85-910-14062

REPORT ON

GRID CONSTRUCTION, GEOCHEMISTRY AND GEOPHYSICS

ON THE

P.D.L. MINERAL CLAIM

OSOYOOS MINING DIVISION

N.T.S. 82 E 5

LATITUDE 49° 22' N LONGITUDE 119° 48' W

OWNER OF CLAIM

PLACER DEVELOPMENT LIMITED

OPERATOR

PLACER DEVELOPMENT LIMITED

R.J. YOUNG

NOVEMBER 1985

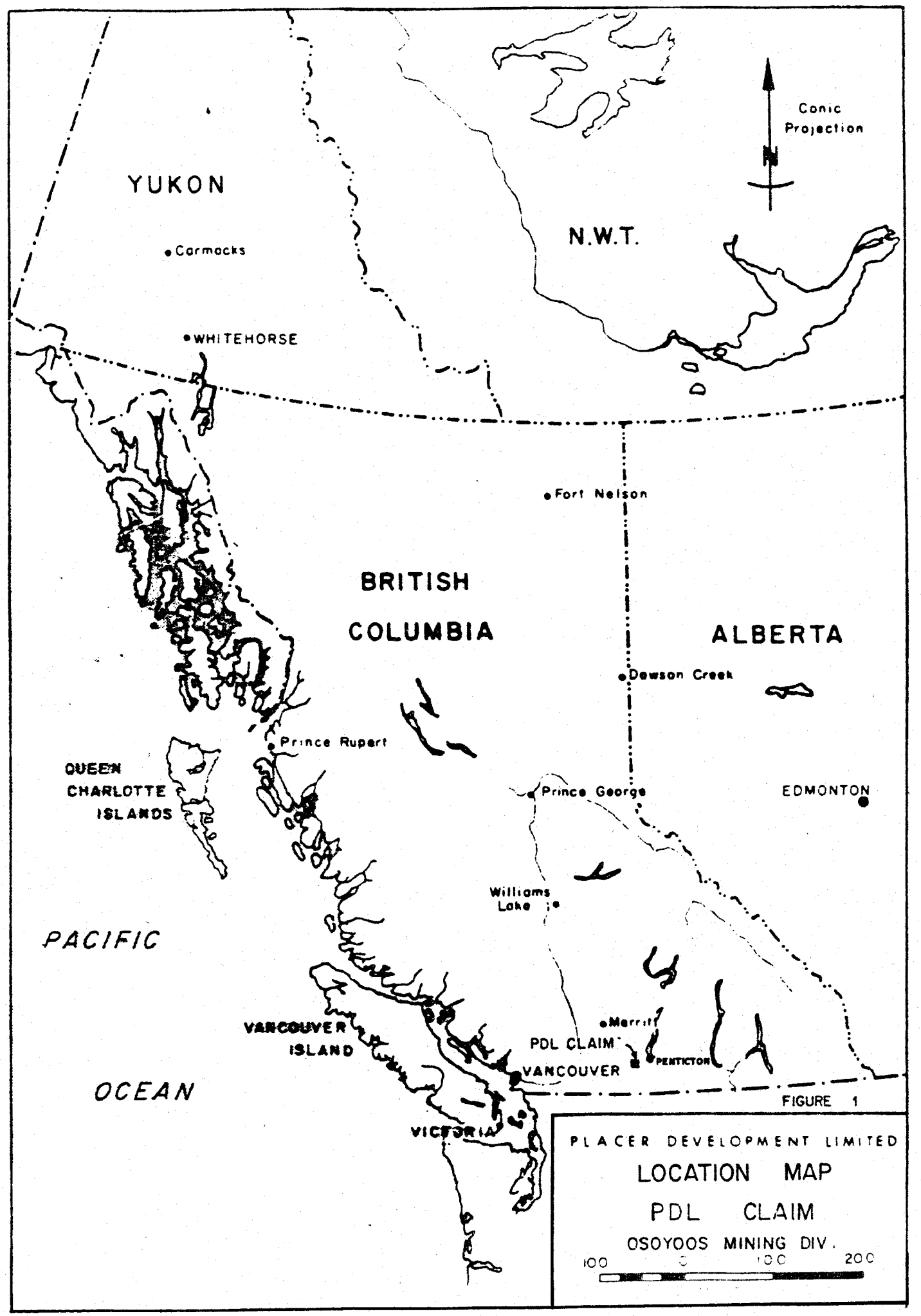
Conic
Projection
N
YUKON
N.W.T.
Carmacks
WHITEHORSE
Fort Nelson
BRITISH
COLUMBIA
ALBERTA
Dawson Creek
Prince Rupert
QUEEN
CHARLOTTE
ISLANDS
Prince George
EDMONTON
Williams
Lake
PACIFIC
OCEAN
VANCOUVER
ISLAND
Merritt
PDL CLAIM
PENTICTON
VANCOUVER
VICTORIA
PLACER DEVELOPMENT LIMITED
LOCATION MAP
PDL CLAIM
OSOYOOS MINING DIV.
100
0
100
200

FIGURE 1

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1. INTRODUCTION

Placer Development Limited carried out an exploration program on the P.D.L. claim, in the Osoyoos Mining Division, consisting of grid construction, soil geochemistry, and geophysics. This report describes the work carried out and the results of that program.

2. SUMMARY

A grid consisting of 1.7 km of baseline and 13.05 km of sideline was constructed.

244 soil samples were collected from the grid. These were analysed for Au, As, Cu, Mo and W.

Magnetometer and V.L.F. - EM surveys were conducted over 5.32 line km of the grid lines.

The grid plan is presented on a 1:10,000 scale plan, the geochemical and geophysical results are presented on 1:5000 scale plans.

Significant geocehmical response for Au and As is confined to the eastern portion of the grid (east wall of valley). Cu response is high (+100 ppm) over almost the entire grid. Mo and W response is minimal.

No significant magnetic response was detected.

Four V.L.F. conductors were noted. These appear to be due to topographic effect.

Cost for the work totalled $13,944.70.

Geologic mapping, trenching and diamond drilling are recommended.

3. PROPERTY DEFINITION

The property consists of the 15 unit P.D.L. Claim. Record No. is 1963 and the anniversary date is December 23. The claim location is shown in Figs. 1 and 2.

4. TOPOGRAPHY, COVER AND ACCESS

The claim covers the valley bottom and adjacent slopes of a 2.5 km portion of Keremeos Creek. The valley bottom is relatively narrow. The adjacent slopes are steep and rugged with numerous talus slopes and rock bluffs.

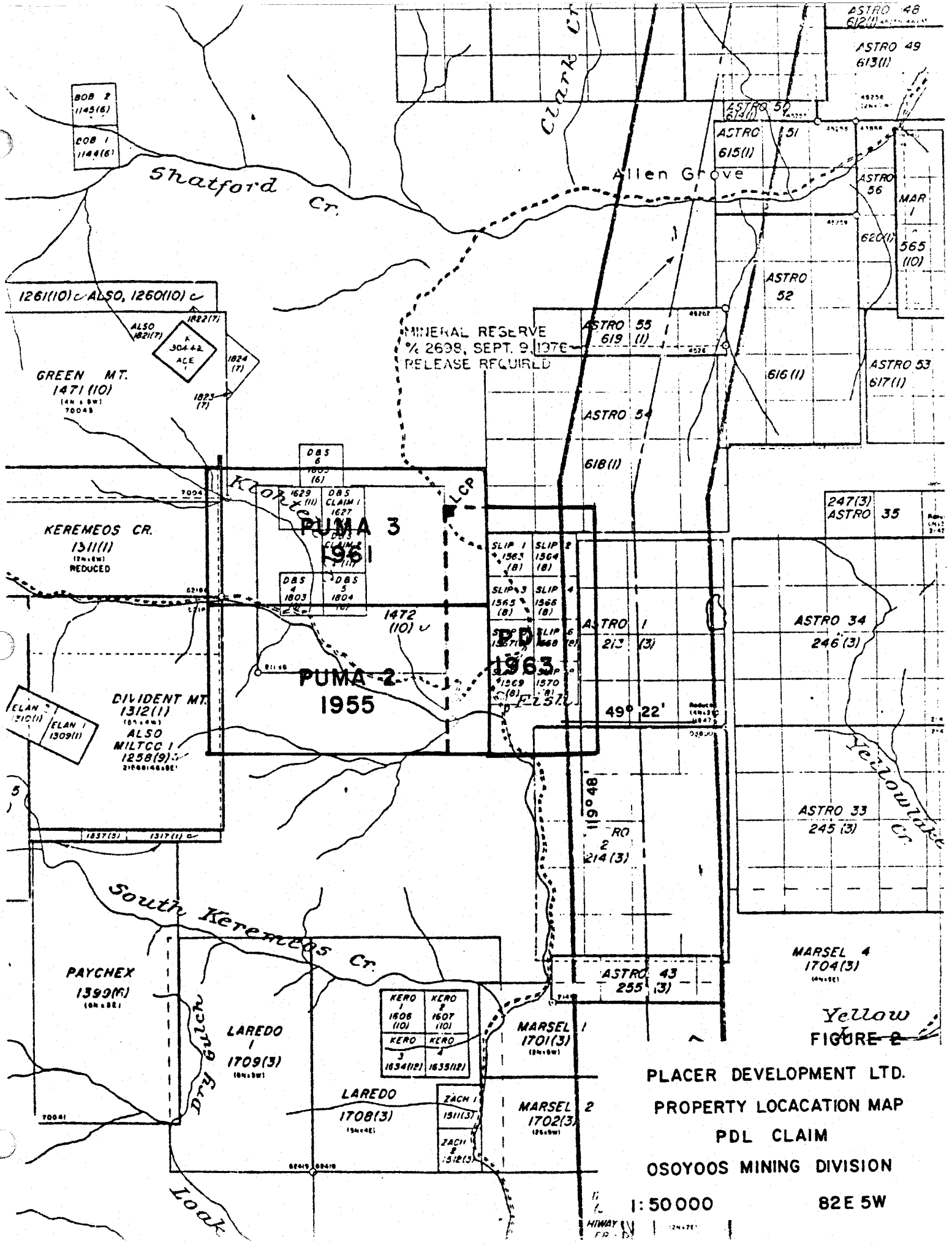


FIGURE 2

PLACER DEVELOPMENT LTD.

PROPERTY LOCACATION MAP

PDL CLAIM

OSOYOOS MINING DIVISION

1:50000 82E 5W

The area is moderately well forested with fir and/or pine. There is only a moderate amount of underbrush.

Access is extremely easy. The Green Mountain road, a good gravel road in this section, is located within the westerly side of the claims. It can be accessed from a point approximately 6 km northerly from Keremeos on Highway 3A, or from a point approximately 20 km westerly from Penticton on the Apex Alpine ski resort access road.

5. ECONOMIC ASSESSMENT

No economic mineralization is known to exist on the property.

Two small massive sulphide showings are known. They consist of "massive" pyrrhotite and/or pyrite plus minor chalcopyrite. Minor Au values accompany the massive sulphides. However, the geochemical results suggest that sources other than the known mineralization are responsible for the anomalous results. Thus other showings are likely to be uncovered by further work.

6. WORK DONE

The work done was carried out from June to September 1985.

6:1 GRID A grid consisting of 1,700 meters of baselines and 13,050 m of sidelines was constructed under contract by Leo Reichert of Keremeos. The baselines runs north-south. The rugged topography caused some duplication and offsetting of the baseline. Lines were set at 100 m intervals along the baseline(s). Stations were set at 20 m intervals along the lines. Only a few lines were constructed to the planned limit - most were terminated by the topography. The grid is shown on Fig. 3.

6:2 SOIL GEOCHEMICAL SURVEY Samples were collected at 40 m intervals on all sidelines except where the lines traverse valley till.

A total of 244 samples was collected.

The B soil horizon was sampled. In some locations only talus was available and where necessary, fines from this material was collected.

All samples were analysed for Au, As, Cu, Mo and W.

P.D.L. GRID

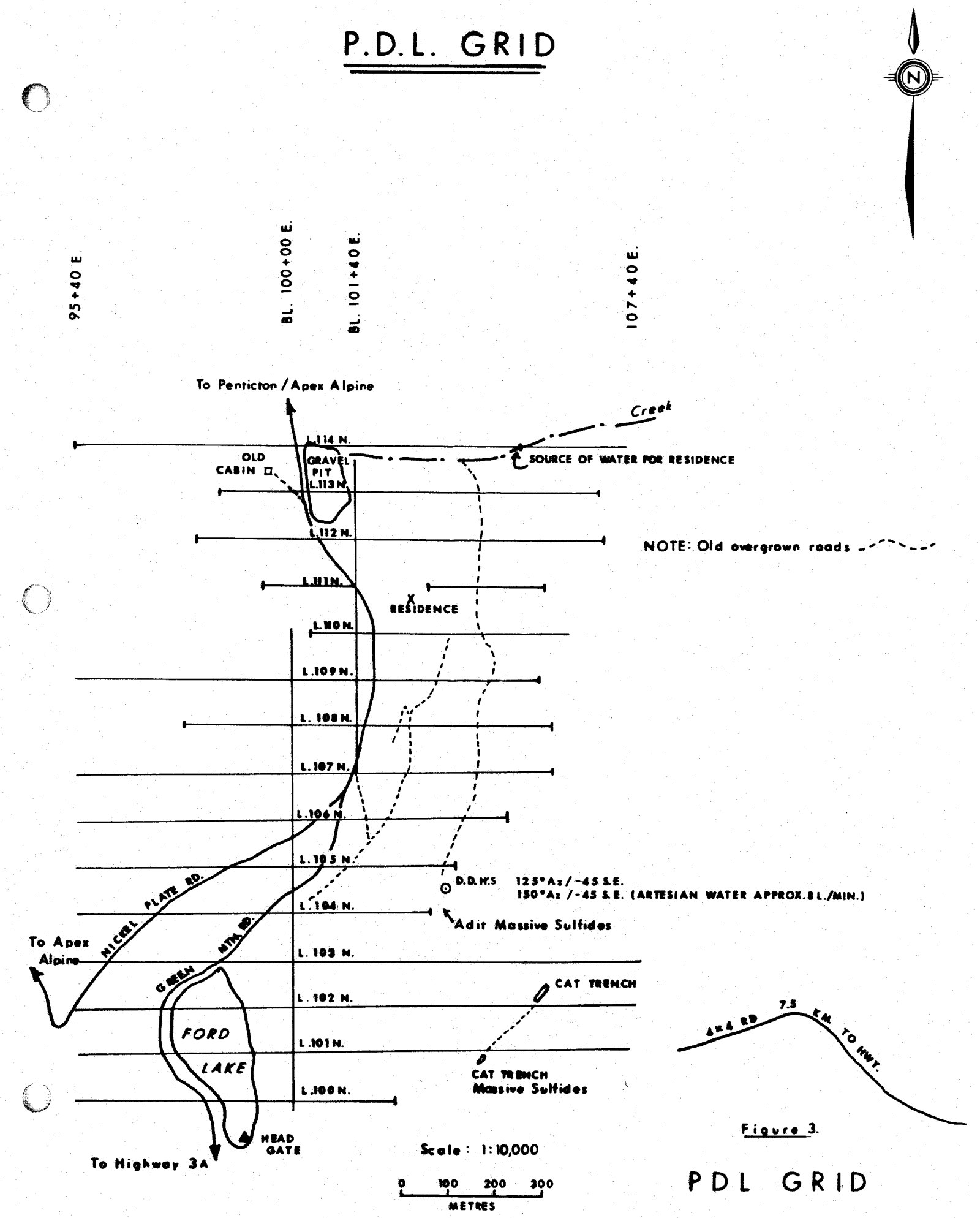


Figure 3.

PDL GRID

Plans showing the posted values were prepared. These were hand contoured.

6:2:1 SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

All samples for this program were prepared and assayed by Placer Development Limited Geochemical Laboratory in Vancouver, B.C.

i) Analysis for Cu, Mo and As

All samples are dried in a hot-air dryer. The soil samples are then sifted in -80 mesh nylon seives.

Following the drying and sieving process, a 0.50 gm portion of -80 mesh fraction of soil is weighed with a precision torsion balance. Samples were digested in hot solution of HNO_3 and $HClO_4$ for three and a half hours, then cooled, diluted and prepared for analysis on Perkin-Elmer 603 Atomic Absorption Spectophotometer for Cu, Mo and As.

Detection limits and ranges are listed below:

Metal	**Detection Limit & Range**
Copper	2 - 4,000 ppm
Molybdenum	1 - 1,000 ppm
Arsenic	2 - 1,000 ppm

ii) Analysis for Au

Following the drying and seiving process, a 10.0 gm portion of -80 mesh fraction of soil talus-fine or conventional sediment of -150 mesh fraction of the bulk sediments of rock is mixed with aqua regia and heated at 600° celsius for three hours, the HBr solution is added and allowed to stand overnight. Water and MIBr solution are added, shaken, contrifuged and then 1% HBr in water is added to the top organic layer seperate. Solution is shaken prior to analysis for Au by atomic absorption. Detection limit and range are 0.02 ppm and 4.00 ppm respectively.

iii) Analysis for W

Following the seiving and drying process a 0.5 gm. sample is put in a 16 x 150 mm test tube and 3 ml of mixed acid (1:2 H_3PO_4 - $HClO_4$) is added. Digestion is at 250° celsius fuming for 1 hour. The mixture is then cooled, 4 ml of 1:1 HCl is added, the tube is swirled to loosen caked solids and the mixture is heated at 100° celsuis for 30 minutes. It is cooled, 8 ml of 2500 ug/ml Li buffer solution is added and the tube capped and shook. Results are read on a Direct Coupled Plasma unit using matrix matched standards. Detection limit and range are 2.5 ppm to 1000 ppm.

6:2:2 RESULTS

All values are displayed on the accompanying plans.

i) Au: Fig. 4

Values range from below detection limit to 1.08 ppm. There is considerable response on the east half of the grid, (east side of the valley) particularily in the central portion of the grid.

ii) As: Fig. 5

Values range from 0.5 (detection limit) to 620 ppm.

Response is much greater on the east side of the grid which covers the east side of the valley. On the western side of the valley (and grid) not one sample is in excess of 25 ppm.

Again the strongest response is in the central portion of the east side of the grid.

iii) Cu: Fig. 6

Values range from 15 to 408 ppm.

A large part of the grid has a response between 100 and 200 ppm. A broad zone of slightly higher i.e. 200 - 300 ppm response lies in the eastern portion of the grid from 10 300N to 10 700N. The one result of over 400 ppm (408 ppm) is a point high on the western portion of line 10 500N.

iv) Mo: Fig. 7

Values range from 1 to 16 ppm.

No strongly anomalous areas are present. Small areas of plus 10 ppm exist near the south end of the grid, as shown on the accompanying plan.

v) W: Fig. 8

Values range from below detection limit (2.5 ppm) to 14 ppm. The only area above 10 ppm is in the northwesterly portion of the grid.

6:2:3 DISCUSSION OF RESULTS

The geochemical results indicate that the eastern side of the valley is the only portion of the claim area where significant Au mineralization is, possibly, present.

The mineralization responsible for the anomalous Au values may exist within the grid and on the bluff against which most of the lines terminate.

Arsenic bearing mineralization like Au, appears to be confined the the eastern side of the valley.

The general background for Cu is high throughout almost the entire grid. The higher Cu values in the eastern half of the grid are partially coincident with anomalous Au and As areas and may represent minor Cu mineralization accompanying Au, As mineralization.

The molybdenum values suggest that no significant Mo mineralization is present anywhere within the grid. The slightly higher Mo values in the eastern portion of the grid are coincident with the Au, As, Cu response and probably reflect a slight increase in Mo accompanying other mineralization.

The distribution of W values demonstrate that there is no coincidence of W with other the elements analysed for. Values also suggest that no significant W mineralization is present within the grid area.

6:3 Geophysical Surveys

VLF-EM and magnetometer surveys were conducted along 5.32 kms of line.

The VLF survey was carried out using the Seattle transmitting station NLK (24.8 kHz) with readings being taken at 20 m stations.

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

6:3:1 Equipment Used

The magnetometer survey was conducted using two Geometrics G-856A portable proton magnetometers (memory mags). One was used in the field mode (Ser. No. 27383) while the other was used in a base station mode (Ser. No. 27382). The internal clocks were synchronized before commencement of the survey and subsequent daily readings were dumped out to floppy disc in a Kaypro II portable computer. The data from the two magnetometers was merged and corrected for diurnal drift from an established base station value. The corrected

results were plotted as field profiles and also stored on disc 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 Seattle transmitting station. VLF readings were also entered onto floppy disc in a Kaypro II 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.

6:3:2 Survey Results

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

The VLF-EM survey results were plotted as stacked In-Phase, Quadrature and positive Fraser filter profiles on plan maps at a scale 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 plate in the folder at the back of report.

6:3:3 Discussion of Results

i) Magnetic Survey

No significant magnetic anomalies or trends were detected with the magnetometer survey.

ii) VLF-EM Survey

Four major conductors of limited strike length were detected by the VLF survey. These anomalies appear to be due to the extreme topographic changes which occur on the PDL claim. None of the above conductors seem to relate to geologic contacts or obvious fault zones.

7. STATEMENT OF EXPENDITURES

Days Worked in Field (Placer Personnel)		
R. Young	6, 7, 8, 10, 11, 12 of June	6.0 days
T. Koecher	6, 7, 8, 10, 11, 12 of June	6.0 days
B. Ott	4, 5(1/2 day), 18(1/2 day) 20(1/2 day) September	2.5 days
R. Boyce	4, 5(1/2 day) September	1.5 days
R. Cannon	18(1/2 day), 20(1/2 day) September	1.0 day
	TOTAL	17.0 days

Data Interpretation and Report Writing

R. Cannon 2 days
R. Young 2 days

Salaries and Benefits			
R. Young	8 x 400.00 =	$3200.00	
T. Koecher	6 x 150.00 =	900.00	
R. Cannon	3 x 350.00 =	1050.00	
B. Ott	2.5 x 250.00 =	625.00	
R. Boyce	1.5 x 275.00	412.50	
		$6187.50	$ 6187.50
Camp Cost @ $30.00/day/man		$ 510.00	$ 510.00
Grid Construction			
By contract to Leo Reichert		$1744.00	$1744.00
Equipment Charges			
2-G856 magnetometers @ $400/wh x 1/2		$ 200.00	
1 Kaypro computer @ $100/wh x 1/2		50.00	
1 Geonics EM 16 @ $200/wh x 1/2		100.00	
		350.00	$ 350.00
Transportation			
1 3/4 ton Chev pickup for 6 days @ $50/day		$ 300.00	
1 3/4 ton Chev Suburban for 2.5 days @ $50/day		125.00	
Fuel		200.00	
		625.00	$ 625.00
Analyses			
244 samples @ $14.05/sample		$3428.20	$3428.20
Plotting, Drafting and Computer Work			
3 days @ $250/day		$ 750.00	$ 750.00
Report Preparation			
1 day @ $350.00		$350.000	$ 350.00
	TOTAL COSTS=		$ 13,944.70

8. CONCLUSIONS

Significant Au mineralization may exist within either the grid area in the east side of the valley (grid) and/or the bluffs just to the east of the grid.

Magnetometer and V.L.F. surveys are of little use in evaluating the mineral potential of the P.D.L. claim.

9. RECOMMENDATIONS

i) That geologic mapping and where indicated, rock sampling be carried out over the east side of the present grid and that the work be extended as required up onto the rock bluffs to the east of the present grid.

ii) That backhoe trenching be done to evaluate presently known anomalies and any other targets identified by further work.

iii) That targets identified by the mapping, trenching and other means be diamond drilled, if warrented.

Robert J. Young P. Eng

RJY/stm
11.18.85

APPENDIX I

STATEMENT OF QUALIFICATIONS

I, Robert J. Young of Placer Development Limited do hereby certify that:

1. I am a Geological Engineer.

2. I am a graduate of the University of British Columbia with a B.A.Sc in Geological Engineering 1962.

3. I am a member, in good standing at the Association of Professional Engineers of British Columbia.

4. From 1957 until the present, I have been engaged in exploration and mining geology (open pit and underground) in British Columbia and in Chile, S.A.

5. I personally supervised and participated in the field work and have compiled, reviewed and assessed the data resulting from the work.

Robert J. Young P. Eng.

RJY/stm
11.19.85

APPENDIX II

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.

R.W. Cannon, P. Eng

R.W. Cannon, P. Eng

RWC/stm
11.19.85

APPENDIX III

Geochemical Assay Listing for Soil Samples.

PLACER DEVELOPMENT LIMITED: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AU	0	139	0	0	0	244
W	0	113	0	0	0	244
AS	0	10	0	0	0	244

44 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: PDL

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	244	0	82E5	82E5		
SAMP	244	0	100N	10260N		
PROJ	244	0	5050	5050		
AS	244	0	.50	620.00	73.34	99.50
AU	244	0	.01	1.08	.05	.09
CU	244	0	15.00	408.00	149.86	62.06
MO	244	0	1.00	16.00	4.56	2.48
W	244	0	2.50	14.00	5.08	2.87

END OF GCHSCAN: DATE: 85-06-24 time: 11-29-37 244 RECORDS PROCESSED

AUTOVALU

PLACER GEOCHEM ASSAY SYSTEM: DATA FROM PDL

GRID	SAMPLE	PROJECT	MO	CU	AU	W	AS
82E5	100N 9940E	5050	3	136	<0.02	<5	29
82E5	100N 9980E	5050	2	45	<0.02	<5	41
82E5	100N 10020E	5050	3	70	<0.02	<5	41
82E5	100N 10060E	5050	2	44	<0.02	<5	35
82E5	100N 10100E	5050	3	151	<0.02	<5	60
82E5	100N 10140E	5050	4	198	<0.02	<5	121
82E5	100N 10180E	5050	3	205	0.06	<5	180
82E5	100N 10200E	5050	4	219	<0.02	<5	248
82E5	101N 9960E	5050	6	167	<0.02	<5	81
test	STD AU	5050			0.72		
82E5	101N 10000E	5050	6	154	<0.02	<5	77
82E5	101N 10040E	5050	5	205	0.04	<5	165
82E5	101N 10080E	5050	8	180	0.05	<5	120
82E5	101N 10120E	5050	7	177	0.06	<5	115
82E5	101N 10160E	5050	7	169	<0.02	5	128
82E5	101N 10200E	5050	7	199	<0.02	<5	110
82E5	101N 10240E	5050	7	186	<0.02	5	110
82E5	101N 10280E	5050	8	160	<0.02	<5	125
82E5	101N 10320E	5050	9	184	0.11	<5	120
test	STD AU	5050			0.75		
82E5	101N 10360E	5050	12	206	0.04	7	148
82E5	101N 10400E	5050	3	242	0.02	<5	50
82E5	101N 10440E	5050	3	61	0.06	7	31
82E5	101N 10480E	5050	2	62	<0.02	<5	11
82E5	101N 10520E	5050	1	55	<0.02	<5	16
82E5	101N 10560E	5050	1	59	<0.02	<5	11
82E5	101N 10600E	5050	2	92	<0.02	7	17
82E5	101N 10640E	5050	2	77	<0.02	<5	9
82E5	101N 10680E	5050	1	38	<0.02	<5	3
82E5	101N 10680E*	5050	1	37	<0.02	<5	5
82E5	101N 10720E	5050	2	105	<0.02	<5	13
82E5	102N 9540E	5050	4	106	0.02	7	6
82E5	102N 9960E	5050	5	160	<0.02	8	28
82E5	102N 10000E	5050	3	109	<0.02	<5	25
82E5	102N 10040E	5050	3	109	<0.02	5	32
82E5	102N 10080E	5050	4	120	0.05	<5	37
82E5	102N 10120E	5050	5	140	0.06	7	47
82E5	102N 10160E	5050	5	156	0.05	11	60
82E5	102N 10200E	5050	5	137	0.05	8	57
82E5	102N 10200E*	5050	5	139	NSS	8	54
82E5	102N 10240E	5050	4	129	0.06	<5	52
82E5	102N 10280E	5050	10	165	0.03	5	84
82E5	102N 10320E	5050	9	220	0.04	<5	87
82E5	102N 10360E	5050	5	183	0.10	<5	81
82E5	102N 10400E	5050	5	315	0.04	<5	66
82E5	102N 10440E	5050	3	125	<0.02	<5	59
82E5	102N 10480E	5050	3	54	<0.02	<5	34
82E5	102N 10520E	5050	2	109	<0.02	<5	31
82E5	102N 10560E	5050	2	35	<0.02	<5	14
test	STD AU	5050			0.73		
82E5	102N 10600E	5050	4	238	<0.02	<5	50
82E5	102N 10640E	5050	2	27	<0.02	<5	13
82E5	102N 10680E	5050	2	31	<0.02	<5	10
82E5	102N 10720E	5050	2	80	<0.02	<5	18
82E5	10260N 10200E	5050	9	219	<0.02	<5	159
82E5	10260N 10240E	5050	7	357	0.08	7	74
82E5	10260N 10280E	5050	5	216	<0.02	5	45
82E5	10260N 10320E	5050	5	110	<0.02	6	28
82E5	103N 9560E	5050	6	95	<0.02	<5	8
82E5	103N 9560E*	5050	6	95	<0.02	<5	10

AUTOVALU

PLACER GEOCHEM ASSAY SYSTEM: DATA FROM PDL

GRID	SAMPLE	PROJECT	MO	CU	AU	W	AS
82E5	103N 9600E	5050	6	145	<0.02	5	3
82E5	103N 9640E	5050	6	155	<0.02	5	8
82E5	103N 9680E	5050	5	102	<0.02	5	12
82E5	103N 9720E	5050	3	157	<0.02	5	15
82E5	103N 9960E	5050	5	175	0.04	<5	71
82E5	103N 10000E	5050	2	90	<0.02	5	25
82E5	103N 10040E	5050	2	68	<0.02	<5	28
82E5	103N 10080E	5050	2	69	<0.02	<5	47
82E5	103N 10120E	5050	3	134	<0.02	<5	151
test	STD AU	5050			0.75		
82E5	103N 10160E	5050	3	63	0.03	<5	170
82E5	103N 10200E	5050	11	184	0.02	<5	85
82E5	103N 10360E	5050	6	230	<0.02	8	84
82E5	103N 10400E	5050	2	98	0.03	<5	49
82E5	103N 10440E	5050	2	79	0.02	<5	40
82E5	103N 10480E	5050	2	118	0.02	<5	79
82E5	103N 10520E	5050	2	37	0.04	<5	18
82E5	103N 10560E	5050	1	26	<0.02	<5	10
82E5	103N 10600E	5050	1	31	<0.02	<5	7
82E5	103N 10600E*	5050	1	32	<0.02	<5	12
82E5	103N 10640E	5050	1	15	<0.02	<5	9
82E5	103N 10680E	5050	2	52	<0.02	<5	25
82E5	103N 10720E	5050	1	36	<0.02	<5	7
82E5	104N 9560E	5050	8	103	<0.02	<5	5
82E5	104N 9600E	5050	7	133	<0.02	<5	<2
82E5	104N 9640E	5050	3	68	<0.02	5	7
82E5	104N 9680E	5050	10	165	<0.02	<5	<2
82E5	104N 9720E	5050	6	106	<0.02	<5	10
82E5	104N 9760E	5050	5	96	<0.02	<5	8
test	STD AU	5050			0.75		
82E5	104N 10040E	5050	2	81	<0.02	<5	73
82E5	104N 10080E	5050	7	195	0.03	<5	94
82E5	104N 10120E	5050	9	196	0.03	7	84
82E5	104N 10160E	5050	8	271	0.03	6	168
82E5	104N 10200E	5050	6	220	<0.05	8	147
82E5	104N 10240E	5050	14	260	<0.02	6	129
82E5	104N 10280E	5050	12	236	0.15	10	140
82E5	104N 10295E	5050	9	268	0.14	6	127
82E5	105N 9560E	5050	12	220	<0.02	6	3
82E5	105N 9560E*	5050	11	219	<0.02	5	<2
82E5	105N 9600E	5050	6	149	<0.02	5	4
82E5	105N 9640E	5050	6	129	<0.02	6	<2
82E5	105N 9680E	5050	5	110	<0.02	<5	5
82E5	105N 9720E	5050	3	142	<0.02	<5	5
82E5	105N 9760E	5050	12	408	<0.02	<5	9
82E5	105N 9800E	5050	4	123	<0.02	<5	<2
82E5	105N 9840E	5050	6	167	<0.02	<5	11
82E5	105N 10120E	5050	9	228	0.07	7	135
82E5	105N 10160E	5050	7	190	0.08	<5	127
82E5	105N 10160E*	5050	7	187	0.08	6	129
82E5	105N 10200E	5050	6	202	0.30	<5	254
82E5	105N 10240E	5050	8	194	0.19	6	165
82E5	105N 10280E	5050	7	172	<0.02	<5	202
82E5	105N 10320E	5050	10	228	<0.02	<5	112
82E5	105N 10360E	5050	10	248	0.28	5	193
82E5	106N 9560E	5050	16	198	<0.02	<5	<2
82E5	106N 9600E	5050	6	109	<0.02	5	<2
82E5	106N 9640E	5050	4	163	<0.02	6	<2
82E5	106N 9680E	5050	3	78	0.03	<5	8
test	STD AU	5050			0.74		

AUTOVALU

PLACER GEOCHEM ASSAY SYSTEM: DATA FROM PDL

GRID	SAMPLE	PROJECT	MO	CU	AU	W	AS
82E5	106N 9720E	5050	5	148	<0.002	7	7
82E5	106N 9760E	5050	3	145	<0.002	7	24
82E5	106N 9800E	5050	2	158	<0.002	8	27
82E5	106N 9840E	5050	6	135	<0.002	6	4
82E5	106N 9880E	5050	4	153	<0.002	<5	5
82E5	106N 9920E	5050	6	143	<0.002	<5	10
82E5	106N 9960E	5050	7	139	<0.002	<5	4
82E5	106N 10160E	5050	5	210	0.009	<5	260
82E5	106N 10200E	5050	6	209	0.008	6	254
82E5	106N 10200E*	5050	6	209	0.010	<5	250
82E5	106N 10240E	5050	4	237	0.010	7	330
82E5	106N 10280E	5050	4	260	0.019	7	430
82E5	106N 10320E	5050	4	305	0.011	8	290
82E5	106N 10360E	5050	4	271	0.008	6	240
82E5	106N 10400E	5050	4	226	0.013	<5	221
82E5	106N 10440E	5050	5	225	0.010	5	232
82E5	106N 10480E	5050	5	204	0.012	7	225
82E5	107N 9560E	5050	4	96	<0.002	<5	5
82E5	107N 9600E	5050	9	180	<0.002	<5	<2
test	STD AU	5050			0.070		
82E5	107N 9640E	5050	4	120	<0.002	5	2
82E5	107N 9680E	5050	4	100	<0.002	5	6
82E5	107N 9720E	5050	3	95	<0.002	<5	11
82E5	107N 9760E	5050	5	103	<0.002	7	<2
82E5	107N 9800E	5050	4	141	<0.002	6	3
82E5	107N 9840E	5050	6	145	<0.002	<5	5
82E5	107N 9880E	5050	4	158	<0.002	<5	4
82E5	107N 9920E	5050	2	119	<0.002	6	6
82E5	107N 9960E	5050	2	141	<0.002	<5	16
test	STD AU	5050			0.068		
82E5	107N 10040E	5050	2	107	<0.002	<5	8
82E5	107N 10080E	5050	2	130	<0.002	6	19
82E5	107N 10240E	5050	3	185	0.012	10	460
82E5	107N 10280E	5050	3	210	0.019	5	406
82E5	107N 10320E	5050	3	227	0.013	6	620
82E5	107N 10360E	5050	3	219	0.011	6	410
82E5	107N 10400E	5050	2	246	0.010	7	400
82E5	107N 10440E	5050	3	258	0.025	<5	220
82E5	107N 10480E	5050	4	324	0.019	<5	340
82E5	107N 10480E*	5050	4	290	0.026	5	328
82E5	107N 10520E	5050	5	374	0.029	<5	380
82E5	108N 9800E	5050	7	149	<0.002	7	15
82E5	108N 9840E	5050	5	143	<0.002	8	12
82E5	108N 9880E	5050	4	133	<0.002	7	10
82E5	108N 9920E	5050	4	173	<0.002	5	13
82E5	108N 9960E	5050	7	174	<0.002	7	8
82E5	108N 10000E	5050	5	116	<0.002	6	11
82E5	108N 10040E	5050	3	168	<0.002	<5	12
82E5	108N 10080E	5050	5	177	<0.002	<5	17
82E5	108N 10080E*	5050	5	172	<0.002	5	10
82E5	108N 10120E	5050	4	156	<0.002	<5	13
82E5	108N 10200E	5050	5	177	0.015	<5	140
82E5	108N 10240E	5050	7	224	0.020	<5	238
82E5	108N 10280E	5050	5	187	0.012	<5	128
82E5	108N 10320E	5050	4	186	0.016	5	174
82E5	108N 10360E	5050	4	153	<0.002	7	41
82E5	108N 10400E	5050	3	150	1.008	7	40
82E5	108N 10440E	5050	2	114	<0.002	7	15
82E5	108N 10480E	5050	3	157	0.013	6	158
82E5	108N 10480E*	5050					

AUTOVALU

PLACER GEOCHEM ASSAY SYSTEM: DATA FROM PDL

GRID	SAMPLE	PROJECT	MO	CU	AU	W	AS
82E5	108N 10520E	5050	8	166	0.31	<5	141
82E5	108N 10560E	5050	7	149	0.24	<5	164
82E5	109N 9540E	5050	6	142	<0.02	6	9
82E5	109N 9580E	5050	5	102	<0.02	5	6
82E5	109N 9620E	5050	4	124	<0.02	6	11
82E5	109N 9680E	5050	3	97	<0.02	5	15
82E5	109N 9720E	5050	6	127	<0.02	8	11
82E5	109N 9760E	5050	5	92	<0.02	7	10
82E5	109N 9800E	5050	5	158	<0.02	7	3
82E5	109N 9800E*	5050	5	158	<0.02	8	7
82E5	109N 9840E	5050	3	117	<0.02	6	10
82E5	109N 9880E	5050	2	172	<0.02	7	8
82E5	109N 9920E	5050	4	146	<0.02	9	16
82E5	109N 9960E	5050	4	117	<0.02	7	4
82E5	109N 10000E	5050	4	140	<0.02	6	<2
82E5	109N 10040E	5050	4	197	<0.02	6	16
82E5	109N 10080E	5050	4	177	<0.02	8	44
82E5	109N 10120E	5050	4	169	<0.02	<5	10
82E5	109N 10280E	5050	6	157	0.03	6	16
test	STD W	5050				38	124
82E5	109N 10320E	5050	5	161	0.10	7	30
82E5	109N 10360E	5050	5	151	0.04	8	21
82E5	109N 10400E	5050	6	134	0.10	7	19
82E5	109N 10440E	5050	7	152	<0.02	10	23
82E5	109N 10480E	5050	6	152	0.11	8	36
82E5	109N 10520E	5050	6	151	0.02	9	21
82E5	110N 10040E	5050	3	153	<0.02	13	10
82E5	110N 10080E	5050	3	169	<0.02	12	9
82E5	110N 10120E	5050	3	169	0.04	13	11
82E5	110N 10120E*	5050	3	167	NSS	12	8
82E5	110N 10320E	5050	4	139	0.06	6	111
82E5	110N 10360E	5050	4	148	0.05	6	114
82E5	110N 10400E	5050	4	142	0.07	8	94
82E5	110N 10440E	5050	4	138	0.15	9	130
82E5	110N 10480E	5050	5	143	0.04	6	19
82E5	110N 10520E	5050	8	118	<0.02	8	33
82E5	110N 10540E	5050	6	105	0.06	7	17
82E5	110N 10560E	5050	2	108	<0.02	9	9
82E5	110N 10590E	5050	4	181	0.07	9	23
82E5	110N 10590E*	5050	4	183	0.06	8	24
82E5	111N 9940E	5050	5	177	<0.02	11	11
82E5	111N 9960E	5050	8	168	<0.02	12	8
82E5	111N 10000E	5050	5	170	<0.02	9	6
82E5	111N 10040E	5050	4	160	<0.02	11	25
82E5	111N 10080E	5050	3	158	0.04	9	25
82E5	111N 10400E	5050	4	150	0.03	9	315
82E5	111N 10440E	5050	4	153	0.04	7	62
82E5	111N 10480E	5050	4	158	0.14	7	73
82E5	111N 10520E	5050	8	217	0.02	7	25
test	STD W	5050				31	127
82E5	112N 9800E	5050	3	111	<0.02	14	17
82E5	112N 9840E	5050	2	79	<0.02	14	17
82E5	112N 9880E	5050	2	106	<0.02	13	5
82E5	112N 9920E	5050	3	142	<0.02	10	16
82E5	112N 9950E	5050	2	85	0.05	7	10
82E5	112N 10000E	5050	7	169	<0.02	11	8
82E5	112N 10400E	5050	4	171	0.06	5	211
82E5	112N 10440E	5050	4	151	0.06	7	246
82E5	112N 10480E	5050	4	143	0.18	8	276
test	STD W	5050				33	135

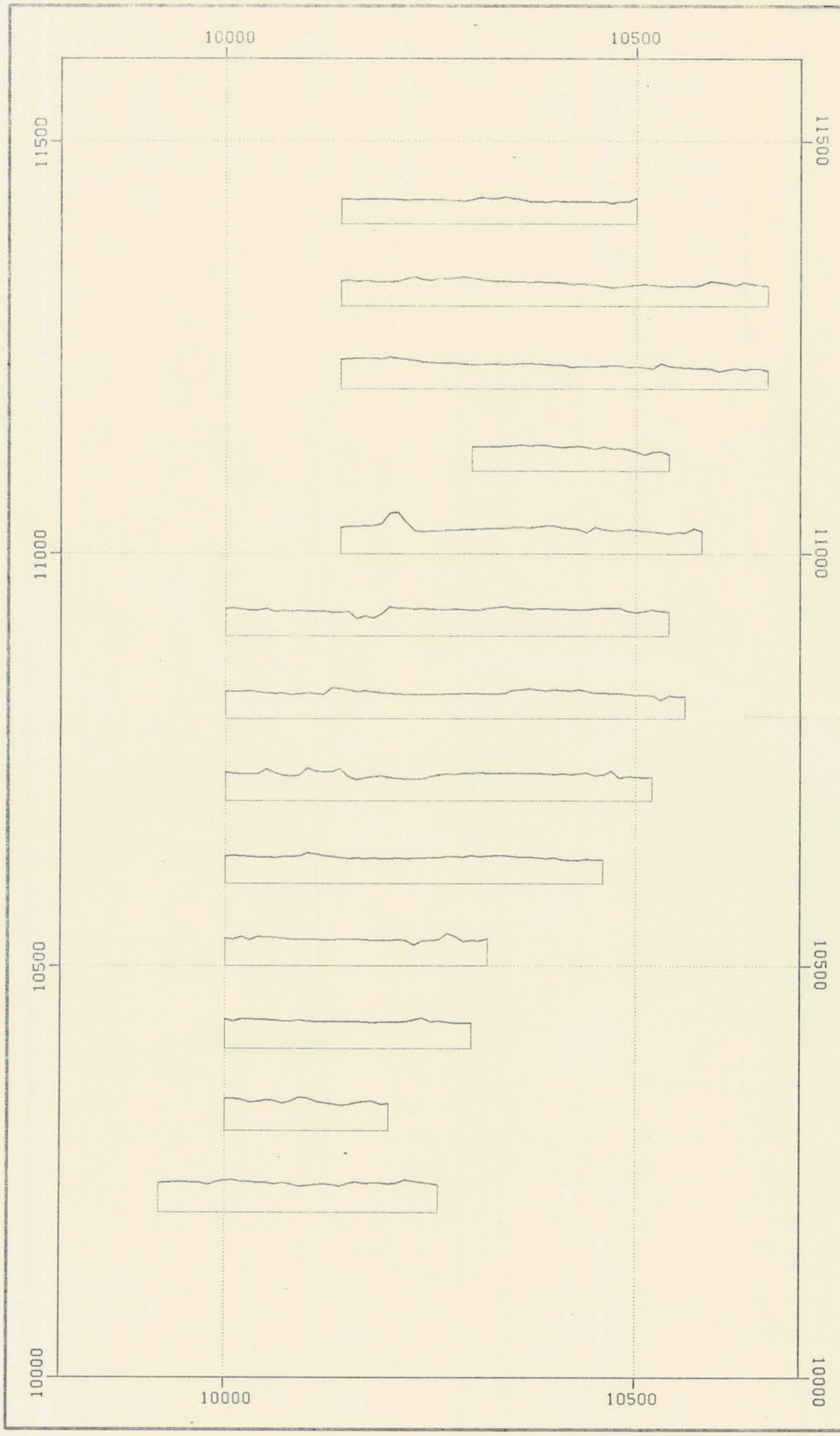
AUTOVALU

PLACER GEOCHEM ASSAY SYSTEM: DATA FROM PDL

GRID	SAMPLE	PROJECT	MO	CU	AU	W	AS
82E5	112N 10520E	5050	3	120	0.07	<5	252
82E5	112N 10560E	5050	3	95	0.31	5	308
82E5	112N 10600E	5050	3	126	0.05	<5	58
82E5	112N 10620E	5050	3	154	0.03	<5	53
82E5	112N 10670E	5050	4	141	0.07	<5	58
82E5	113N 9860E	5050	4	180	0.02	11	17
82E5	113N 9885E	5050	2	202	0.04	9	11
82E5	113N 10400E	5050	3	123	0.04	<5	145
82E5	113N 10440E	5050	4	142	0.10	<5	35
test	STD W	5050				32	143
82E5	113N 10480E	5050	2	141	<0.02	<5	24
82E5	113N 10620E	5050	3	135	<0.02	<5	32
82E5	113N 10560E	5050	2	80	<0.02	<5	69
82E5	113N 10600E	5050	4	115	0.04	5	79
82E5	113N 10640E	5050	3	115	0.09	<5	92
82E5	113N 10660E	5050	3	138	0.02	<5	107
82E5	114N 9560E	5050	4	130	<0.02	<5	26
82E5	114N 9600E	5050	2	129	<0.02	8	15
82E5	114N 9640E	5050	3	90	0.02	<5	19
test	STD W	5050				30	128
82E5	114N 9680E	5050	2	127	<0.02	8	13
82E5	114N 9720E	5050	6	163	<0.02	13	10
82E5	114N 9760E	5050	4	260	0.02	11	10
82E5	114N 9800E	5050	4	230	<0.02	9	17
82E5	114N 10320E	5050	2	68	0.08	<5	20
82E5	114N 10360E	5050	2	92	0.06	<5	31
82E5	114N 10400E	5050	2	78	0.02	<5	47
82E5	114N 10440E	5050	1	53	0.06	6	142
82E5	114N 10480E	5050	2	124	0.08	<5	56
82E5	114N 10480E*	5050	3	120	0.13	<5	55
82E5	114N 10500E	5050	3	99	0.04	<5	56
82E5	114N 10500E*	5050	3	90	0.05	<5	60
test	STD G	5050	19	91			
test	STD G	5050	18	97			
test	STD G	5050	18	82			
test	STD G	5050	18	88			
test	STD G	5050	19	85			
test	STD G	5050	18	81			
test	STD G	5050	19	109			
test	STD G	5050	18	102			
test	STD G	5050	17	102			
test	STD G	5050	17	98			
test	STD G	5050	20	92			
test	STD G	5050	19	110			
test	STD AU	5050			0.76		
test	STD AU	5050			0.77		
test	STD AU	5050			0.70		
test	STD AU	5050			0.68		

END OF LISTING - 288 RECORDS PRINTED
GCLIST RUN AT: 11:29:37

AUTOVALU



DATA PLOTTED ON THIS MAP:

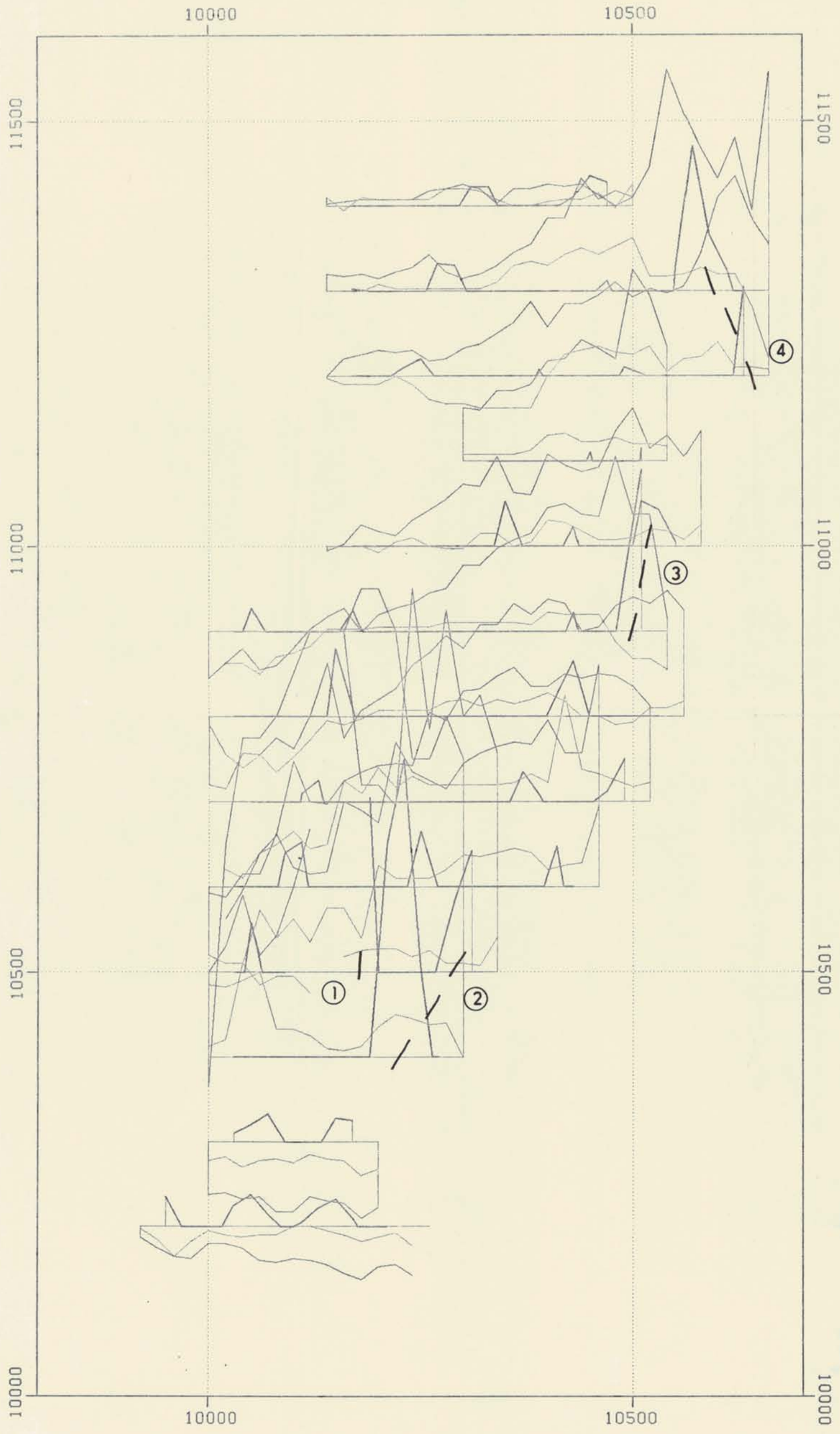
	FIELD	FILE
PROFILES:	MAG	EXPL*PDL.MAGNETOMETER
SCALE:		500 UNITS / CM
BASE LEVEL:		56500

DIRECTION OF NORTH AT CENTRE OF MAP

0 125 250 375 500
METRES

PLACER DEVELOPMENT LIMITED

DRAWN RC	PDL CLAIM MAGNETIC DATA
DATE 85/10/02	
SCALE 1:5000	
	NO. 85-10-PDL-3B-0001



PDL EM-16 DATA

IN-PHASE MEDIUM LINE
QUADRATURE LIGHT LINE
FRASER FILTER DARK LINE

DATA PLOTTED ON THIS MAP:

	FIELD	FILE
PROFILES:	IP	EXPL*PDL.EMIP
SCALE:	20.0 UNITS / CM	
BASE LEVEL:	0.0	
PROFILES:	QD	EXPL*PDL.EMQD
SCALE:	20.0 UNITS / CM	
BASE LEVEL:	0.0	
PROFILES:	IP	EXPL*PDL.EMIP
SCALE:	20.0 UNITS / CM	
BASE LEVEL:	0.0	

FRASER FILTER APPLIED

DIRECTION OF NORTH AT CENTRE OF MAP

0 125 250 375 500
METRES

PLACER DEVELOPMENT LIMITED	
DRAWN RC	PDL EM-16 DATA
DATE 85/10/02	
SCALE 1:5000	
	NO. 85-10-PDL-3B-0002

9500 10000 10500

11500 11000 10500 10000

PDL SOIL GEOCHEM
W RESULTS

DATA PLOTTED ON THIS MAP:

	FIELD	FILE
× POINTS:	W	EXPL×PDL.SOILS

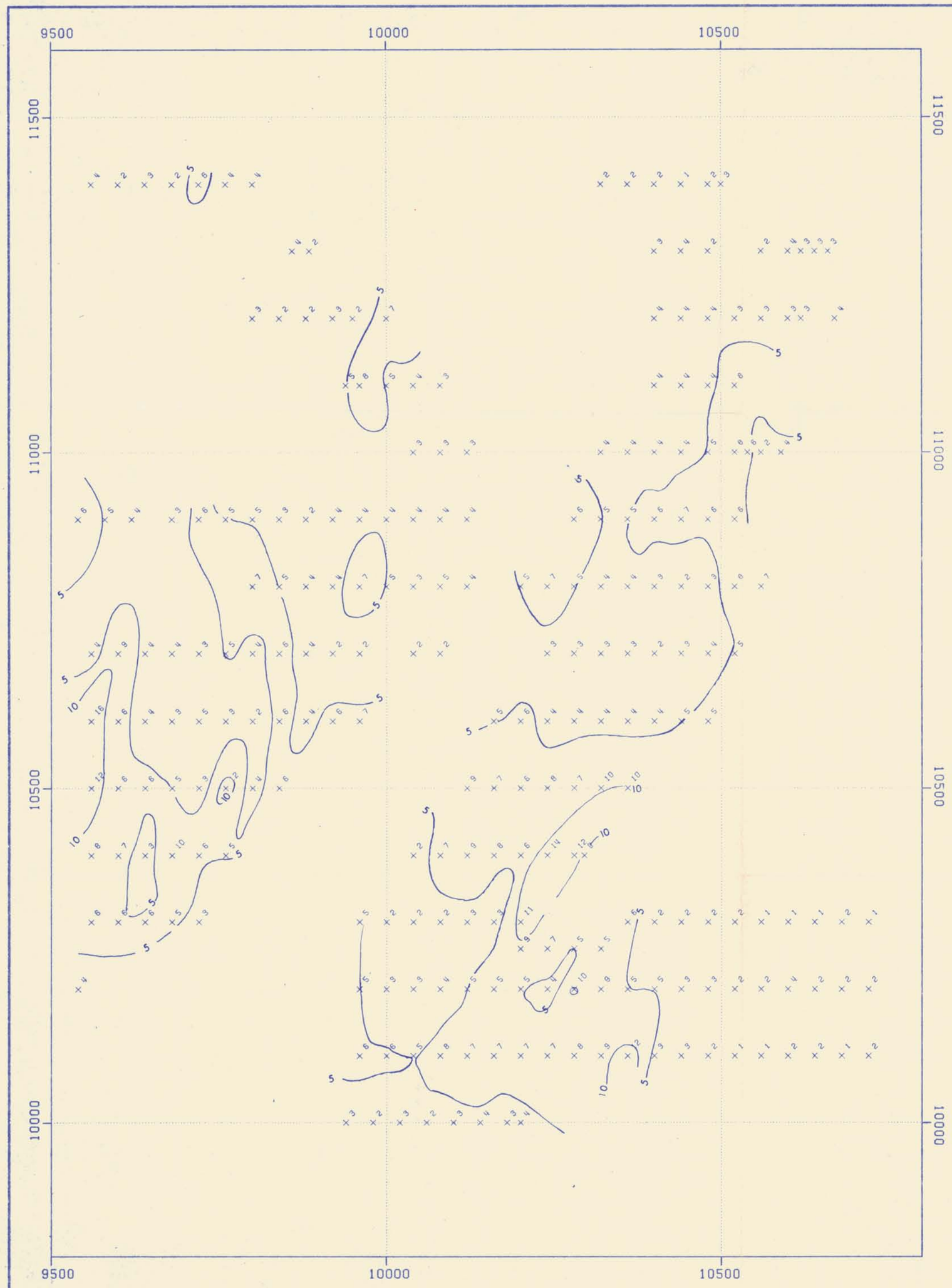
DIRECTION OF NORTH AT CENTRE OF MAP

0 125 250 375 500
METRES

Figure 8.

PLACER DEVELOPMENT LIMITED

DRAWN RJY	PDL SOIL GEOCHEM W RESULTS
DATE 85/11/13	
SCALE 1:5000	
	NO.



PDL SØIL GEØCHEM
MØ RESULTS

DATA PLOTTED ON THIS MAP:

	FIELD	FILE
× POINTS:	MØ	EXPL*PDL.SOILS

DIRECTION OF NORTH AT CENTRE OF MAP

0 125 250 375 500
METRES

Figure 7

PLACER DEVELOPMENT LIMITED	
DRAWN RJY	PDL SØIL GEØCHEM MØ RESULTS
DATE 85/11/13	
SCALE 1:5000	
	NØ.

PDL SOIL GEOCHEM
CU RESULTS

× = Sample location

DATA PLOTTED ON THIS MAP:

	FIELD	FILE
× POINTS:	CU	EXPL×PDL.SOILS

DIRECTION OF NORTH AT CENTRE OF MAP

0 125 250 375 500
METRES

Figure 6.

PLACER DEVELOPMENT LIMITED	
DRAWN RJY	PDL SOIL GEOCHEM CU RESULTS
DATE 85/11/13	
SCALE 1:5000	
	NO.

PDL SOIL GEOCHEM
AS RESULTS

DATA PLOTTED ON THIS MAP:

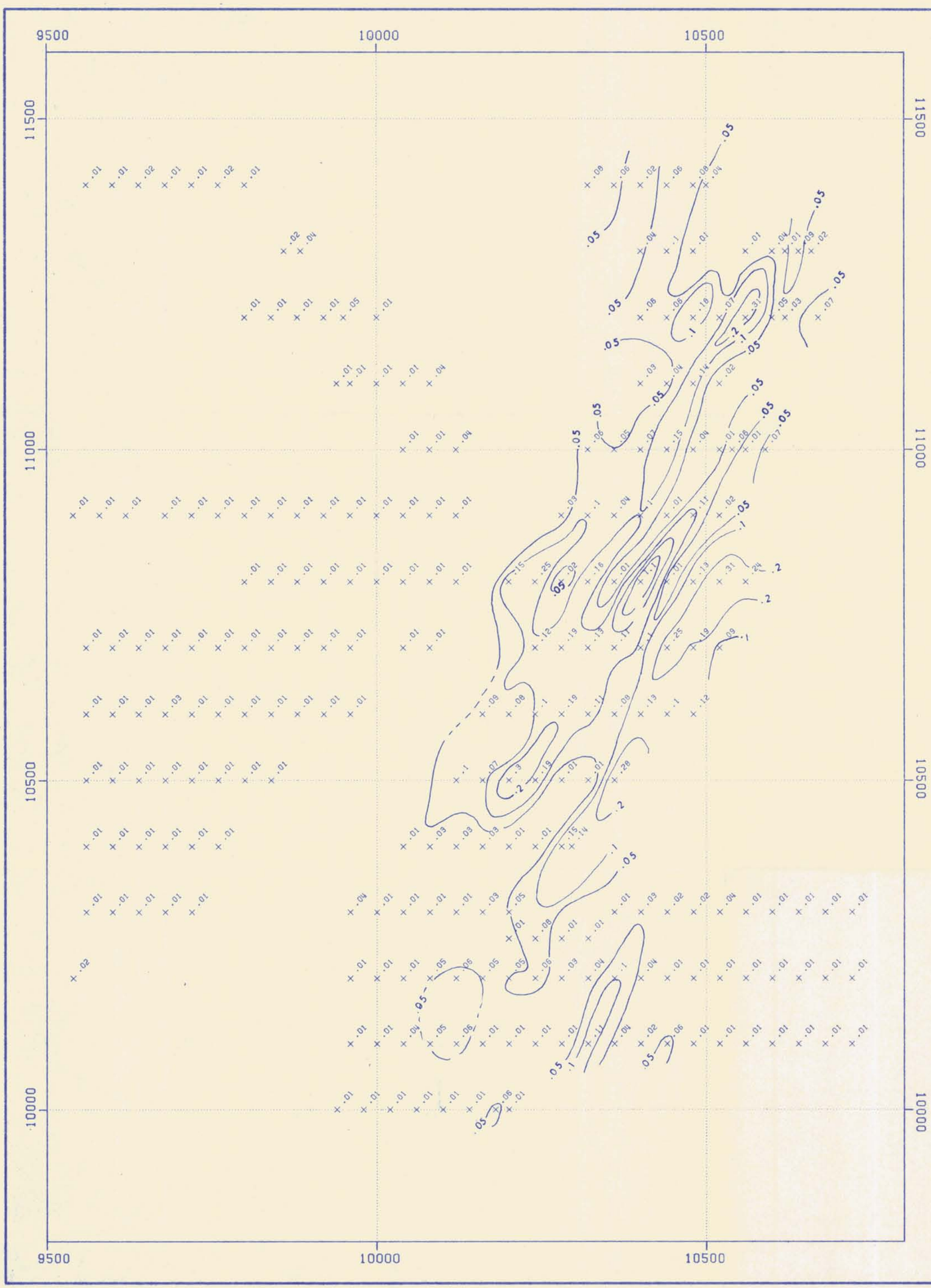
	FIELD	FILE
× POINTS:	AS	EXPL*PDL.SOILS

DIRECTION OF NORTH AT CENTRE OF MAP

0 125 250 375 500
METRES

Figure 5.

PLACER DEVELOPMENT LIMITED	
DRAWN RJY	PDL SOIL GEOCHEM AS RESULTS
DATE 85/11/13	
SCALE 1:5000	
	NO.



PDL SØIL GEØCHEM
AU RESULTS

DATA PLOTTED ØN THIS MAP:

	FIELD	FILE
× PØINTS:	AU	EXPL×PDL.SØILS

DIRECTION ØF NØRTH AT CENTRE ØF MAP

0 125 250 375 500
FEET

Figure 4.

PLACER DEVELØPMENT LIMITED

DRAWN RJY	PDL SØIL GEØCHEM AU RESULTS
DATE 85/11/13	
SCALE 1:5000	
	NØ.