

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	1
2.0 LOCATION, ACCESS AND TERRAIN	1
3.0 CLAIM STATUS	1
4.0 PROPERTY HISTORY	2
5.0 GEOLOGY	
5.1 Regional Geology	2-3
5.2 Property Geology	3-4
6.0 1987 EXPLORATION PROGRAM	4
7.0 GEOCHEMISTRY	4-5
7.1 Soil Sampling Results	5
7.1.1 Gold	5
7.1.2 Silver	6
7.1.3 Mercury	6
7.1.4 Arsenic	6
8.0 GEOPHYSICS	6-7
8.1 Equipment Used	7
8.2 Survey Results	7-8
8.3 Discussion of Results	8
8.3.1 Southeast Grid	8
8.3.1.1 VLF Survey	8
8.3.1.2 Magnetic Survey	8
8.3.2 Northwest Grid	8
8.3.2.1 VLF Survey	8
8.3.2.2 Magnetic Survey	8
8.3.3 Northeast Grid	8
8.3.3.1 VLF Survey	8
8.3.3.2 Magnetic Survey	8
9.0 ROCK SAMPLE RESULTS	9
10.0 DISCUSSION OF PREVIOUS WORK	9
11.0 CONCLUSIONS	10
12.0 RECOMMENDATIONS	11

APPENDICES

Appendix I	Cost Statement
Appendix II	Assay Results for Rock Samples
Appendix III	Analysis Methods
Appendix IV	Statements of Qualifications

LIST OF MAPS

<u>Figure</u>		<u>Location</u>	
1.	Location Map	1a	
2.	Claims Maps	1b	
3.	Index to 1987 Exploration Grids	4a	
4-1	Geology - Southeast Grid	In Pocket	
4-2	Geology - Northwest Grid	" "	
4-3	Geology - Northeast Grid	" "	
5-1	Geochem Results - Au - Southeast Grid	In Pocket	
5-2	" " - Ag - " "	" "	
5-3	" " - As - " "	" "	
5-4	" " - Hg - " "	" "	
6-1	Geochem Results - Au - Northwest Grid	In Pocket	
6-2	" " - Ag - " "	" "	
6-3	" " - As - " "	" "	
6-4	" " - Hg - " "	" "	
7-1	Geochem Results - Au - Northeast Grid	In Pocket	
7-2	" " - Ag - " "	" "	
7-3	" " - As - " "	" "	
7-4	" " - Hg - " "	" "	
8-1	Geochem Results - Au - North Grid	5a	
8-2	" " - Ag - " "	5b	
8-3	" " - As - " "	5c	
8-4	" " - Hg - " "	5d	
9-1	Detailed Geochem - Au - Northeast Grid	5e	
9-2	" " - Ag - " "	5f	
9-3	" " - As - " "	5g	
10-1	Precisely S.E. Grid, 1987 Magnetic Data Profiles		1:5000
10-2	Precisely S.E. Grid, 1987 VLF Fraser Filter Profiles		1:5000
10-3	Precisely Project, Posted VLF IP Data (S.E. Grid)		1:5000
10-4	Precisely Project, Posted VLF QD Data (S.E. Grid)		1:5000
10-5	Precisely Project, Posted Magnetic Data (S.E. Grid)		1:5000
11-1	Precisely N.W. Grid, 1987 Magnetic Data Profiles		1:5000
11-2	Precisely N.W. Grid, 1987 VLF Fraser Filter Profiles		1:5000
11-3	Precisely Project, Posted VLF IP Data (N.W. Grid)		1:5000
11-4	Precisely Project, Posted VLF QD Data (N.W. Grid)		1:5000
11-5	Precisely Project, Posted Magnetic Data (N.W. Grid)		1:5000
12-1	Precisely N.E. Grid, 1987 Magnetic Data Profiles		1:5000
12-2	Precisely N.E. Grid, 1987 VLF Fraser Filter Profiles		1:5000
12-3	Precisely Project, Posted VLF IP Data (N.E. Grid)		1:5000
12-4	Precisely Project, Posted VLF QD Data (N.E. Grid)		1:5000
12-5	Precisely Project, Posted Magnetic Data (N.E. Grid)		1:5000

1.0 INTRODUCTION

The Precisely claim group consists of 150 units located 62 kms northwest of Kamloops, B.C. The claims cover volcanic and minor sedimentary rocks of the Triassic Nicola Group and have been intruded by diorite and granodiorite of unknown age. Extensive work during the period 1984 through 1986 had found uneconomic gold values in silicified and brecciated argillites and in quartz veins and alteration envelopes in granodiorite.

The exploration program in 1987 was directed to other sectors of the Precisely property in an effort to detect new areas of mineralization. Three grids, totalling 90 kms, were established and used as control for geological mapping, soil sampling, VLF-EM and magnetometer surveys.

2.0 LOCATION, ACCESS AND TERRAIN

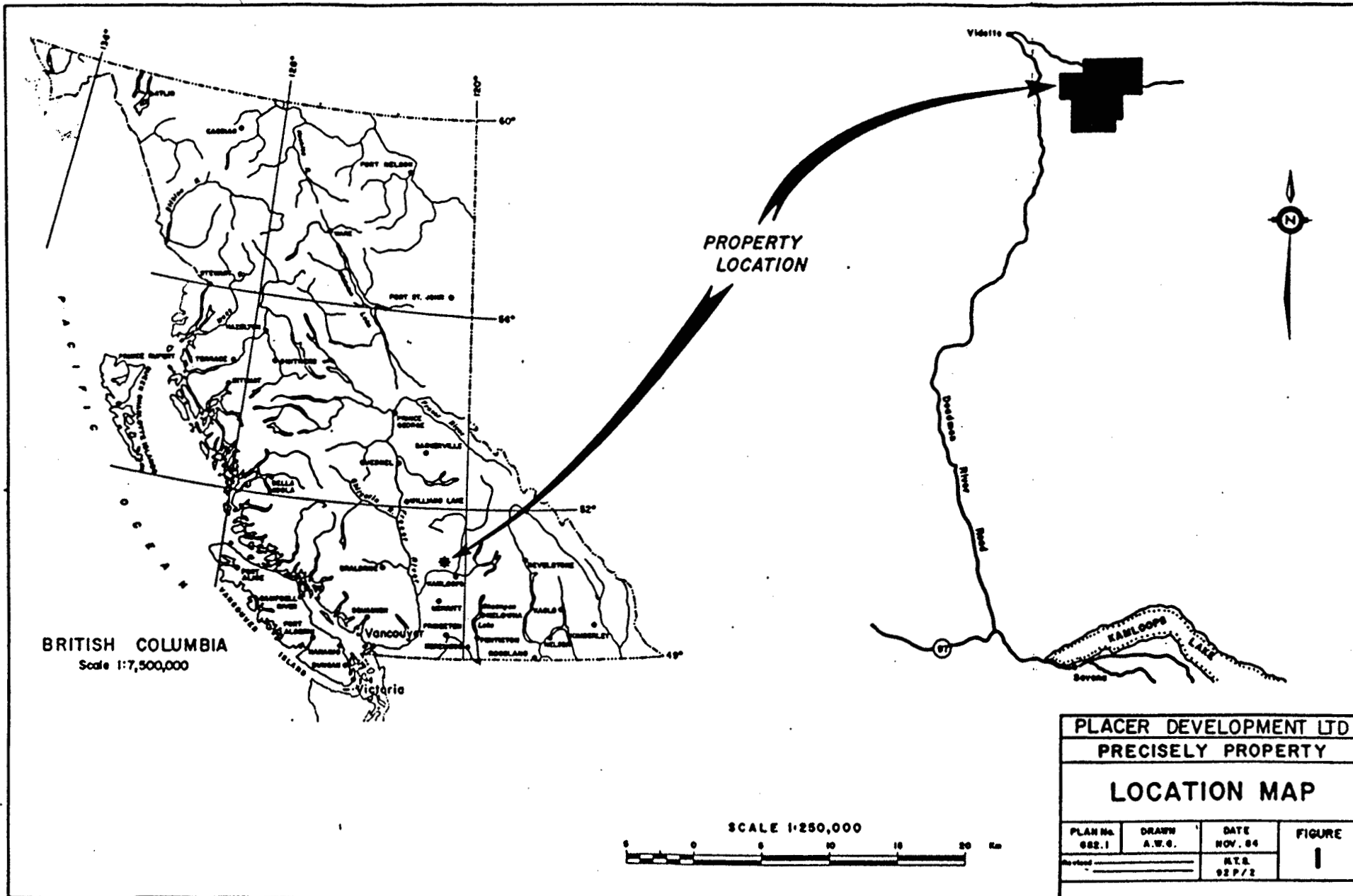
The Precisely property is located approximately 62 kms northwest of Kamloops, B.C., and 7 kms southeast of Vidette Lake. Access is via the all weather Deadman River road which leaves the Trans-Canada Highway at a point 5 kms west of the Thompson River bridge at Savona, B.C. The Deadman River road crosses the northwest corner of the Precisely property. Local ranch roads provide access to most parts of the claim group.

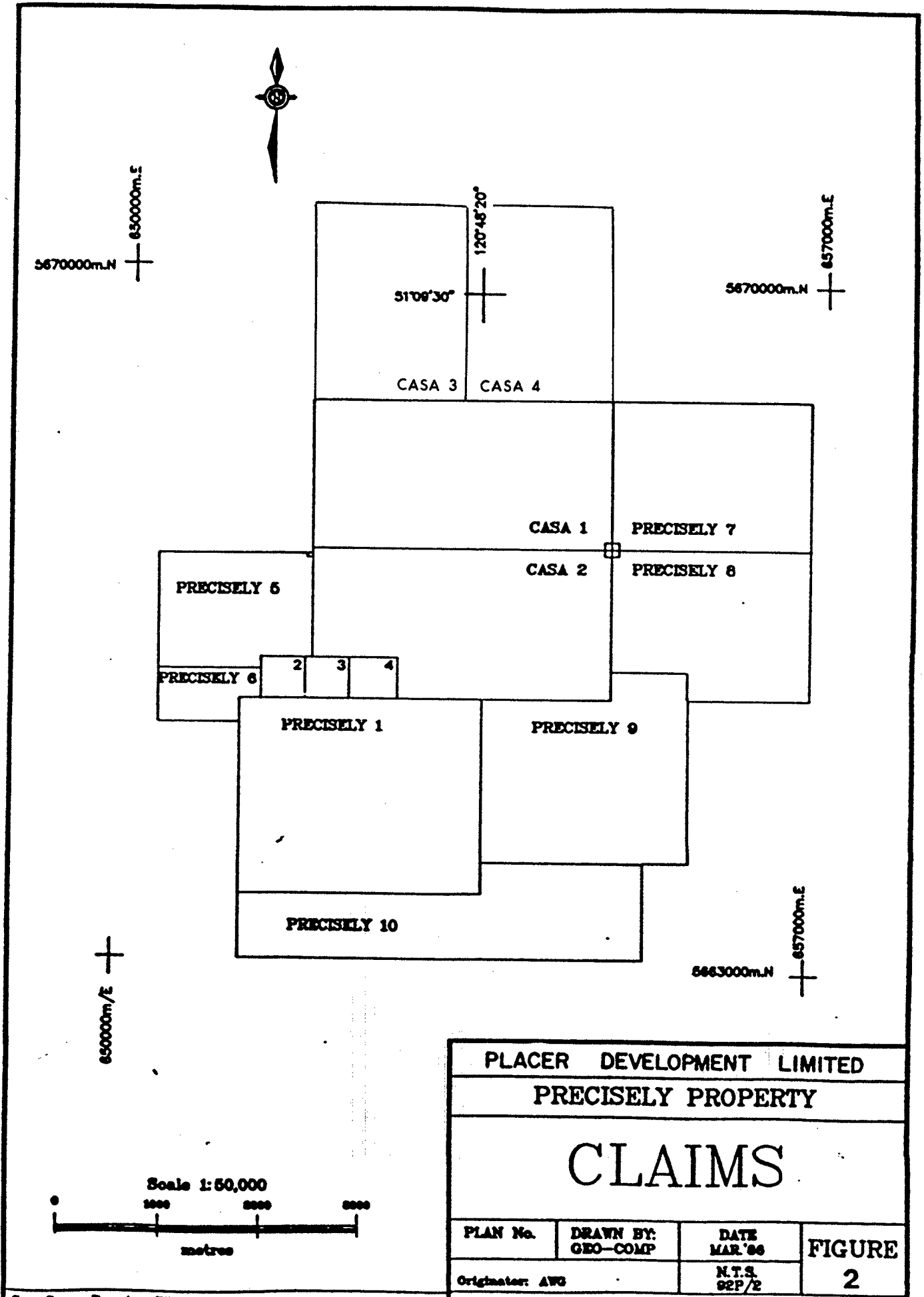
The property is situated near the south end of the Fraser Plateau at an elevation of about 1100 meters. Topographic range on the property is approximately 150 meters. Much of the claim group is gently rolling with low ridges and knolls interspersed with gullies, swampy pothole lakes and sloughs. The general trend to this topography is 160°.

Large sections of the property are covered with open poplar forest and patches of lodgepole pine and spruce. Large firs are scattered about on the higher hills.

3.0 CLAIM STATUS

The Precisely claim group consists of 150 units in 14 claims. Precisely 1-6 and Casa 1 & 2 are owned by Michael Dickens, prospector, of Savona, B.C. The Precisely 7-10 and Casa 3 & 4 are registered to MineQuest Exploration Associates Ltd. The group was optioned to Inter-Pacific Resource Corporation in 1984 and re-optioned to Placer Development Ltd. in 1986.





PLACER DEVELOPMENT LIMITED			
PRECISELY PROPERTY			
<h1>CLAIMS</h1>			
PLAN No.	DRAWN BY: GEO-COMP	DATE MAR '86	FIGURE 2
Originator: AWG		N.T.S. 92P/2	

<u>Claim Name</u>		<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
Precisely	1	20	1485	August 2, 1994
	2	1	1486	" " "
	3	1	1487	" " "
	4	1	1488	" " "
	5	9	1776	July 31, 1994
	6	2	1779	" " "
	7	12	1824	Sept. 21, 1991
	8	12	1825	" " "
	9	16	1826	" " "
	10	16	1826	" " "
Casa	1	18	1540	Sept. 15, 1991
	2	18	1541	Sept. 15, 1992
	3	12	2095	October 16, 1991
	4	12	2096	" " "

4.0 PROPERTY HISTORY

Initial interest in the area is believed to have occurred during the 1930's when the Vidette Gold Mine, located 7 kms to the northwest, was discovered and put into production. The Vidette produced 55000 tons of ore grading 0.55 oz Au and 0.86 oz. Ag per ton during the period 1933 to 1940. Several old trenches on the Precisely property are believed to date from that era.

In 1984 prospector Michael Dickens found gold in a quartz stockworks and staked the key block of the Precisely group. The property was optioned to Inter-Pacific Resource Corporation. In 1984 and 1985 MineQuest Exploration Associates Ltd. carried out an extensive program of mapping, soil sampling, rock chip sampling, geophysics and drilling for Inter-Pacific Resource Corp. Placer Development Ltd. continued work in 1986 with Induced Polarization surveys and diamond drilling.

During this 1984-1986 phase, work became concentrated on three zones referred to as the Depression, Lake and Bridge zones. The first two are quartz-calcite stockworks in brecciated argillite while the Bridge zone is composed of quartz veins with pyrite and arsenopyrite in granodiorite.

5.0 GEOLOGY

5.1 Regional Geology

The Precisely property is located on a window in the Miocene basalts which form the extensive plateau covering large areas of the southern central interior of British Columbia. The olivine basalts found locally essentially

form the western and southern boundaries of the claims. The property is underlain by the Triassic Nicola Group; represented by augite andesite flows and breccia, tuff, argillite, greywacke and grey limestone.

Intrusives mapped in the general area are described as quartz monzonite and granodiorite.

5.2 Property Geology (See Figs. 4-1,2,3)

Rock exposure on the property is low overall and poorly distributed. A few areas contain fairly numerous outcrops and suboutcrops but these are separated by large areas of overburden cover. There is no indication that the overburden covered areas contain rocks different from those areas with outcrop.

The two basic rock types underlying the areas explored are tuffs and augite porphyry similar to those described in previous reports. They are interbedded and occur in roughly equal amounts. The tuffs are generally andesitic to siliceous and fine to medium grained with occasional coarser lapilli sized clasts. Coarse lithic lapilli tuffs and augite tuffs were noted occasionally.

The interbedded flows are almost all augite porphyry with considerable variation in size of the augite phenocrysts. Occasional andesite and quartz and quartz augite porphyry flows were seen. Augite porphyry agglomerate was noted in three locations. The only argillite seen was that previously mapped in the area of the southeast grid.

A small intrusion of fine to medium grained unaltered, dark hornblende diorite occurs in the northeast grid to the north of Semlin Lake. Smaller "satellite" exposures of similar material outcrop to the northeast of the main intrusion.

Clear attitudes on bedding are uncommon, but the general indicated strike on the northwest and northeast grids is northeast to east. On the southeast grid the strike is north-south. Shearing is quite widespread on the northeast grid with the development of schist in the more extreme cases. The strike is nearly always southeast with variable dips.

Alteration in the form of weak propylitization is widespread; particularly as to the development of carbonate. Chlorite is also frequently present but in minor amounts. Epidote is variable being most common in the northeast quadrant of the northeast grid. This area

is believed underlain at shallow depths by the hornblende diorite intrusion exposed north of Semlin Lake. Outcrops near and to the northeast of this intrusion tend to be very weakly silicified and have a slightly metamorphosed or "cooked" appearance.

Pyrite was the only mineralization noted. It is fairly common as disseminated grains or occasionally as blebs in amounts varying from trace to three percent. In two or three locations pyrite was noted in veinlets and as fine grained massive mineralization over a few centimeters in quantities estimated as high as 25 percent.

Very fine hairline veinlets of quartz were moderately common. White, generally barren quartz veins to 20 cms were noted in several localities on all three grids; usually being exposed in old pits or trenches. A few similar type quartz veins were found in float.

6.0 1987 EXPLORATION PROGRAM

The present program concentrated on three areas not previously examined in detail and covered much of the property remaining unexplored following the 1984-1986 programs. The new areas are referred to as the southeast, northwest and northeast extensions and are located relative to the overall claim group and to Beaver lake in the center of the earlier work. (see Fig. 3)

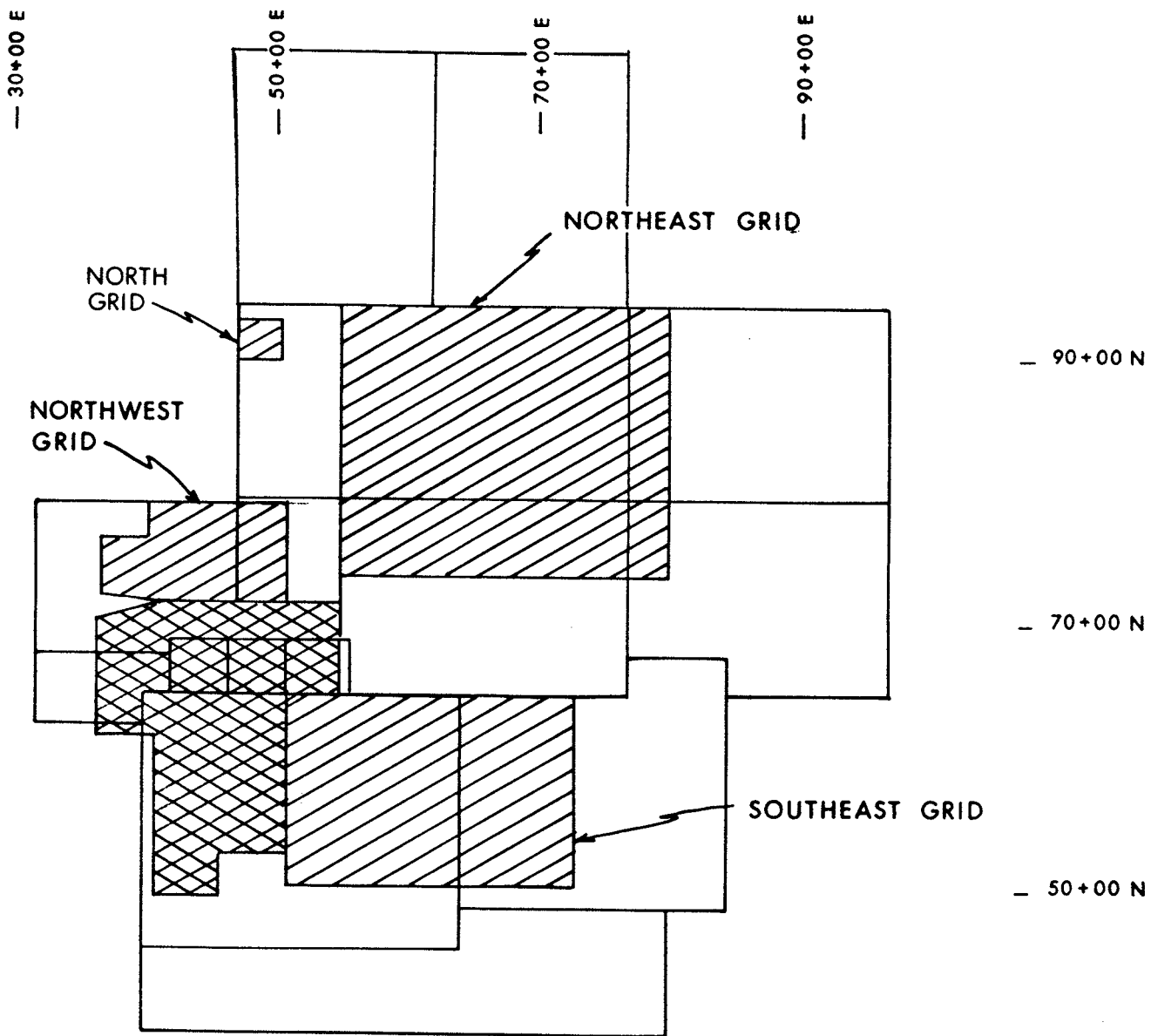
A very small grid (North) totaling 900 meters was located at the site of diorite intruding augite porphyry 90+00N to 92+00N and 47+00E to 50+00E. In addition, four widely spaced geological reconnaissance lines were run to the east across the Precisely 7 & 8 claims.

The program consisted of establishing 90 kms of flagged lines at approximately 100 meter intervals using a compass and hip chain. Stations were located at 20 meter intervals. The lines were then used for control in the mapping of outcrops, the recording of geophysical data and the collection of soil samples. Twenty-nine rock chip samples were collected from outcrop and float containing quartz and/or sulphide mineralization.

An 8 person camp was established at the site of the old camp near Beaver Lake.

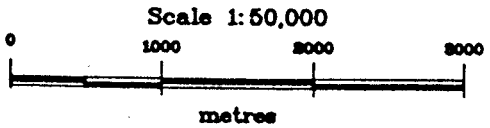
7.0 GEOCHEMISTRY

Soil samples were collected at 40 meter intervals along the grid lines with the "B" horizon as the preferred material. Notes describing the sample site and the material collected were recorded. The samples were placed in the standard kraft paper bags and shipped to the Placer Development laboratory in Vancouver where they were geochemically assayed for gold, silver, arsenic and mercury.



 1987 EXPLORATION

 1984-1986 EXPLORATION



PLACER DEVELOPMENT LIMITED			
PRECISELY PROPERTY			
1987 EXPLORATION		AREAS	
PLAN No.	DRAWN BY: B.P.	DATE Aug 87	FIGURE 3
		N.T.S. 92P/2	

Overburden on the Precisely property is widespread with some areas of the glacial till indicated to be thick. Glacial features such as drumlins, ablation till and meltwater channels are present. The maximum observed thickness of till was approximately 10 meters in a bank cut by the Deadman River but some of the surface features appear to indicate a much greater thickness. Ice direction in the area is approximately 160°.

The till material varied to some extent but appears characterized by a high sand silt content. Road cuts and check sampling indicate that there have been local impediments to drainage with the resultant development of local sand and/or silt beds. Where noted, the beds were usually less than a meter thick but there are exceptions. In conclusion, soil sampling conditions may be considered poor over much of the property.

7.1 Soil Sample Results

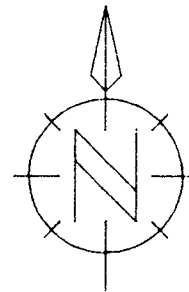
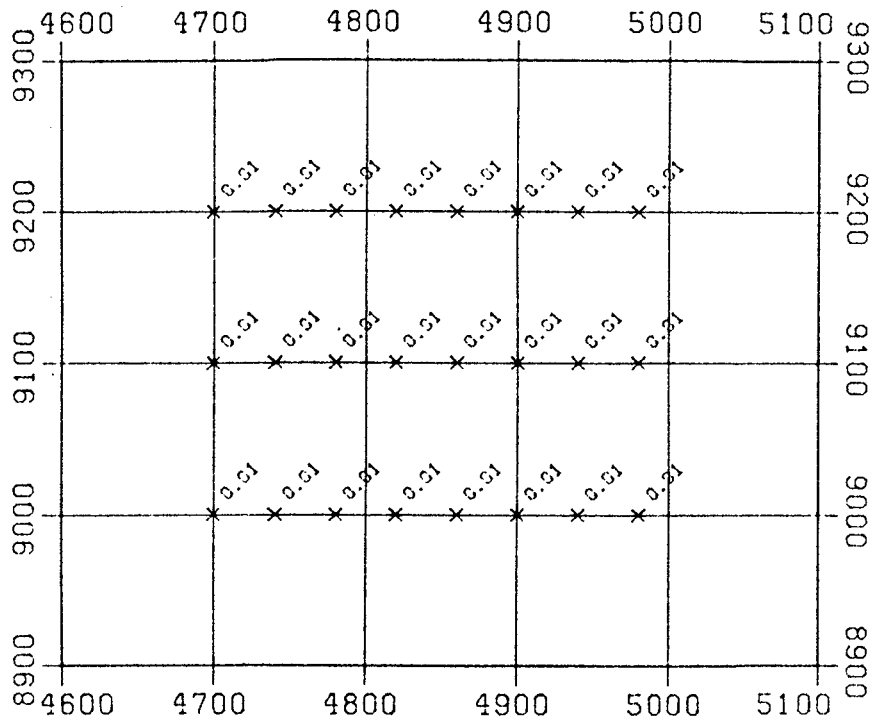
7.1.1 Gold

A very few soils contained more than 20 ppb Au. These were widely scattered and often failed to repeat in a second assay. There is no grouping of any description to suggest an underlying source or dispersion train in the till.

A single interesting assay occurred at 86+00N; 75+00E on the Northeast grid. The soil assayed an extremely high 10.6 ppm Au and repeated at 11.0 ppm. This location is on an open, rounded ridge top with a thin soil layer covering andesitic bedrock. The andesite at the location is fractured with calcite filling. The soil appears largely residual.

An additional 25 soils were collected from a tight grid centered on the anomalous site (see Figs. 9-1 to 9-3). The repeat soil sample taken 30 cms from the original ran 9.3 ppm Au establishing the validity of the original result. Only one other sample could be considered anomalous at 0.15 ppm Au. Broken rubble collected from the two holes at the discovery site assayed 0.03 and 0.04 ppm Au. It is concluded that the gold probably has a local source in the bedrock in the immediate vicinity, but that it is apparently very small.

Two anomalous samples occurred at the east end of lines 51+00N and 52+00N on the southeast grid. These were located in sand on the bank of the Deadman River. The results are attributed to placer gold.



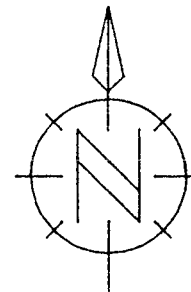
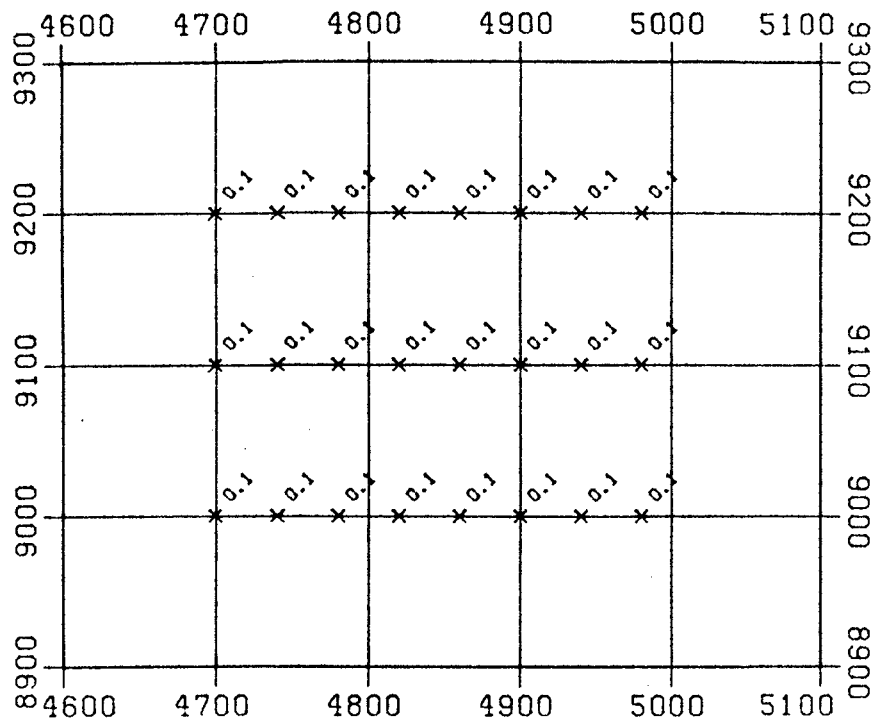
RESULTS in PPM

0.01 = < 0.02 ppm



Fig. 8-1

DRAWN BJR		PLACER DOME INC. PRECISELY V215 AU GEOCHEMISTRY NORTH GRID
DATE 87:11:18		
SCALE 1:5000		
		NO.
		PLATE



RESULTS in PPM

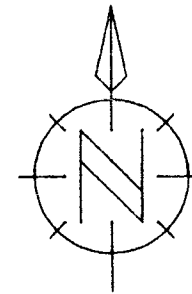
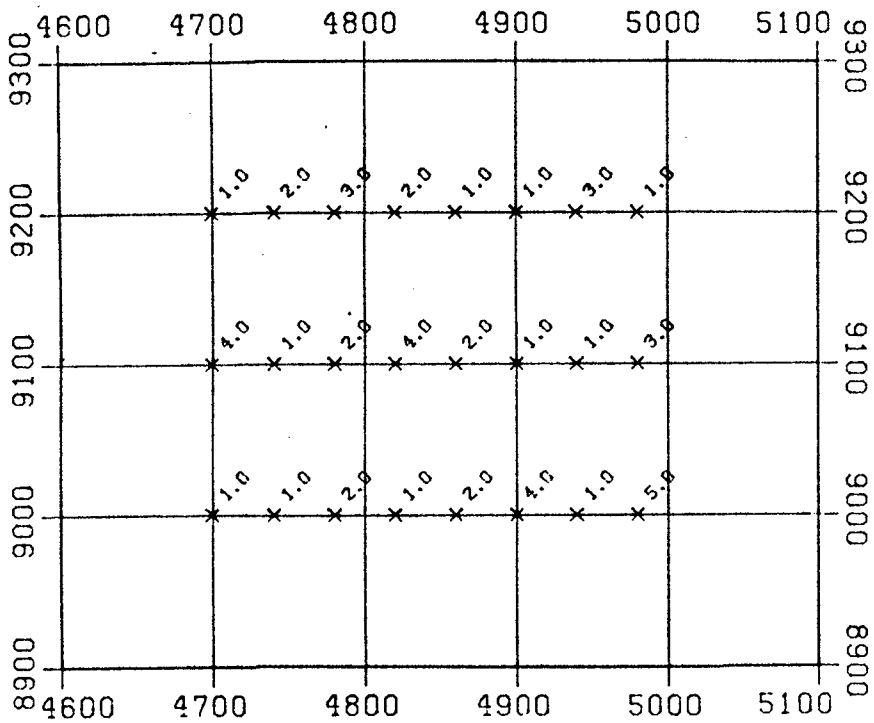
0.1 = < 0.2 PPM



5b

Fig. 8-2

PLACER DOME INC.	
DRAWN BJR	PRECISELY V215
DATE 87:11:18	AG GEOCHEMISTRY
SCALE 1:5000	NORTH GRID
NO.	PLATE



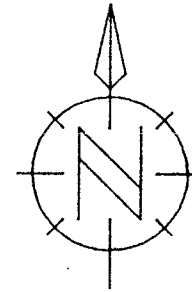
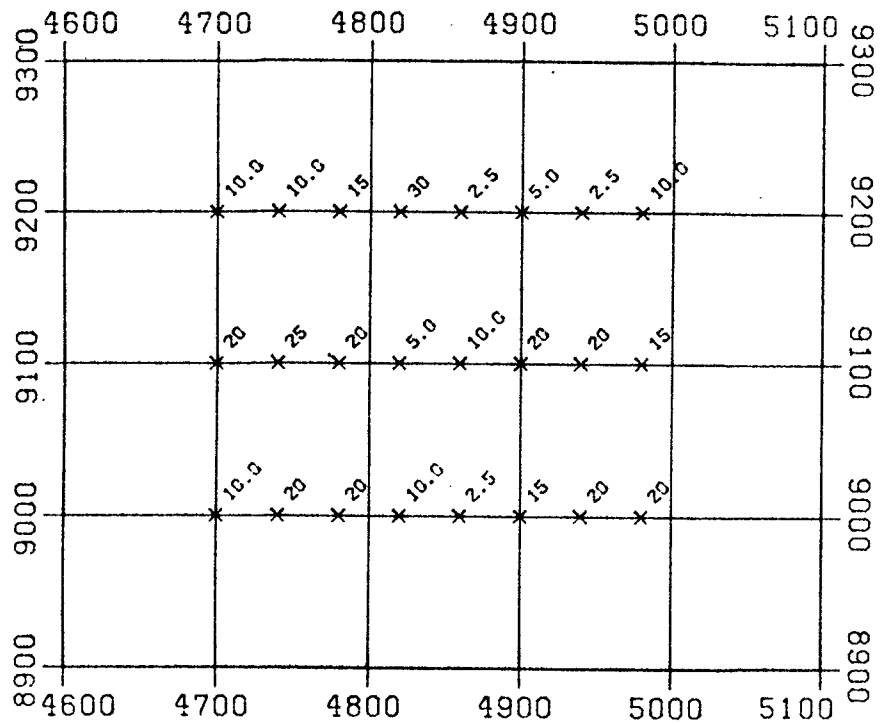
RESULTS in PPM
1.0 = < 2.0 PPM



Fig. 8-3

PLACER DOME INC.	
DRAWN BJR	PRECISELY V215
DATE 87:11:18	AS GEOCHEMISTRY
SCALE 1:5000	NORTH GRID
NO.	PLATE

30



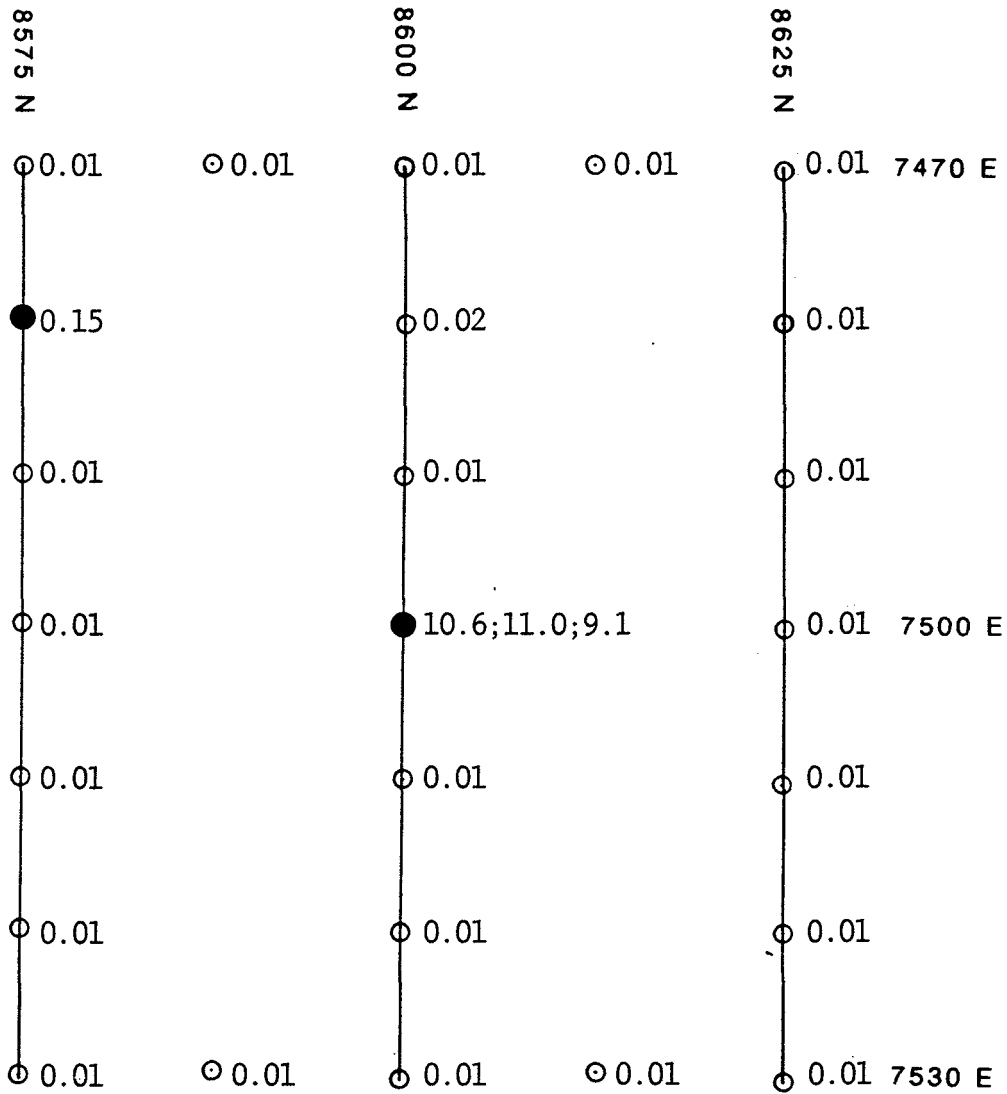
RESULTS in PPB
 2.5 = < 5.0 PPB



51

Fig. 8-4

DRAWN BJR		PLACER DOME INC.	
DATE 87:11:18		PRECISELY V215	
SCALE 1:5000		HG GEOCHEMISTRY	
		NORTH GRID	
		NO.	PLATE



0.01 = < 0.02 PPM Au PPM Fig. 9-1

PLACER DOME INC.
PRECISELY PROPERTY
CHECK SOIL SAMPLING
NORTHEAST GRID

Scale 1:500

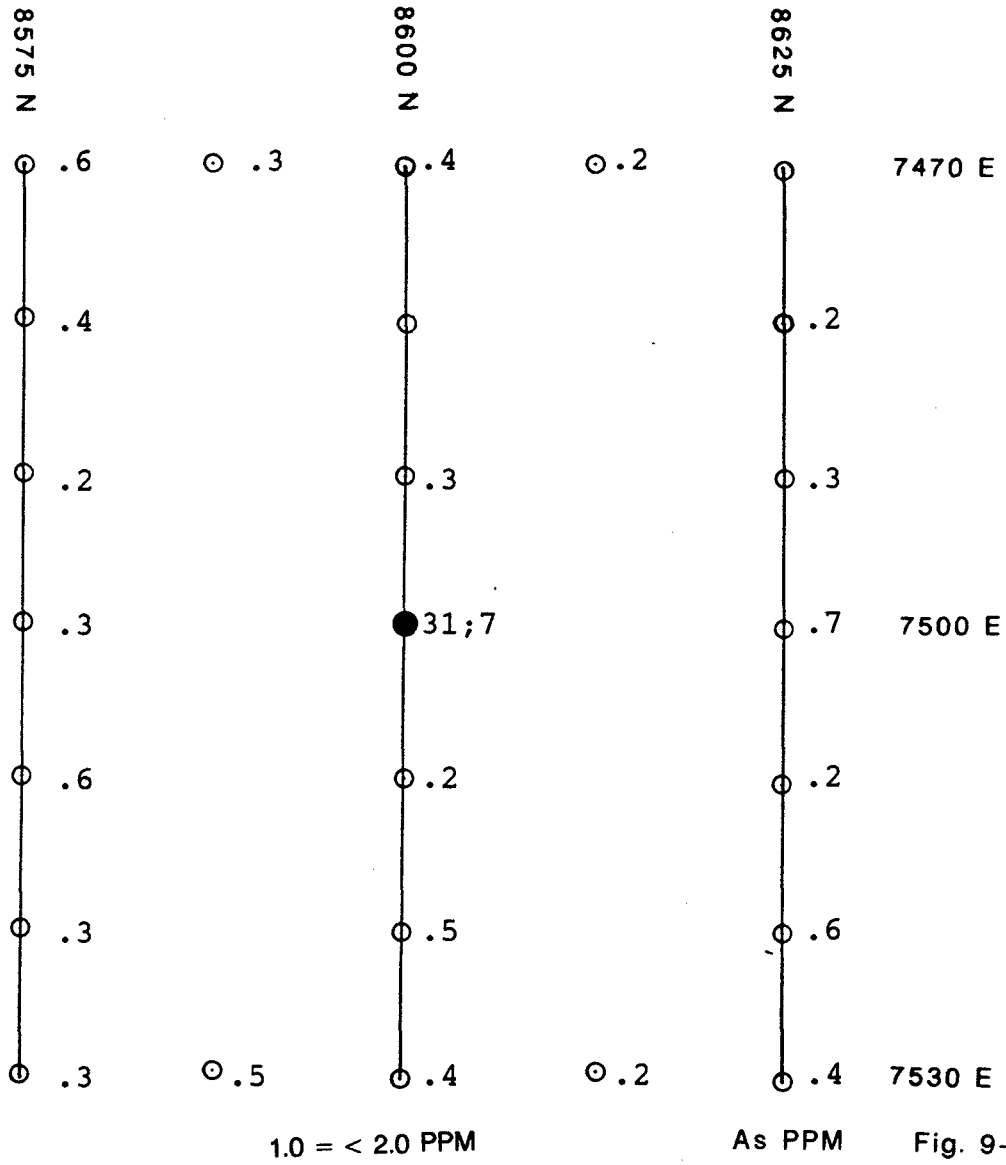


Fig. 9-3

PLACER DOME INC.
PRECISELY PROPERTY
CHECK SOIL SAMPLING
NORTHEAST GRID

Scale 1:500

7.1.2 Silver

The results for silver were negative with only two assays over 1.0 ppm.

7.1.3 Mercury

A total of three scattered samples were considered weakly anomalous for mercury with values of 156 to 300 ppb as compared to a background of <10 ppb. It may be noted that on occasion the assays for a short interval will be elevated 20 to 50 ppb Hg. This is apparently a laboratory problem.

7.1.4 Arsenic

Arsenic gave the only semblance of a grouping of moderately anomalous soils and these are still well scattered. Thirteen soils ranging from 21 to 102 ppm as compared to a background of <2.0 ppm are located in the northeast grid between 82+00N and 92+00N and 70+60E to 75+40E. The area is for the most part on the tops or slopes of the hills found in that locality. Outcrop is quite abundant and overburden thin.

The area is underlain by mainly tuffs and augite porphyry intruded by hornblende diorite. Several rock samples collected in the area, usually containing pyrite, assayed only very low values in arsenic.

A contouring of the arsenic values on the northeast grid, using a low level threshold of 6 ppm As, clearly shows an increase in values in the northeast quadrant of the grid and including the area of high assays referred to above. It appears to be a halo effect related to the hornblende diorite intrusion.

A line of low level arsenic "highs" trends northwest from Semlin Lake. The source for these weak anomalies is unknown.

8.0 GEOPHYSICS

Previous geophysical work carried out on the property consisted of ground magnetometer and VLF-EM surveys as well as a two stage Induced Polarization and Resistivity survey. These surveys located a high resistivity, high chargeability zone straddled by VLF-EM conductors.

The present VLF-EM survey was carried out using the transmitting station at Jim Creek, Washington (near Seattle). Readings were taken facing easterly along the lines at 20 m intervals.

Magnetometer readings were taken at 10 m stations and correction for drift and diurnal changes were made by use of a base station recording magnetometer.

8.1 Equipment Used

The magnetometer survey was conducted using two Geometrics G-856A portable proton magnetometers (memory-mag). One was used in the field mode (Ser. No. 27503) while the other was used in a base station mode (Ser. No. 27502). The internal clocks were synchronized before commencement of the survey and subsequent daily readings were dumped out to floppy disk in a Kaypro I portable computer. The data from the two magnetometers were merged and corrected for diurnal drift from an established base station value. The corrected results were plotted as field profiles and also stored on disk for eventual transfer to a Univac 1108 for final plotting.

The VLF-EM survey employed a Geonics EM-16 (Ser. No. 25) which used the following transmitting station:

Jim Creek NLK 24.8 kHz

VLF readings were also entered onto floppy disk in a Kaypro I computer and field profiles of In-phase Quadrature and Fraser Filter data were plotted. The stored data was transferred to a Univac 1108 for final processing and plotting.

8.2 Survey Results

The surveys were conducted on three grids as follows:

	<u>Mag</u>	<u>VLF</u>
S.E. Grid	22.77 km	22.77 km
N.W. Grid	9.12 km	9.12 km
N.E. Grid	52.50 km	20.44 km

The VLF survey on the N.E. grid did not cover all of the grid lines as the Seattle station shut down for two weeks and then never went back to its normal operating schedule until after the camp was de-mobilized.

The magnetometer survey results were plotted as plan maps of posted data and stacked profiles at a scale of 1:5000 (see figures in folder at back of report).

The VLF-EM survey results were plotted as stacked profile plan maps of the Fraser Filter data and as posted plan maps of the In-Phase and Quadrature data at scales of 1:5000. The Fraser Filter data was calculated as per the method put forth by D.C.Fraser (1969, Contouring of VLF-EM data; Geophysics V.34 p. 958-967). See figures in the folder at the back of report.

8.3 Discussion of Results

8.3.1 Southeast Grid

8.3.1.1 VLF Survey

The predominant strike of the detected VLF conductors is 340° to 345° Az. Several barbed wire fences gave strong VLF conductors which overwhelmed all other features in their vicinity. The N-S fence at approximately 5200 E was also detected at the edge of a previous survey. Conductor (1) is detected on the east side of a dyke-like magnetic feature.

8.3.1.2 Magnetic Survey

Two prominent dyke-like features numbered 1 and 2 were detected within a noisy magnetic zone between 5000E and 5400E on lines 5100N to 5900N.

8.3.2 Northwest Grid

8.3.2.1 VLF Survey

The main conductor direction is approximately N-S with minor conductors at 340° Az. The most prominent feature other than fences is conductor 7 which does not show any relationship to magnetics or geologic contacts.

8.3.2.2 Magnetic Survey

Several weak magnetic features were detected as shown on Fig. 11-1.

8.3.3 Northeast Grid

8.3.3.1 VLF Survey

Minor conductors strike at 340° with the main direction being N-S. Anomaly 8 continues north from a long narrow lake and is thought to reflect a fault or shear zone.

8.3.3.2 Magnetic Survey

A strong magnetic anomaly on lines 9200N, 6300E to 9400N, 6200E, was detected and is the only major anomaly on this grid. A few boulders of magnetic basalt were found in the area indicating the anomaly may be due to a basalt dyke.

Extremely noisy readings were detected on the eastern portion of Lines 8400N to 9100N. These readings are in the sparsely treed hilly areas where there appears to have been numerous lightning strikes over the years and this may have caused isothermal remanent magnetization.

9.0 ROCK SAMPLES RESULTS (See Appendix II)

A total of 29 rock samples were collected and assayed for Au, Ag and As. Five of the samples were from float and the remainder from outcrop. The material was predominantly quartz veining with a few quartz-calcite veins and the remainder rock with variable amounts of pyrite.

The results were essentially negative for all three elements with all gold values <0.01 ppm and a maximum of 17 ppm As.

10.0 DISCUSSION OF PREVIOUS WORK

In the search for new target areas, the results from previous work are both a guide and a bench mark. On the Precisely property work was concentrated on silicified argillite breccias in the Lake and Depression zones and on quartz veins in granodiorite in the Bridge Zone. The Depression and Lake zones are part of a hydrothermal system with the argillite being a preferred host for gold and arsenic enhancement relative to the tuff and augite porphyry.

Silicification appears related to a low angle fault in both cases and is generally restricted to narrow zones. Gold and arsenic enhancement is apparently greatest in the silicified zones. The maximum values obtained in drilling were 480 ppb Au and 1000 ppm As with the enhanced zones being in the general order of 100 ppb Au and 250 ppm As. Rock chip samples assayed 50 to 140 ppb Au and 100 to 175 ppm As in the Lake zone. In summary, low gold values occur in the system with no indication of improvement with depth.

Soil sample results from the "B" horizon over the Lake and Depression zones ranged from 30 to 140 ppb Au and 50 to 280 ppm As.

Drilling and rock chip sampling on the Bridge zone gave better gold values, particularly, in the quartz veins. The best 10' interval ran 4700 ppb Au and others were in excess of 1000 ppb Au. Silver showed a close correlation with gold and over short lengths assayed up to several ounces per ton.

The Bridge zone is described as being outlined by soil sampling with weak but consistent anomalies in gold and arsenic. Gold values ran from 10 to 30 ppb with peaks to 440 ppb. Coincident arsenic values were up to 20 ppm.

Geophysics in the form of magnetometer, VLF-EM and Induced Polarization surveys were done on parts of the property in 1986 with the most interesting results on the Bridge zone. VLF-EM indicates two structures believed to be faults more or less bounding the Bridge zone. Induced Polarization found anomalous chargeabilities over the Bridge zone which were attributed to pyrite in the granodiorite. A much stronger I.P. anomaly to the north-northeast of the Bridge zone was drilled and found to be caused by several percent pyrite in argillite. There were no gold values.

In summary, exploration on the Precisely property to the end of 1986 had indicated that favourable host rocks, structures and mineralization were present, albeit not in economic quantities. The results have been useful as a base for comparison with the 1987 work, particularly in regard to geochemistry.

11.0 CONCLUSIONS

Briefly, the results from the 1987 exploration program have been disappointing with no evidence of new areas of mineralization.

1. Mapping on the property has found a generally monotonous sequence of tuffs and flows with propylitic alteration and minor pyritic alteration. No additional beds of argillite were found.
2. Sampling of quartz and calcite veining and of sulphides in both outcrop and float has proven barren for Au, Ag and As.
3. Soil sampling for Au, Ag, As and Hg has also been negative. Previous results on the Depression Lake and Bridge zones were weak but anomalous and generally consistent with the drill indicated mineralization. The 1987 program has not indicated anything of even a comparable nature.
4. Magnetometer and VLF-EM surveys have indicated some dyke and fault structures. However, without evidence of

associated mineralization in the vicinity they are not significant.

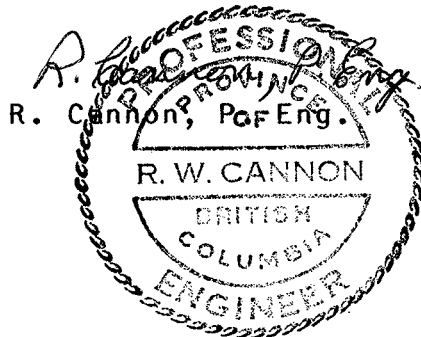
12.0 RECOMMENDATION

Exploration on the Precisely property has failed to outline any economically significant mineral deposits or to indicate areas on the property warranting additional work. It is recommended that the option be terminated.

Submitted by

W. Pentland

W. Pentland



WP/RC/lea
November, 1987

STATEMENT OF QUALIFICATIONS

I, W.S. Pentland, with a business address in Vancouver, British Columbia, and a residential address in Delta, British Columbia, hereby certify that:

1. I am a geologist graduating from the University of British Columbia, Vancouver, British Columbia, with a B.A. in 1951.
2. From 1951 to 1986, I have worked in mineral exploration in various parts of Canada.
3. I personally examined the area and have assessed the results of the work.

W. Pentland

W.S. Pentland

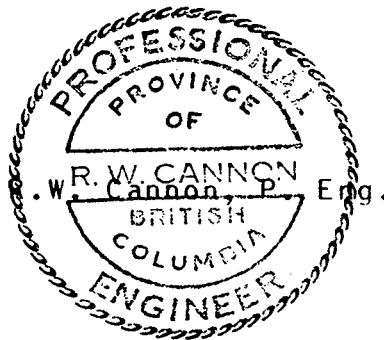
WSP/cs

03:31:878

STATEMENT OF QUALIFICATIONS

I, Richard W. Cannon, of the City of Vancouver, Province of British Columbia, hereby certify as follows:

1. I am a graduate of the University of British Columbia where I received a B.A. Sc. in Geological Engineering (Geophysics Option) in May 1966.
2. I am a member of the Association of Professional Engineers of British Columbia and have been so since 1968. Registration No. 6742.
3. I am a member of the Canadian Institute of Mining and Metallurgy, Society of Exploration Geophysicists, and B.C. Geophysical Society.
4. I have practised my profession since 1966.



APPENDIX I

COST STATEMENT - PRECISELY V-215

1. Labour* (salaries and benefits).....	\$34,575.00
2. Camp Operation (lumber, appliances, food).....	11,526.00
3. Transportation and Travel Costs.....	5,000.00
4. Assay Charges**.....	30,382.00
5. Report Preparation.....	<u>5,000.00</u>
	<u>\$86,483.00</u>

* Labour (salaries and benefits)

R. Hodgson-Technician -	4 days @ \$200/day -	\$ 800.00
H. Goddard-Technician -	9 days @ \$200/day -	1,400.00
S. Price-Geologist -	22 days @ \$150/day -	3,300.00
R. Boase-Geologist -	31 days @ \$150/day -	4,650.00
C. Young-Labourer -	31 days @ \$125/day -	3,875.00
M. Smith-Geophysicist -	19 days @ \$150/day -	2,850.00
B. Rear-Technician -	2 days @ \$150/day -	300.00
R. Rasmussen-Cook -	31 days @ \$125/day -	3,875.00
R. Cannon-Geophysicist -	21 days @ \$275/day -	5,775.00
W. Pentland-Geologist -	31 days @ \$250/day -	7,750.00

** Assay Charges

A. Soil Samples

Preparation -	\$.75
Digestion -	2.00
Gold -	5.00
Silver -	.90
Arsenic -	.90
Mercury -	4.00
	<u>\$13.55</u>

2217 Soils = \$30,040.00

B. Rock Samples

Preparation -	\$ 3.00
Digestion -	2.00
Gold -	5.00
Silver -	.90
Arsenic -	.90
	<u>\$11.80</u>

29 Rocks = \$342.00

APPENDIX II

ASSAY RESULTS FOR ROCK SAMPLES - PRECISELY PROPERTY

<u>Sample</u>	<u>N</u>	<u>E</u>	<u>Au</u>	<u>Ag</u>	<u>As</u>	<u>Remarks</u>
79501	60+40	61+40	<0.01	<0.2	3	Quartz vein in old trench
79502	53+55	60+40	<0.01	<0.2	<2	Quartz vein w. blebs pyrite
79503	93+10	77+80	<0.01	<0.2	<2	Quartz veins in andesite tuff
79504	90+70	73+60	<0.01	<0.2	<2	Rusty tuff
79505	89+10	79+80	<0.01	0.5	<2	Pyritic fine grd. siliceous tuff
79506	88+98	73+20	<0.01	<0.2	<2	Pyritic fine grd. tuff
79507	83+60	72+10	<0.01	<0.2	<2	20 cm silicified shear
79508	84+00	73+40	<0.01	0.4	6	Veinlets pyrite in tuff. Sub-outcrop?
79509	88+00	73+45	<0.01	0.2	2	Pyritic tuff
79510	87+10	72+15	<0.01	<0.2	3	Pyritic tuff. Sub-outcrop?
79511	83+05	72+35	<0.01	<0.2	3	35 cm quartz vein in diorite boulder
79512	80+80	72+40	<0.01	<0.2	<2	Boulder white quartz
79513	81+60	59+00	<0.01	<0.2	<2	Rusty tuff float. No vis. pyrite
79514	74+50	64+60	<0.01	<0.2	<2	Float-quartz veins in tuff
79515	74+15	63+20	<0.01	<0.2	<2	Pyritic siliceous tuff
79516	82+50	57+10	<0.01	<0.2	<2	Patchy pyrite in siliceous tuff
79517	83+05	57+65	<0.01	<0.2	<2	Rusty boulder-pyritic sil. tuff
79518	80+00	56+10	<0.01	<0.2	<2	Quartz veins to 6 cms in tuff boulders
79518	80+00	56+10	<0.01	<0.2	<2	Quartz veins to 6 cms in tuff boulders
79519	80+03	61+20	<0.01	<0.2	<2	Irreg. quartz veins to 8 cms in sheared tuff
79520	80+03	62+00	<0.01	<0.2	<2	6 cm quartz vein from old trench
79521	84+00	63+90	<0.01	<0.2	17	Float 3 cm quartz vein in sheared tuff
79522	84+00	61+40	<0.01	<0.2	<2	Local float - quartz vein
79523	75+10	47+20	<0.01	0.2	<2	Calcite veins to 1 cm in augite porphyry
79524	76+60	45+20	<0.01	<0.2	<2	Quartz veins in tuff-old trench
79525	78+43	47+40	<0.01	<0.2	<2	Calcite/quartz veins in tuff
79566	52+00	67+20	<0.01	<0.2	14	Float fine quartz veining in sil. tuff
79567	53+55	60+60	<0.01	<0.2	5	Quartz veins in coarse grd. tuff
79568	73+50	38+00	<0.01	<0.2	9	Quartz veining in aph. sil. tuff
79569	77+13	48+00	<0.01	<0.2	5	Quartz veins in v.f. grd sil. tuff

APPENDIX III

ASSAY METHODS

	<u>UNITS</u>	<u>WT.G</u>	<u>ATTACK USED</u>	<u>TIME</u>	<u>RANGE</u>	<u>METHOD</u>
MO	PPM	0.5	C HCL04/HN03	4HRS	1-1000	ATOMIC ABSORPTION
CU	PPM	0.5	C HCL04/HN03	4HRS	2-4000	ATOMIC ABSORPTION
ZN	PPM	0.5	C HCL04/HN03	4HRS	2-3000	ATOMIC ABSORPTION
PB	PPM	0.5	C HCL04/HN03	4HRS	2-3000	A.A. BACKGROUND COR.
CD	PPM	0.5	C HCL04/HN03	4HRS	0.2-200	A.A. BACKGROUND COR.
NI	PPM	0.5	C HCL04/HN03	4HRS	2-2000	ATOMIC ABSORPTION
CO	PPM	0.5	C HCL04/HN03	4HRS	2-2000	ATOMIC ABSORPTION
AG1	PPM	0.5	C HCL04/HN03	4HRS	0.2-20	A.A. BACKGROUND COR.
AU	PPM	10.0	AQUA REGIA	3HRS	0.02-4.00	A.A. SOLVENT EXTRACT.
U	PPM	0.25	DIL HN03	2HRS	1.0-1000	FLOURIMETRY SOLV. EX.
V	PPM	0.5	C HF/HCL04/HN03/HCL	6HRS	5-1000	ATOMIC ABSORPTION
W	PPM	0.5	C HCL04/H3P04	2HRS	2-1000	CD PLASMA.
F	PPM	0.25	NA2C03/KN03 FUSION	30MIN	40-4000	SPECIFIC ION ELECTODE
AS	PPM	0.5	C HCL04/HN03	4HRS	2-1000	A.A. BACKGROUND COR.
SB	PPM	0.5	C HCL/HN03	2HRS	2-1000	A.A. BACKGROUND COR.
BI	PPM	0.5	C HCL04/HN03	4HRS	2-2000	A.A. BACKGROUND COR.
MN	PPM	0.5	C HCL04/HN03	4HRS	2-3000	ATOMIC ABSORPTION
FE	%	0.5	C HF/HCL04/HN03/HCL	6HRS	0.02-20%	ATOMIC ABSORPTION
HG	PPM	0.25	DIL HN03/HCL	2HRS	5-2000PPB	A.A. COLD VAPOR GEN.
BA	%	0.25	C HF/HI/OXALIC	4HRS	0.02-20%	ATOMIC ABSORPTION
NA	%	0.5	C HF/HCL04/HN03/HCL	6HRS	0.2-20%	ATOMIC ABSORPTION
K	%	0.5	C HF/HCL04/HN03/HCL	6HRS	0.2-20%	ATOMIC ABSORPTION
CA	%	0.5	C HF/HCL04/HN03/HCL	6HRS	0.02-20%	ATOMIC ABSORPTION
SR	PPM	0.5	C HF/HCL04/HN03/HCL	6HRS	10-2000	ATOMIC ABSORPTION
MG	%	0.5	C HF/HCL04/HN03/HCL	6HRS	0.2-20%	ATOMIC ABSORPTION
SN	PPM	1.0	NH4I FUSION	15MIN	5-500	A.A. SOLVENT EXTRACT.
LOI	%	1.0	ASH 600 DEG C	2HRS	0.02-99%	WEIGH RESDUE

16,617

LEGEND

MIOCENE

3 BASALT

TRIASSIC or JURASSIC

2 HORNBLLENDE DIORITE

TRIASSIC

NICOLA GROUP

1a ARGILLITE

1b TUFF

1c AUGITE PORPHYRY

1d AUGITE PORPHYRY AGGLOMERATE

30 BEDDING

60 GEOLOGICAL CONTACT (Approx.)

Wavy Shearing

○ OUTCROP

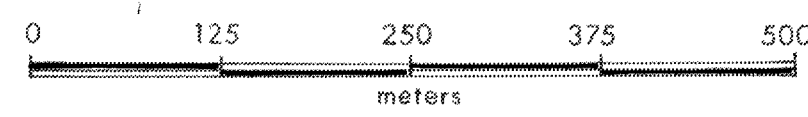
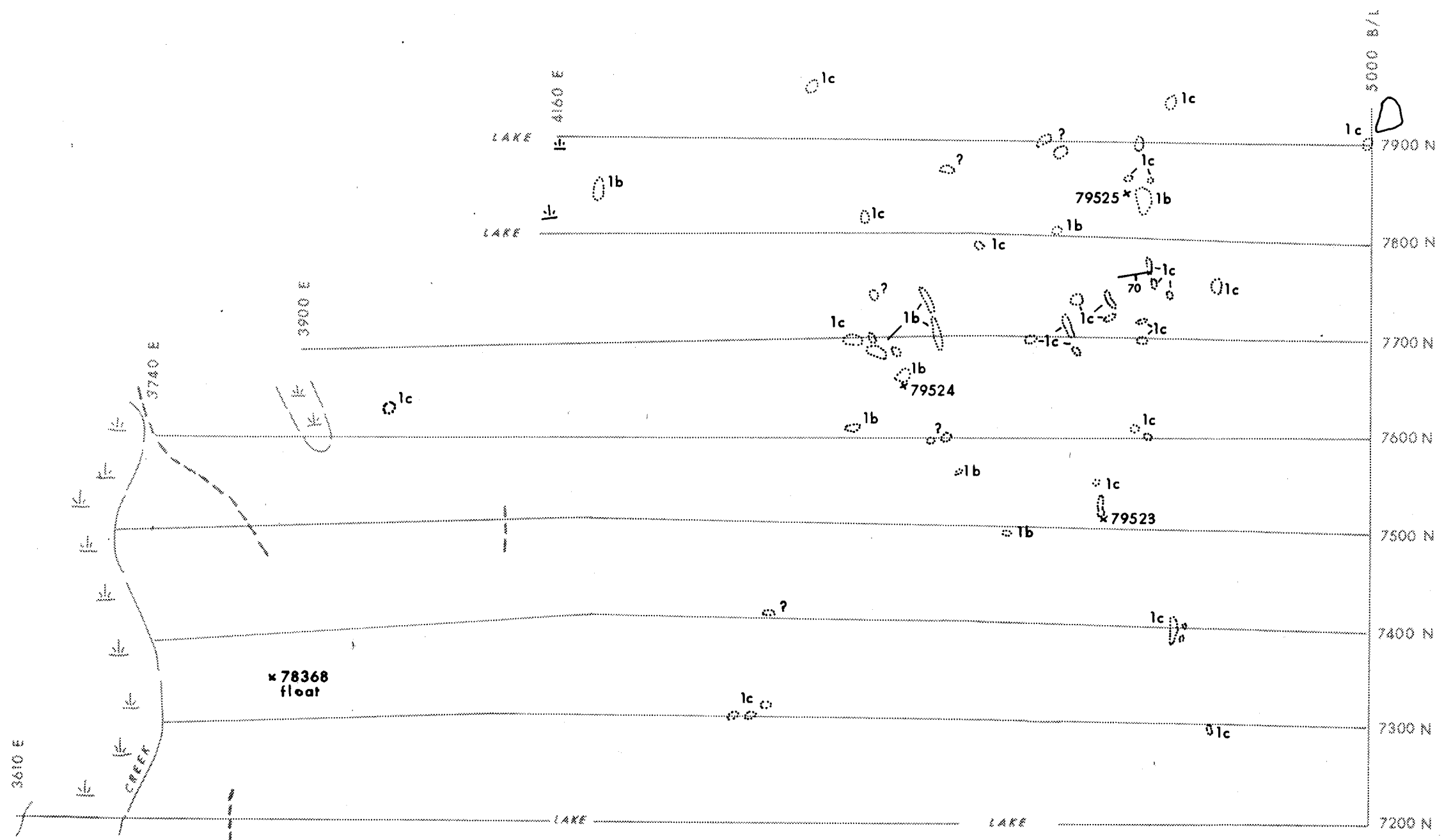
— TRENCH

79528 x ROCK SAMPLE SITE

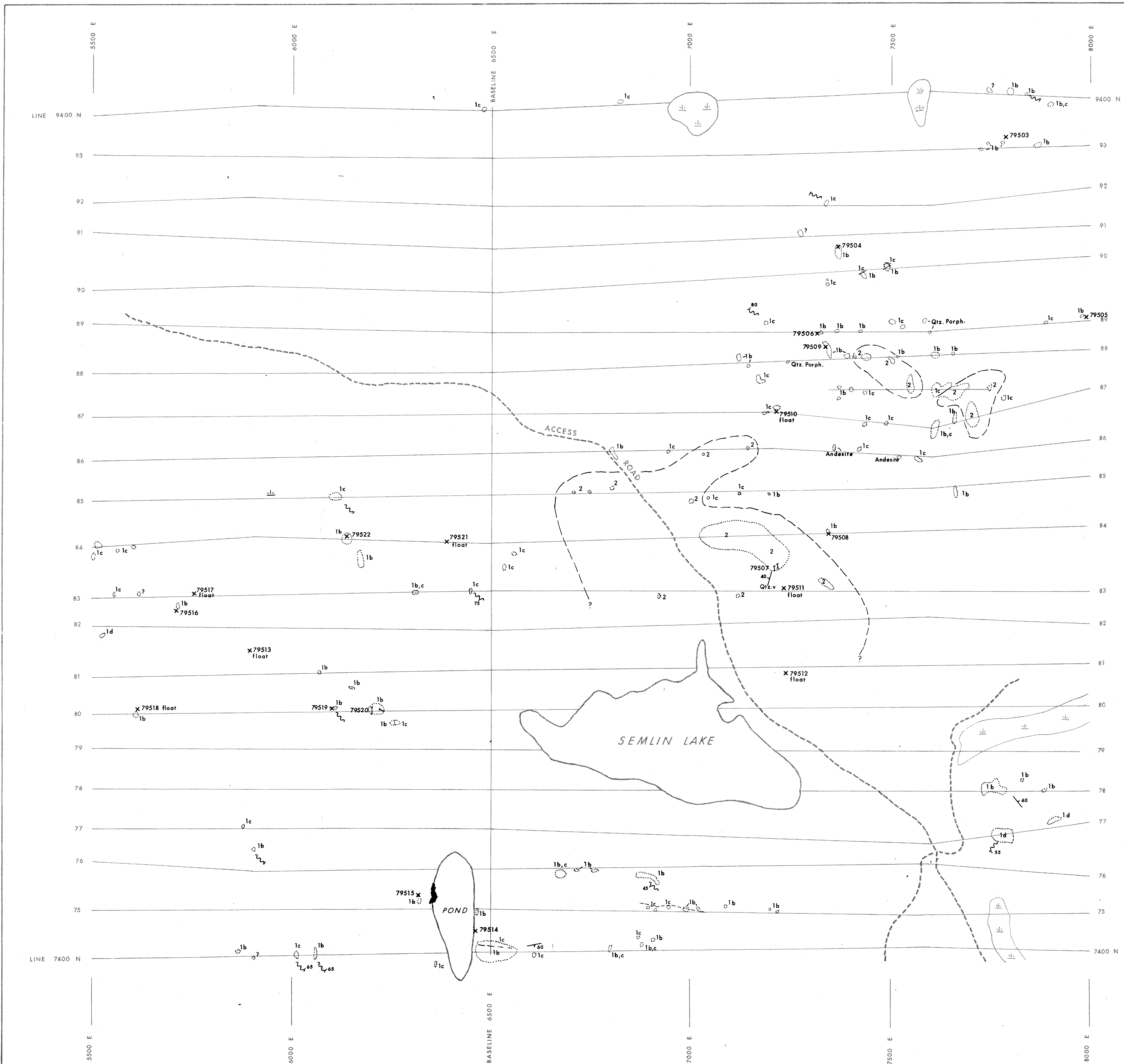
↓ SWAMP



Fig. 4-2



DRAWN W. P.		PLACER DOME INC.	
DATE Aug. 87		PRECISELY PROPERTY V-215	
SCALE 1:5000		GEOLOGY - NORTHWEST GRID	
REVISED		FILE No.	nts 92P/2



- LEGEND**
- MIOCENE**
- 3 BASALT
- TRIASSIC or JURASSIC**
- 2 HORNBLLENDE DIORITE
- TRIASSIC NICOLA GROUP**
- 1a ARGILLITE
 - 1b TUFF
 - 1c AUGITE PORPHYRY
 - 1d AUGITE PORPHYRY AGGLOMERATE
- 30 BEDDING
- 60 GEOLOGICAL CONTACT (Approx.)
- Shearing symbol

- SYMBOLS**
- OUTCROP
 - └ TRENCH
 - ≡ SWAMP
 - 79511 x ROCK SAMPLE SITE

GEOLOGICAL BRANCH ASSESSMENT REPORT

16,617

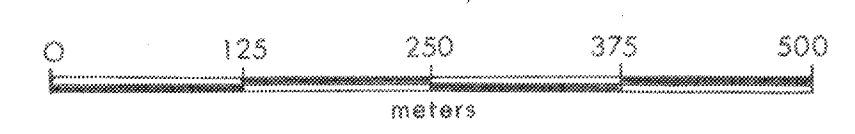
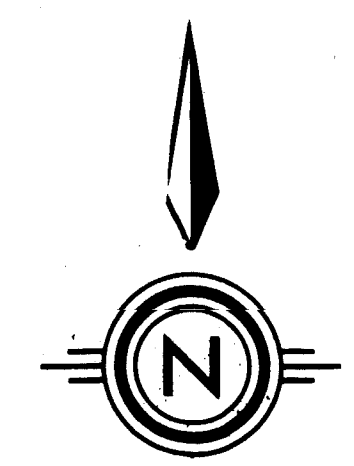
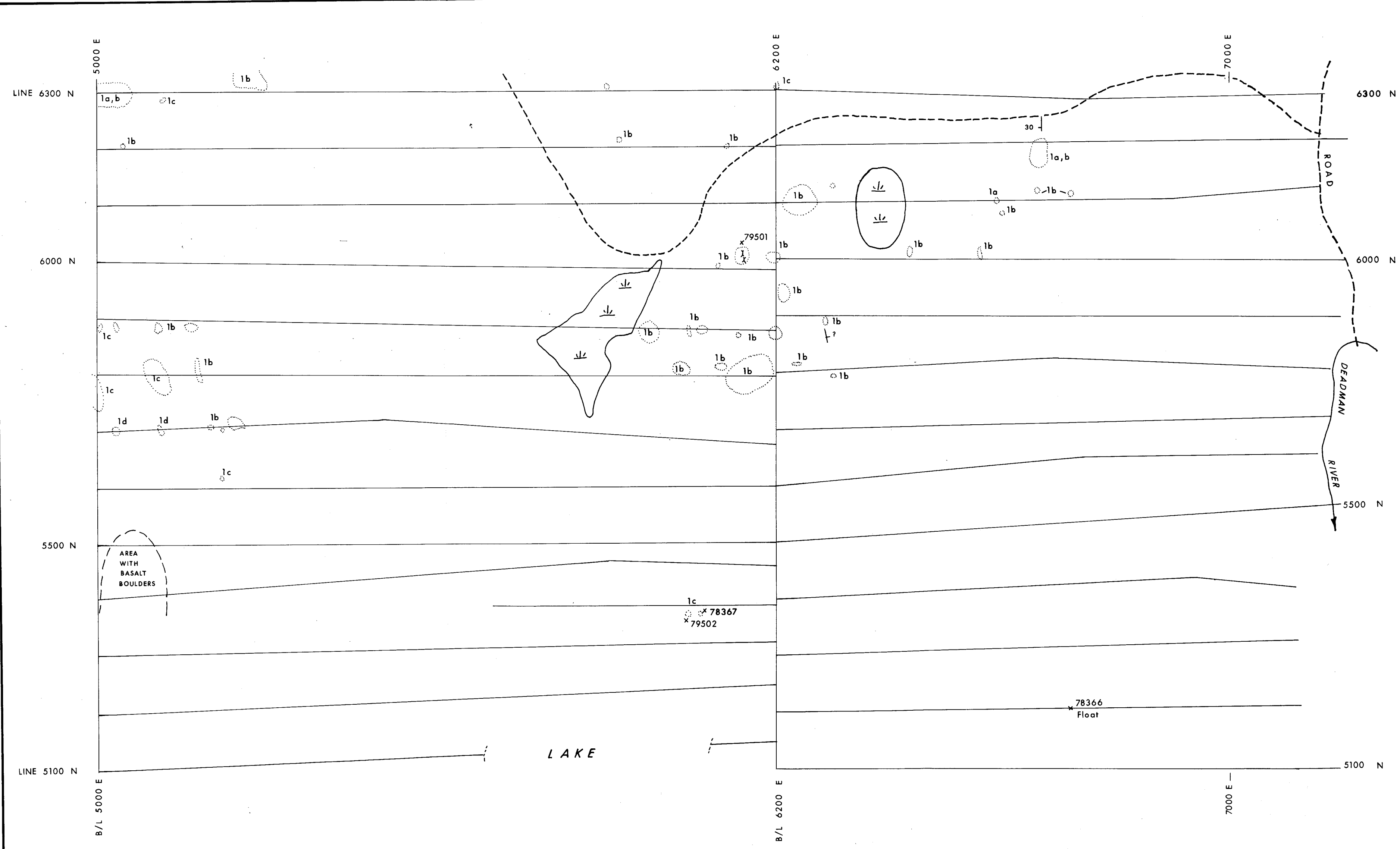


Fig. 4-3

PLACER DOME INC.			
DRAWN	W.P.	PRECISELY PROPERTY	V-215
DATE	Aug. 87	GEOLOGY - NORTHEAST GRID	
SCALE	1:5000	FILE No.	nts 92P/2
REVISED			



- LEGEND**
- MIOCENE
- 3 BASALT
- TRIASSIC or JURASSIC
- 2 HORNBLLENDE DIORITE
- TRIASSIC
- NICOLA GROUP
- 1a ARGILLITE
 - 1b TUFF
 - 1c AUGITE PORPHYRY
 - 1d AUGITE PORPHYRY AGGLOMERATE
- /30 BEDDING
 - - - - - 60 GEOLOGICAL CONTACT (Approx.)
 - ~~~~~ SHEARING

- SYMBOLS**
- OUTCROP
 - ∩ TRENCH
 - ∟ SWAMP
 - 79501 × ROCK SAMPLE SITE

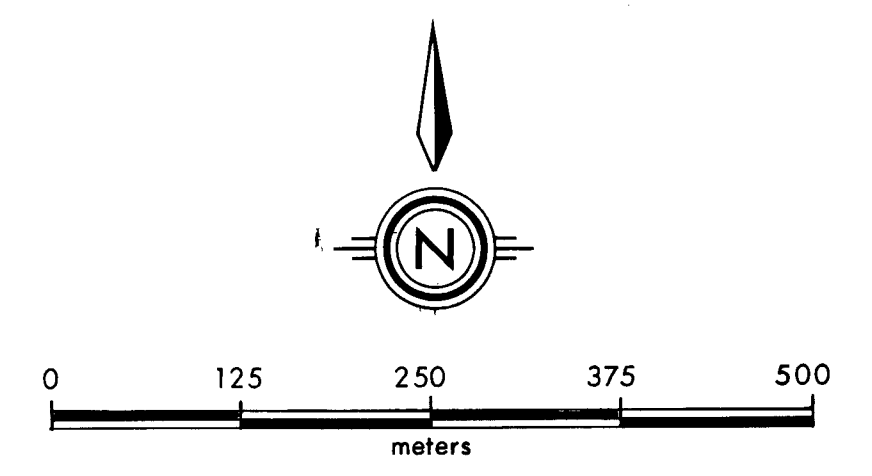
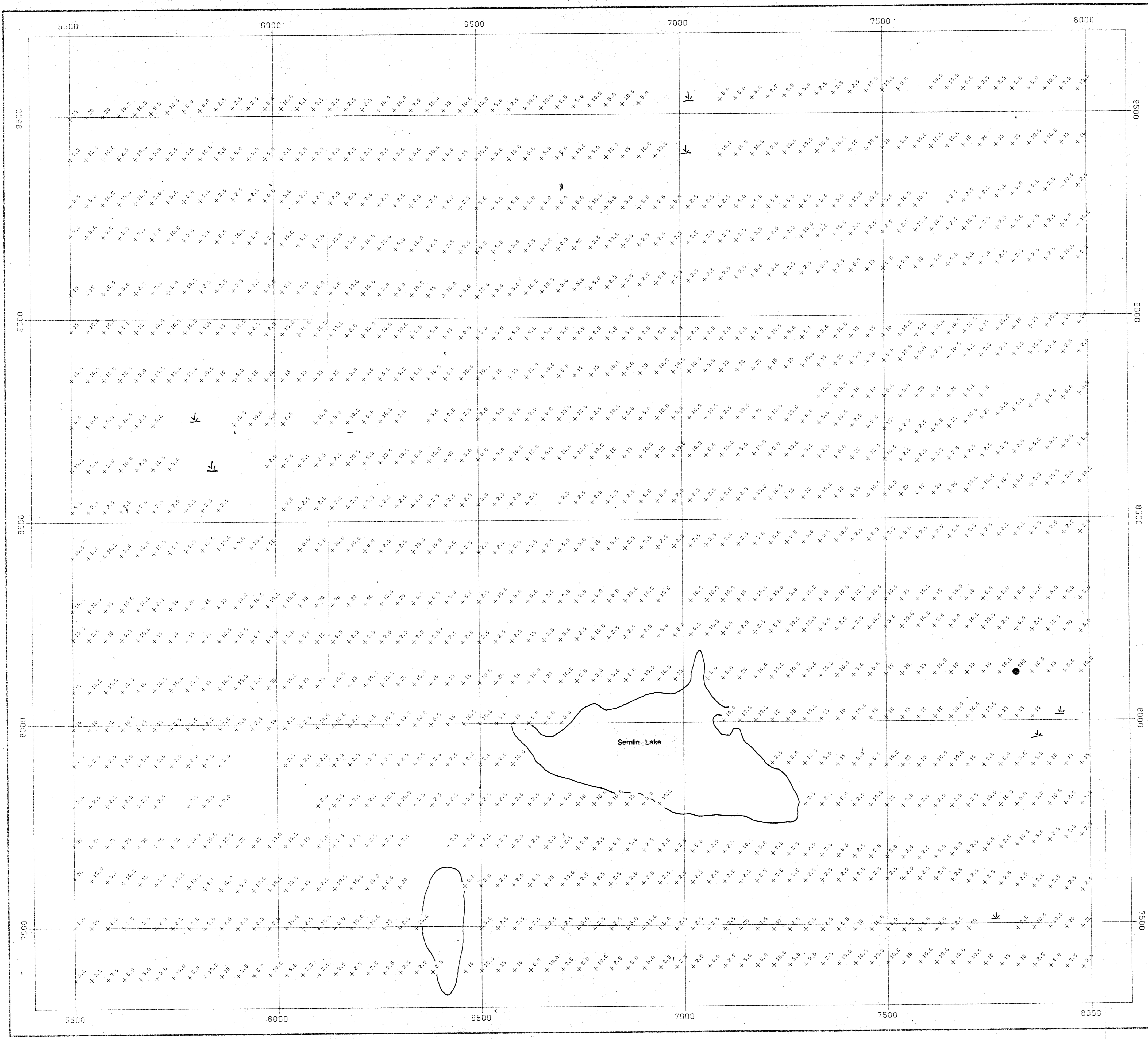


Fig. 4-1

PLACER DOME INC.		
DRAWN	W.P.	PRECISELY PROPERTY V-215
DATE	Aug. 87	GEOLOGY-SOUTHEAST GRID
SCALE	1:5000	
REVISED		FILE No. nts 92P/2



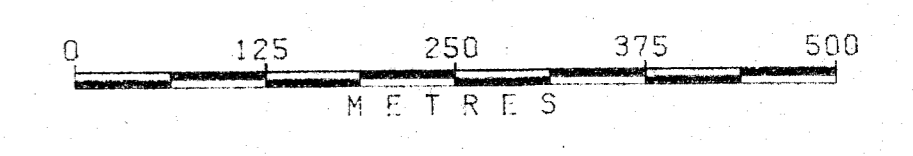
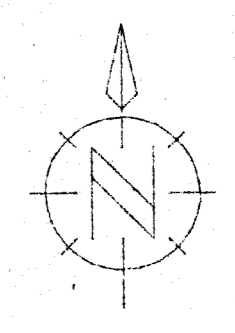
RESULTS in PPB
 2.5 - < 5.0 PPB
 ● - > 100 PPM

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 ASSESSMENT REPORT**

16,617

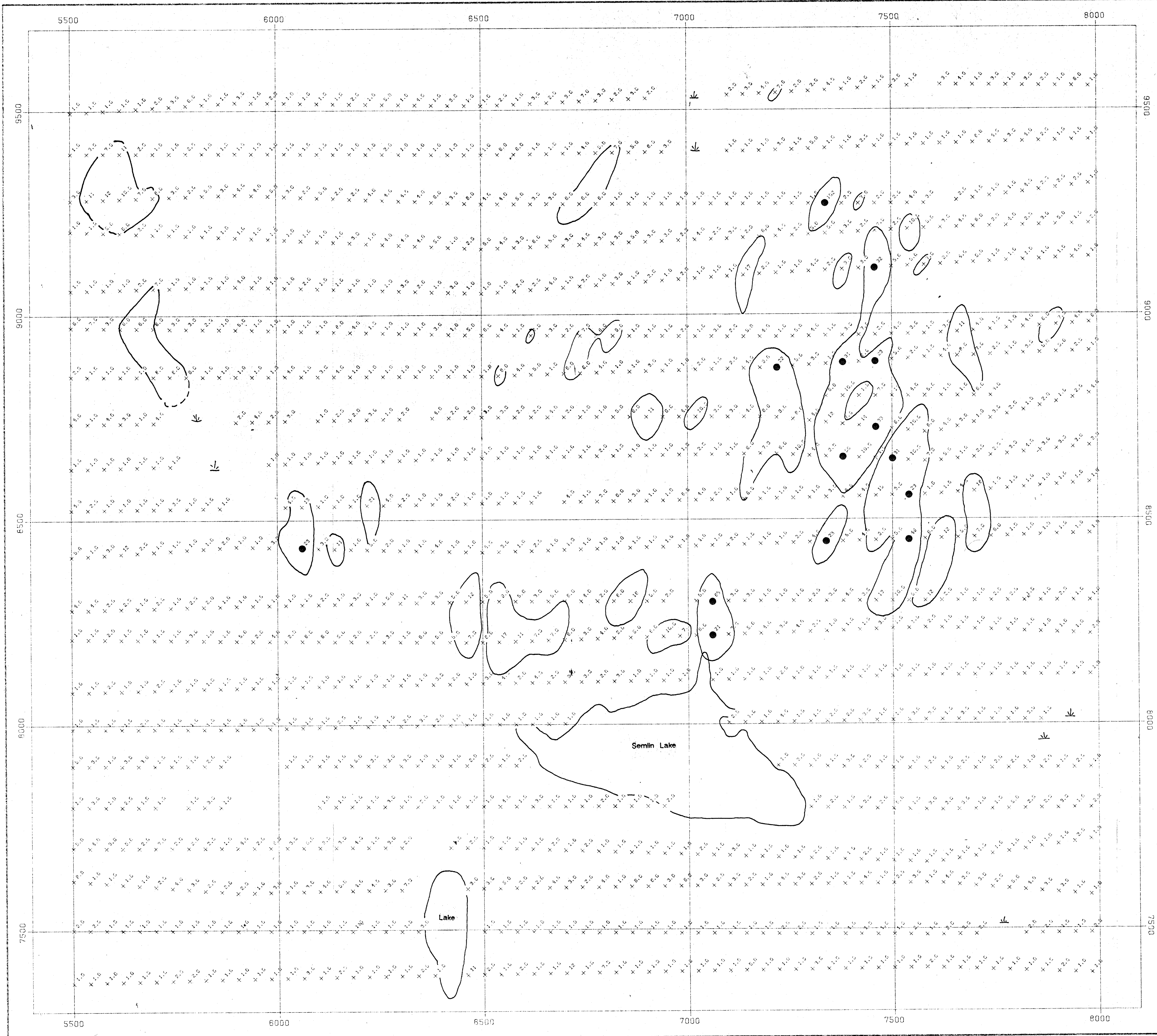
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x POINTS: FIELD HG FILE ASSAY.PLT



DRAWN BJR		PLACER DOME INC.	
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SCALE 1:5000		HG GEOCHEMISTRY	
		NORTHEAST GRID	
NO.		PLATE	

Fig. 7-4



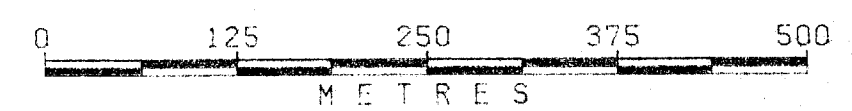
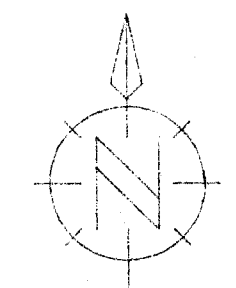
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ASSESSMENT REPORT**

16,617

RESULTS in PPM
1.0 = < 2.0 PPM
• -> 20 PPM

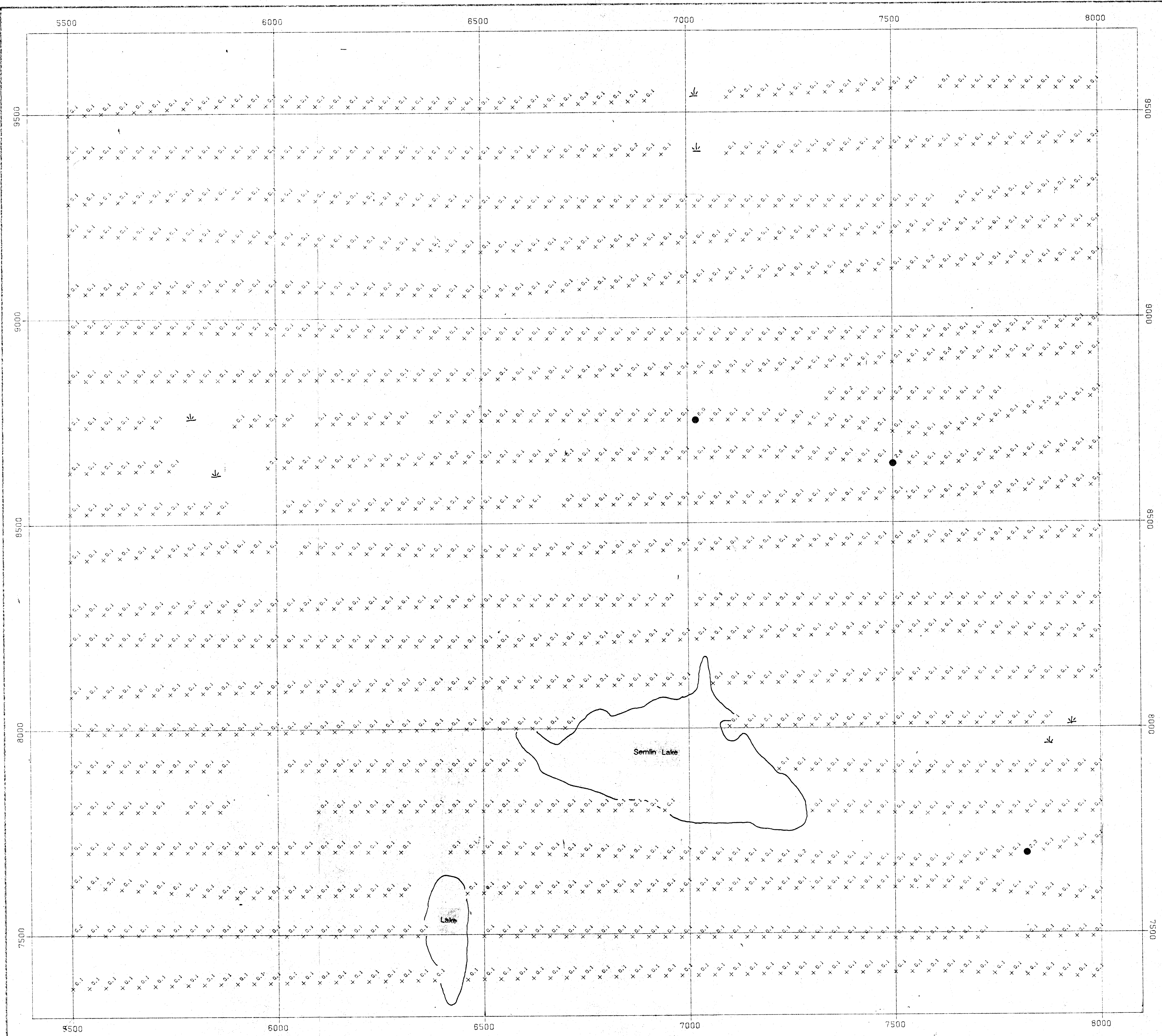
— 6 PPM As

DATA PLOTTED ON THIS MAP:
FIELD FILE
x POINTS AS ASSAY.PLT



DRAWN BJR		PLACER DOME INC.	
DATE 87:10:20		PRECISELY V215	
SCALE 1:5000		AS GEOCHEMISTRY	
		NORTHEAST GRID	
NO.			PLATE

Fig. 7.3

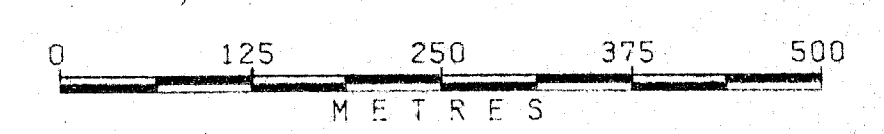
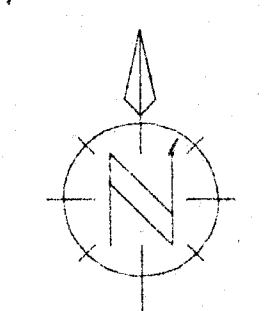


RESULTS in PPM
 x 0.1 - < 0.2 PPM
 ● - > 1.0 PPM

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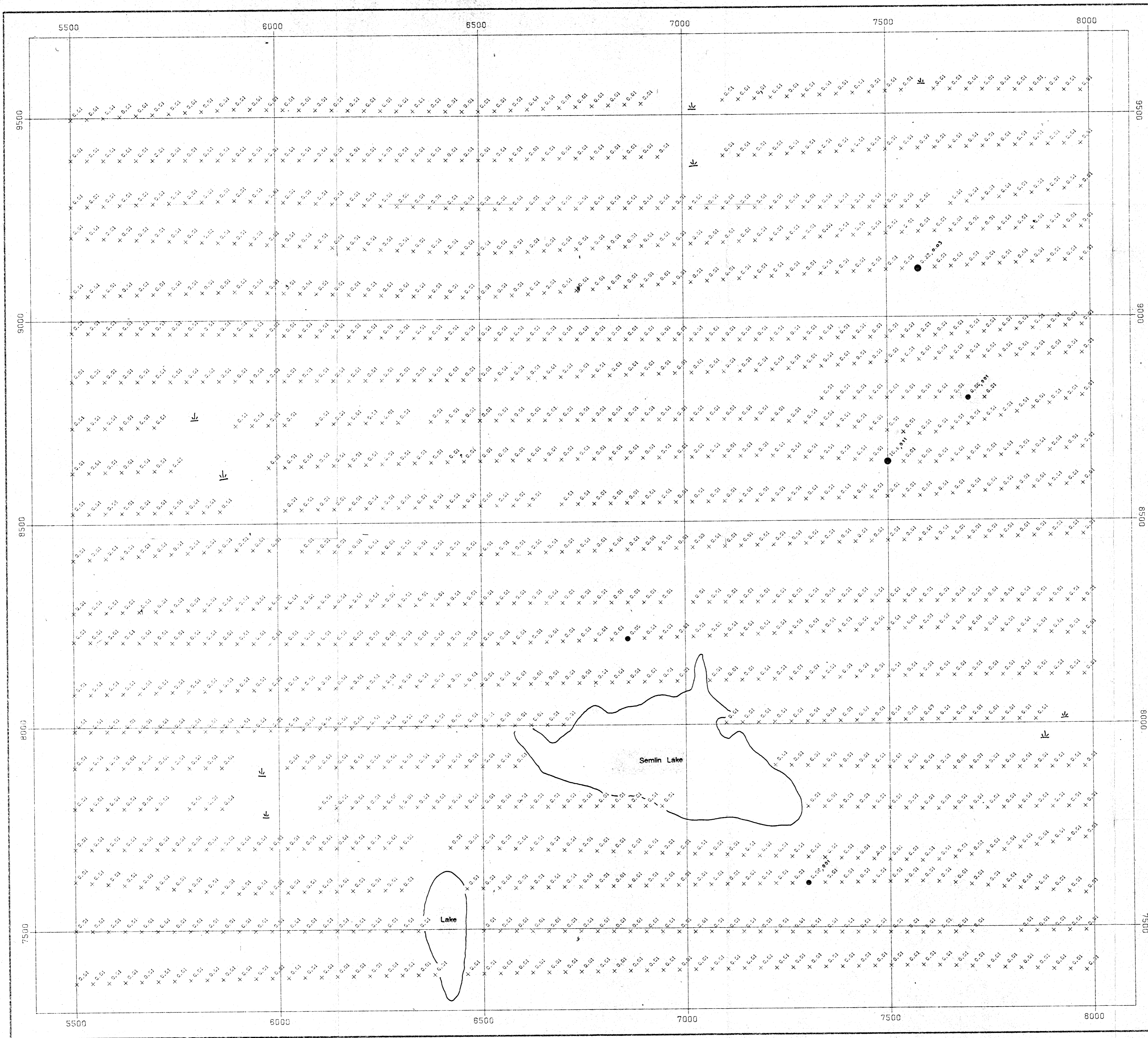
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DATA PLOTTED ON THIS MAP:
 x POINTS: FIELD AG FILE ASSAY.PLT



DRAWN BJR		PLACER DOME INC.	
DATE 87:10:20		PRECISELY V215	
SCALE 1:5000		AG GEOCHEMISTRY	
		NORTHEAST GRID	
		PLATE	

Fig. 7-2



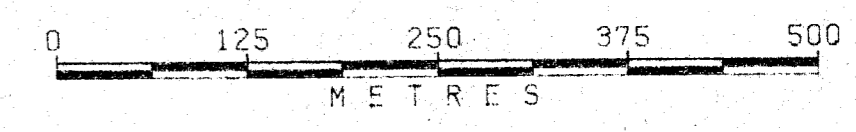
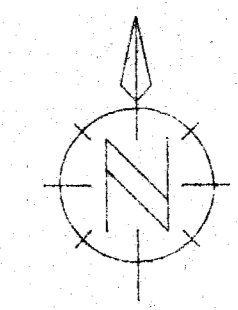
RESULTS in PPM
 0.01 = < 0.02 ppm
 ● - 0.05 PPM to 0.09 PPM
 ● - > 0.10 PPM

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:

FIELD FILE
 x POINTS: AU ASSAY.PLT



DRAWN BJR		PLACER DOME INC.	
DATE 87:10:20		PRECISELY V215	
SCALE 1:5000		AU GEOCHEMISTRY	
		NORTHEAST GRID	
NO.			PLATE

Fig. 7-1

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:

FIELD FILE
 X POINTS: HG ASSAY.PLI

RESULTS in PPB
 2.5 = < 5.0 PPB

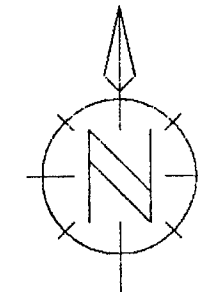
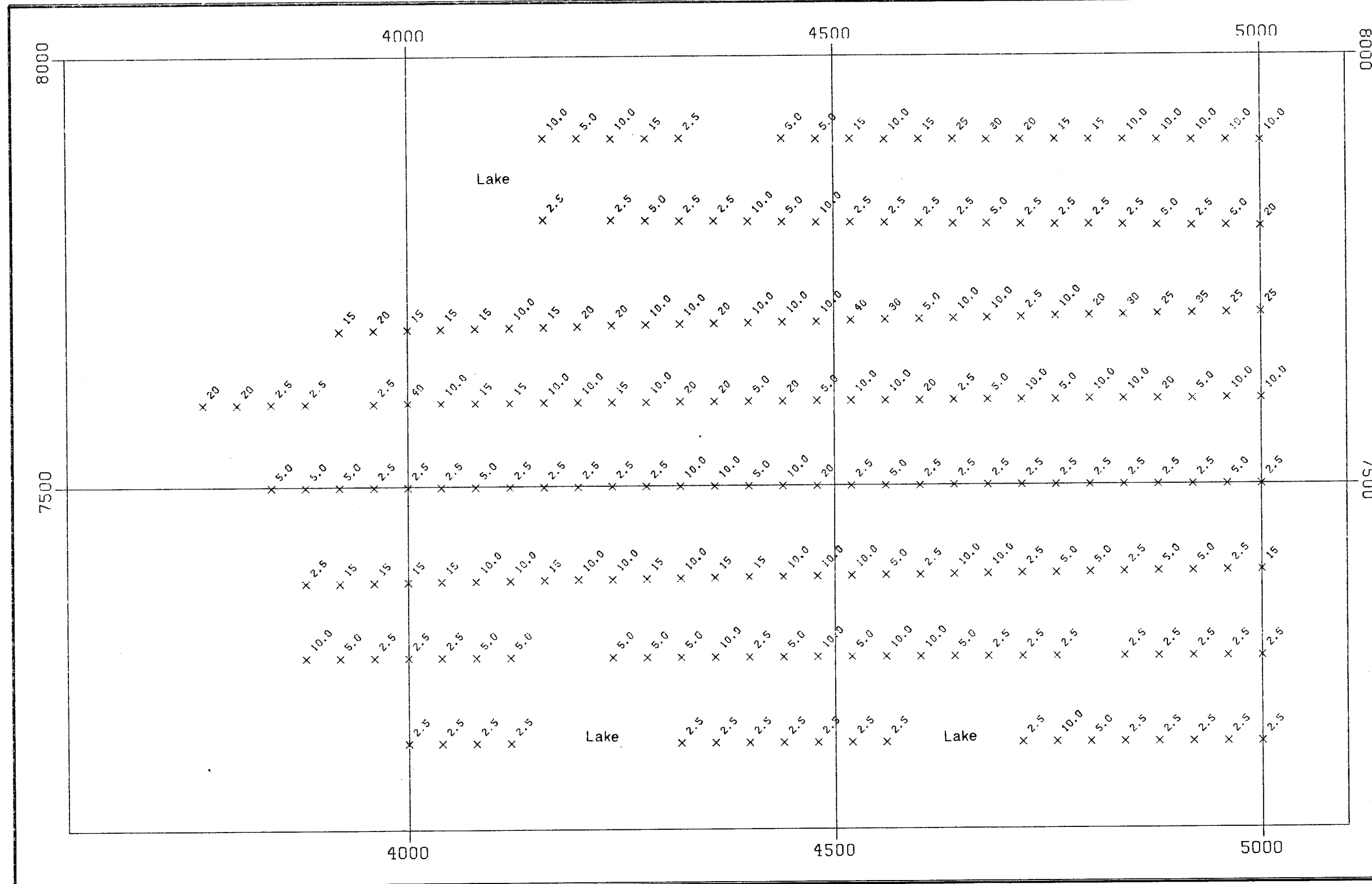


Fig. 6-4



DRAWN BJR		PLACER DOME INC.	
DATE 87:10:20		PRECISELY V215	
SCALE 1:5000		HG GEOCHEMISTRY	
		NORTHWEST GRID	
		NO.	PLATE

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:

FIELD FILE
X POINTS: HS HSSHY.PLI

RESULTS in PPM

0.1 = < 0.2 PPM

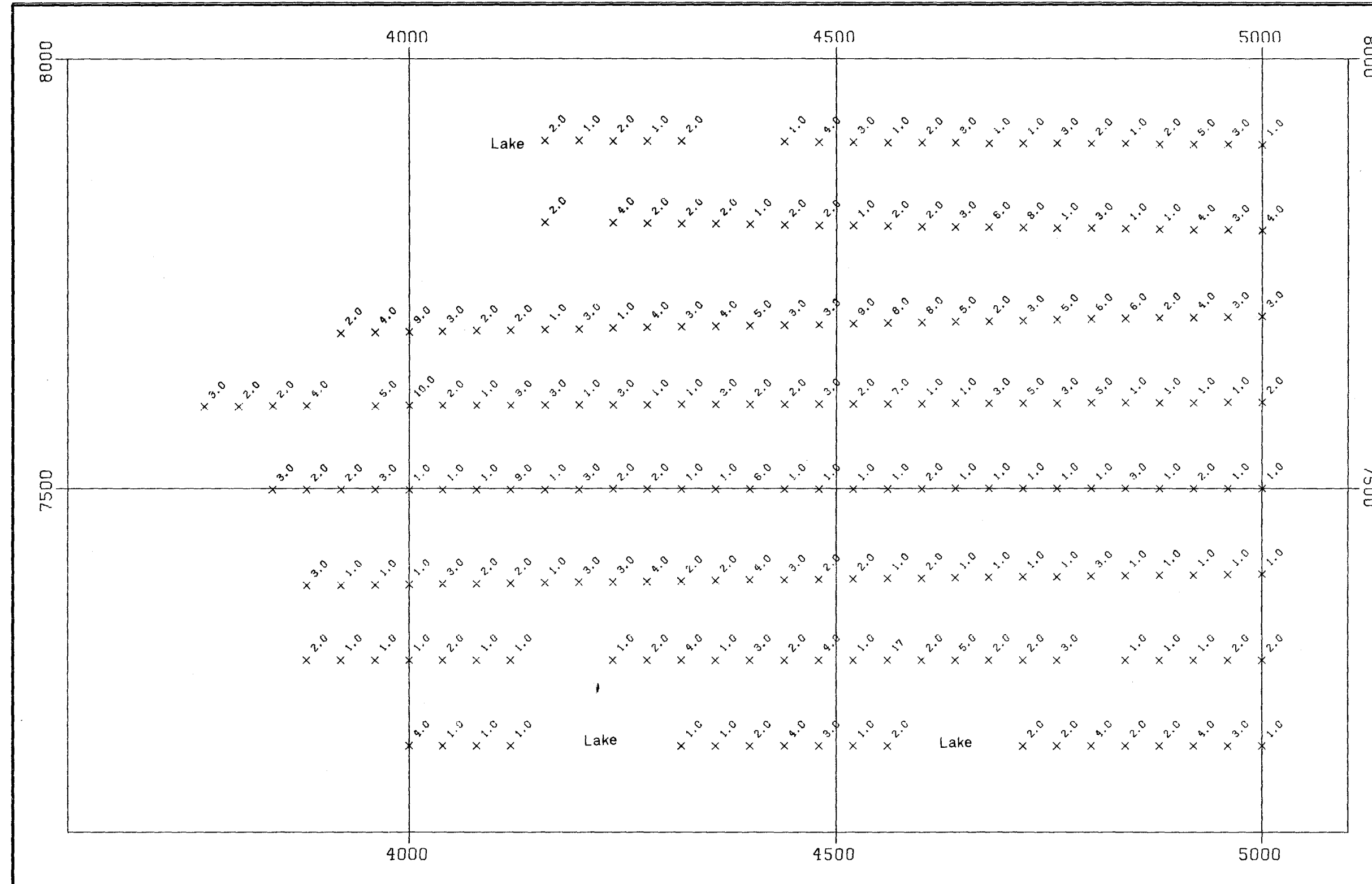
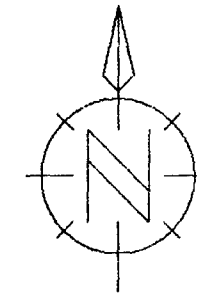


Fig. 6-3

DRAWN BJR		PLACER DOME INC.	
DATE 87:10:20		PRECISELY V215	
SCALE 1:5000		AS GEOCHEMISTRY	
		NORTHWEST GRID	
		NO.	PLATE

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER1 1E/EXPL/PRECIS/GEOCHEM

FIELD FILE
 X POINTS: AG ASSAY.PLT

RESULTS in PPM

0.1 = < 0.2 PPM

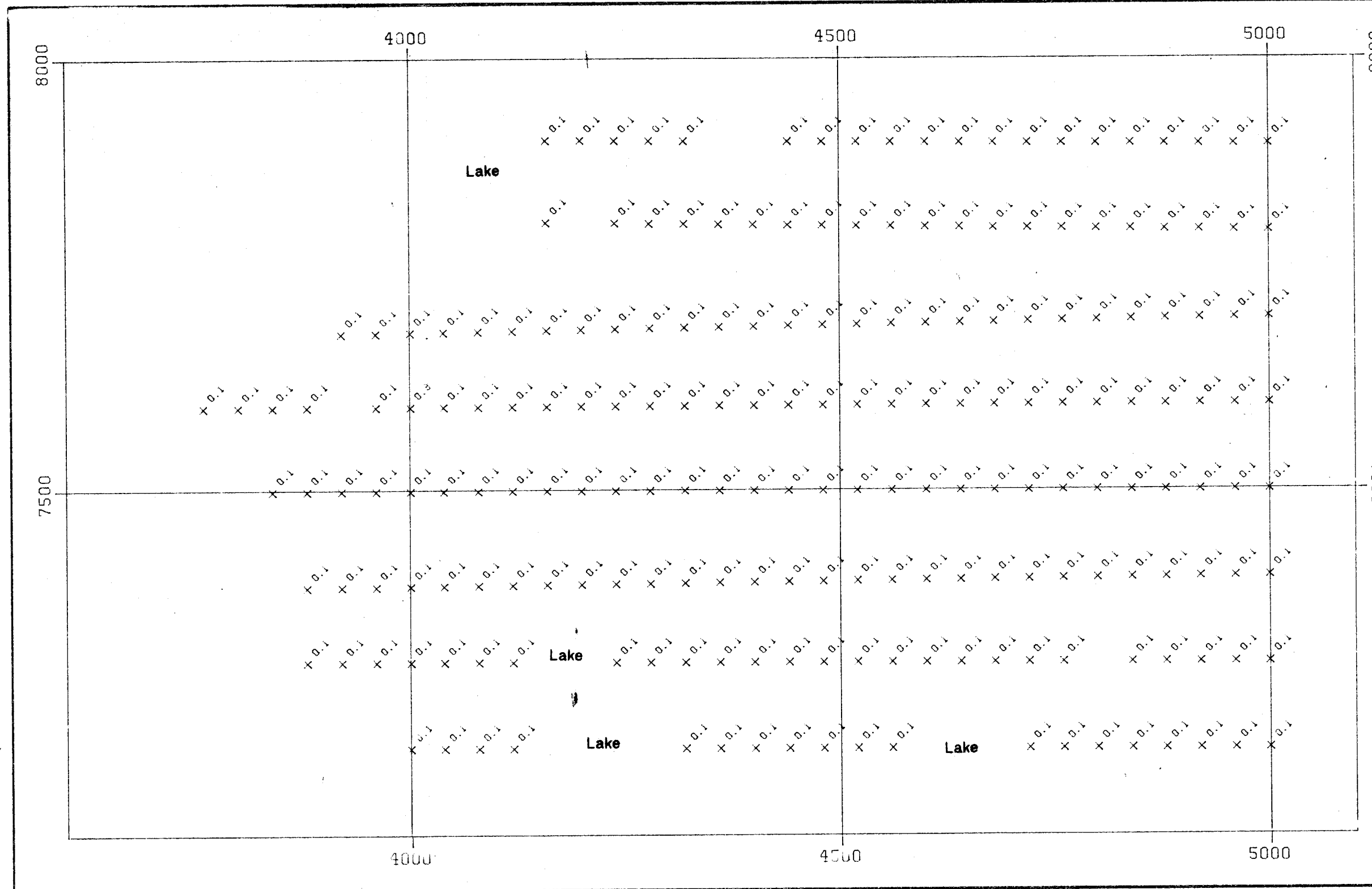
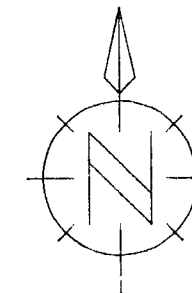


Fig. 6-2

DRAWN BJR		PLACER DOME INC.	
DATE 97:11:16		PRECISELY V215	
SCALE 1:5000		AG GEOCHEMISTRY	
		NORTHWEST GRID	
		NO.	PLATE

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:

X POINTS: FIELD FILE
AU ASSAY.PLT

RESULTS in PPM

- 0.01 = < 0.02 ppm
- - 0.05 PPM to 0.09 PPM
- - > 0.10 PPM

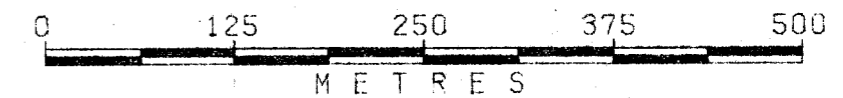
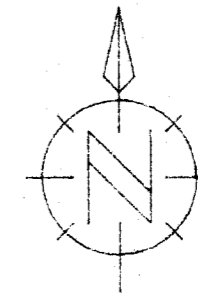
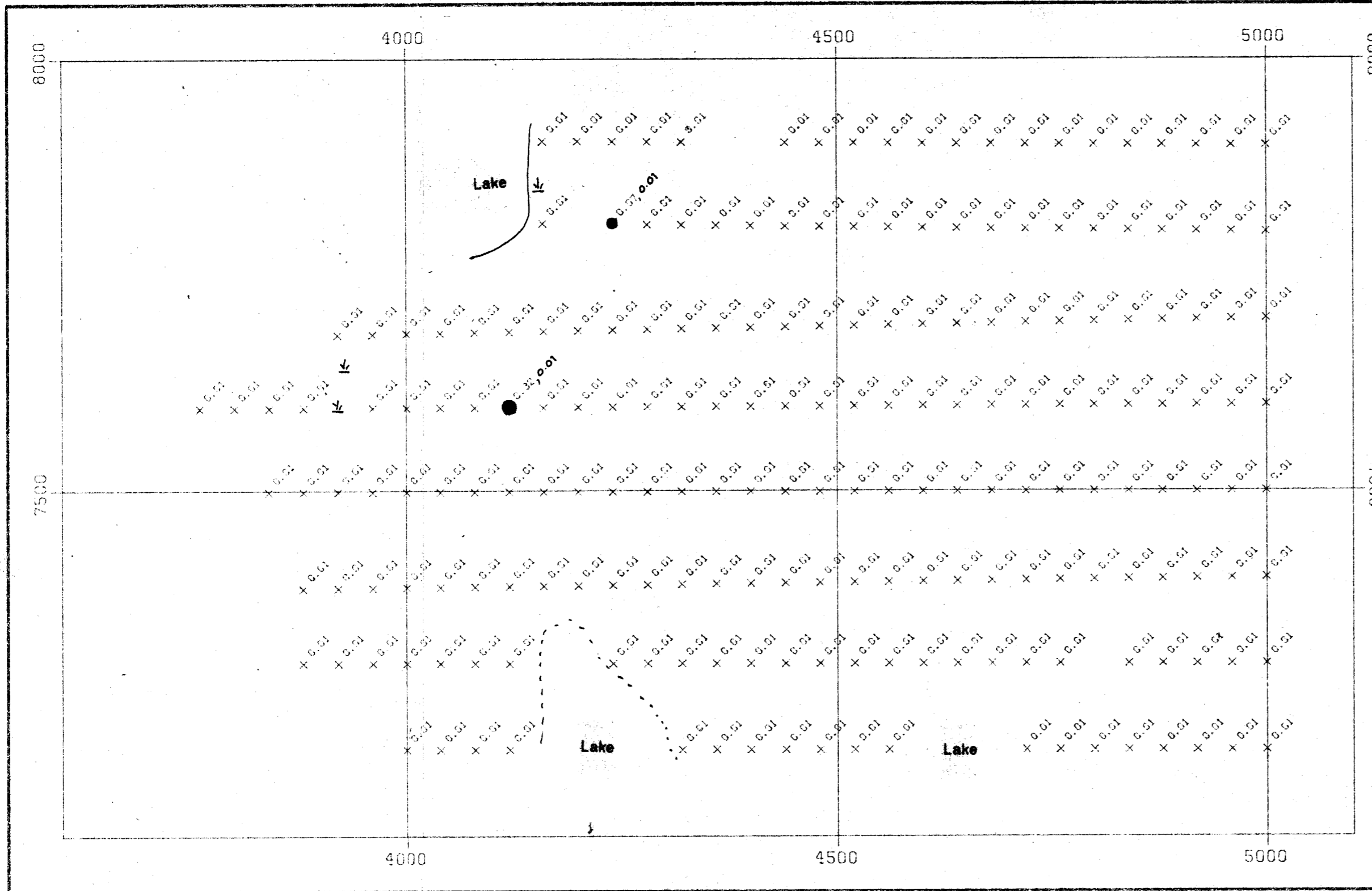
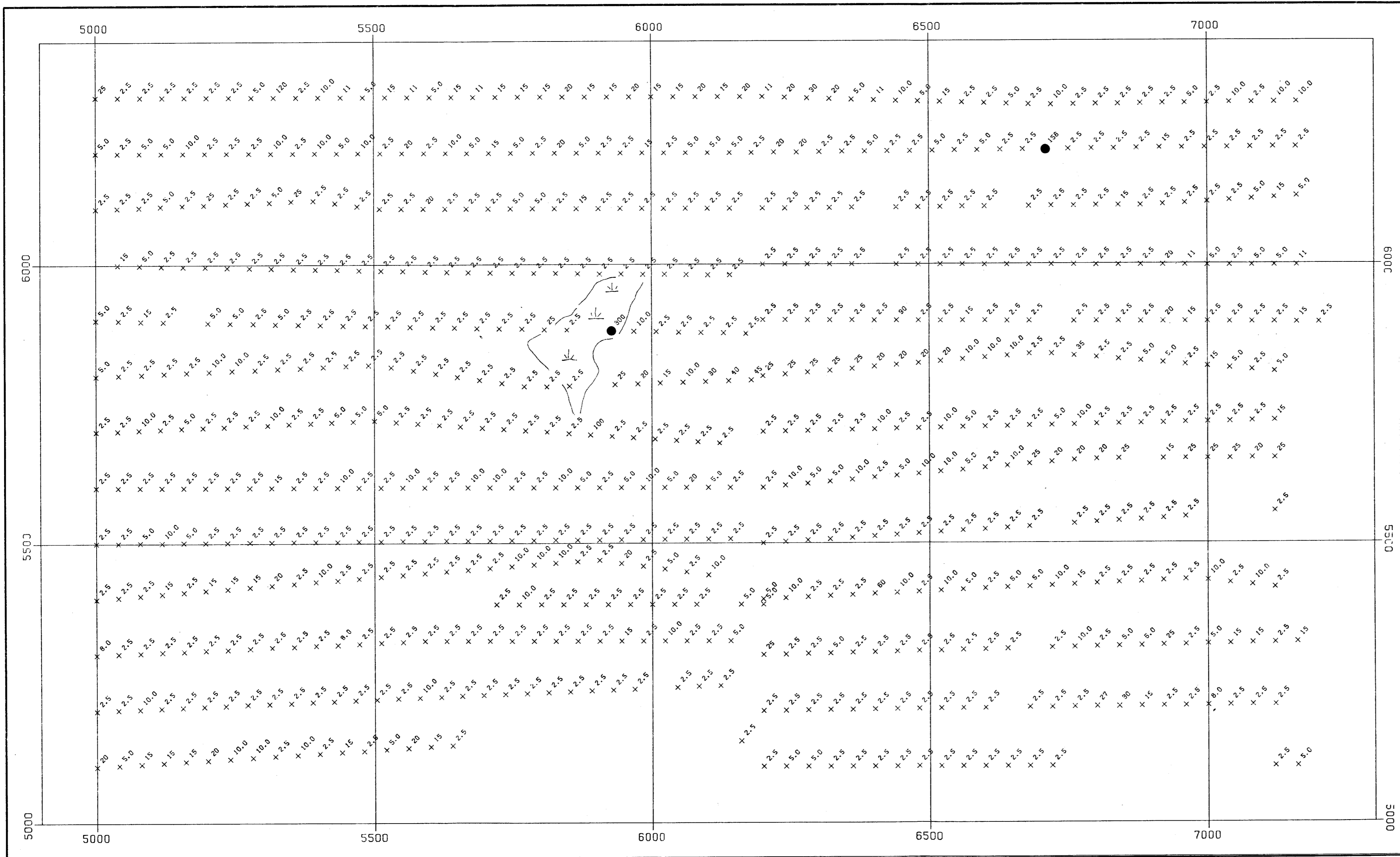


Fig. 6-1



DRAWN BJR		PLACER DOME INC.	
DATE 87:10:20		PRECISELY V215	
SCALE 1:5000		AU GEOCHEMISTRY	
		NORTHWEST GRID	
		ND.	PLATE



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

2.5 = <5.0 PPB
● - >100 PPB

DATA PLOTTED ON THIS MAP:
FIELD FILE
x POINTS: HG ASSAY.PLI

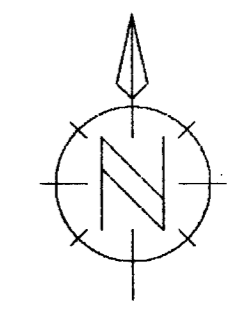
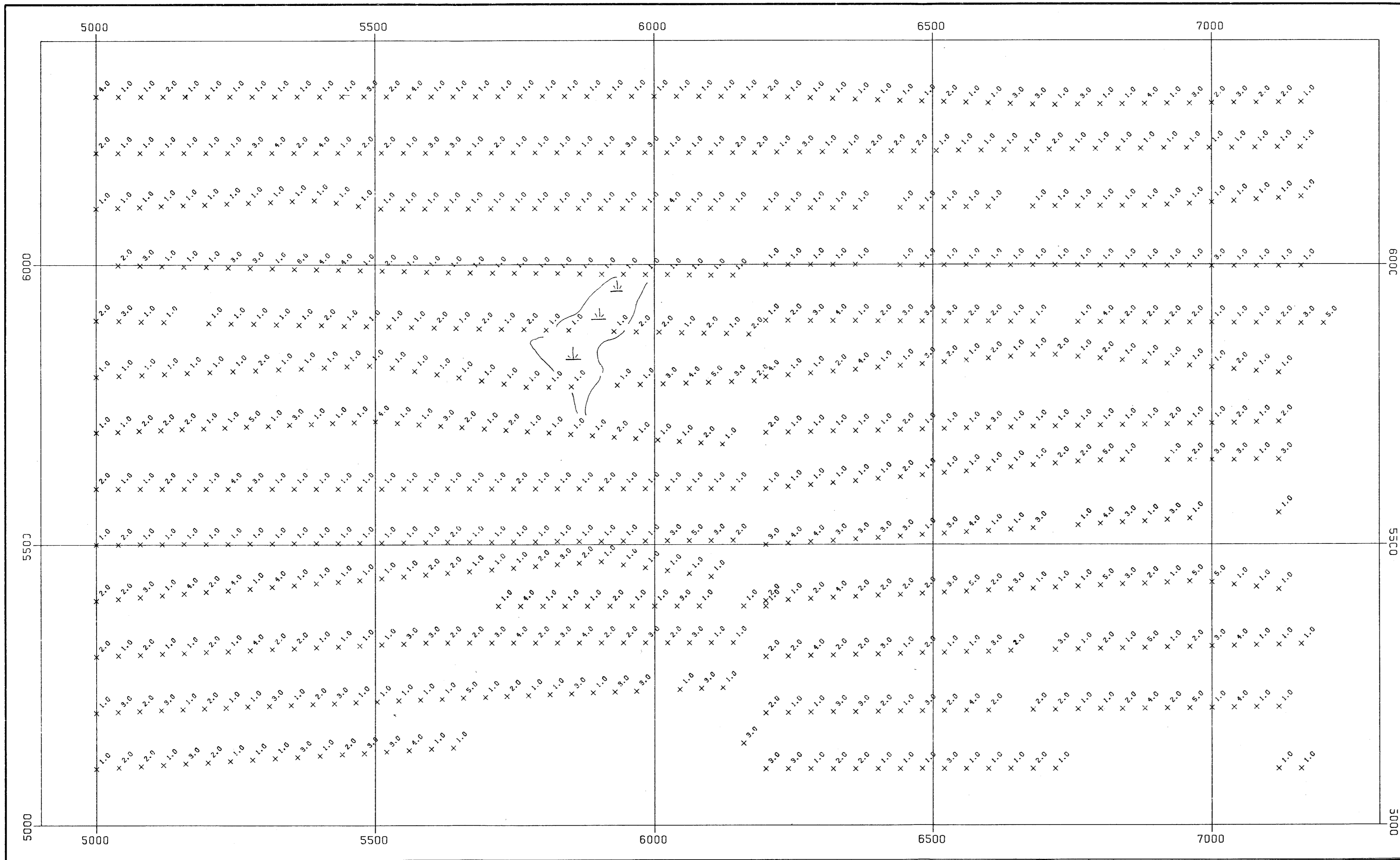


Fig. 5-4

DRAWN BJR		PLACER DOME INC.	
DATE 87:10:20		PRECISELY V215	
SCALE 1:5000		HG GEOCHEMISTRY	
		SOUTHEAST GRID	
NO.			PLATE



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

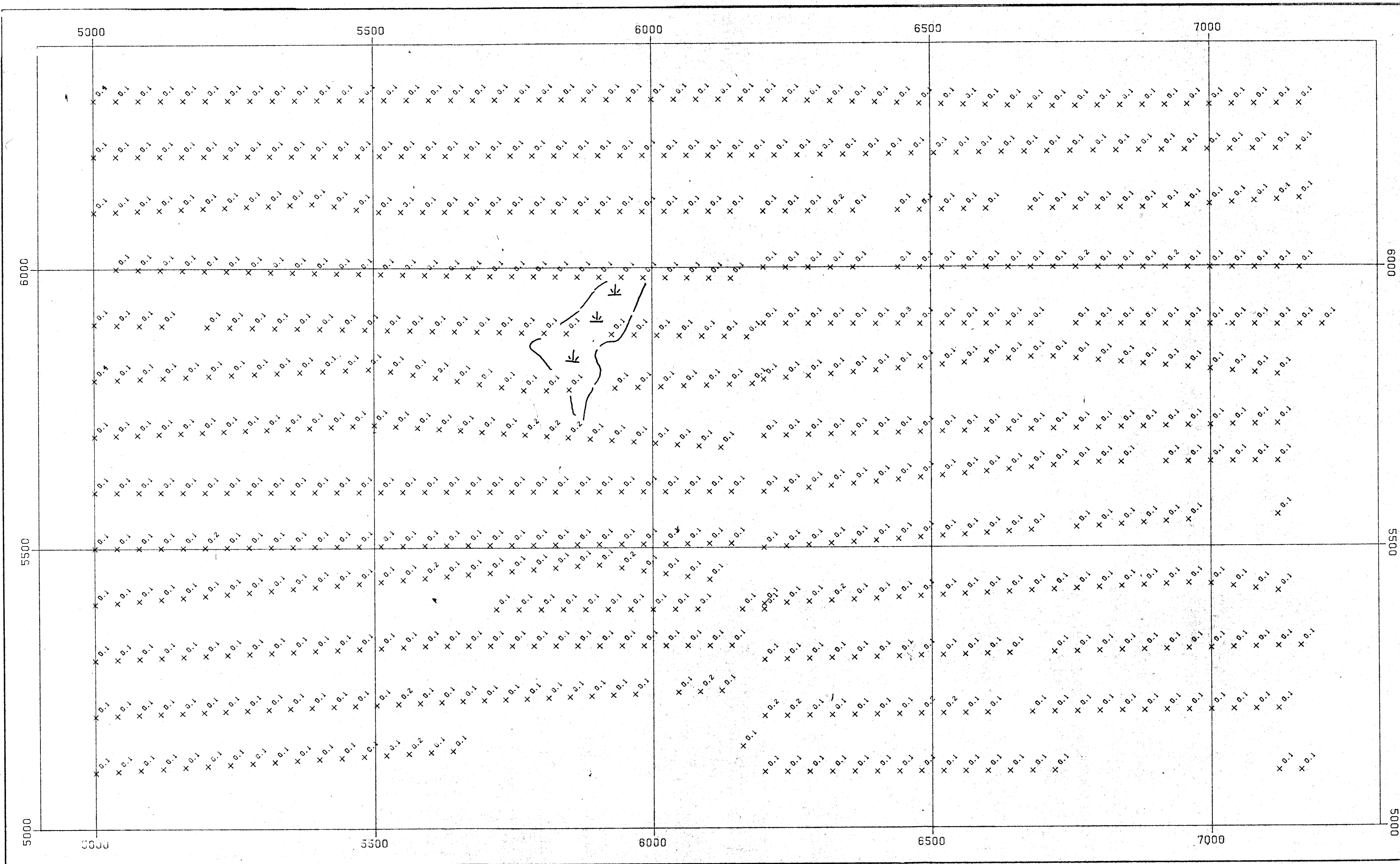
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FIELD FILE
 X PUNIS: AS H5SHY.PLI
 1.0 = <2.0 PPM



Fig. 5-3

DRAWN BJR		PLACER DOME INC.	
DATE 87:10:20		PRECISELY V215	
SCALE 1:5000		AS GEOCHEMISTRY	
		SOUTHEAST GRID	
NO.		PLATE	



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER1 IE/EXPL/PRECIS/GEOCHEM

FIELD FILE
 x POINTS: AG ASSAY.PLT

0.01 = 0.20 PPM

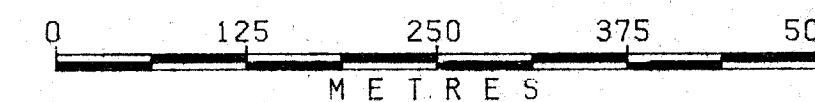
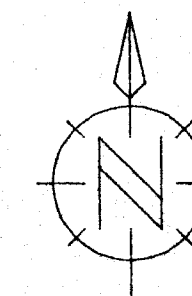
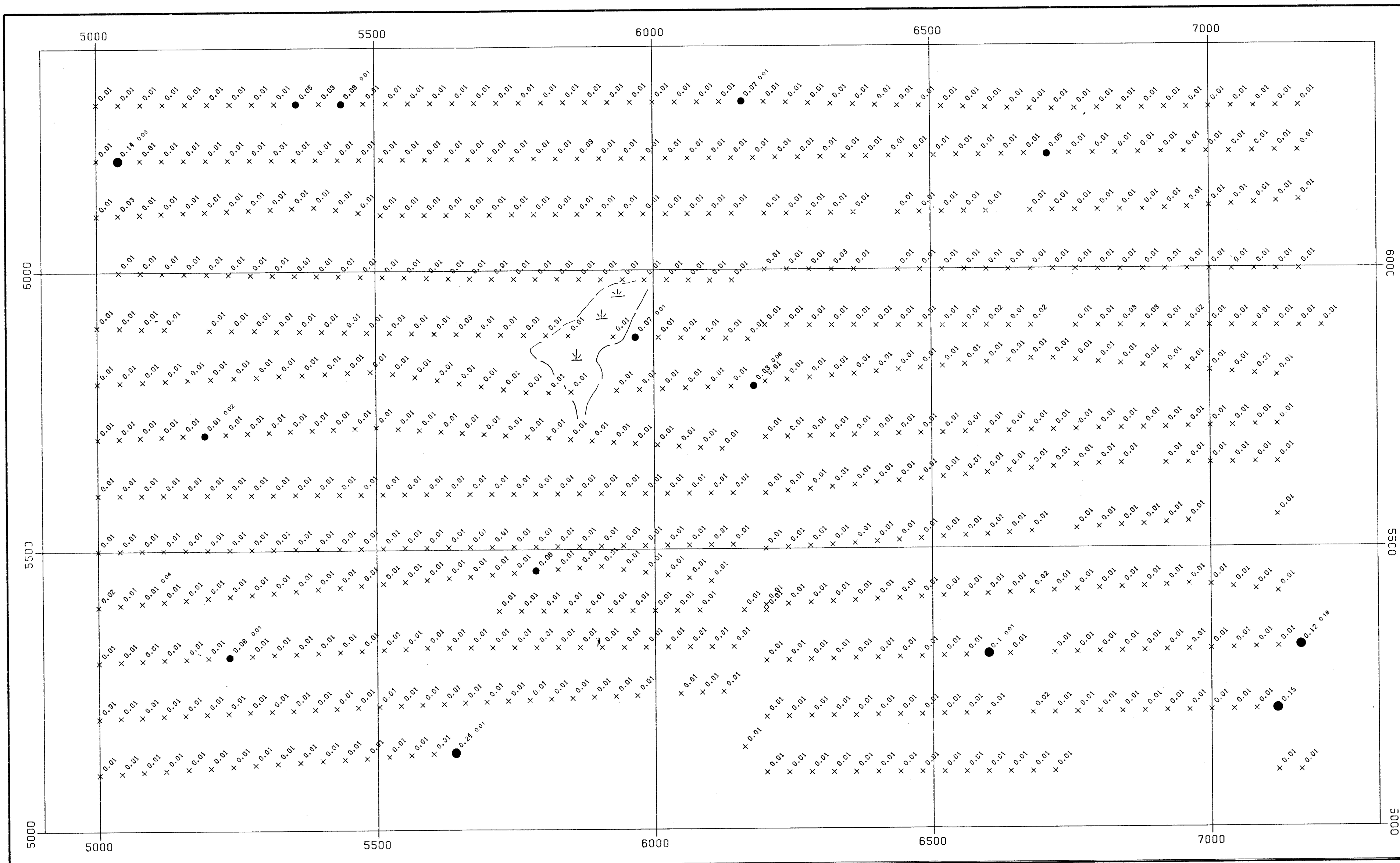


Fig. 5-2

DRAWN BJR		PLACER DOME INC.	
DATE 87:11:16		PRECISELY V215	
SCALE 1:5000		AG GEOCHEMISTRY	
		SOUTHEAST GRID	
NO.			PLATE



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

- 0.01 = <0.02 PPM
- - 0.05 to 0.10 PPM
- - >0.10 PPM

DATA PLOTTED ON THIS MAP:

FIELD FILE
 x PUNIS: AU HSSHV.PLI

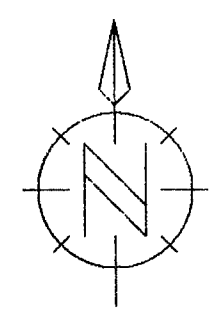
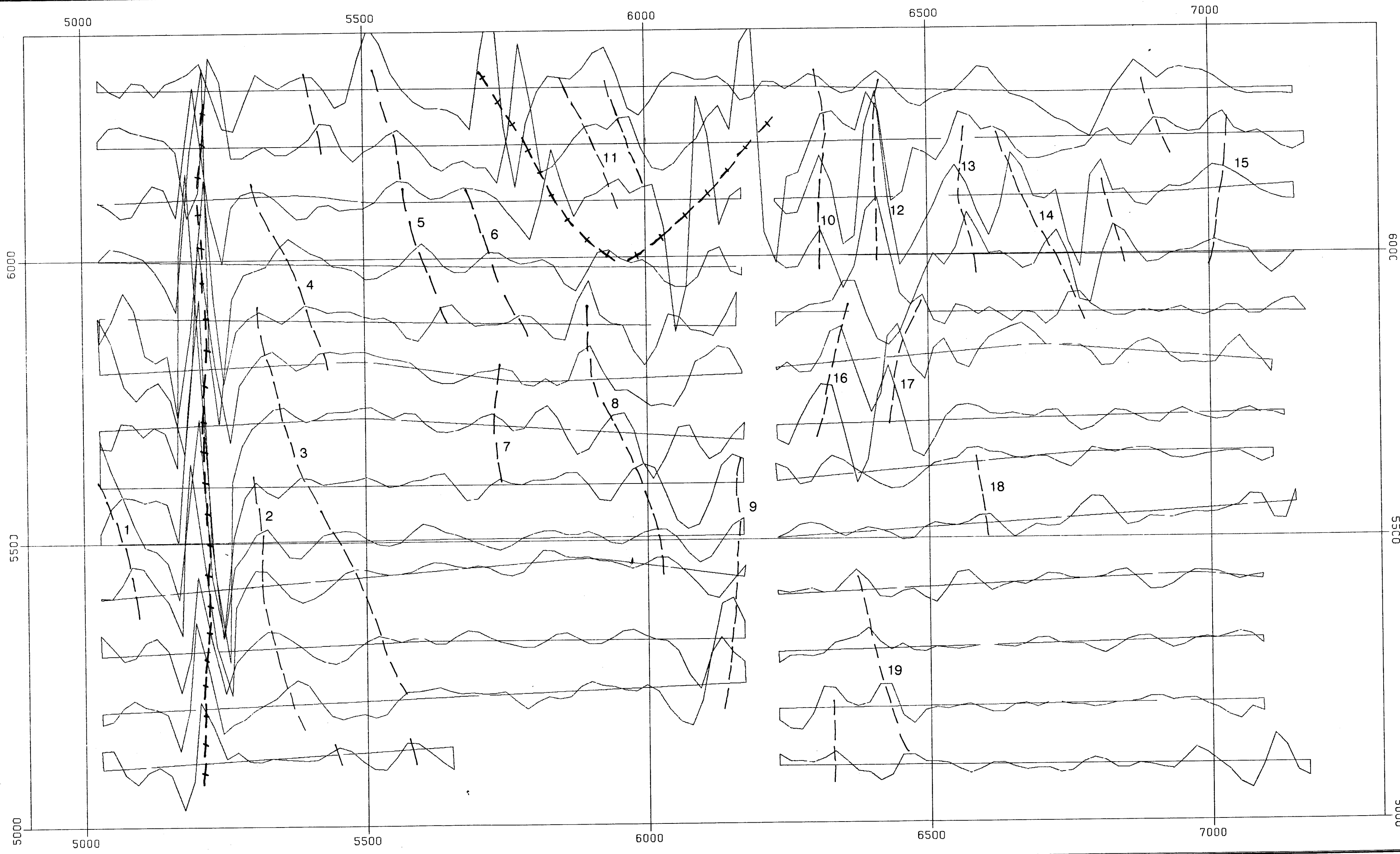


Fig. 5-1

DRAWN		BJR		PLACER DOME INC.	
DATE		87:10:20		PRECISELY V215	
SCALE		1:5000		AU GEOCHEMISTRY	
				SOUTHEAST GRID	
NO.				PLATE	



- - - - VLF CONDUCTORS
 + + + FENCE

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER1 1E/EXPL/PRECIS/GEOPHY

FIELD FILE
 PROFILES: 1P 1PS.M
 SCALE: 20.0 UNITS / CM
 BASE LEVEL: 0.0
 FRASER FILTER APPLIED

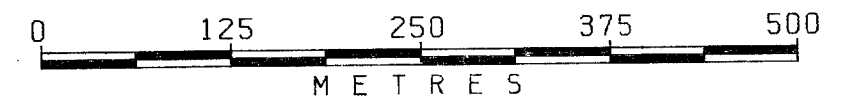
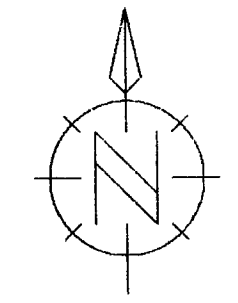
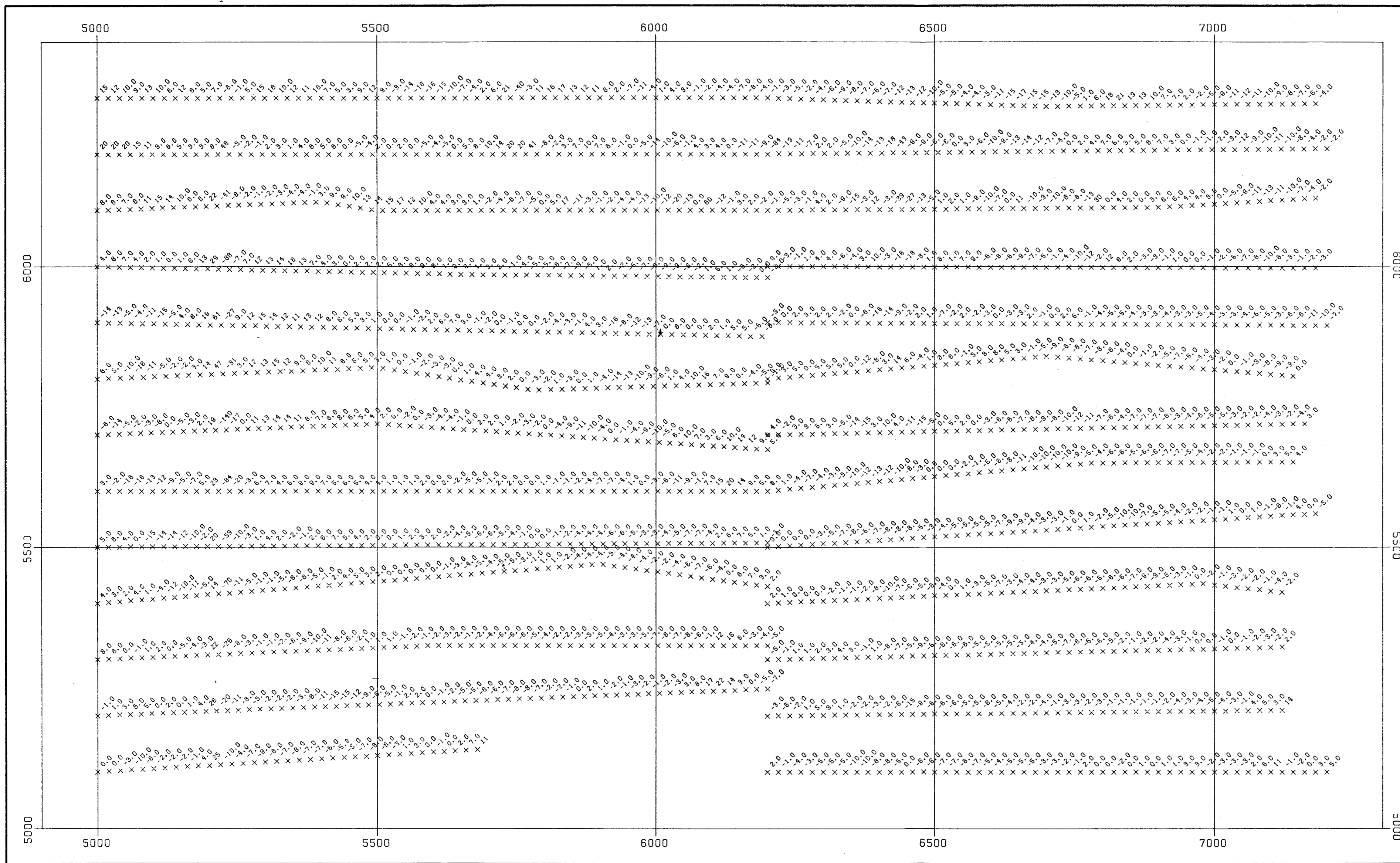


Fig. 10-2

PLACER DOME INC.	
PRECISELY S.E. GRID	
1987 VLF FRASER FILTER PROFILES	
DRAWN RWC DATE 87:11:19 SCALE 1:5000	NO. _____ PLATE _____



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER1 IE/EXPL/PRECIS/GEOPHY

FIELD FILE
 x PUNIS: IP IPS.M

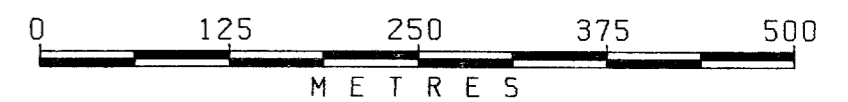
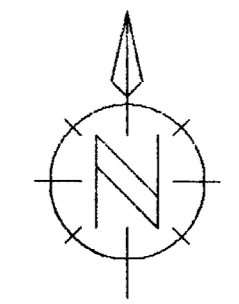
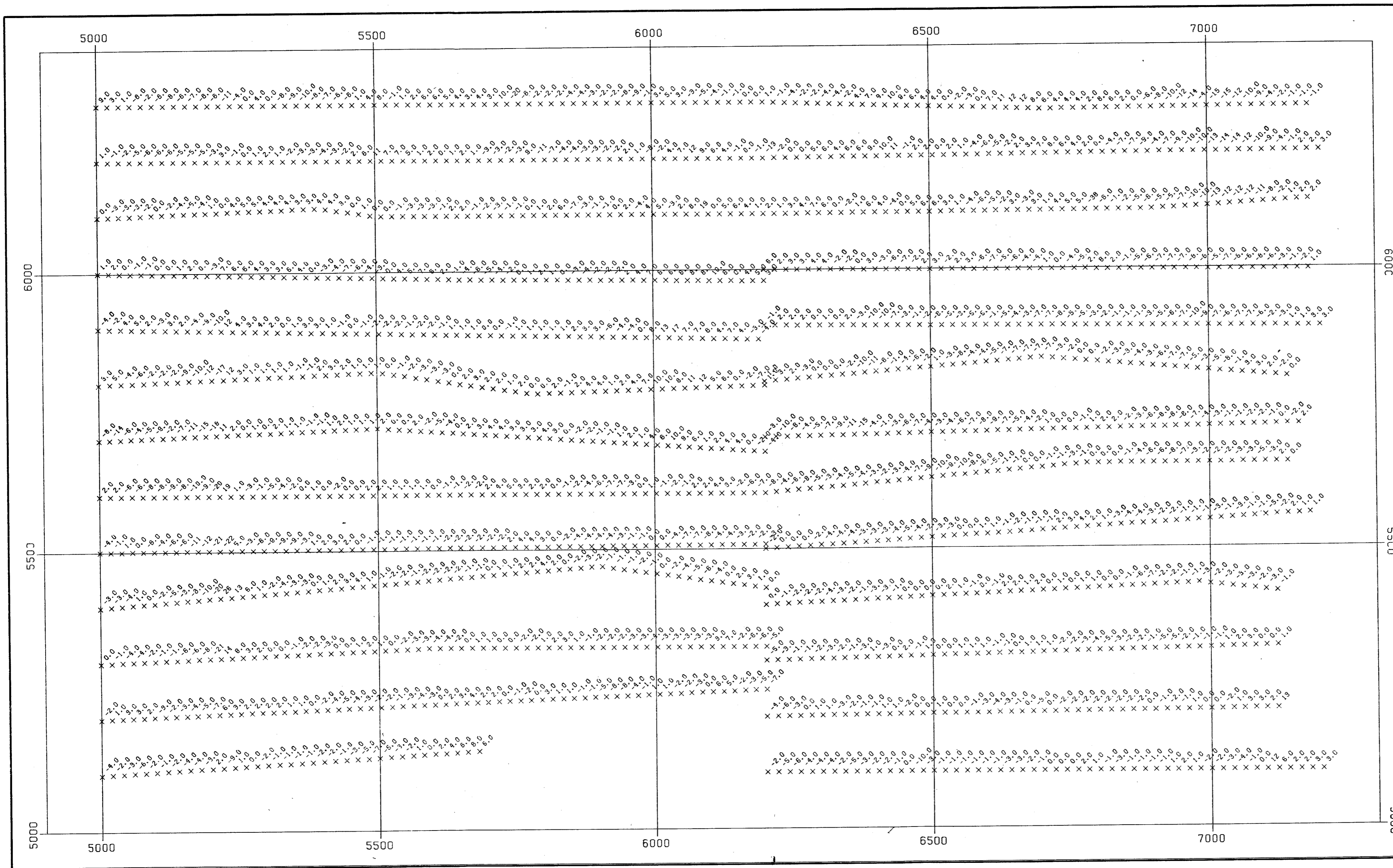


FIG. 10-3

DRAWN RWC		PLACER DOME INC.	
DATE 87:11:02		PRECISELY PROJECT	
SCALE 1:5000		POSTED VLF IP DATA (SE GRID)	
NO.		PLATE	



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER1 IE/EXPL/PRECIS/GEOPHY

FIELD FILE
 X POINTS: QD QDS.M

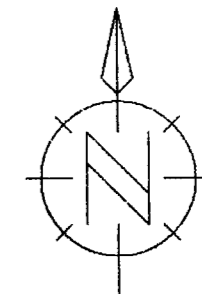
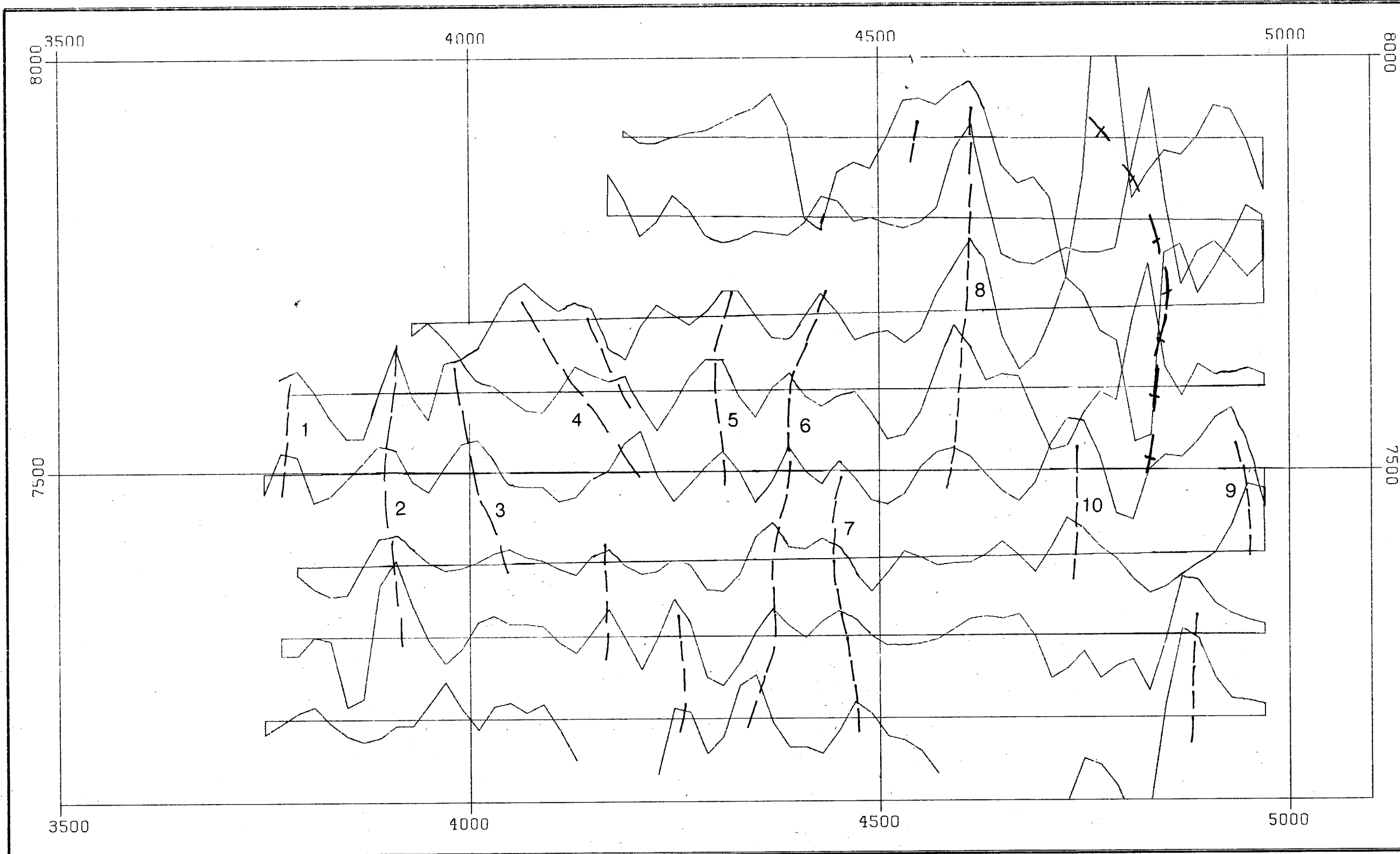


FIG. 10-4



DRAWN RWC		PLACER DOME INC.	
DATE 87:11:02		PRECISELY PROJECT	
SCALE 1:5000		POSTED VLF QD DATA (SE GRID)	
		NO.	PLATE

16,617



DATA PLOTTED ON THIS MAP:
DIRECTORY: /PLACER1 IE/EXPL/PRECIS/GEOPHY

FIELD FILE
PROFILES: 1P 1PS.M
SCALE: 20.0 UNITS / CM
BASE LEVEL: 0.0
FRASER FILTER APPLIED

 FENCE
 VLF CONDUCTORS

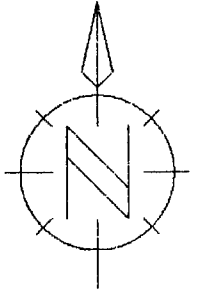
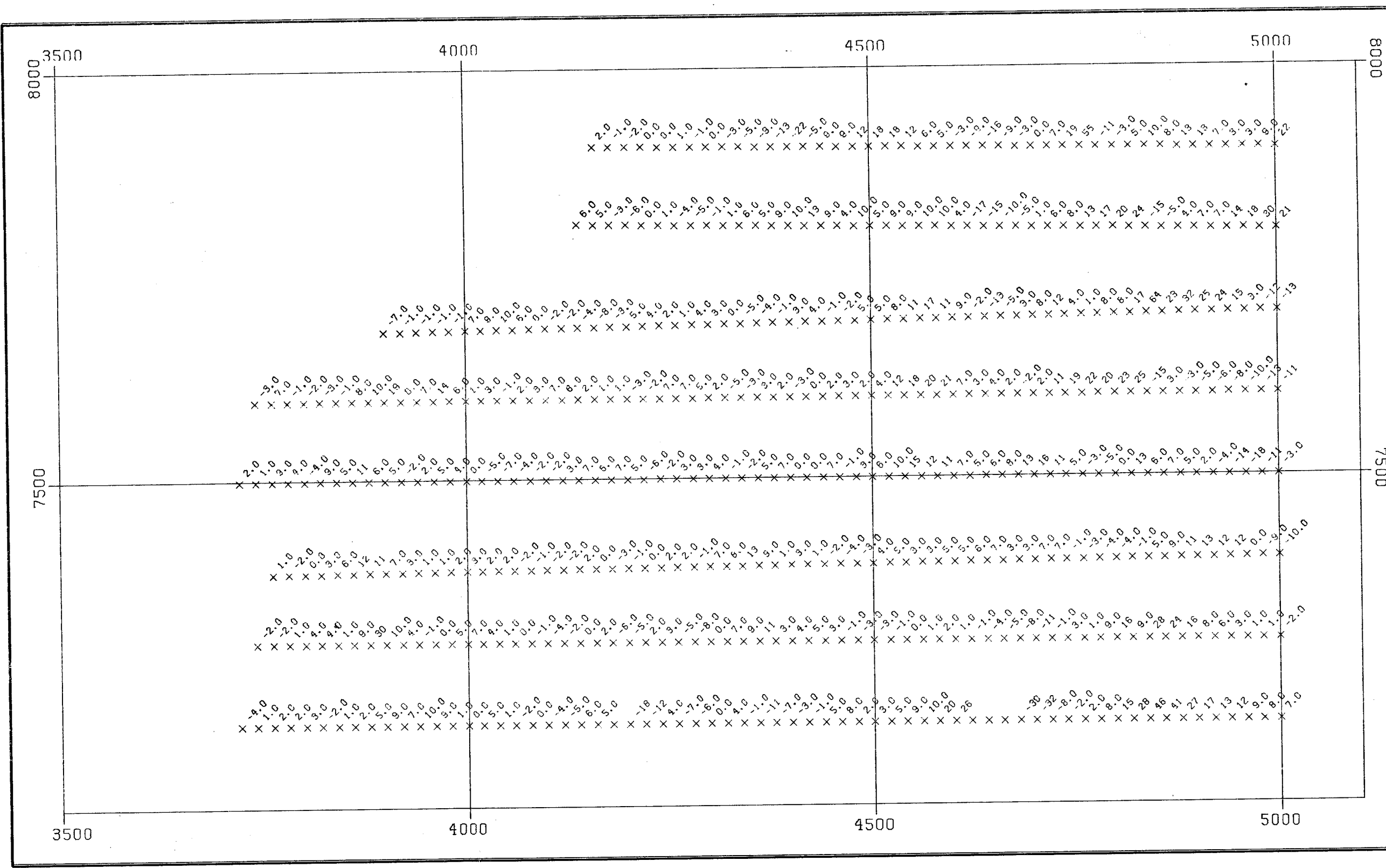


Fig. 11-2

DRAWN RWC		PLACER DOME INC.	
DATE 87:11:19		PRECISELY N.W. GRID	
SCALE 1:5000		1987 VLF FRASER FILTER PROFILES	
NO.		PLATE	

16,617



DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER1 IE/EXPL/PRECIS/GEOPHY

FIELD FILE
 x PUNIS: IP IPS.M

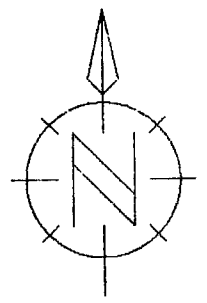
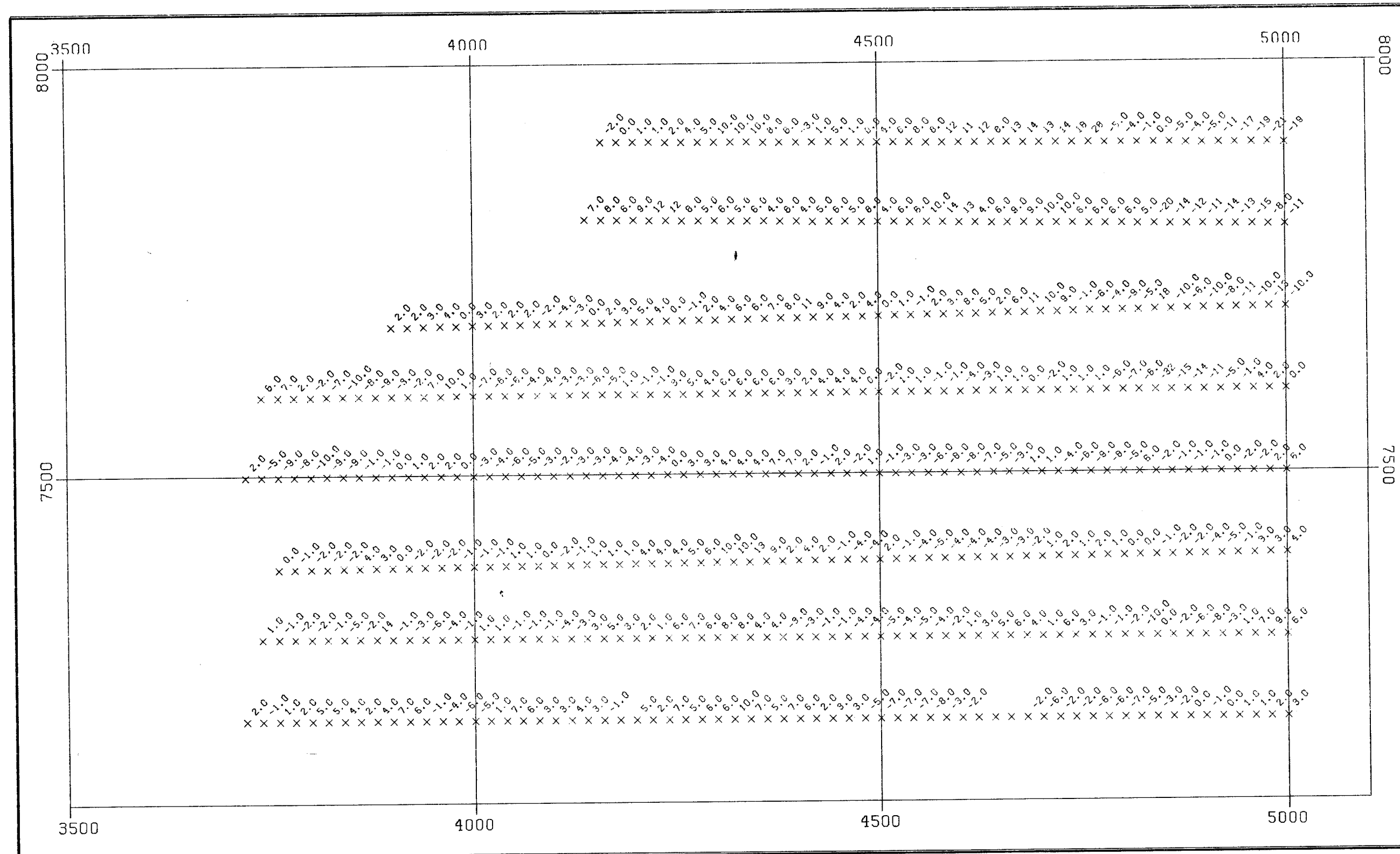


FIG. 11-3

DRAWN		RWC	PLACER DOME INC.	
DATE		87:11:02	PRECISELY PROJECT	
SCALE		1:5000	POSTED VLF IP DATA (NW GRID)	
			NO.	PLATE

16,617



DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER1 IE/EXPL/PRECIS/GEOPHY
 X PUNIS: FIELD FILE
 QD QDS.M

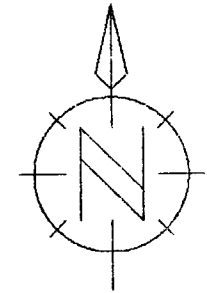
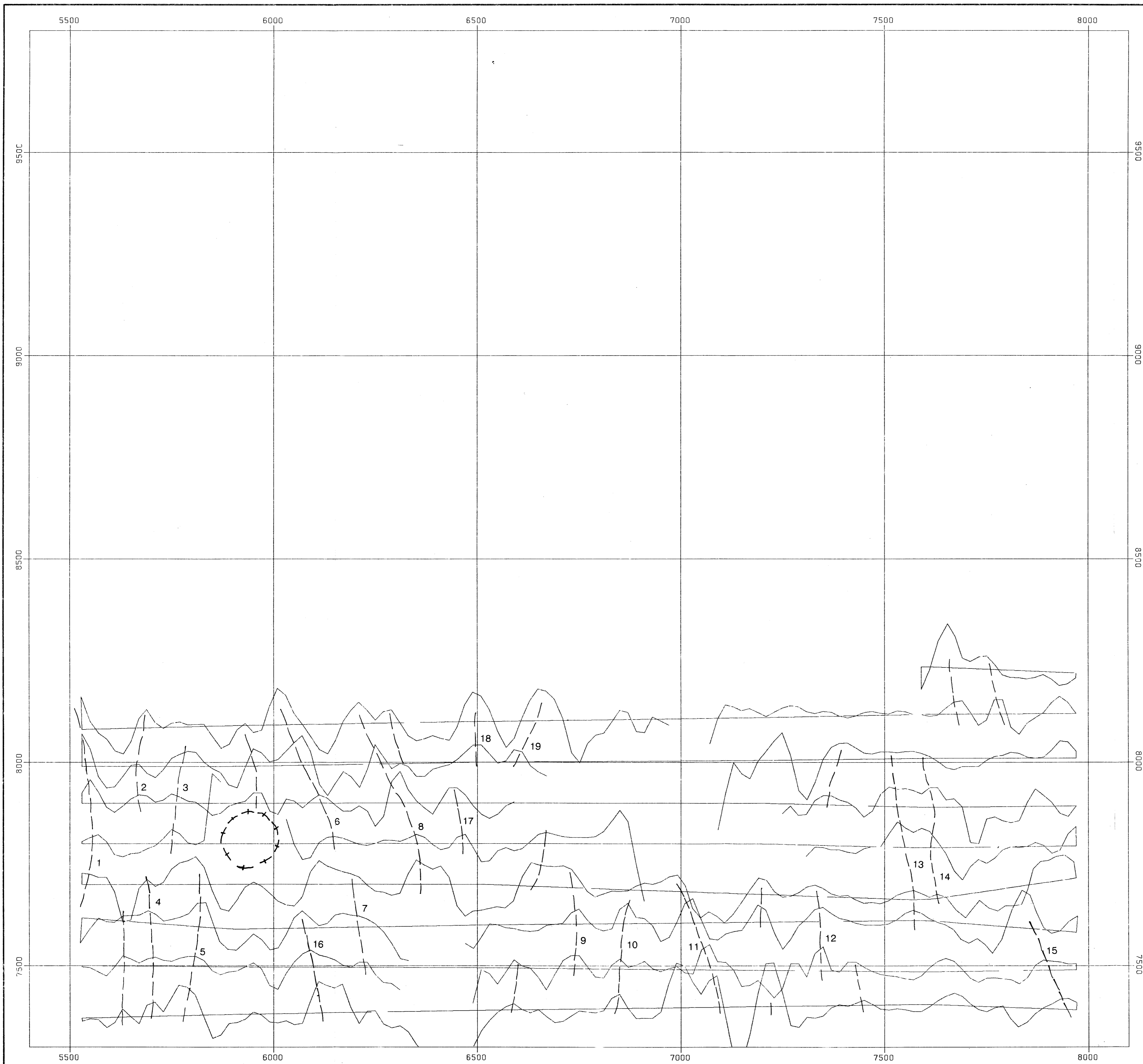




FIG. 11-4

DRAWN RWC		PLACER DOME INC.	
DATE 87:11:02		PRECISELY PROJECT	
SCALE 1:5000		POSTED VLF QD DATA (NW GRID)	
		NO.	PLATE



 VLF CONDUCTORS
 FENCE

GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,617

DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER1 IE/EXPL/PRECIS/GEOPHY
 FIELD FILE
 PROFILES: 1P 1PS.M
 SCALE: 20.0 UNITS / CM
 BASE LEVEL: 0.0
 FRASER FILTER APPLIED

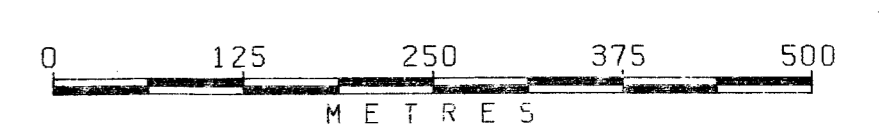
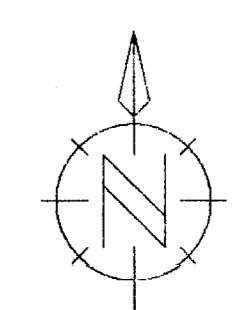
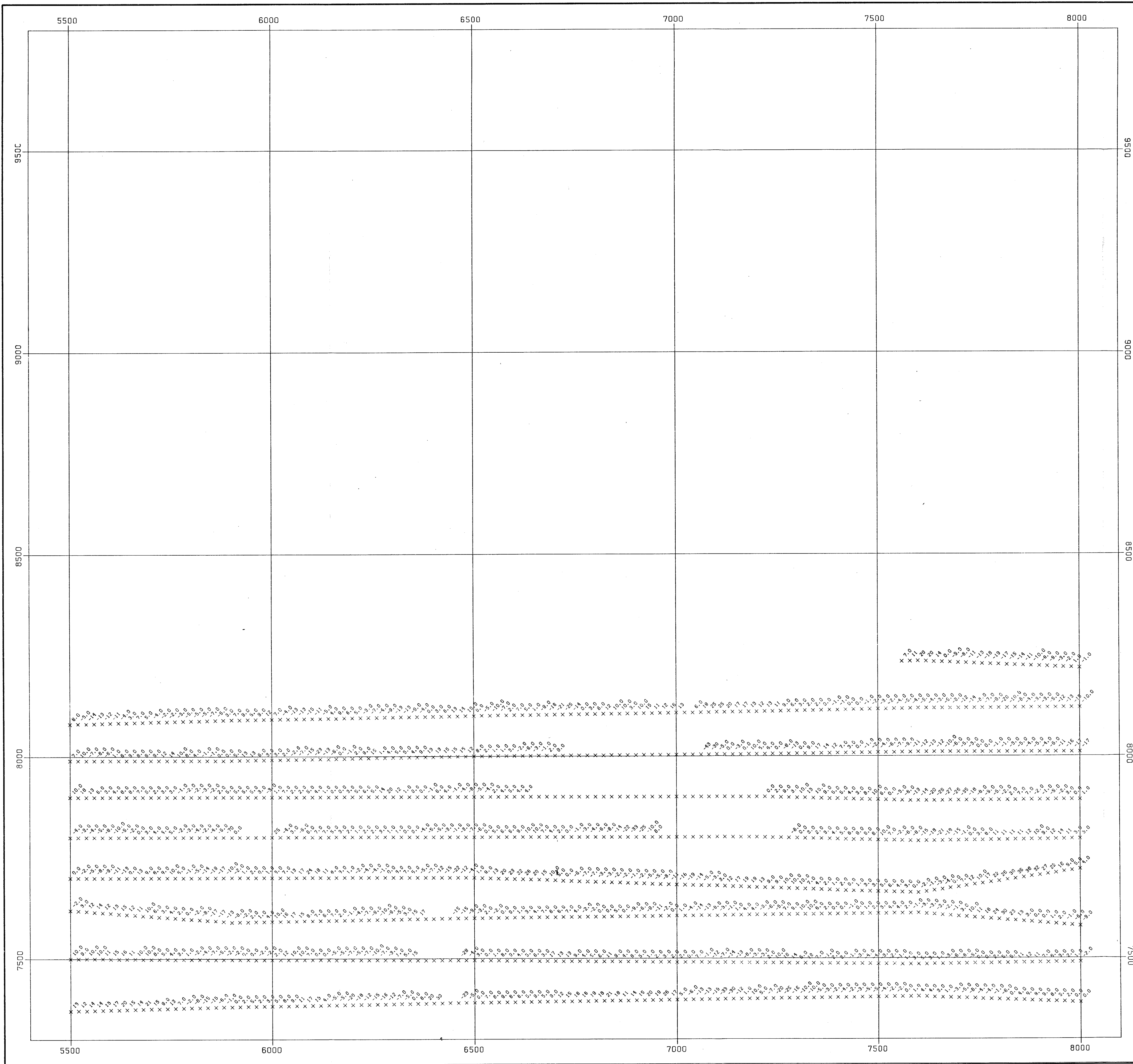


Fig. 12-2

DRAWN RWC		PLACER DOME INC.	
DATE 87:11:19		PRECISELY N.E. GRID	
SCALE 1:5000		1987 VLF FRASER FILTER PROFILES	
NO.		PLATE	



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER1 IE/EXPL/PRECIS/GEOPHY

FIELD FILE
 X PUNIS: 1P 1PS.M

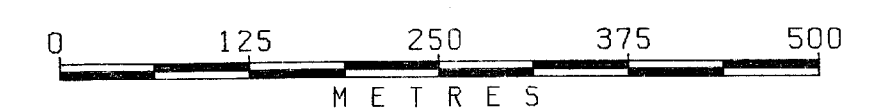
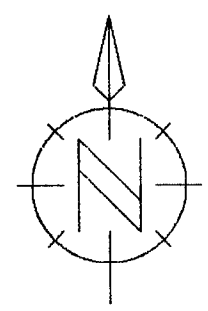
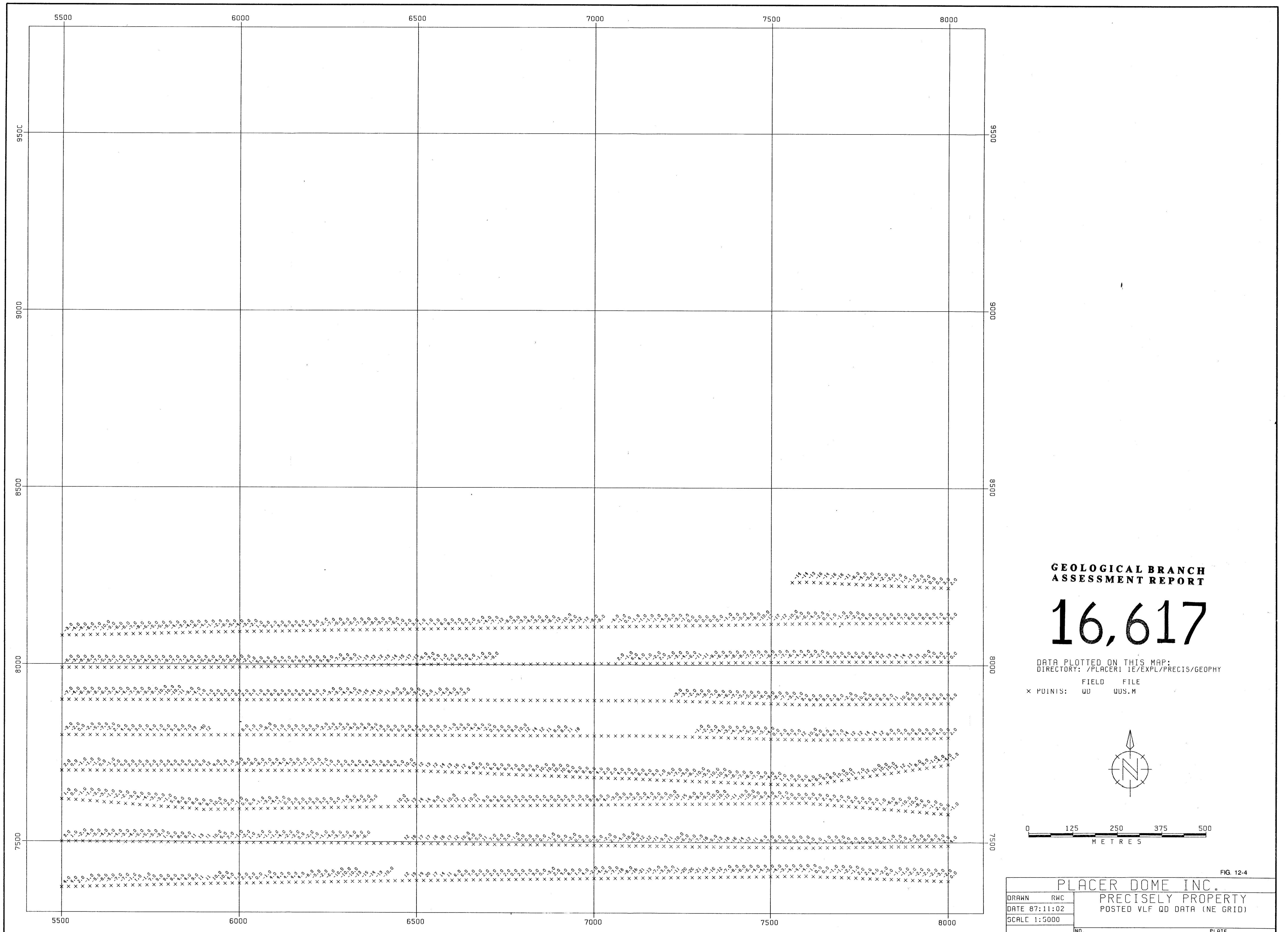


FIG. 12-3

DRAWN RWC		PLACER DOME INC.	
DATE 87:11:02		PRECISELY PROPERTY	
SCALE 1:5000		POSTED VLF IP DATA (NE GRID)	
NO.		PLATE	



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER1 IE/EXPL/PRECIS/GEOPHY

FIELD FILE
 X PUNIS: UD QUS.M

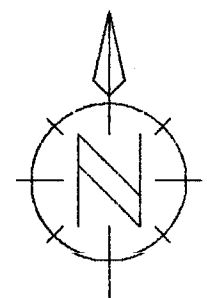
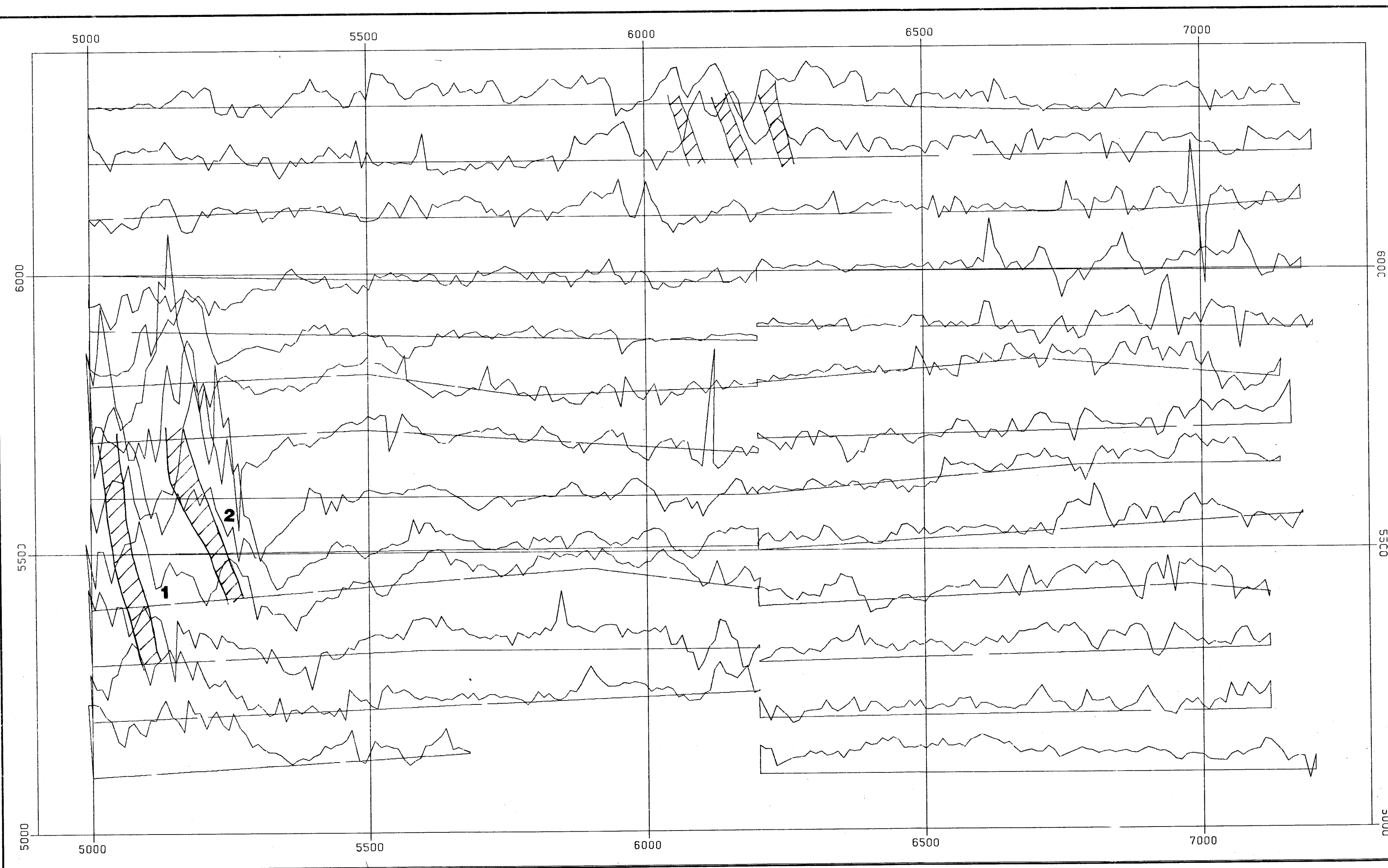


FIG. 12-4

DRAWN RMC		PLACER DOME INC.	
DATE 87:11:02		PRECISELY PROPERTY	
SCALE 1:5000		POSTED VLF QD DATA (NE GRID)	
NO.		PLATE	



MAGNETIC ANOMALY

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER1 IE/EXPL/PRECIS/GEOPHY

FIELD FILE
 PROFILES: MAG MAGS.M
 SCALE: 200 UNITS / CM
 BASE LEVEL: 57500

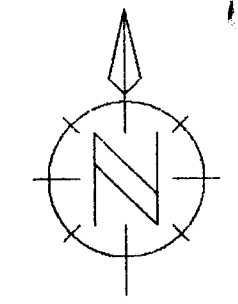
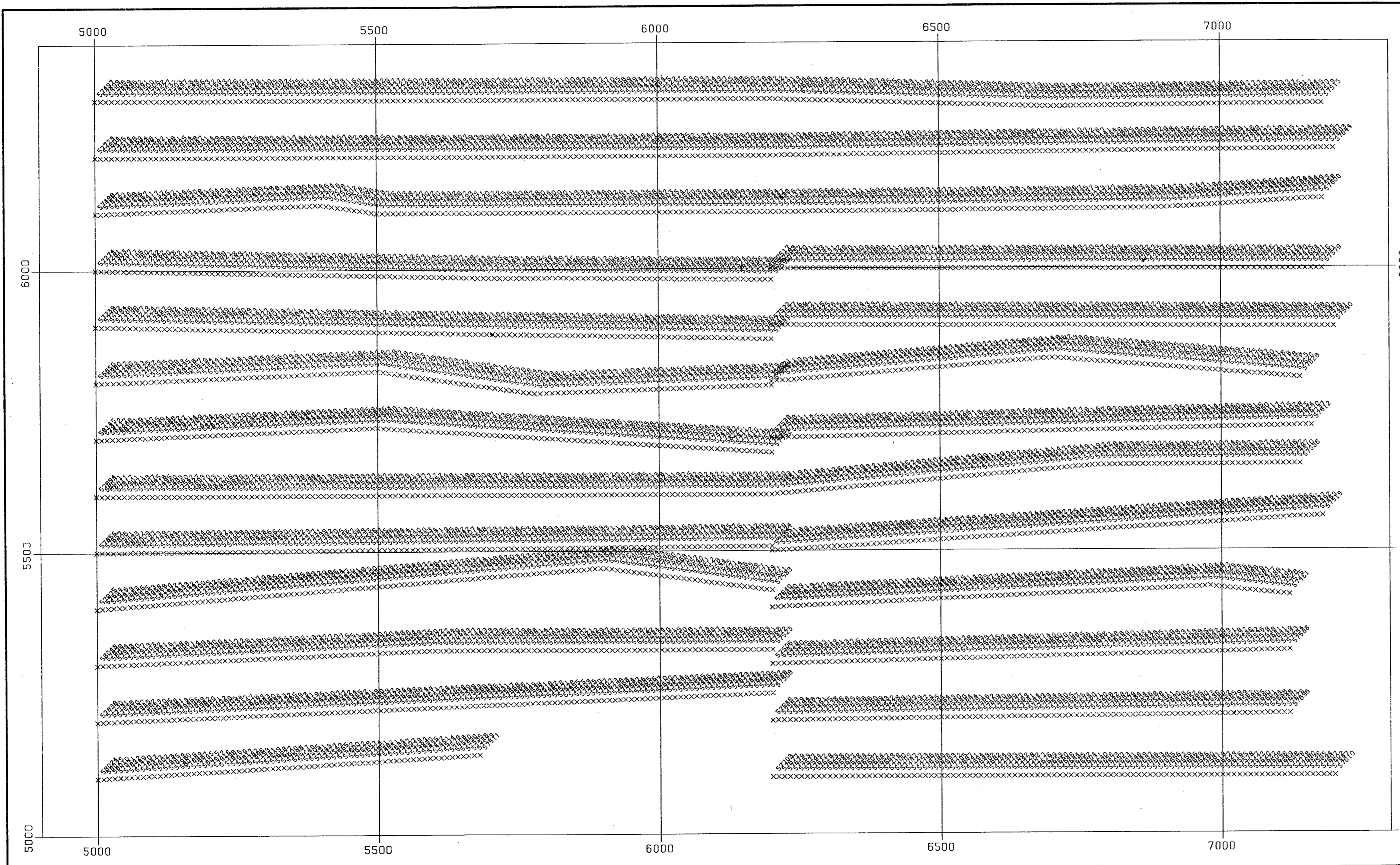


FIG. 10-1

DRAWN		RWC		PLACER DOME INC.	
DATE 87:11:18		PRECISELY S.E. GRID			
SCALE 1:5000		1987 MAGNETIC DATA PROFILES			
NO.		PLATE			



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER1 IE/EXPL/PRECIS/GEOPHY
 FIELD FILE
 x PUNIS: MAG MAGS.M

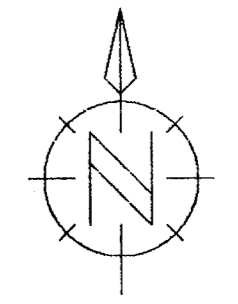
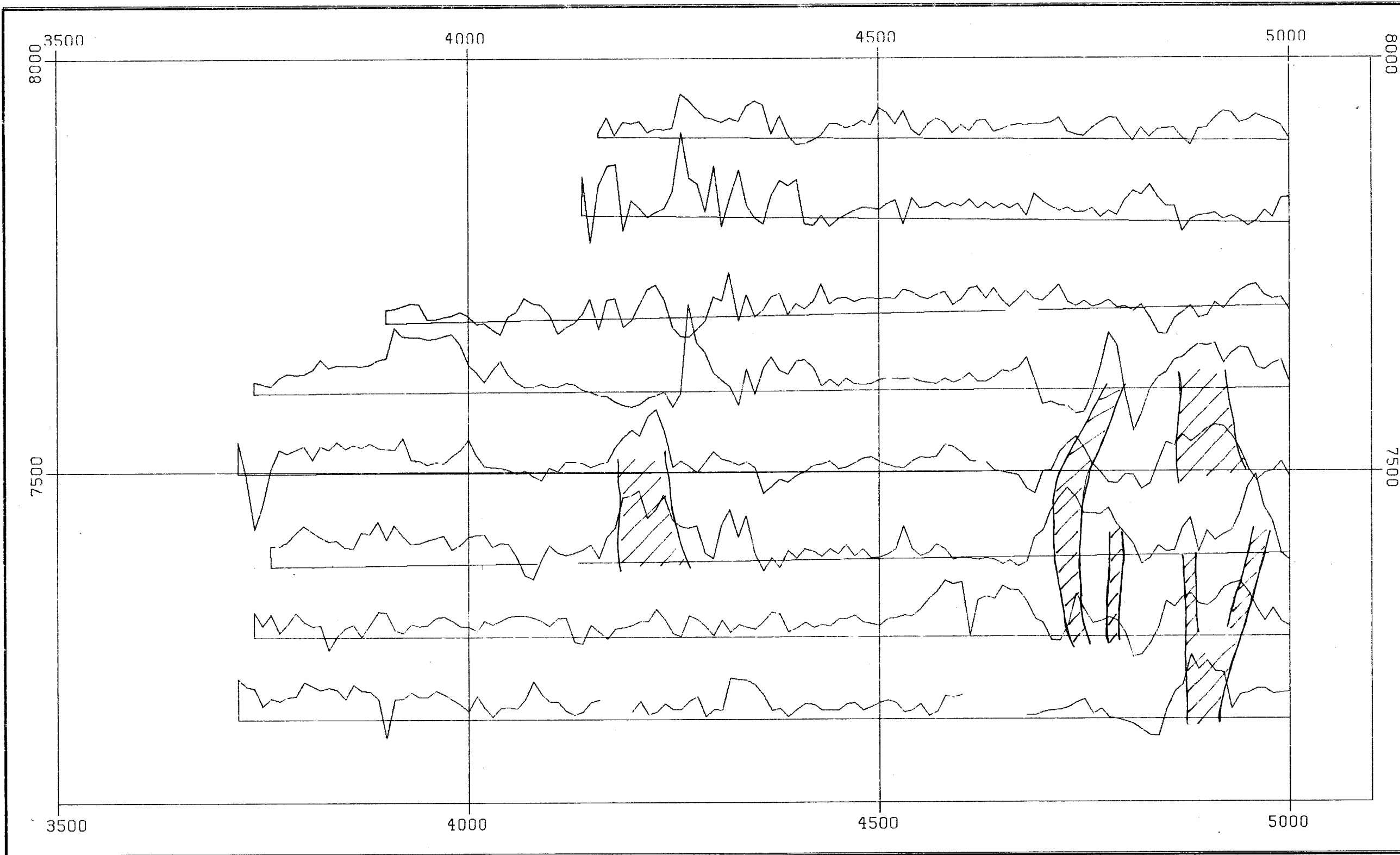


FIG. 10-5

DRAWN RWC		PLACER DOME INC.	
DATE 87:11:02		PRECISELY PROJECT	
SCALE 1:5000		POSTED MAGNETIC DATA (SE GRID)	
NO.			PLATE

16,617



DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER1 IE/EXPL/PRECIS/GEOPHY

FIELD	FILE
PROFILES: MAG	MAGS.M
SCALE:	200 UNITS / CM
BASE LEVEL:	57500

MAGNETIC ANOMALY

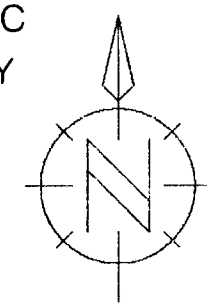
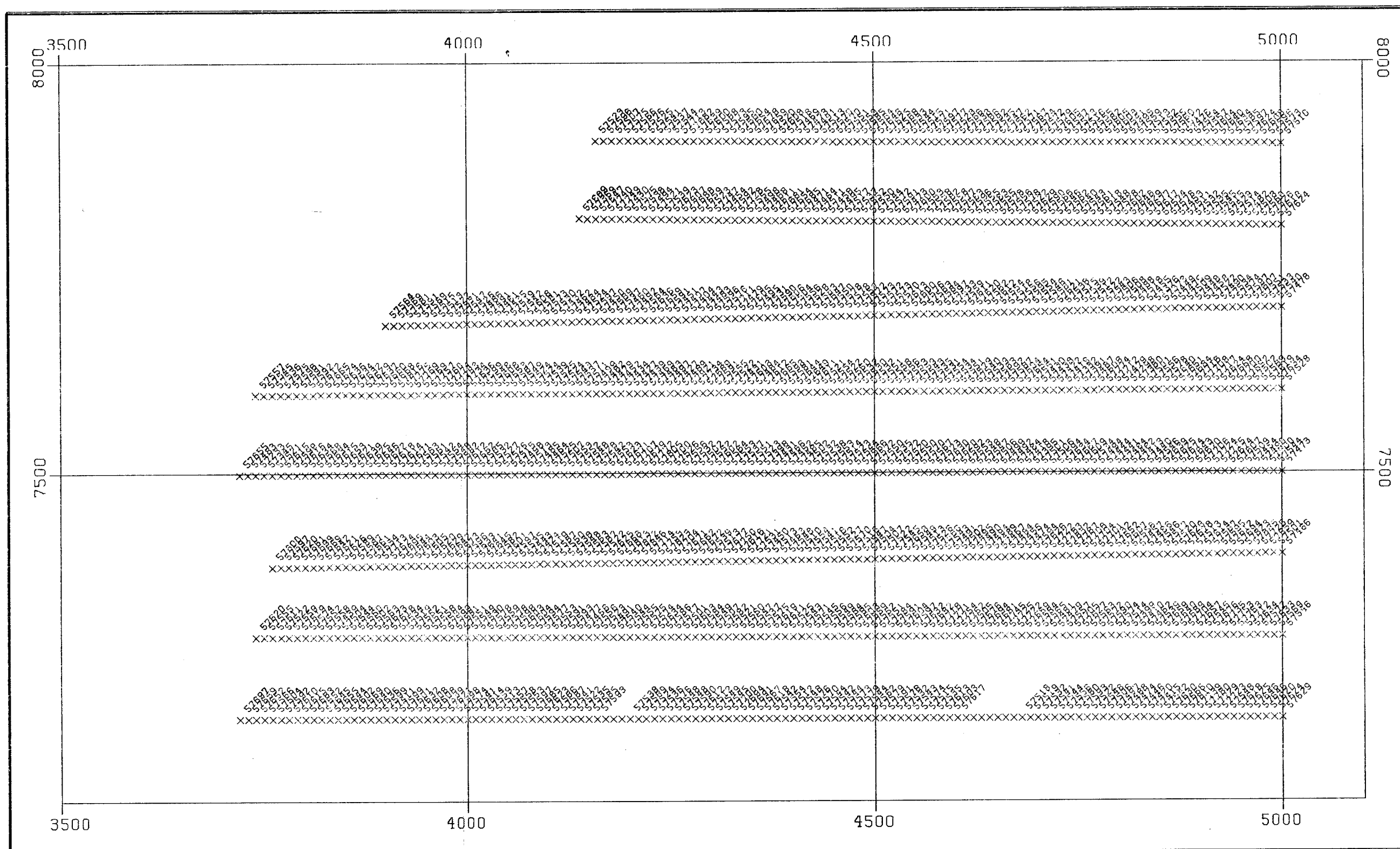


FIG. 11-1

DRAWN RWC		PLACER DOME INC.	
DATE 87:11:18		PRECISELY N.W. GRID	
SCALE 1:5000		1987 MAGNETIC DATA PROFILES	
		NO.	PLATE

16,617



DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER1 IE/EXPL/PRECIS/GEOPHY
 FIELD FILE
 x POINTS: MAG MAGS.M

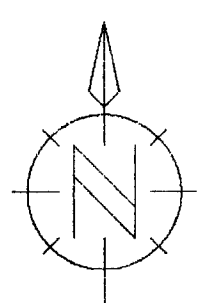
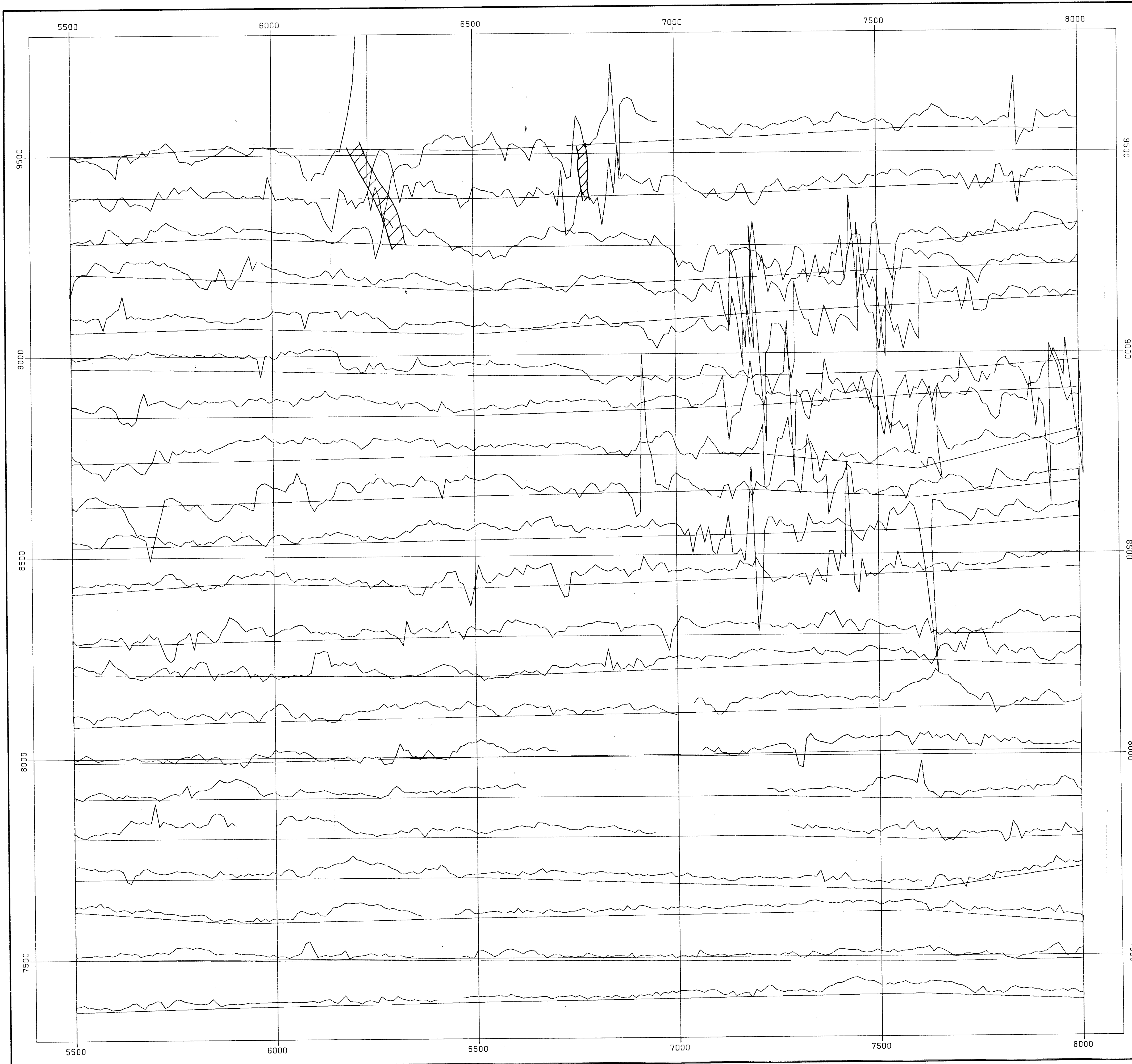


FIG. 11-5

DRAWN RWC		PLACER DOME INC.	
DATE 87:11:02		PRECISELY PROJECT	
SCALE 1:5000		POSTED MAGNETIC DATA (NW GRID)	
		NO.	PLATE



PRECISELY N.E. GRID
1987 MAGNETIC DATA
UNITS = NANOTESLA



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:
FIELD FILE
PROFILES: MAG MAGS.M
SCALE: 400 UNITS / CM
BASE LEVEL: 57500

DIRECTION OF NORTH AT CENTRE OF MAP

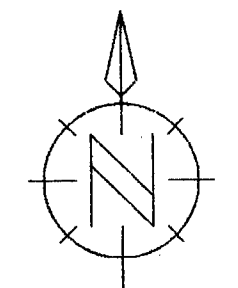
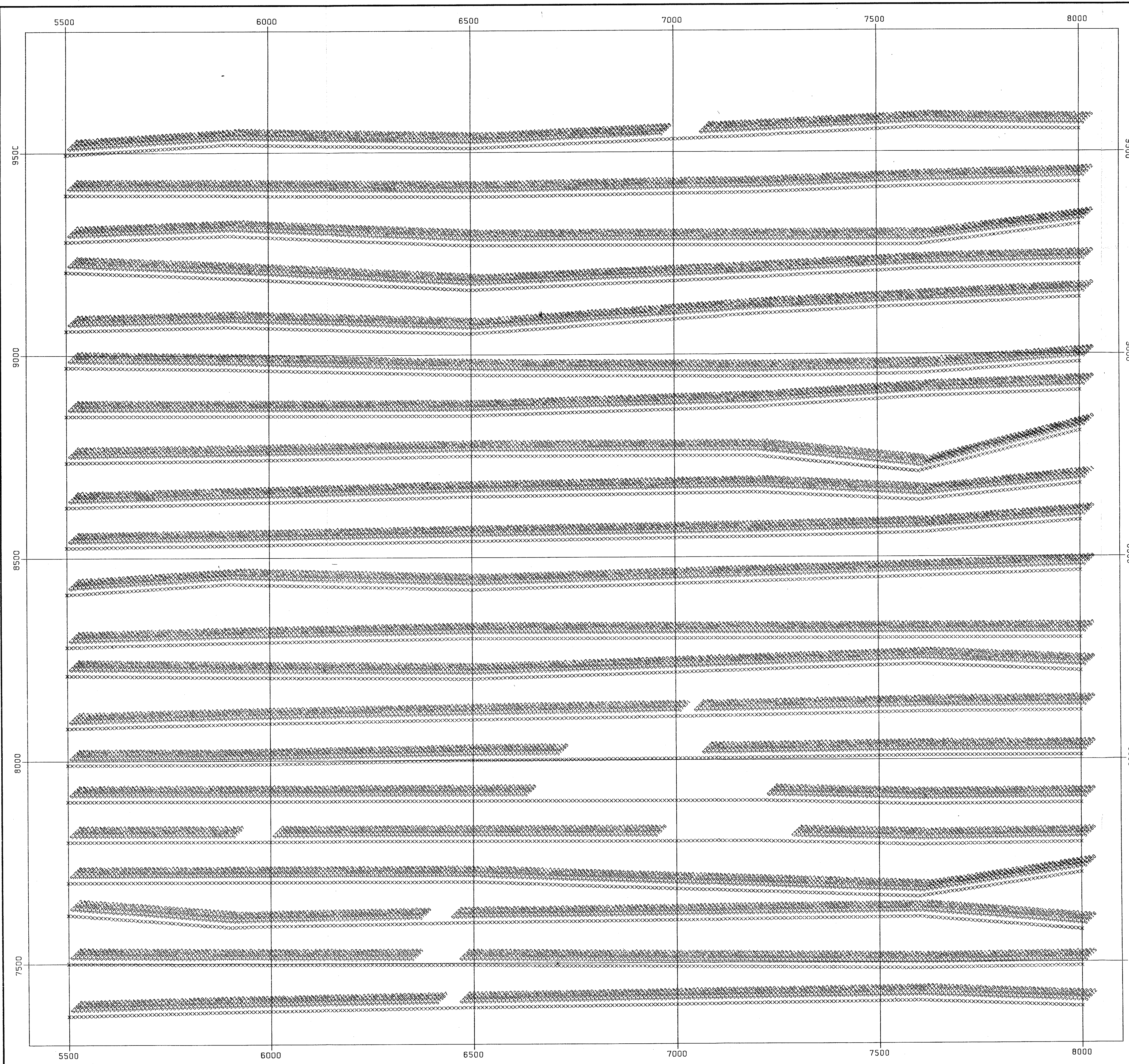


FIG. 12-1

DRAWN		RWC		PLACER DOME INC.	
DATE 87:08:18				PRECISELY N.E. GRID	
SCALE 1:5000				1987 MAGNETIC DATA PROFILES	
NO.				PLATE	



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,617

DATA PLOTTED ON THIS MAP:
 DIRECTORY: /PLACER IE/EXPL/PRECIS/GEOPHY
 FIELD FILE
 X POINTS: MAG MAGS.M

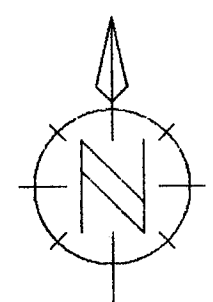


FIG. 12-5

DRAWN RWC		PLACER DOME INC.	
DATE 87:11:02		PRECISELY PROPERTY	
SCALE 1:5000		POSTED MAGNETIC DATA (NE GRID)	
NO.		PLATE	