

LOG NO: 10-12	RD.
ACTION:	
FILE NO:	

GEOLOGICAL AND GEOCHEMICAL

REPORT  
ON THE  
TR PROJECT

CLINTON MINING DIVISION

N.T.S. 92-O-12

LATITUDE  $51^{\circ} 31'$ , LONGITUDE  $123^{\circ} 38'$

OWNER: PLACER DOME INC.  
OPERATOR: PLACER DOME INC.

R. B. Pease

SEPTEMBER, 1990

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**20,356**

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Plate II	Zinc in Soil . . . . .	"
Plate III	Gold in Soil . . . . .	"
Plate IV	Arsenic in Soil . . . . .	"
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Appendix II	Basic Statistics, Correlation Matrix and Histogram Plots of Geochemical Data

## 1.0 Summary

The TR claims are located approximately 125 kilometres southwest of Williams Lake, British Columbia. They adjoin the northwestern portion of the claims covering the Fish Lake copper-gold porphyry deposit.

The claims were located to cover the drainage area of a gold anomaly in a bulk stream sediment sample. The property is underlain by sediments of the Kingsvale Formation, which are intruded by a Tertiary quartz-diorite stock. Target mineralization is a "porphyry" style low-grade gold deposit.

A small soil grid was established which returned weak and sporadic results. Geologic mapping did not locate mineralized or altered bedrock/float in the area of anomalous soils, but bedrock exposure must be considered poor.

More exploration work covering a larger portion of the claim block is required to determine the source of the original bulk stream sediment anomaly.

## 2.0 Description of Property

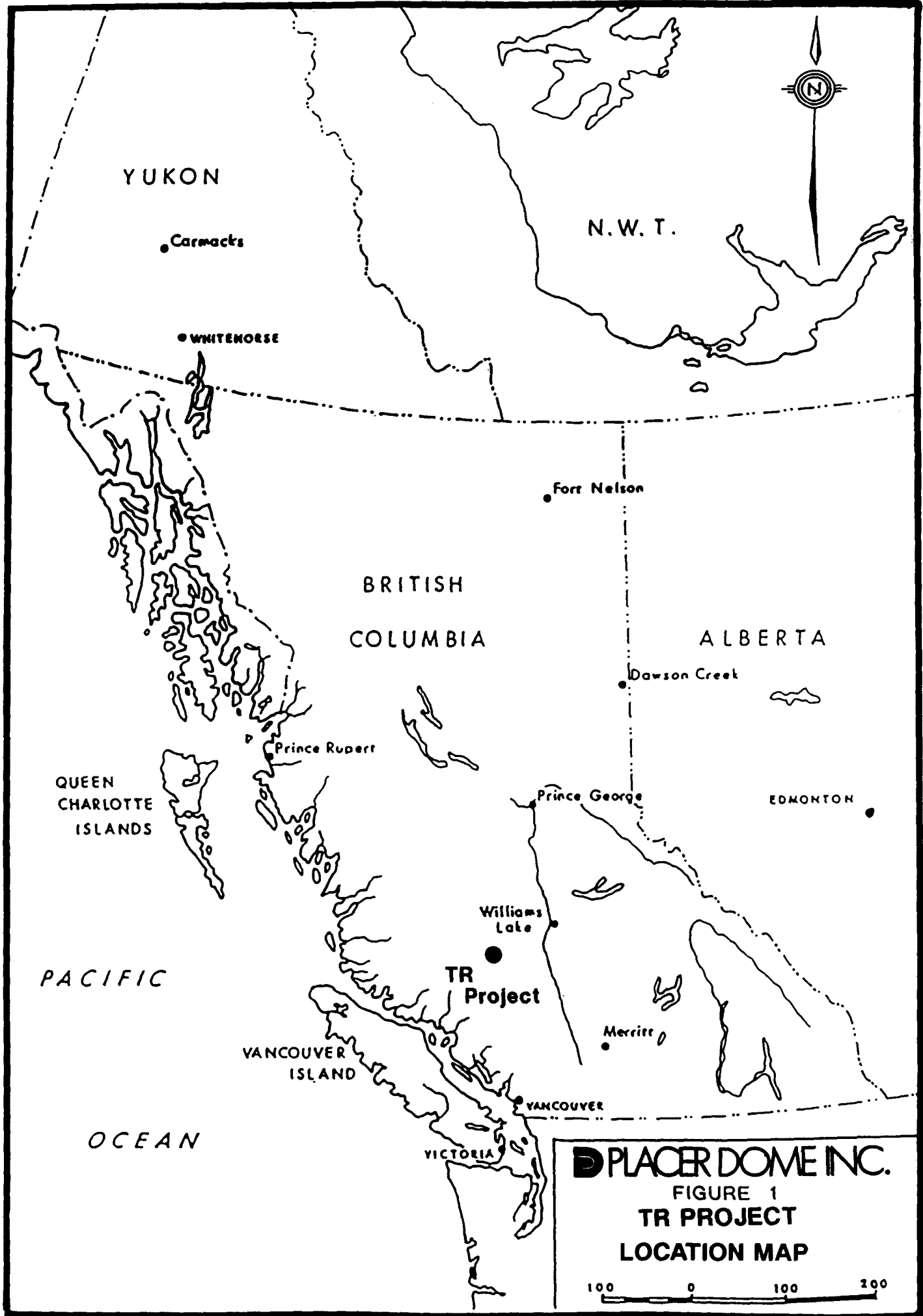
### 2.1 Objective

The TR claims were staked to cover the drainage system of a 2950 ppb gold anomaly in the -150 mesh fraction of a bulk stream sediment sample. A small soil grid was established and prospecting/mapping traverses were conducted in an attempt to locate the source of the anomaly.

### 2.2 Location and Access

The TR property is located approximately 250 kilometres north of Vancouver in the Chilcotin Plateau. The claims are roughly centred on Cone Hill, which is immediately east of the Taseko River and eight kilometres north of Fish Lake.

Access is via Highway 20 from Williams Lake to Hanceville, followed by approximately 80 kilometres of good quality gravel road to the property (see Figure 1). This road traverses the western edge of the claim block; access to the rest of the property is by foot.



### 2.3 Physiography

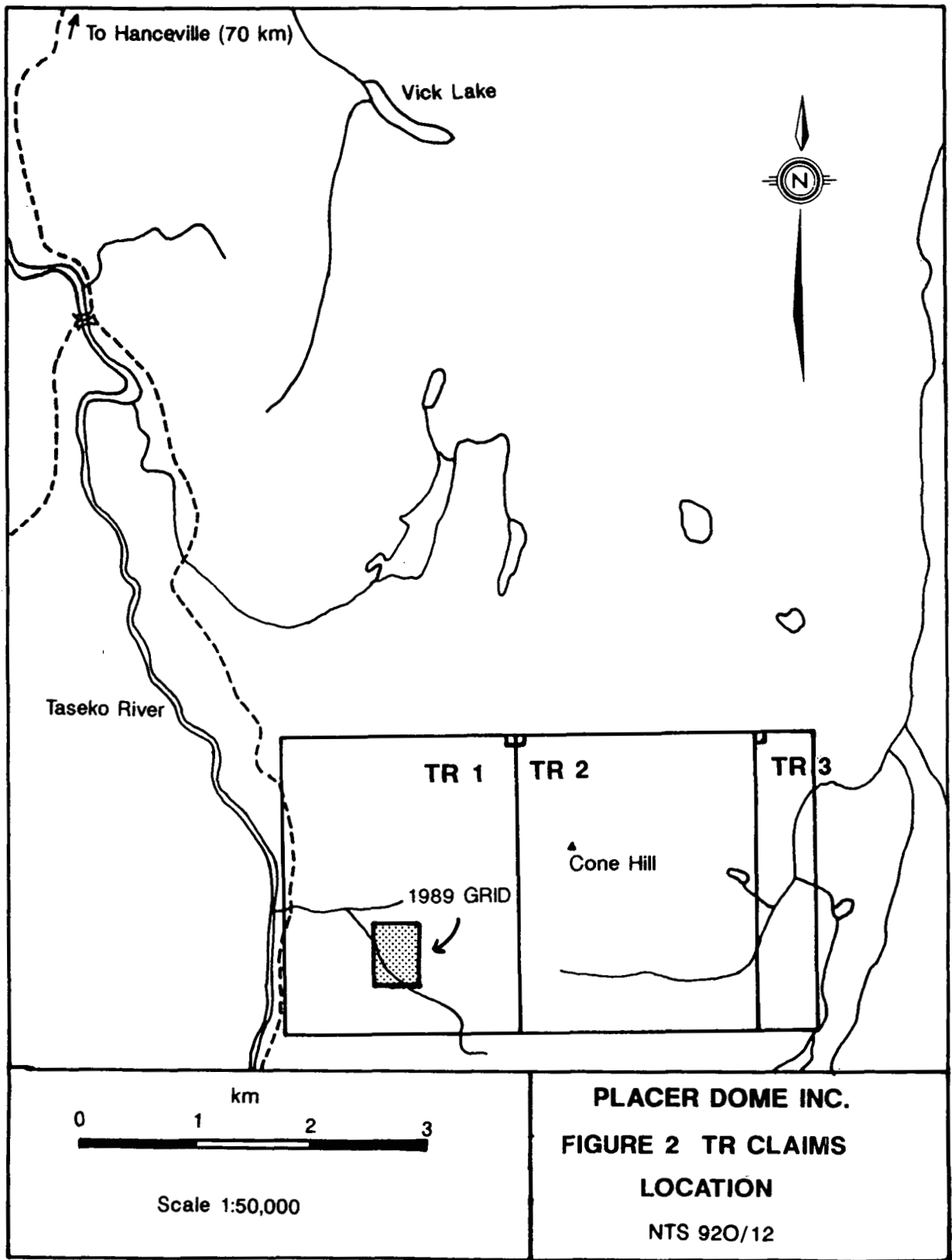
The property covers the relatively gentle slopes of Cone Hill. Forest cover consists of spruce, pine and poplar. A large forest fire burn covers the northwestern slope of Cone Hill. Elevations range from 4000 to 5800 feet. There is no current land use, with the exception of potential timber harvesting.

### 2.4 Claim Status

The TR property consists of three modified grid mineral claims. A claim schedule is listed below in Table 1 and the claims are shown on Figure 2. The expiry dates shown take into account the assessment work documented in this report being accepted as applied.

Table 1

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>	<u>Owner</u>
TR 1	20	2984	Jul. 14, 1992	Placer Dome Inc.
TR 2	20	2985	Jul. 14, 1992	Placer Dome Inc.
TR 3	5	2986	Jul. 14, 1992	Placer Dome Inc.



To Hanceville (70 km)

Vick Lake

Taseko River

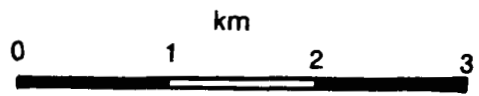
TR 1

TR 2

TR 3

Cone Hill

1989 GRID



Scale 1:50,000

**PLACER DOME INC.**

**FIGURE 2 TR CLAIMS**

**LOCATION**

NTS 920/12

## 2.5 History

There is little documented exploration activity in the immediate area of the current claims. Brinco Mining Limited conducted a regional geochemical survey in 1984, and staked claims covering the Cone Hill area. Preliminary surveys detected sporadic anomalous gold-in-soil values on Cone Hill (Epp, et. al., 1985). Some hand trenching was conducted to followed-up the anomalies, but bedrock was not reached. Brinco's claims subsequently lapsed.

The Fish Lake copper/gold porphyry deposit is located immediately southeast of the TR claims. Exploration work by several companies in the 1960's and early 1970's has outlined a deposit of 200 million tonnes grading 0.24 % copper and 0.48 g/t gold.

## 3.0 Regional Geology

The claim area is underlain by rocks forming part of the Tyaughton Trough successor basin. Mid-Jurassic to late Cretaceous sedimentary and volcanic rocks of the Kingsvale Group form a belt of northwest trending, folded, and faulted lithologies.

Younger plutonic to hypabyssal stocks and dyke complexes have intruded the Kingsvale Group. Relatively flat lying basaltic lavas of the Pliocene and Miocene age overlie considerable portions of the Kingsvale Group and the plutonic rocks.

Large scale transcurrent movement has occurred along the northwest trending Yalakom fault. Smaller scale related faults trend north-northwesterly.



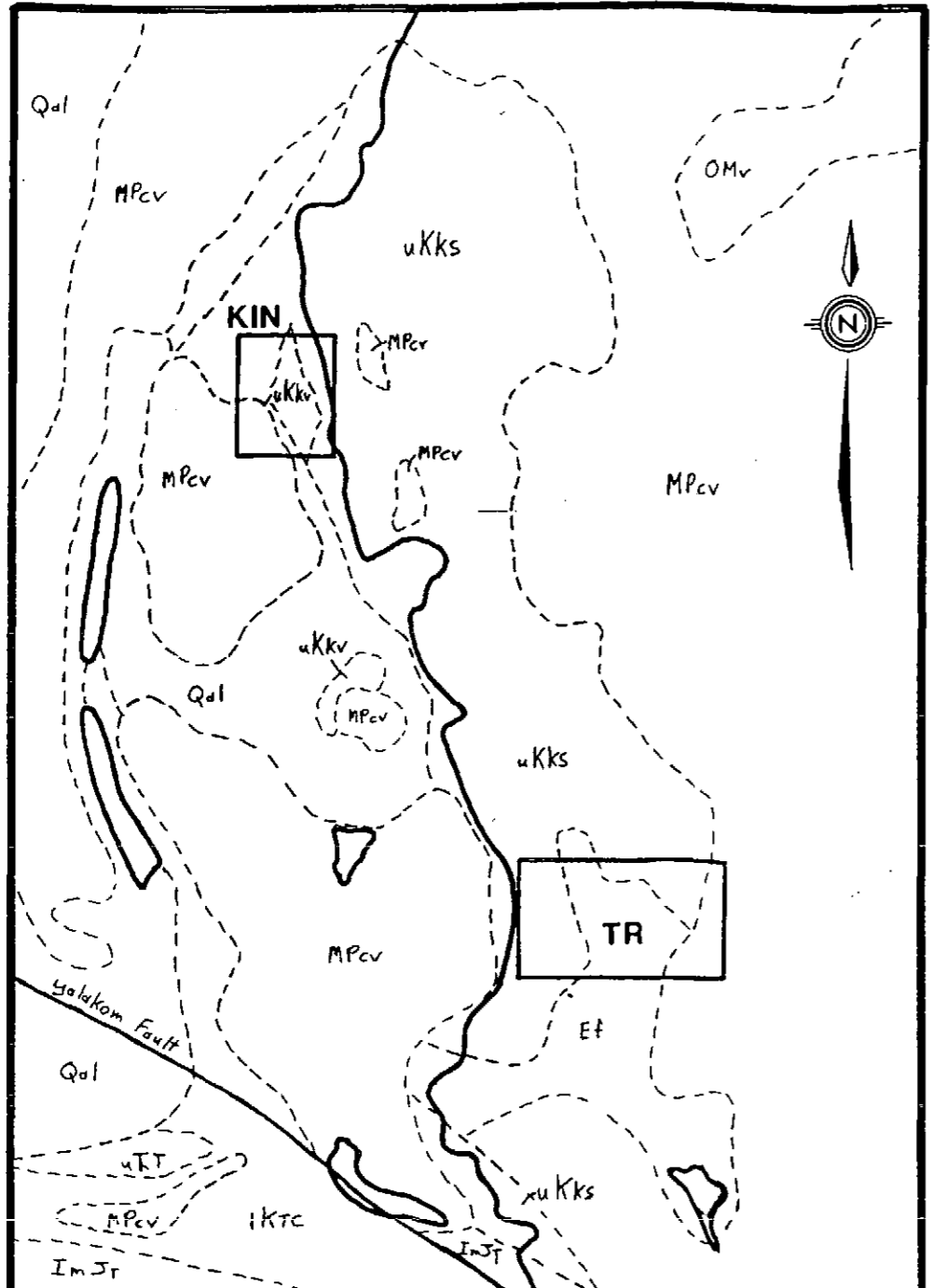
#### 4.0 Property Geology

The geologic setting of the TR claims is illustrated on Figure 3. The property is underlain by volcanic and sedimentary rocks of the Kingsvale Group. They consist of well bedded sandstone, conglomerate, greywacke, and lithic tuff. These units trend north-northwesterly and tend to dip steeply, and are exposed mainly on the western side of the property.

The Kingsvale units have been intruded by a Tertiary stock of quartz diorite composition. It is typically medium grained and displays distinctive phenocrysts of hornblende and biotite.

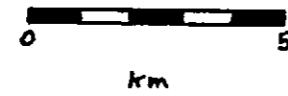
The Kingsvale and Tertiary intrusive rocks are exposed as a window within the relatively flat lying basaltic lavas of Pliocene or Miocene age. A north-northwest trending fault likely parallels the western claim boundary along the Taseko River.

No altered or mineralized bedrock or float were located during the cursory geologic mapping of the property.



**PLACER DOME INC.**

**FIGURE 3 TR AND KIN PROJECTS  
LOCAL GEOLOGY**



**LEGEND**

**SEDIMENTARY AND VOLCANIC ROCKS**

- QUATERNARY**  
**PLEISTOCENE AND RECENT**  
**Qal** Fill, gravel, sand, clay, and silt
- UPPER MIOCENE AND/OR PLEISTOCENE**  
**CHILCOTIN GROUP**  
**MPcv** Olivine basalt, andesite; minor rhyolite tuff and breccia
- OLIGOCENE AND (?) LOWER MIOCENE**  
**OMv** Grey to brown, fine-grained to porphyritic and amygdaloidal andesite and basalt tuff, breccia, and flows
- CRETACEOUS**  
**UPPER CRETACEOUS (CENOMANIAN)**  
**KINGSVALE GROUP**  
**uKkv** Verticoloured andesitic, dacitic basaltic pyroclastic; minor flows and volcanic sediments  
**uKks** Interbedded siltstone, greywacke, conglomerate
- LOWER CRETACEOUS (CAPTIAN AND ALBIAN)**  
**TAYLOR CREEK GROUP**  
**IKTc** Dark grey to black shale and siltstone, chert pebble conglomerate; minor quartzose sandstone
- TRIASSIC AND JURASSIC**  
**UPPER TRIASSIC TO MIDDLE JURASSIC**  
**TYALGHOON GROUP**  
**(SINEMURIAN TO MIDDLE BAJOCIAN)**  
**ImJt** Dark grey to black shale and argillite, grey greywacke  
**(NORIAN TO METTANGIAN)**  
**uKt** Massive limestone, red conglomerate, clay greywacke, grit and shale

**PLUTONIC ROCKS**

- TERTIARY**  
**Eocene**  
**Ef** Feltsite, feldspar porphyry, biotite feldspar porphyry

Compilation by H.W. Tipper 1978

## 5.0 Soil Geochemical Survey

The geochemical survey on the TR claims included collection of 227 soil samples from a small grid and two reconnaissance lines along the sides of a west flowing creek. Survey control was maintained by compass and hip-chain. Lines on the grid are spaced 50 metres apart. Soil samples were collected at 25 metre intervals along the lines.

### 5.1 Sample Collection

A narrow bladed spade, a plastic spoon, and Kraft paper bags were used in the field to obtain and package the samples. Soil material was collected from the BC or B-horizon. Sample depths ranged from 15.0 to 40.0 centimetres, but commonly average 30.0 centimetres. Notes on the nature of the soil material collected and on-site conditions were recorded to aid interpretation of the geochemical results.

Soils on the TR Claims are generally well-drained and dry. They are very poorly developed and typically consist of a very thin organic layer over a very thin to non-existent grey leached layer, the A2-horizon. The B-horizon, or zone of metal and mineral accumulation, is only occasionally recognized as a distinct layer; commonly it is gradational into the C-horizon or parent material. The BC-horizon is typically medium to dark brown in colour; sometimes it has a lighter tan or greyish tint.

Examination of the sample field notes reveals that soils within the property have developed on either colluvium or till. This material is probably locally transported, however geochemical anomalies in colluvium and till should be traceable to their source. From examination of local air photographs, the regional ice movement appears to have been from the north to the south.

## 5.2 Sample Preparation and Analysis

All the soil samples were delivered to Eco-Tech Laboratory in Kamloops where they were oven dried and sieved to produce a -80 mesh fraction. A sub-sample was weighed for geochemical analysis. Each sample was analyzed for gold, silver, copper, zinc, lead, and arsenic. The digestion and detection techniques used for each element are given in Table 2 below.

Table 2

Analytical Extraction and Detection Techniques used by Echo-Tech Laboratories Ltd.

<u>Element</u>	<u>Unit</u>	<u>Grams</u>	<u>Digestion</u>	<u>Detection Limit</u>	<u>Instrumentation</u>
Cu	ppm	0.5	Aqua-Regia	1 ppm	Atomic Absorption
Zn	ppm	0.5	Aqua-Regia	1 ppm	Atomic Absorption
Pb	ppm	0.5	Aqua-Regia	2 ppm	Atomic Absorption (background corrected)
Ag	ppm	0.5	Aqua-Regia	0.1 ppm	Atomic Absorption (background corrected)
Au	ppb	10.0	Fire Assay	5 ppb	Atomic Absorption
As	ppm	0.5	Aqua Regia	1 ppm	Hydride Gen. A.A.

## 5.3 Data Treatment and Presentation

A list of the analytical results for the soil samples is given in Appendix I. Basic statistics and histograms were employed to examine the structure of the results for each element (Appendix II). Log-transformed data was used for calculation of the correlation matrix and construction of the histograms because preliminary examination of the raw geochemical results indicated that the distributions for most elements, except possibly lead and silver, are lognormal.

Plots illustrating the spatial relationships of the soil sample data are presented in Plates I to VI. Element concentrations at each sample site are classified into fixed ranges (class intervals) as

determined from the histograms. Symbols of fixed dimension were assigned to each class interval.

## 6.0 Discussion of Geochemical Results

Tabulated below are the basic statistics for soil geochemical results from the TR property.

<u>Element</u>	<u>Minimum Value</u>	<u>Mean</u>	<u>Maximum Value</u>	<u>Standard Deviation</u>
Copper	15 ppm	36 ppm	102 ppm	13 ppm
Zinc	42 ppm	86 ppm	211 ppm	25 ppm
Gold	3 ppb	11 ppb	90 ppb	11 ppb
Arsenic	3 ppm	13 ppm	70 ppm	10 ppm
Lead	1 ppm	6 ppm	17 ppm	3 ppm
Silver	.05 ppm	.09 ppm	.30 ppm	.05 ppm

Examination of the correlation matrix (Appendix II) for this element suite reveals a moderate statistical correlation between copper and arsenic values, and copper and lead values. A scatter plot of copper versus arsenic does demonstrate a correlation, but a plot of copper versus lead shows little correlation.

The following range of values are considered to be background, threshold, and anomalous concentrations for each element.

<u>Element</u>	<u>Background</u>	<u>Threshold</u>	<u>Anomalous</u>	<u>Plate No.</u>
Copper	< 30 ppm	30-50 ppm	> 50 ppm	I
Zinc	< 100 ppm	100-125 ppm	>125 ppm	II
Gold	< 5 ppb	5-20 ppb	> 20 ppb	III
Arsenic	< 15 ppm	15-20 ppm	> 20 ppm	IV
Lead	< 17 ppm	N/A	N/A	V
Silver	< 0.5 ppm	N/A	N/A	VI

Plots of the geochemical results for the various elements illustrate that underlying bedrock lithology does not appear to control element distribution. It is also noted that although background for gold is less than 5 ppb, gold distribution for concentrations less than 20 ppb appear to be a function of analytical noise rather than a response to natural features.

Higher concentrations of copper, zinc and arsenic do not clearly define multi-element geochemical anomalies, but rather separate sporadic areas of interest. Gold concentrations greater than 20 ppb form poorly defined and weak anomalies, but do indicate two general areas of interest. No anomalous levels of lead or silver were obtained.

The two areas of elevated gold values are located at the northern and southern portions of the grid, although the values are weak. Anomalous arsenic values are concentrated in the northwestern corner of the grid, and are open to the northwest. Copper and zinc anomalous values, form small isolated clusters.

## 7.0 Conclusions and Recommendations

The source of the bulk stream sediment gold anomaly was not located by the small survey conducted on the TR claims. Sporadic anomalous soil values in gold, arsenic, copper, and zinc were determined. Although these anomalies are not significant in themselves, they do provide an indication that a mineralized source may be located nearby.

More work is recommended to attempt to locate the source of the bulk stream sediment anomaly. Geologic mapping, soil geochemistry, and magnetometer and VLF-EM surveys should be completed over the claim block. These surveys will target specific areas for trenching and/or drilling.

**8.0 Statement of Expenditures**

<b>1. Salaries</b>	
R. Pease, 2 days @ \$ 400/day	\$ 800.00
M. Deschenes, 3 days @ \$ 250/day	750.00
R. MacGillivary, 3 days @ \$ 250/day	750.00
J. Pflanz, 4 days @ \$150/day	600.00
<b>2. Geochemical Analysis</b>	
227 soils @ 14.50/sample	\$ 3291.50
<b>3. Accommodation and Meals</b>	
12 Man-days @ \$ 75/man/day	\$ 900.00
<b>4. Vehicle</b>	
6 days @ \$ 75/day	\$ 450.00
<b>5. Report Preparation</b>	\$ <u>2000.00</u>
<b>Total</b>	\$ <u>9541.50</u>

## 9.0 References

Epp, W. R. and Butterworth, B. P. (1985): Geology, Geochemistry, Geophysics and Percussion Drilling, Taseko Claims. British Columbia Assessment Report No. 14159.

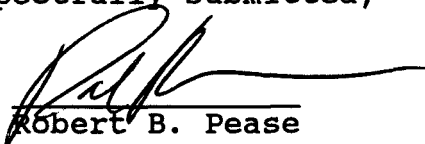


## 10.0 Statement of Qualifications

I, Robert B. Pease, of 1872 Whistler Court, Kamloops B. C., do hereby certify that:

1. I graduated from the University of Waterloo, Waterloo Ontario, with an Honours B. Sc. Degree in Earth Sciences, in 1981.
2. From 1976 until the present, I have been engaged studying geology, or working in mineral exploration or mine geology, in various regions of Canada. I have been employed continuously by Placer Dome Inc., or subsidiaries, since 1982.
3. I am an Associate of the Geological Association of Canada, and a member of the Canadian Institute of Mining and Metallurgy.
4. I personally supervised and participated in the field work as described in this report, and have assessed the resulting data.

Respectfully Submitted,



Robert B. Pease

APPENDIX I

List of Analytical Results for Soils

## TR CLAIMS

## 1989 SOIL RESULTS

LAB PROJ.	FIELD GRID		UTM GRID		Au	Ag	Cu	Pb	Zn	As	
	LINE EAST	STATION NORTH	EAST	NORTH	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	
675-	1	1600.00	1800.00	454104.50	5706727.00	35.00	.10	20.00	6.00	68.00	7.00
675-	2	1600.00	1825.00	454129.40	5706727.00	15.00	.20	21.00	6.00	122.00	3.00
675-	3	1600.00	1850.00	454154.30	5706727.00	35.00	.05	20.00	5.00	64.00	3.00
675-	4	1600.00	1875.00	454179.20	5706727.00	5.00	.05	21.00	5.00	90.00	8.00
675-	5	1600.00	1900.00	454204.10	5706727.00	25.00	.20	40.00	6.00	95.00	9.00
675-	6	1600.00	1925.00	454229.00	5706727.00	20.00	.10	26.00	5.00	76.00	10.00
675-	7	1600.00	1950.00	454253.90	5706727.00	5.00	.10	50.00	4.00	103.00	10.00
675-	8	1600.00	1975.00	454278.80	5706727.00	20.00	.05	32.00	6.00	66.00	11.00
675-	9	1600.00	2000.00	454303.60	5706727.00	35.00	.05	40.00	5.00	54.00	15.00
675-	10	1600.00	2025.00	454328.50	5706727.00	5.00	.05	33.00	6.00	85.00	13.00
675-	11	1600.00	2050.00	454353.40	5706727.00	65.00	.05	28.00	6.00	68.00	12.00
675-	12	1600.00	2075.00	454378.30	5706727.00	10.00	.05	32.00	4.00	48.00	13.00
675-	13	1600.00	2100.00	454403.20	5706727.00	5.00	.20	22.00	4.00	71.00	10.00
675-	14	1600.00	2125.00	454428.10	5706727.00	5.00	.20	48.00	4.00	65.00	17.00
675-	15	1600.00	2150.00	454453.00	5706727.00	10.00	.10	57.00	5.00	68.00	15.00
675-	16	1600.00	2175.00	454477.90	5706727.00	3.00	.10	58.00	6.00	71.00	19.00
675-	17	1600.00	2200.00	454502.80	5706727.00	20.00	.20	70.00	7.00	70.00	18.00
675-	18	1650.00	1800.00	454103.20	5706776.00	60.00	.10	27.00	4.00	107.00	21.00
675-	19	1650.00	1825.00	454128.10	5706776.00	15.00	.20	23.00	3.00	79.00	6.00
675-	20	1650.00	1850.00	454153.00	5706776.00	5.00	.10	18.00	4.00	82.00	4.00
675-	21	1650.00	1875.00	454177.90	5706776.00	5.00	.20	21.00	5.00	92.00	7.00
675-	22	1650.00	1900.00	454202.90	5706776.00	3.00	.10	43.00	4.00	60.00	14.00
675-	23	1650.00	1925.00	454227.80	5706776.00	20.00	.30	58.00	3.00	66.00	12.00
675-	24	1650.00	1950.00	454252.80	5706776.00	30.00	.10	29.00	2.00	59.00	13.00
675-	25	1650.00	1975.00	454277.70	5706776.00	15.00	.10	22.00	4.00	56.00	10.00
675-	26	1650.00	2000.00	454302.60	5706776.00	20.00	.20	30.00	3.00	94.00	10.00
675-	27	1650.00	2025.00	454327.50	5706776.00	10.00	.10	36.00	3.00	54.00	12.00
675-	28	1650.00	2050.00	454352.40	5706776.00	15.00	.10	51.00	4.00	69.00	10.00
675-	29	1650.00	2075.00	454377.40	5706776.00	20.00	.10	102.00	5.00	73.00	17.00
675-	30	1650.00	2100.00	454402.30	5706776.00	15.00	.20	70.00	4.00	150.00	16.00
675-	31	1650.00	2125.00	454427.30	5706776.00	3.00	.10	23.00	3.00	91.00	10.00
675-	32	1650.00	2150.00	454452.20	5706776.00	3.00	.30	39.00	4.00	77.00	12.00

LAB PROJ.	FIELD GRID		UTM GRID		Au	Ag	Cu	Pb	Zn	As
	LINE EAST	STATION NORTH	EAST	NORTH	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
675- 33	1650.00	2175.00	454477.10	5706776.00	5.00	.10	33.00	6.00	68.00	11.00
675- 34	1650.00	2200.00	454502.00	5706776.00	5.00	.10	32.00	2.00	51.00	10.00
675- 35	1700.00	1800.00	454103.60	5706828.00	3.00	.05	53.00	3.00	73.00	17.00
675- 36	1700.00	1825.00	454128.50	5706828.00	3.00	.10	25.00	5.00	126.00	9.00
675- 37	1700.00	1850.00	454153.50	5706827.00	3.00	.05	29.00	3.00	121.00	7.00
675- 38	1700.00	1875.00	454178.40	5706827.00	3.00	.10	25.00	3.00	95.00	8.00
675- 39	1700.00	1900.00	454203.30	5706827.00	20.00	.20	31.00	7.00	56.00	9.00
675- 40	1700.00	1925.00	454228.30	5706827.00	15.00	.10	35.00	4.00	60.00	9.00
675- 41	1700.00	1950.00	454253.20	5706827.00	5.00	.05	27.00	2.00	42.00	12.00
675- 42	1700.00	1975.00	454278.10	5706827.00	10.00	.10	42.00	3.00	65.00	18.00
675- 43	1700.00	2000.00	454303.10	5706826.00	3.00	.10	45.00	5.00	69.00	22.00
675- 44	1700.00	2025.00	454328.00	5706826.00	10.00	.05	69.00	3.00	78.00	26.00
675- 45	1700.00	2050.00	454352.90	5706826.00	10.00	.05	49.00	2.00	53.00	25.00
675- 46	1700.00	2075.00	454377.90	5706826.00	3.00	.10	27.00	3.00	122.00	14.00
675- 47	1700.00	2100.00	454402.80	5706826.00	5.00	.10	19.00	5.00	53.00	7.00
675- 48	1700.00	2125.00	454427.70	5706826.00	3.00	.10	45.00	3.00	68.00	11.00
675- 49	1700.00	2150.00	454452.70	5706826.00	5.00	.05	20.00	6.00	115.00	13.00
675- 50	1700.00	2175.00	454477.60	5706825.00	3.00	.05	25.00	7.00	122.00	9.00
675- 51	1700.00	2200.00	454502.50	5706825.00	5.00	.05	29.00	5.00	95.00	10.00
675- 52	1750.00	1800.00	454102.20	5706877.00	5.00	.05	17.00	3.00	109.00	6.00
675- 53	1750.00	1825.00	454127.30	5706877.00	3.00	.05	32.00	4.00	115.00	8.00
675- 54	1750.00	1850.00	454152.30	5706876.00	5.00	.10	26.00	6.00	88.00	9.00
675- 55	1750.00	1875.00	454177.30	5706876.00	5.00	.05	30.00	3.00	154.00	9.00
675- 56	1750.00	1900.00	454202.40	5706876.00	15.00	.10	23.00	6.00	80.00	7.00
675- 57	1750.00	1925.00	454227.50	5706876.00	10.00	.05	42.00	4.00	57.00	11.00
675- 58	1750.00	1950.00	454252.50	5706876.00	3.00	.10	38.00	5.00	73.00	15.00
675- 59	1750.00	1975.00	454277.60	5706876.00	25.00	.05	21.00	4.00	47.00	10.00
675- 60	1750.00	2000.00	454302.60	5706875.00	90.00	.05	15.00	5.00	84.00	9.00
675- 61	1750.00	2025.00	454327.70	5706875.00	5.00	.05	21.00	3.00	76.00	8.00
675- 62	1750.00	2050.00	454352.80	5706875.00	15.00	.10	19.00	2.00	80.00	5.00
675- 63	1750.00	2075.00	454377.80	5706875.00	10.00	.20	20.00	4.00	137.00	9.00
675- 64	1750.00	2100.00	454402.80	5706875.00	5.00	.10	16.00	3.00	112.00	5.00
675- 65	1750.00	2125.00	454427.90	5706875.00	10.00	.20	21.00	5.00	138.00	4.00
675- 66	1750.00	2150.00	454452.90	5706875.00	10.00	.10	20.00	3.00	92.00	8.00

LAB PROJ.	FIELD GRID		UTM GRID		Au	Ag	Cu	Pb	Zn	As
	LINE EAST	STATION NORTH	EAST	NORTH	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
675- 67	1750.00	2175.00	454478.00	5706874.00	15.00	.05	55.00	3.00	64.00	13.00
675- 68	1750.00	2200.00	454503.10	5706874.00	3.00	.20	41.00	4.00	86.00	13.00
675- 69	1800.00	1800.00	454099.70	5706921.00	3.00	.10	33.00	2.00	103.00	10.00
675- 70	1800.00	1825.00	454124.80	5706921.00	5.00	.10	39.00	3.00	125.00	10.00
675- 71	1800.00	1875.00	454174.90	5706921.00	5.00	.20	29.00	5.00	114.00	9.00
675- 72	1800.00	1900.00	454199.90	5706920.00	10.00	.05	35.00	6.00	87.00	11.00
675- 73	1800.00	1925.00	454225.00	5706920.00	10.00	.05	49.00	3.00	90.00	11.00
675- 74	1800.00	1950.00	454250.10	5706920.00	5.00	.05	59.00	6.00	62.00	11.00
675- 75	1800.00	1975.00	454275.10	5706920.00	3.00	.10	23.00	4.00	67.00	8.00
675- 76	1800.00	2000.00	454300.20	5706920.00	25.00	.05	29.00	4.00	65.00	8.00
675- 77	1800.00	2025.00	454325.20	5706920.00	5.00	.10	29.00	6.00	74.00	11.00
675- 78	1800.00	2050.00	454350.30	5706919.00	3.00	.10	28.00	4.00	51.00	9.00
675- 79	1800.00	2075.00	454375.30	5706919.00	3.00	.10	32.00	7.00	96.00	10.00
675- 80	1800.00	2100.00	454400.40	5706919.00	10.00	.10	37.00	8.00	80.00	6.00
675- 81	1800.00	2125.00	454425.50	5706919.00	5.00	.20	32.00	9.00	74.00	8.00
675- 82	1800.00	2150.00	454450.50	5706919.00	5.00	.10	31.00	7.00	73.00	9.00
675- 83	1800.00	2175.00	454475.60	5706918.00	10.00	.10	32.00	8.00	85.00	7.00
675- 84	1800.00	2200.00	454500.60	5706918.00	3.00	.20	46.00	11.00	105.00	10.00
675- 85	1850.00	1800.00	454100.80	5706972.00	3.00	.20	55.00	8.00	65.00	48.00
675- 86	1850.00	1825.00	454125.80	5706972.00	3.00	.10	37.00	9.00	81.00	14.00
675- 87	1850.00	1850.00	454150.80	5706972.00	3.00	.05	38.00	9.00	133.00	10.00
675- 88	1850.00	1875.00	454175.80	5706972.00	10.00	.05	51.00	10.00	95.00	8.00
675- 89	1850.00	1900.00	454200.80	5706972.00	3.00	.10	67.00	10.00	69.00	9.00
675- 90	1850.00	1925.00	454225.80	5706972.00	15.00	.10	66.00	11.00	68.00	15.00
675- 91	1850.00	1950.00	454250.90	5706972.00	10.00	.10	30.00	13.00	70.00	8.00
675- 92	1850.00	1975.00	454275.90	5706972.00	5.00	.10	31.00	11.00	69.00	6.00
675- 93	1850.00	2000.00	454300.90	5706972.00	3.00	.05	29.00	10.00	70.00	10.00
675- 94	1850.00	2025.00	454325.90	5706972.00	3.00	.10	28.00	9.00	65.00	6.00
675- 95	1850.00	2050.00	454350.90	5706972.00	3.00	.10	45.00	12.00	73.00	14.00
675- 96	1850.00	2075.00	454375.90	5706972.00	15.00	.10	32.00	10.00	90.00	7.00
675- 97	1850.00	2100.00	454400.90	5706972.00	10.00	.10	29.00	7.00	63.00	5.00
675- 98	1850.00	2125.00	454425.90	5706972.00	3.00	.05	27.00	8.00	116.00	3.00
675- 99	1850.00	2150.00	454450.90	5706972.00	3.00	.10	35.00	7.00	185.00	4.00
675-100	1850.00	2175.00	454475.90	5706972.00	15.00	.05	40.00	9.00	73.00	9.00

LAB PROJ.	FIELD GRID		UTM GRID		Au	Ag	Cu	Pb	Zn	As
	LINE EAST	STATION NORTH	EAST	NORTH	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
675-101	1850.00	2200.00	454500.90	5706972.00	15.00	.05	22.00	7.00	83.00	12.00
675-102	1900.00	1800.00	454099.40	5707021.00	20.00	.05	34.00	8.00	112.00	7.00
675-103	1900.00	1825.00	454124.50	5707021.00	20.00	.10	30.00	6.00	67.00	6.00
675-104	1900.00	1850.00	454149.60	5707021.00	5.00	.10	63.00	9.00	73.00	15.00
675-105	1900.00	1875.00	454174.70	5707021.00	10.00	.10	65.00	9.00	88.00	13.00
675-106	1900.00	1900.00	454199.80	5707021.00	3.00	.05	30.00	8.00	97.00	7.00
675-107	1900.00	1925.00	454224.80	5707022.00	15.00	.05	39.00	5.00	71.00	16.00
675-108	1900.00	1950.00	454249.90	5707022.00	5.00	.05	36.00	7.00	67.00	10.00
675-109	1900.00	1975.00	454275.00	5707022.00	10.00	.10	31.00	6.00	105.00	8.00
675-110	1900.00	2000.00	454300.10	5707022.00	30.00	.05	28.00	7.00	80.00	11.00
675-111	1900.00	2025.00	454325.20	5707022.00	10.00	.05	35.00	7.00	71.00	7.00
675-112	1900.00	2050.00	454350.30	5707022.00	5.00	.10	61.00	9.00	83.00	9.00
675-113	1900.00	2075.00	454375.30	5707022.00	10.00	.10	70.00	8.00	77.00	6.00
675-114	1900.00	2100.00	454400.40	5707022.00	3.00	.05	59.00	9.00	60.00	14.00
675-115	1900.00	2125.00	454425.50	5707022.00	10.00	.05	52.00	8.00	63.00	13.00
675-116	1900.00	2150.00	454450.60	5707022.00	15.00	.10	50.00	8.00	75.00	15.00
675-117	1900.00	2175.00	454475.70	5707022.00	15.00	.05	46.00	7.00	66.00	18.00
675-118	1900.00	2200.00	454500.80	5707022.00	10.00	.05	33.00	7.00	82.00	10.00
675-119	1950.00	1800.00	454098.00	5707072.00	10.00	.05	32.00	8.00	53.00	14.00
675-120	1950.00	1825.00	454123.10	5707072.00	20.00	.05	49.00	7.00	65.00	11.00
675-121	1950.00	1850.00	454148.20	5707072.00	5.00	.05	37.00	9.00	155.00	9.00
675-122	1950.00	1875.00	454173.30	5707073.00	10.00	.05	30.00	8.00	70.00	7.00
675-123	1950.00	1900.00	454198.40	5707073.00	3.00	.10	39.00	10.00	69.00	10.00
675-124	1950.00	1925.00	454223.60	5707073.00	10.00	.05	33.00	7.00	51.00	6.00
675-125	1950.00	1950.00	454248.70	5707073.00	3.00	.10	39.00	7.00	66.00	8.00
675-126	1950.00	1975.00	454273.80	5707073.00	3.00	.10	26.00	7.00	104.00	7.00
675-127	1950.00	2000.00	454298.90	5707073.00	10.00	.05	50.00	10.00	86.00	14.00
675-128	1950.00	2025.00	454324.10	5707073.00	15.00	.05	48.00	10.00	81.00	16.00
675-129	1950.00	2050.00	454349.20	5707073.00	5.00	.20	40.00	9.00	83.00	14.00
675-130	1950.00	2075.00	454374.30	5707074.00	3.00	.05	31.00	9.00	79.00	8.00
675-131	1950.00	2100.00	454399.40	5707074.00	10.00	.05	34.00	10.00	76.00	6.00
675-132	1950.00	2125.00	454424.50	5707074.00	5.00	.10	28.00	11.00	91.00	11.00
675-133	1950.00	2150.00	454449.70	5707074.00	10.00	.10	37.00	9.00	82.00	9.00
675-134	1950.00	2175.00	454474.80	5707074.00	10.00	.05	38.00	12.00	110.00	10.00

LAB PROJ.	FIELD GRID		UTM GRID		Au	Ag	Cu	Pb	Zn	As
	LINE EAST	STATION NORTH	EAST	NORTH	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
675-135	1950.00	2200.00	454499.90	5707074.00	5.00	.05	37.00	8.00	125.00	11.00
675-136	2000.00	1800.00	454098.50	5707122.00	3.00	.05	26.00	7.00	111.00	8.00
675-137	2000.00	1825.00	454123.50	5707122.00	5.00	.10	55.00	8.00	118.00	7.00
675-138	2000.00	1850.00	454148.60	5707122.00	10.00	.05	28.00	8.00	90.00	6.00
675-139	2000.00	1875.00	454173.60	5707122.00	20.00	.10	58.00	9.00	83.00	12.00
675-140	2000.00	1900.00	454198.70	5707123.00	3.00	.05	35.00	8.00	80.00	10.00
675-141	2000.00	1925.00	454223.70	5707123.00	25.00	.10	30.00	8.00	100.00	8.00
675-142	2000.00	1950.00	454248.70	5707123.00	3.00	.05	42.00	11.00	86.00	7.00
675-143	2000.00	1975.00	454273.80	5707123.00	10.00	.05	56.00	8.00	97.00	11.00
675-144	2000.00	2000.00	454298.80	5707123.00	30.00	.05	55.00	8.00	100.00	14.00
675-145	2000.00	2025.00	454323.80	5707124.00	10.00	.10	49.00	8.00	105.00	16.00
675-146	2000.00	2050.00	454348.90	5707124.00	15.00	.05	54.00	9.00	98.00	18.00
675-147	2000.00	2075.00	454373.90	5707124.00	20.00	.05	48.00	9.00	89.00	15.00
675-148	2000.00	2100.00	454398.90	5707124.00	10.00	.10	47.00	9.00	82.00	12.00
675-149	2000.00	2125.00	454424.00	5707125.00	25.00	.05	46.00	8.00	87.00	14.00
675-150	2000.00	2150.00	454449.00	5707125.00	5.00	.05	39.00	10.00	211.00	8.00
675-151	2000.00	2175.00	454474.10	5707125.00	20.00	.05	45.00	9.00	90.00	10.00
675-152	2000.00	2200.00	454499.10	5707125.00	5.00	.10	25.00	8.00	104.00	7.00
675-154	2050.00	1800.00	454097.60	5707174.00	10.00	.05	26.00	6.00	82.00	17.00
675-155	2050.00	1825.00	454122.60	5707174.00	5.00	.05	28.00	5.00	71.00	9.00
675-156	2050.00	1850.00	454147.60	5707174.00	10.00	.10	31.00	5.00	66.00	12.00
675-157	2050.00	1875.00	454172.60	5707174.00	10.00	.10	35.00	7.00	73.00	29.00
675-158	2050.00	1900.00	454197.60	5707174.00	20.00	.20	33.00	8.00	86.00	30.00
675-159	2050.00	1925.00	454222.60	5707174.00	5.00	.10	30.00	6.00	115.00	30.00
675-160	2050.00	1950.00	454247.60	5707174.00	15.00	.05	47.00	8.00	106.00	45.00
675-161	2050.00	1975.00	454272.70	5707174.00	10.00	.10	46.00	7.00	107.00	54.00
675-153	2050.00	2000.00	454297.70	5707174.00	10.00	.20	66.00	9.00	77.00	15.00
675-180	2050.00	2025.00	454322.70	5707174.00	15.00	.10	31.00	6.00	92.00	11.00
675-182	2050.00	2050.00	454347.70	5707174.00	5.00	.05	23.00	5.00	86.00	13.00
675-184	2050.00	2075.00	454372.70	5707174.00	5.00	.05	41.00	7.00	63.00	19.00
675-186	2050.00	2100.00	454397.70	5707174.00	15.00	.10	49.00	4.00	97.00	17.00
675-187	2050.00	2125.00	454422.70	5707174.00	10.00	.05	46.00	3.00	79.00	17.00
675-188	2050.00	2150.00	454447.70	5707174.00	10.00	.10	36.00	10.00	108.00	13.00
675-189	2050.00	2175.00	454472.70	5707174.00	35.00	.05	31.00	5.00	65.00	14.00

LAB PROJ.	FIELD GRID		UTM GRID		Au	Ag	Cu	Pb	Zn	As
	LINE EAST	STATION NORTH	EAST	NORTH	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
675-190	2050.00	2200.00	454497.70	5707174.00	10.00	.10	30.00	6.00	78.00	10.00
675-185	2051.00	2000.00	454298.60	5707174.00	5.00	.10	31.00	5.00	84.00	11.00
675-179	2051.00	2025.00	454321.60	5707164.00	25.00	.10	33.00	5.00	86.00	11.00
675-181	2051.00	2050.00	454344.60	5707155.00	10.00	.05	55.00	7.00	74.00	18.00
675-183	2051.00	2075.00	454367.60	5707145.00	25.00	.05	72.00	17.00	112.00	34.00
675-162	2100.00	1800.00	454097.60	5707222.00	5.00	.20	26.00	8.00	73.00	50.00
675-163	2100.00	1825.00	454122.60	5707222.00	5.00	.05	29.00	7.00	61.00	55.00
675-164	2100.00	1850.00	454147.60	5707222.00	3.00	.10	36.00	5.00	66.00	58.00
675-165	2100.00	1875.00	454172.70	5707222.00	10.00	.05	22.00	3.00	70.00	67.00
675-166	2100.00	1900.00	454197.70	5707222.00	10.00	.05	28.00	2.00	56.00	70.00
675-167	2100.00	1925.00	454222.80	5707223.00	15.00	.10	34.00	6.00	111.00	11.00
675-168	2100.00	1950.00	454247.80	5707223.00	50.00	.10	44.00	11.00	142.00	16.00
675-169	2100.00	1975.00	454272.80	5707223.00	3.00	.10	46.00	10.00	97.00	16.00
675-170	2100.00	2000.00	454297.90	5707223.00	5.00	.05	44.00	8.00	105.00	15.00
675-171	2100.00	2025.00	454322.90	5707223.00	10.00	.10	39.00	6.00	75.00	17.00
675-172	2100.00	2050.00	454347.90	5707224.00	5.00	.10	42.00	4.00	73.00	19.00
675-173	2100.00	2075.00	454373.00	5707224.00	15.00	.05	46.00	9.00	109.00	18.00
675-174	2100.00	2100.00	454398.00	5707224.00	10.00	.10	38.00	6.00	114.00	16.00
675-175	2100.00	2125.00	454423.10	5707224.00	15.00	.10	29.00	5.00	76.00	12.00
675-176	2100.00	2150.00	454448.10	5707224.00	3.00	.05	25.00	3.00	66.00	12.00
675-177	2100.00	2175.00	454473.20	5707225.00	5.00	.05	22.00	6.00	97.00	8.00
675-178	2100.00	2200.00	454498.20	5707225.00	10.00	.05	29.00	6.00	87.00	14.00
675-191	2155.00	1550.00	453846.80	5707311.00	10.00	.05	20.00	4.00	87.00	6.00
675-192	2155.00	1575.00	453883.90	5707312.00	15.00	.10	31.00	3.00	62.00	8.00
675-193	2185.00	1525.00	453816.40	5707344.00	15.00	.05	21.00	2.00	80.00	7.00
675-194	2200.00	1150.00	453441.30	5707355.00	5.00	.05	32.00	3.00	172.00	12.00
675-195	2200.00	1175.00	453466.20	5707356.00	30.00	.10	26.00	3.00	67.00	12.00
675-196	2200.00	1200.00	453491.00	5707356.00	10.00	.05	25.00	7.00	114.00	8.00
675-197	2200.00	1225.00	453515.80	5707357.00	25.00	.05	19.00	4.00	77.00	7.00
675-198	2200.00	1250.00	453540.70	5707357.00	10.00	.10	17.00	3.00	100.00	8.00
675-199	2200.00	1275.00	453565.50	5707357.00	15.00	.05	23.00	2.00	87.00	12.00
675-200	2200.00	1300.00	453590.30	5707358.00	5.00	.05	16.00	5.00	76.00	12.00
675-201	2200.00	1325.00	453615.20	5707358.00	15.00	.05	17.00	2.00	71.00	6.00
675-202	2200.00	1350.00	453640.00	5707359.00	35.00	.05	15.00	1.00	64.00	5.00



LAB PROJ.	FIELD GRID		UTM GRID		Au	Ag	Cu	Pb	Zn	As
	LINE	STATION	EAST	NORTH	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	<u>EAST</u>	<u>NORTH</u>	<u>EAST</u>	<u>NORTH</u>						
675-203	2200.00	1375.00	453664.80	5707359.00	5.00	.10	20.00	5.00	99.00	5.00
675-204	2200.00	1400.00	453689.70	5707360.00	5.00	.05	25.00	2.00	72.00	8.00
675-205	2200.00	1425.00	453714.50	5707360.00	3.00	.05	49.00	1.00	89.00	7.00
675-206	2200.00	1450.00	453739.30	5707360.00	10.00	.10	27.00	2.00	69.00	9.00
675-207	2200.00	1475.00	453764.20	5707361.00	3.00	.05	38.00	4.00	77.00	11.00
675-208	2200.00	1500.00	453789.00	5707361.00	35.00	.10	38.00	2.00	85.00	11.00
675-209	2285.00	1425.00	453711.90	5707442.00	5.00	.20	37.00	3.00	87.00	12.00
675-210	2285.00	1450.00	453737.00	5707442.00	5.00	.30	61.00	5.00	76.00	10.00
675-211	2285.00	1475.00	453762.00	5707442.00	5.00	.10	46.00	5.00	93.00	11.00
675-212	2285.00	1500.00	453787.10	5707442.00	5.00	.05	60.00	3.00	101.00	10.00
675-213	2285.00	1525.00	453812.20	5707442.00	5.00	.20	35.00	1.00	98.00	12.00
675-214	2265.00	1550.00	453840.00	5707420.00	5.00	.10	29.00	1.00	132.00	10.00
675-215	2265.00	1575.00	453865.20	5707420.00	5.00	.05	41.00	2.00	151.00	10.00
675-216	2265.00	1600.00	453890.30	5707420.00	5.00	.20	29.00	8.00	118.00	9.00
675-217	2300.00	1150.00	453437.90	5707453.00	3.00	.10	33.00	6.00	103.00	14.00
675-218	2300.00	1175.00	453462.50	5707454.00	5.00	.05	34.00	4.00	149.00	10.00
675-219	2300.00	1200.00	453487.10	5707455.00	5.00	.05	49.00	4.00	46.00	17.00
675-220	2300.00	1225.00	453511.80	5707455.00	25.00	.05	25.00	4.00	90.00	10.00
675-221	2300.00	1250.00	453536.30	5707456.00	10.00	.05	19.00	6.00	72.00	10.00
675-222	2300.00	1275.00	453561.00	5707456.00	10.00	.10	24.00	6.00	49.00	8.00
675-223	2300.00	1300.00	453585.60	5707457.00	10.00	.10	26.00	5.00	54.00	9.00
675-224	2300.00	1325.00	453610.20	5707458.00	10.00	.10	35.00	7.00	61.00	12.00
675-225	2300.00	1350.00	453634.80	5707458.00	5.00	.05	32.00	6.00	72.00	12.00
675-226	2300.00	1375.00	453659.40	5707459.00	5.00	.05	34.00	5.00	67.00	8.00
675-227	2300.00	1400.00	453684.00	5707460.00	5.00	.10	35.00	7.00	48.00	11.00

APPENDIX II

Basic Statistics,  
Correlation Matrix  
and

Histogram Plots of Geochemical Data

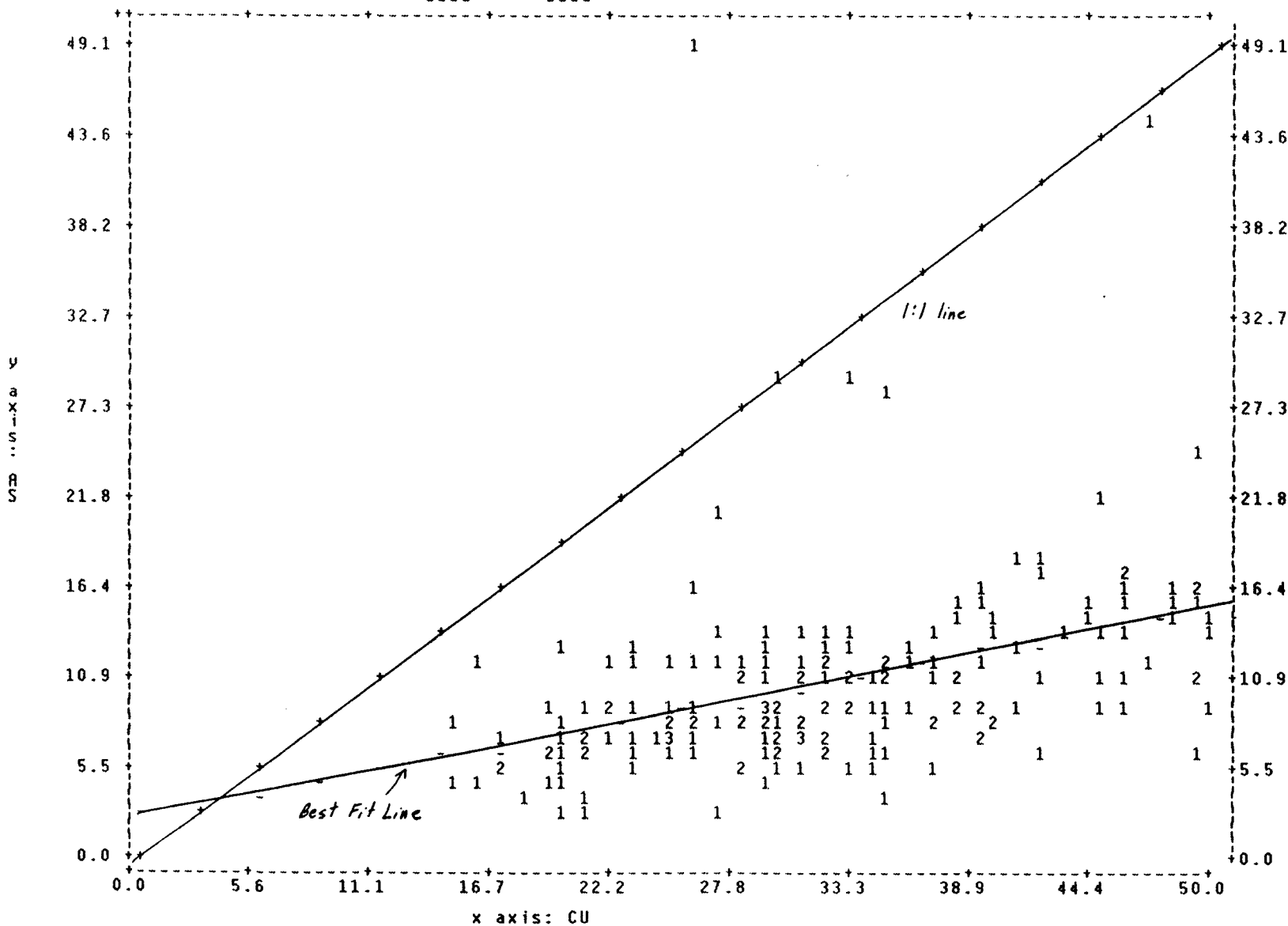


SCPLOT :  
file: tr-soils.utm

TR CLAIMS 1989 SOILS

RUN ON 90:09:23 AT 15:25:20

CU vs AS LOGX =0 LOGY =0 REPVAL = .00100



PLOT SUMMARY

227 X-Y PAIRS  
36 VALUES > MAX  
0 VALUES < MIN  
191 PLOTTED

\* = 10 OR MORE  
+ = 1:1 LINE  
- = LEAST-SQUARE  
LINE Y=A+BX

All data:

X	MINMAX	Y
15		3.0
102		70

REGRESSION LINE

A = 2.9072  
B = .25458  
VARIANCE  
28.579  
STD. DEVIATION  
5.3459  
CORRELATION COEF  
.38986

Plotted Points:

X	MINMAX	Y
AVG		
32.241		
AVG		
11.115		
15		3.0
50		50

PLOT INCREMENTS

X: .55556  
Y: .90909

SCPLOT :

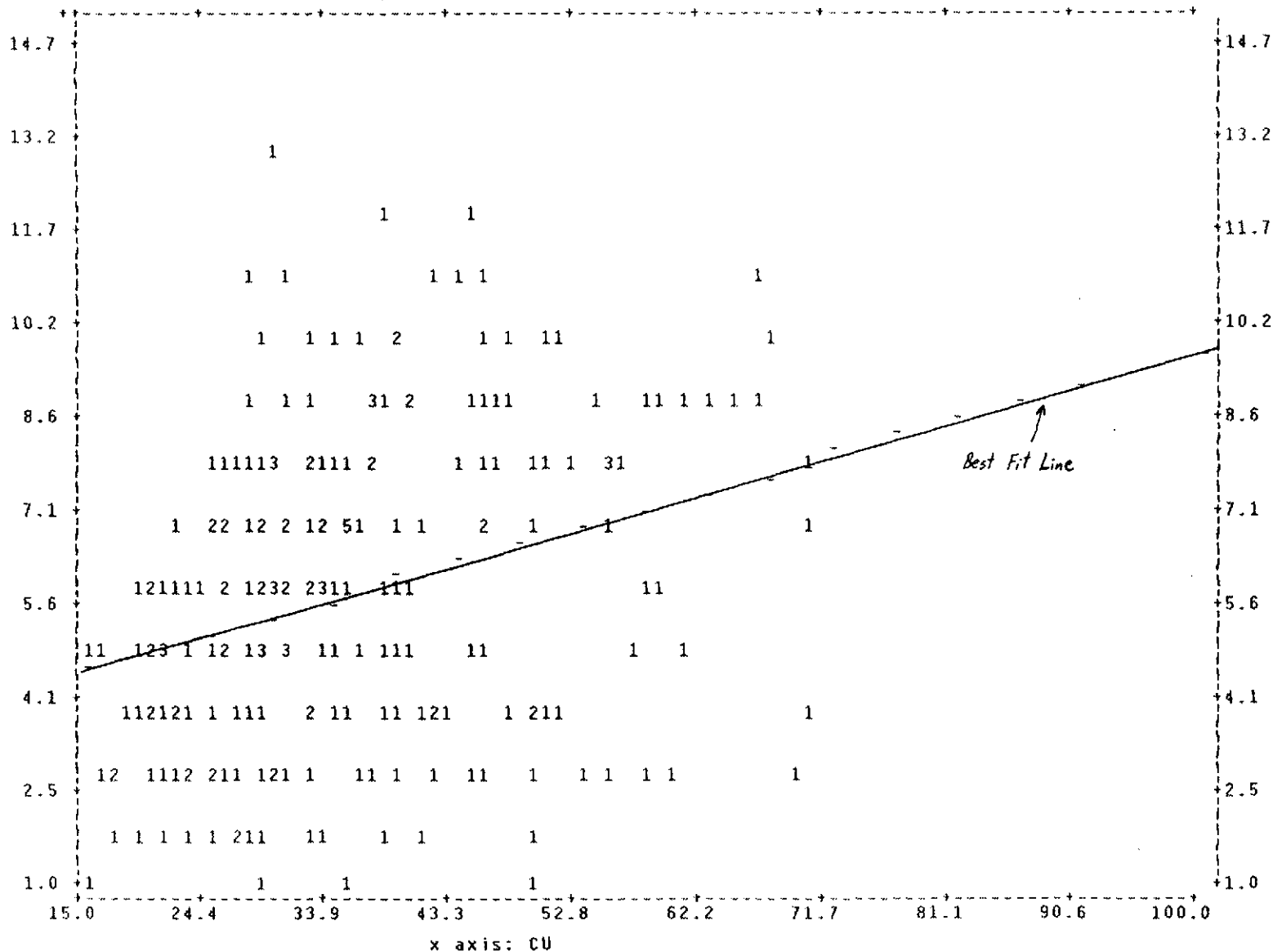
TR CLAIMS 1989 SOILS

RUN ON 90:09:23 AT 15:25:20

file: tr-soils.ut#

CU vs PB LOGX =0 LOGY =0 REPVAL = .00100

Y  
a  
x  
i  
s  
:  
P  
B



HISTO:

TR CLAIMS 1989 SOILS

RUN ON 90:09:23 AT 15:25:20

File: tr-soils.ut#

Field name: CU

LOG = 1 REPVAL = .00100

227 SAMPLES WITH CU

MINIMUM: 15.0000

MAXIMUM: 102.000

227 VALUES PLOTTED:

0 NOT IN RANGE 15.0000 to 102.000

GEOMETRIC MEAN:

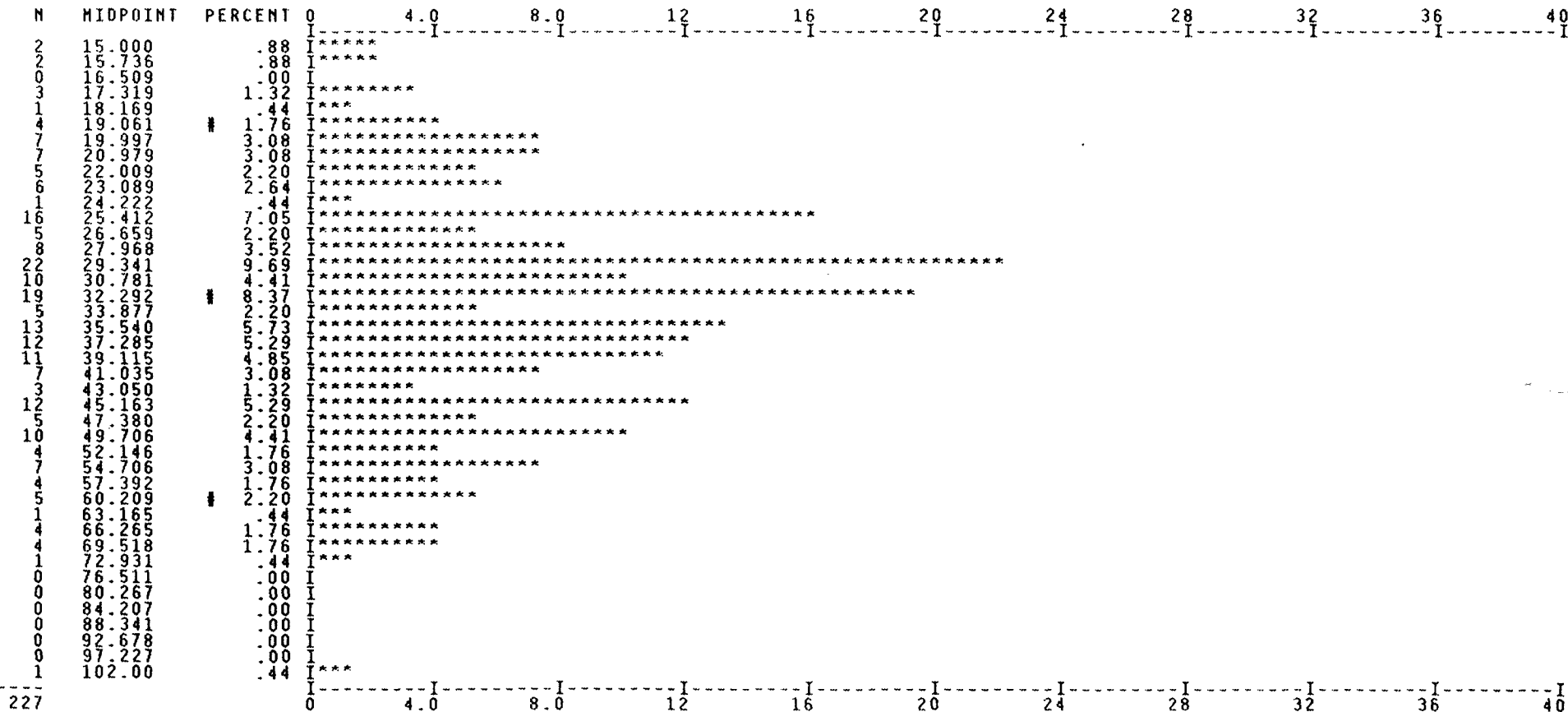
33.9830

DISPERSION: 23.8053

48.5120

SCALE OF HISTOGRAM IS

.40 COUNTS /PRINT POSITION # = 5,50,95%



HISTO:

TR CLAIMS 1989 SOILS

RUN ON 90:09:23 AT 15:25:20

File: tr-soils.utm

Field name: ZN LOG = 1 REPVAL = .00100

227 SAMPLES WITH ZN

MINIMUM: 42.0000 MAXIMUM: 211.000

227 VALUES PLOTTED:

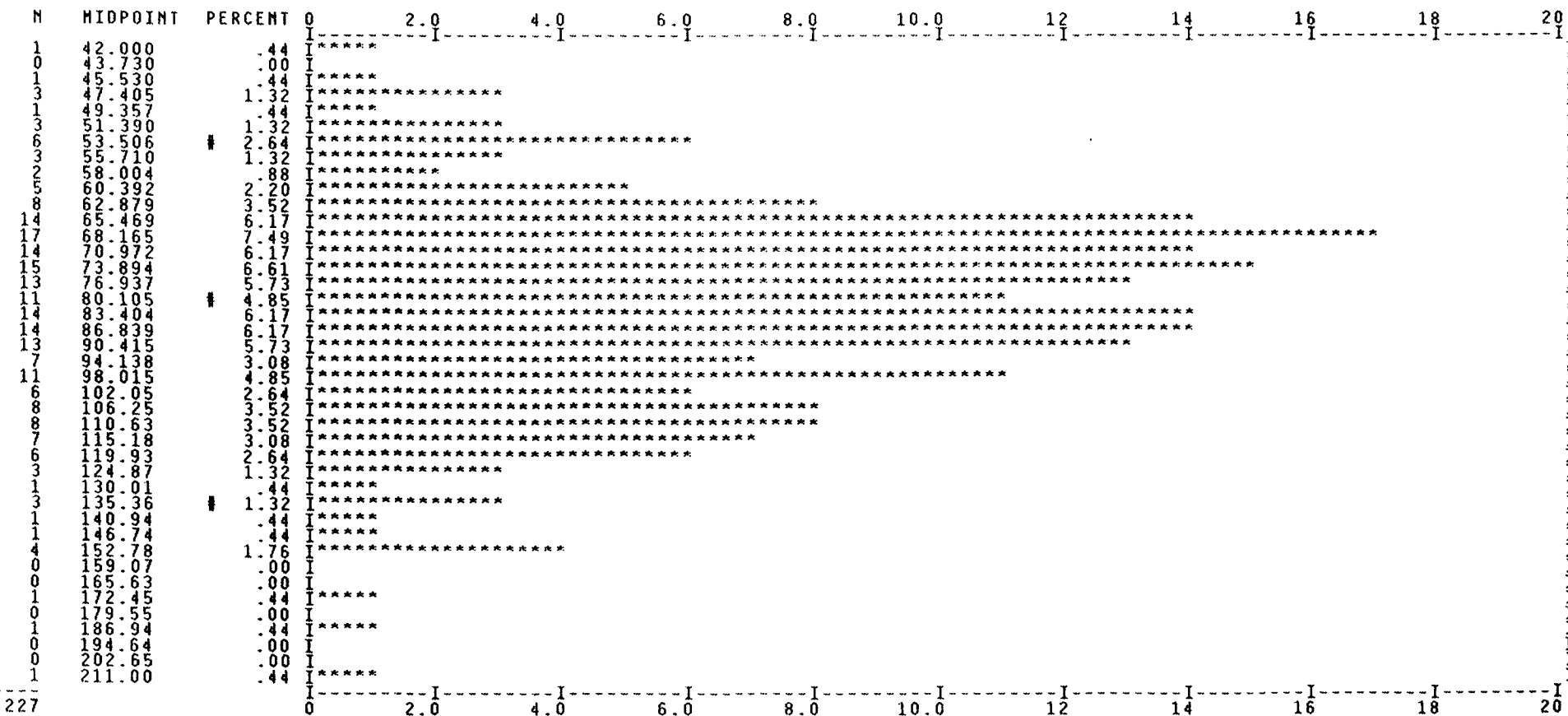
0 NOT IN RANGE 42.0000 to 211.000

GEOMETRIC MEAN:

82.4087 DISPERSION: 62.6410 108.415

SCALE OF HISTOGRAM IS

.20 COUNTS /PRINT POSITION # = 5,50,95%



HISTO:

TR CLAIMS 1989 SOILS

RUN ON 90:09:23 AT 15:25:20

File: tr-soils.ut#

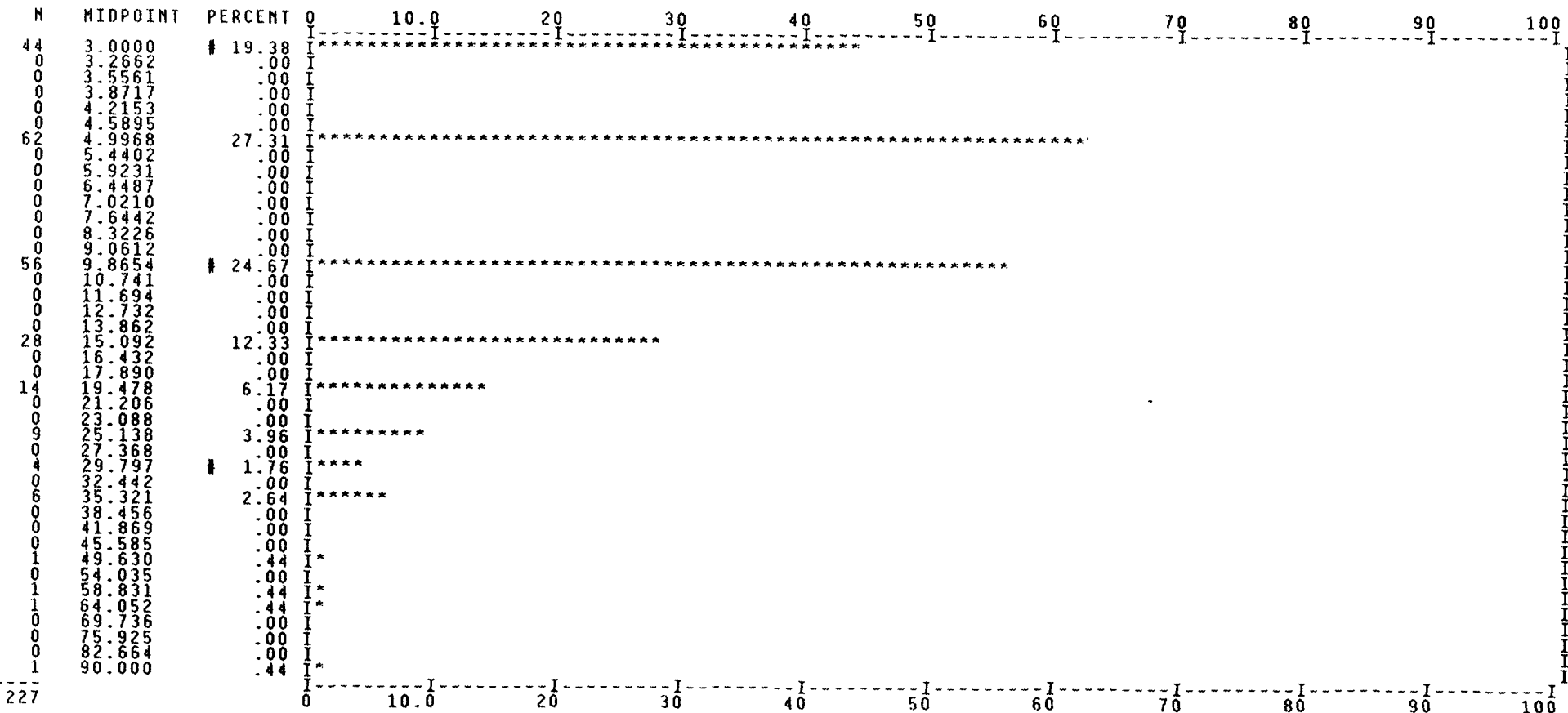
Field name: AU LOG = 1 REPVAL = .00100

227 SAMPLES WITH AU MINIMUM: 3.00000 MAXIMUM: 90.0000

227 VALUES PLOTTED: 0 NOT IN RANGE 3.00000 to 90.0000

GEOMETRIC MEAN: 8.12032 DISPERSION: 3.79262 17.3863

SCALE OF HISTOGRAM IS 1.00 COUNTS /PRINT POSITION # = 5,50,95%





HISTO:

TR CLAIMS 1989 SOILS

RUN ON 90:09:23 AT 15:25:20

File: tr-soils.utm

Field name: AS

LOG = 1 REPVAL = .00100

227 SAMPLES WITH AS

MINIMUM: 3.00000

MAXIMUM: 70.0000

227 VALUES PLOTTED:

0 NOT IN RANGE 3.00000 to 70.0000

GEOMETRIC MEAN:

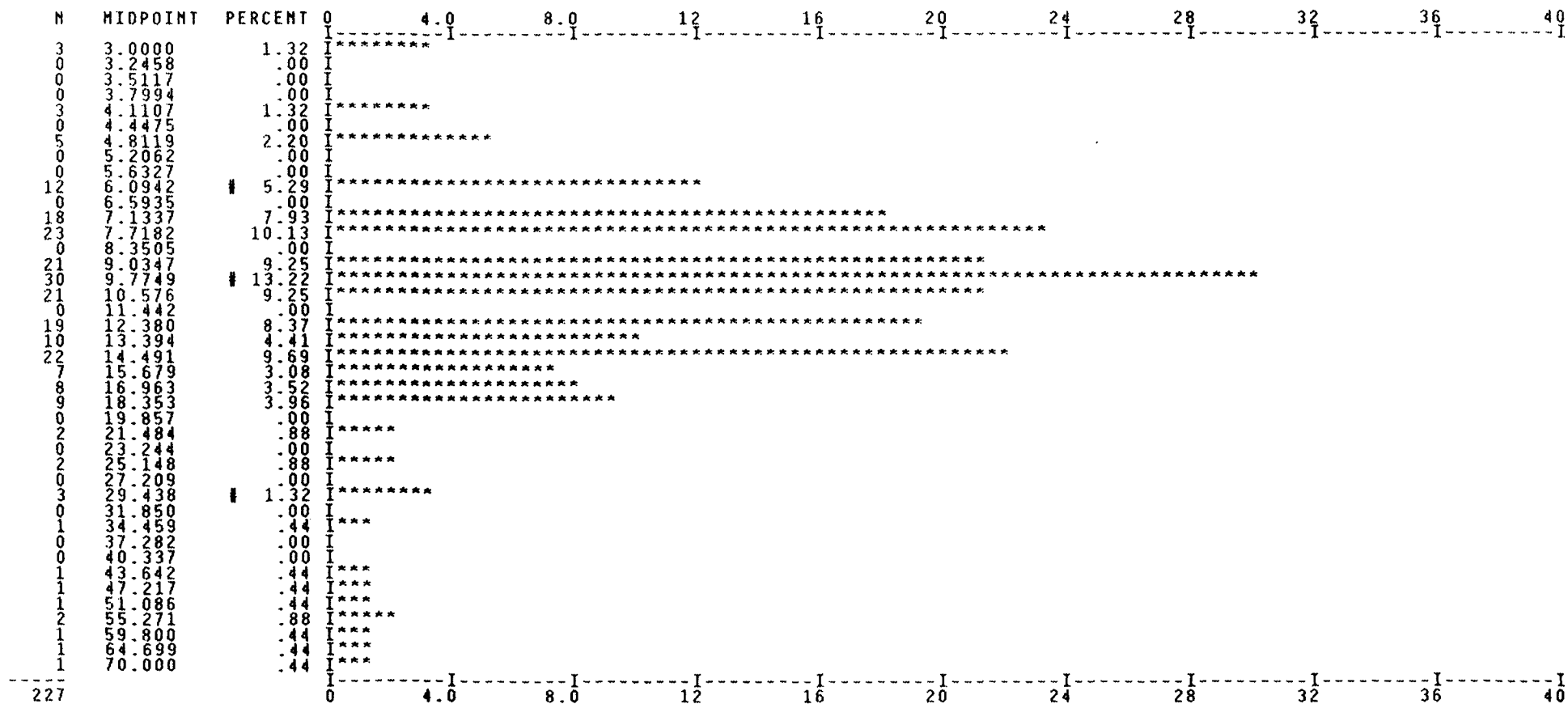
10.9666

DISPERSION: 6.63009

18.1395

SCALE OF HISTOGRAM IS

.40 COUNTS /PRINT POSITION # = 5,50,95%



CORMAT: RUN ON 90:09:23 AT 15:25:20

Data from file: tr-soils.utm

TR CLAIMS 1989 SOILS

Correlation matrix for 227 records with 6 variables

LOG:	AU 1	AG 1	CU 1	PB 1	ZN 1	AS 1
AU	1.000	-.077	-.031	-.011	-.135	-.038
AG	-.077	1.000	.077	-.018	-.030	-.003
CU	-.031	-.077	1.000	-.303	-.021	-.409
PB	-.011	-.018	-.303	1.000	-.099	-.052
ZN	-.135	-.030	-.021	-.099	1.000	-.150
AS	.038	-.003	-.409	.052	-.150	1.000

Number of data pairs contributing to correlation

	AU	AG	CU	PB	ZN	AS
AU	227	227	227	227	227	227
AG	227	227	227	227	227	227
CU	227	227	227	227	227	227
PB	227	227	227	227	227	227
ZN	227	227	227	227	227	227
AS	227	227	227	227	227	227

HISTO:

TR CLAIMS 1989 SOILS

RUN ON 90:09:23 AT 15:25:20

File: tr-soils.utm

Field name: PB

LOG = 0 REPVAL = .00100

227 SAMPLES WITH PB

MINIMUM: 1.00000

MAXIMUM: 17.0000

227 VALUES PLOTTED:

0 NOT IN RANGE 1.00000 to 17.0000

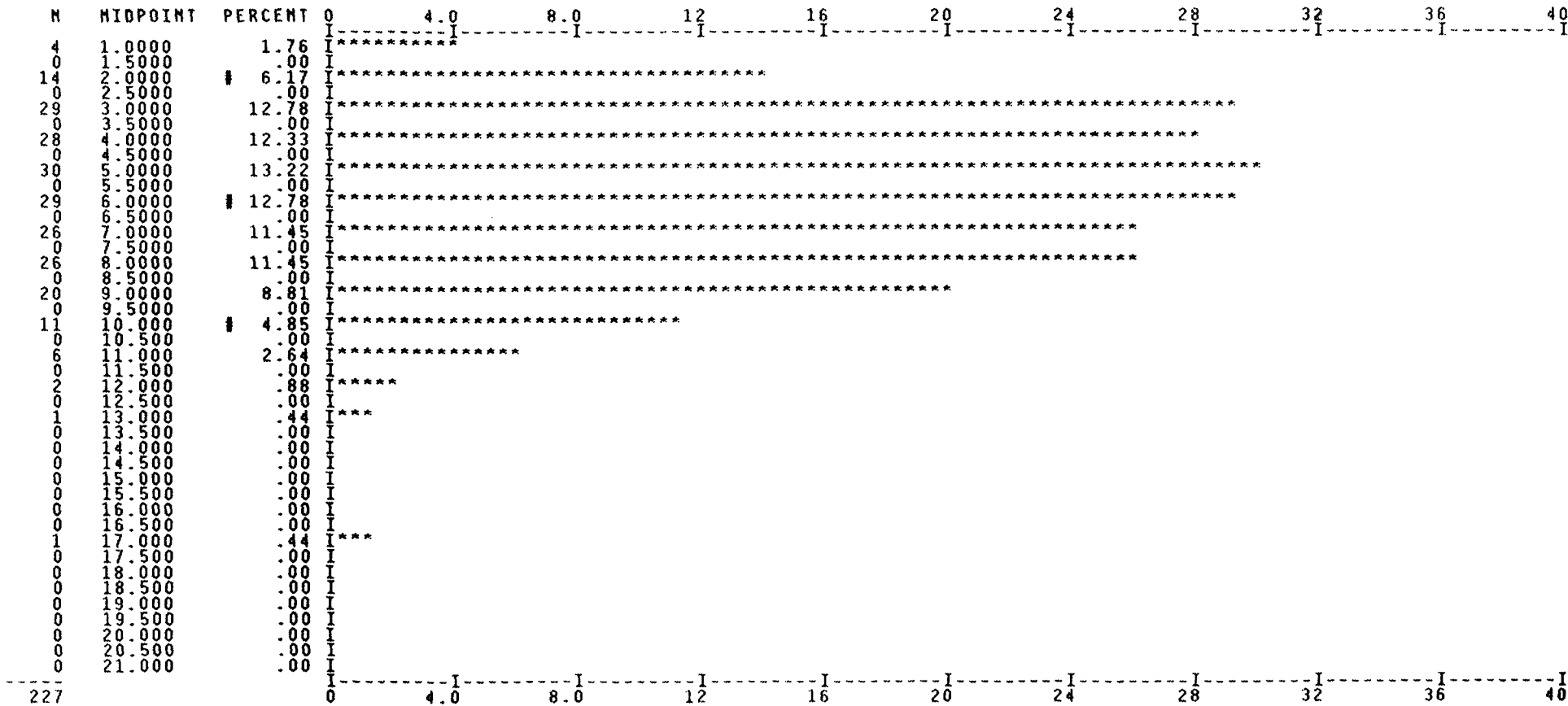
MEAN:

5.96916

STD. DEV.: 2.66474

SCALE OF HISTOGRAM IS

.40 COUNTS /PRINT POSITION # = 5,50,95%



HISTO:

TR CLAIMS 1989 SOILS

RUN ON 90:09:23 AT 15:25:20

File: tr-soils.utm

Field name: AG

LOG = 0 REPVAL = .00100

227 SAMPLES WITH AG

MINIMUM: .500000E-01

MAXIMUM: .300000

227 VALUES PLOTTED:

0 NOT IN RANGE .500000E-01 to .300000

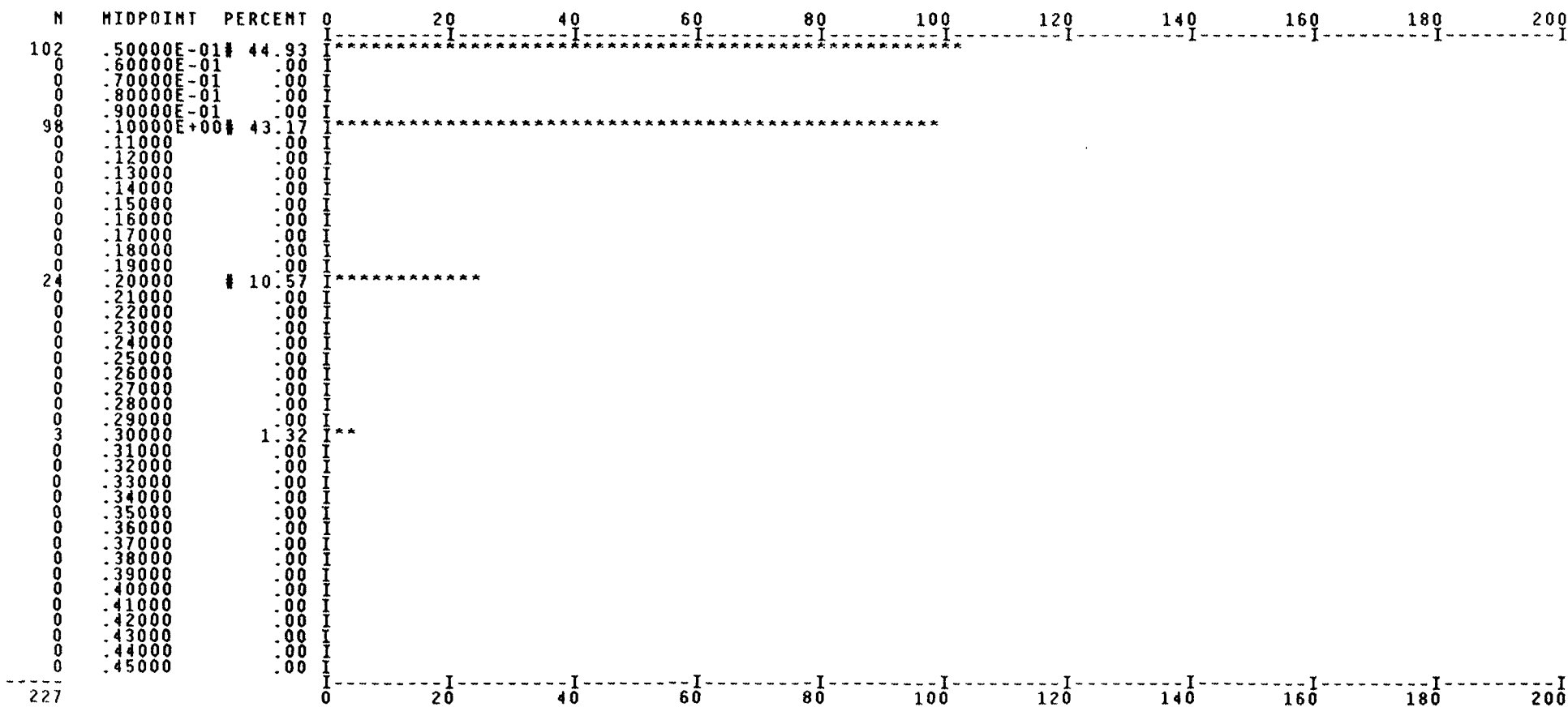
MEAN:

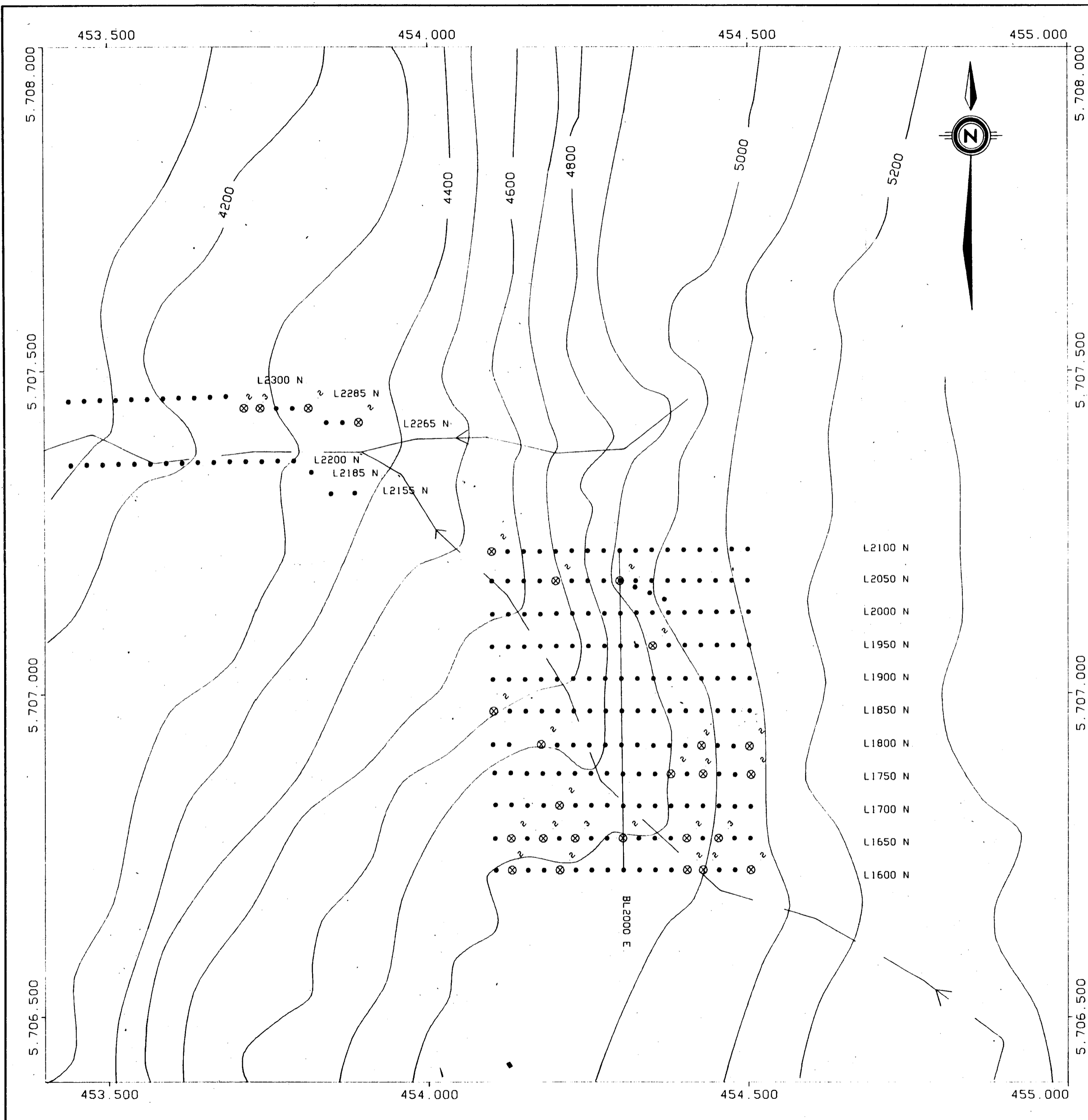
.907490E-01

STD. DEV.: .513350E-01

SCALE OF HISTOGRAM IS

2.00 COUNTS /PRINT POSITION # = 5,50,95%





TASEKO PROJECT  
TR-GRID 1989  
SILVER SYMBOL PLOT

LEGEND

1989 SILVER VALUES

- SILVER VALUES < 0.2 PPM.
  - ⊗ SILVER VALUES = OR > 0.2 PPM.
- ASSAY VALUES POSTED FOR SAMPLES > 0.2 PPM.

- 5000 CONTOURS (100 Ft intervals)
- STREAMS
- SWAMPS

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

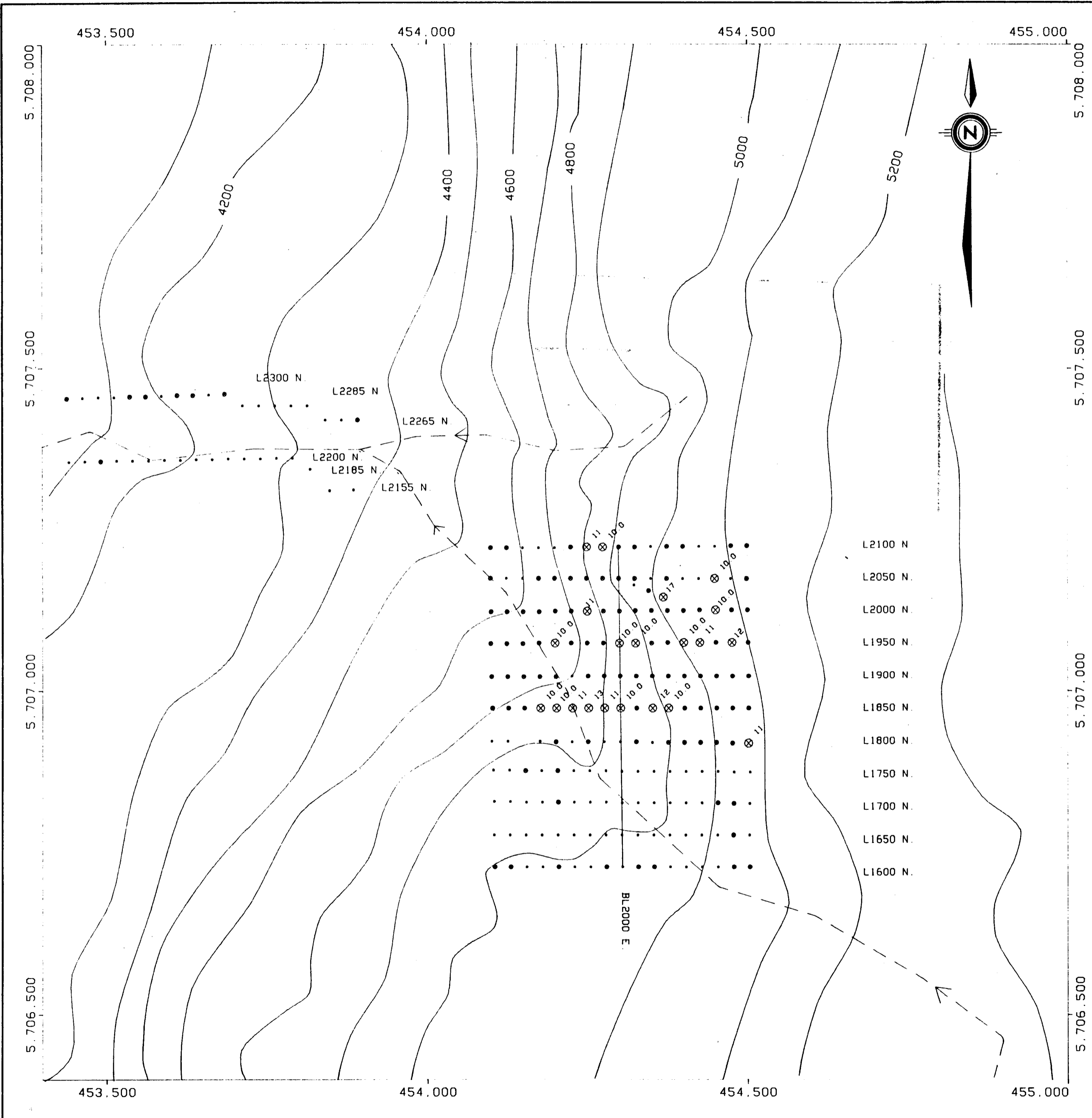
20,356

DATA PLOTTED ON THIS MAP:  
SEE PLTEG

	FIELD	FILE
POINTS:	AG	TR-SOILS.UTM
POINTS:	AG	TR-SOILS.UTM



DRAWN NEM		PLACER DOME INC.	
DATE 22/ 3/90		TASEKO PROJECT	
SCALE 1:5000		TR-GRID 1989	
PLATE VI		SILVER SYMBOL PLOT	
		NO	PLATE VI

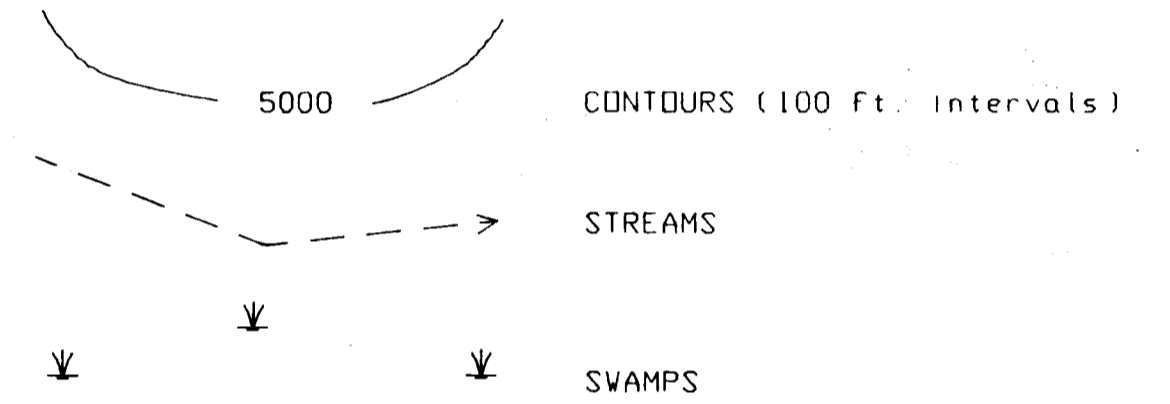


TASEKO PROJECT  
 TR-GRID 1989  
 LEAD SYMBOL PLOT

LEGEND

1989 LEAD VALUES,

- LEAD VALUES < 6 PPM.
  - LEAD VALUES 6 - 10 PPM.
  - ⊗ LEAD VALUES > 10 PPM.
- ASSAY VALUES POSTED FOR SAMPLES > 10 PPM.



**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**20,356**

DATA PLOTTED ON THIS MAP:  
 SEE PLTLEG

	FIELD	FILE
POINTS:	PB	TR-SOILS.UTM
POINTS:	PB	TR-SOILS.UTM



DRAWN NEM		PLACER DOME INC.	
DATE 23/ 3/90		TASEKO PROJECT	
SCALE 1:5000		TR-GRID 1989	
PLATE V		LEAD SYMBOL PLOT	
NO.			PLATE V

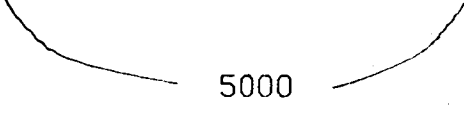


TASEKO PROJECT  
TR-GRID 1989  
ARSENIC SYMBOL PLOT

LEGEND

1989 ARSENIC VALUES

- ARSENIC VALUES < 10 PPM.
- ARSENIC VALUES 10 - 14 PPM.
- ⊗ ARSENIC VALUES 15 - 20 PPM.
- ⊗ ARSENIC VALUES > 20 PPM.

ASSAY VALUES POSTED FOR SAMPLES > 20 PPM.

-  5000 CONTOURS (100 Ft. Intervals)
-  STREAMS
-  SWAMPS

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

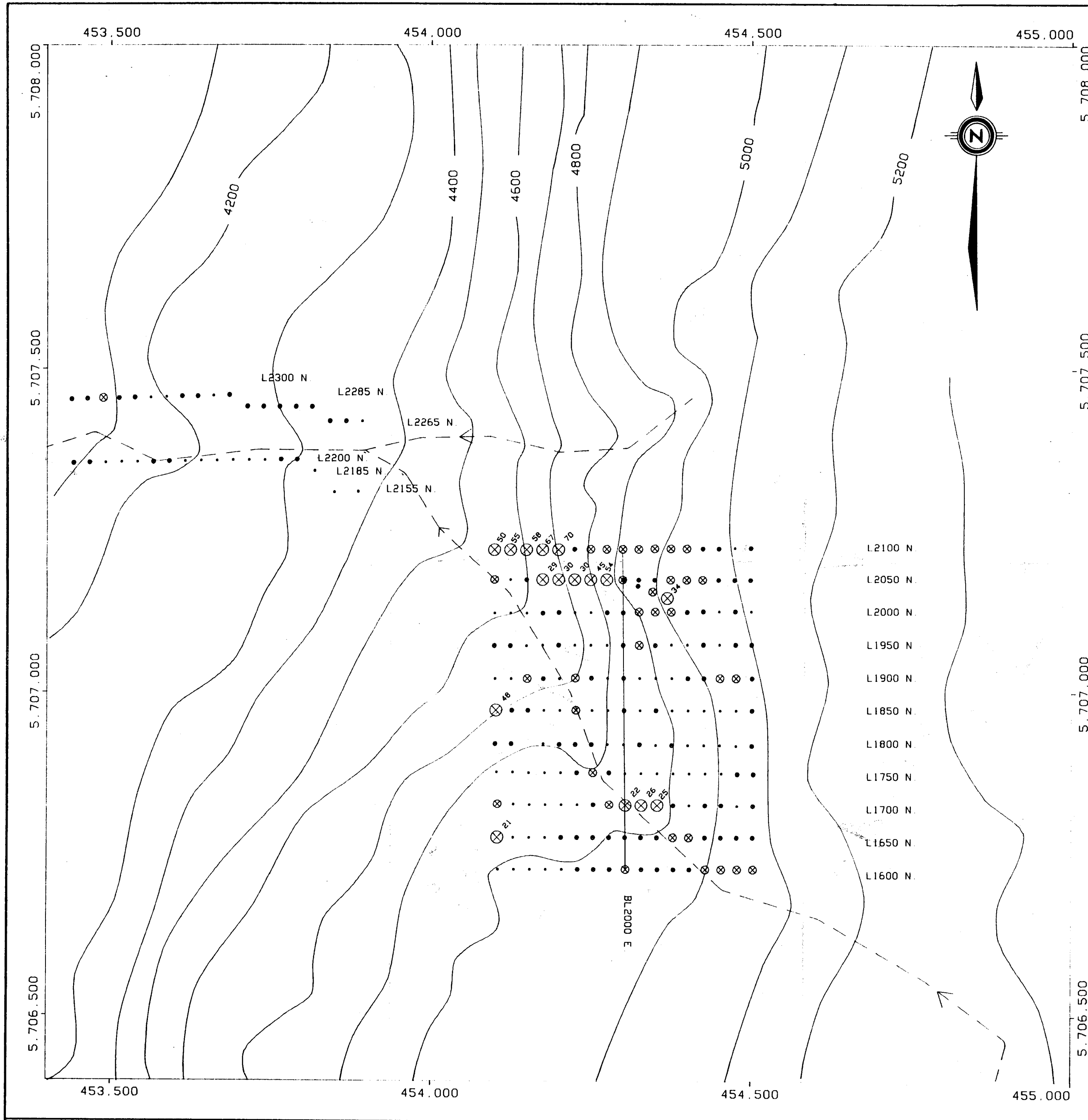
**20,356**

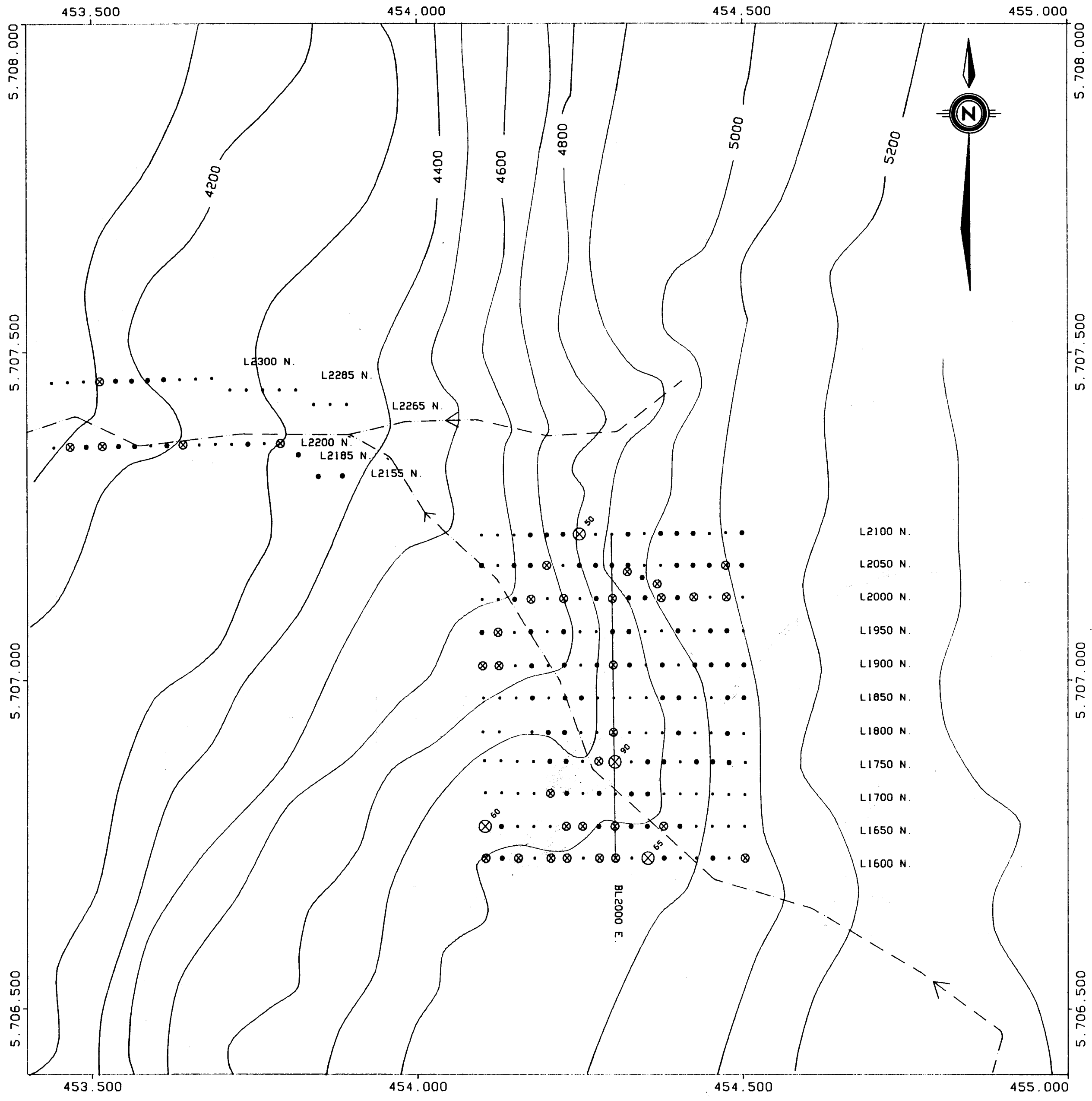
DATA PLOTTED ON THIS MAP:  
SEE PLTLEG

	FIELD	FILE
POINTS:	AS	TR-SOILS.UTM
POINTS:	AS	TR-SOILS.UTM



DRAWN NEM		PLACER DOME INC.	
DATE 23/ 3/90		TASEKO PROJECT	
SCALE 1:5000		TR-GRID 1989	
PLATE IV	NO.	ARSENIC SYMBOL PLOT	
		PLATE IX	

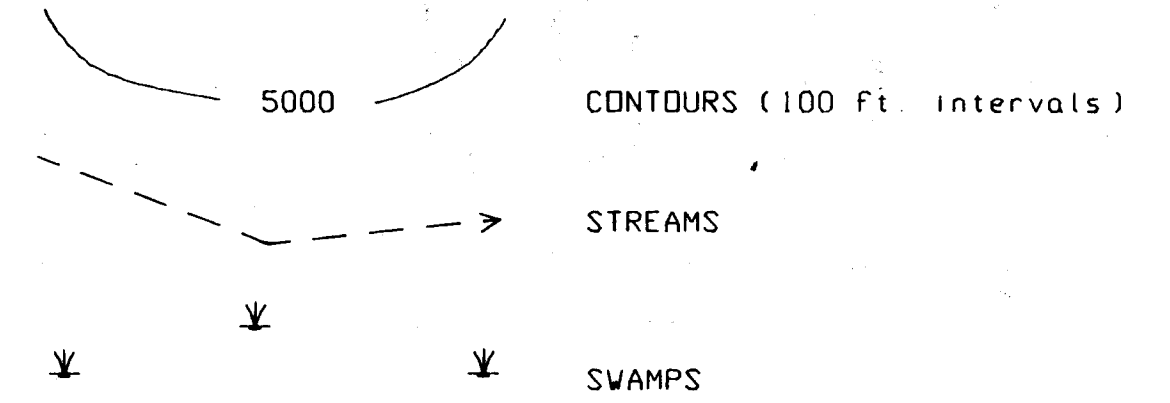




TASEKO PROJECT  
TR-GRID 1989  
GOLD SYMBOL PLOT

LEGEND

- 1989 GOLD VALUES
- GOLD VALUES < 6 PPB.
  - GOLD VALUES 6 - 20 PPB.
  - ⊙ GOLD VALUES 21 - 50 PPB.
  - ⊗ GOLD VALUES 51 - 100 PPB.
  - ⊗ GOLD VALUES > 100 PPB.
- ASSAY VALUES POSTED FOR SAMPLES > 50 PPB.



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**20,356**

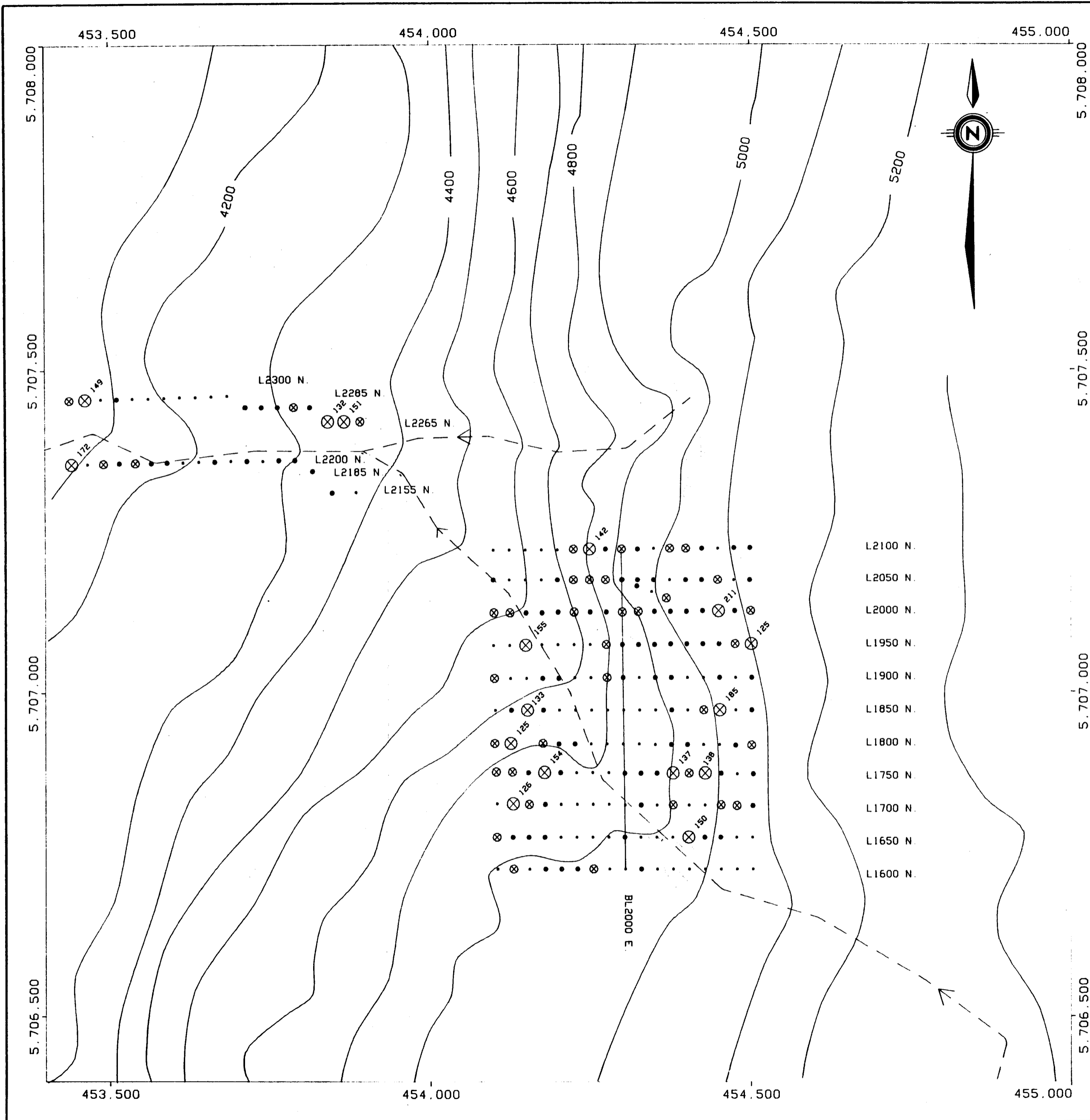
DATA PLOTTED ON THIS MAP:  
SEE PLTLEG

	FIELD	FILE
POINTS:	AU	TR-SOILS.UTM
POINTS:	AU	TR-SOILS.UTM



DRAWN NEM		PLACER DOME INC.	
DATE 22/ 3/90		TASEKO PROJECT	
SCALE 1:5000		TR-GRID 1989	
PLATE III		GOLD SYMBOL PLOT	
	NO		PLATE III

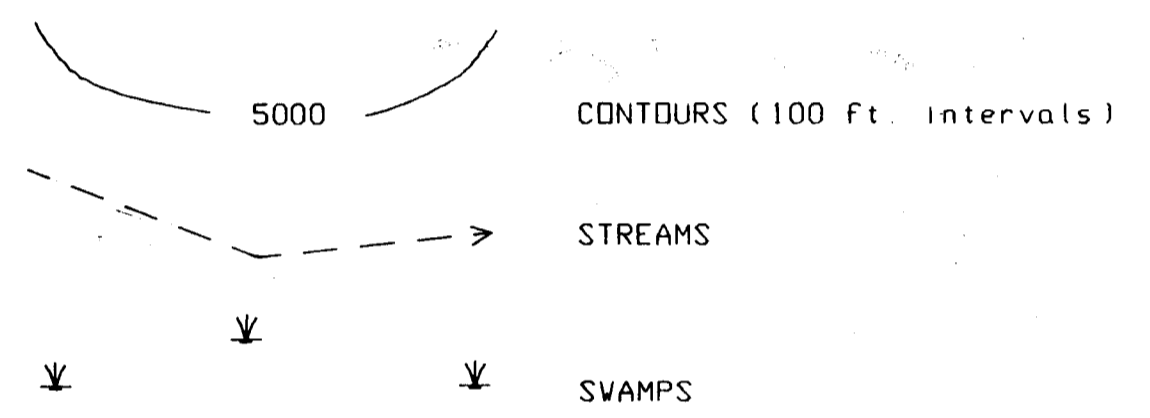




TASEKO PROJECT  
TR-GRID 1989  
ZINC SYMBOL PLOT

LEGEND

- 1989 ZINC VALUES
- ZINC VALUES < 75 PPM.
  - ZINC VALUES 75 - 99 PPM.
  - ⊗ ZINC VALUES 100 - 125 PPM.
  - ⊗ ZINC VALUES > 125 PPM.
- ASSAY VALUES POSTED FOR SAMPLES > 125 PPM.



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

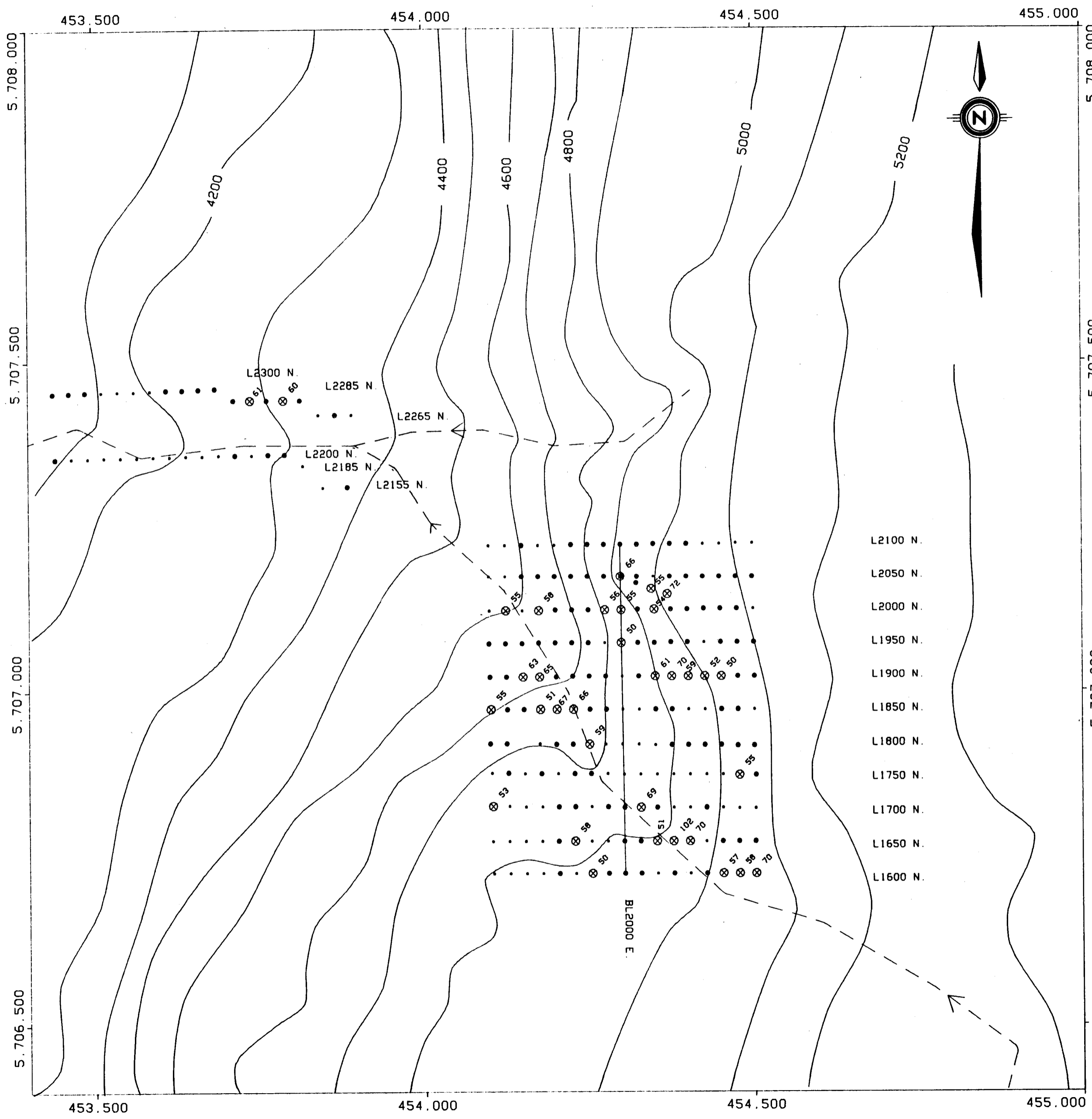
**20,356**

DATA PLOTTED ON THIS MAP:  
SEE PLTLEG

	FIELD	FILE
POINTS:	ZN	TR-SOILS.UTM
POINTS:	ZN	TR-SOILS.UTM



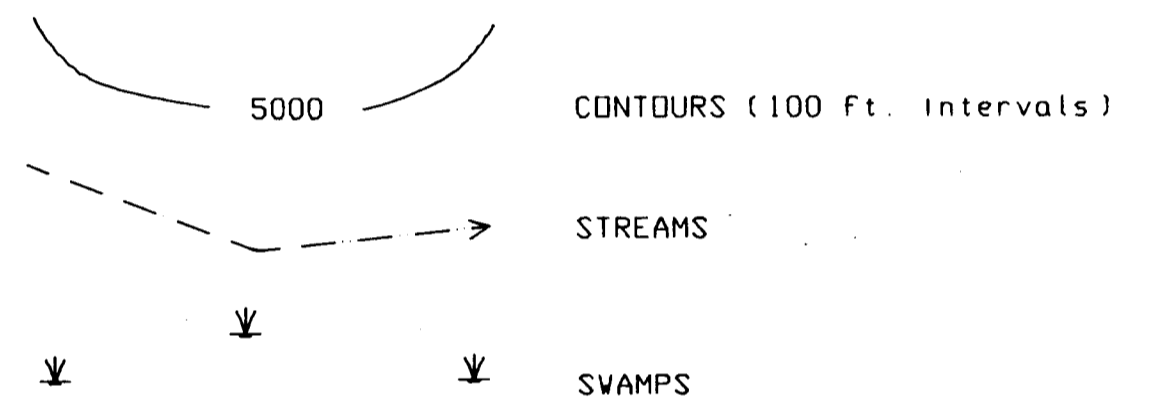
DRAWN NEM		PLACER DOME INC.	
DATE 23/ 3/90		TASEKO PROJECT	
SCALE 1:5000		TR-GRID 1989	
PLATE II		ZINC SYMBOL PLOT	
NO.		PLATE II	



TASEKO PROJECT  
TR-GRID 1989  
COPPER SYMBOL PLOT

LEGEND

- 1989 COPPER VALUES
- COPPER VALUES < 30 PPM.
  - COPPER VALUES 30 - 50 PPM.
  - ⊗ COPPER VALUES > 50 PPM.
- ASSAY VALUES POSTED FOR SAMPLES > 50 PPM.



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**20,356**

DATA PLOTTED ON THIS MAP:  
SEE PLTLEG

	FIELD	FILE
POINTS:	CU	TR-SOILS.UTM
POINTS:	CU	TR-SOILS.UTM



DRAWN		NEM		PLACER DOME INC.	
DATE 22/ 3/90				TASEKO PROJECT	
SCALE 1:5000				TR-GRID 1989	
PLATE I		NO.		COPPER SYMBOL PLOT	
				PLATE I	