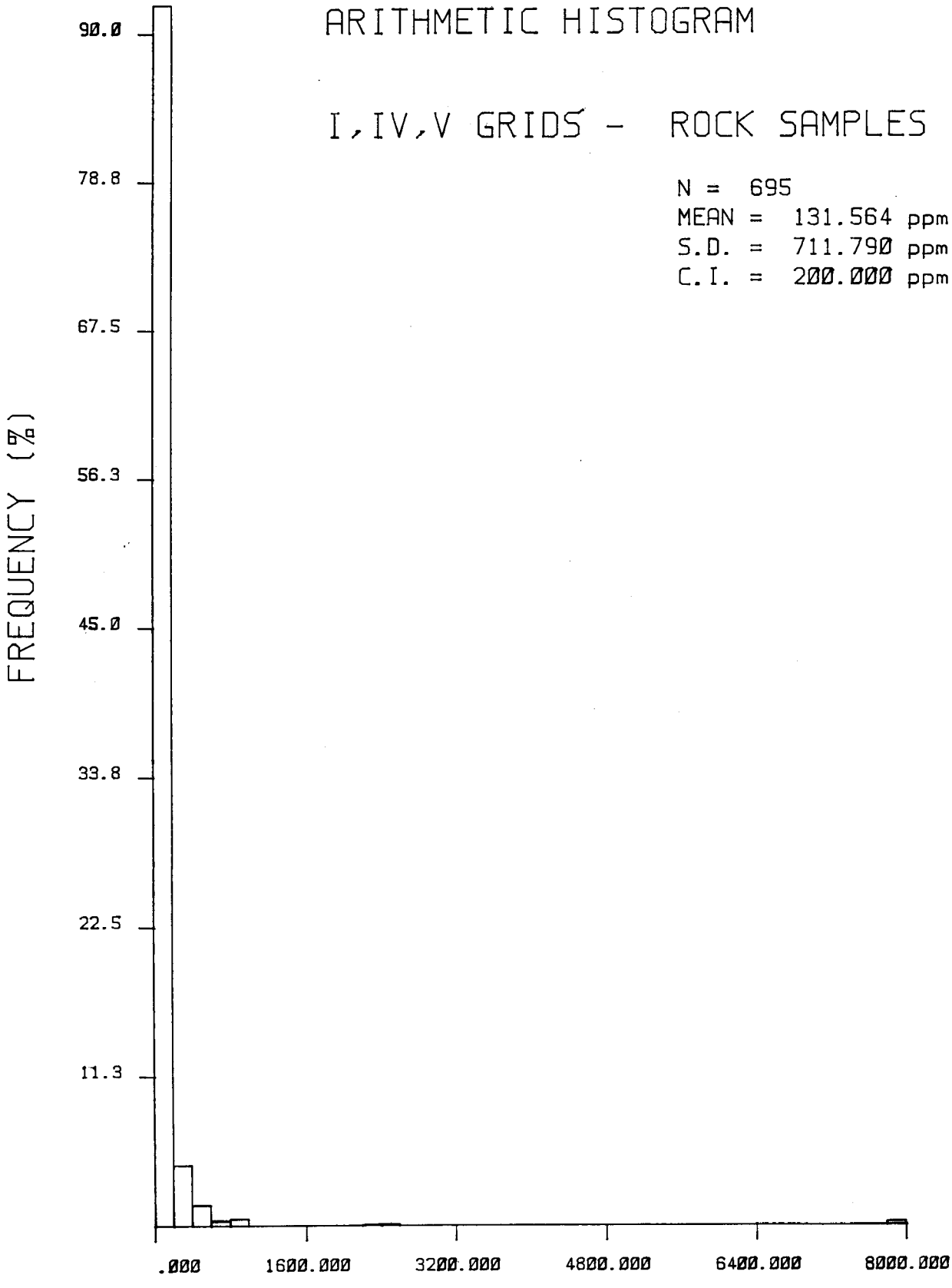
Threshold values of 200, 27 and 19 ppm will separate the populations effectively.

092092

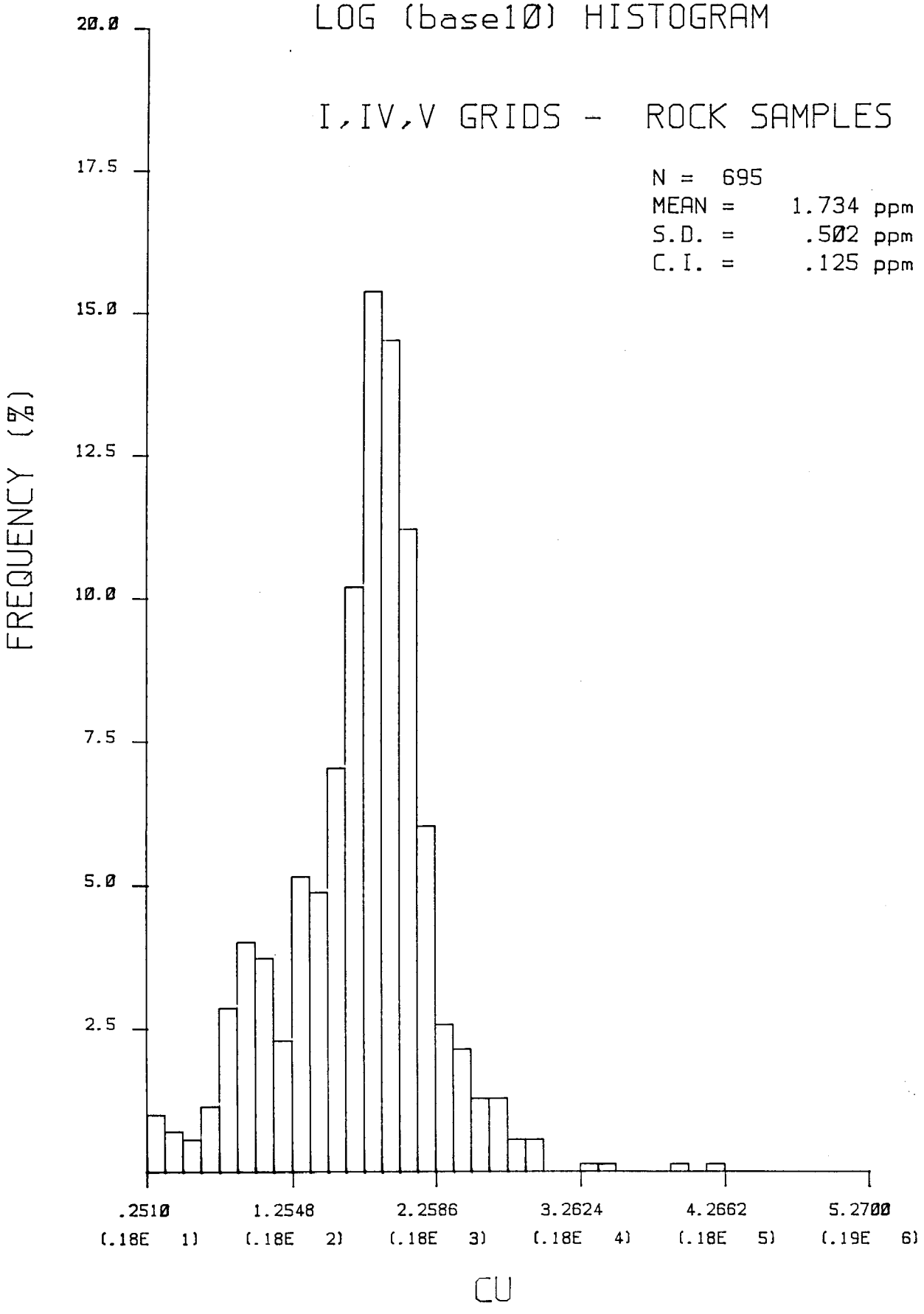
ARITHMETIC HISTOGRAM

I,IV,V GRIDS - ROCK SAMPLES

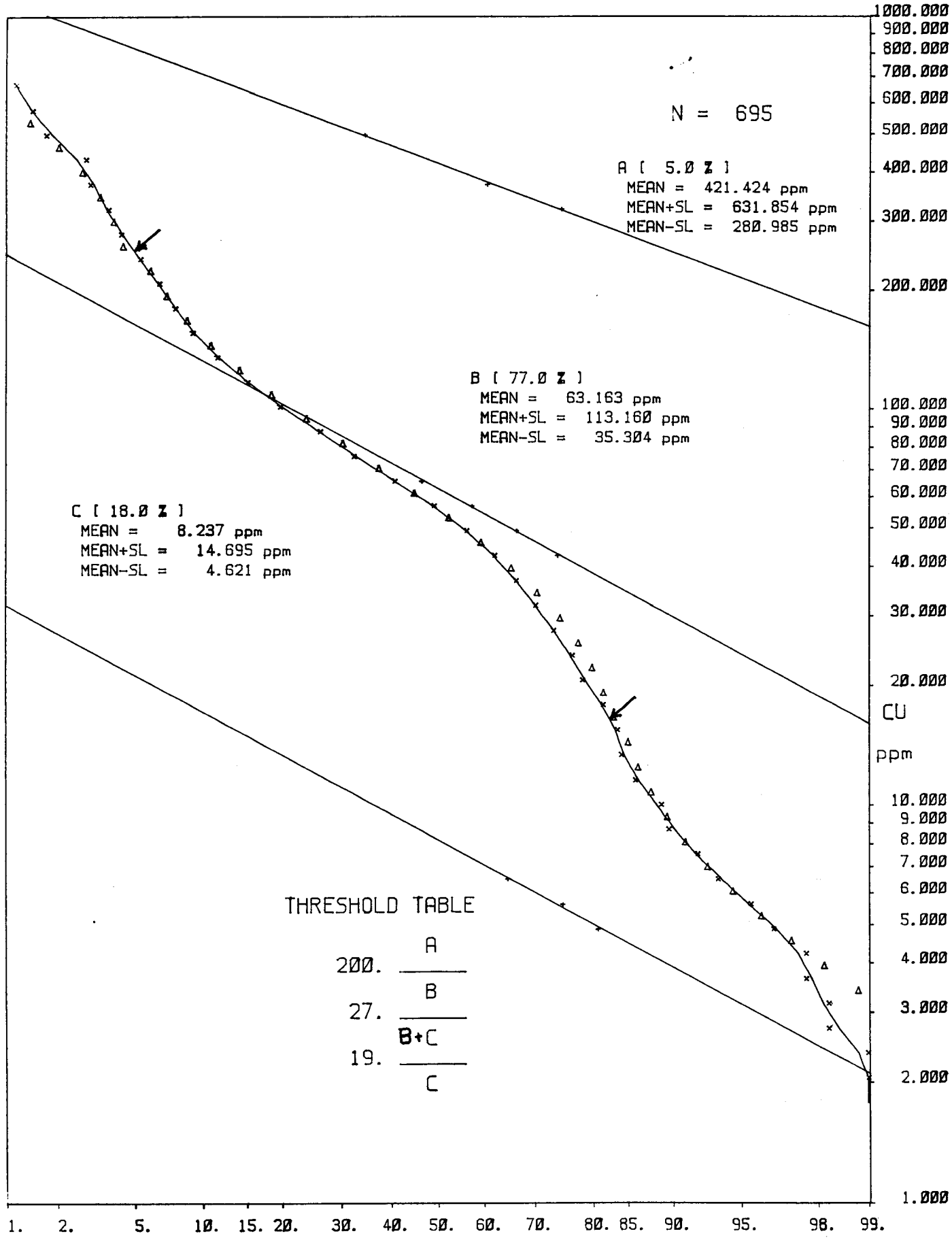
N = 695
MEAN = 131.564 ppm
S.D. = 711.790 ppm
C.I. = 200.000 ppm



092042


LOG (base10) HISTOGRAM
I,IV,V GRIDS - ROCK SAMPLES
N = 695
MEAN = 1.734 ppm
S.D. = .502 ppm
C.I. = .125 ppm
FREQUENCY (%)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
.2510 (.18E 1)
1.2548 (.18E 2)
2.2586 (.18E 3)
3.2624 (.18E 4)
4.2662 (.18E 5)
5.2700 (.19E 6)
CU

092092



I, IV, V GRIDS - ROCK SAMPLES

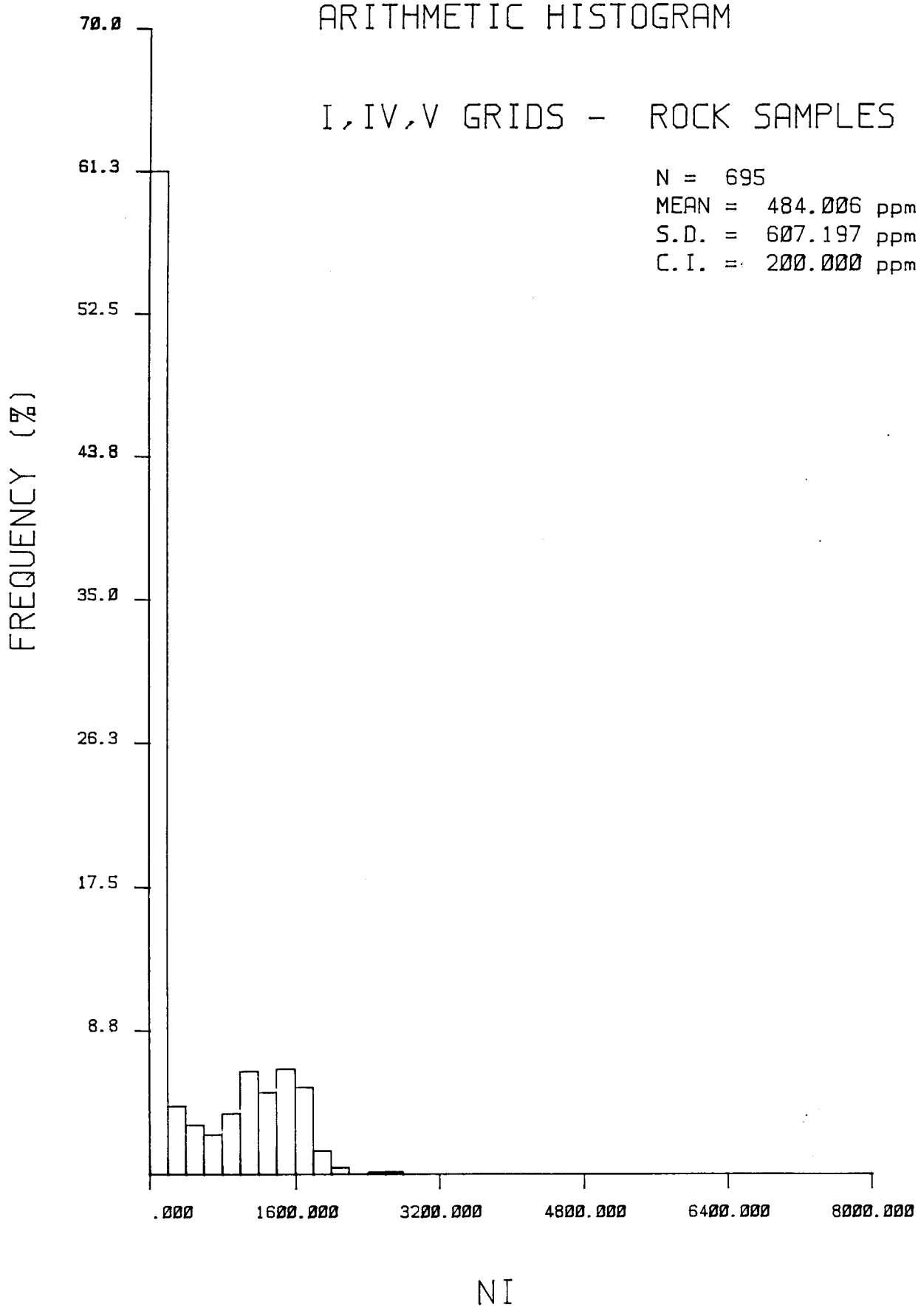
092052

NICKEL

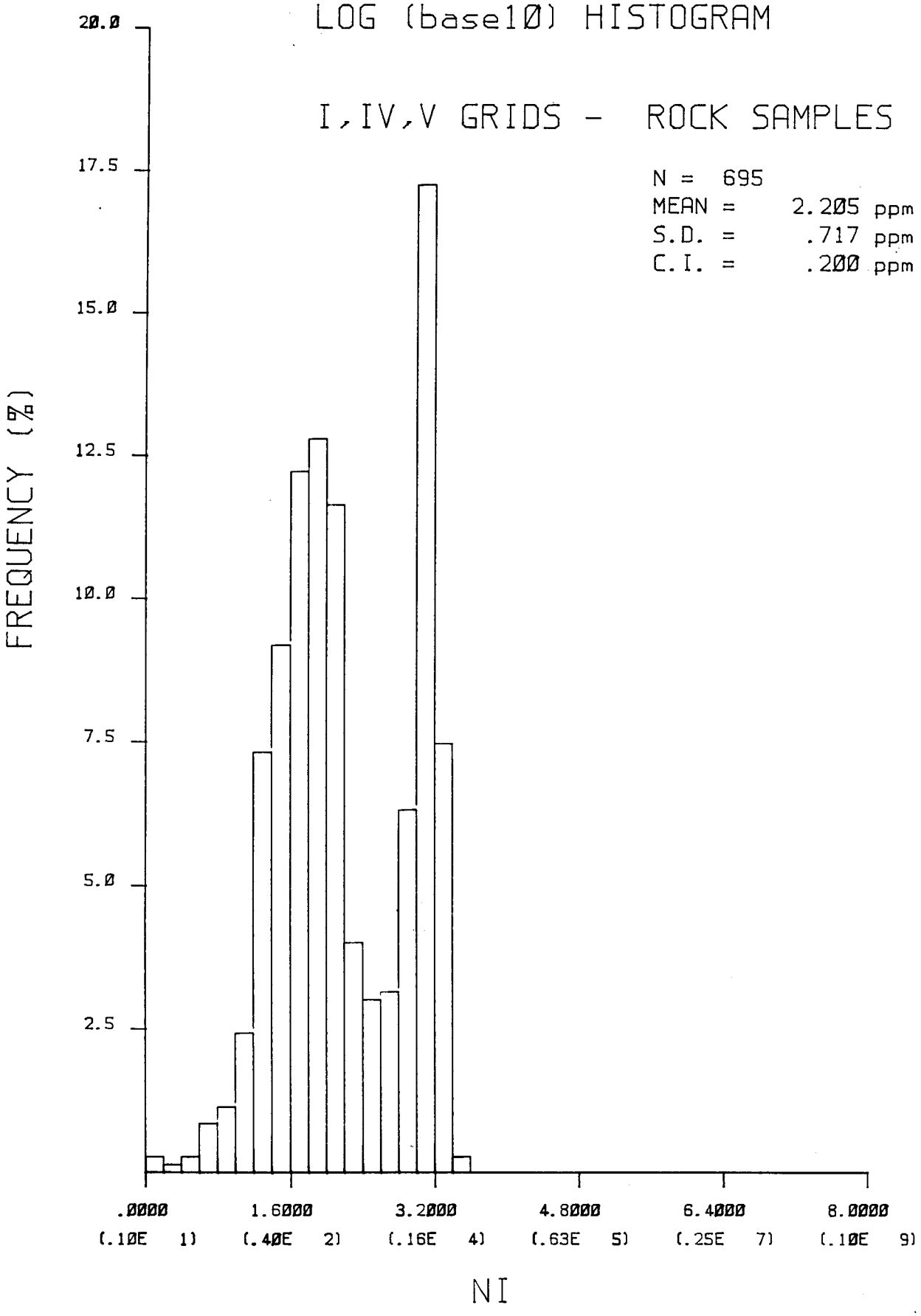
Figures 6-4, 6-5 and 6-6 show respectively an arithmetic histogram, a lognormal histogram and a cumulative percent curve for nickel in rock samples.

The arithmetic histogram shows a positively skewed distribution and the lognormal conversion shows several overlapping populations, the tail of a low grade population, a background population and an overlapping anomalous population. Partitioning by means of a cumulative percent probability plot has shown that three populations may be defined: a low background population (2.59%) with a mean of 4.3 ppm nickel and which may represent unmineralized sedimentary or volcanic rocks; an intermediate population (63.5%) with a mean of 54 ppm nickel and which may repr'esent ultramafic complex and an anomalous population (34%) with a mean of 662 ppm nickel which probably represents gabbro or peridotite possibly enriched in nickel. Additional samples with values greater than 1800 ppm nickel may represent nickel sulfide mineralization. These samples don't show in Figure 6-6 because of seale limitations.

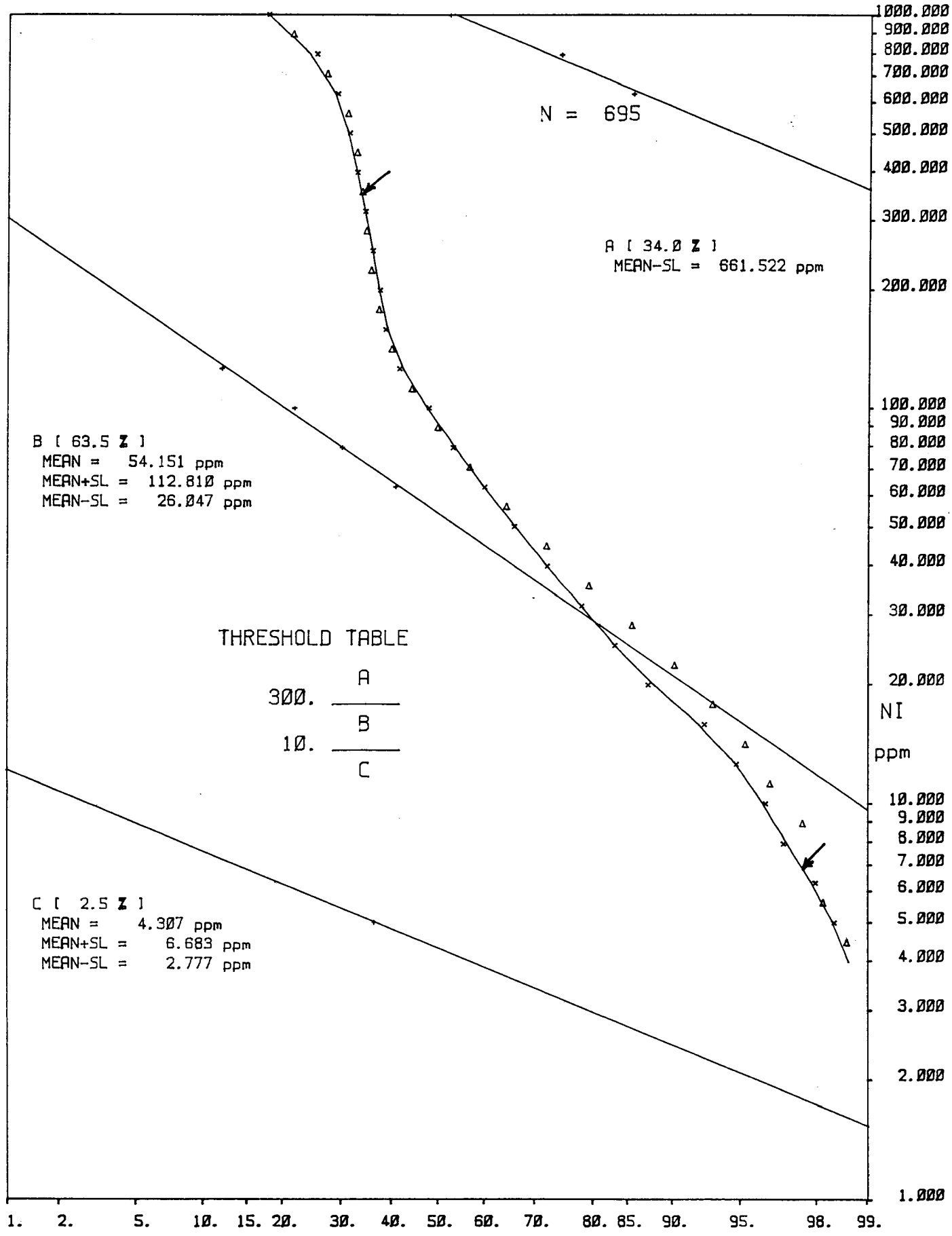
Threshold values of 300 and 10 ppm separate the three populations.


ARITHMETIC HISTOGRAM
I,IV,V GRIDS - ROCK SAMPLES
N = 695
MEAN = 484.006 ppm
S.D. = 607.197 ppm
C.I. = 200.000 ppm
FREQUENCY (%)
70.0
61.3
52.5
43.8
35.0
26.3
17.5
8.8
.000
1600.000
3200.000
4800.000
6400.000
8000.000
NI

092092


LOG (base10) HISTOGRAM
I,IV,V GRIDS - ROCK SAMPLES
N = 695
MEAN = 2.205 ppm
S.D. = .717 ppm
C.I. = .200 ppm
FREQUENCY (%)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
.0000 (.10E 1)
1.6000 (.40E 2)
3.2000 (.16E 4)
4.8000 (.63E 5)
6.4000 (.25E 7)
8.0000 (.10E 9)
NI

092092



I, IV, V GRIDS - ROCK SAMPLES

092082

GOLD

Figures 6-7, 6-8 and 6-9 show respectively an arithmetic histogram, a lognormal histogram and a cumulative percent curve for gold in rock samples.

The arithmetic histogram shows a positively skewed distribution and the lognormal conversion indicates several overlapping populations.

Partitioning by means of a cumulative percent probability plot has shown that four populations may be defined: a low "detection limit" population (60%) with a mean of 2 ppb gold; a lower background population (35%) with a mean of 8 ppb; a higher background population (3.7%) with a mean of 35 ppb and an anomalous population (1.3%) with a mean of 171 ppb gold. This latter population has values to 920 ppb which do not show on the figures because of scale limitations.

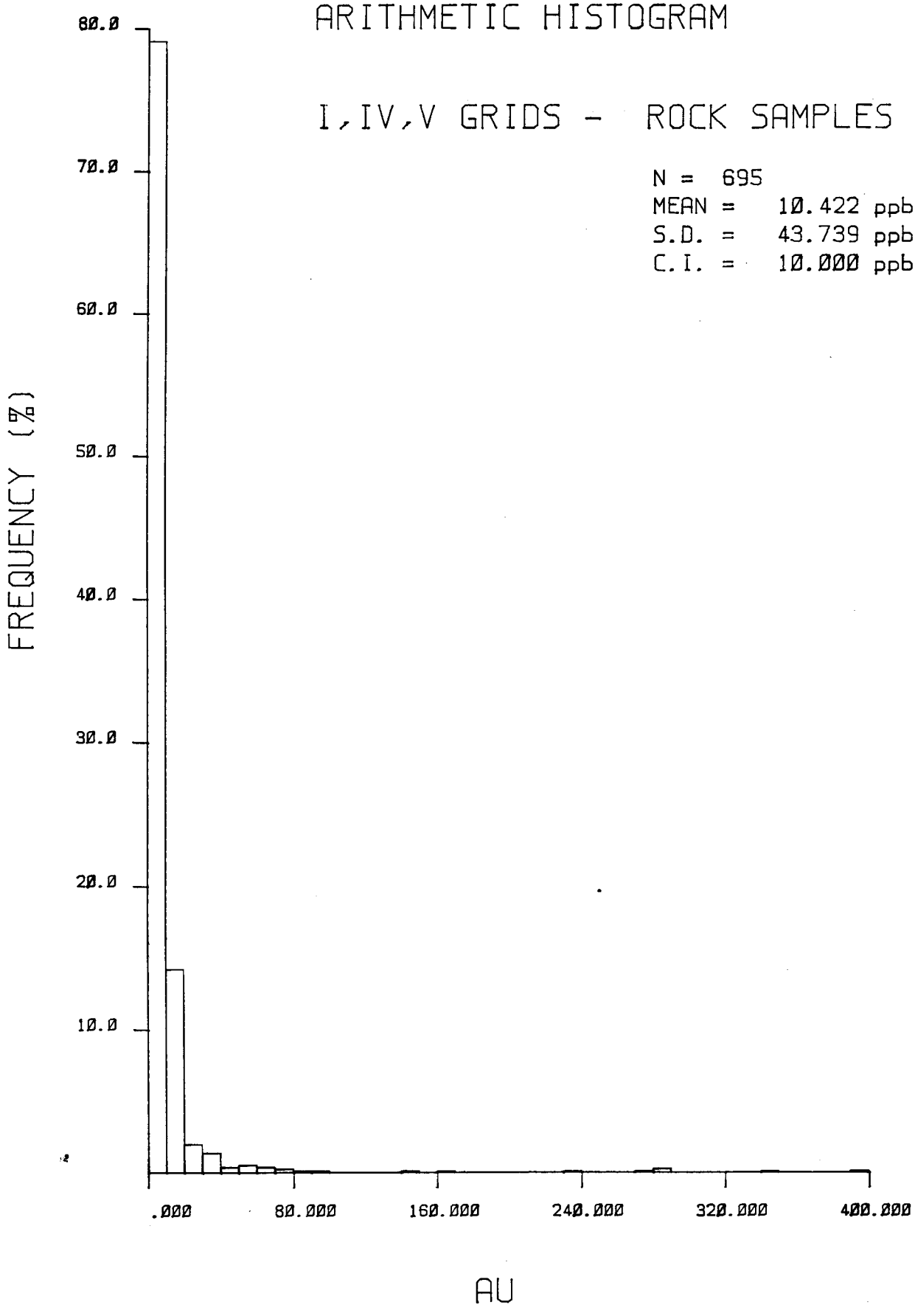
Threshold values of 110, 90, 21, 12 and 5 ppb were selected to separate the populations.

092092

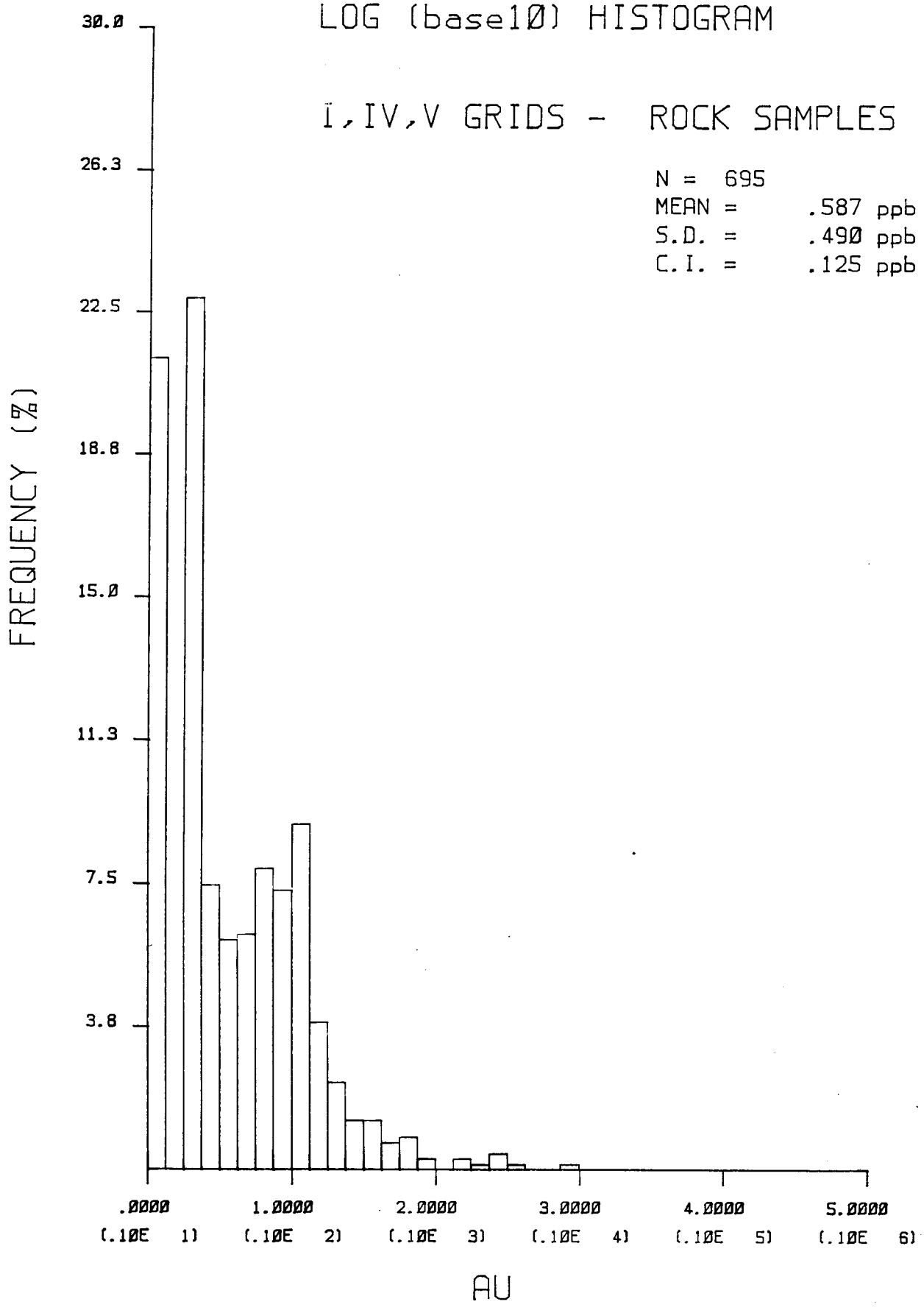
ARITHMETIC HISTOGRAM

I, IV, V GRIDS - ROCK SAMPLES

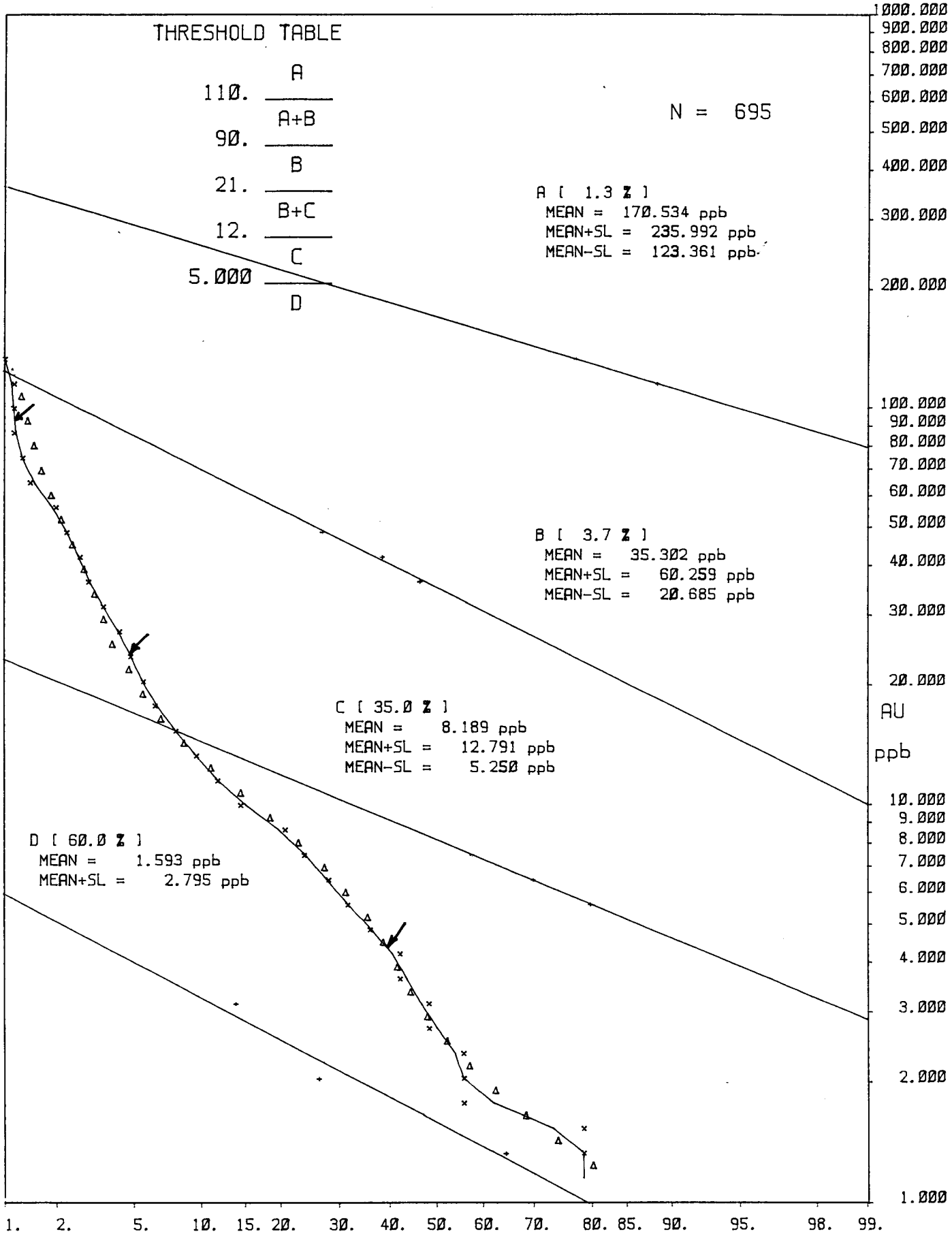
N = 695
MEAN = 10.422 ppb
S.D. = 43.739 ppb
C.I. = 10.000 ppb



092092


LOG (base10) HISTOGRAM
I,IV,V GRIDS - ROCK SAMPLES
N = 695
MEAN = .587 ppb
S.D. = .490 ppb
C.I. = .125 ppb
30.0
26.3
22.5
18.8
15.0
11.3
7.5
3.8
FREQUENCY (%)
.0000
(.10E 1)
1.0000
(.10E 2)
2.0000
(.10E 3)
3.0000
(.10E 4)
4.0000
(.10E 5)
5.0000
(.10E 6)
AU

092092



I, IV, V GRIDS - ROCK SAMPLES

092092

PLATINUM

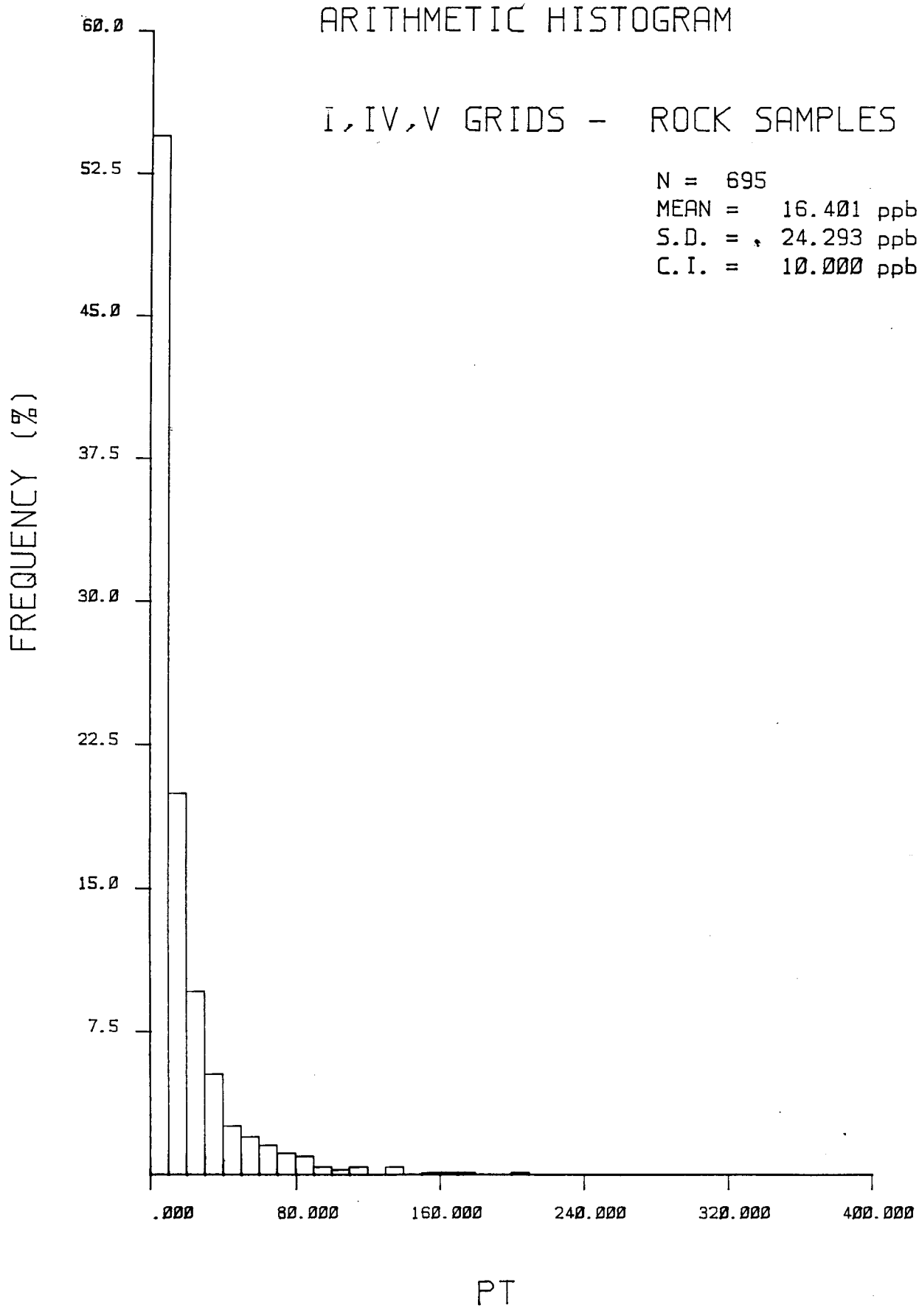
Figures 6-10, 6-11 and 6-12 show respectively an arithmetic histogram, a lognormal histogram and a cumulative percent curve for platinum in rock samples.

The arithmetic histogram shows a positively skewed distribution and the lognormal conversion shows several overlapping populations.

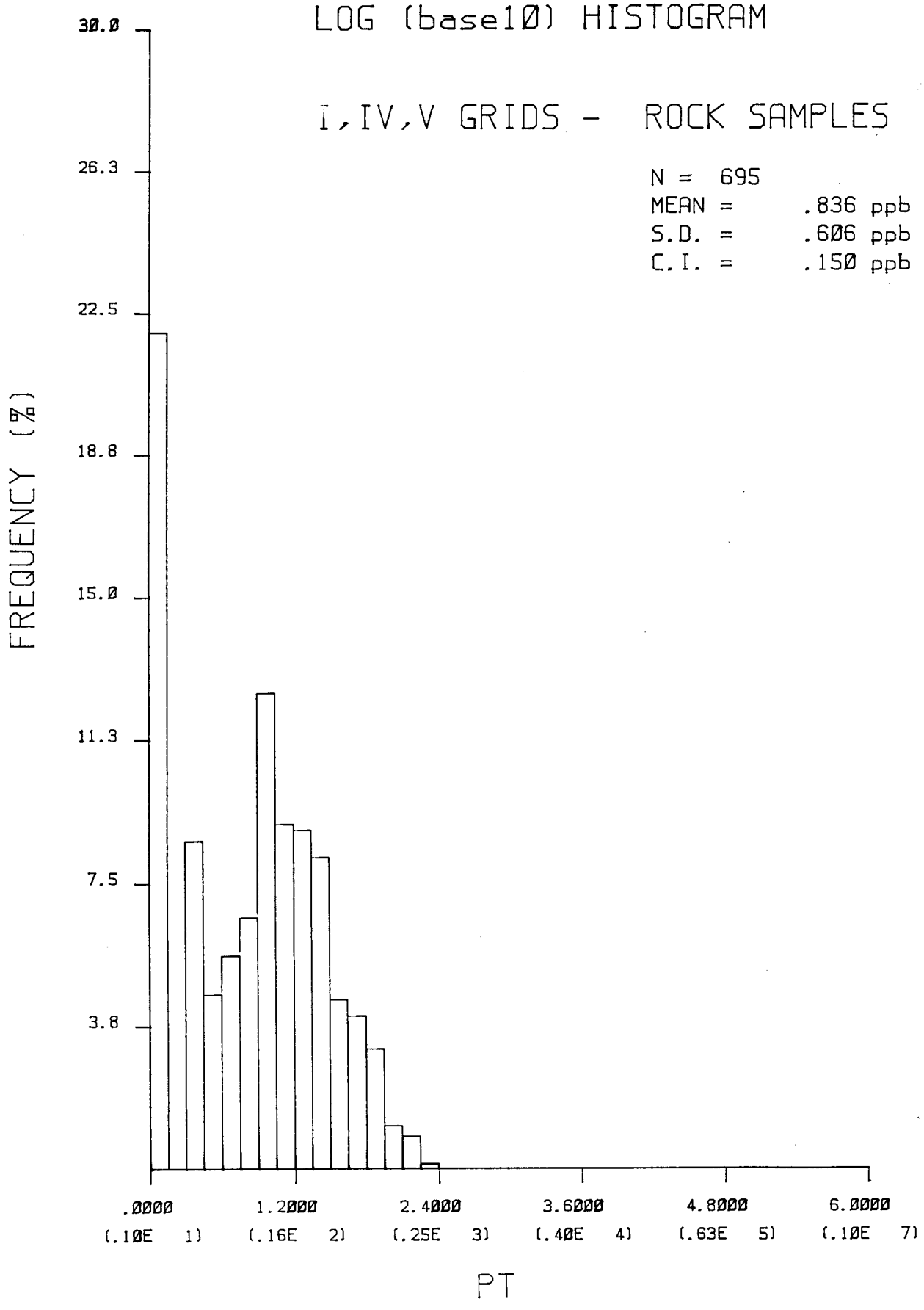
Partitioning by means of a cumulative percent probability plot has shown that three populations may be defined: a low background population (35%) with a mean of 1 ppb platinum; an intermediate population of possible ultramafic-mafic rock affiliation with a mean of 11 ppb platinum and an anomalous population (7%) with a mean of 57 ppb platinum. This latter population may relate to mafic-ultramafic rocks enriched in platinum. Values to 204 ppb do not appear on the probability plot because of scale limitations.

Threshold values of 65, 19, 3 and 2 ppb platinum were selected to separate the population effectively.

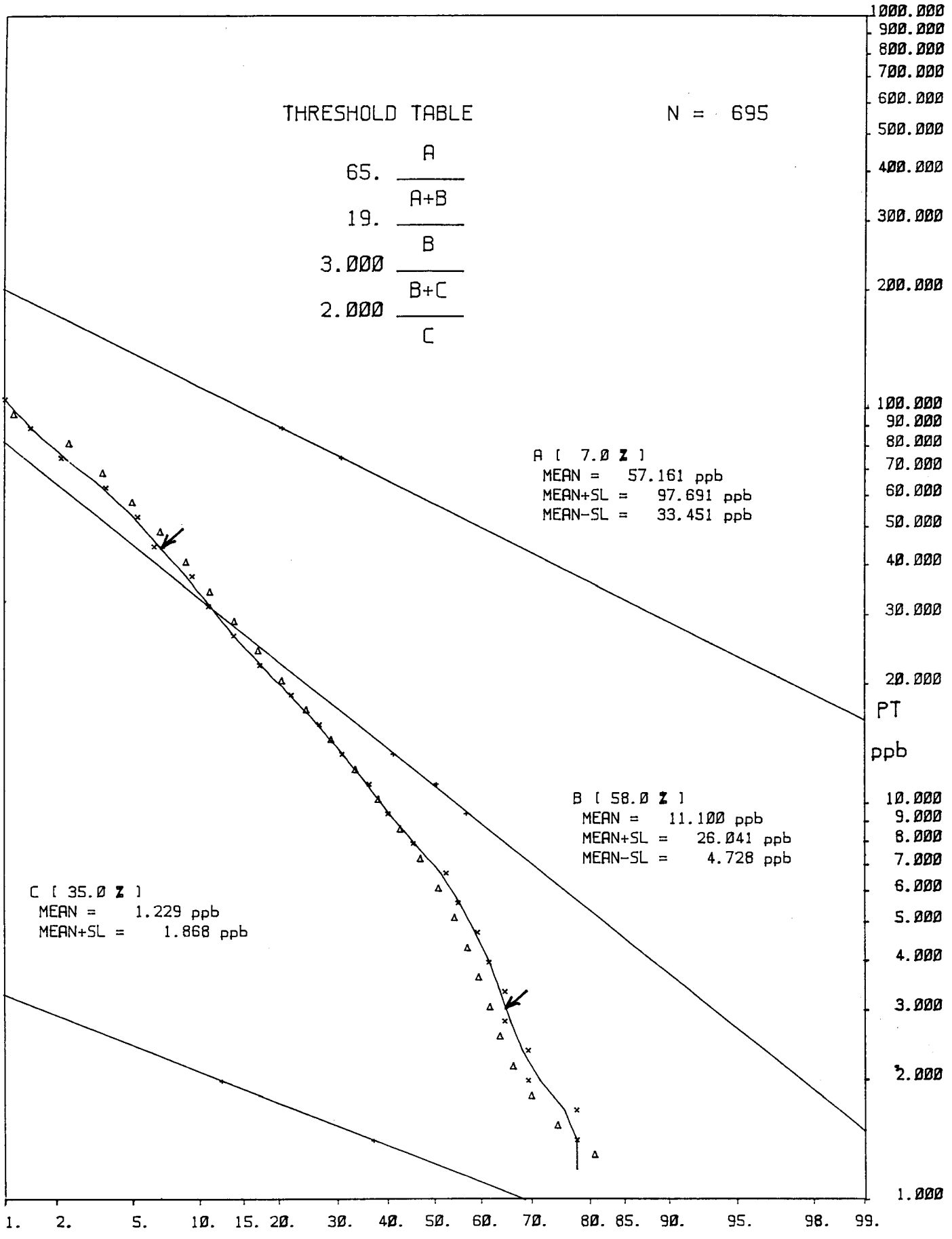
092092


ARITHMETIC HISTOGRAM
I,IV,V GRIDS - ROCK SAMPLES
N = 695
MEAN = 16.401 ppb
S.D. = 24.293 ppb
C.I. = 10.000 ppb
60.0
52.5
45.0
37.5
30.0
22.5
15.0
7.5
FREQUENCY (%)
.000
80.000
160.000
240.000
320.000
400.000
PT

092092


LOG (base10) HISTOGRAM
I,IV,V GRIDS - ROCK SAMPLES
N = 695
MEAN = .836 ppb
S.D. = .606 ppb
C.I. = .150 ppb
30.0
26.3
22.5
18.8
15.0
11.3
7.5
3.8
FREQUENCY (%)
.0000
(.10E 1)
1.2000
(.16E 2)
2.4000
(.25E 3)
3.6000
(.40E 4)
4.8000
(.63E 5)
6.0000
(.10E 7)
PT

092092



I,IV,V GRIDS - ROCK SAMPLES

092092

PALLADIUM

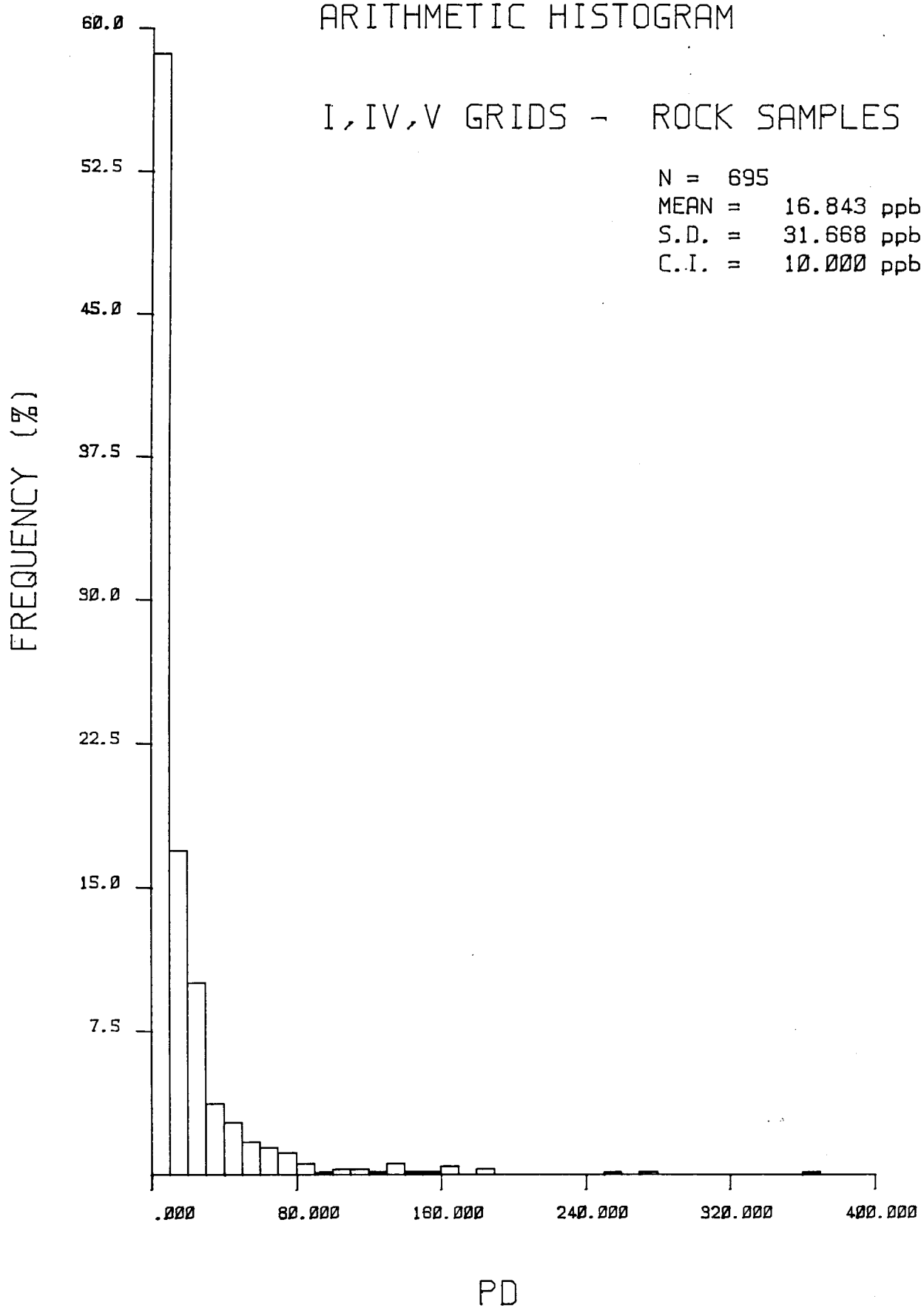
Figures 6-13, 6-14 and 6-15 show respectively an arithmetic histogram, a lognormal histogram and a cumulative percent curve for palladium in rock samples.

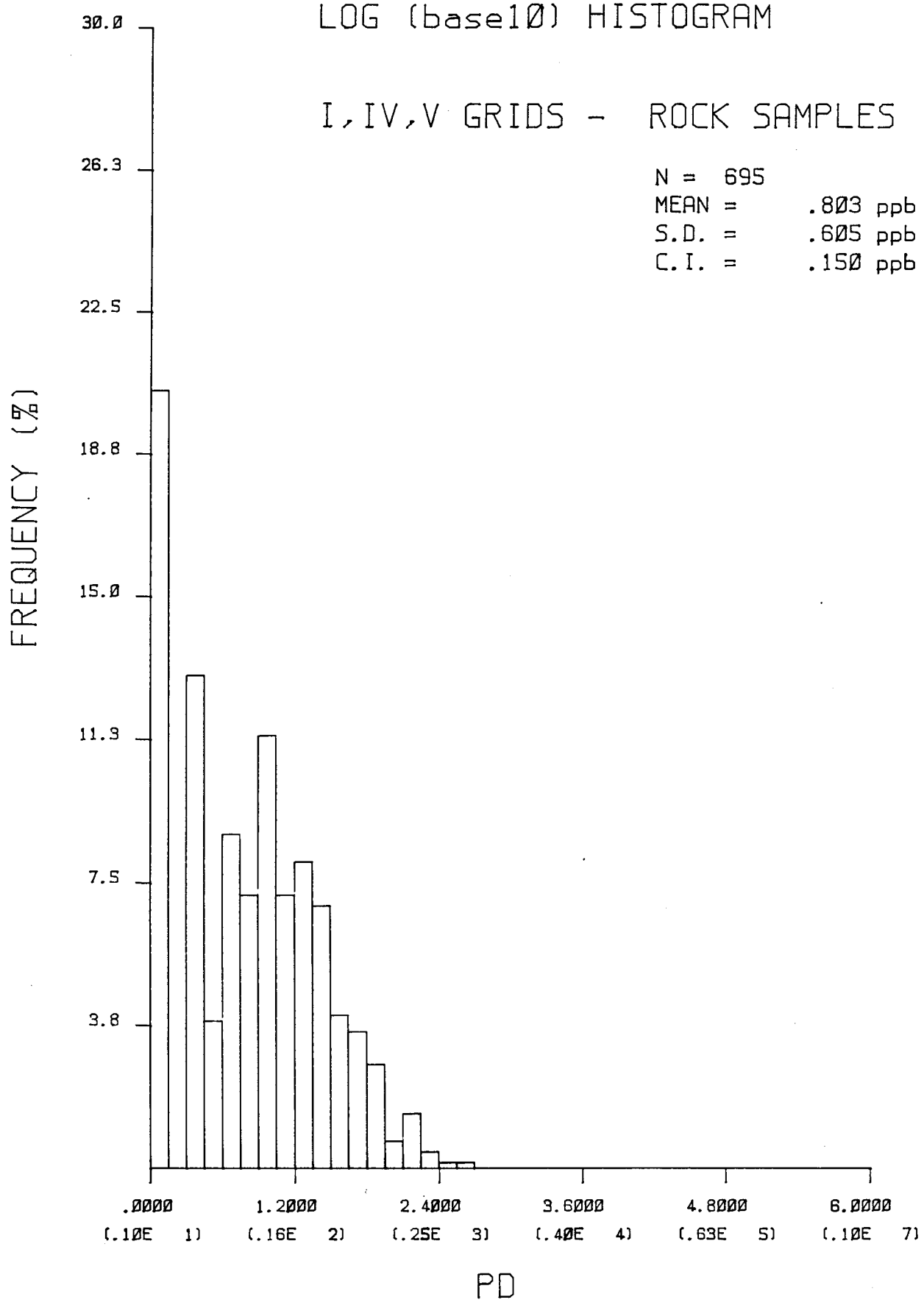
The arithmetic histogram shows a positively skewed distribution and the lognormal conversion shows several overlapping populations .

Partitioning by mean of a cumulative percent probability plot has shown that three populations may be defined: a lower background population (70%) with a mean of 3 ppb and which may relate to sedimentary-volcanic rocks; an upper background population (27.5%) which has a mean of 23 ppb palladium and may relate to mafic-ultramafic rocks and an anomalous population (2.5%) with a mean of 127 ppb which may relate to palladium enrichment in mafic-ultramafic rocks. High values in the range to 365 ppb do not appear in the probability plot because of scale limitations.

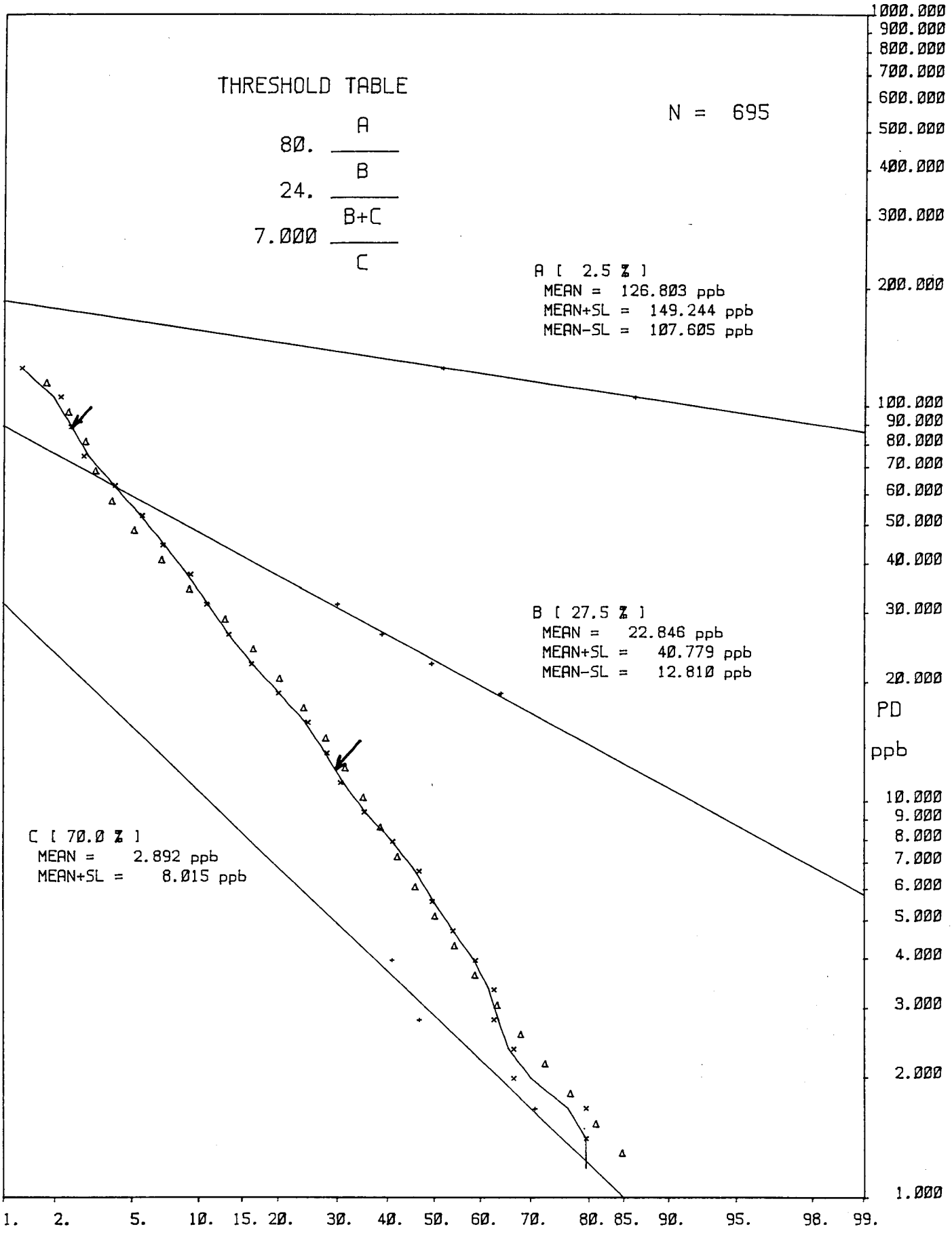
Threshold values of 80, 24 and 7 ppb palladium were selected to separate the groups.

092092


ARITHMETIC HISTOGRAM
I,IV,V GRIDS - ROCK SAMPLES
N = 695
MEAN = 16.843 ppb
S.D. = 31.668 ppb
C.I. = 10.000 ppb
FREQUENCY (%)
60.0
52.5
45.0
37.5
30.0
22.5
15.0
7.5
.000
80.000
160.000
240.000
320.000
400.000
PD


LOG (base10) HISTOGRAM
I,IV,V GRIDS - ROCK SAMPLES
N = 695
MEAN = .803 ppb
S.D. = .605 ppb
C.I. = .150 ppb
30.0
26.3
22.5
18.8
15.0
11.3
7.5
3.8
FREQUENCY (%)
.0000
(.10E 1)
1.2000
(.16E 2)
2.4000
(.25E 3)
3.6000
(.40E 4)
4.8000
(.63E 5)
6.0000
(.10E 7)
PD

092092



I, IV, V GRIDS - ROCK SAMPLES

092092

B. Soil Geochemistry

A total of 383 soil samples were taken from the I, IV and V claims and analyzed for copper, nickel, gold, platinum and palladium.

Table IV shows Simple Statistics-Arithmetic for each of the elements.

Table V shows Simple Statitistics-Log (Base 10) Transformed for each of the elements. All of the elements show positively skewed arithmetic distributions and consequently, lognormal histograms were also produced and the log values used for partitioning of cumulative pe'rcent curves.

Table VI shows a Correlation Matrix for all elements analyzed. The best correlations are between platinum and palladium (.4101), palladium and gold (.4230), palladium and nickel (.4495) and platinum and gold (.3232). Poor correlations were noted between nickel and copper (.2696) and platinum and nickel.

092092

POLESTAR EXPLORATION LTD. KLUANE PROPERTY

I, IV, V GRIDS - SOIL SAMPLES

SIMPLE STATISTICS

Element	Unit	n	Mean	Median	Standard Deviation	Lowest Value	Highest Value	Coef. of Var.
CU	ppm	383	75.8	65.0	62.0	10.0	651.0	.82
NI	ppm	383	277.2	44.0	561.6	3.0	2950.0	2.03
AU	ppb	383	13.5	3.0	68.6	1.0	1260.0	5.07
PT	ppb	383	9.6	3.0	13.6	1.0	103.0	1.42
PD	ppb	383	7.9	3.0	12.2	1.0	103.0	1.55

NOTE - Coefficient of Variation = Standard Deviation / Mean

TABLE IV

POLESTAR EXPLORATION LTD. KLUANE PROPERTY

I, IV, V GRIDS - SOIL SAMPLES

SIMPLE STATISTICS

LOG (Base 10) Transformed

Element	Unit	n	Mean	Median	Standard Deviation	Lowest Value	Highest Value	Coef. of Var.
CU	ppm	383	1.7996	1.8129	.2501	1.0000	2.8136	.14
NI	ppm	383	1.8610	1.6435	.6501	.4771	3.4698	.35
AU	ppb	383	.6019	.4771	.5320	.0000	3.1004	.88
PT	ppb	383	.6168	.4771	.5739	.0000	2.0128	.93
PD	ppb	383	.5825	.4771	.5044	.0000	2.0128	.87

NOTE - Coefficient of Variation = Standard Deviation / Mean

TABLE V

092092

TABLE VI

POLESTAR EXPLORATION LTD. KLUANE PROPERTY

I, IV, V GRIDS - SOIL SAMPLES

CORRELATION MATRIX

	CU	NI	AU	PT	PD
CU	1.0000				
NI	.2696	1.0000			
AU	.0669	.0742	1.0000		
PT	.0385	.2714	.3232	1.0000	
PD	.1442	.4495	.4230	.4101	1.0000

383 SAMPLE PAIRS ARE COMPLETE

SIGNIFICANT CORRELATION PAIRS FOR R(.01, 382) = .176

CORRELATION between NI and CU = .2696
CORRELATION between PT and NI = .2714
CORRELATION between PT and AU = .3232
CORRELATION between PD and NI = .4495
CORRELATION between PD and AU = .4230
CORRELATION between PD and PT = .4101

092092

COPPER

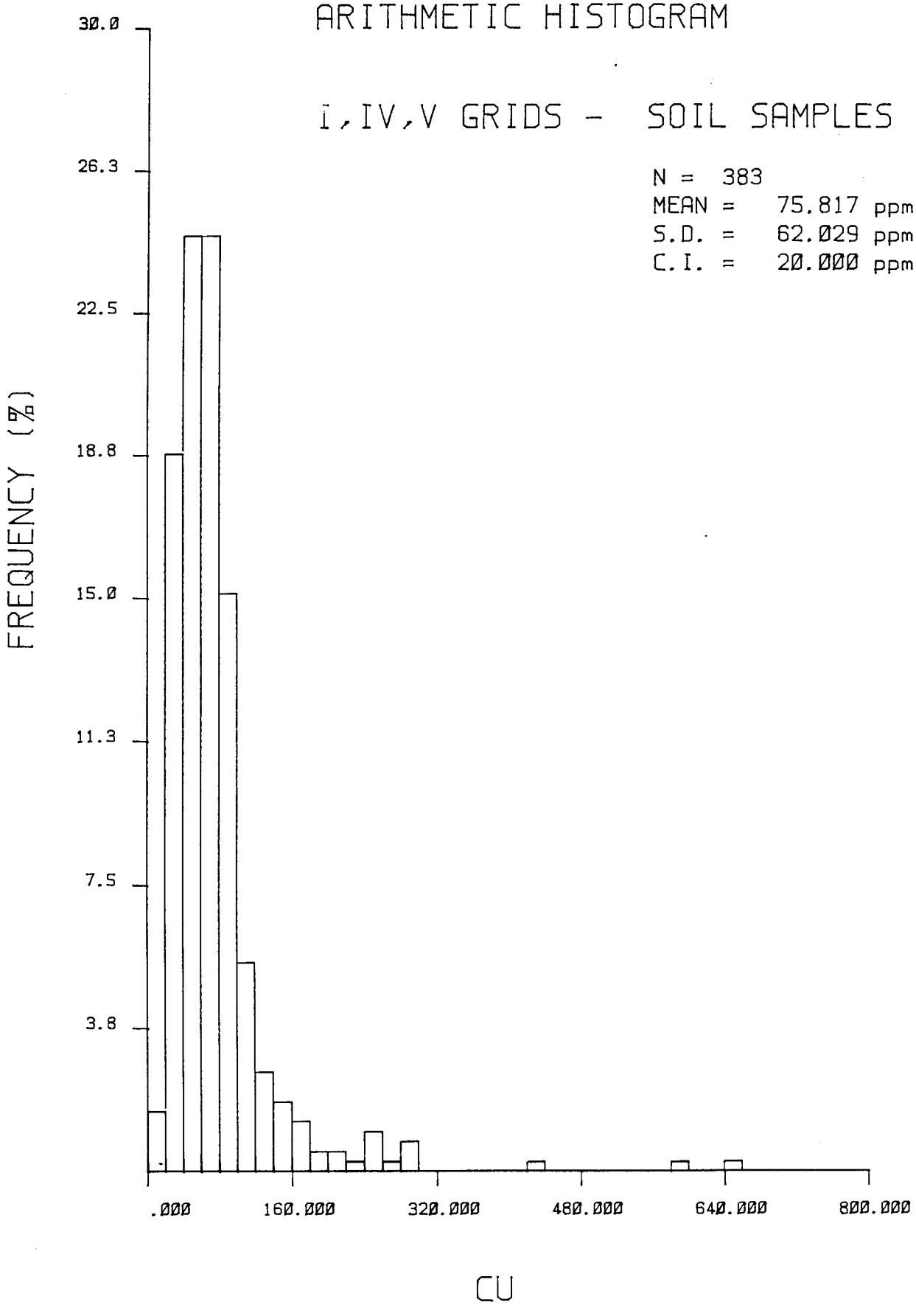
Figures 6-16, 6-17 and 6-18 show respectively an arithmetic histogram, a lognormal histogram and a cumulative percent curve for copper in soil samples.

The arithmetic histogram shows a positively skewed distribution and the lognormal conversion shows several overlapping populations.

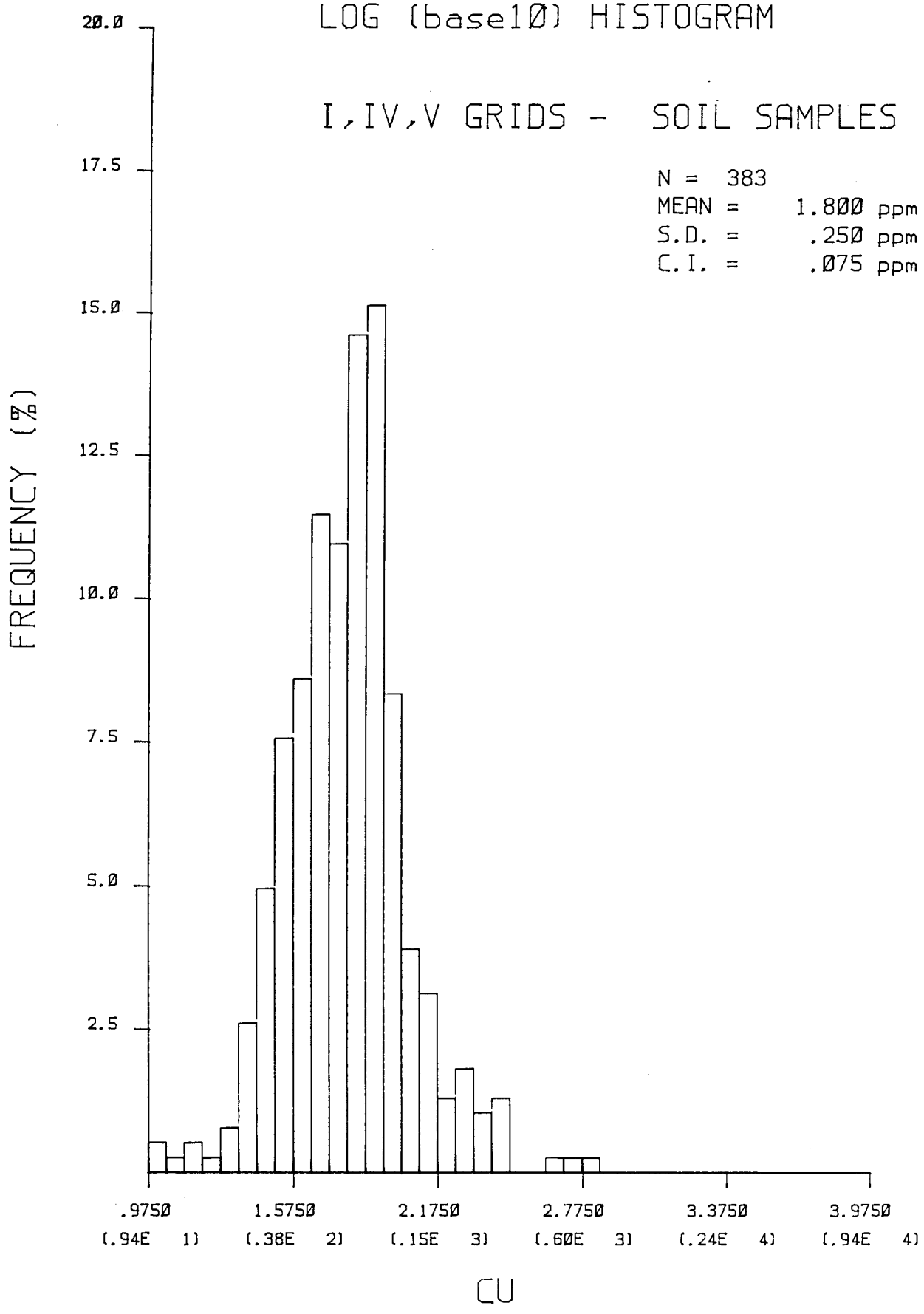
Partitioning has shown, by means of a cumulative percent curve, that four populations may be defined: a low background population (30% of data) with a mean of 36 ppm copper which may relate to sedimentary-volcanic rocks; a higher background population (64%) with a mean of 68 ppm copper which may relate to mafic-ultramfic rocks; an anomalous population (3%) with a mean of 174 ppm copper and an upper anomalous population (3%) with a mean of 254 ppm. The latter may relate to low-grade copper mineralization in or close to mafic-ultramafic rocks.

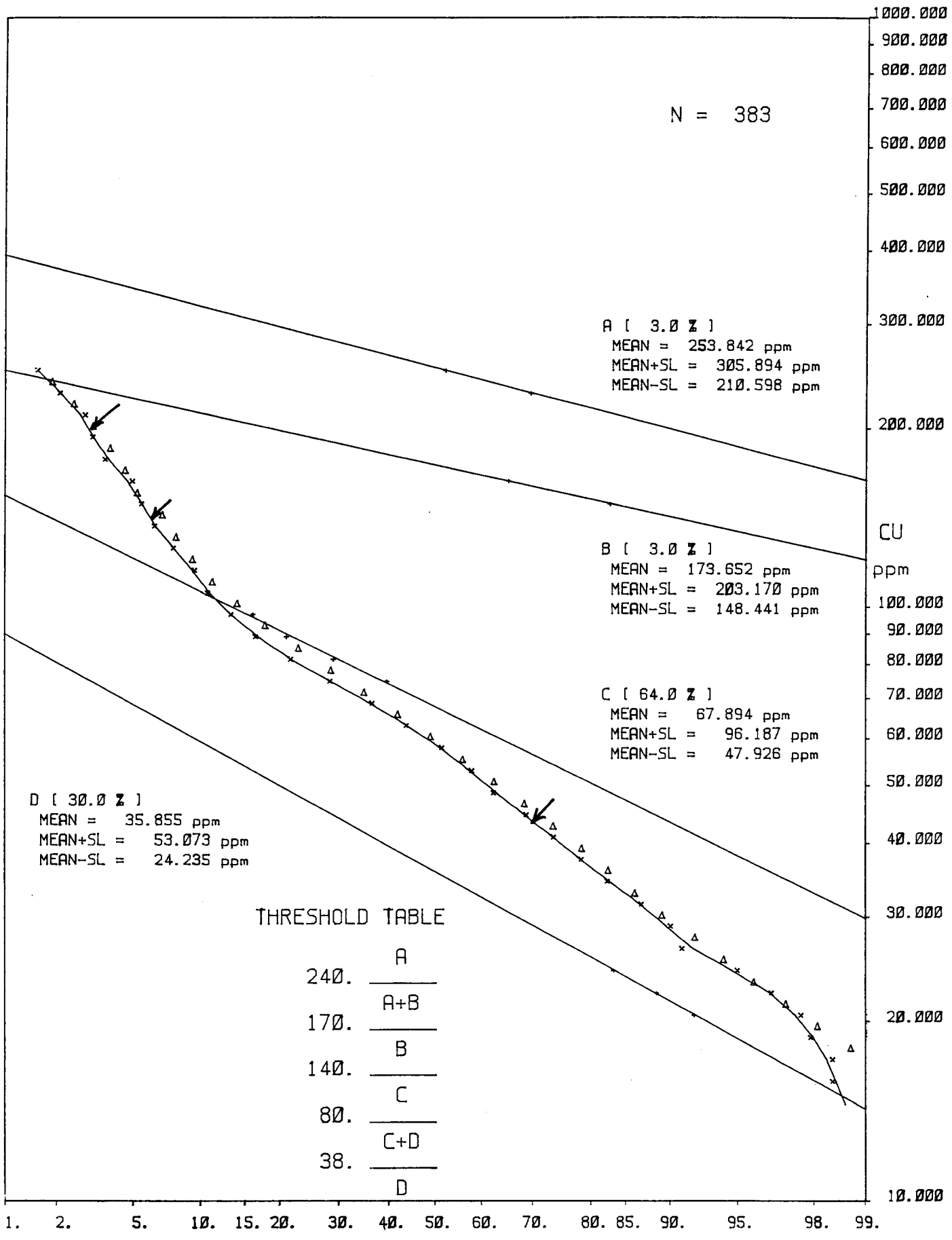
Threshold values of 240, 170, 140, 80 and 38 ppm copper were selected to separate the populations.

092092


ARITHMETIC HISTOGRAM
I,IV,V GRIDS - SOIL SAMPLES
N = 383
MEAN = 75.817 ppm
S.D. = 62.029 ppm
C.I. = 20.000 ppm
FREQUENCY (%)
30.0
26.3
22.5
18.8
15.0
11.3
7.5
3.8
.000
160.000
320.000
480.000
640.000
800.000
CU

092092


LOG (base10) HISTOGRAM
I,IV,V GRIDS - SOIL SAMPLES
N = 383
MEAN = 1.800 ppm
S.D. = .250 ppm
C.I. = .075 ppm
FREQUENCY (%)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
.9750 (.94E 1)
1.5750 (.38E 2)
2.1750 (.15E 3)
2.7750 (.60E 3)
3.3750 (.24E 4)
3.9750 (.94E 4)
CU



I,IV,V GRIDS - SOIL SAMPLES

092092

NICKEL

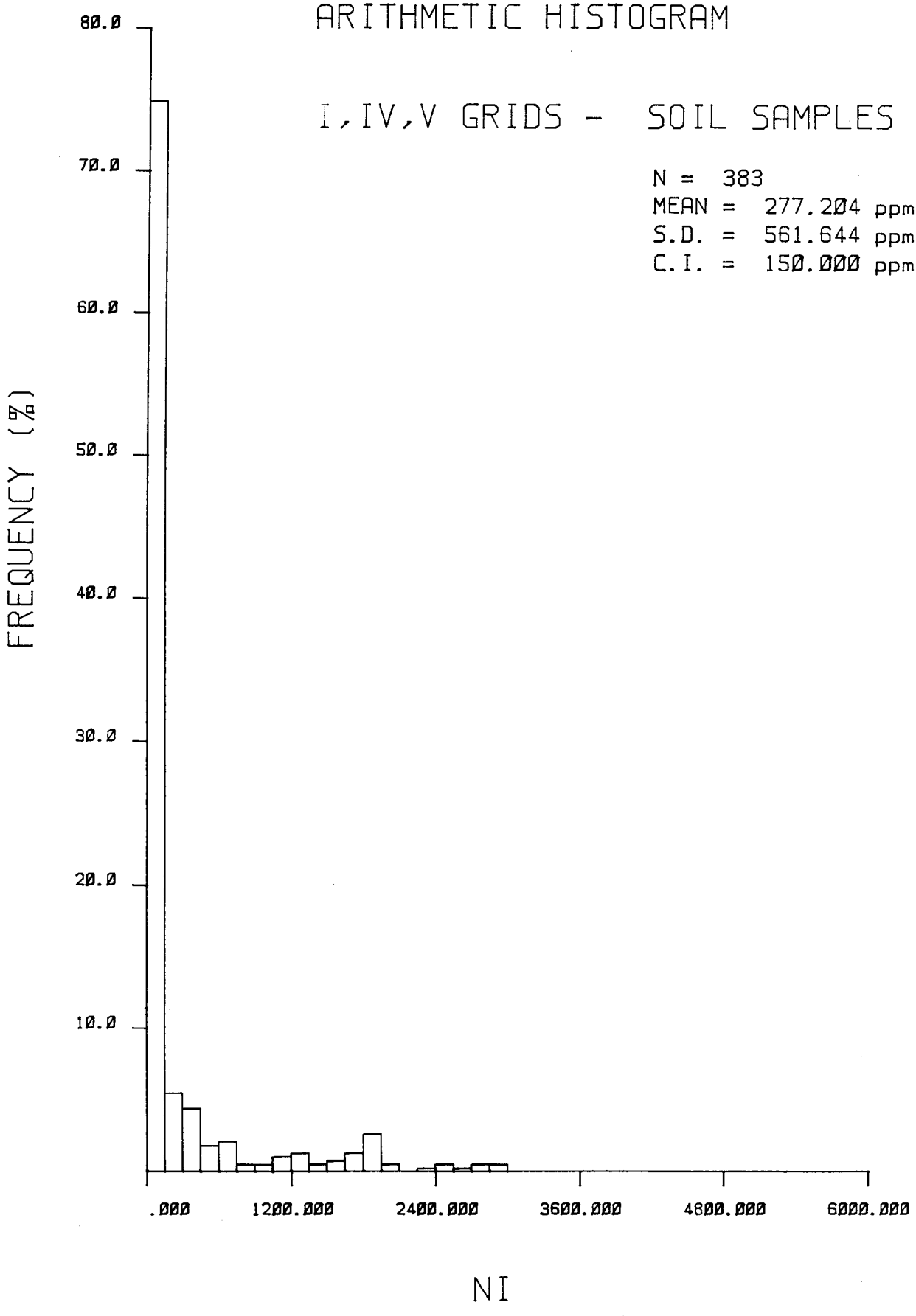
Figures 6-19, 6-20 and 6-21 show respectively an arithmetic histogram, a lognormal histogram and a cumulative percent curve for nickel in soil samples.

The arithmetic histogram shows a positively skewed distribution and the lognormal conversion shows several overlapping populations.

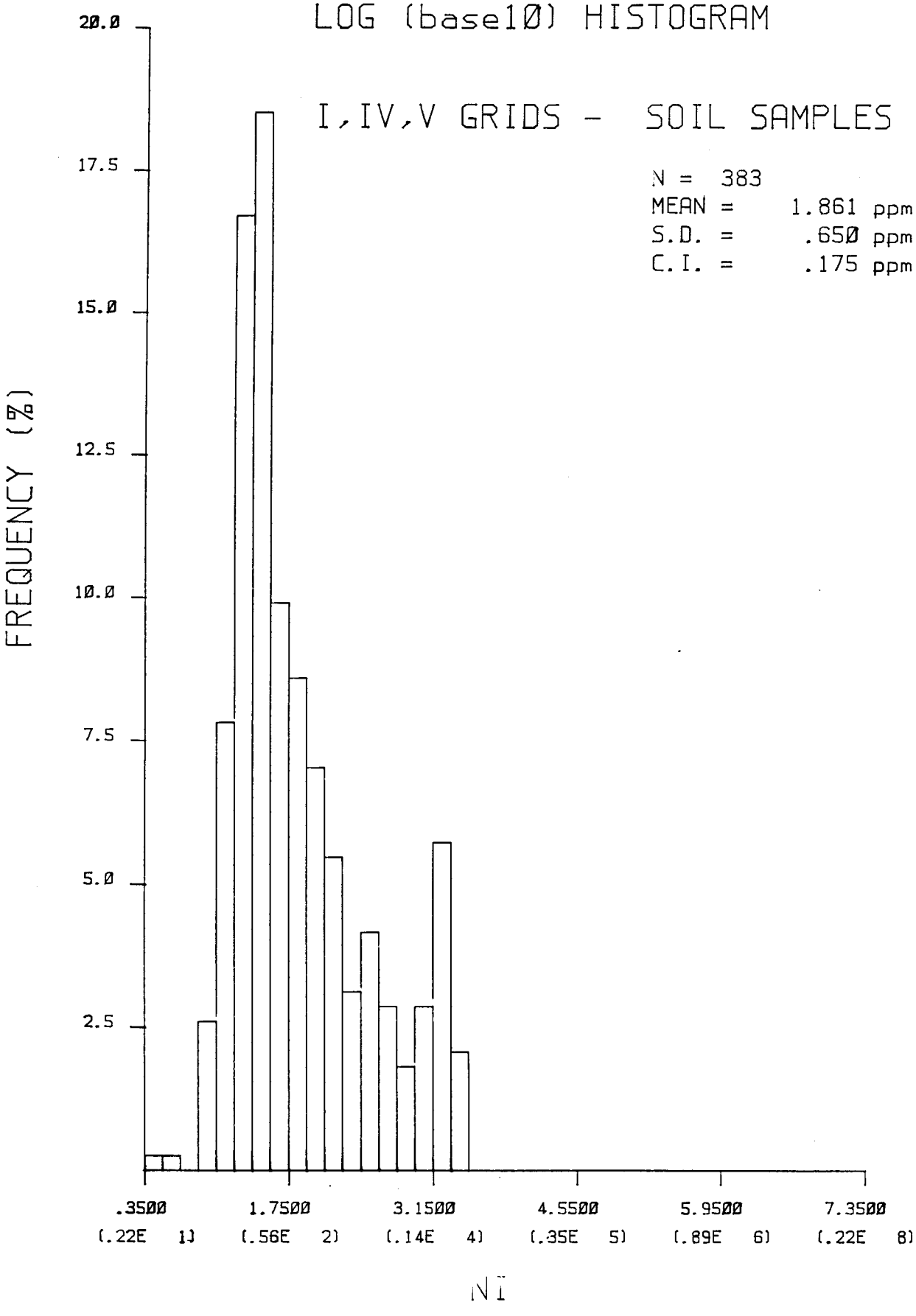
Partitioning has shown, by means of a cumulative percent curve, that three separate populations may be defined: a lower background population (62% of data) with a mean of 24 ppm nickel which may relate to sedimentary-volcanic rocks; an intermediate population (27%) with a mean of 169 ppm nickel which may be related to background in mafic-ultramafic rocks and an anomalous population (11%) with a mean of 200 ppm nickel and which may relate to nickel-enriched mafic-ultramafic rocks.

Threshold values of 750, 78 and 36 ppm nickel were selected on the basis of partitioning and serve to separate the populations.

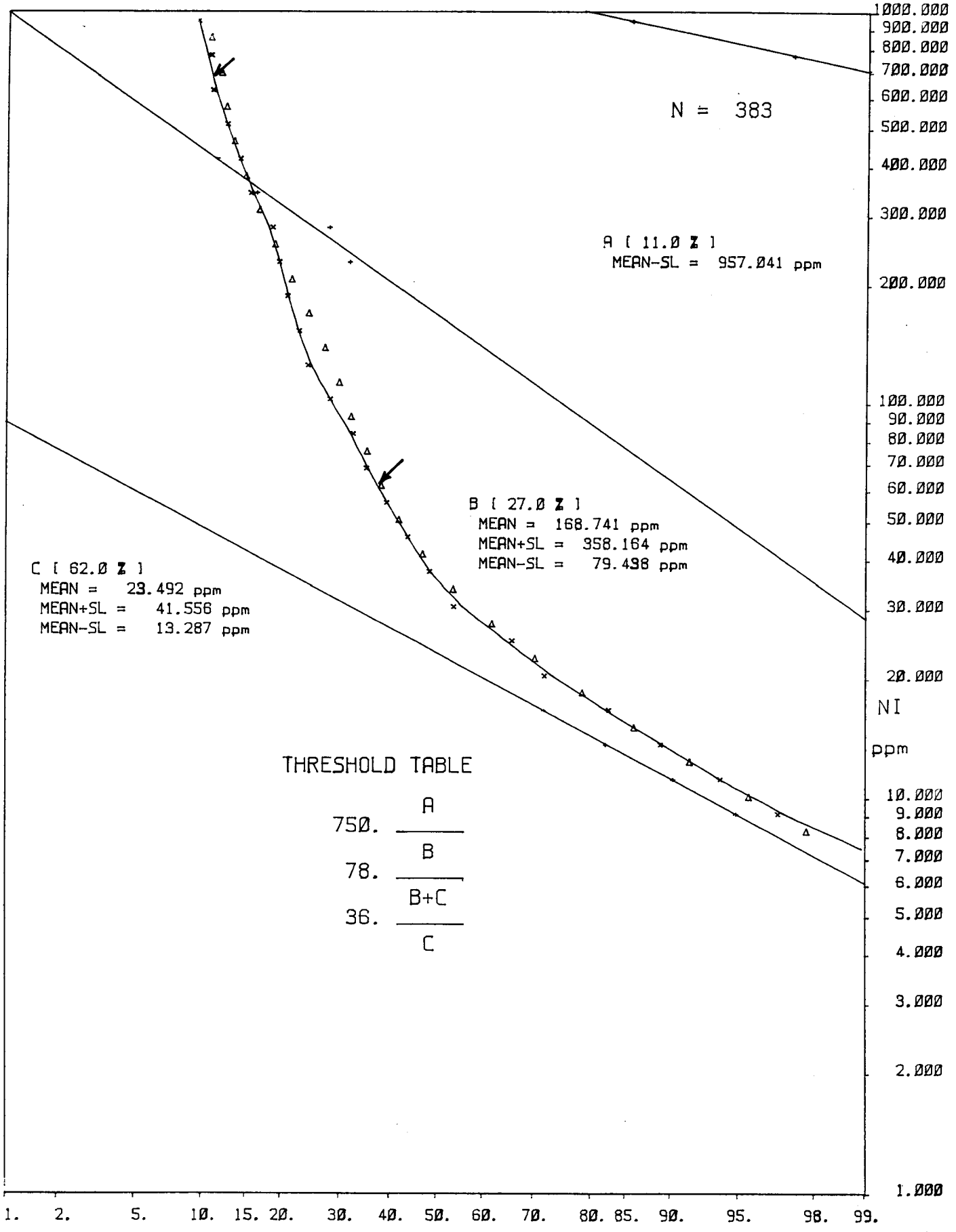
092092


ARITHMETIC HISTOGRAM
I,IV,V GRIDS - SOIL SAMPLES
N = 383
MEAN = 277.204 ppm
S.D. = 561.644 ppm
C.I. = 150.000 ppm
FREQUENCY (%)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
.000
1200.000
2400.000
3600.000
4800.000
6000.000
NI

092092


LOG (base10) HISTOGRAM
I,IV,V GRIDS - SOIL SAMPLES
N = 383
MEAN = 1.861 ppm
S.D. = .650 ppm
C.I. = .175 ppm
FREQUENCY (%)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
.3500 (.22E 1)
1.7500 (.56E 2)
3.1500 (.14E 4)
4.5500 (.35E 5)
5.9500 (.89E 6)
7.3500 (.22E 8)
NI

092092



I, IV, V GRIDS - SOIL SAMPLES 092092

GOLD

Figures 6-22, 6-23 and 6-24 show respectively an arithmetic histogram,a lognormal histogram and a cumulative percent curve for gold in soil samples.

The arithmetic histogram shows a positively skewed distribution and the lognormal conversion shows several overlapping populations. Partitioning has shown, by means of a cumulative percent curve, that three separate populations may be defined: a lower background population (37%) with a mean of 7 ppb gold; an upper background population (7%) with a mean of 28 ppb gold and an anomalous population (3%) with a mean of 105 ppb gold which probably related to significant gold mineralization. A fourth population (53%) is a "detection limit" population with a mean of 1.5 ppb gold.

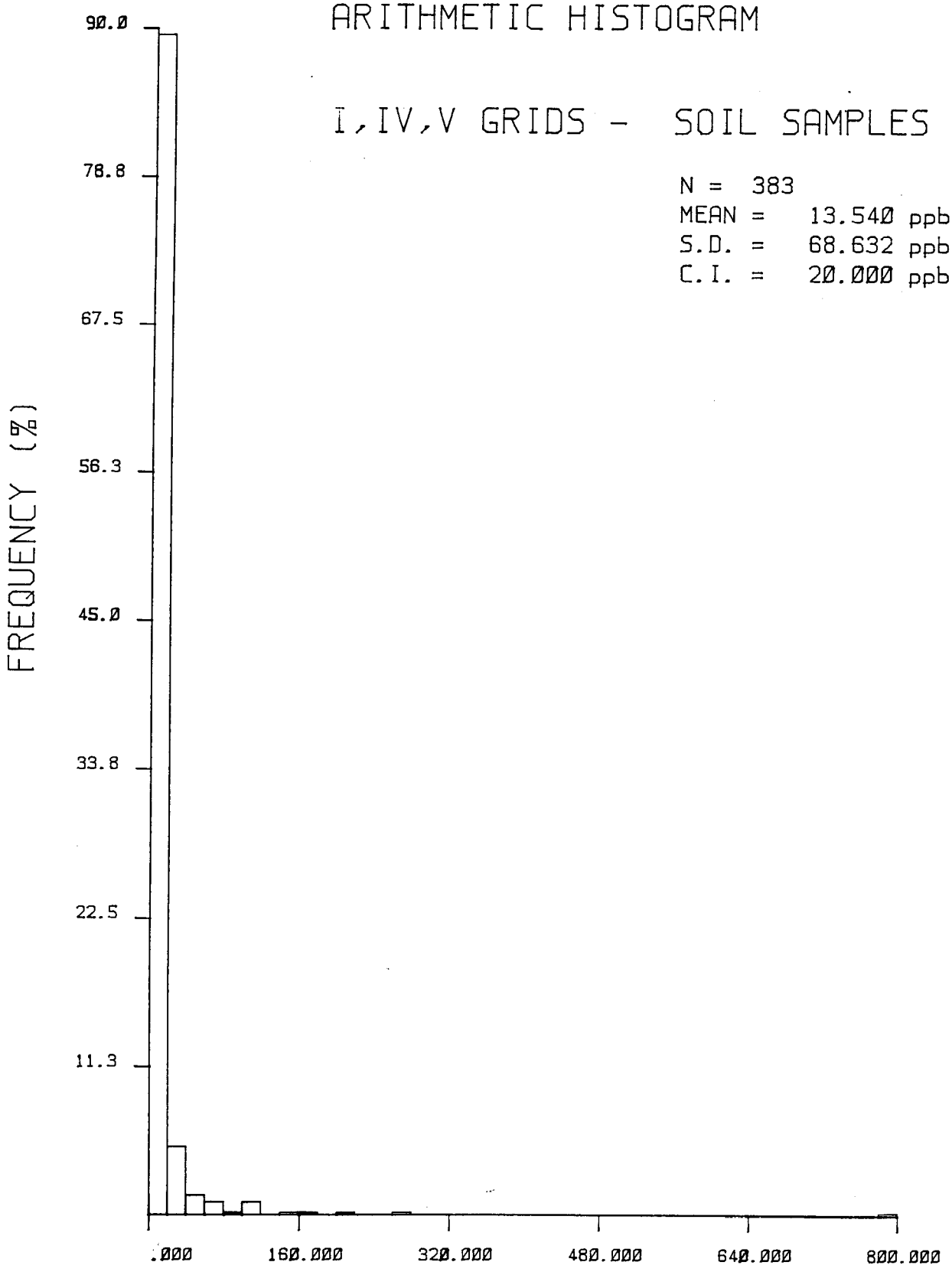
Threshold values of 50, 19, 15 and 3 ppb gold were selected and used to separate the populations.

092092

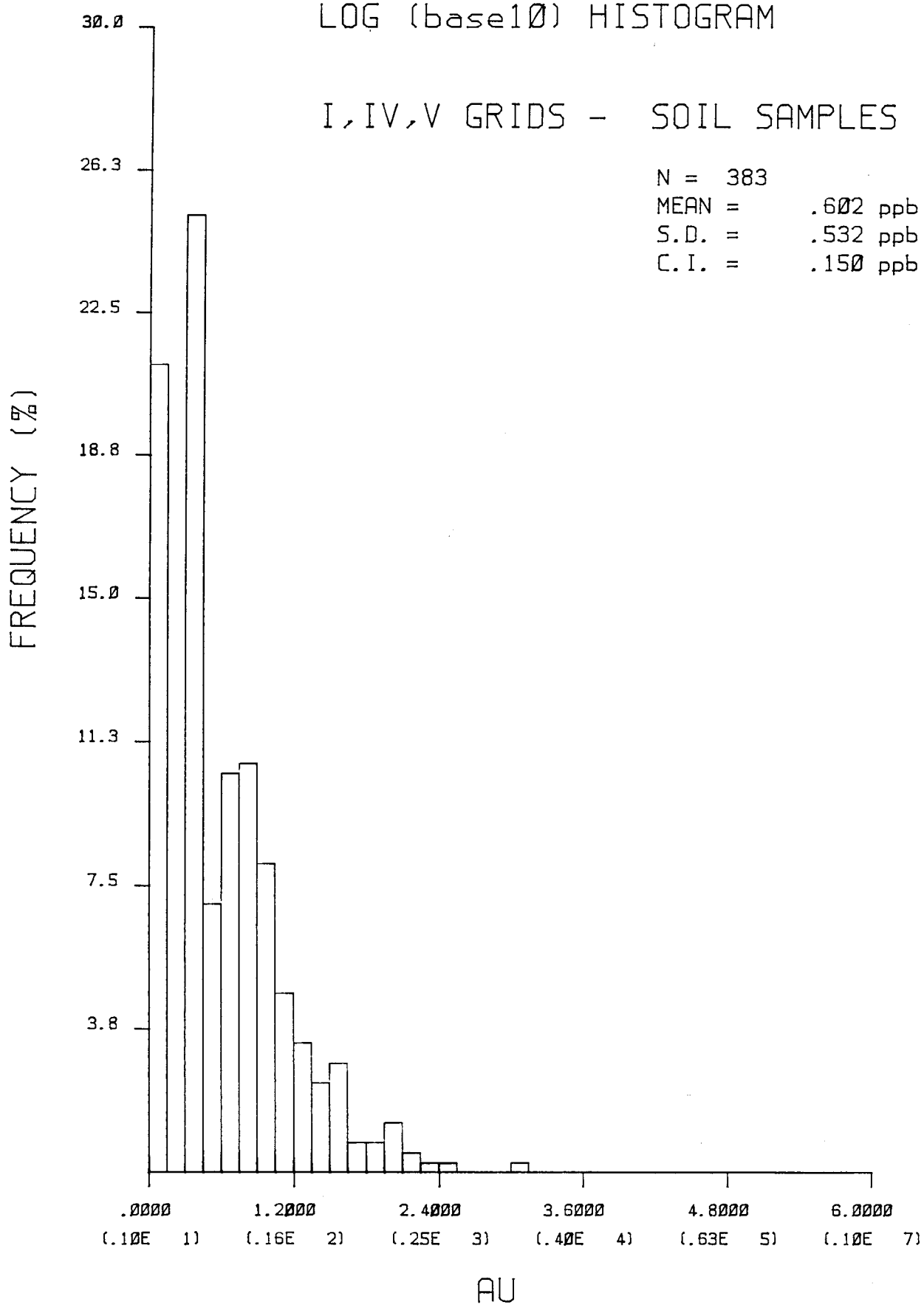
ARITHMETIC HISTOGRAM

I,IV,V GRIDS - SOIL SAMPLES

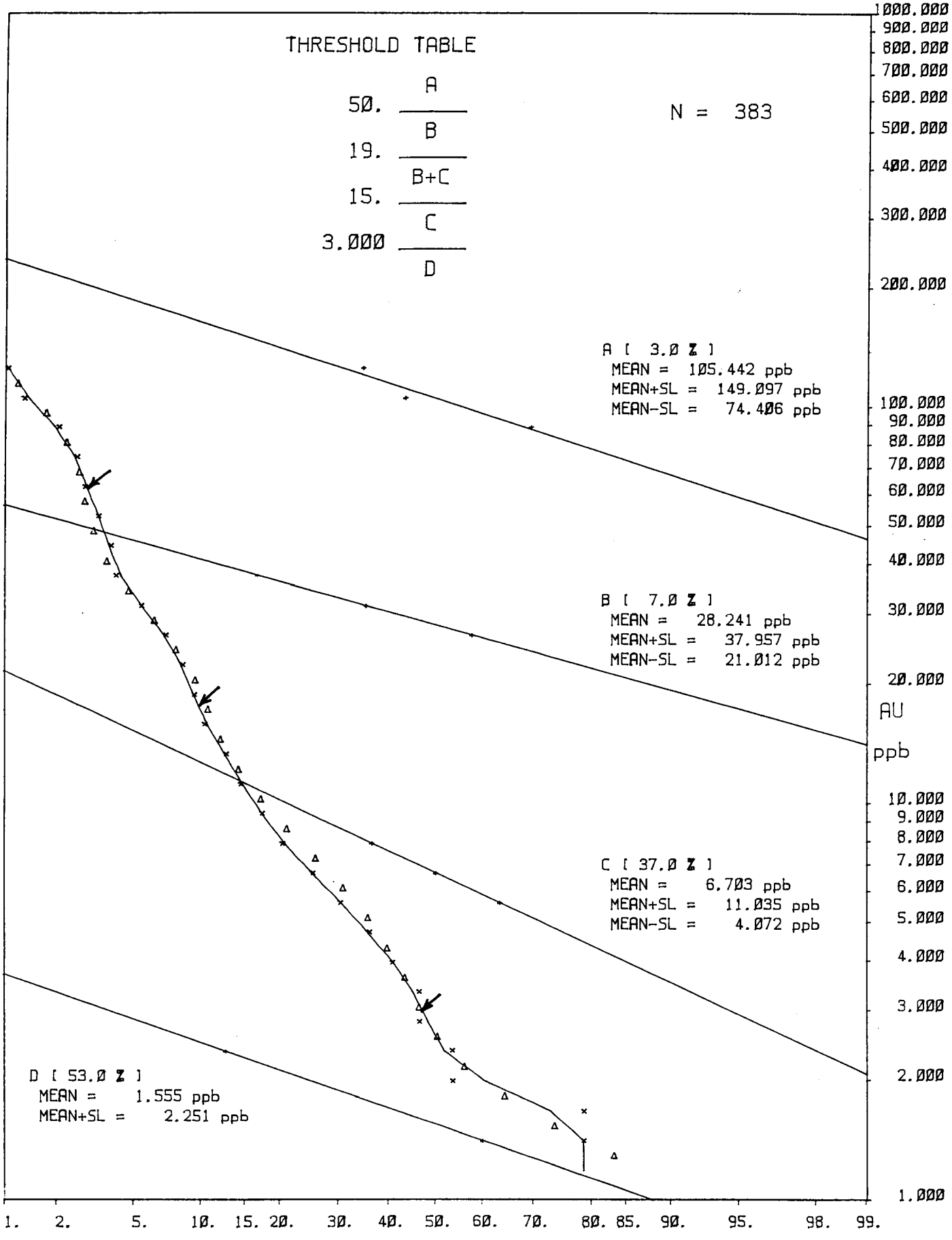
N = 383
MEAN = 13.540 ppb
S.D. = 68.632 ppb
C.I. = 20.000 ppb



092092


LOG (base10) HISTOGRAM
I,IV,V GRIDS - SOIL SAMPLES
N = 383
MEAN = .602 ppb
S.D. = .532 ppb
C.I. = .150 ppb
FREQUENCY (%)
30.0
26.3
22.5
18.8
15.0
11.3
7.5
3.8
.0000
(.10E 1)
1.2000
(.16E 2)
2.4000
(.25E 3)
3.6000
(.40E 4)
4.8000
(.63E 5)
6.0000
(.10E 7)
AU

092092



I, IV, V GRIDS - SOIL SAMPLES

092092

PLATINUM

Figures 6-25, 6-26 and 6-27 show respectively an arithmetic histogram, a lognormal histogram and a cumulative percent curve for platinum in soil samples.

The arithmetic histogram shows a positively-skewed distribution and the lognormal conversion shows several overlapping populations.

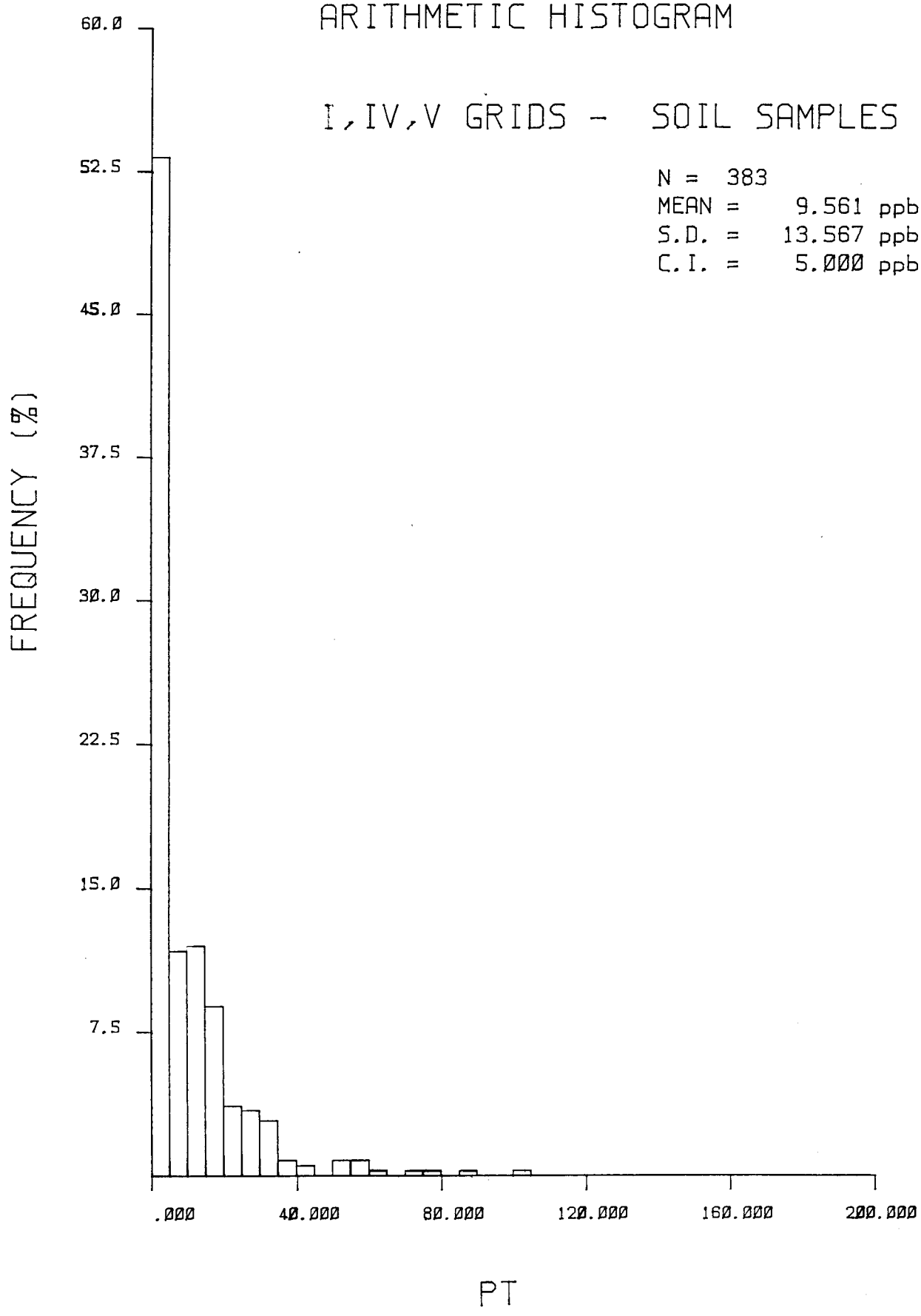
Partitioning has shown, by means of a cumulative percent curve, that three separate populations may be defined: a lower background population (57%) with a mean of 1.2 ppb platinum and which may relate to sedimentary-volcanic rocks; an upper background population (40.5%) with a mean of 12 ppb platinum and which likely relates to background for mafic-ultramafic rocks and an anomalous population (2.5%) with a mean of 54 ppb which may relate to platinum-enriched mafic-ultramafic rocks. High values in the range 50 to 103 ppb platinum do not appear on Figure 6-27 because of scale limitations.

Threshold values of 39 and 4 ppb platinum were selected and used to separate the groups.

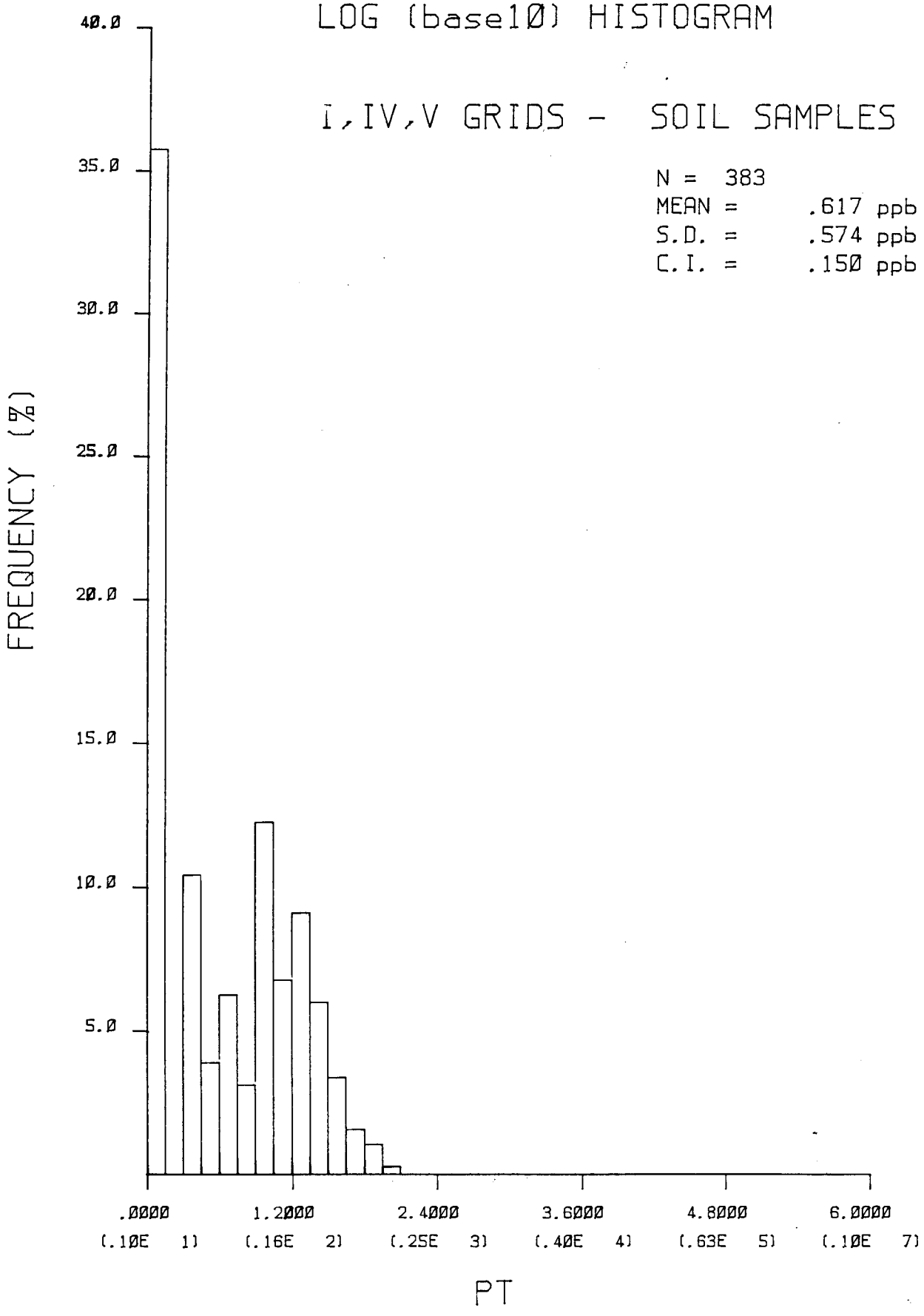
ARITHMETIC HISTOGRAM

I, IV, V GRIDS - SOIL SAMPLES

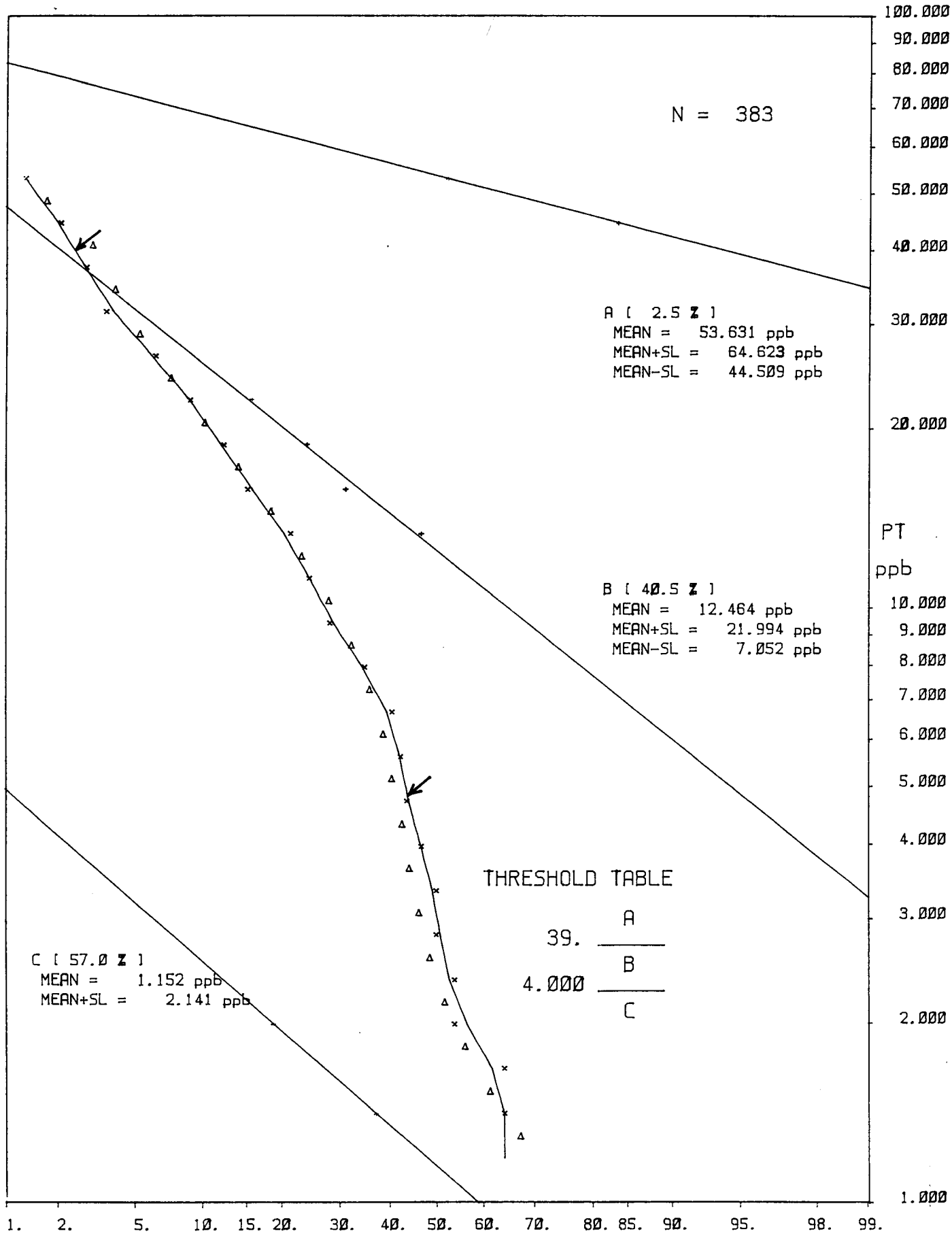
N = 383
MEAN = 9.561 ppb
S.D. = 13.567 ppb
C.I. = 5.000 ppb



092092


LOG (base10) HISTOGRAM
I,IV,V GRIDS - SOIL SAMPLES
N = 383
MEAN = .617 ppb
S.D. = .574 ppb
C.I. = .150 ppb
FREQUENCY (%)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
.0000
(.10E 1)
1.2000
(.16E 2)
2.4000
(.25E 3)
3.6000
(.40E 4)
4.8000
(.63E 5)
6.0000
(.10E 7)
PT

092092



I, IV, V GRIDS - SOIL SAMPLES

PALLADIUM

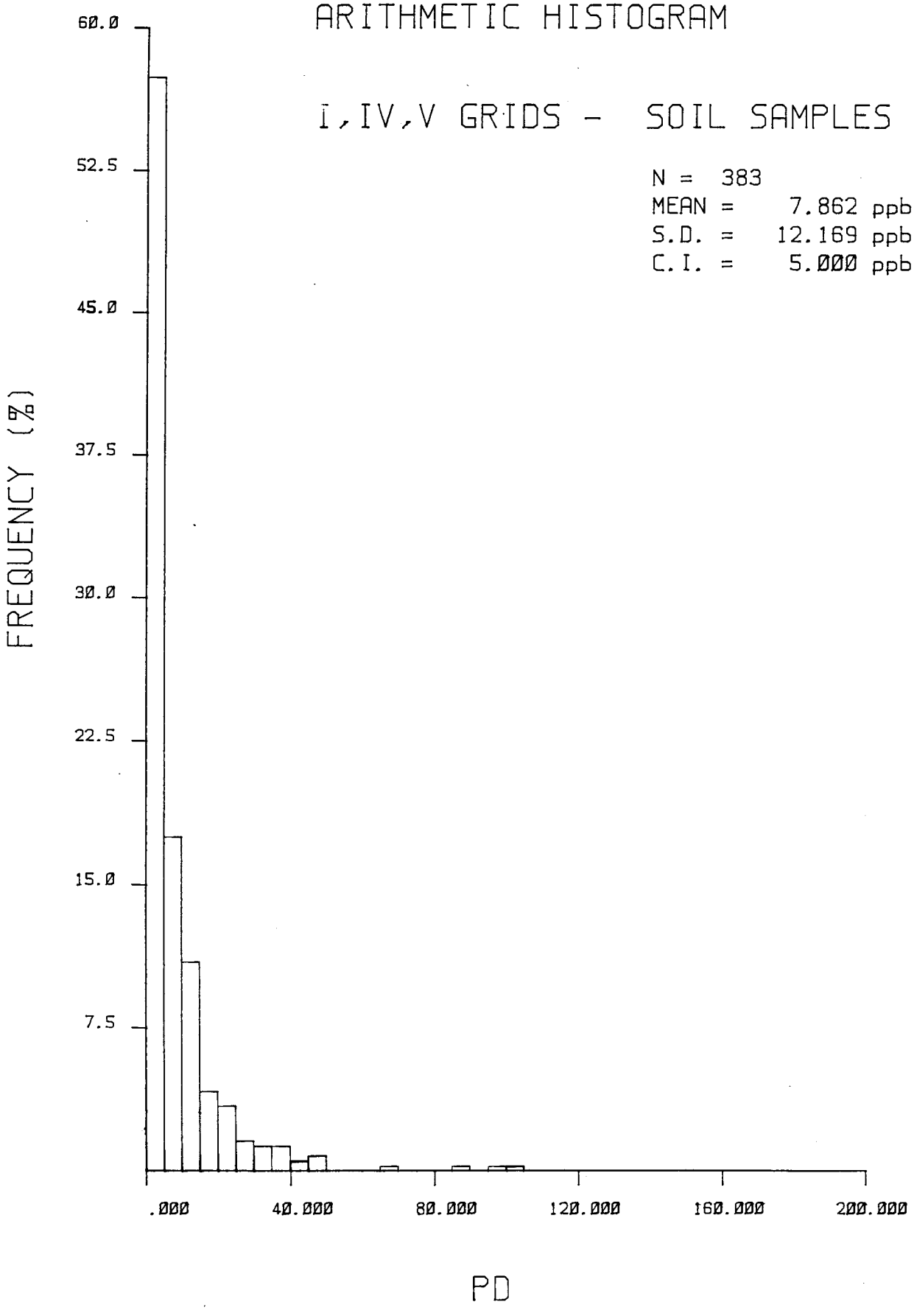
Figures 6-28, 6-29 and 6-30 show respectively an arithmetic histogram, a lognormal histogram and a cumulative percent curve for palladium in soil samples.

The arithmetic histogram shows a positively-skewed distribution and the lognormal conversion shows several overlapping populations.

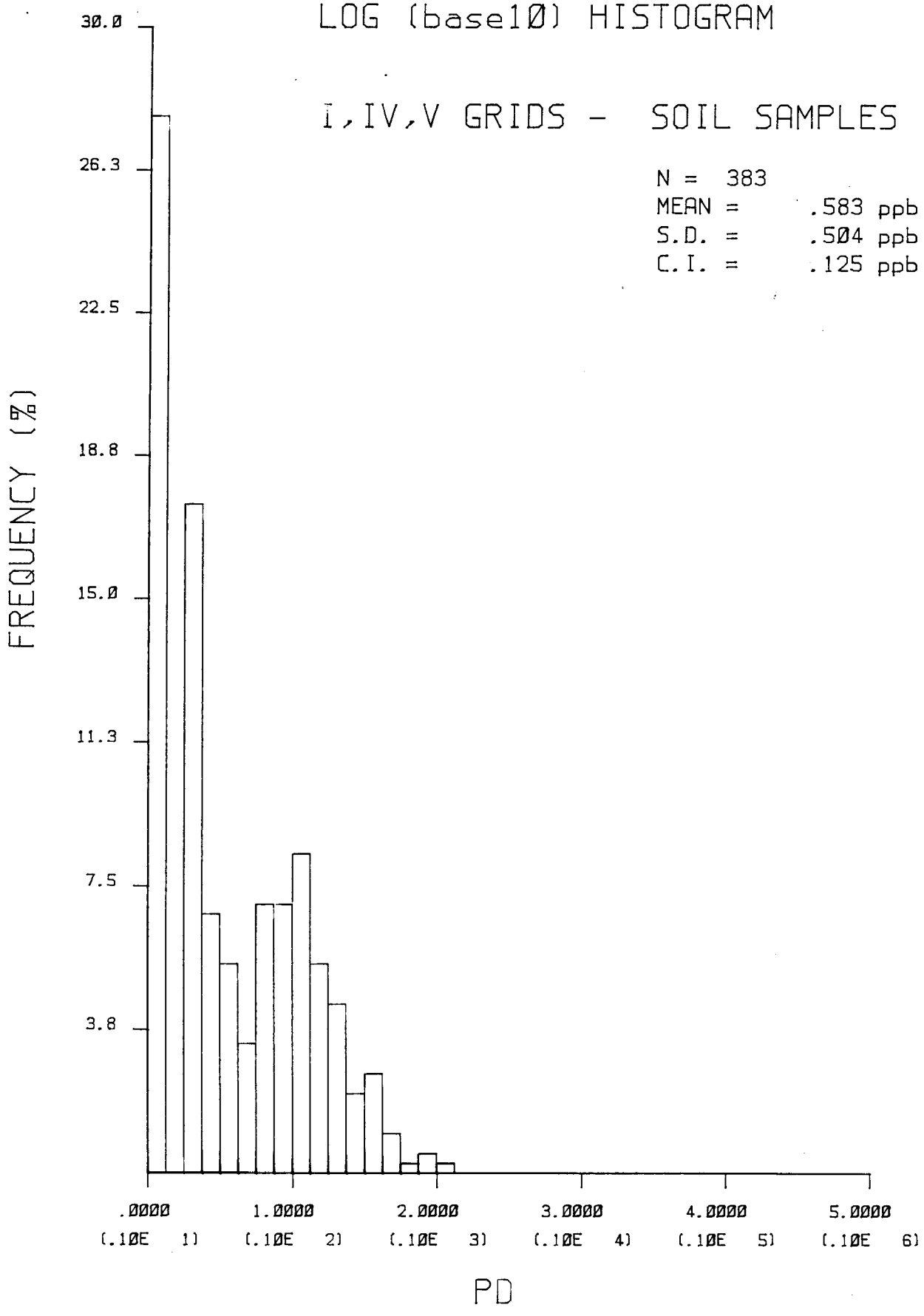
Partitioning has shown, by means of a cumulative percent curve, that three separate populations may be defined: a lower background populations (56%) with a mean of 1.5 ppb palladium and which may relate to sedimentary-volcanic rocks; an upper background population (37%) with a mean of 8 ppb palladium and which may relate to background values in mafic-ultramafic rocks and an anomalous population (7%) with a mean of 31 ppb palladium which may relate to PGM-enrichment in mafic-ultramafic rocks. High values in the range 60 to 103 ppb palladium do not appear in Figure 6-30 because of scale limitations.

Threshold values of 27, 17 and 2.8 ppb palladium were selected to separate the three populations.

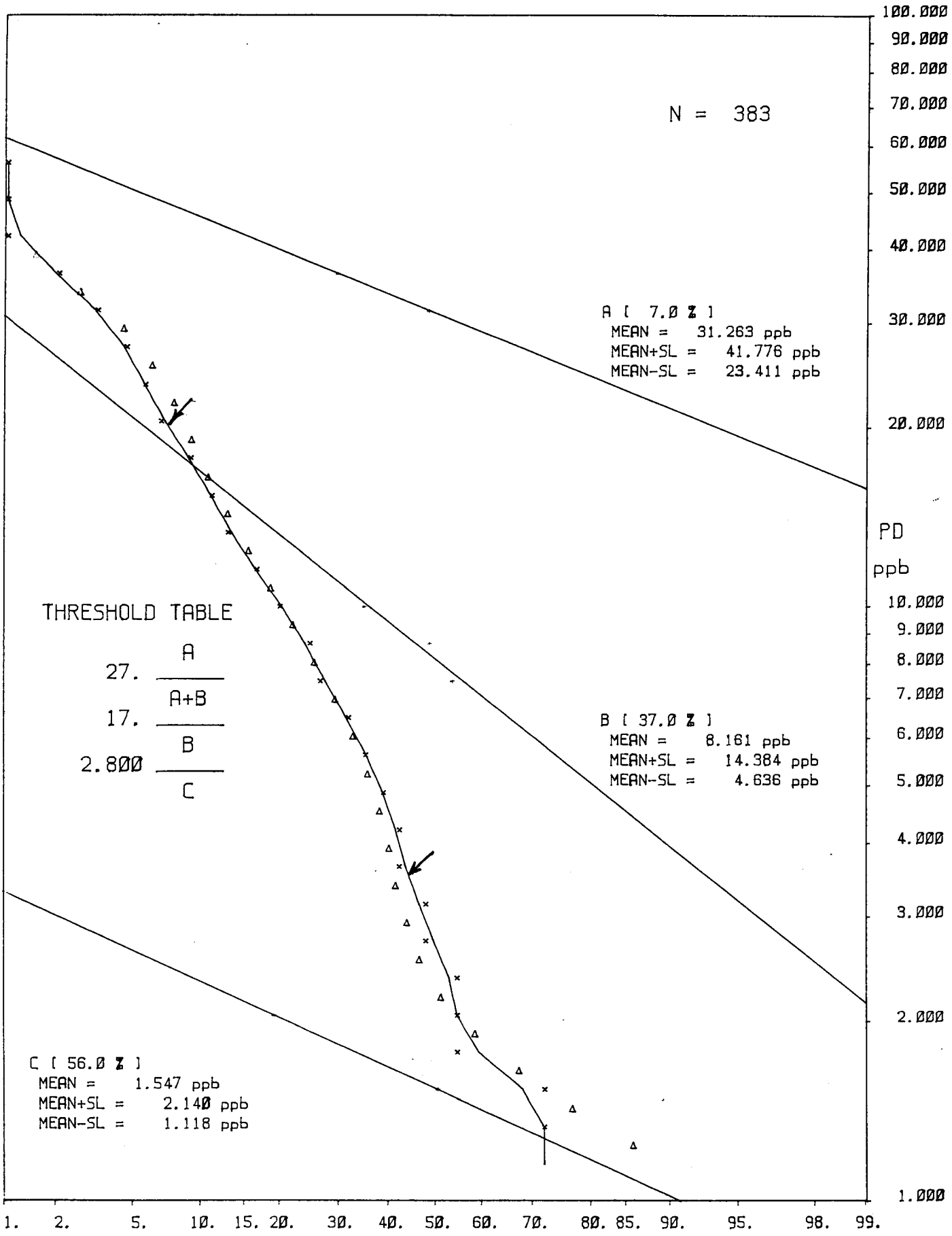
092092


ARITHMETIC HISTOGRAM
I,IV,V GRIDS - SOIL SAMPLES
N = 383
MEAN = 7.862 ppb
S.D. = 12.169 ppb
C.I. = 5.000 ppb
FREQUENCY (%)
60.0
52.5
45.0
37.5
30.0
22.5
15.0
7.5
.000
40.000
80.000
120.000
160.000
200.000
PD

092092


LOG (base10) HISTOGRAM
I,IV,V GRIDS - SOIL SAMPLES
N = 383
MEAN = .583 ppb
S.D. = .504 ppb
C.I. = .125 ppb
FREQUENCY (%)
30.0
26.3
22.5
18.8
15.0
11.3
7.5
3.8
.0000
(.10E 1)
1.0000
(.10E 2)
2.0000
(.10E 3)
3.0000
(.10E 4)
4.0000
(.10E 5)
5.0000
(.10E 6)
PD

092092



I, IV, V GRIDS - SOIL SAMPLES

6.3 Geochemistry - I Group

The results of the geochemical survey on the I claims are shown in Figure 6-31 to 6-55 inclusive. Both soil and rock samples are plotted on the geochemical plans. Variable-sized symbols are used to depict the range of each element.

The various anomalies are described briefly in the following sections. For purposes of this report, only precious metal anomalies are considered. These are rated A to B based on their partitioned values.

I Claims

The grid is divided into five parts for presentation in the report (A to E Grids). Each of these is described separately.

A Grid - I Claims

Geochemical plans for copper nickel, gold, platinum and palladium are shown in Figure 6-31 to 6-35. This is the southernmost portion of the grid.

Class B platinum-palladium anomalies were detected in rock samples at 5400N/1100-1200E and 5800N/700E. These are in the ranges 19 to >65 ppm platinum and 24 to >80 ppm palladium.

B Grid - I Claims

Geochemical plans for copper, nickel, gold, platinum and palladium are shown in Figure 6-36 to 6-40.

Class B anomalies in platinum were obtained in several places along Lines 9350N, 8600N and 8200N. Two of these have coincident palladium anomalies: 8600N/650E and 8200/1000E.

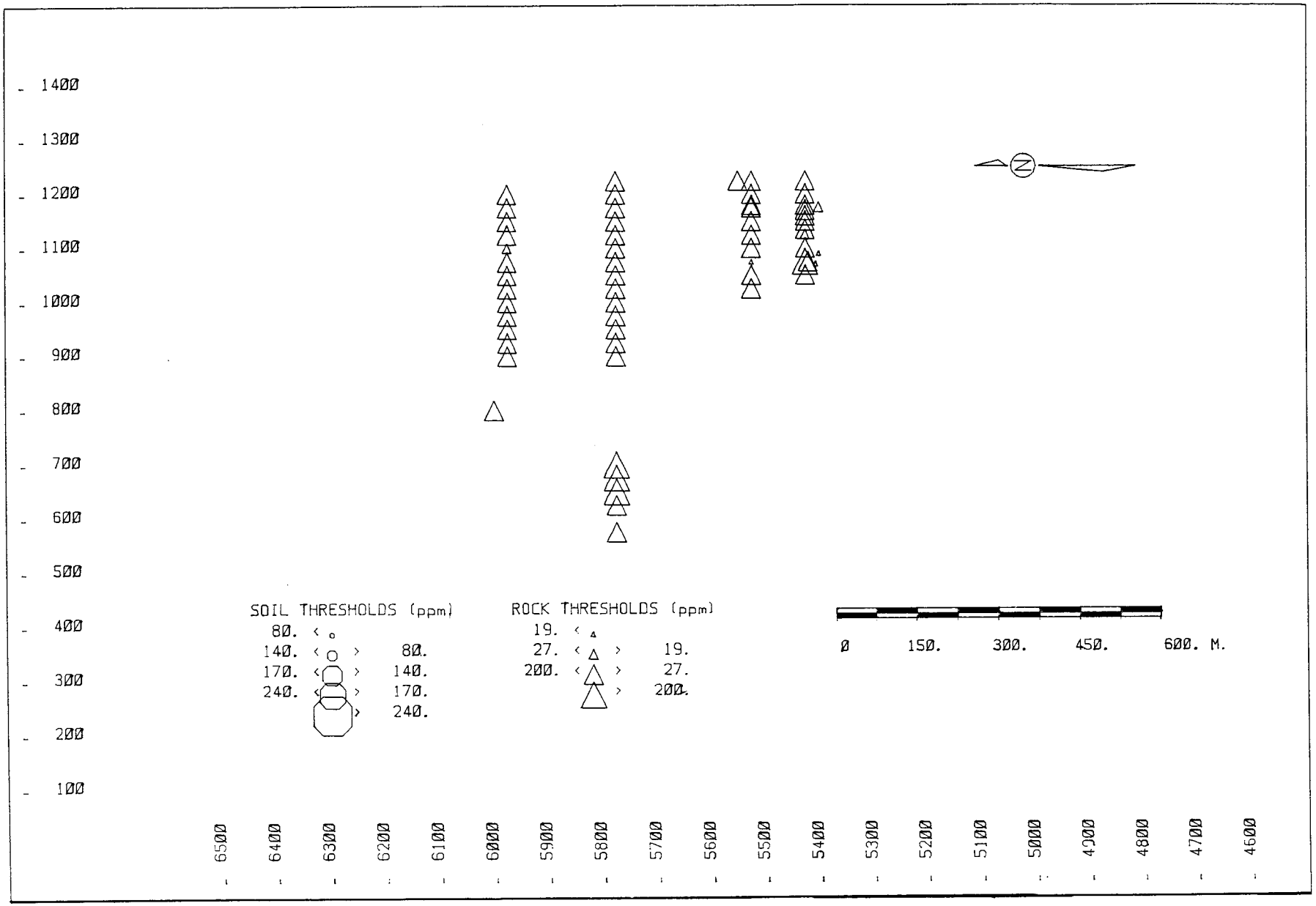
C Grid - I Claims

Geochemical plans for copper, nickel, gold, platinum and palladium are shown in Figures 6-41 to 6-45.

Class A anomalies in gold were detected at 10000N/850E, at 10200N/850-950E and 10650N/700E.

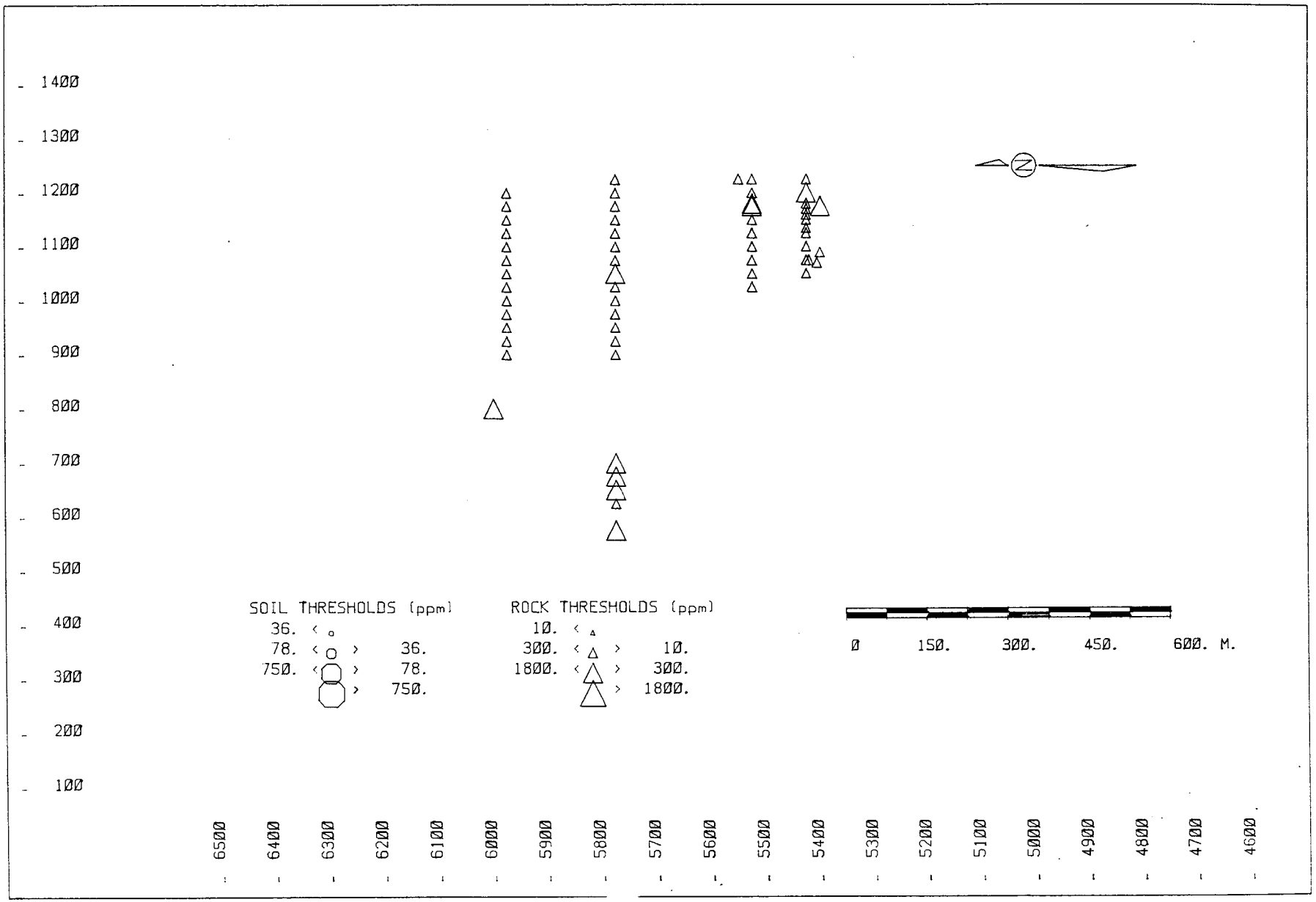
092092

KLUANE PROJECT I CLAIMS - A GRID - CU GEOCHEMISTRY (ppm)



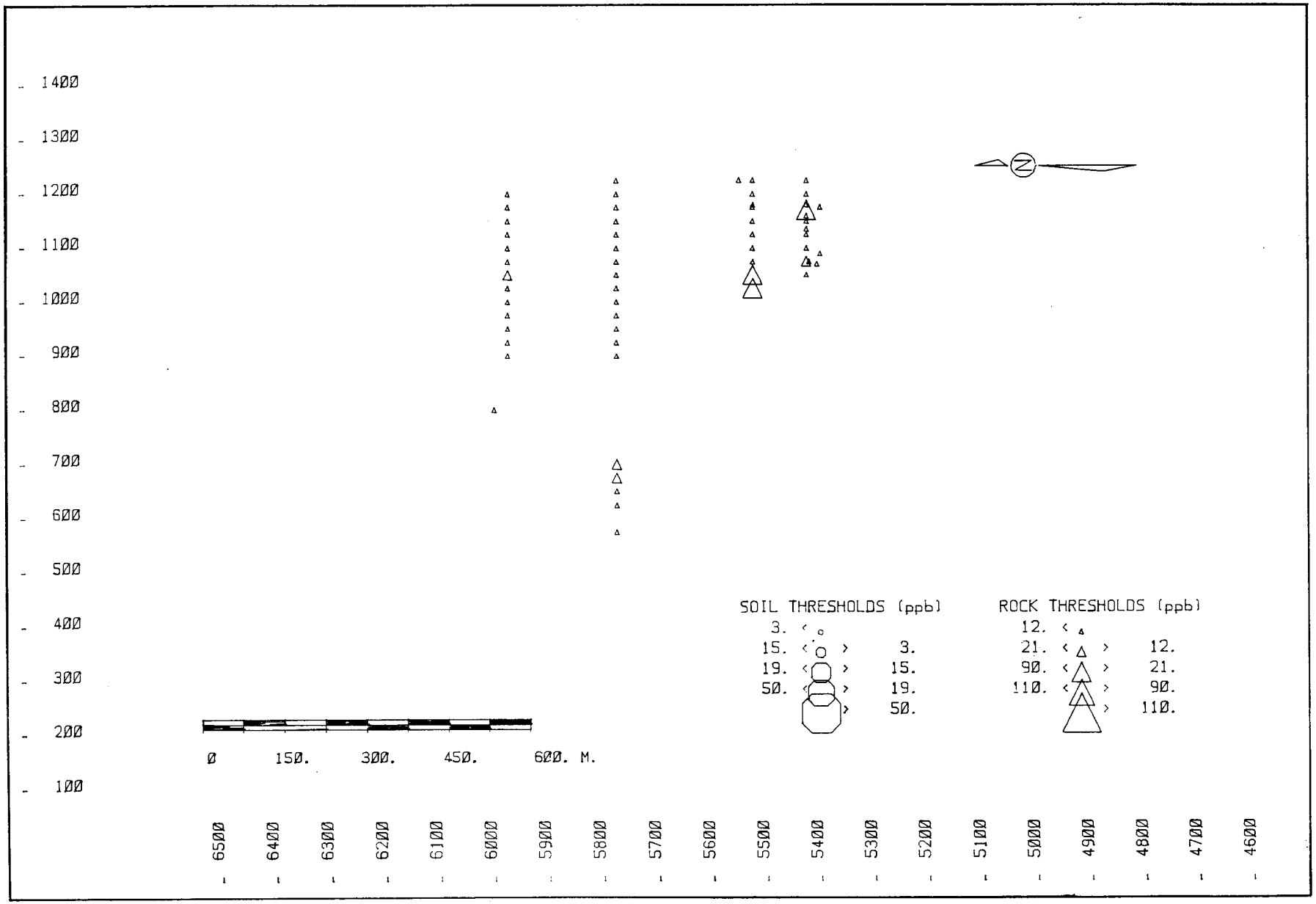
092092

KLUANE PROJECT I CLAIMS - A GRID - NI GEOCHEMISTRY (ppm)



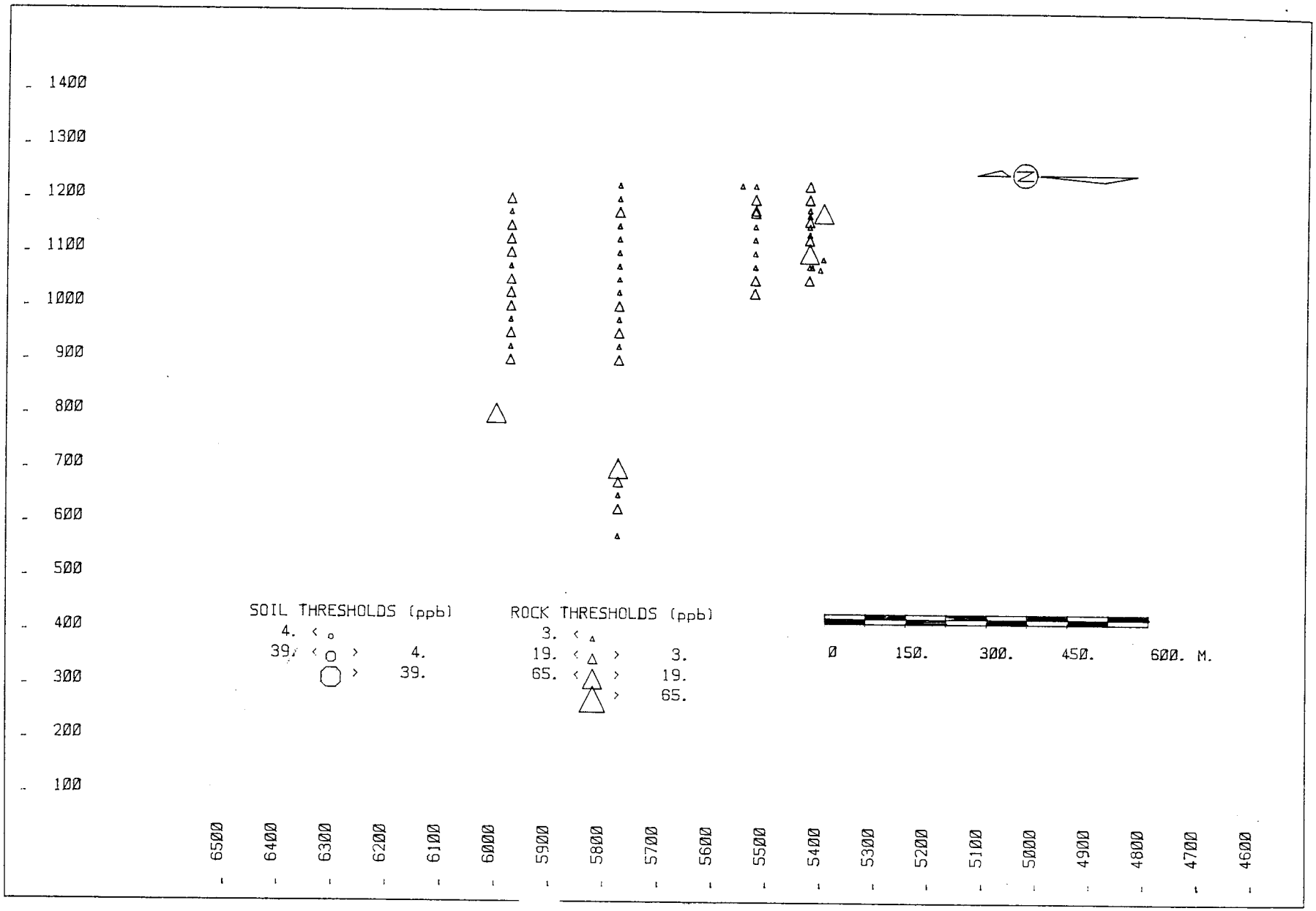
092060

KLUANE PROJECT I CLAIMS - A GRID - AU GEOCHEMISTRY (ppb)



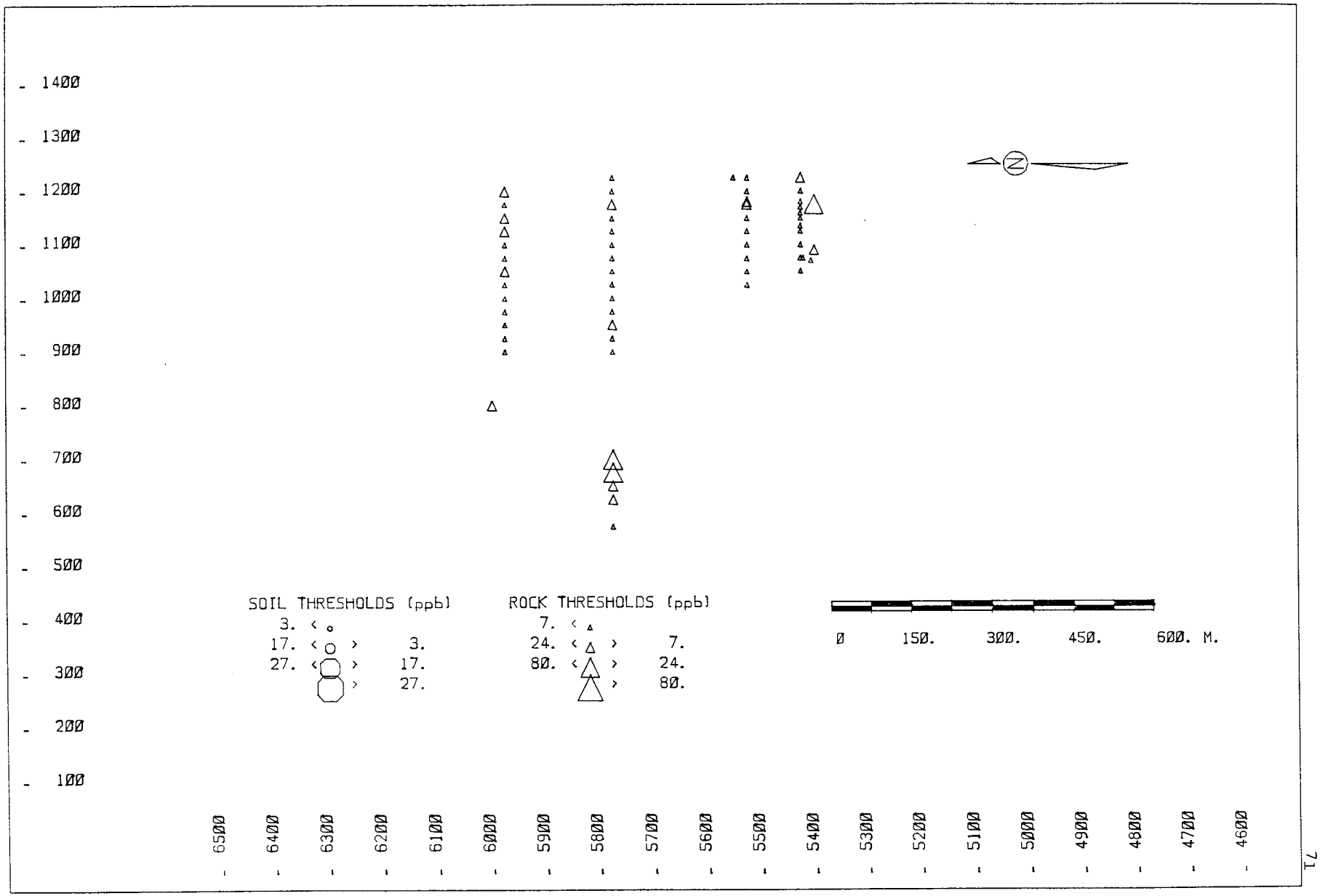
092092

KLUANE PROJECT I CLAIMS - A GRID - PT GEOCHEMISTRY (ppb)



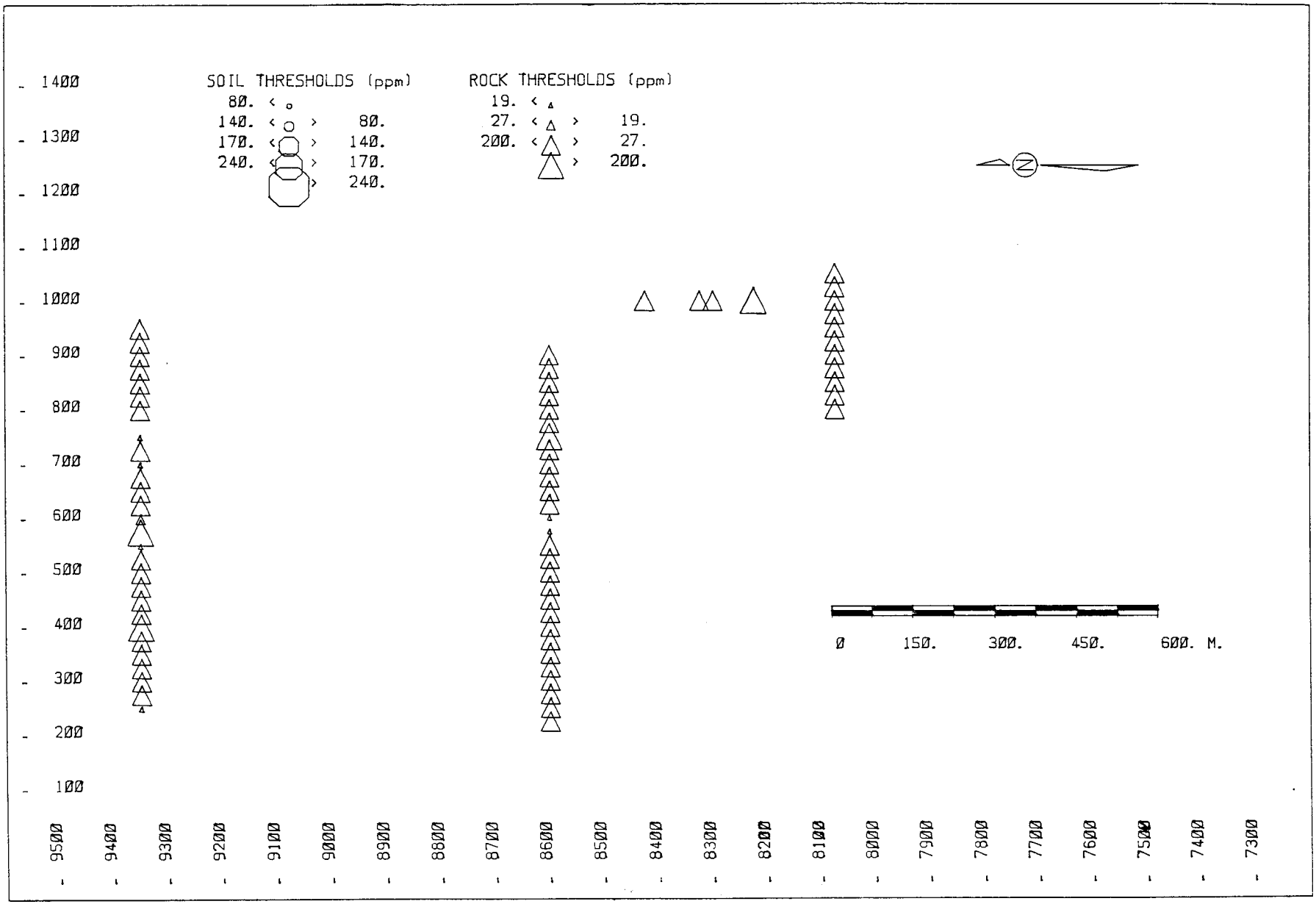
092092

KLUANE PROJECT I CLAIMS - A GRID - PD GEOCHEMISTRY (ppb)



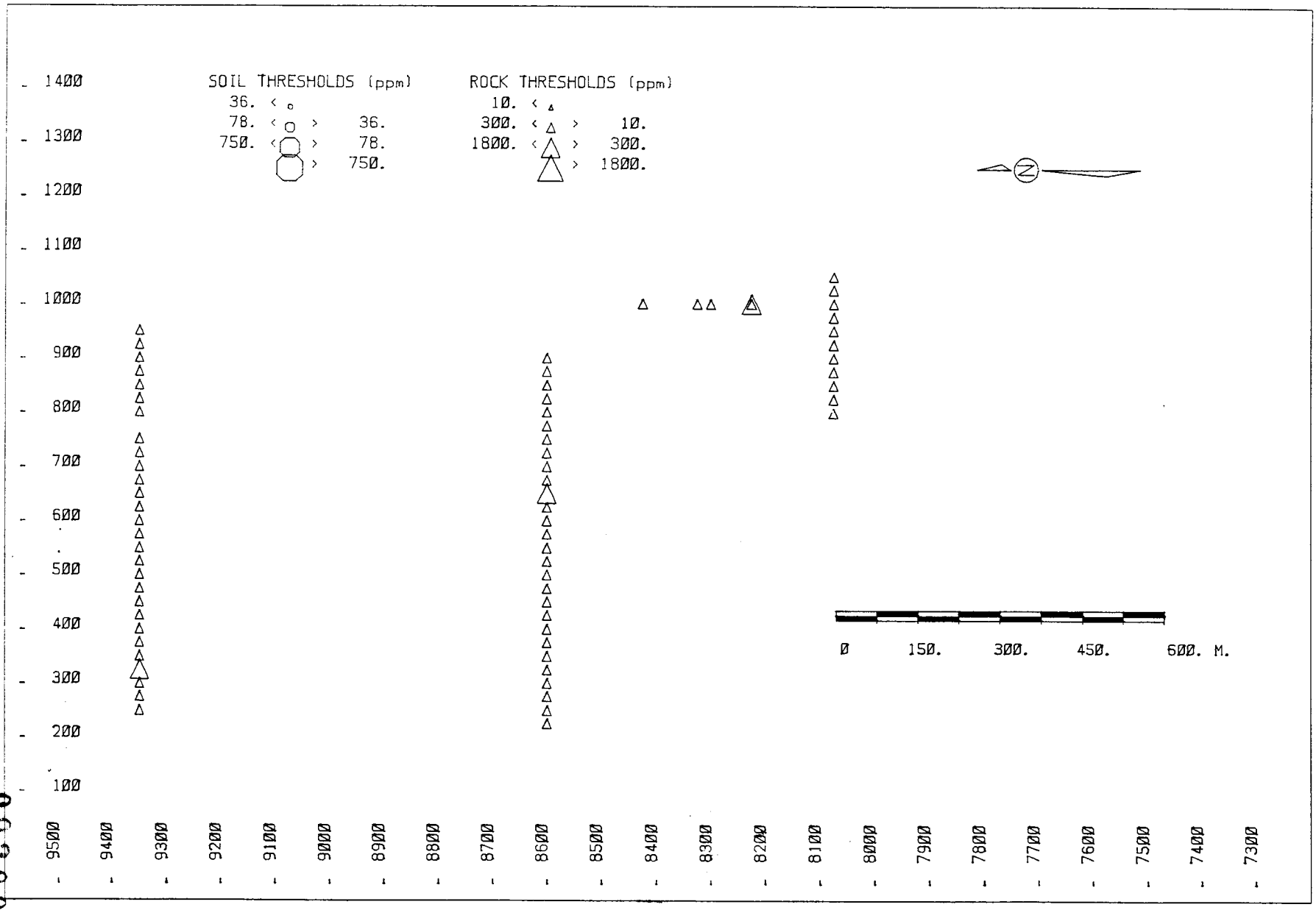
090269

KLUANE PROJECT I CLAIMS - B GRID - CU GEOCHEMISTRY (ppm)



092092

KLUANE PROJECT I CLAIMS - B GRID - NI GEOCHEMISTRY (ppm)



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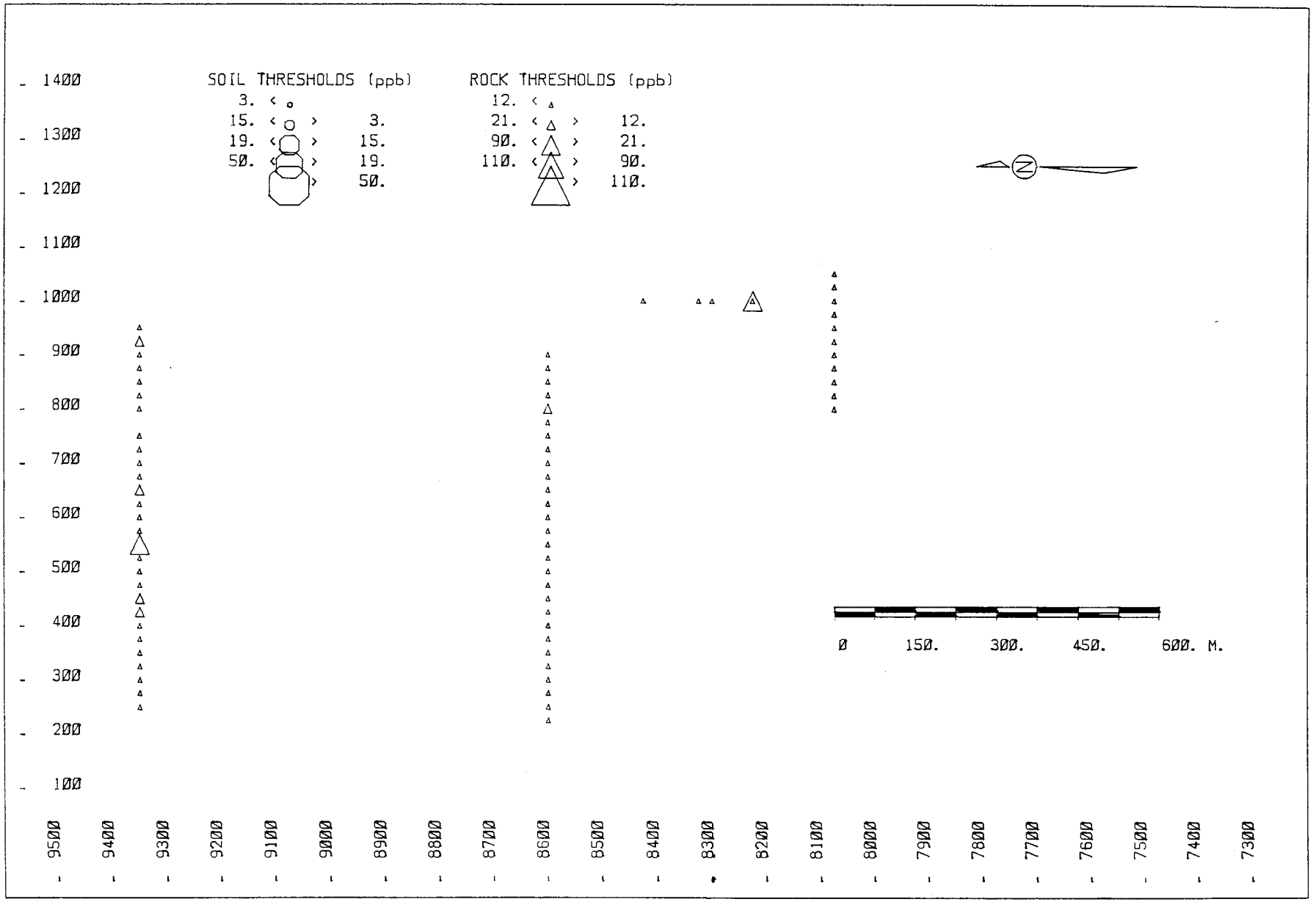
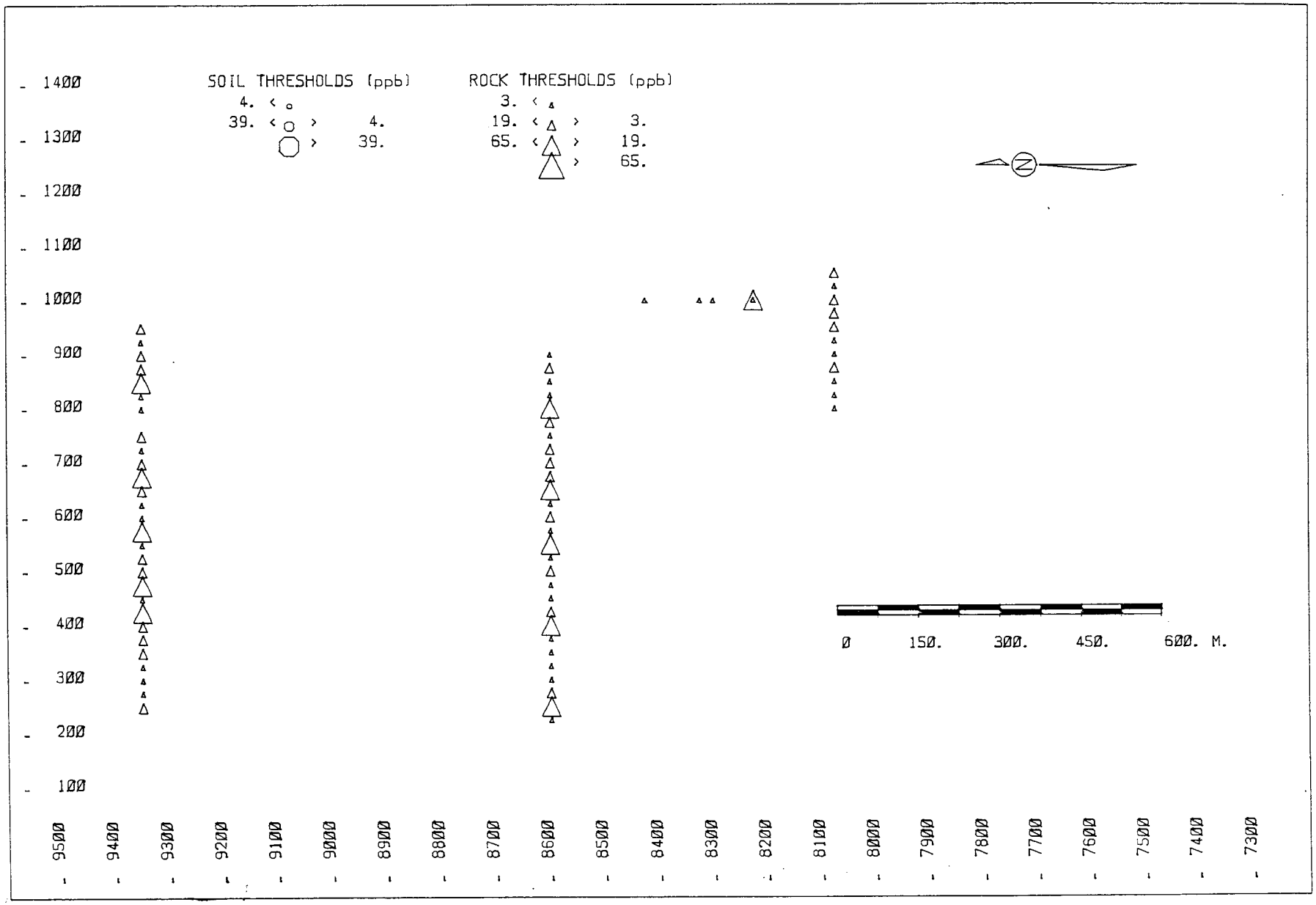
KLUANE PROJECT I CLAIMS - B GRID - AU GEOCHEMISTRY (ppb)



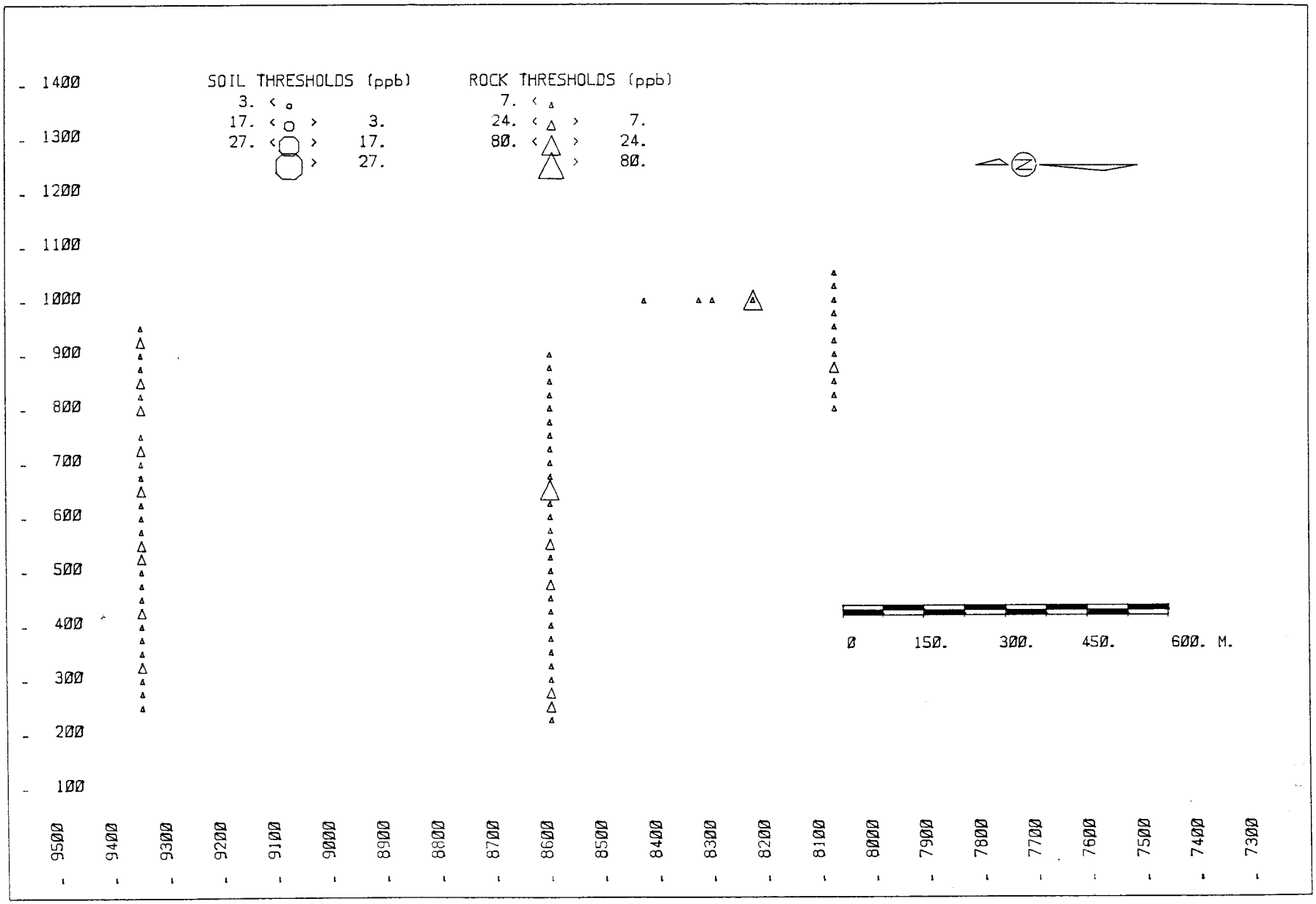
092092

KLUANE PROJECT I CLAIMS - B GRID - PT GEOCHEMISTRY (ppb)



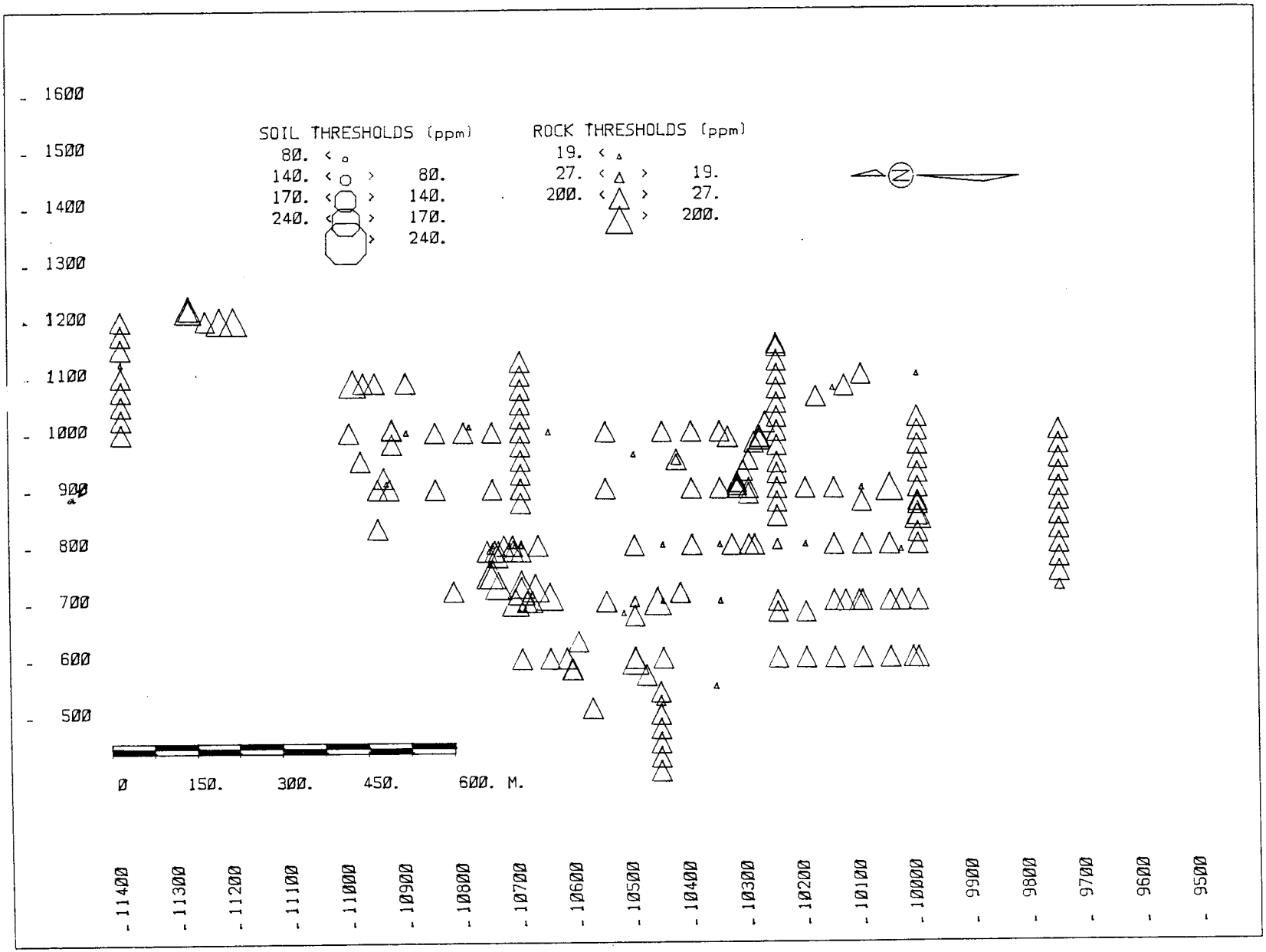
82G/2E

KLUANE PROJECT I CLAIMS - B GRID - PD GEOCHEMISTRY (ppb)



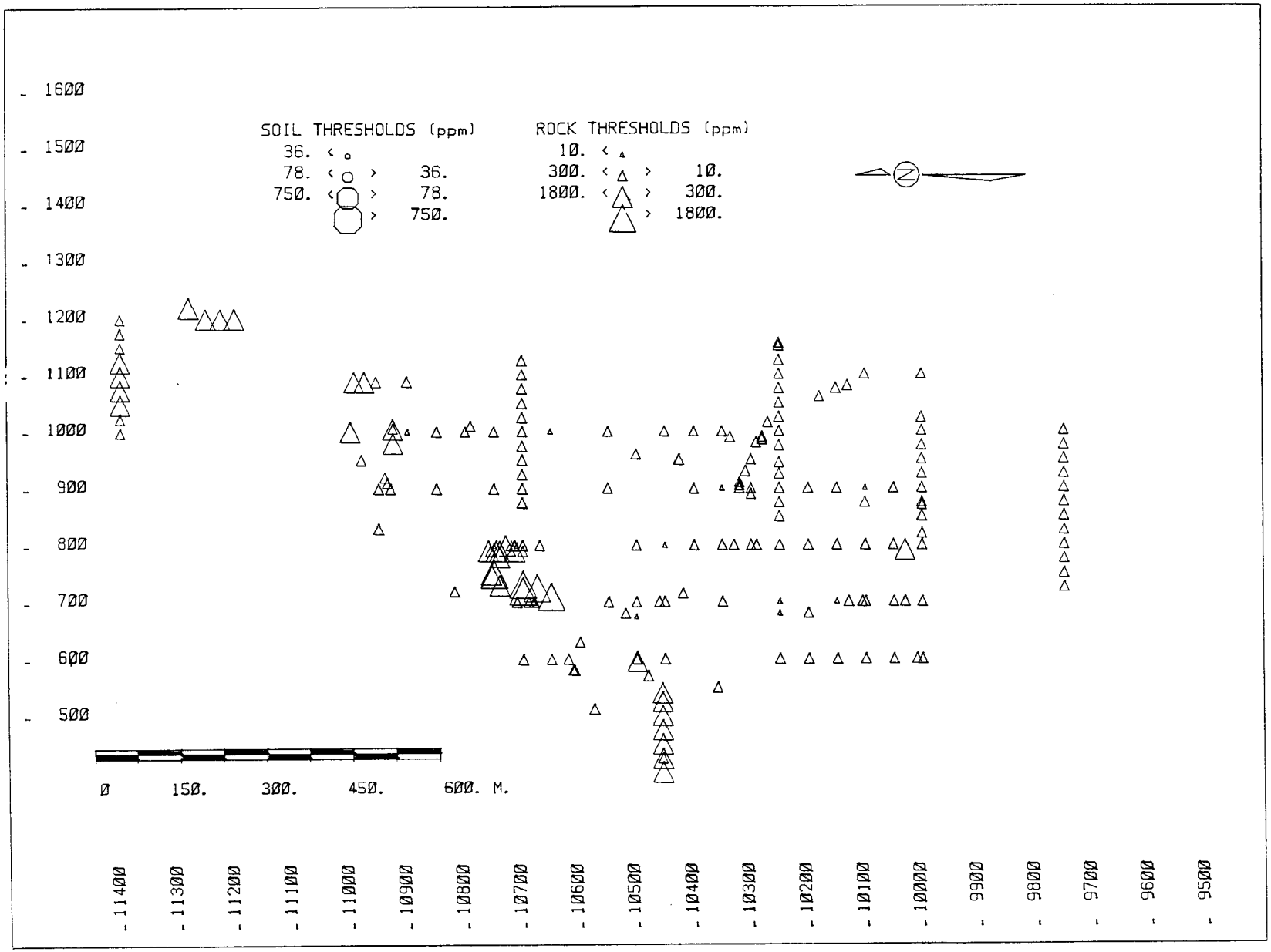
092092

KLUANE PROJECT I CLAIMS - C GRID - CU GEOCHEMISTRY (ppm)



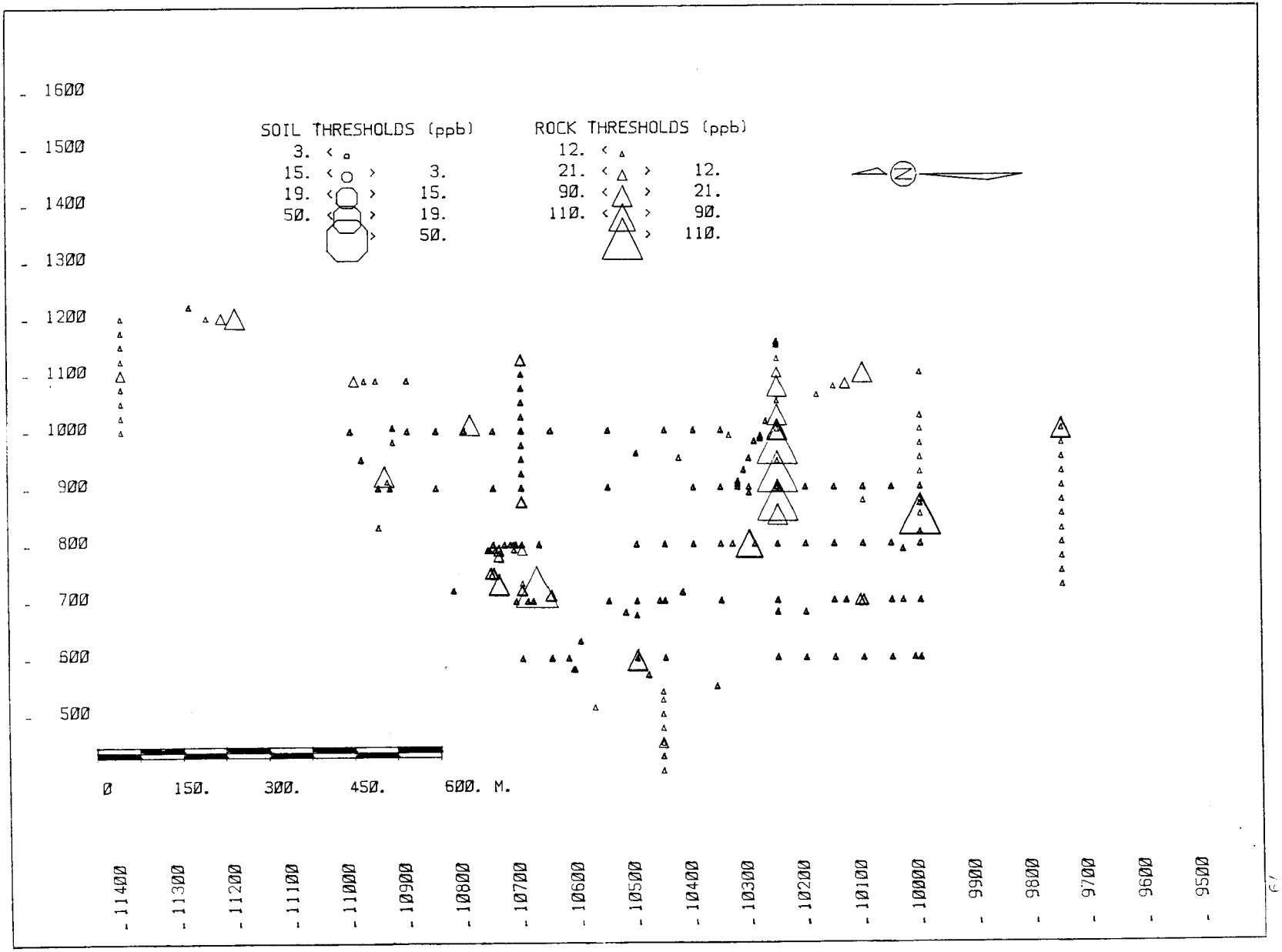
660250

KLUANE PROJECT I CLAIMS - C GRID - NI GEOCHEMISTRY (ppm)



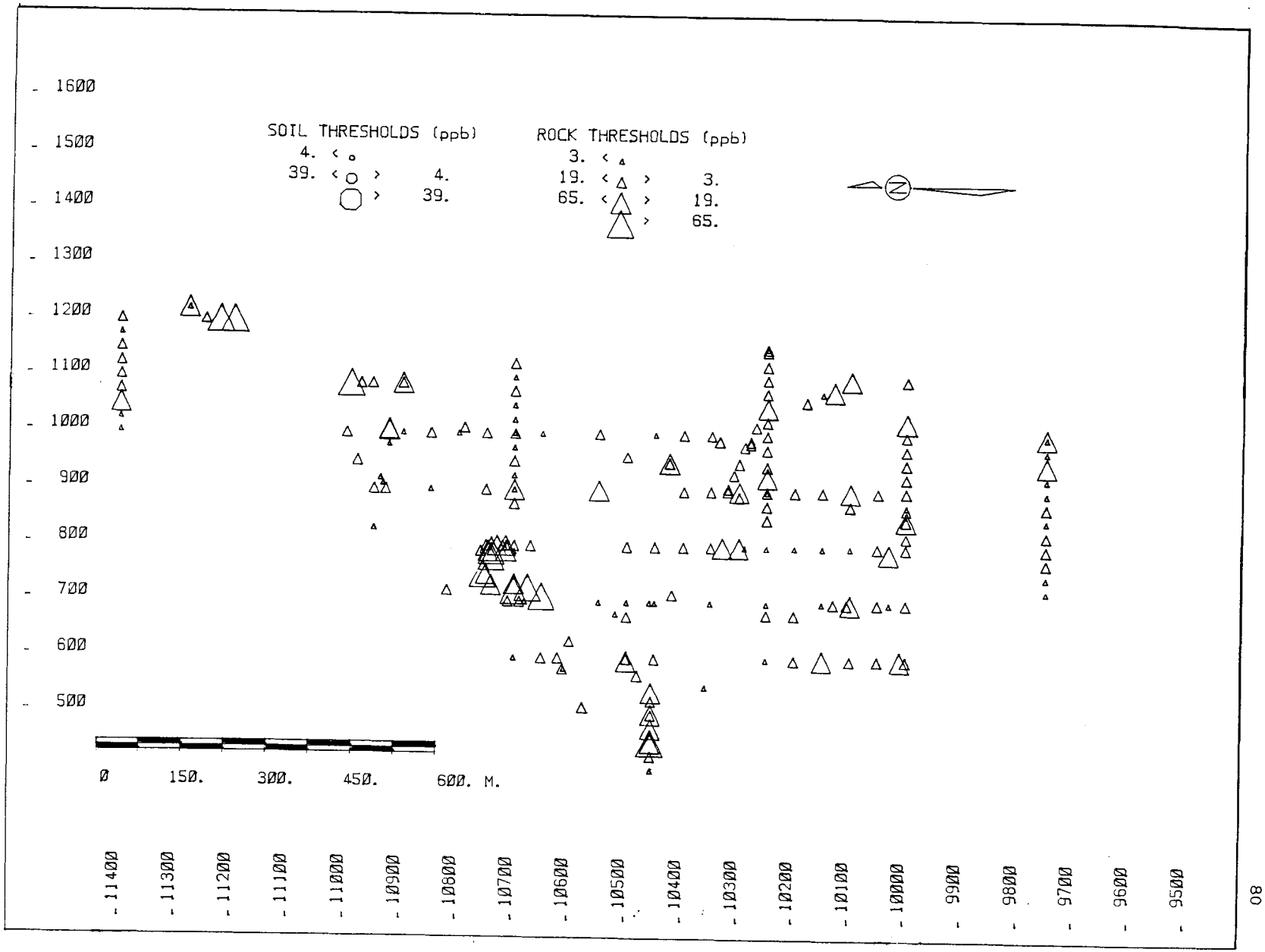
092092

KLUANE PROJECT I CLAIMS - C GRID - AU GEOCHEMISTRY (ppb)



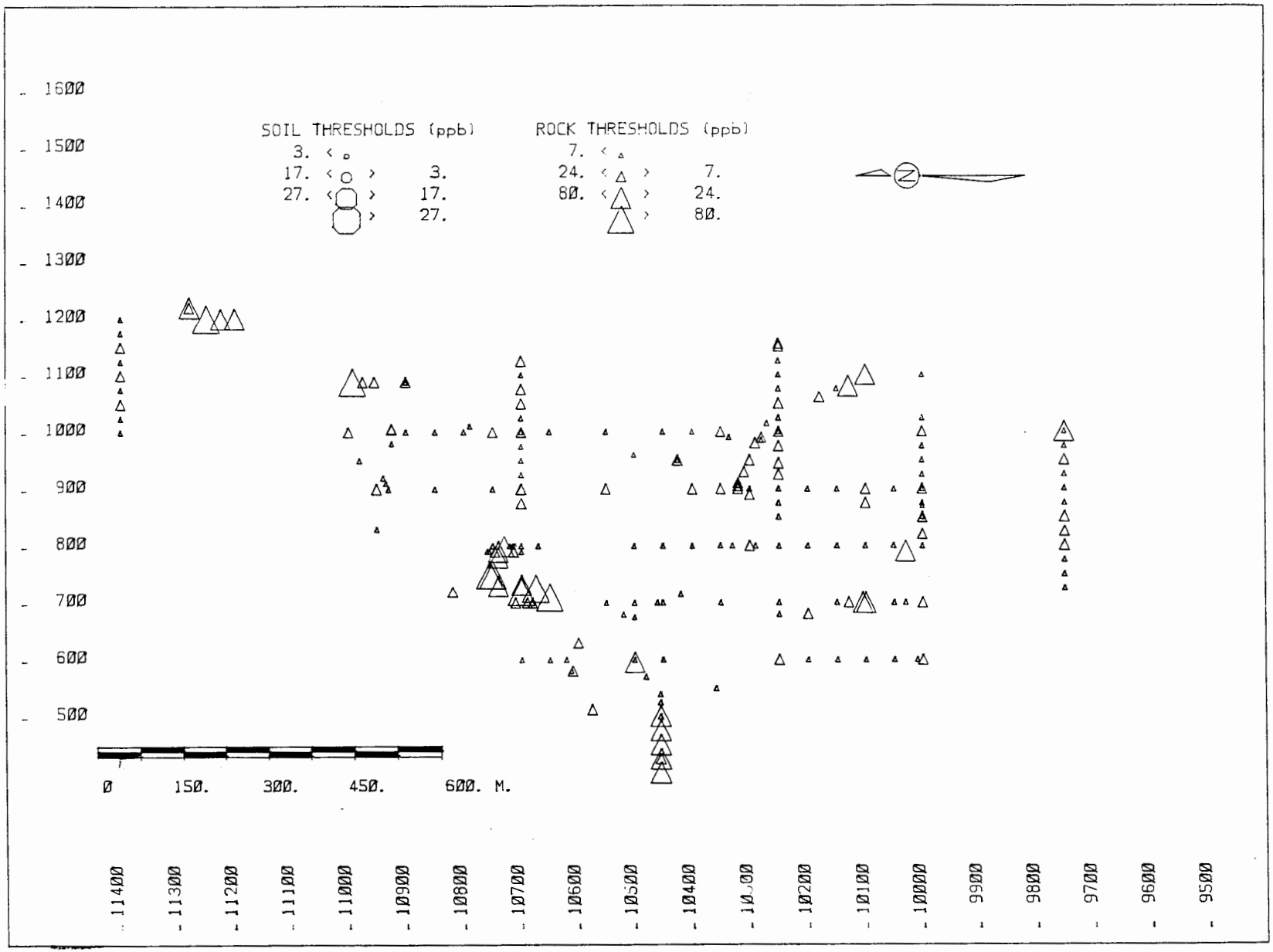
092092

KLUANE PROJECT I CLAIMS - C GRID - PT GEOCHEMISTRY (ppb)



092092

KLUANE PROJECT I CLAIMS - C GRID - PD GEOCHEMISTRY (ppb)



092092

These are in the range greater than 110 ppb gold. One class B gold is present at 10300N/800E.

Class A platinum-palladium anomalies were detected at 10700N/700-800E and 11200N/1200E. Several class B platinum-palladium anomalies are also present within the grid area.

D Grid - I Claims

Geochemical plans for copper, nickel, gold, platinum and palladium are shown in Figures 6-46 to 6-50.

Class A platinum anomalies are found at 11550N/1150E and 13200N/1000E. Neither have palladium anomalies coincident. One Class B platinum anomaly at 11700N/1000E is coincident with a Class B palladium anomaly. Class B palladium anomalies were also found at 12350N/1100E, 12000N/1500E, and at 11900N/1100E.

E Grid - I Claims

Geochemical plans for copper, nickel, gold, platinum and palladium are shown in Figures 6-51 to 6-55.

Class B platinum anomalies were detected at 17300N/950E, 16950N/850E and 16350N/1000E. Palladium is anomalous to level B only in the latter anomaly.

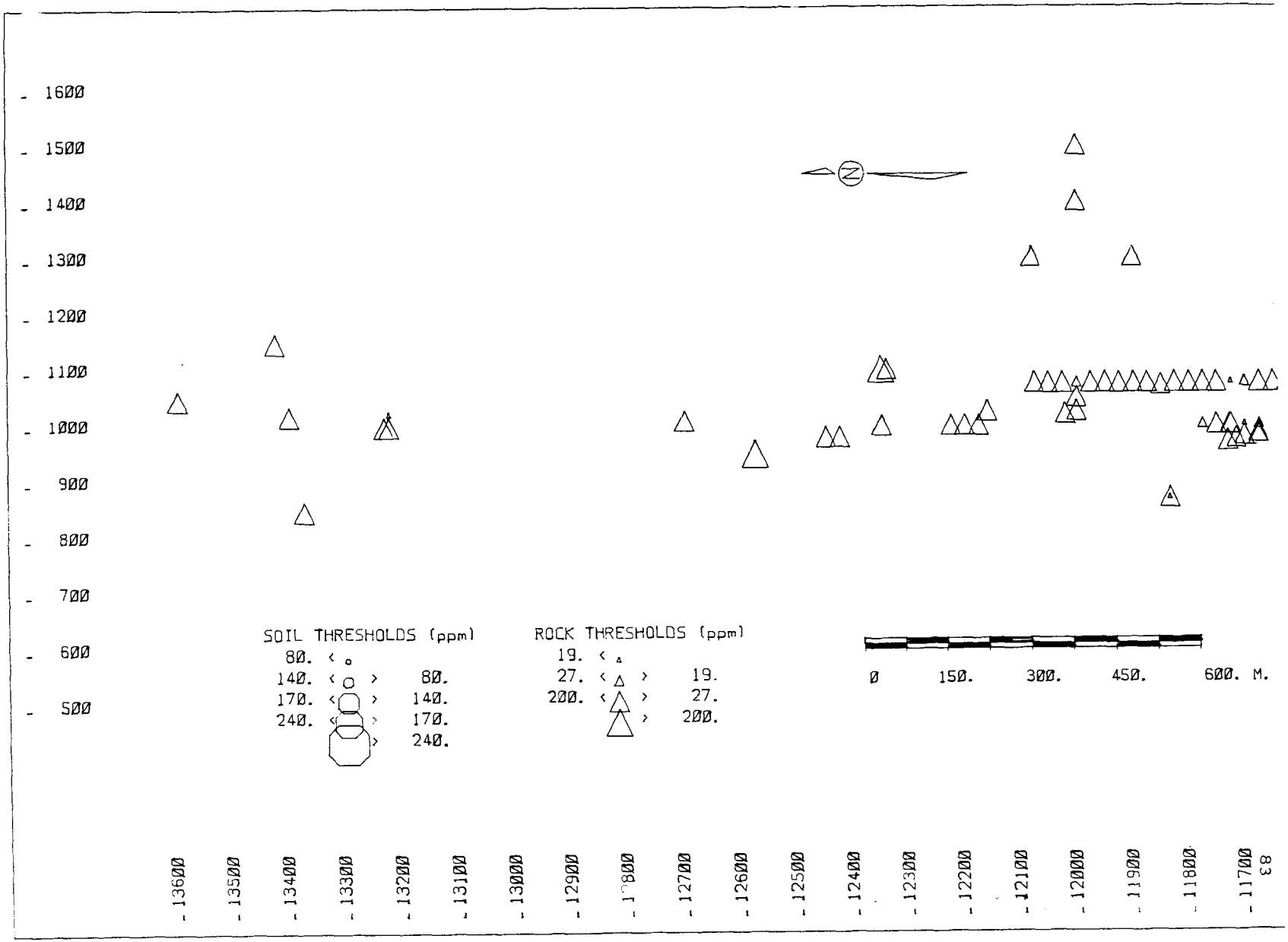
6.4 Geochemistry - IV Group

The results of the geochemical survey on the IV claims are shown in Figures 6-56 to 6-60 inclusive. Both soil and rock samples are plotted on the geochemical plans. Variable-sized symbols are used to depict the range of each element.

Only the precious metal anomalies (A or B) are considered in this report based on the partitioned populations determined in the previous chapter.

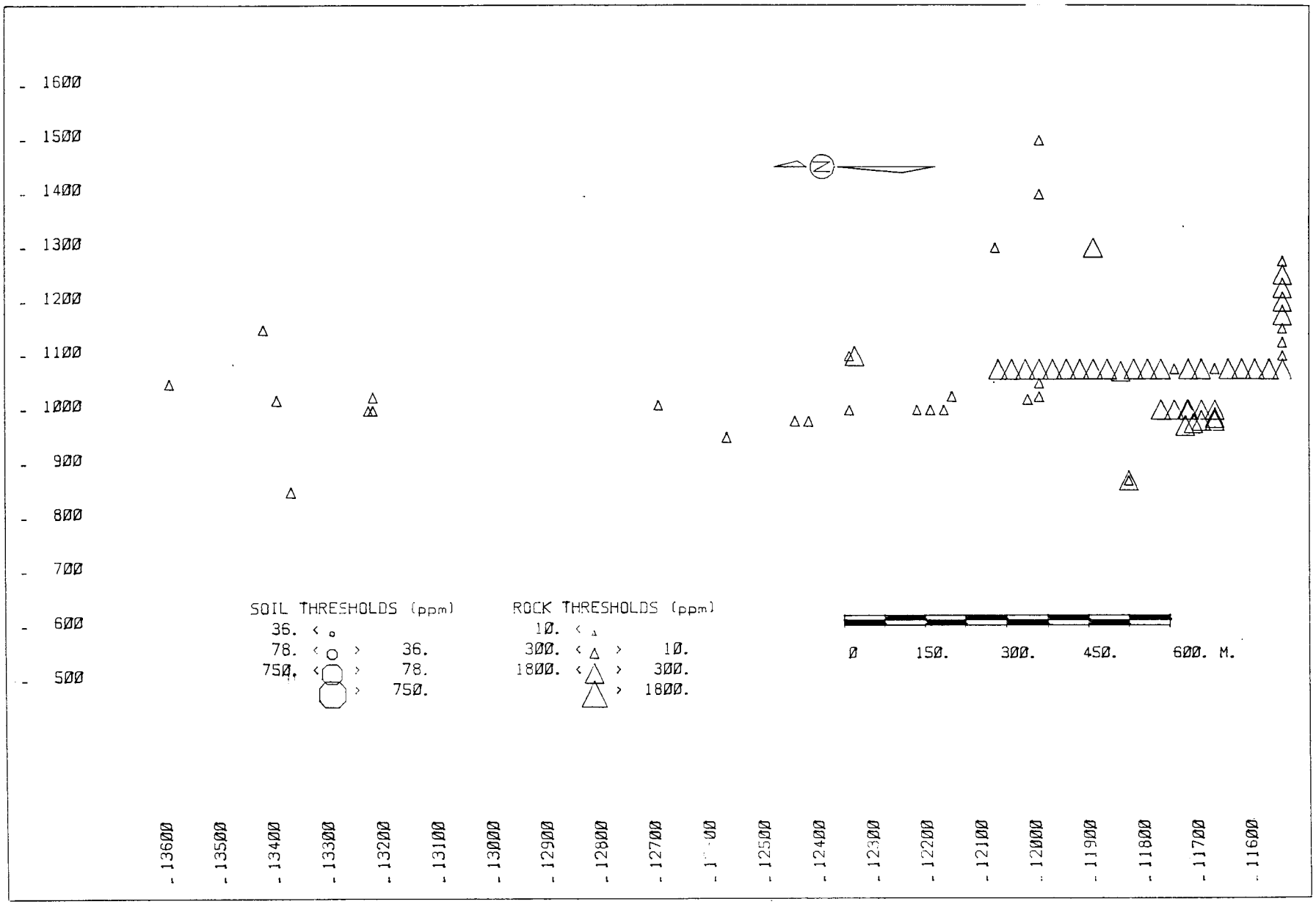
092092

KLUANE PROJECT I CLAIMS - D GRID - CU GEOCHEMISTRY (ppm)



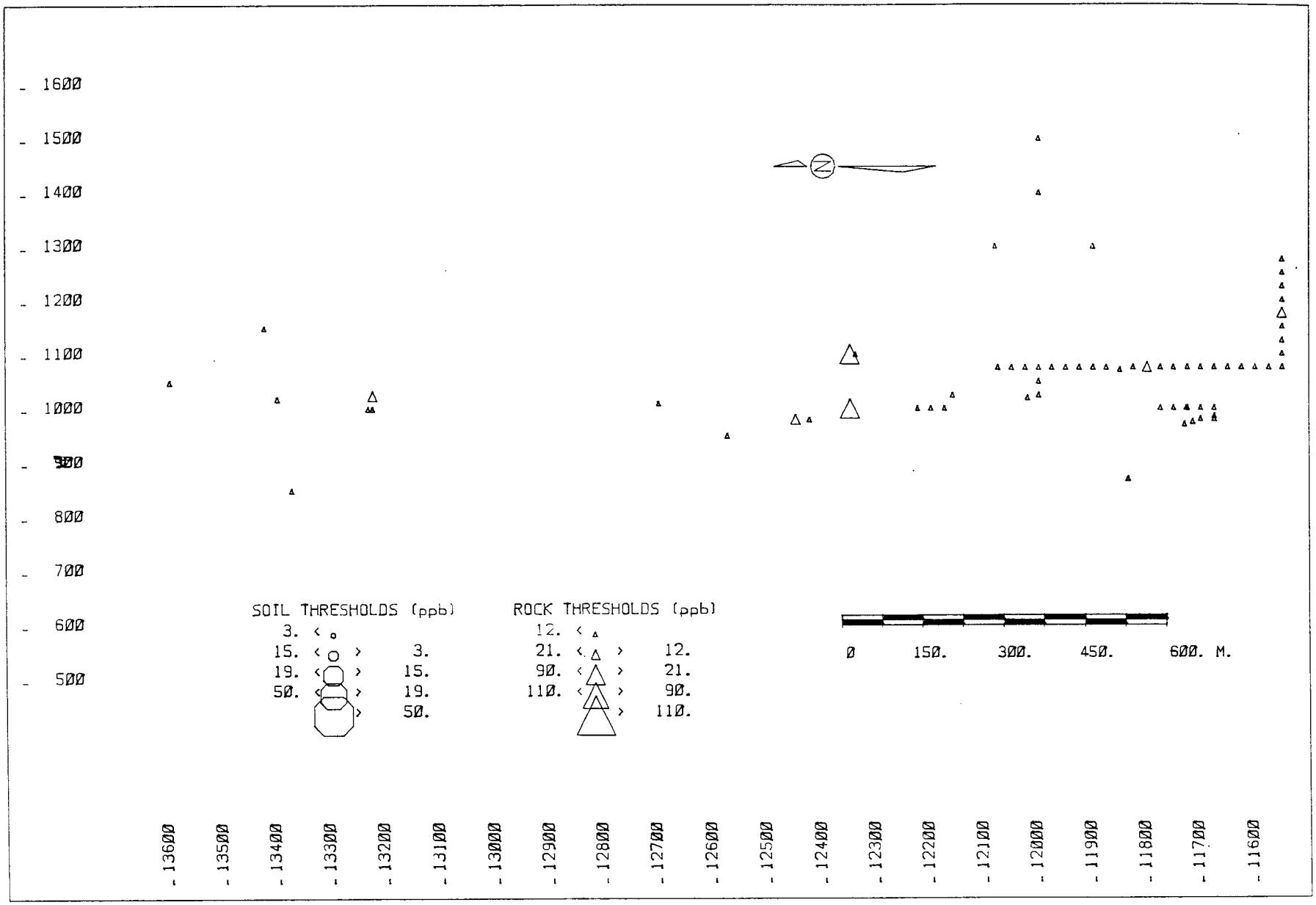
092092

KLUANE PROJECT I CLAIMS - D GRID - NI GEOCHEMISTRY (ppm)

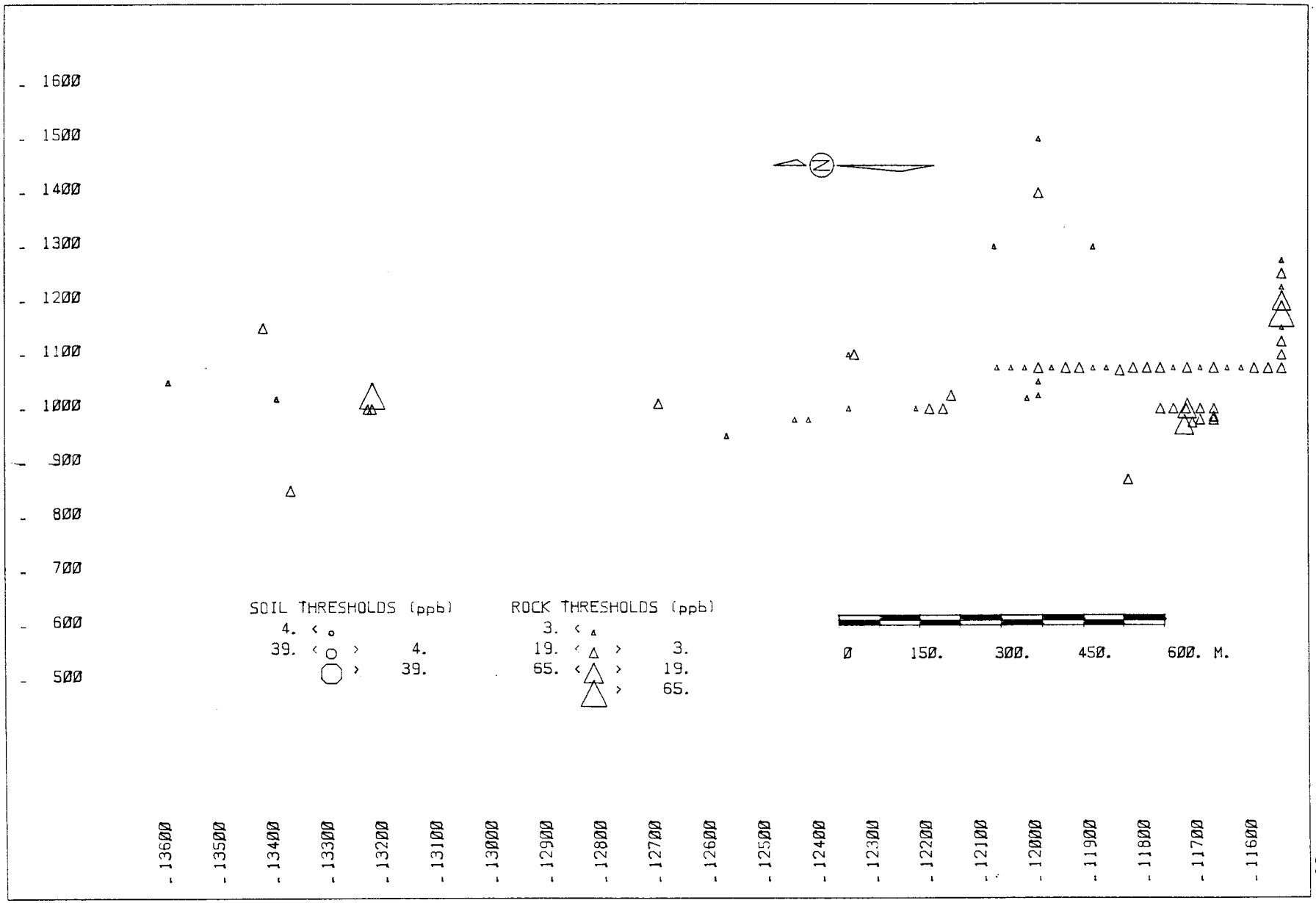


2602092

KLUANE PROJECT I CLAIMS - D GRID - AU GEOCHEMISTRY (ppb)

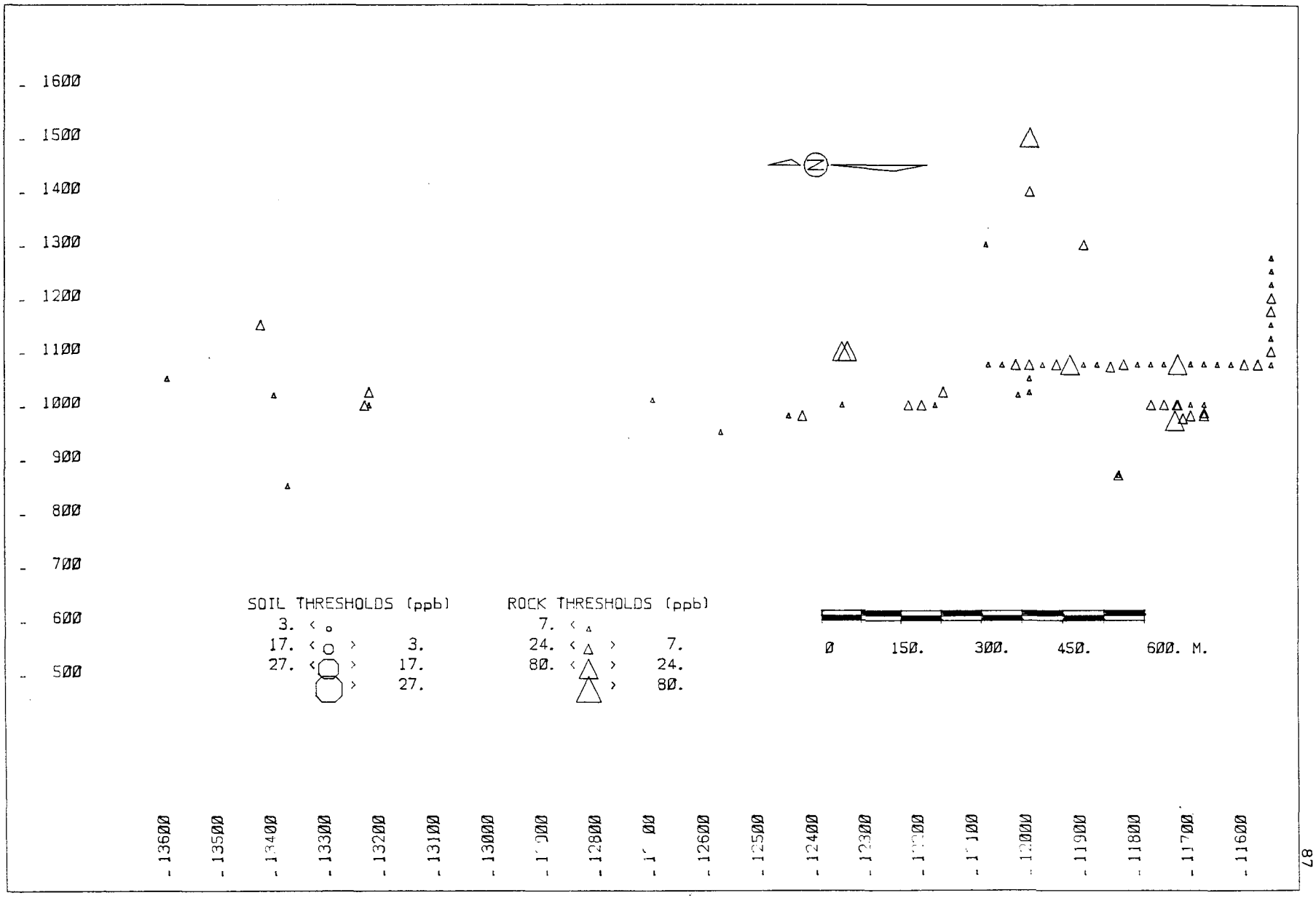


KLUANE PROJECT I CLAIMS - D GRID - PT GEOCHEMISTRY (ppb)



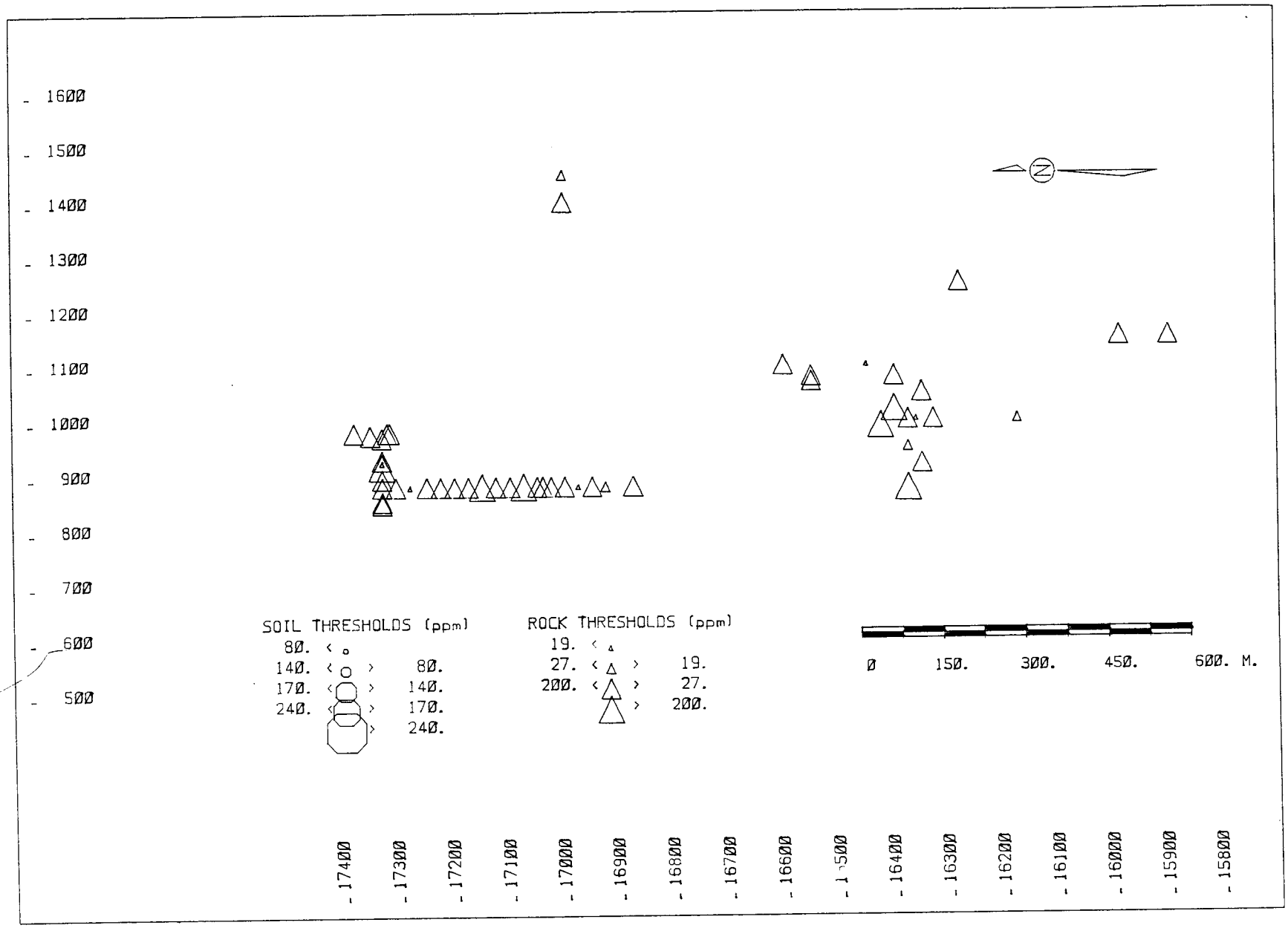
092092

KLUANE PROJECT I CLAIMS - D GRID - PD GEOCHEMISTRY (ppb)



260260

KLUANE PROJECT I CLAIMS - E GRID - CU GEOCHEMISTRY (ppm)



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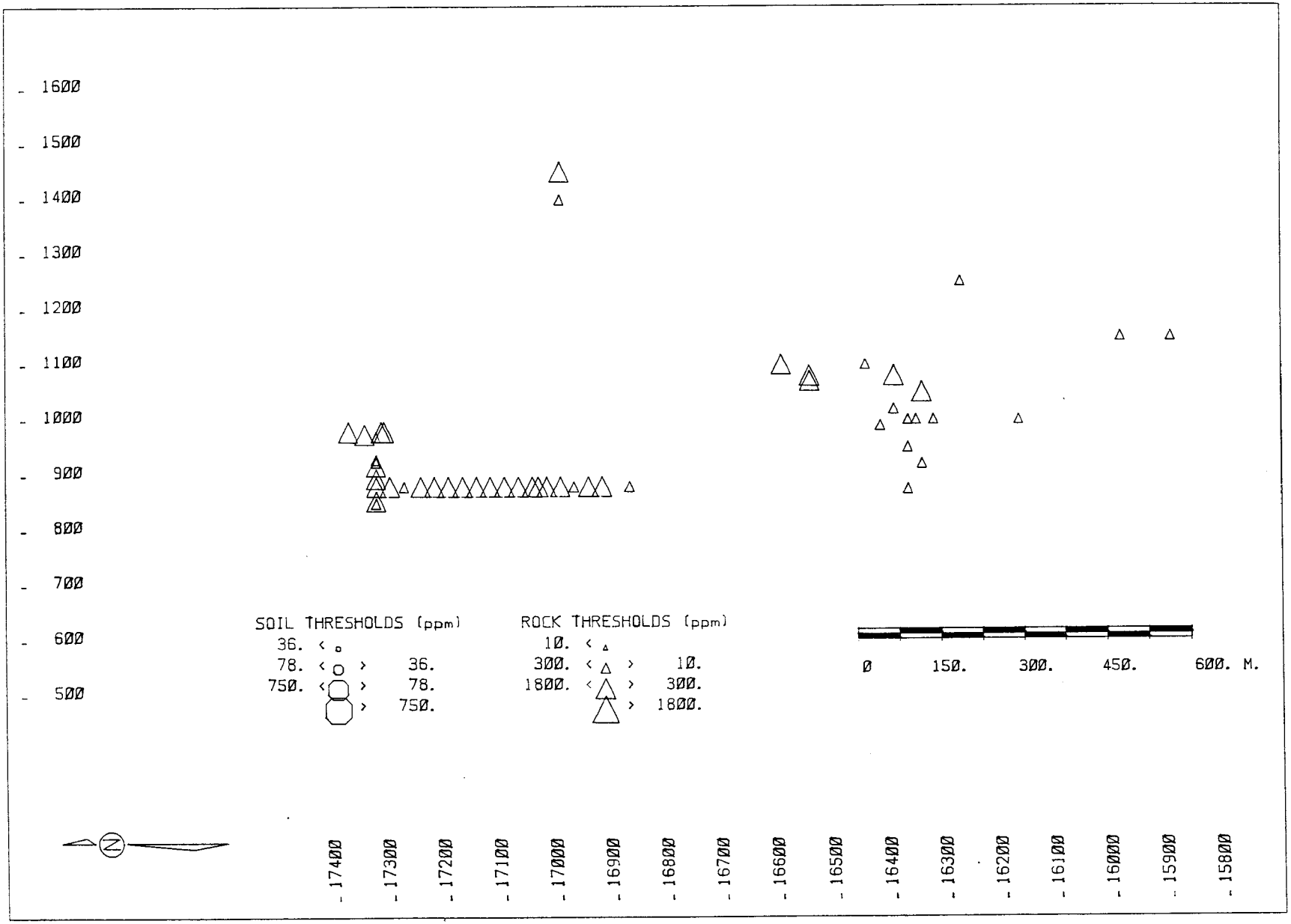
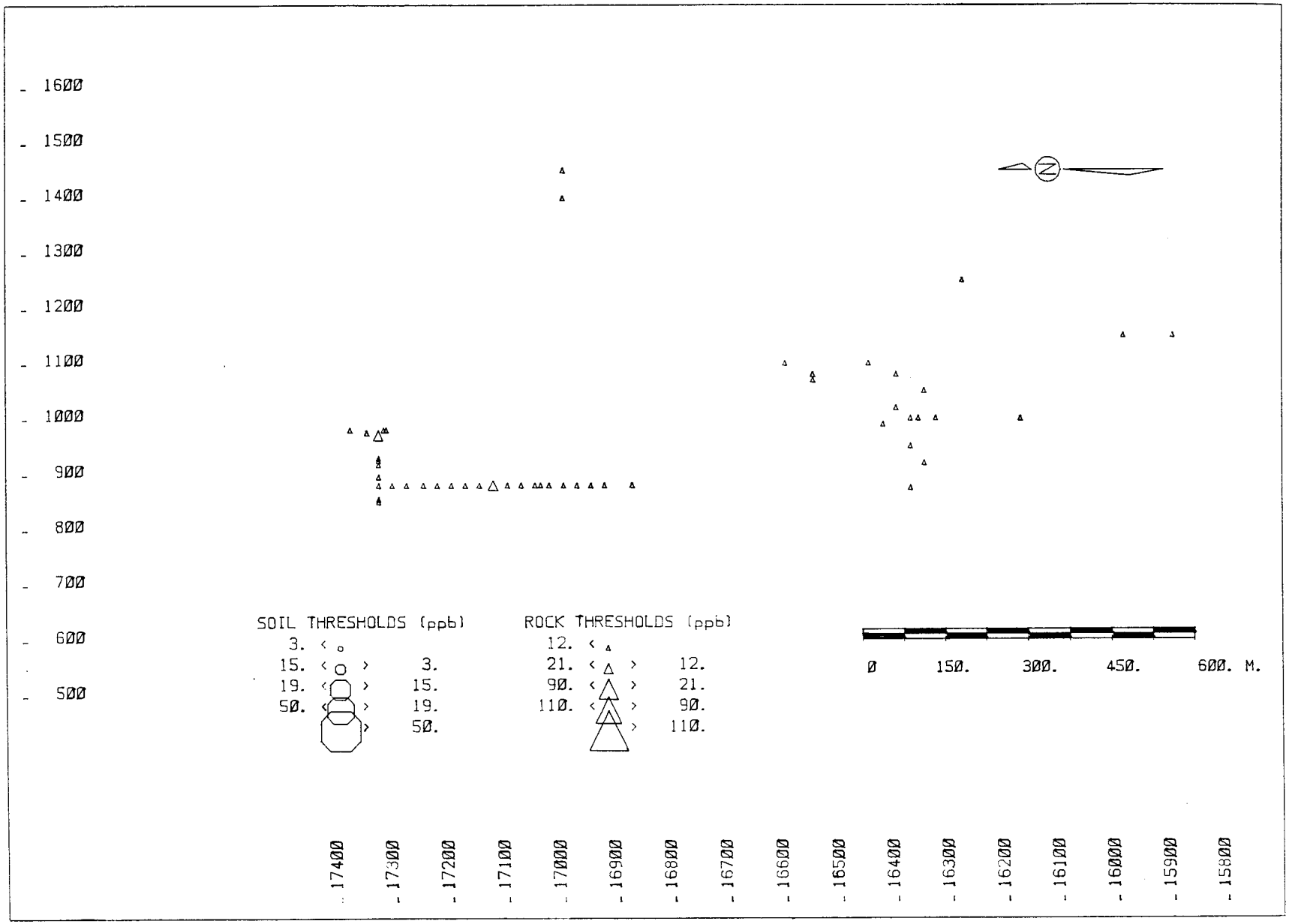
KLUANE PROJECT I CLAIMS - E GRID - NI GEOCHEMISTRY (ppm)



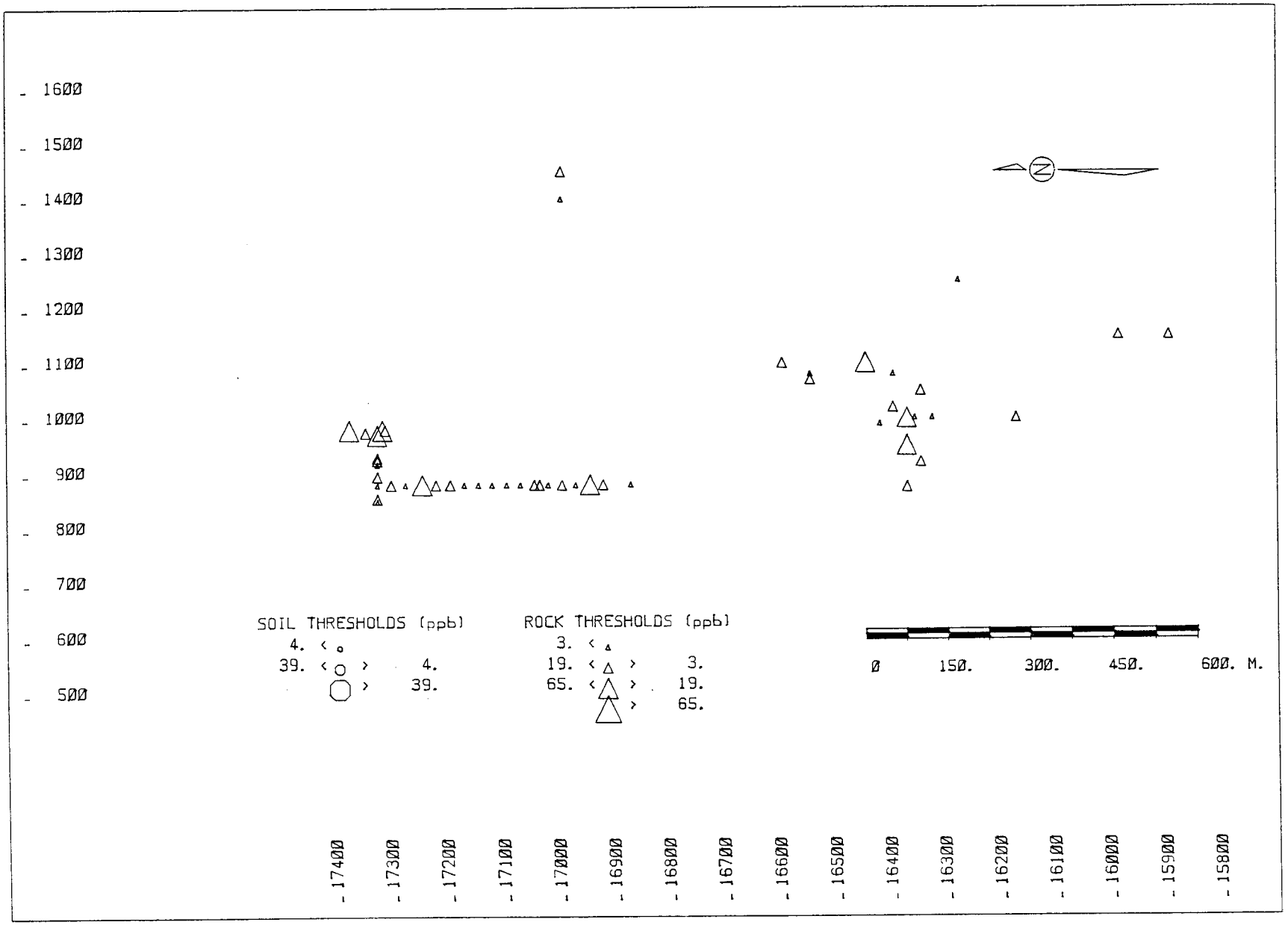
092090

KLUANE PROJECT I CLAIMS - E GRID - AU GEOCHEMISTRY (ppb)



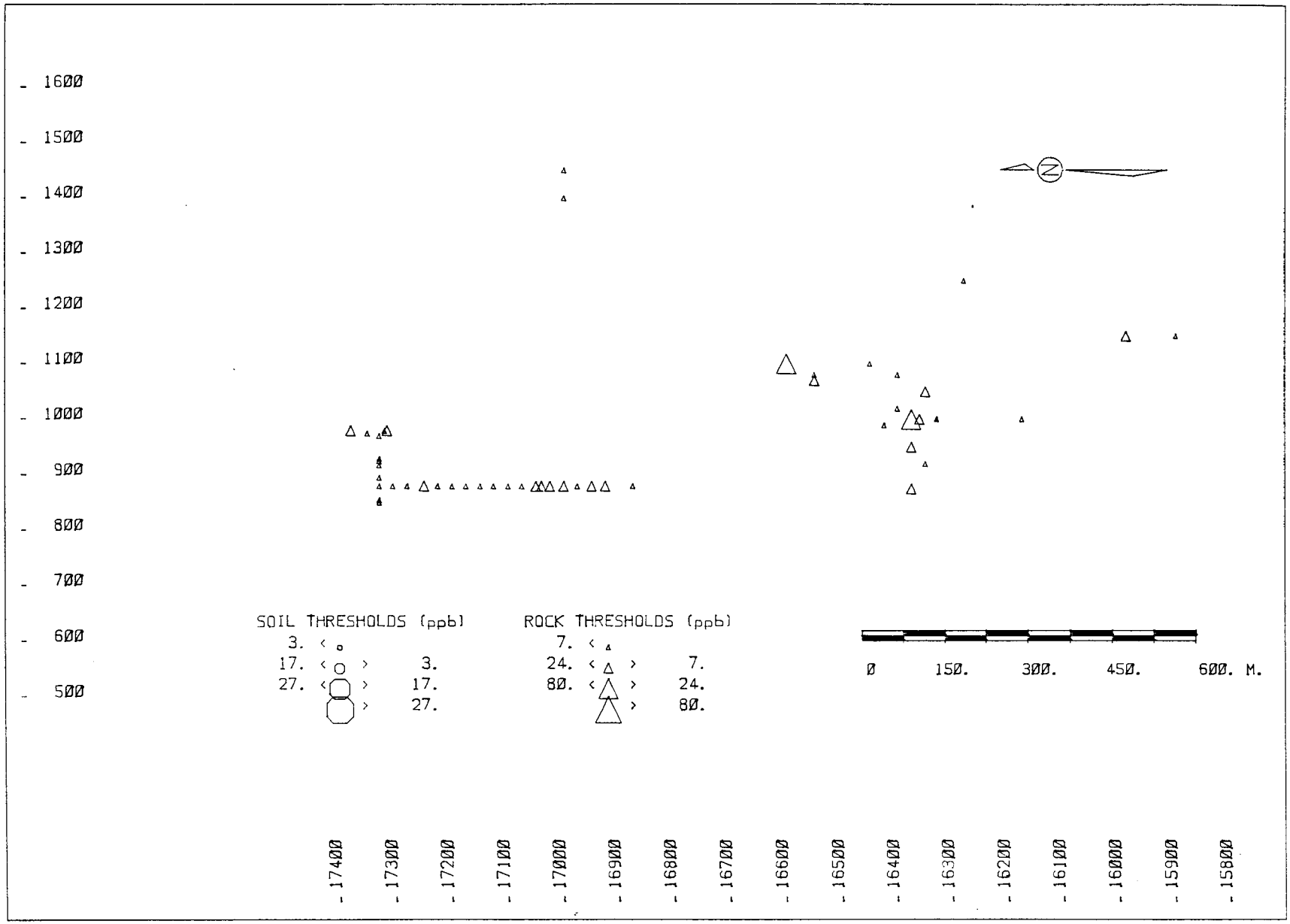
090092

KLUANE PROJECT I CLAIMS - E GRID - PT GEOCHEMISTRY (ppb)



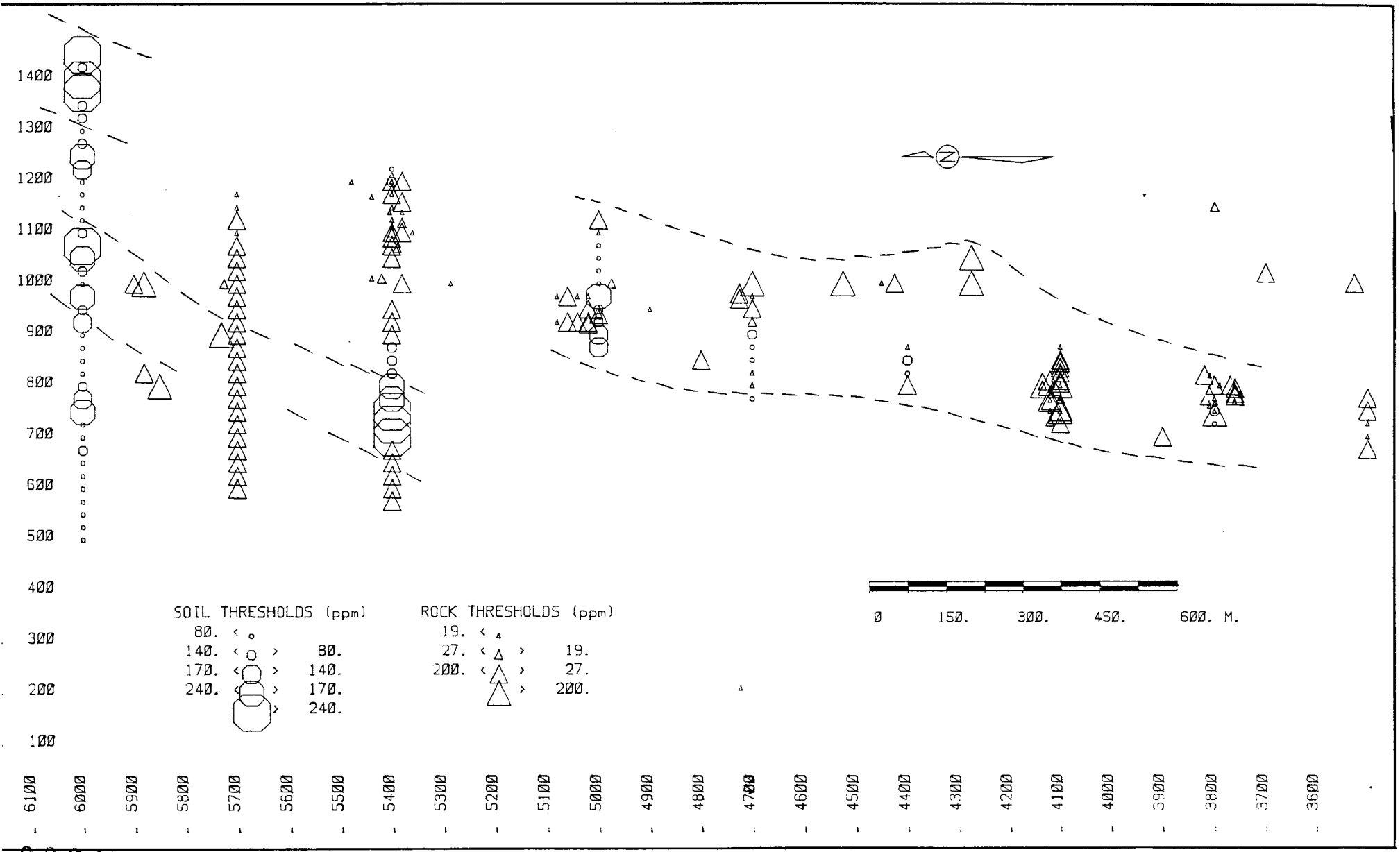
090292

KLUANE PROJECT I CLAIMS - E GRID - PD GEOCHEMISTRY (ppb)



090292

KLUANE PROJECT IV CLAIMS - CU GEOCHEMISTRY (ppm)



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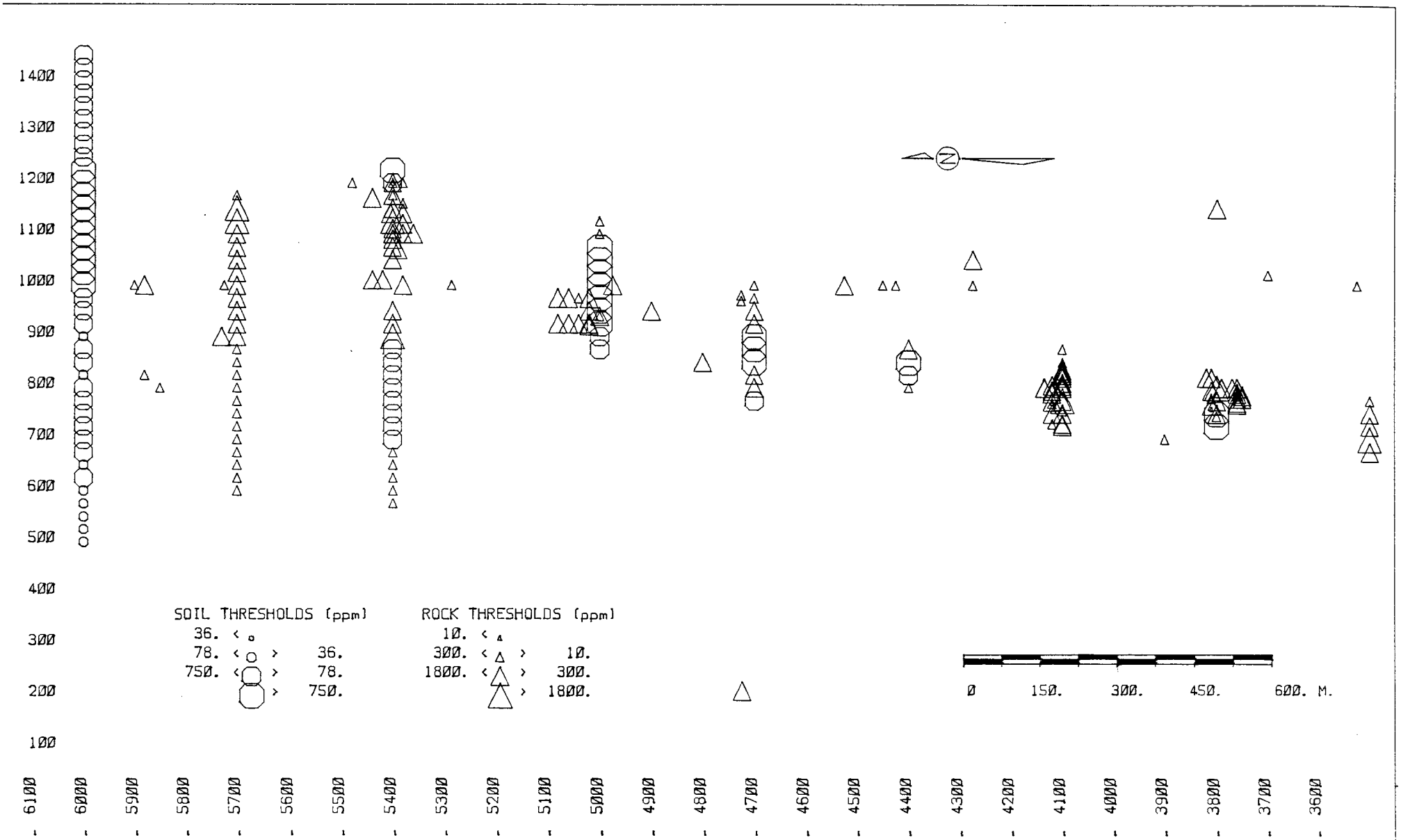
KLUANE PROJECT IV CLAIMS - NI GEOCHEMISTRY (ppm)



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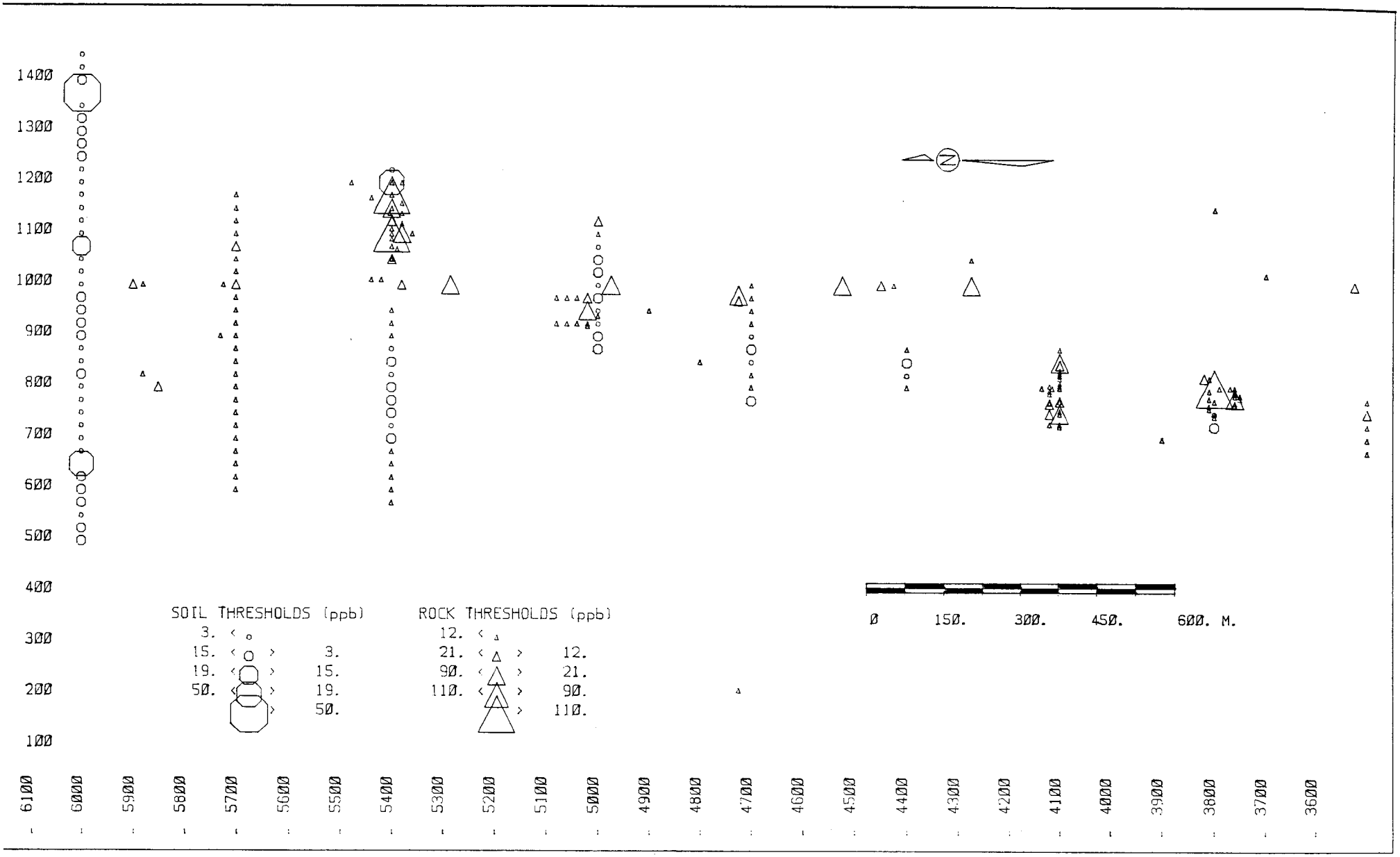
KLUANE PROJECT IV CLAIMS - AU GEOCHEMISTRY (ppb)



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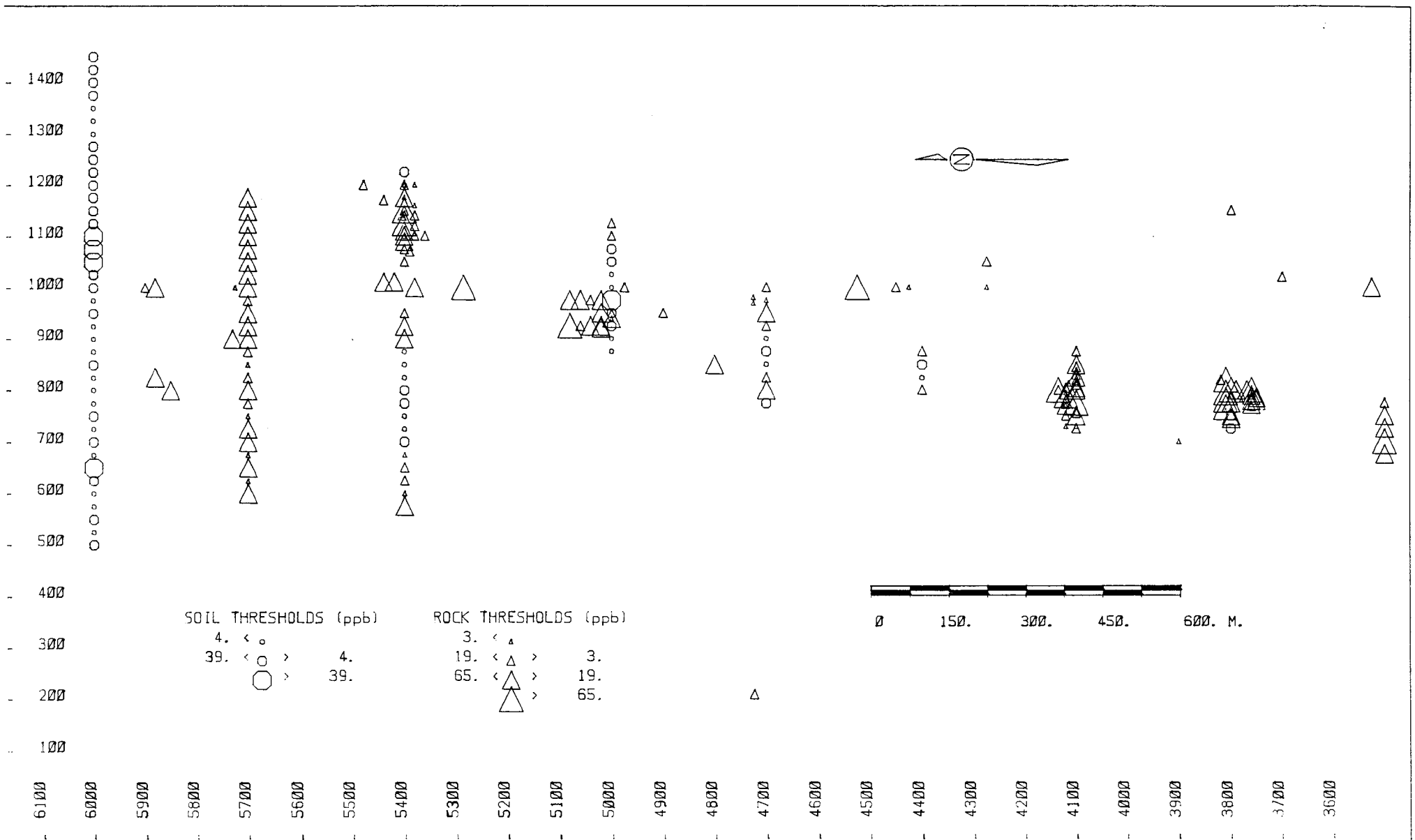
KLUANE PROJECT IV CLAIMS - PT GEOCHEMISTRY (ppb)



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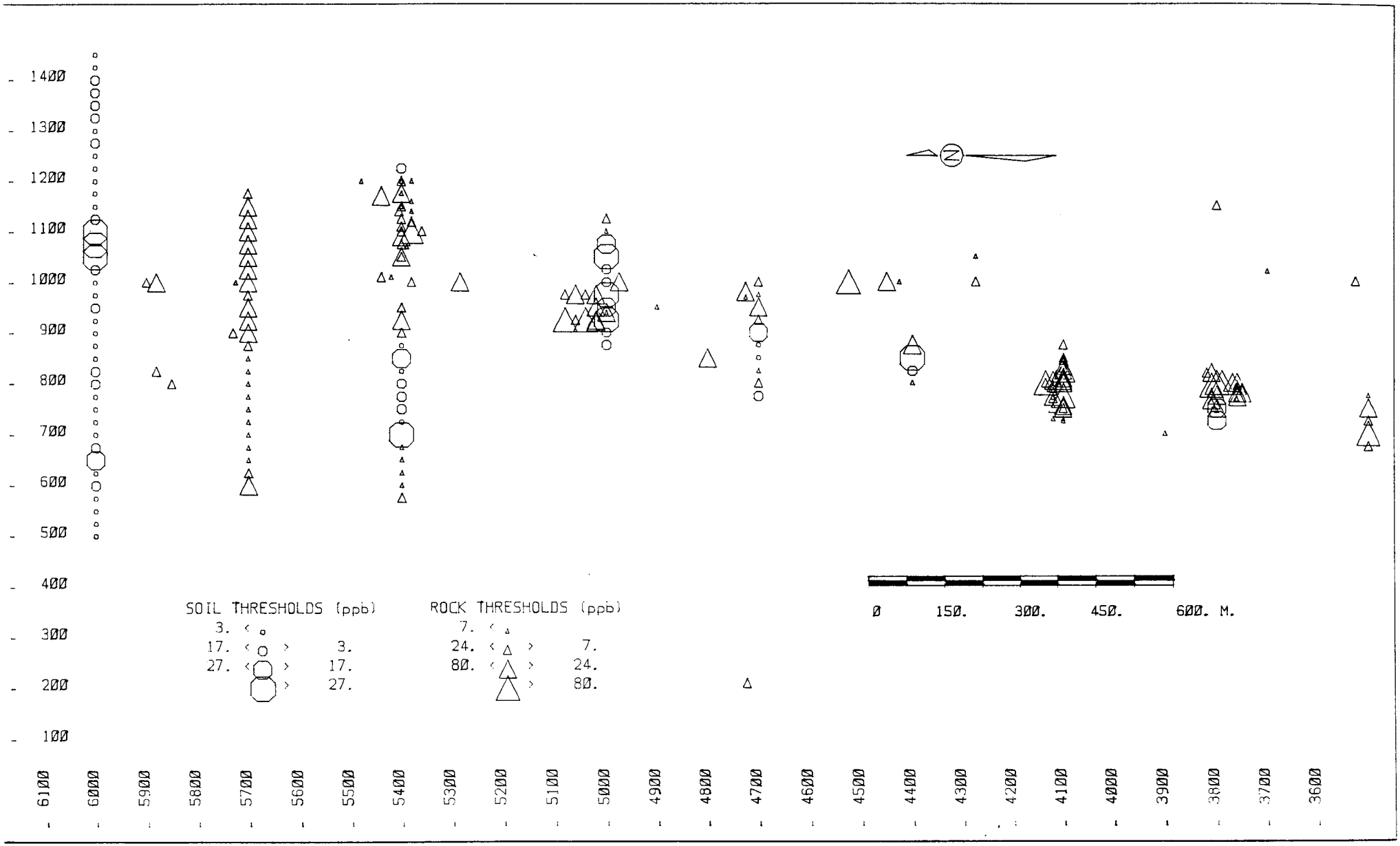
KLUANE PROJECT IV CLAIMS - PD GEOCHEMISTRY (ppb)



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IV CLAIMS

Geochemical plans for copper, nickel, gold, platinum and palladium are shown in Figures 6-56 to 6-60.

Figure 6-56 shows a linear copper-nickel anomaly which extends over most of the grid area. This anomaly outlines the position of the mafic-ultramafic complex on the IV claims.

Class A gold anomalies occur on the eastern contact of the complex at 3600N/750E, 5400N/1100E and 6000N/1350E.

Class A platinum anomalies were detected 5400N/110-1200E, 5250N/1000E, 5000-5500N/950-1000E, 4500N/1000E, 4100N/750-850E and 3800N/750-850E. Coincident palladium anomalies are also present.

6.5 Geochemistry - V Group

The results of the geochemical survey on the V claims are shown in Figures 6-61 to 6-65. Both soil and rock samples are plotted on the geochemical plans. Variable-sized symbols are used to depict the range of each element.

A nickel anomaly of Class A status runs from 7400N to 8400N. It is about 150 meters wide and appears to coincide almost exactly with the mafic-ultramafic complex. A portion of this anomaly centered around 7850N/1400E and 8050N/1450E is coincident with a Class A copper anomaly.

A Class A/B gold anomaly may be present from 7800N to 8300N between 1300E and 1500E. This anomaly was further tested by running intermediate lines but high gold results were not obtained. Further checking of samples is necessary.

A linear Class A palladium anomaly runs from 7600N to 8300N (see Figure 6-65) between 1350E and 1450E. A portion of this anomaly from 7800-7900N is coincident with a Class A platinum anomaly.

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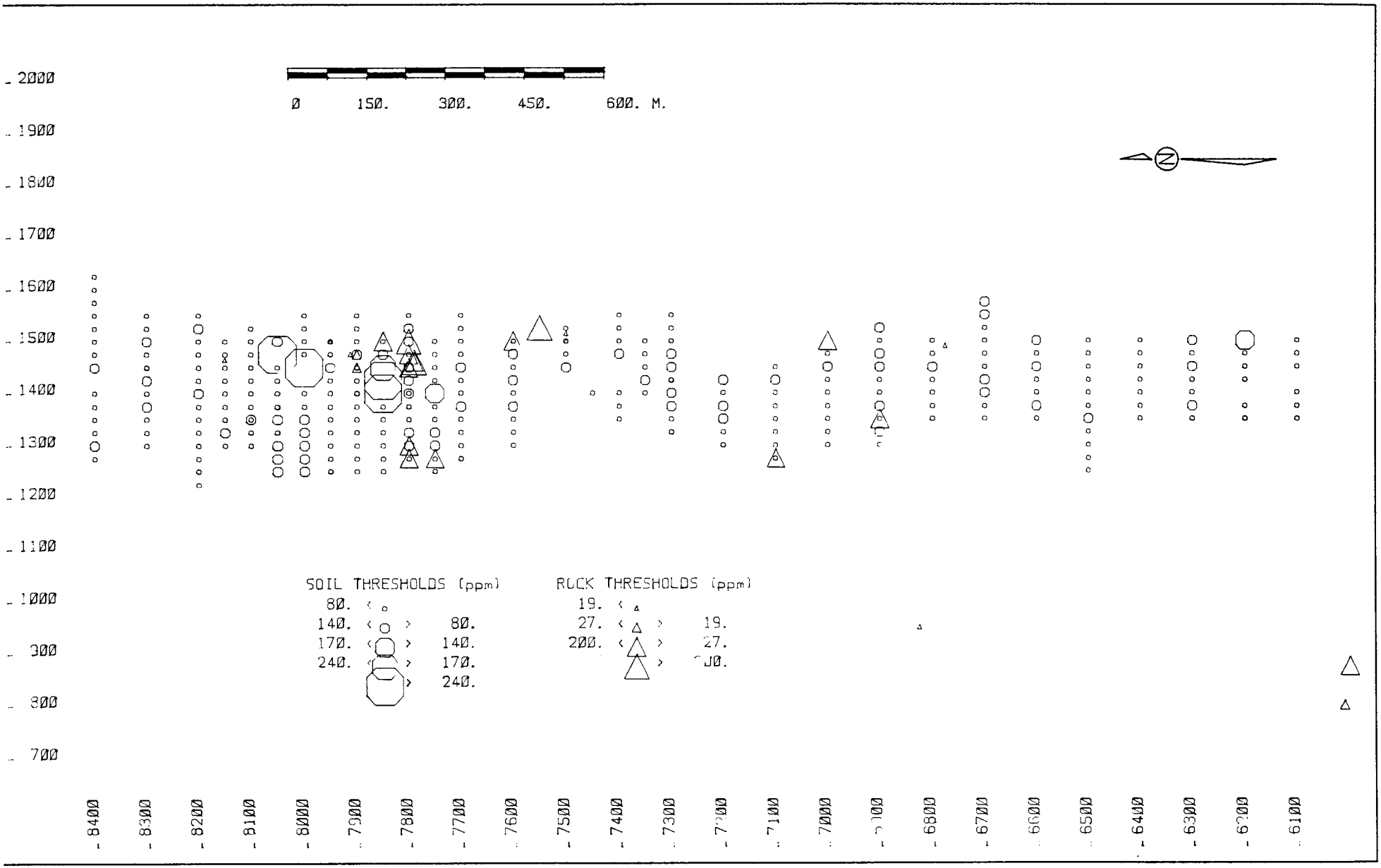
KLUANE PROJECT V CLAIMS CU GEOCHEMISTRY (ppm)



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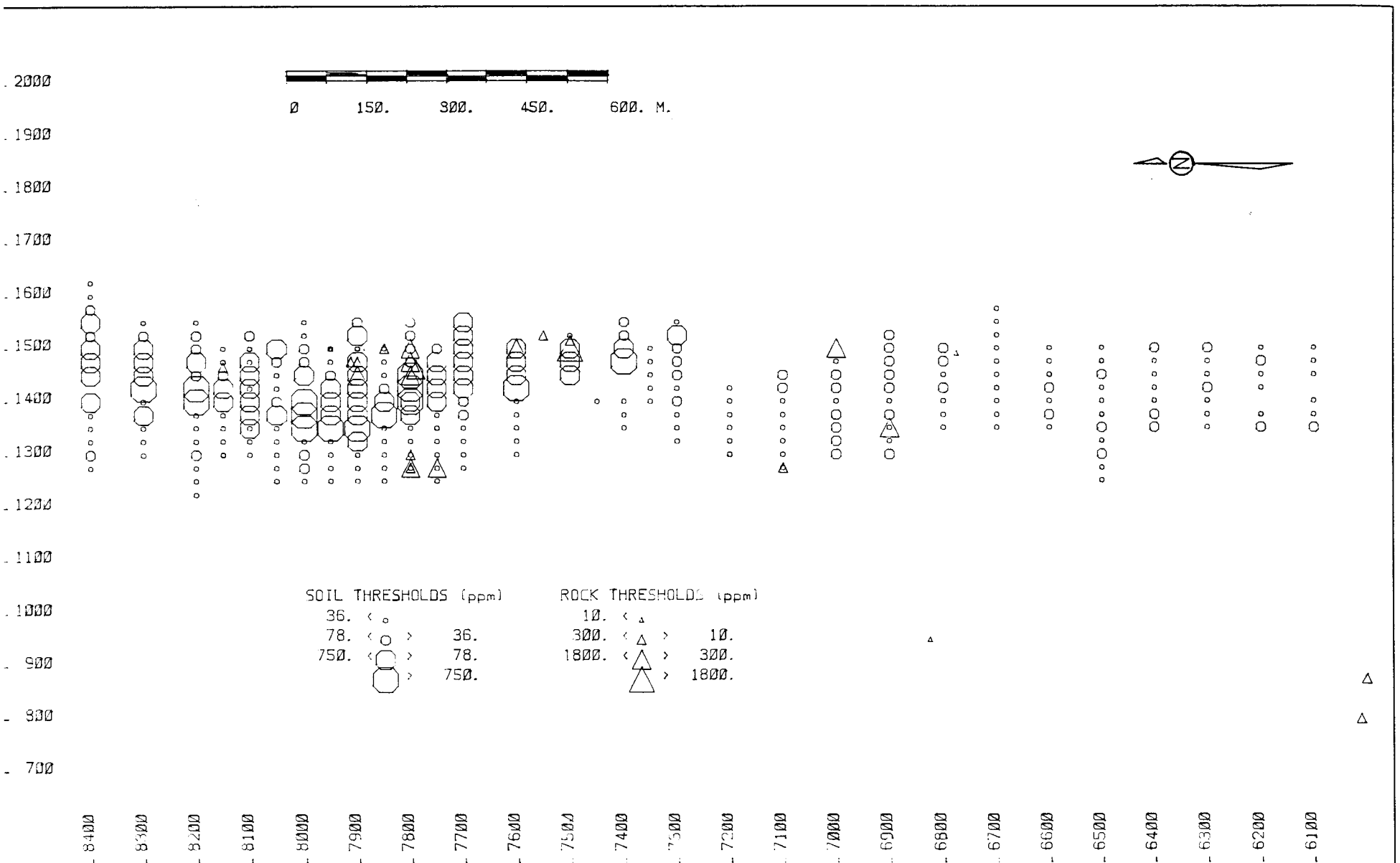
KLUANE PROJECT V CLAIMS NI GEOCHEMISTRY (ppm)



100

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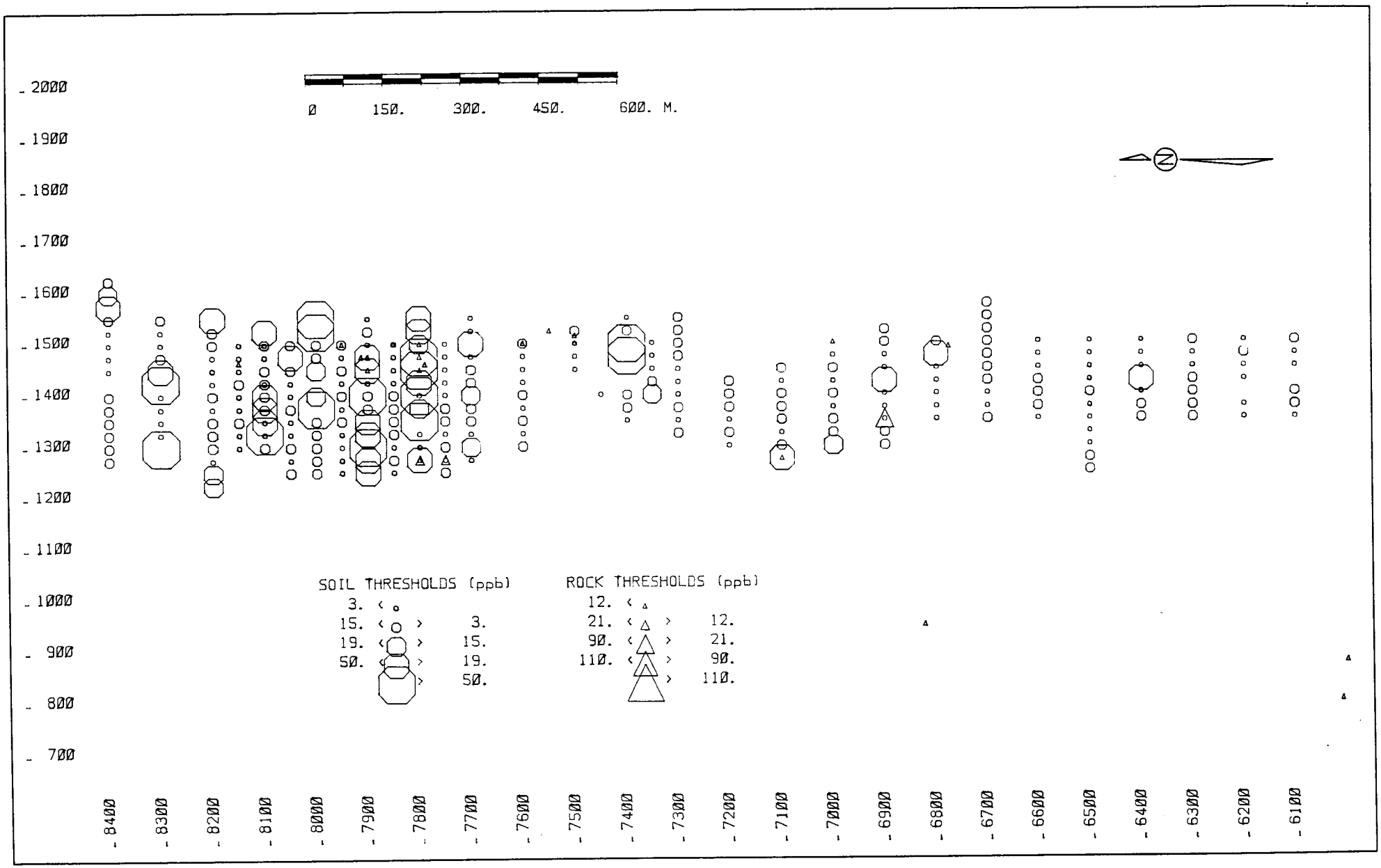
KLUANE PROJECT V CLAIMS AU GEOCHEMISTRY (ppb)



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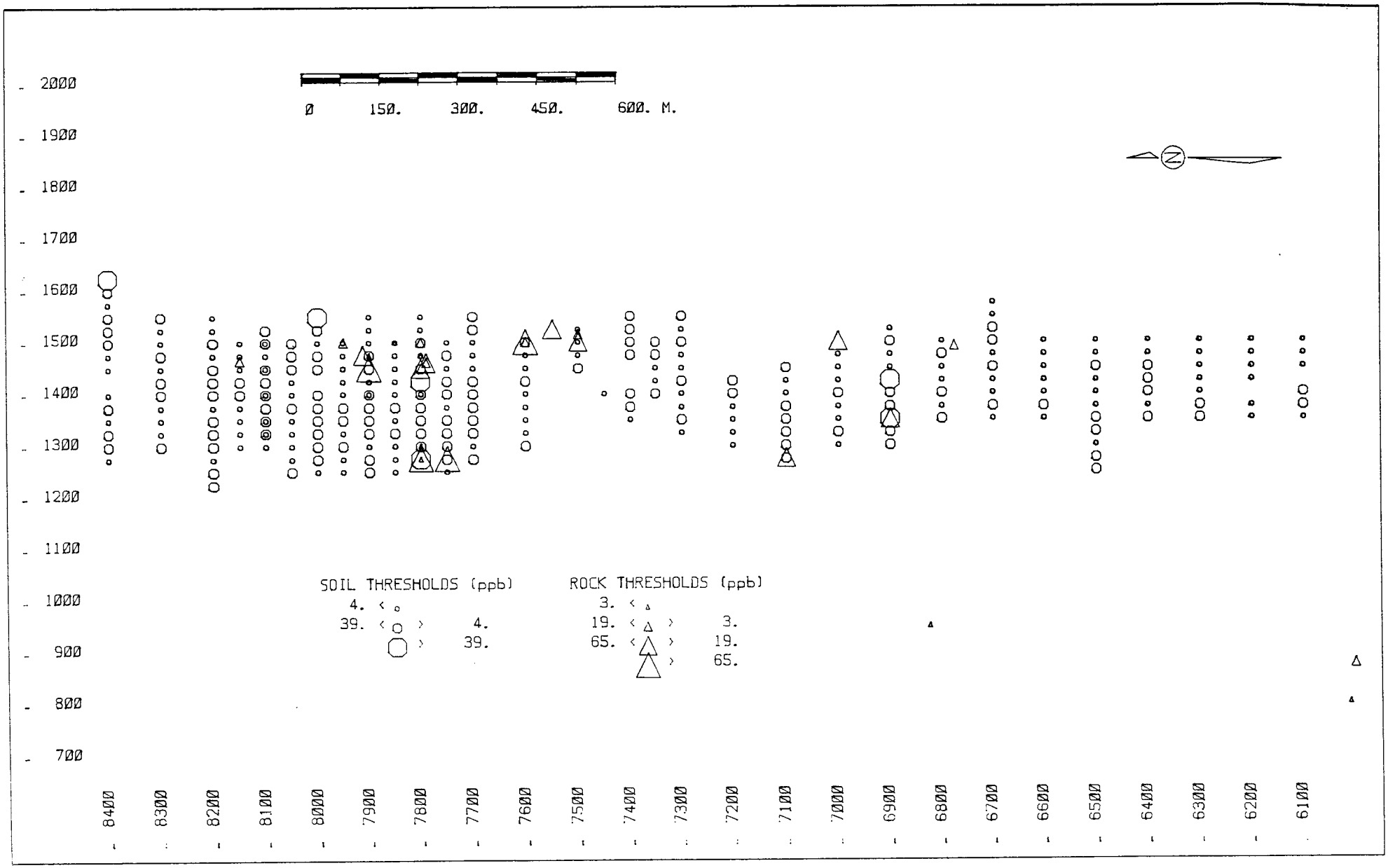
KLUANE PROJECT V CLAIMS PT GEOCHEMISTRY (ppb)



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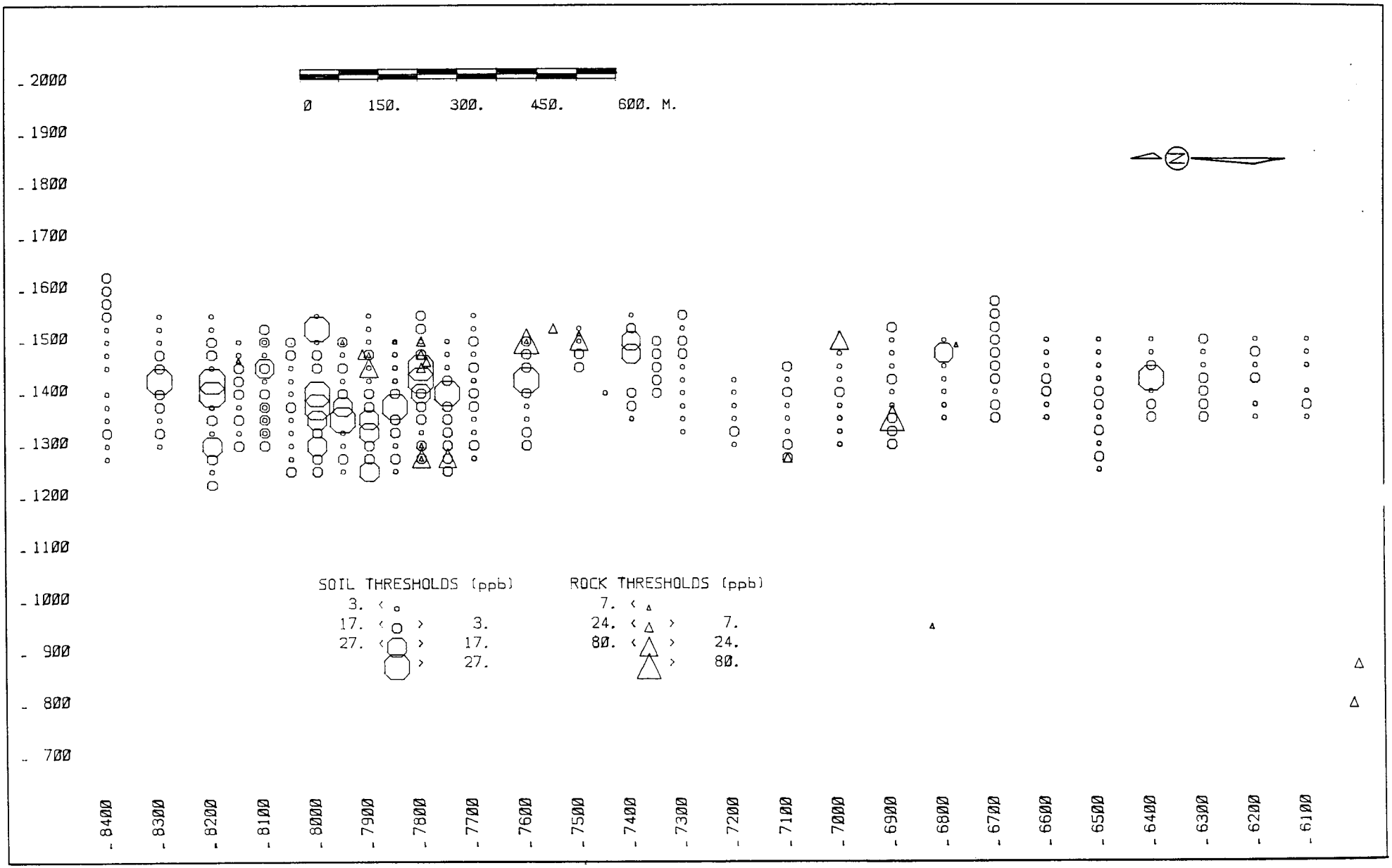
KLUANE PROJECT V CLAIMS PD GEOCHEMISTRY (ppb)



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7.0 MAGNETOMETER SURVEYS

7.1 General Introduction

A magnetometer survey was run on the V group of claims because much of the mafic-ultramafic complex is covered by overburden.

Instrumentation consisted of a pair of Geometric Model G-856AX portable proton magnetometers with a sensitivity of 0.1 gammas. One of the instruments was used in the field to take readings along grid lines at intervals of 25 meters.

A second instrument was set on automatic in base camp to read every 60 seconds.

The data from both instruments was dumped into a Zenith Z-100 portable computer. All data was then processed, diurnal corrections made and profiles plotted.

7.2 Magnetometer Survey - V Group

A magnetometer survey was run over the V Group on lines spaced at 100 meters using 25 meter intervals. See Figures 7-1 and 7-2 for plots of magnetic profiles.

A well-defined magnetic anomaly was detected which runs from 2500N to 9900N and appears to be from 100
meters to 500 meters wide. This anomaly is coincident with the mafic-ultramafic complex.

The southern part of the grid shows a subdued continuation of the anomaly.

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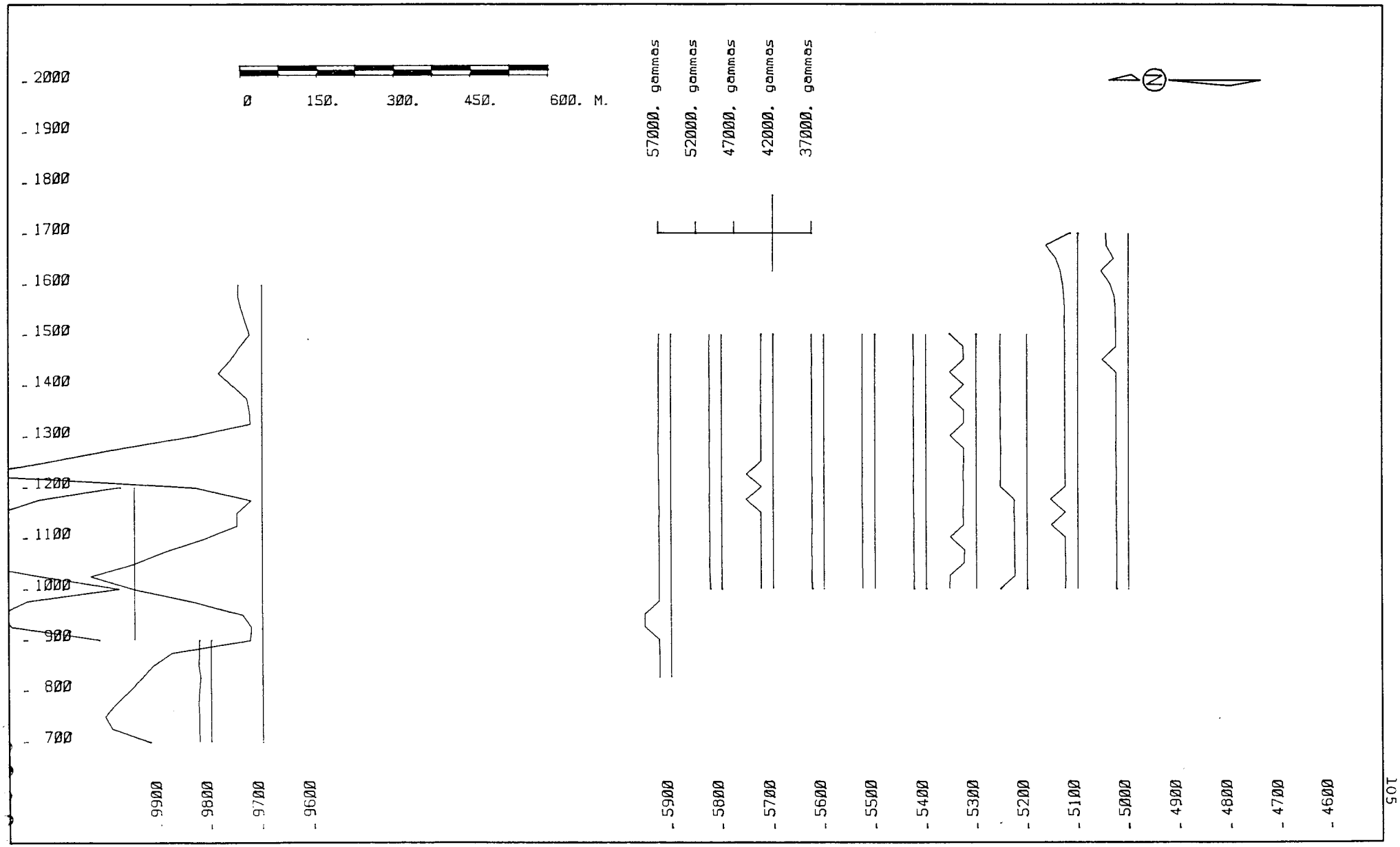
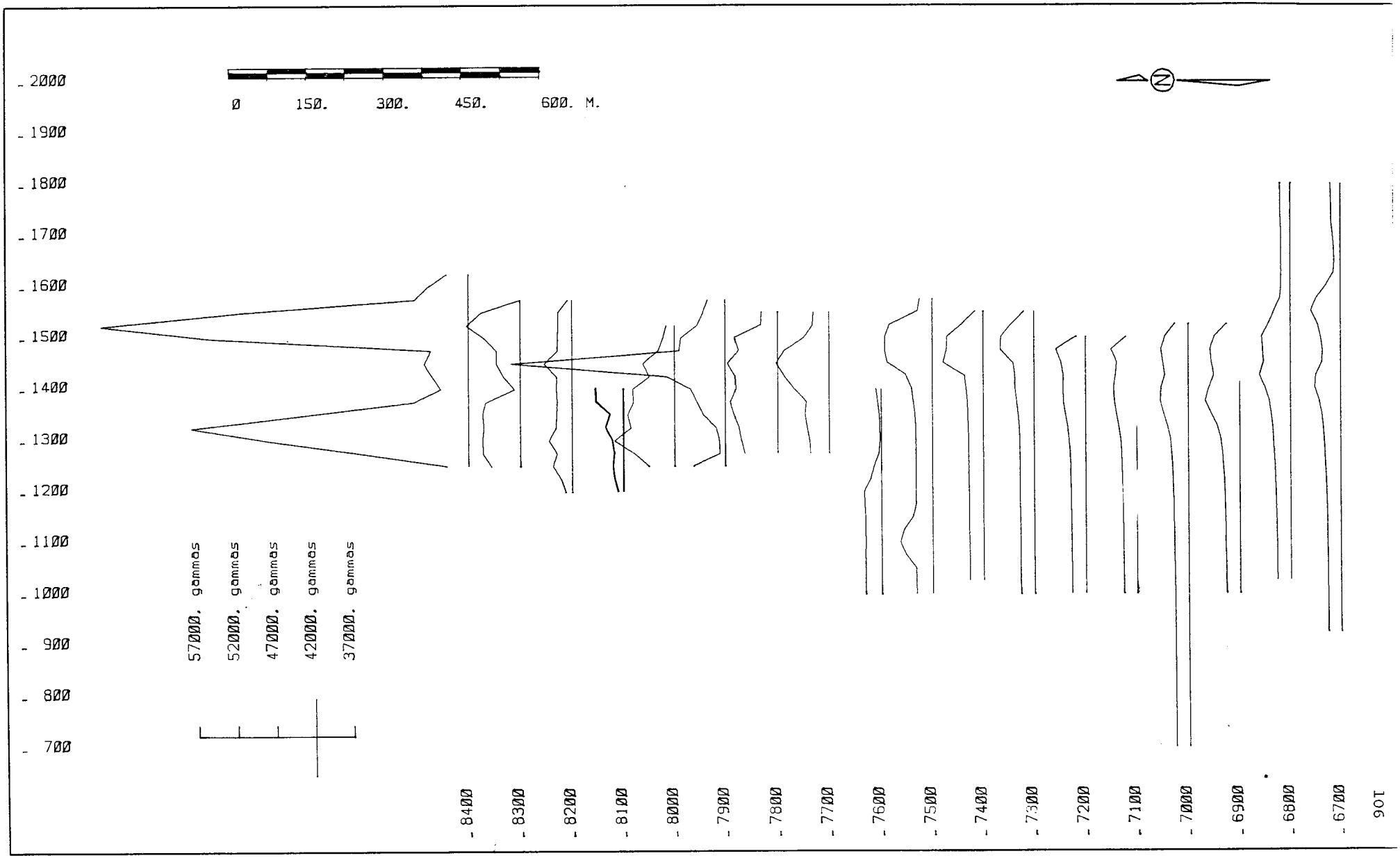
KLUANE PROJECT V CLAIMS MAGNETOMETER SURVEY (gammas)



KLUANE PROJECT V CLAIMS MAGNETOMETER SURVEY (gammas)



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8.0 RECOMMENDATIONS

Geological mapping and magnetometer surveys have shown the presence of a northwesterly-trending mafic-ultramafic body on each of the claim groups.

Geochemical analyses on rock and soil samples have also shown the presence of significant precious metal anomalies on each of the claim groups.

On the I claims, four Class A gold anomalies and four Class A platinum-palladium anomalies were detected. On the IV claims, three Class A gold anomalies and six Class A platinum-palladium anomalies were found. On the V claims, a large Class A palladium-platinum anomaly about 700 meters by 100 meters was found.

Class A gold anomalies have values ranging from 110 to 920 ppb gold. Class A platinum anomalies have values ranging from 65 to 204 ppb platinum and Class A palladium anomalies range from 80 to 365 ppb palladium.

On the I claims, it is recommended that detailed geochemistry be done on all Class A anomalies. Some lines should also be extended beyond the boundaries of the mafic-ultramafic complex to check for mineralization outside those rocks, i.e., in the sedimentary or volcanic rocks and also to test for additional subparallel mafic-ultramafic intrusions.

One the IV claims the Class A gold anomalies on the east side of the ultramafic complex should be sampled and mapped in detail. The same applies to the linear belt of Class A platinum-palladium anomalies. Some lines should also be extended here to check for additional belts of mafic-ultramafic rocks. In particular, a detailed grid should be cut on the south end of the IV claims across the river from the Canalask property. Geochemical sampling, mapping and magnetometer surveys should be done in this area.

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On the V claims, the linear Class A palladium-platinum anomaly should be tested by drilling. As well, a detailed grid should be put in at the northend of the V claims and additional mapping, geochemical sampling and magnetometer surveys done.

Any additional or confirmed anomalies on each of the claim blocks should also be tested by drilling.

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9.0 COST BREAKDOWN

The following is a cost breakdown of all expenditures on the property during the period June 5, 1987 to December 31, 1987.

The portion of this total spent between June 5, 1987 and August 12, 1987 is $92,868.84.

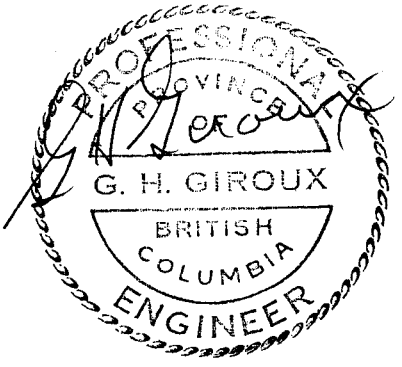
87PS5

YUKON

PROJECT EXPENDITURES

June 5 - Dec. 31/87

PROFESSIONAL FEES	18,370.00
WAGES	35,836.00
FOOD/ACCOM.	8,186.26
GAS/OIL	885.35
EQUIPMENT/SUPPLIES	6,599.09
VEHICLE RENTAL	4,357.69
TRANSPORTATION	2,065.89
MISC.	260.75
HELICOPTER CHARGES	26,608.77
PHOTOCOPIES/REPRODUCTION	149.19
TELEPHONE	340.96
BOOKKEEPING/EXPEDITING	1,635.00
OFFICE SUPPLIES	10.63
GEOCHEM ANALYSIS	22,335.71
EQUIPMENT RENTAL	6,940.33
AIRFARE	5,454.45
SHIPPING COSTS/COURIER	358.11
CUSTOM BROKER/COMPUTER COSTS	630.62
EXPEDITING	1,500.00
TOTAL	142,524.80



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10.0 PERSONNEL

1. **J.H. Montgomery** - geologist - $360/day
   Period Worked - June 8,10,16-30, July 1-4, 9-11,
   13-15, Oct. 1,14,15,29, Nov. 5, 6, Dec. 7,21,22, 23-31.

2. **K. Hudson** - geologist - $264/day
   Period Worked - June 17-30, July 1-9

3. **E. Montgomery** - assistant - $240/day
   Period Worked - June 8,9,14,15, June 16-30
   July 1-7, 9,10,15,16,17, Aug. 18-31,Sept.1-15
   Sept. 16-18, 20-27, Nov.11-13,16-18,26,27,29

4. **T. Kennedy** - inst. operator, sampler - $200/day
   Period Worked - June 18-30, July 1-7

5. **M. Thompson** - inst. operator, sampler - $176/day
   Period Worked - June 18-30, July 1-7

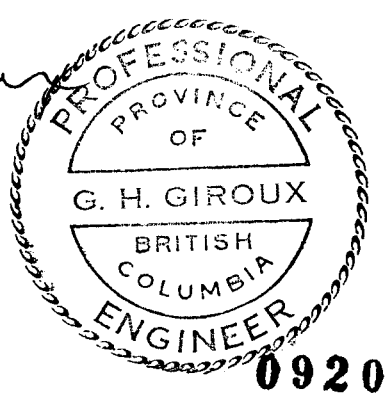
6. **I. Johnstone** - sampler - $160/day
   Period Worked - June 18-30, July 1-7

7. **G. Johnstone** - sampler - $160/day
   Period Worked - Aug. 28-31, Sept. 1-11

G H Giroux

G.H. Giroux

January 5, 1988



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11.0 CERTIFICATE

I G. H. Giroux, of 982 Broadview Drive, North Vancouver, British Columbia, do hereby certify that:

1. I am a consulting geological engineer with an office at #701 - 675 West Hastings Street, Vancouver, British Columbia.

2. I am a graduate of the University of British Columbia in 1970 with a B.A. Sc. and in 1984 with a M.A. Sc. both in Geological Engineering.

3. I have practiced by profession continuously since 1970.

4. I am a member in good standing of the Association of Professional Engineers of the Province of British Columbia.

5. I have no interest, either direct or indirect in the properties or securities of Polestar Exploration Inc., nor do I expect to receive any such interest.

6. I consent to the use of this report by Polestar Exploration Inc. in submissions to the B.C. Superintendent of Brokers and the Vancouver Stock Exchange and to distribute all or parts of the report to shareholders or other parties, provided that the meaning is not altered by partial quotes.

G. H. Giroux
North Vancouver, BC
January 5, 1988

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. H. GIROUX

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APPENDIX I

092092

KLUANE PROJECT GEOCHEMICAL RESULTS
I GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
I-1-E	10000	1025	63	275	4	20	4
I-2-E	10000	1075	31	33	2	6	2
I-3-E	10000	1100	12	78	1	16	1
I-4-E	10100	1100	75	57	23	47	28
I-5-E	10130	1080	80	150	18	33	32
I-6-E	10150	1075	14	16	11	1	1
I-7-E	10180	1060	82	15	4	4	9
I-8-E	10335	990	185	45	10	12	5
I-9-E	10425	950	22	35	10	52	5
I-10-E	10425	950	77	123	2	11	12
I-11-E	10790	1010	18	21	35	6	1
I-12-E	10925	1005	187	460	2	24	12
I-13-E	10925	1006	76	57	2	27	15
I-14-E	10925	980	197	510	1	2	6
I-15-E	10935	910	13	14	1	1	1
I-16-E	10940	920	68	25	65	1	1
I-17-E	10100	875	69	43	2	5	10
I-17-E	10950	830	38	34	2	2	1
I-18-E	11200	1200	351	460	31	88	33
I-19-E	11225	1200	216	660	15	68	31
I-19-E	11250	1200	190	850	8	15	83
I-20-E	11280	1220	320	1000	8	61	39
I-21-E	11280	1220	76	535	7	2	17
I-22-E	11900	1300	132	1450	2	1	10
I-23-E	12000	1400	72	148	1	17	10
I-24-E	12000	1500	78	57	1	2	25
I-25-E	12080	1300	86	106	2	1	6
I-26-E	12160	1025	127	64	2	5	15
I-27-E	12340	1100	159	760	6	6	34
I-27-E A	12350	1100	2250	220	35	1	25
I-28-E	12350	1000	103	29	74	1	6
I-29-E	12425	980	82	145	2	2	11
I-30-E	12450	980	101	34	16	1	2
I-31-E	12575	950	810	58	2	1	6
I-32-E	12000	1025	64	81	2	1	2
I-33-E	12000	1050	103	230	2	1	6
I-34-E	12020	1020	51	66	1	2	4
I-35-E	12700	1010	105	65	1	6	6
I-36-E	13400	1020	133	56	2	1	5
I-37-E	13425	1150	142	240	1	6	9
I-38-E	13600	1050	30	21	1	1	1
I-39-E	15900	1150	39	53	1	16	1
I-40-E	15990	1150	139	86	2	3	12
I-41-E	16280	1250	121	49	1	2	1
I-42-E	16350	1050	32	1070	6	16	10
I-43-E	16425	990	331	45	2	1	4
I-44-E	16350	920	94	75	1	6	4
I-45-E	16400	1020	8100	44	6	6	1
I-46-E	16400	1080	130	1170	1	1	1

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KLUANE PROJECT GEOCHEMICAL RESULTS
I GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
I-47-E	16550	1080	70	1100	1	1	1
I-48-E	16550	1070	151	690	2	9	16
I-49-E	17000	1400	85	260	1	1	1
I-50-E	17000	1450	22	1150	1	3	1
I-51-E	17350	975	152	770	2	15	2
I-52-E	17380	980	119	860	3	27	10
I-53-E	17315	980	126	930	6	13	12
I-54-E	17320	980	188	910	9	26	2
I-55-E	17330	970	60	21	12	20	3
I-56-E	17330	930	104	112	6	8	1
I-57-E	17330	925	10	49	4	5	2
I-58-E	17330	918	560	520	2	1	1
I-59-E	17330	895	74	980	9	5	1
I-60-E	17330	880	178	830	5	2	3
I-61-E	17330	855	111	865	2	4	1
I-62-E	17330	850	84	265	2	1	1
I-63-E	17305	880	76	890	1	4	1
I-64-E	17280	880	10	71	3	1	1
I-65-E	17250	880	45	1085	2	23	7
I-66-E	17225	880	51	930	6	15	4
I-67-E	17200	880	67	750	7	10	5
I-68-E	17175	880	44	510	2	1	1
I-69-E	17150	880	272	1040	2	1	1
I-70-E	17125	880	47	830	15	2	2
I-71-E	17100	880	56	990	4	1	5
I-72-E	17075	880	213	950	1	2	1
I-73-E	17050	880	121	1070	8	12	7
I-74-E	17040	880	168	870	5	10	11
I-76-E	17025	880	80	1045	10	2	9
I-77-E	17000	880	82	1220	8	6	14
I-78-E	16975	880	11	68	3	1	1
I-79-E	16950	880	46	1320	2	30	13
I-80-E	16925	880	22	1150	3	16	7
I-82-E	16875	880	36	62	1	1	1
I-84-E A	11835	870	10	33	4	15	5
I-84-E B	11835	870	104	1245	5	11	15
I-85-E	11730	970	58	760	7	27	26
I-86-E	11715	975	43	1085	4	3	7
I-87-E	11700	980	155	1060	5	6	10
I-88-E	11675	980	64	950	3	6	12
I-89-E	11675	985	109	750	5	5	14
I-90-E	11675	1000	24	340	3	3	4
I-91-E	11700	1000	14	1075	2	5	4
I-92-E	11725	1000	69	1135	2	24	18
I-93-E	11727	1000	144	1095	8	9	12
I-94-E	11750	1000	65	1070	8	9	15
I-95-E	11775	1000	26	630	8	7	8
I-96-E	5525	1025	51	23	26	8	1
I-97-E	5525	1050	96	56	23	7	2

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KLUANE PROJECT GEOCHEMICAL RESULTS
I GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
I-98-E	5525	1075	13	20	8	1	3
I-99-E	5525	1100	76	116	2	1	1
I-100-E	5525	1125	82	33	1	1	1
I-101-E	5525	1150	101	29	2	1	1
I-102-E	5525	1175	38	560	5	17	18
I-103-E	5525	1200	125	59	6	4	1
I-104-E	5525	1225	143	31	2	1	1
I-105-E	5525	1180	41	790	2	7	13
I-106-E	5550	1225	111	25	6	1	1
I-107-E	5425	1225	118	22	3	13	15
I-108-E	5425	1200	39	805	2	3	6
I-109-E	5425	1180	55	24	5	1	2
I-110-E	5425	1170	118	48	45	1	2
I-111-E	5425	1160	53	47	7	5	1
I-112-E	5425	1150	84	39	1	2	1
I-113-E	5425	1135	79	57	1	1	2
I-114-E	5425	1125	24	63	2	3	4
I-115-E	5425	1100	161	26	5	30	2
I-116-E	5400	1090	12	56	10	1	11
I-117-E	5425	1075	272	27	17	1	2
I-118-E	5425	1050	107	22	3	11	1
I-119-E	5420	1075	32	31	1	1	1
I-120-E	5405	1070	8	66	4	1	1
I-TL-	11575	1075	81	1120	2	9	11
I-TL-	11600	1075	55	1030	2	3	7
I-TL-	11625	1075	88	1050	1	2	1
I-TL-	11650	1075	38	1125	1	1	1
I-TL-	11675	1075	117	72	1	9	1
I-TL-	11700	1075	20	1050	7	2	1
I-TL-	11725	1075	17	1380	3	13	24
I-TL-	11750	1075	34	143	1	1	1
I-TL-	11775	1075	55	750	4	8	1
I-TL-	11800	1075	187	1580	13	8	1
I-TL-	11825	1075	77	1180	4	9	12
1580-	11850	1071	90	1110	1	9	12
I-TL-	11875	1075	64	1000	1	1	5
I-TL-	11900	1075	175	1130	2	1	2
I-TL-	11925	1075	119	950	1	3	37
I-TL-	11950	1075	83	1330	2	15	23
I-TL-	11975	1075	72	1330	1	1	5
I-TL-	12000	1075	21	1315	2	15	9
I-TL-	12025	1075	107	1195	6	1	9
I-TL-	12050	1075	45	1105	1	2	1
I-TL-	12075	1075	44	880	2	1	2
I-	5775	575	72	480	1	2	1
I-	5775	625	72	87	11	3	9
I-	5775	650	243	1230	1	1	8
I-	5775	675	250	1440	16	14	60
I-	5775	700	230	1400	14	45	53

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KLUANE PROJECT GEOCHEMICAL RESULTS
I GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
I-	5775	900	85	49	5	3	3
I-	5775	925	58	73	2	1	6
I-	5775	950	71	75	4	8	12
I-	5775	975	76	77	1	1	1
I-	5775	1000	77	76	2	5	5
I-	5775	1025	69	36	1	1	1
I-	5775	1050	45	465	1	1	1
I-	5775	1075	88	157	1	2	2
I-	5775	1100	64	155	1	1	1
I-	5775	1125	76	81	1	1	1
I-	5775	1150	144	27	2	2	2
I-	5775	1175	81	13	8	11	11
I-	5775	1200	60	18	2	1	1
I-	5775	1225	105	24	4	2	2
I-	5975	900	93	19	6	5	5
I-	5975	925	76	54	1	2	2
I-	5975	950	69	72	3	3	3
I-	5975	975	81	28	2	1	1
I-	5975	1000	86	93	3	6	6
I-	5975	1025	53	54	8	3	3
I-	5975	1075	57	163	1	1	1
I-	5975	1100	19	16	5	4	4
I-	5975	1125	117	38	7	7	7
I-	5975	1150	123	46	3	8	8
I-	5975	1175	122	34	2	1	1
I-	5975	1200	110	30	11	9	9
I-	5975	1050	34	34	18	7	10
I-	8075	800	115	47	3	1	5
I-	8075	825	69	55	3	1	2
I-	8075	850	77	123	2	1	5
I-	8075	875	48	82	8	18	13
I-	8075	900	58	76	1	2	2
I-	8075	925	56	120	1	1	3
I-	8075	950	67	128	1	4	1
I-	8075	975	48	110	1	11	6
I-	8075	1000	54	154	2	17	3
I-	8075	1025	48	149	2	1	2
I-	8075	1050	54	107	1	12	2
I-	8225	1000	300	285	8	1	3
I-	8300	1000	73	95	2	1	5
I-	8325	1000	64	120	2	1	2
I-	8425	1000	50	131	3	1	1
I-	8600	225	95	65	1	1	1
I-	8600	250	73	82	7	26	7
I-	8600	275	82	235	6	8	8
I-	8600	300	44	31	10	1	5
I-	8600	325	83	102	2	1	1
I-	8600	350	60	36	1	1	1
I-	8600	375	46	70	2	2	1

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KLUANE PROJECT GEOCHEMICAL RESULTS
I GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
I-	8600	400	61	173	2	30	2
I-	8600	425	56	176	1	3	1
I-	8600	450	43	126	1	1	1
I-	8600	475	92	94	6	1	7
I-	8600	500	84	83	7	10	5
I-	8600	525	63	75	4	1	6
I-	8600	550	60	52	11	43	12
I-	8600	575	11	33	9	2	3
I-	8600	600	14	28	2	3	1
I-	8600	625	63	123	5	1	1
I-	8600	650	190	1130	5	42	31
I-	8600	675	133	124	1	4	1
I-	8600	700	96	49	2	7	1
I-	8600	725	94	47	5	10	1
I-	8600	750	300	43	1	1	1
I-	8600	775	77	53	9	13	2
I-	8600	800	76	46	12	30	1
I-	8600	825	64	48	1	1	1
I-	8600	850	75	75	1	1	1
I-	8600	875	61	49	8	12	1
I-	8600	900	94	100	2	2	1
I-	9350	250	14	34	1	15	2
I-	9350	275	79	127	2	1	1
I-	9350	300	48	98	2	1	2
I-	9350	325	96	380	4	1	10
I-	9350	350	56	137	1	9	1
I-	9350	375	60	154	1	8	1
I-	9350	400	210	61	2	18	2
I-	9350	425	68	165	12	25	11
I-	9350	450	92	93	14	1	5
I-	9350	475	87	92	2	22	1
I-	9350	500	94	97	8	18	4
I-	9350	525	111	58	11	6	11
I-	9350	550	14	37	60	2	12
I-	9350	575	220	45	5	19	3
I-	9350	600	21	27	2	1	2
I-	9350	625	64	94	1	2	1
I-	9350	650	77	145	12	11	19
I-	9350	675	64	83	4	41	4
I-	9350	700	11	42	2	3	2
I-	9350	725	82	87	2	1	7
I-	9350	750	12	39	2	17	6
I-	9350	800	86	91	11	1	15
I-	9350	825	66	190	1	1	1
I-	9350	850	72	112	4	29	11
I-	9350	875	64	100	1	3	1
I-	9350	900	66	32	2	10	1
I-	9350	925	50	20	13	1	11
I-	9350	950	57	27	7	1	5

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KLUANE PROJECT GEOCHEMICAL RESULTS
I GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
I-	9750	725	19	38	1	2	2
I-	9750	750	88	128	1	2	1
I-	9750	775	52	84	2	15	6
I-	9750	800	149	53	10	17	14
I-	9750	825	79	96	5	13	18
I-	9750	850	56	122	2	1	13
I-	9750	875	61	175	1	8	1
I-	9750	900	69	64	1	1	3
I-	9750	925	50	25	1	1	3
I-	9750	950	64	110	2	20	16
I-	9750	975	108	62	1	1	4
I-	9750	1000	55	34	10	2	2
I-	10000	850	67	43	2	4	1
I-	10000	875	97	98	3	2	4
I-	10000	900	71	69	2	16	8
I-	10000	925	92	83	1	7	2
I-	10000	950	50	125	1	9	1
I-	10000	975	48	137	1	5	6
I-	10000	1000	68	295	5	14	17
I-	10575	512	48	89	2	16	12
I-	10675	725	760	2650	920	158	277
I-	10250	850	76	53	51	4	6
I-	10250	875	60	138	346	4	2
I-	10250	900	68	205	15	15	2
I-	10250	925	122	57	270	20	19
I-	10250	945	128	60	9	7	16
I-	10250	975	116	58	140	3	8
I-	10250	1000	60	111	4	18	12
I-	10250	1025	64	172	83	8	3
I-	10250	1050	72	260	1	21	7
I-	10250	1075	40	37	37	6	1
I-	10250	1100	96	73	19	18	4
I-	10250	1125	92	98	6	14	1
I-	10250	1155	44	39	9	2	9
I-	10456	400	32	1100	2	2	28
I-	10456	425	28	1190	2	6	32
I-	10456	450	152	510	13	135	67
I-	10456	475	88	1210	1	51	40
I-	10456	500	32	1100	1	11	31
I-	10456	525	20	520	1	17	2
I-	10456	540	27	515	1	26	6
	10456	425	140	71	2	4	21
	10456	450	46	1160	11	23	32
	10456	500	28	400	1	22	1
I-	11400	1000	40	43	1	1	2
I-	11400	1025	92	50	1	2	1
I-	11400	1050	48	1480	3	35	18
I-	11400	1075	112	1290	1	9	4
I-	11400	1100	102	1180	14	4	20

KLUANE PROJECT GEOCHEMICAL RESULTS
I GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
I-	11400	1125	15	400	2	11	6
I-	11400	1150	41	46	11	10	14
I-	11400	1175	54	113	1	1	1
I-	11400	1200	57	88	2	3	1
I-	11550	1075	62	1440	1	11	6
I-	11550	1100	71	87	1	13	10
I-	11550	1125	96	59	1	6	4
I-	11550	1150	63	77	1	1	2
I-	11550	1175	180	930	19	73	21
I-	11550	1200	51	1300	3	24	23
I-	11550	1225	80	820	1	1	1
I-	11550	1250	103	900	1	14	3
I-	11550	1275	12	44	2	1	1
I-	12175	1000	55	50	2	11	1
I-	12200	1000	94	136	6	12	10
I-	12225	1000	136	59	1	2	12
I-	13225	1000	107	67	1	3	1
I-	13225	1025	13	24	15	72	11
I-	13234	1000	56	98	2	8	12
I-	13375	850	100	73	1	13	2
I-TALUEB2	16175	1000	24	76	1	6	1
I-	16329	1000	53	47	1	1	5
I-	16360	1000	13	38	5	1	14
I-	16375	875	530	50	5	9	10
I-	16375	950	19	67	8	26	13
I-	16375	1000	60	61	10	25	24
I-	16450	1100	8	65	5	28	5
I-	16600	1100	30	1260	6	4	28
I-25@116	10974	1088	37	1300	2	17	23
I-38M@116	10954	1088	90	72	3	13	16
I-0M@L-	10992	1088	300	1590	14	70	112
I-50@116	10900	1088	76	85	7	33	18
I-92M@116	10900	1088	60	46	1	3	1
IL-	10700	732	330	1830	9	51	75
I-	10700	790	54	66	18	1	2
I-	10713	790	185	1180	3	32	23
I-	10746	790	98	1160	4	27	23
I-	10756	790	10	42	1	1	1
I-BL-	10000	850	420	85	288	30	12
I-BL-	10250	1155	57	53	7	9	13
I-	10700	875	158	82	15	11	11
I-	10700	900	140	90	9	1	14
I-	10700	925	118	89	10	1	3
I-	10700	950	116	138	4	11	3
I-	10700	975	120	106	6	2	5
I-	10700	1000	119	117	1	1	2
I-	10700	1025	104	140	5	1	4
I-	10700	1050	114	142	4	1	8
I-	10700	1075	108	98	4	5	9

KLUANE PROJECT GEOCHEMICAL RESULTS
I GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
I-	10700	1100	110	137	1	1	2
I-	10700	1125	135	156	13	8	15
I-M-25	9750	1000	60	153	44	28	59
I-M-29	0	0	43	44	40	25	52
I-M-35	600	650	360	1600	54	130	163
I-M-36	8225	1000	265	1000	29	59	77
I-M-37	0	0	62	43	38	17	22
D	5400	1175	26	1214	8	26	24
BL60-80	6000	800	41	487	1	25	10
174-73	10740	730	279	1113	22	48	69
130-89	10300	890	72	124	11	15	12
125-150	10250	1150	68	161	2	11	11
136-55	10360	550	15	46	2	2	1
148-57	10480	570	104	15	7	3	2
161-58 A	10610	580	66	71	2	2	9
161-58 B	10612	580	79	91	2	9	4
100-60	10000	600	177	63	2	6	8
101-60	10010	600	115	140	3	19	4
105-60	10050	600	36	73	2	9	2
110-60	10100	600	75	25	2	8	2
115-60	10150	600	56	90	1	20	3
120-60	10200	600	98	10	2	7	2
120-68	10200	680	65	125	3	14	8
125-60	10250	600	63	73	2	1	17
125-68	10250	680	53	3	8	13	1
145-60	10450	600	37	57	2	15	3
150-60 A	10500	595	900	324	24	36	54
150-60 B	10500	600	95	45	3	6	6
150-67.5	10500	675	27	8	3	11	2
152-68	10520	680	7	11	1	1	1
160-63	10600	630	103	117	7	10	10
162-60	10620	600	62	112	5	7	4
165-60	10650	600	100	55	2	7	3
165-71	10650	710	465	1827	15	79	127
170-60	10700	600	45	137	5	2	6
100-70	10000	700	83	138	4	3	10
103-70	10030	700	101	33	11	2	2
103-79	10030	790	18	884	3	22	54
105-70	10050	700	37	131	2	8	5
110-70 A	10100	700	171	83	18	33	27
110 70 B	10105	700	61	139	12	14	24
113-70	10130	700	107	18	10	15	11
115-70	10150	700	42	9	2	2	2
125-70	10250	700	103	6	1	2	5
135-70	10350	700	13	11	2	1	2
142-71.5	10420	715	79	19	4	6	2
145-70	10450	700	6	20	3	1	4
146-70	10460	700	846	11	1	1	2
150-70	10500	700	22	13	2	1	3

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KLUANE PROJECT GEOCHEMICAL RESULTS
I GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
155-70	10550	700	37	14	6	1	3
168-70	10680	700	99	56	1	1	0
169-70	10690	700	138	29	6	5	13
170-72	10700	720	981	2026	16	84	145
171-70	10710	700	386	175	6	3	21
174-78	10740	780	131	350	18	83	47
174-79	10740	790	127	348	13	88	48
176-79	10760	790	180	418	7	4	2
175-75 A	10750	750	396	2059	19	51	105
175-75 B	10755	750	585	1701	16	84	130
182-72	10820	720	88	132	3	3	10
100-80	10000	800	31	52	4	9	5
100-82	10000	820	70	141	9	15	14
100-87	10000	870	116	105	3	15	6
110-80	10100	800	27	28	2	1	1
105-80	10050	800	102	142	1	13	1
115-80	10150	800	74	40	6	1	1
120-80	10200	800	9	12	1	1	1
125-80	10250	800	19	26	1	1	1
129-80	10290	800	130	46	1	1	4
130-80	10300	800	64	24	91	23	19
133-80	10330	800	169	68	6	25	2
135-80	10350	800	12	23	3	4	2
140-80	10400	800	52	34	1	3	1
145-80	10450	800	6	4	2	3	1
150-80	10500	800	165	27	1	12	1
167-80	10670	800	36	45	1	9	1
170-80	10700	800	18	21	2	5	1
171.5-80 A	10710	800	7	1	2	5	6
171.5-80 B	10715	800	35	19	1	25	1
171.5-80 C	10720	800	8	13	1	4	1
173-80	10730	800	180	978	5	35	20
175-80	10750	800	5	9	1	10	2
100-90	10000	900	130	32	3	17	5
105-90	10050	900	231	17	2	3	6
110-90	10100	900	10	4	11	23	13
115-90	10150	900	59	36	11	3	5
120-90	10200	900	56	35	1	4	1
125-90	10250	900	30	44	1	1	1
128-99 A	10280	985	60	62	2	15	5
128-99 B	10280	990	135	26	7	17	22
129-98	10290	980	134	35	4	10	21
130-90	10300	900	91	23	3	25	2
130-95	10300	950	142	27	10	6	21
131-93	10310	930	56	92	3	12	8
132-90 A	10320	900	89	22	9	10	8
132-90 B	10320	905	112	66	8	7	13
132-91	10320	910	139	24	10	2	7
135-90	10350	900	61	5	8	9	14

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KLUANE PROJECT GEOCHEMICAL RESULTS
I GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
140-90	10400	900	72	19	3	8	8
155-90	10550	900	54	30	9	19	17
170-90	10700	900	89	17	5	20	21
175-90	10750	900	38	21	4	10	5
185-90	10850	900	37	68	1	2	2
193-90	10930	900	63	46	1	6	6
195-90	10950	900	99	85	2	3	8
198-95	10980	950	29	14	1	4	1
150-96	10500	960	7	24	1	9	2
125-100	10250	1000	126	27	67	8	2
127-101.5	10270	1015	60	134	2	10	2
135-100	10350	1000	69	142	8	12	10
140-100	10400	1000	86	37	2	3	2
145-100	10450	1000	74	30	2	1	2
155-100	10550	1000	106	60	1	11	6
165-100	10650	1000	4	5	1	1	1
170-100	10700	1000	82	172	3	17	10
175-100	10750	1000	91	131	2	16	8
180-100	10800	1000	117	25	2	1	4
185-100	10850	1000	27	34	2	8	5
190-100	10900	1000	14	7	1	1	2
200-100	11000	1000	93	382	2	16	13

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KLUANE PROJECT GEOCHEMICAL RESULTS
IV GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
IV	2900	700	140	170	4	1	9
IV	3200	625	84	1670	2	36	50
IV	3200	700	50	1740	2	3	17
IV	3200	750	29	55	14	19	36
IV	3500	675	86	720	6	37	23
IV	3500	700	11	1800	3	171	365
IV	3500	725	8	1760	1	24	20
IV	3500	750	97	1700	14	53	73
IV	3500	775	43	98	2	9	2
IV	4100	725	72	410	2	7	6
IV	4100	750	9	1620	70	19	40
IV	4100	775	6	1880	12	204	185
IV	4100	800	255	1600	5	55	68
IV	4100	825	105	1380	11	46	82
IV	4100	850	30	38	23	53	10
IV	4100	875	5	31	7	6	20
IV	4400	800	112	51	1	9	1
IV	4400	875	13	1580	1	5	34
IV	4700	800	6	1600	1	48	18
IV	4700	825	5	1760	1	15	3
IV	4700	925	22	1750	1	14	8
IV	4700	950	58	1770	3	39	46
IV	4700	975	13	51	2	2	2
IV	4700	1000	205	77	5	3	23
IV	5000	1100	7	69	2	11	1
IV	5000	1125	84	220	16	14	17
IV	5400	575	89	144	5	25	9
IV	5400	600	76	96	3	1	6
IV	5400	625	104	136	2	9	3
IV	5400	650	95	105	2	9	5
IV	5400	675	130	114	4	1	6
IV	5400	900	31	1800	2	22	21
IV	5400	925	32	1750	2	39	34
IV	5400	950	83	410	1	14	14
IV	5400	1050	40	1650	1	7	24
IV	5400	1075	43	1740	2	11	13
IV	5400	1100	25	1560	234	24	7
IV	5400	1125	9	1800	16	66	21
IV	5400	1150	13	1730	50	101	2
IV	5400	1175	46	1320	166	31	33
IV	5700	600	98	126	10	41	30
IV	5700	625	104	116	9	1	12
IV	5700	650	119	167	2	35	2
IV	5700	675	116	134	2	1	2
IV	5700	700	90	144	2	30	6
IV	5700	725	74	142	1	19	2
IV	5700	750	89	115	1	1	2
IV	5700	775	98	120	3	14	2
IV	5700	800	92	104	4	20	2

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KLUANE PROJECT GEOCHEMICAL RESULTS
IV GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
IV	5700	825	78	108	4	14	5
IV	5700	850	84	128	3	2	4
IV	5700	875	88	96	7	9	8
IV	5700	900	76	1100	7	37	27
IV	5700	925	147	1500	9	20	64
IV	5700	950	140	1280	3	22	35
IV	5700	975	40	1700	9	13	18
IV	5700	1000	34	1680	12	45	53
IV	5700	1025	28	1570	8	26	29
IV	5700	1050	38	1470	6	44	41
IV	5700	1075	34	1660	13	21	34
IV	5700	1100	12	1680	7	49	35
IV	5700	1125	38	1940	11	58	66
IV	5700	1150	12	1800	10	43	38
IV	5700	1175	10	24	11	20	21
IV-	1900	600	22	32	5	11	7
IV-	2100	500	600	26	6	2	4
IV-	2100	600	48	22	2	1	1
IV-	2100	700	33	23	5	1	13
IV-	2025	500	40	28	1	22	1
IV	3800	775	7	1690	11	50	27
IV	3800	800	42	1820	280	114	161
IV-M-12	4725	980	27	54	37	2	47
IV-M-13	4725	970	73	270	20	2	6
IV-M-15	4725	210	13	1610	11	7	22
IV-M-23	4100	845	152	23	19	6	21
IV-M-24	3800	1150	23	1390	8	18	20
IV-1-.	5880	1000	240	1620	9	31	26
IV-2-.	5725	1000	22	21	11	1	1
IV-3-.	5420	1010	20	375	3	22	1
IV-4-.	5380	1000	47	680	15	30	10
IV-5-.	5285	1000	8	102	25	98	26
IV-6-.	4975	1000	21	310	26	12	26
IV-7-.	4525	1000	290	1430	33	92	251
IV-8-.	4450	1000	9	20	16	17	29
IV-9-.	4425	1000	42	43	5	1	2
IV-10-.	4275	1000	16500	18	28	2	7
IV-12-.	3700	1020	54	35	6	5	3
IV-13-.	3525	1000	87	104	13	36	7
IV-15-.	2775	1000	24	190	7	1	5
IV-17-.	5900	1000	59	25	13	14	23
IV-18-.	5880	825	35	34	11	19	16
IV-19-.	5850	800	305	16	12	31	14
IV-20-.	5730	900	315	1400	5	22	20
IV-10-T	4275	1050	500	1090	1	15	1
320-63	3200	630	122	1582	58	71	114
320-61	3200	610	23	1609	24	47	67
320-67	3200	670	32	114	17	15	23
320-69	3200	690	2	230	11	62	67

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KLUANE PROJECT GEOCHEMICAL RESULTS
IV GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
320-69.5	3200	695	3	1424	11	20	46
320-70.5	3200	795	6	1555	12	45	43
320-72	3200	720	72	713	9	16	22
320-74	3200	740	559	2517	2	77	185
320-75 A	3200	745	33	195	1	2	1
320-75 B	3200	750	38	161	2	15	4
320-75 C	3200	755	8	20	2	1	1
60-90-L-20	3810	760	2	9	8	1	7
60-118-R-2	3800	745	567	261	10	26	5
60-118-R-2	3800	750	14	1299	4	53	25
60-126	3810	766	7	1291	8	139	50
60-140	3810	780	28	245	7	101	11
60-149-R-3	3760	768	5	1274	6	15	4
60-150-R-3	3760	772	10	1298	6	42	42
60-150-R-5	3760	780	36	1316	22	39	41
60-150-R-5	3760	785	86	197	6	12	19
60-150-R-5	3760	790	26	1360	7	20	22
60-150-R-6	3760	795	103	193	5	13	11
60-150-R-6	3750	780	13	1427	8	31	26
60-150-R-7	3750	785	8	1563	6	52	22
60-160	3810	795	2	1503	9	97	85
60-160-R-2	3790	800	3	1580	7	34	98
60-160-R-3	3770	800	29	1582	5	34	26
60-160-R-5	3760	800	4	1569	2	66	60
60-180	3810	820	2	1602	2	85	74
60-180-L-8	3820	820	27	1563	16	14	9
	3900	700	44	46	8	2	3
	4100	730	17	1570	2	1	2
	4100	750	381	338	3	21	21
	4100	755	538	292	3	7	26
	4100	775	22	1422	2	167	137
	4100	805	109	1287	4	22	30
	4100	800	9	999	1	29	77
	4100	810	60	1406	2	13	28
	4100	820	6	1785	2	6	10
	4100	825	59	1470	4	19	33
	4100	830	21	1238	2	13	9
	4100	835	33	972	2	1	28
	4115	800	5	1115	2	24	48
	4120	730	21	272	2	1	2
	4120	750	8	1376	13	8	18
	4120	770	115	57	14	45	21
	4120	772	16	6	2	1	1
	4120	773	750	1030	4	4	62
	4120	790	13	1455	2	79	8
	4120	795	9	1551	2	1	9
	4120	805	560	911	5	11	30
	4135	800	399	749	11	111	160
	4135	800	21	1568	1	10	10

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KLUANE PROJECT GEOCHEMICAL RESULTS
IV GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
	4800	850	127	1425	4	26	30
	4900	950	8	1350	2	8	6
A	5000	940	144	1591	4	53	79
B	5000	940	19	138	1	2	1
A	5020	920	171	1767	11	63	71
B	5020	925	55	1087	8	24	47
	5020	950	42	1423	34	28	33
	5020	975	9	1381	15	35	44
	5040	925	35	1583	9	64	134
	5040	975	18	165	6	9	7
	5060	925	54	1411	3	15	22
	5060	975	80	1607	10	31	42
	5080	925	7	450	9	89	101
	5080	975	9	1440	4	31	21
	5360	1100	4	1458	1	11	8
	5380	1100	58	536	30	4	132
	5380	1120	24	1630	3	9	10
	5380	1140	3	676	2	4	2
	5380	1160	82	181	2	2	1
	5380	1200	66	24	5	2	1
	5390	1070	22	1336	5	17	1
	5400	1050	39	1625	12	11	16
	5400	1090	39	774	2	33	27
	5400	1100	33	1421	3	2	20
	5400	1110	14	1480	6	23	13
	5400	1150	7	1277	1	14	12
A	5400	1175	11	1462	2	23	26
B	5400	1175	162	1476	4	30	59
C	5400	1175	41	1546	5	23	53
E	5400	1175	2	72	3	1	2
A	5400	1200	41	380	4	6	12
B	5400	1200	3	7	4	1	1
C	5400	1200	2	13	5	1	2
A	5405	1140	13	1681	2	17	16
B	5405	1140	3	1757	2	2	11
	5440	1010	4	1674	3	22	17
	5440	1170	10	900	2	6	36
	5480	1200	2	62	1	9	1

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KLUANE PROJECT GEOCHEMICAL RESULTS
IV GRID - SOIL RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
IV	2900	650	45	390	2	1	2
IV	2900	675	72	2700	1	1	20
IV	3200	600	67	615	2	10	7
IV	3200	650	178	2750	12	73	103
IV	3200	675	74	1750	4	50	33
IV	3200	725	58	2400	2	1	14
IV	4400	825	28	710	2	2	11
IV	4400	850	84	1700	9	13	37
IV	4700	775	37	570	4	9	8
IV	4700	850	10	1800	1	1	1
IV	4700	875	11	1280	9	19	2
IV	4700	900	116	2900	2	1	26
IV	5000	875	144	157	4	1	14
IV	5000	900	155	153	3	1	7
IV	5000	925	130	1800	2	30	43
IV	5000	950	98	1440	2	36	26
IV	5000	975	220	2650	4	50	86
IV	5000	1000	28	1900	1	1	9
IV	5000	1025	39	1800	6	1	13
IV	5000	1050	55	1900	10	25	34
IV	5000	1075	38	1850	1	18	20
IV	5400	700	245	163	10	7	28
IV	5400	725	280	156	1	1	1
IV	5400	750	270	138	4	1	8
IV	5400	775	205	200	7	10	14
IV	5400	800	175	265	13	17	13
IV	5400	825	127	260	2	1	1
IV	5400	850	104	405	14	2	22
IV	5400	875	109	410	1	2	2
IV	5400	1200	93	280	23	1	1
IV	5400	1225	52	1800	1	23	3
IV	6000	500	73	43	7	13	2
IV	6000	525	67	36	4	1	1
IV	6000	550	69	62	1	7	1
IV	6000	575	74	60	3	1	1
IV	6000	600	68	57	4	1	3
IV	6000	625	75	84	4	14	1
IV	6000	650	56	49	32	64	17
IV	6000	675	90	137	2	1	7
IV	6000	700	77	120	1	4	1
IV	6000	725	68	136	2	1	1
IV	6000	750	200	142	2	8	1
IV	6000	775	167	150	1	1	1
IV	6000	800	102	117	2	2	3
IV	6000	825	48	65	3	1	6
IV	6000	850	50	132	2	5	2
IV	6000	875	56	110	2	2	2
IV	6000	900	33	69	5	3	2
IV	6000	925	153	200	8	2	2

KLUANE PROJECT GEOCHEMICAL RESULTS
IV GRID - SOIL RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
IV	6000	950	97	195	6	4	3
IV	6000	975	188	134	4	1	2
IV	6000	1000	67	2500	1	11	1
IV	6000	1025	136	1220	2	32	8
IV	6000	1050	178	1800	2	58	37
IV	6000	1075	250	1950	16	103	99
IV	6000	1100	133	2950	1	79	69
IV	6000	1125	54	1900	1	32	9
IV	6000	1150	72	1480	1	20	1
IV	6000	1175	62	1700	1	21	1
IV	6000	1200	53	1550	1	14	1
IV	6000	1225	142	1850	1	9	1
IV	6000	1250	178	94	6	10	1
IV	6000	1275	106	315	5	28	4
IV	6000	1300	65	170	3	1	2
IV	6000	1325	130	118	6	1	6
IV	6000	1350	112	106	2	1	5
IV	6000	1375	590	101	105	10	8
IV	6000	1400	280	110	10	18	16
IV	6000	1425	124	150	1	9	1
IV	6000	1450	290	108	2	17	1
IV-	1900	500	63	79	2	1	2
IV-	1900	700	32	23	2	6	2
IV-	1900	800	58	34	2	9	3
IV-	1900	850	62	60	3	1	8
IV-	1900	900	42	58	1	3	1
IV-	1900	950	27	22	2	10	2
IV-	2100	800	79	600	6	24	22
IV-	2100	900	34	61	2	2	2
IV-	2100	1000	46	63	18	16	19
IV-	2100	1100	30	36	6	1	11
IV-	2100	1200	28	35	2	7	1
IV-	2100	1275	25	37	3	1	4
IV	3800	725	71	1200	5	24	23
IV	3800	750	85	1750	2	19	22

KLUANE PROJECT GEOCHEMICAL RESULTS
V GRID - ROCK RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
V-1-.	7750	1275	67	1160	20	79	76
V-2-.	7800	1275	106	1410	17	69	34
V-3-.	7800	1450	36	1300	8	32	23
V-4-.	7800	1475	78	1050	9	2	23
V-5-.	7800	1500	570	510	11	14	21
V-7-.	7000	1500	168	640	8	50	45
V-1-K	7900	1450	25	1200	9	67	58
V-2-K	7912	1475	8	44	11	37	22
V-3-K	7600	1500	7	1680	1	13	1
V-4-K	7500	1515	7	112	1	8	1
V-5-K	7500	1500	14	1900	1	41	43
V-6-K	7550	1525	225	56	7	35	7
V-7-K	7100	1275	155	94	8	27	10
V-8-K	6900	1350	86	1650	32	63	82
	7600	1500	173	1694	10	110	156
	7800	1275	70	31	2	2	2
	7800	1300	43	66	1	1	2
	7850	1500	149	10	5	2	2
	7950	1500	6	7	3	7	2
	8150	1465	9	12	2	6	2
	2100	625	44	22	5	2	3
	2200	9500	34	352	2	10	2
	2600	500	151	25	10	13	9
	3020	1000	7	80	3	10	5
	3524	1000	5	1	2	9	2
	3700	1020	5	29	5	1	1
	3900	1000	148	84	3	11	7
	5800	1070	12	2142	2	24	47
	5800	1072	7	73	2	19	47
	5800	1100	85	1482	3	35	27
	5800	1120	18	171	5	67	54
	6000	875	187	31	2	4	11
	6010	800	26	17	4	1	9
	6775	1490	12	3	4	6	2
	6825	950	16	2	1	1	1
	7790	1460	257	1214	4	24	22
	7790	1461	28	1248	1	14	8
	7900	1475	20	28	1	1	1

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KLUANE PROJECT GEOCHEMICAL RESULTS
V GRID - SOIL RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
V-	6100	1350	26	52	2	1	1
V-	6100	1375	32	27	7	8	6
V-	6100	1400	26	19	6	12	2
V-	6100	1450	45	21	1	1	1
V-	6100	1475	48	18	2	1	1
V-	6100	1500	46	24	3	1	1
V-	6200	1350	44	37	2	1	2
V-	6200	1375	68	19	2	1	1
V-	6200	1425	34	16	2	1	4
V-	6200	1450	43	21	1	1	1
V-	6200	1475	45	36	7	2	3
V-	6200	1500	142	34	2	1	1
V-	6300	1350	52	23	12	10	14
V-	6300	1375	85	27	9	10	10
V-	6300	1400	45	28	8	1	8
V-	6300	1425	44	36	7	2	5
V-	6300	1450	96	34	2	3	1
V-	6300	1475	39	12	2	1	2
V-	6300	1500	95	41	7	1	8
V-	6400	1350	50	56	7	12	7
V-	6400	1375	50	63	6	1	5
V-	6400	1400	35	18	2	9	2
V-	6400	1425	44	23	20	25	30
V-	6400	1450	72	24	2	15	4
V-	6400	1475	64	35	2	1	1
V-	6400	1500	56	37	1	1	1
V-	6500	1250	36	20	4	9	1
V-	6500	1275	48	30	4	5	11
V-	6500	1300	72	46	1	1	1
V-	6500	1325	44	22	2	16	3
V-	6500	1350	92	56	2	8	1
V-	6500	1375	48	27	2	1	8
V-	6500	1400	36	25	3	2	11
V-	6500	1425	25	19	1	1	1
V-	6500	1450	53	36	2	10	1
V-	6500	1475	71	33	1	1	1
V-	6500	1500	61	35	1	1	1
V-	6600	1350	40	18	1	1	1
V-	6600	1375	94	36	4	10	2
V-	6600	1400	48	25	4	2	10
V-	6600	1425	77	37	3	1	11
V-	6600	1450	93	30	2	2	2
V-	6600	1475	53	24	1	1	1
V-	6600	1500	89	35	1	1	1
V-	6700	1350	56	21	4	1	6
V-	6700	1375	71	19	1	20	3
V-	6700	1400	120	24	2	1	2
V-	6700	1425	118	27	3	2	6
V-	6700	1450	56	23	5	17	7

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KLUANE PROJECT GEOCHEMICAL RESULTS
V GRID - SOIL RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
V-	6700	1475	50	16	7	1	14
V-	6700	1500	76	20	3	33	10
V-	6700	1525	66	19	6	34	8
V-	6700	1550	92	18	8	2	4
V-	6700	1575	80	22	8	3	7
V-	6800	1350	48	31	2	11	1
V-	6800	1375	20	17	2	2	2
V-	6800	1400	74	21	1	19	1
V-	6800	1425	72	44	2	1	2
V-	6800	1450	96	22	2	1	2
V-	6800	1475	66	51	22	31	19
V-	6800	1500	49	46	4	1	2
V-	6900	1300	53	49	4	14	3
V-	6900	1325	81	31	4	27	6
V-	6900	1350	28	22	2	44	11
V-	6900	1375	87	38	1	5	1
V-	6900	1400	65	35	1	4	1
V-	6900	1425	75	36	33	88	14
V-	6900	1450	82	53	2	1	1
V-	6900	1475	114	44	1	1	1
V-	6900	1500	75	41	6	12	1
V-	6900	1525	93	45	6	1	3
V-	7000	1300	40	38	15	1	2
V-	7000	1325	33	36	6	4	1
V-	7000	1350	55	43	13	2	1
V-	7000	1375	49	48	2	1	1
V-	7000	1400	43	32	8	11	4
V-	7000	1425	47	40	1	1	1
V-	7000	1450	99	44	12	1	2
V-	7000	1475	44	34	1	1	1
V-	7100	1275	38	19	20	32	16
V-	7100	1300	38	3	9	23	6
V-	7100	1325	66	4	1	5	1
V-	7100	1350	51	35	12	13	1
V-	7100	1375	72	31	10	8	1
V-	7100	1400	78	27	5	1	4
V-	7100	1425	95	40	1	2	1
V-	7100	1450	67	49	9	13	6
V-	7200	1300	24	13	2	1	1
V-	7200	1325	70	30	9	1	5
V-	7200	1350	89	30	1	2	1
V-	7200	1375	85	31	6	2	2
V-	7200	1400	40	16	3	21	1
V-	7200	1425	80	32	5	4	2
V-	7300	1325	56	30	7	1	1
V-	7300	1350	47	22	1	8	1
V-	7300	1375	80	32	3	1	1
V-	7300	1400	112	38	2	1	1
V-	7300	1425	70	27	2	24	1

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KLUANE PROJECT GEOCHEMICAL RESULTS
V GRID - SOIL RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
V-	7300	1450	107	40	2	1	1
V-	7300	1475	105	36	7	2	4
V-	7300	1500	39	45	7	6	9
V-	7300	1525	61	92	6	1	2
V-	7300	1550	22	23	6	16	12
V-	7400	1350	72	27	2	2	1
V-	7400	1375	59	22	7	32	8
V-	7400	1400	63	24	6	4	13
V-	7400	1475	113	760	164	11	17
V-	7400	1500	76	700	114	16	21
V-	7400	1525	47	60	3	16	8
V-	7400	1550	39	43	1	4	2
V-	7500	1450	94	145	2	37	5
V-	7500	1475	41	114	2	2	14
V-	7500	1500	54	190	1	1	2
V-	7500	1525	69	33	9	1	2
V-	7700	1275	28	11	1	19	1
V-	7700	1300	27	13	18	3	4
V-	7700	1325	48	19	1	16	2
V-	7700	1350	55	19	3	16	2
V-	7700	1375	85	54	3	17	5
V-	7700	1400	72	62	15	4	8
V-	7700	1425	70	84	5	14	1
V-	7700	1450	88	120	11	2	10
V-	7700	1475	75	127	2	1	2
V-	7700	1500	79	109	36	1	13
V-	7700	1525	52	85	1	17	1
V-	7700	1550	49	84	2	18	2
V-	7800	1275	62	27	40	50	6
V-	7800	1300	84	28	2	5	6
V-	7800	1325	97	29	2	16	2
V-	7800	1350	67	24	68	21	4
V-	7800	1375	51	280	17	18	10
V-	7800	1400	80	945	95	5	23
V-	7800	1425	98	1145	30	59	46
V-	7800	1450	139	1680	61	25	36
V-	7800	1475	73	77	119	2	5
V-	7800	1500	104	42	18	26	1
V-	7800	1525	95	53	24	2	9
V-	7800	1550	39	71	27	1	6
V-	7900	1250	36	18	36	13	19
V-	7900	1275	52	22	41	6	4
V-	7900	1300	68	30	142	1	3
V-	7900	1325	68	540	26	23	18
V-	7900	1350	77	2040	21	12	24
V-	7900	1375	53	515	14	13	13
V-	7900	1400	59	390	59	2	4
V-	7900	1425	65	143	2	1	2
V-	7900	1450	68	96	37	13	2

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KLUANE PROJECT GEOCHEMICAL RESULTS
V GRID - SOIL RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
V-	7900	1475	84	106	30	18	3
V-	7900	1500	29	32	1	1	1
V-	7900	1525	50	90	4	1	1
V-	7900	1550	40	71	2	2	2
V-	8000	1250	104	35	3	3	3
V-	8000	1275	117	36	10	8	8
V-	8000	1300	113	37	13	21	21
V-	8000	1325	92	35	12	11	11
V-	8000	1350	81	1620	4	17	17
V-	8000	1375	65	2250	200	28	28
V-	8000	1400	65	1270	17	27	27
V-	8000	1450	240	670	18	14	14
V-	8000	1475	44	47	5	6	6
V-	8000	1500	63	59	8	2	1
V-	8000	1525	15	28	1260	29	42
V-	8000	1550	16	24	115	42	2
V-	8100	1325	26	17	76	10	3
V-	8100	1350	86	105	49	14	2
V-	8100	1375	44	430	42	23	2
V-	8100	1400	35	405	37	1	16
V-	8100	1425	37	396	9	13	2
V-	8100	1450	78	108	5	8	22
V-	8100	1475	59	91	2	1	1
V-	8100	1500	41	32	1	38	2
V-	8100	1525	39	40	29	10	9
V-	8200	1225	64	31	17	25	3
V-	8200	1250	44	26	17	16	2
V-	8200	1275	37	24	1	1	5
V-	8200	1300	78	40	5	10	18
V-	8200	1325	58	34	5	9	1
V-	8200	1350	64	31	9	15	13
V-	8200	1375	37	20	1	1	1
V-	8200	1400	92	1290	13	25	46
V-	8200	1425	74	850	1	32	39
V-	8200	1450	32	48	1	6	2
V-	8200	1475	59	330	1	3	16
V-	8200	1500	38	73	3	11	6
V-	8200	1525	84	56	8	1	1
V-	8200	1550	36	31	44	1	1
V-	8300	1300	32	16	72	17	2
V-	8300	1325	38	22	2	1	3
V-	8300	1350	61	28	1	2	1
V-	8300	1375	86	138	1	1	8
V-	8300	1400	37	33	1	29	8
V-	8300	1425	134	1180	271	20	46
V-	8300	1450	73	360	38	1	13
V-	8300	1475	69	655	5	15	4
V-	8300	1500	86	415	2	1	2
V-	8300	1525	37	63	2	2	1

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KLUANE PROJECT GEOCHEMICAL RESULTS
V GRID - SOIL RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
V-	8300	1550	51	31	5	18	1
V-	8400	1275	58	26	7	1	1
V-	8400	1300	83	44	7	5	1
V-	8400	1325	66	31	11	10	9
V-	8400	1350	50	25	7	1	1
V-	8400	1375	37	27	12	12	2
V-	8400	1400	77	106	8	1	2
V-	8400	1450	80	190	2	1	1
V-	8400	1475	77	310	2	1	1
V-	8400	1500	54	87	1	4	1
V-	8400	1525	43	71	1	8	1
V-	8400	1550	71	90	6	30	3
V-	8400	1575	43	56	23	2	14
V-	8400	1600	20	23	15	9	15
V-	8400	1625	12	16	4	55	7
	7350	1400	61	16	15	17	4
	7350	1425	83	11	11	3	13
	7350	1450	62	11	2	1	7
	7350	1475	25	13	2	5	6
	7350	1500	42	21	2	5	4
	7450	1400	73	11	1	1	1
	7600	1300	57	13	6	12	3
	7600	1325	56	14	1	1	3
	7600	1350	68	16	6	1	1
	7600	1375	86	11	2	1	2
	7600	1400	63	10	5	1	4
	7600	1425	93	1120	2	8	28
	7600	1450	29	109	1	1	3
	7600	1475	82	416	2	2	9
	7600	1500	59	220	6	9	15
	7750	1250	53	15	5	2	4
	7750	1275	30	11	2	11	5
	7750	1300	83	13	5	15	10
	7750	1325	96	13	2	5	7
	7750	1350	76	15	3	10	11
	7750	1375	47	9	3	2	15
	7750	1400	154	522	2	11	37
	7750	1425	52	197	2	7	7
	7750	1450	28	81	1	1	2
	7750	1475	29	84	1	10	1
	7750	1500	29	66	1	1	1
	7800	1400	67	609	2	1	15
	7850	1250	32	21	2	1	2
	7850	1275	29	18	3	1	5
	7850	1300	54	16	1	3	1
	7850	1325	77	16	10	7	11
	7850	1350	71	9	10	2	12
	7850	1375	76	1542	3	11	33
	7850	1400	429	185	5	2	3

KLUANE PROJECT GEOCHEMICAL RESULTS
V GRID - SOIL RESULTS

SAMPLE	NORTH (M)	EASTING (M)	COPPER (PPM)	NICKEL (PPM)	GOLD (PPB)	PLATINUM (PPB)	PALADIUM (PPB)
	7850	1425	651	70	1	1	1
	7850	1450	186	21	1	1	1
	7850	1475	86	24	1	1	2
	7850	1500	61	29	1	1	1
	7900	1400	59	370	3	7	12
	7950	1250	30	14	1	1	1
	7950	1275	31	10	2	1	3
	7950	1300	60	12	2	5	1
	7950	1325	66	13	2	1	2
	7950	1350	78	1061	9	32	33
	7950	1375	55	718	2	4	20
	7950	1400	68	261	6	2	4
	7950	1425	66	114	2	1	2
	7950	1450	89	54	4	3	3
	7950	1475	57	14	1	1	1
	7950	1500	50	19	5	3	8
	8050	1250	102	14	10	7	7
	8050	1275	107	16	1	1	1
	8050	1300	104	13	7	3	2
	8050	1325	79	15	2	3	2
	8050	1350	81	14	2	1	2
	8050	1375	66	493	3	10	11
	8050	1400	35	57	1	1	2
	8050	1425	27	24	2	3	2
	8050	1450	23	19	7	9	1
	8050	1475	255	36	28	10	5
	8050	1500	88	96	14	4	10
	8100	1300	36	13	6	1	8
	8100	1325	35	17	2	1	2
	8100	1350	35	18	2	2	7
	8100	1375	48	384	3	4	11
	8100	1400	52	455	13	28	12
	8100	1425	32	31	2	11	2
	8100	1450	29	80	3	1	8
	8100	1475	33	21	1	1	2
	8100	1500	23	21	4	1	8
	8150	1300	79	25	2	1	4
	8150	1325	87	25	1	1	1
	8150	1350	78	16	3	1	7
	8150	1375	79	23	1	1	1
	8150	1400	46	468	1	15	8
	8150	1425	44	154	8	9	4
	8150	1450	59	66	2	2	3
	8150	1475	33	20	1	3	1
	8150	1500	24	26	1	1	2

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