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ASSESSMENT REPORT
FOR THE
1989 SOIL GEOCHEMISTRY & ROCK CHIP SAMPLING
OF THE
URN 4 MINERAL CLAIM

OMINECA MINING DIVISION

NTS 93 L/5

LATITUDE 54 24' N

LONGITUDE 127 32' W

OWNED BY: EQUITY SILVER MINES LIMITED

WORK BY: EQUITY SILVER MINES LIMITED

REPORT BY: D. J. HANSON

DECEMBER 1989

BRANCH
REPORT

19,487

RECEIVED
DEC 9 1989
GOVERNMENT AGENT
HOUSTON, B.C.

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INTRODUCTION

i) LOCATION AND ACCESS

The URN 4 mineral claim is located approximately 4 km east of Burnie Lake on the south side of the Telkwa Range within the Hazelton Mountains of west central British Columbia. Access to the property is by helicopter from the town of Houston-approximately 60 kilometres to the east (see Figures 1, 2).

ii) CLAIM OWNERSHIP AND STATUS

The URN 4 mineral claim is wholly owned by Equity Silver Mines Ltd. and is not subject to any vendor agreement. A summary of the current claim standing is as follows:

<u>CLAIM</u>	<u>RECORD NO.</u>	<u>UNITS</u>	<u>EXPIRY DATE*</u>
URN 4	9800	16	SEPT. 20, 1990

*pending acceptance of this report

iii) CLAIM HISTORY

The URN 4 mineral claim was located in 1988 after a copper-silver showing was discovered while following up a "heavy mineral" bulk stream sediment anomaly. No previous work has been recorded in the area.

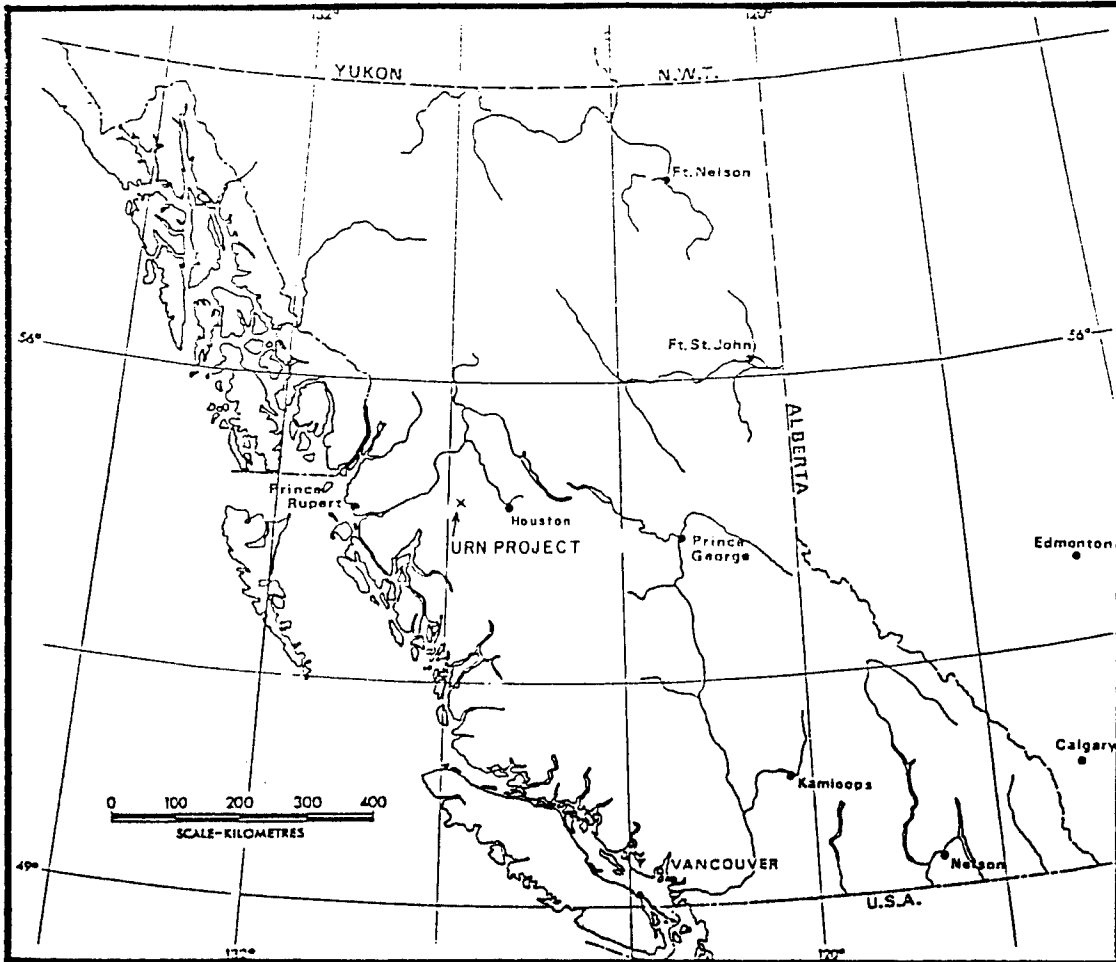


Figure 1 - Project Location Map

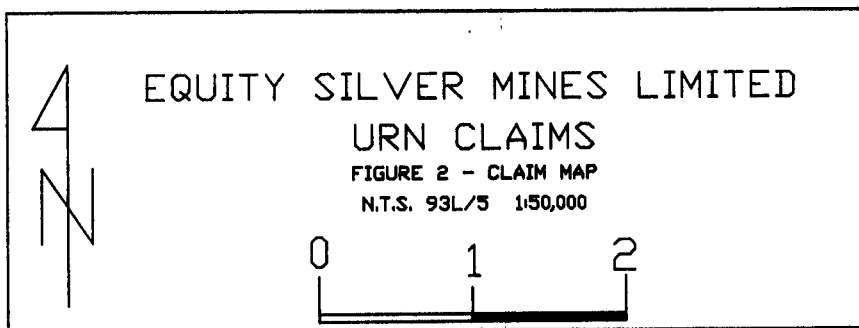
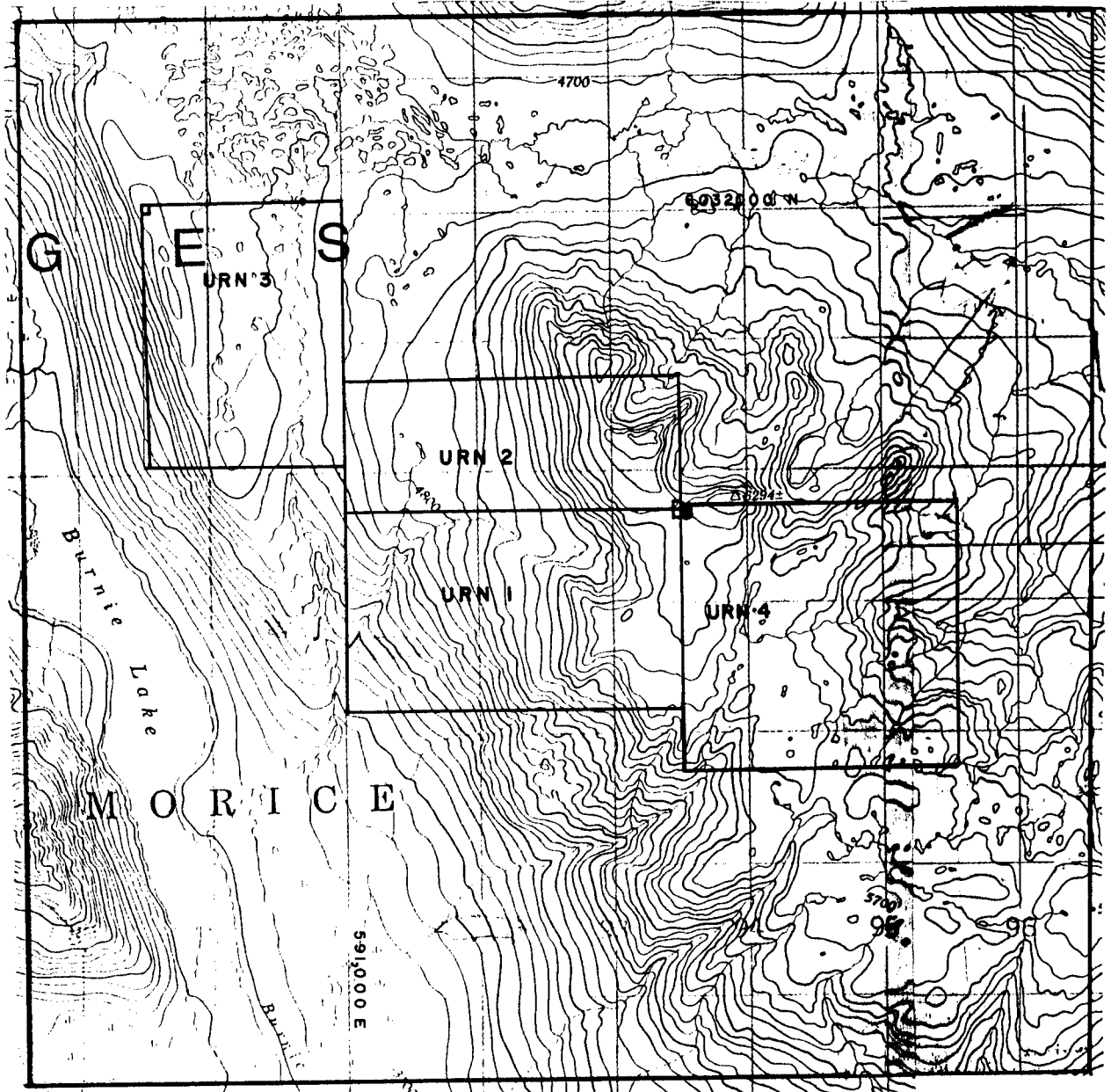


Figure 2 - Claim Location Map

iv) PURPOSE

The 1989 work program was designed to systematically sample the copper - silver showing and to determine if soils could be used as a sampling medium with which to explore for non-outcropping mineralization in the same area.

v) SUMMARY

Ten bedrock chip samples were collected from a semi-continuous outcrop approximately 32 metres long. Samples were assayed for Cu, Ag, Au, Sb, As, Fe, Zn and Pb. The weighted average of all samples was 0.35% copper and 26.7 g/tonne silver.

Twelve reconnaissance soil samples were collected from the immediate area of the showing and analyzed for Cu, Zn, Pb, Ag, Au, As, and Sb. Copper soil geochemistry can apparently be used in this environment to trace subcropping mineralization of this type.

Field work was carried out between September 9 and 12, 1989.

This report documents expenditures by Equity Silver Mines Ltd. of \$1,867.00.

PROCEDURE

i) ROCK CHIP SAMPLING

The mineral showing was systematically chip sampled in intervals of three metres or less. Approximately two kilograms of continuous rock chips were collected from each interval using a hammer. In order to get continuous samples, overburden was removed by pick and shovel where practical. Notes were kept for each sample regarding rock type, mineralization, alteration, width of sample, and location.

Samples were sent to the Equity Silver Mines Ltd. laboratory near Houston B.C. for preparation and assaying for copper, lead, zinc, silver, gold, iron, antimony, and arsenic. Analytical procedures are detailed in Appendix I.

ii) SOIL SAMPLING

In preparation for soil sampling, 4.2 kilometres of grid lines were established using a hip chain and compass for control.

Twelve "B" horizon soil samples were collected at 25 metre spacing along two lines 100 metres apart on either side of the showing. Samples were dug with a mattock from depths of 10 to 30 cm.

Notes were kept for each sample regarding location; horizon and depth; soil composition and colour; ground slope and direction; and site drainage. Samples were placed in brown Kraft paper envelopes and subsequently sent to Placer Dome Research Laboratory in Vancouver for geochemical analysis of copper, lead, zinc, silver, gold, arsenic and antimony.

Analytical procedures are detailed in Appendix II.

RESULTS AND DISCUSSION

i) GEOLOGY

According to Tipper and Richards (1976) the immediate area of the URN 4 claim is underlain exclusively by the Lower Jurassic Telkwa Formation of the Hazelton Group that has been dissected by several, closely spaced, north-northeast trending faults. Major rock types of this formation include breccia, tuff and flows of rhyolitic to basaltic composition. These rocks are the host for many important mineral occurrences in the district.

The "showing" is hosted by a pink colored, very fine grained, siliceous volcanic rock. Fracture surfaces contain malachite and azurite with occasional chalcopyrite and pyrite.

Glacial striae were measured at 064 degrees at the "showing".

ii) ROCK CHIP ASSAYS

Assay results for the rock samples are presented in Table 1. The weighted average of all samples is 0.35% copper and 26.7 grams/ tonne silver over a combined length of 27.4 metres. All other elements occur in background concentrations.

Sample locations are plotted in Figure 6.

iii) SOIL GEOCHEMISTRY

Geochemical results are plotted on Figures 3, 4, and 5.

No attempt was made to statistically analyze the results due to the small sample size. Based on experience in the region, however, the six copper values above a 70 ppm threshold should be considered anomalous.

INTERPRETATION AND RECOMMENDATIONS

The copper - silver "showing" associated with regional faulting is interpreted as a partially exposed, structurally controlled hydrothermal system above an unexposed stock. The potential for a near surface bulk tonnage copper - silver deposit makes this an attractive exploration target.

Soil sampling, geological mapping and induced polarization geophysical surveys are recommended for the area north and south of the "showing".

TABLE 1
ROCK CHIP SAMPLE ASSAYS

SAMPLE NO.	ROCK TYPE	WIDTH (m)	Cu %	Ag g/t	Au g/t	Sb %	As %	Fe %	Zn %	Pb %
9481	felsite	3.0	0.13	5	.05	tr	.02	2.15	.01	tr
9482	felsite	3.0	0.21	14	.02	tr	.04	2.20	.01	nd
9483	felsite	3.0	0.35	22	.04	tr	.02	2.13	tr	nd
9484	felsite	3.0	0.46	34	.05	tr	tr	2.06	tr	nd
9485	felsite	3.0	0.33	27	.03	tr	nd	1.94	tr	nd
9486	felsite	3.0	0.25	19	.04	tr	nd	1.69	tr	nd
9487	felsite	3.0	0.07	4	.03	tr	nd	1.48	tr	nd
9488	felsite	1.7	0.22	25	.03	tr	nd	1.96	tr	nd
9489	felsite	3.0	0.64	58	.05	tr	nd	1.74	tr	nd
9490	felsite	1.7	1.10	82	.06	tr	nd	2.14	tr	nd

TABLE 2
STATEMENT OF EXPENDITURES

1. Soil Geochemical Analysis for Cu, Pb, Zn, Ag, Au, As, Sb 12 samples @ \$12.25 each	147.00
2. Rock Assays for Cu, Pb, Zn, Ag, Au, As, Sb, Fe 10 samples @ \$25.00 each	250.00
3. Salaries	
D. Hanson, sampling & supervision September 9 1 day @ \$200.00/day	200.00
M. Aziz, sampling & grid September 9, 12 2 days @ \$130.00/day	260.00
G. Gagnier, sampling & grid September 12 1 day @ \$150.00/day	150.00
4. Helicopter	
Sept. 9 0.6 hr Sept. 12 0.6 hr ----- 1.2 hr @ \$550.00/hr	660.00
5. Report Preparation	200.00

	TOTAL =\$1,867.00

AUTHOR'S QUALIFICATIONS

I, Daryl J. Hanson, do hereby certify that:

1. I am a geologist residing at R.R.#1, Quick East Road, Telkwa, British Columbia, VOJ 2X0.
2. I am a 1971 graduate of the University of British Columbia, Vancouver, B. C. with a Bachelor of Applied Science degree in Geological Engineering.
3. I was employed as a geologist in mining, exploration, and development capacities with Cyprus Anvil Mining Corporation in Faro, Yukon from September 1973 to April 1981.
4. Between May 1982 and October 1987, I was employed as a contract exploration geologist in northwestern British Columbia, principally with Equity Silver Mines Limited.
5. Since February 1988, I have been employed as an exploration geologist with Equity Silver Mines Limited.
6. I am a Fellow of the Geological Association of Canada.
7. I personally supervised the work programme as described in this report.

Respectfully submitted,
Equity Silver Mines Ltd.



Daryl J. Hanson, B.A.Sc., F.G.A.C.
Exploration Geologist

APPENDIX I

EQUITY SILVER MINES LABORATORY

SAMPLE PREPARATION AND ANALYTICAL PROCEDURE

i) rock preparation

- samples are hot air dried and pulverized to -100 mesh

ii) analytical procedure for Cu, Zn, Pb, As, Sb, Ag, Fe

- 1 gram of pulverized material is dissolved in 5 ml of nitric acid
- solution is boiled for 15 minutes
- 20 ml of 2% tartaric and 10 ml hydrochloric acid are added
- solution is heated gently for 10 minutes
- solution is cooled and allowed to settle for 15 minutes
- analysis by Atomic Absorption

iii) analytical procedure for Au

- fire assay 25.0 gram sample with 130 grams of flux and 2 mg silver
- to prill from fire assay add 2 ml 1:1 nitric acid
- heat gently
- add 3 ml conc. hydrochloric acid
- cool solution to room temperature
- analysis by Atomic Absorption

APPENDIX II
PLACER DOME RESEARCH CENTRE
SAMPLE PREPARATION AND ANALYTICAL PROCEDURE

i) SAMPLE PREPARATION

- samples are hot air dried at 50 degrees centigrade
- minus 80 mesh fraction is sieved out for analysis

ii) ANALYTICAL PROCEDURE

- Cu, Pb, Zn, Ag : 0.5 g of sieved material dissolved in HClO₄ / HNO₃ for four hours and analyzed by atomic absorption
- Au : 10.0 g of sieved material dissolved in aqua regia for three hours and analyzed by atomic absorption
- As : 0.5 g of sieved material dissolved in aqua regia for three hours and analyzed by DC plasma
- Sb : 0.5 g of sieved material dissolved in HCl / HNO₃ for three hours and analyzed by DC plasma

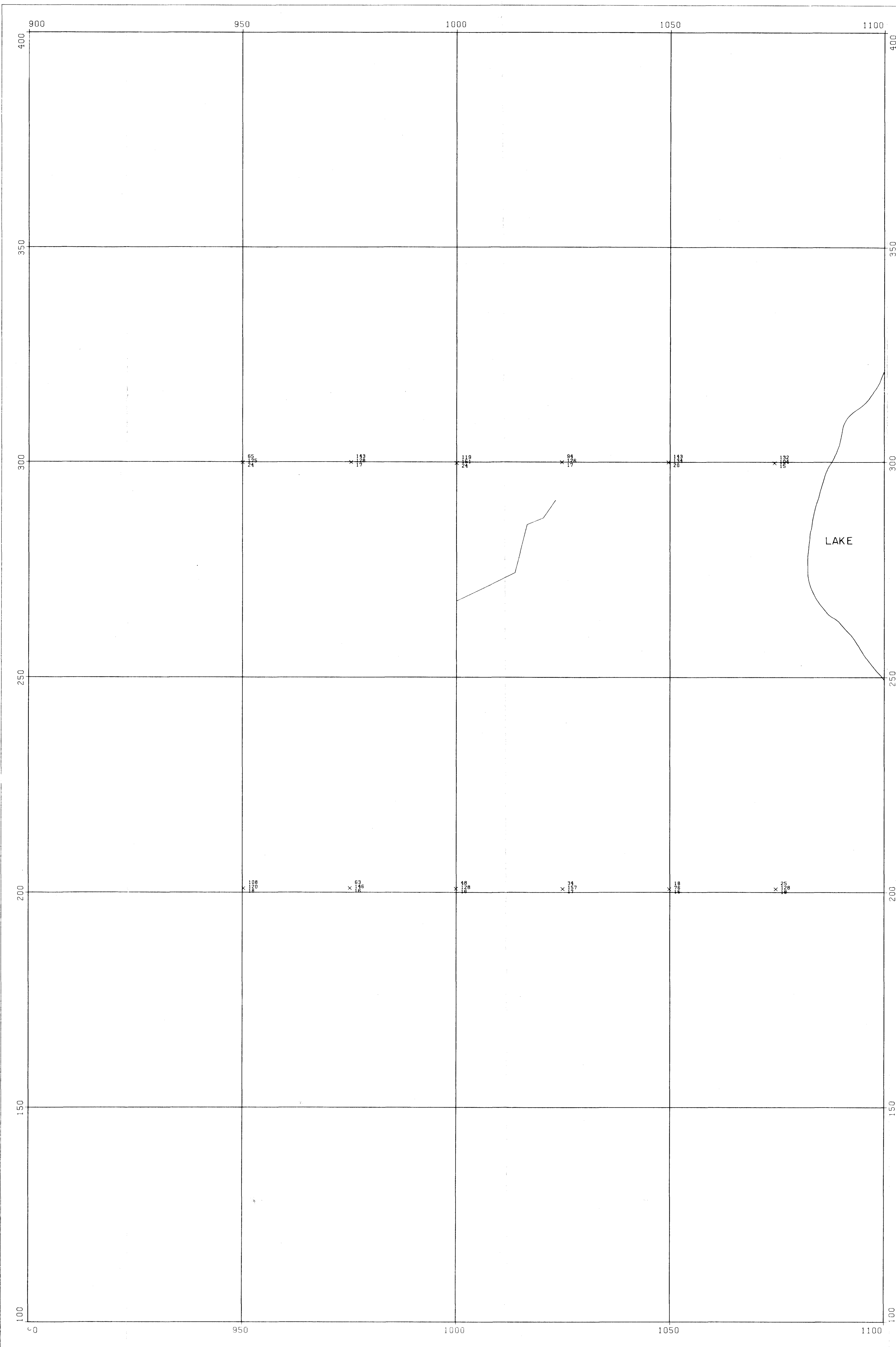


FIGURE 3
URN 4 CLAIM
CU-ZN-PB SOIL GEOCHEMISTRY

L = E D

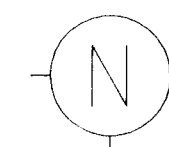
x SOIL SAMPLE LOCATION

PPM COPPER - ABOVE TO THE RIGHT
PPM ZINC - TO THE RIGHT
PPM LEAD - BELOW TO THE RIGHT

1989 SOIL GRID

DATA PLOTTED ON THIS MAP:
DIRECTORY: E:\1\OD\USR\DATA

FIELD FILE
x POINTS: CU URN4.89SOIL
ID URN4.89ROCK



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EQUITY SILVER MINES LTD	
DRN N E\	FIGURE 3
Dr E 89:12:18	URN 4 CLAIM
SCALE 1:500	CU-ZN-PB SOIL GEOCHEMISTRY
NO.	PLATE

FIGURE 4
URN 4 CLAIM
AG-AU SOIL GEOCHEMISTRY

LEGEND

× SOIL SAMPLE LOCATION

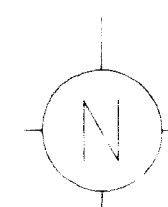
PPM SILVER - ABOVE TO THE RIGHT
PPB GOLD - TO THE RIGHT

1989 SOIL GRID

LAKE

DATA PLOTTED ON THIS MAP:
DIRECTORY: /EQUITY 00/USR/DATA

FIELD FILE
× POINTS: AG URN4.89SOIL



0 20 40 60
METRES

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EQUITY SILVER MINES LTD

DRAWN EXP
DATE 89:12:18
SCALE 1:500

FIGURE 4
URN 4 CLAIM
AG-AU SOIL GEOCHEMISTRY

NO. PLATE

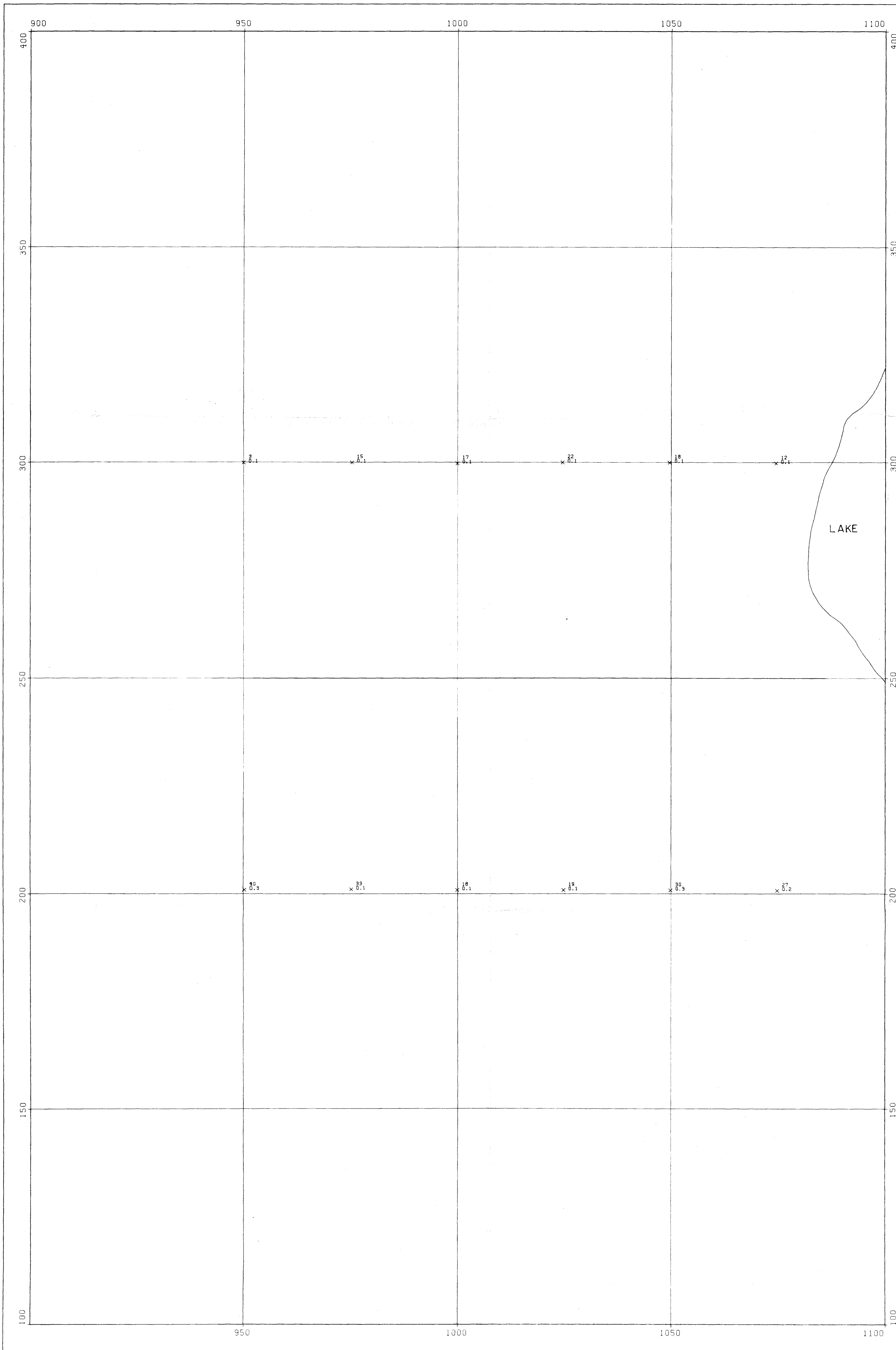
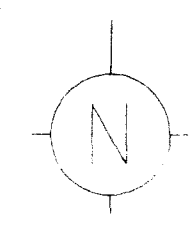


FIGURE 5
URN 4 CLAIM
AS-SB SOIL GEOCHEMISTRY

LEGEND

- x SOIL SAMPLE LOCATION
- PPM ARSENIC - ABOVE TO THE RIGHT
- PPM ANTIMONY - TO THE RIGHT
- 1989 SOIL GRID

DATA PLOTTED ON THIS MAP:
 DIRECTORY: /EQUITY 00/USR/DATA
 FIELD FILE
 x POINTS: AS URN4.89SOIL



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DRAWN		EXP		FIGURE 5	
DATE 89:12:18				URN 4 CLAIM	
SCALE 1:500				AS-SB SOIL GEOCHEMISTRY	
NO.				PLATE	

FIGURE 7
URN 4 CLAIM
1989 COMPILATION MAP

LEGEND

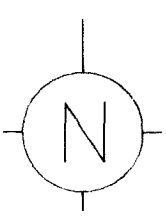
x SOIL SAMPLE LOCATION
LOCATION OF CHIP SAMPLES

NOTE: 1989 SOIL GRID
(SOUTH LINES ARE PLOTTED
AS NEGATIVE)



DATA PLOTTED ON THIS MAP:
DIRECTORY: /EQUITY_OD/USR/DATA/URN

FIELD	FILE
+ POINTS:	URN4.89SOIL
ID	URN4.89ROCK



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DRAWN		EXP		EQUITY SILVER MINES LTD	
DATE 90-05-14		SCALE 1:2000		FIGURE 7	
				URN 4 CLAIM	
				1989 COMPILATION MAP	
NO.		PLATE			

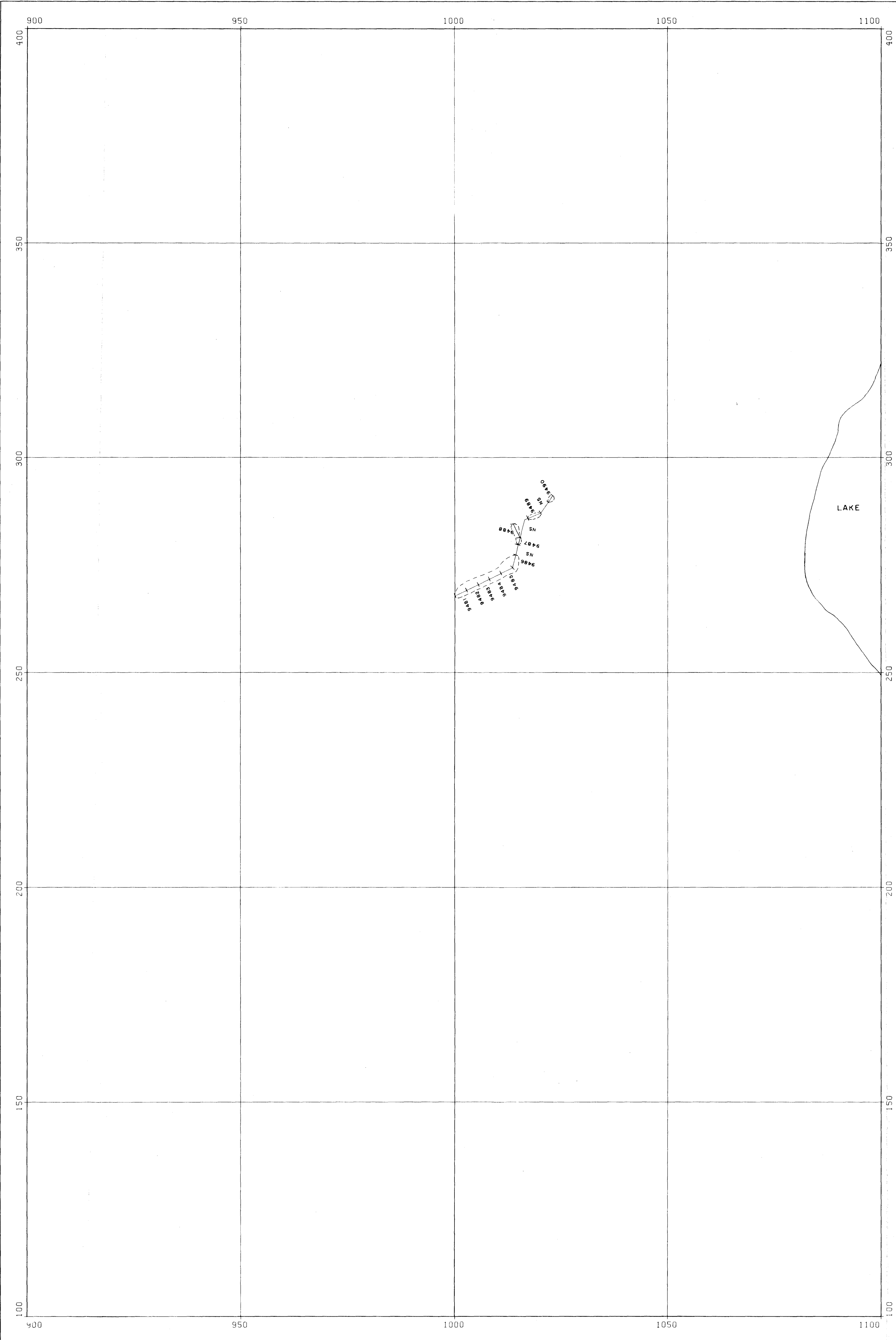
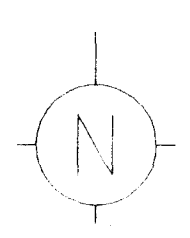


FIGURE 5
URN 4 CLAIM
ROCK SAMPLE LOCATIONS

LEGEND
 - - - - - OUTCROP
 [9481] ROCK SAMPLE NUMBER
 1989 SOIL GRID

DATA PLOTTED ON THIS MAP:
 DIRECTORY: /EQUITY 00/USR/DATA
 FIELD FILE
 ID URN4.89ROCK



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DRAWN		EXP		EQUITY SILVER MINES LTD	
DATE 89:12:18		FIGURE 6		URN 4 CLAIM	
SCALE 1:500		ROCK SAMPLE LOCATIONS		NO.	
				PLATE	