

86-1008-15690

REPORT ON  
GEOCHEMICAL SURVEYS  
ON THE  
RINA 3 CLAIM

RINA3 GRID

RINA 3 1625 (12)

NANAIMO MINING DIVISION

NTS 92F/14W

49° 49' 00" N      125° 22' 00" W  
21.7'

SUB-ORDER RECEIVED	
FEB 22 1987	
M.R. #	\$
VANCOUVER, B.C.	

FILMED

OWNER: IRON RIVER RESOURCES LTD

OPERATOR: NORANDA EXPLORATION COMPANY LIMITED  
(no personal liability)

SUBMITTED BY: R. WILSON,  
PROJECT GEOLOGIST

DATE: FEBRUARY 22, 1987

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

15,690

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## 1.0 INTRODUCTION

During the period October 14 to November 5, 1986 soil geochemical sampling of the Rina 3 claim was completed using a recently established grid for control. A total of 617 "B" horizon soils samples were collected from shovel dug holes of 35 cm average depth.

Samples were analyzed by Noranda's geochemical laboratory in Vancouver, B.C. for Cu, Zn, Pb, Ag, Mo, As, and Au. The results are displayed on Figures 86-6 to 12.

Results of sampling are generally non-anomalous with the exception of Cu. Minor anomalous Cu trends are noted and a few anomalies in the 600 to 900 ppm Cu range are worthy of follow-up.

Extention of the geochemical grid to cover the anomalies which are open to the east of the grid and geological mapping and prospecting to explain the cause of the Cu anomalies are recommended.

### 1.1 Location and Access

The Rina3 grid is located 21km SW of Campbell River B.C. between and just south of the junction of the Oyster River and Piggott Creek, Figure 1.

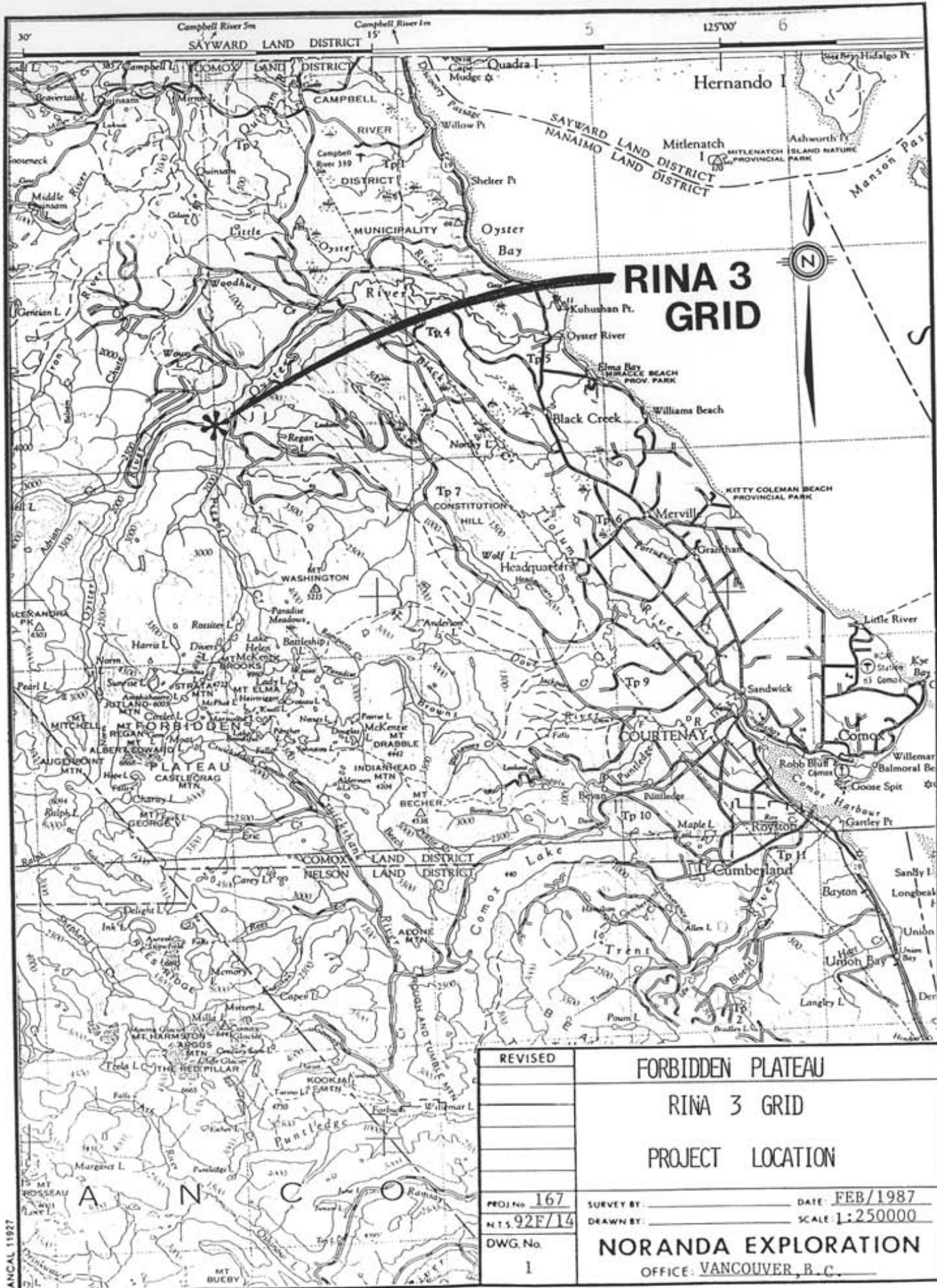
Access to the property is by way of Crown Forest logging roads from the western flanks of Mt Washington, Figure 2. From Rossiter Main which circumnavigates the east, north and west flanks of Mt Washington, Branch 161 leaves the main, crosses Piggott Creek and traverses the western edge of the grid. Several secondary roads off Branch 161 provide excellent access to all parts of the grid.

### 1.2 Topography and Physiography

The grid area is characterized by a moderately inclined east facing slope flanked on the east by cliffs descending into the Piggott Creek valley.

The Rina3 grid lies within the Vancouver Island Ranges subsection of the Vancouver Island Mountains subdivision of the Insular Mountains physiographic zone.

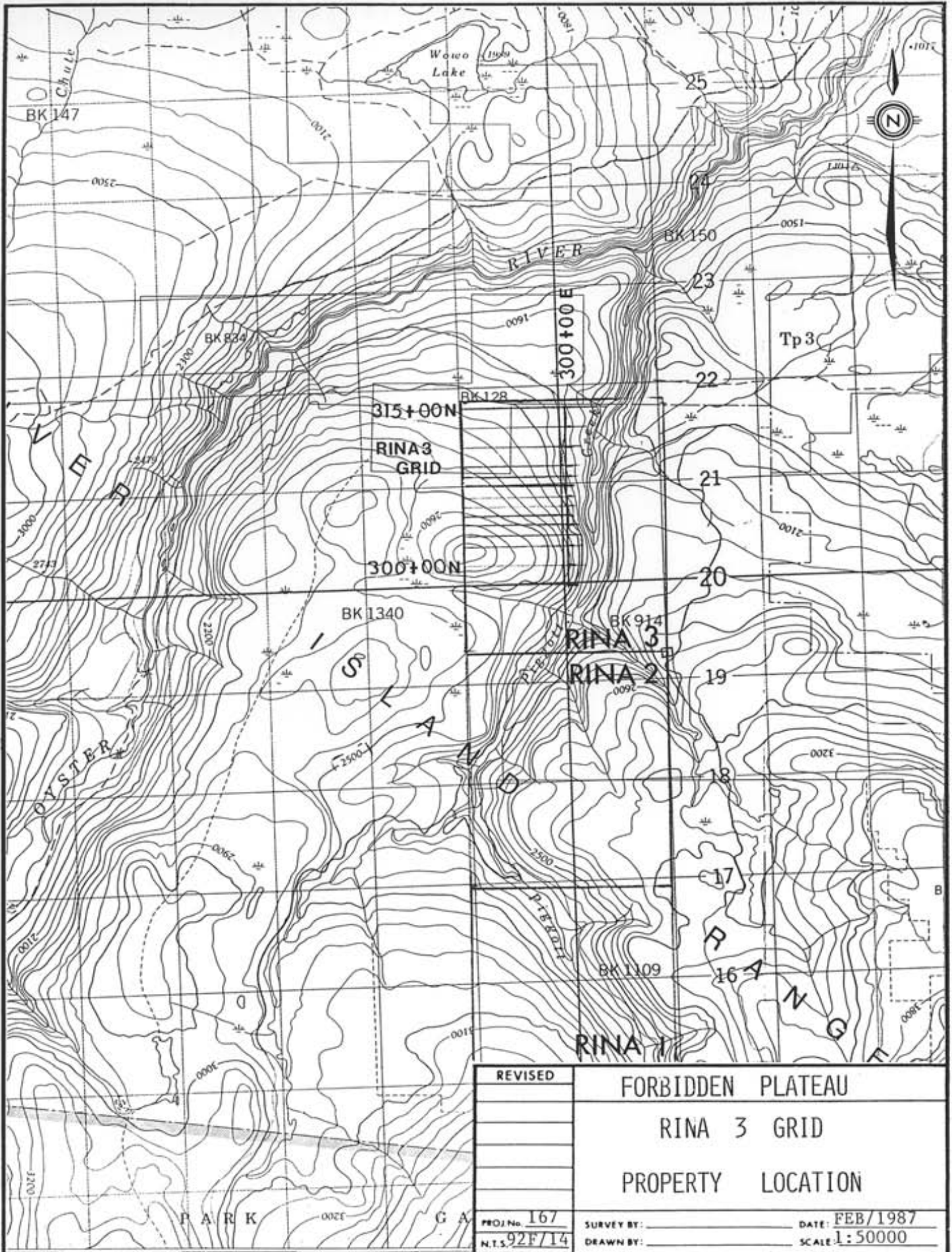
Holland (1964) describes the Vancouver Island Ranges as a "heterogeneous group of pre-Cretaceous sedimentary and volcanic rocks folded about northwesterly trending axes and intruded by numerous granitic batholiths. The mountains are the result of the mature dissection of a Tertiary erosion surface of low relief. ...It was the erosion leading to formation of this Tertiary surface that supplied the Oligocene and early Miocene



**RINA 3  
GRID**

REVISED	FORBIDDEN PLATEAU	
	RINA 3 GRID	
	PROJECT LOCATION	
PROJ No. 167	SURVEY BY _____	DATE: FEB/1987
N.T.S. 92F/14	DRAWN BY _____	SCALE: 1:250000
OWG. No.	<b>NORANDA EXPLORATION</b>	
1	OFFICE: VANCOUVER, B.C.	

VANCAL 11927



REVISED	FORBIDDEN PLATEAU	
	RINA 3 GRID	
	PROPERTY LOCATION	
PROJ. No. 167	SURVEY BY: _____	DATE: FEB/1987
N.T.S. 92F/14	DRAWN BY: _____	SCALE: 1:50000
DWG. No. 2	<b>NORANDA EXPLORATION</b>	
	OFFICE: VANCOUVER, B.C.	

VANCAL 11827

sediments which were deposited on a coastal plain along the west coast of the Island. Pre-Pleistocene uplift and dissection of the surface produced an extremely rugged topography...(which was) modified by glaciation during the Pleistocene."

### 1.3 Previous Work

The Rina3 grid area was previously examined by Iron River Resources Ltd. who completed minor sampling of gossanous zones. Results of those surveys are detailed in an Iron River Resources Ltd. company report "Compilation Geological Report, North Forbidden Plateau Properties" by K. Northcotte, (1985).

### 1.4 Owner-Operator

The Rina 3 claim, Figure 3, is part of the Rina group consisting of the following claims:

Name	Record No.	Units	Mining Div.	Record Date	Expiry
Rina 1	1594 (10)	20	Nanaimo	Oct. 18/83	1987
Rina 2	1624 (12)	20	Nanaimo	Dec. 2/83	1988
Rina 3	1625 (12)	20	Nanaimo	Dec. 2/83	1988

The Rina Group is owned by:

Iron River Resources Ltd.  
Suite 600-890 West Pender St.,  
Vancouver, B.C.  
V6C 1J9

The operator is:

Noranda Exploration Company Ltd.  
(no personal liability),  
Box 2380,  
Vancouver, B.C.  
V6B 3T5

### 1.5 Economic Potential

Due to the preliminary nature of the exploration of this property it's economic potential has not been established.







## 2.0 SUMMARY OF WORK DONE

### 2.1 Geochemical Surveys

A geochemical survey which consisted of soil sampling was completed on the Rina3 grid. A total of 617 samples were taken and analyzed for Cu, Zn, Pb, Ag, Mo, As, and Au.

### 2.2 Claims Worked

The above mentioned survey was completed wholly within the Rina 3 claim.

### 2.3 Personnel

Grid establishment was completed by Martinson Linecutting of Courtenay B.C. Geochemical sampling was completed by Noranda field personel P. Bland and G.G. Shevchenko under the supervision of the author.

## 3.0 DETAILED TECHNICAL DATA

### 3.1 Regional Geology

The Mt. Washington - Oyster River area was most recently mapped by J.E. Muller and J.T. Carson (G.S.C. Paper 68-50), Figure 4. Previous mapping had been completed by J.E. Muller (1964) and earlier work was done by D.J.T. Carson, H.C. Gunning, and W.G. Jeffery. Thesis work by D.J. Carson (1960) contributed much to the understanding of the geology of Mt. Washington.

The majority of the area north of the Forbidden Plateau and most of the grid area is underlain by Upper Triassic and Older Karmutsen Formation basic submarine volcanics. Thin wedges of overlying Upper Triassic Quatsino Formation limestone and Lower Jurassic(?) Bonanza (intermediate) Volcanics missed by pre-Cretaceous erosion are seen along the walls of the Oyster River.

Unconformably overlying the Karmutsen is the Upper Cretaceous Nanaimo Group Haslam and Comox Formations which consist of fine to coarse sediments. They have been intruded by Tertiary Intrusions of quartz diorite-monzonite compositions which have split the Haslam and Comox in a sill or lopolith fashion, and brecciated the surrounding rock.



REVISED	FORBIDDEN PLATEAU	
	RINA 3 GRID	
	REGIONAL GEOLOGY	
PROJ. No. 167	SURVEY BY: _____	DATE FEB/1987
N.T.S. 92F/14	DRAWN BY: _____	SCALE 1:60000
DWG. No.	NORANDA EXPLORATION	
4	OFFICE: VANCOUVER, B.C.	

VANCAL 11927

## 3.2 Geochemistry

### 3.2.1 Purpose

Soil geochemical sampling along grid lines was completed to delineate possible anomalous zones of mineralization and to help establish regional geological and geochemical trends and background values.

### 3.2.2 Techniques

Soil sampling was completed independent of grid construction. The grid location with respect to topography and claim boundaries is shown on Figure 5. "B" horizon soil samples were collected from 35cm deep (average) shovel dug holes and placed in brown Kraft bags. These soil bags were partly air dried prior to being packed for shipment.

A total of 617 soil samples were collected on the Rina3 grid and sent for analysis to Noranda's geochemical laboratory at 1050 Davie St. in Vancouver, B.C. Appendix I is a flow sheet of the analytical techniques used by the Noranda Laboratory.

### 3.2.3 Results

All soil samples were analyzed for Cu, Zn, Pb, Ag, Mo, As, and Au (Figures 6-12). Excluding Cu, results for all elements analyzed were within normal background limits except for a few sporadic elevated values. As no significantly anomalous results were recognized, geochemical maps for those elements have not been contoured.

Copper results have a high background of 150 ppm Cu due mainly to the underlying Karmutsen Volcanics whose rocks have a high Cu background. Two trends are evident from contouring the anomalous copper values. The main trend is NE-SW and a minor trend is NW-SE. The main trend is likely due to volcanic flow bedding planes of the Karmutsen which are more copper rich. The minor trend may be due to crosscutting fractures or faults which have acted as a plumbing system for scavaging hydrothermal fluids.

## 4.0 SUMMARY AND CONCLUSIONS

The Rina3 grid is located 21 km southeast of Campbell River, B.C. between the Oyster River and Piggott Creek. The grid is well accessed by a number of logging roads controlled by Crown Forests Ltd.

The grid area is characterized by a moderately dipping, east facing slope flanked on the east by cliffs descending into the Piggott Creek valley.

The grid area is underlain mainly by Triassic Karmutsen Volcanics consisting of basaltic flows, tuffs, pillows and breccias.

Geochemical surveys, which consisted of 617 soil samples analyzed for Cu, Zn, Pb, Ag, Mo, As, and Au, found only background values for all elements but copper. Anomalous copper values were concentrated along major NE-SW trends and minor NW-SE trends.

## 5.0 RECOMMENDATIONS

Follow-up examination of Cu anomalies is warranted. Infill geochemical sampling in anomalous areas with 200m spaced sample lines and in areas where anomalies project off the grid should be completed. Geological mapping and prospecting of the grid area should also be undertaken. Any occurrences of mineralization found should be exposed, mapped and sampled.

## REFERENCES

- Holland, S.S., Landforms of British Columbia, A  
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- Muller, J.S. and Carson, D.J.T. Geology and Mineral Deposits  
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(92F)., Geological Survey of Canada Paper  
68-50, 1969.
- Northcote, K.E., Compilation Geological Report, North  
Forbidden Plateau Properties., Unpublished  
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Feb. 16, 1985.

APPENDIX I  
ANALYTICAL METHOD DESCRIPTIONS  
FOR  
GEOCHEMICAL ASSESSMENT REPORTS



## ANALYTICAL METHOD DESCRIPTIONS FOR GEOCHEMICAL ASSESSMENT REPORTS

The methods listed are presently applied to analyse geological materials by the Noranda Geochemical Laboratory at Vancouver.

### **Preparation of Samples**

Sediments and soils are dried at approximately 80°C and sieved with a 80 mesh nylon screen. The -80 mesh (0.18 mm) fraction is used for geochemical analysis.

Rock specimens are pulverized to -120 mesh (0.13 mm). Heavy mineral fractions (panned samples \* from constant volume), are analysed in its entirety, when it is to be determined for gold without further sample preparation.

### **Analysis of Samples**

Decomposition of a 0.200 g sample is done with concentrated perchloric and nitric acid (3:1), digested for 5 hours at reflux temperature. Pulps of rock or core are weighed out at 0.4 g and chemical quantities are doubled relative to the above noted method for digestion.

The concentrations of Ag, Cd, Co, Cu, Fe, Mn, Mo, Ni, Pb, V and Zn can be determined directly from the digest (dissolution) with a conventional atomic absorption spectrometric procedure. A Varian-Techtron, Model AA-5 or Model AA-475 is used to measure elemental concentrations.

### **Elements Requiring Specific Decomposition Method:**

**Antimony - Sb:** 0.2 g sample is attacked with 3.3 ml of 6% tartaric acid, 1.5 ml conc. hydrochloric acid and 0.5 ml of conc. nitric acid, then heated in a water bath for 3 hours at 95°C. Sb is determined directly from the dissolution with an AA-475 equipped with electrodeless discharge lamp (EDL).

**Arsenic - As:** 0.2 - 0.3 g sample is digested with 1.5 ml of perchloric 70% and 0.5 ml of conc. nitric acid. A Varian AA-475 equipped with an As-EDL is used to ~~measure~~ arsenic content in the digest.

**Barium - Ba:** 0.1 g sample digested overnight with conc. perchloric, nitric and hydrofluoric acid; Potassium chloride added to prevent ionization. Atomic absorption using a nitrous oxide-acetylene flame determines Ba from the aqueous solution.

**Bismuth - Bi:** 0.2 g - 0.3 g is digested with 2.0 ml of perchloric 70% and 1.0 ml of conc. nitric acid. Bismuth is determined directly from the digest with an AA-475 complete with EDL.

**Gold - Au:** 10.0 g sample is digested with aqua regia (1 part nitric and 3 parts hydrochloric acid). Gold is extracted with MIBK from the aqueous solution. AA is used to determine Au.

**Magnesium - Mg:** 0.05 - 0.10 g sample is digested with 4 ml perchloric/nitric acid (3:1). An aliquot is taken to reduce the concentration to within the

range of atomic absorption. The AA-475 with the use of a nitrous oxide flame determines Mg from the aqueous solution.

**Tungsten - W:** 1.0 g sample sintered with a carbonate flux and thereafter leached with water. The leachate is treated with potassium thiocyanate. The yellow tungsten thiocyanate is extracted into tri-n-butyl phosphate. This permits colourimetric comparison with standards to measure tungsten concentration.

**Uranium - U:** An aliquot from a perchloric-nitric decomposition, usually from the multi-element digestion, is buffered. The aqueous solution is exposed to laser light, and the luminescence of the uranyl ion is quantitatively measured on the UA-3 (Scintrex).

\* N.B. If additional elemental determinations are required on panned samples, state this at the time of sample submission. Requests after gold determinations would be futile.

#### LOWEST VALUES REPORTED IN PPM

Ag - 0.2	Mn - 20	Zn - 1	Au - 0.01
Cd - 0.2	Mo - 1	Sb - 1	W - 2
Co - 1	Ni - 1	As - 1	U - 0.1
Cu - 1	Pb - 1	Ba - 10	
Fe - 100	V - 10	Bi - 1	

EJvL/ie  
March 14, 1984

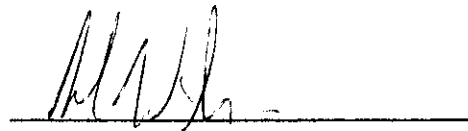
APPENDIX II

AUTHORS QUALIFICATIONS

AUTHORS QUALIFICATIONS

I, Robert G. Wilson of 3328 West 15th. Avenue, City of Vancouver, Province of British Columbia, do hereby certify that:

1. I have been employed as a Project Geologist for Noranda Exploration Company, Limited (no personal liability) from 1983 to the present.
2. I graduated from the University of British Columbia in 1976 with a B.Sc. degree in Geology.
3. I have worked in mineral exploration since 1973 and practiced my profession as a geologist since 1976.
4. I am a member of the Geological Association of Canada (Cordillera Division).



Rob Wilson  
Project Geologist

APPENDIX III  
STATEMENT OF COSTS

NORANDA EXPLORATION COMPANY, LIMITED

STATEMENT OF COST

PROJECT FORBIDDEN PLATEAU

DATE FEBRUARY 24, 1987

TYPE OF REPORT GEOCHEMICAL

a) Wages: FIELD TECHNICIAN I

No. of Days 12

Rate per Day \$ 110.00

Dates From: Oct. 21 - Nov. 5, 1986

Total Wages 12 X \$ 110.00 \$1320.00

Wages: FIELD TECHNICIAN II

No. of Days 19

Rate per Day \$ 82.50

Dates From: Oct. 14 - Nov. 5, 1986

Total Wages 19 X \$ 82.50 \$1567.50

b) Food and Accomodation:

No. of Days 31 Man Days

Rate per Day \$ 45.00/Man Day

Dates From: Oct. 14 - Nov. 5, 1986

Total Cost 31 X \$ 45.00 \$1395.00

c) Transportation:

Mileage Charge 32.2¢/Km.

Kilometers 1792 Km.

Dates From: Oct. 14 - Nov. 5, 1986

Total Cost 1792 X 32.2 ¢ \$ 577.02

Gas \$ 150.00

Ferry \$ 46.00



d) Analysis		\$ 5861.50
	(See attached schedule)	
e) Cost of preparation of Report		
Author		\$ 300.00
Drafting		\$ 300.00
Typing		\$ 300.00
f) Other:		
	CONTRACTOR	
	<u>MARTINSON LINECUTTING</u>	
	Total Cost	\$6091.44
	Previously Claimed	<u>-\$4000.00</u>
	Total Unclaimed	\$2091.44
		\$ 2091.44
	<u>SUPPLIES</u>	
	Bags 17.75/100 X 617	<u>\$ 109.52</u>

Total Cost \$14,017.96

g) Unit costs for GEOCHEMISTRY	
No. of Days	31 Man Days
No. of Units	617 Samples
Unit Costs	22.78/Sample
Total Cost	617 X 22.78= \$14,017.96

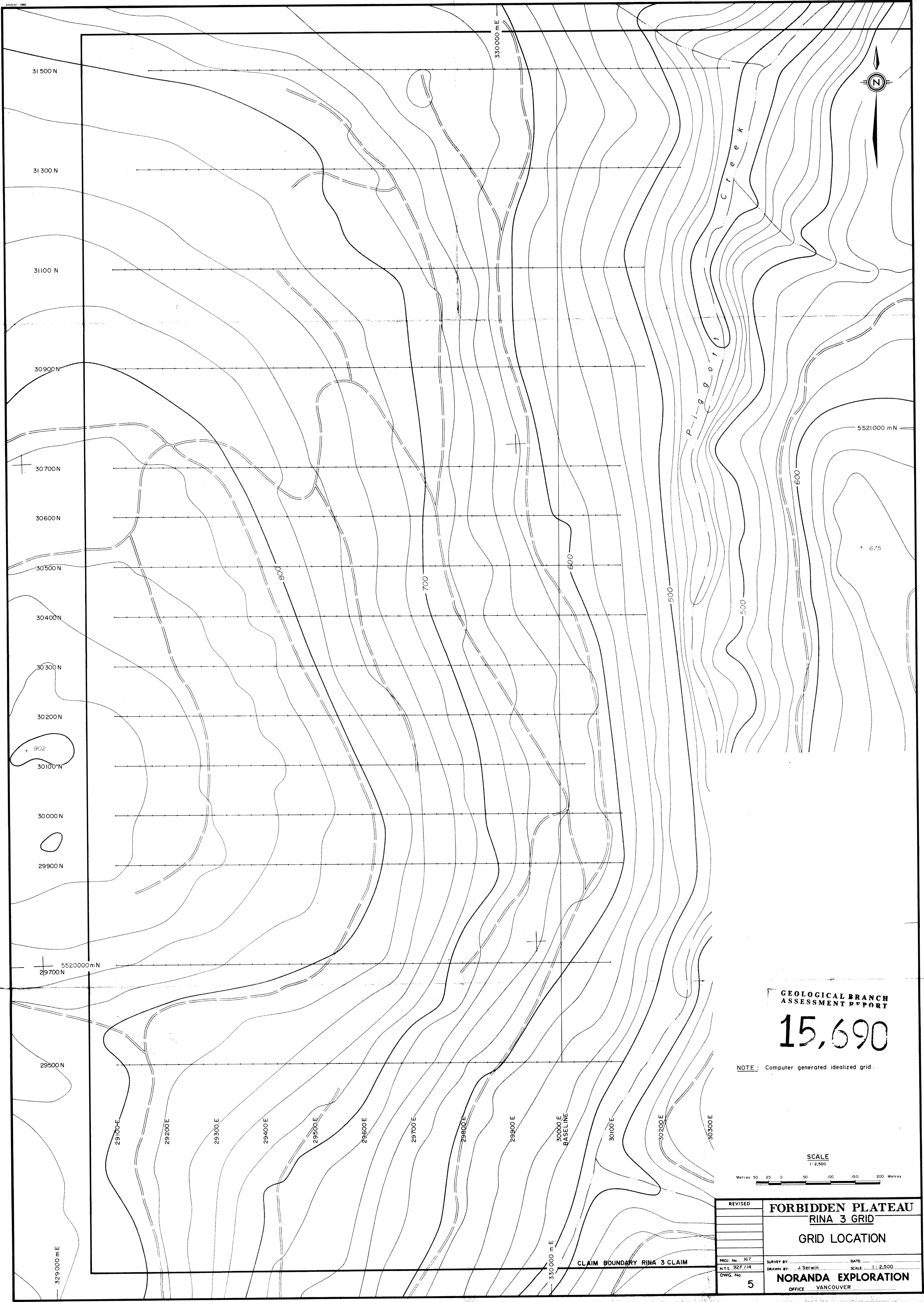
NORANDA EXPLORATION COMPANY, LIMITED  
(WESTERN DIVISION)

DETAILS OF ANALYSES COSTS

PROJECT: FORBIDDEN PLATEAU

<u>ELEMENT</u>	<u>NO. OF DETERMINATIONS</u>	<u>COST PER DETERMINATION</u>	<u>TOTAL COSTS</u>
Au	617	9.50	
As	617	9.50	
Cu	617	9.50	
Pb	617	9.50	
Zn	617	9.50	
Ag	617	9.50	
Mo	617	9.50	5861.50

5861.50

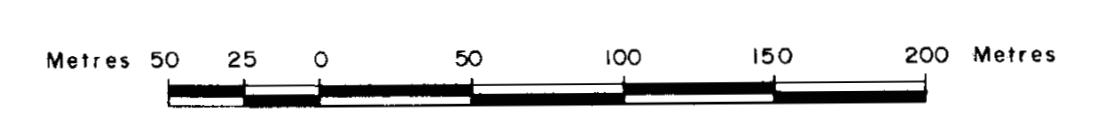


GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**15,690**

NOTE: Computer generated idealized grid.

SCALE  
1:2,500



REVISED	<b>FORBIDDEN PLATEAU RINA 3 GRID</b>	
	<b>GRID LOCATION</b>	
PROJ. No. 167	SURVEY BY: J. Serwin	DATE:
N.T.S. 92F/14	DRAWN BY:	SCALE: 1:2,500
DWG. No. 5	<b>NORANDA EXPLORATION</b>	
	OFFICE VANCOUVER	

CLAIM BOUNDARY RINA 3 CLAIM

329 000 m E

330 000 m E

330 000 m E

31 500 N  
31 300 N  
31 100 N  
30 900 N  
30 700 N  
30 600 N  
30 500 N  
30 400 N  
30 300 N  
30 200 N  
30 100 N  
30 000 N  
29 900 N

552 000 m N  
29 700 N

552 000 m N

29 100 E 29 200 E 29 300 E 29 400 E 29 500 E 29 600 E 29 700 E 29 800 E 29 900 E 30 000 E BASELINE 30 100 E 30 200 E 30 300 E

600

700

600

500

500

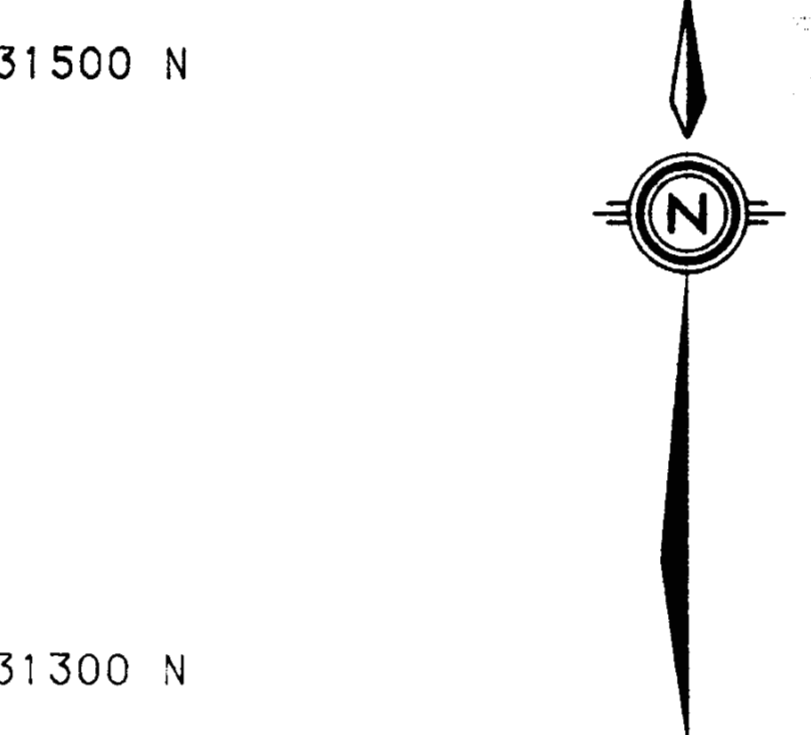
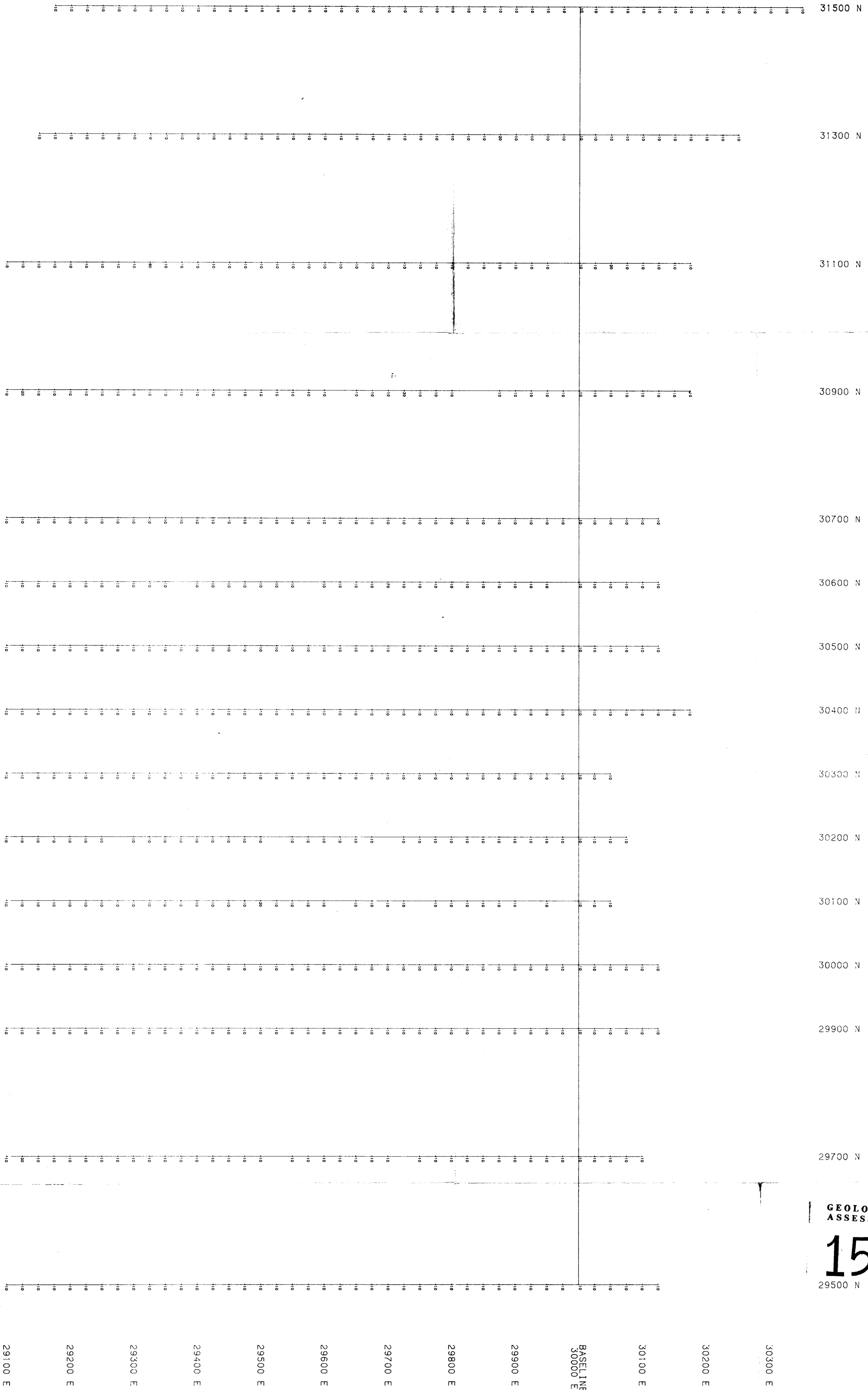
600

+ 675

+ 902

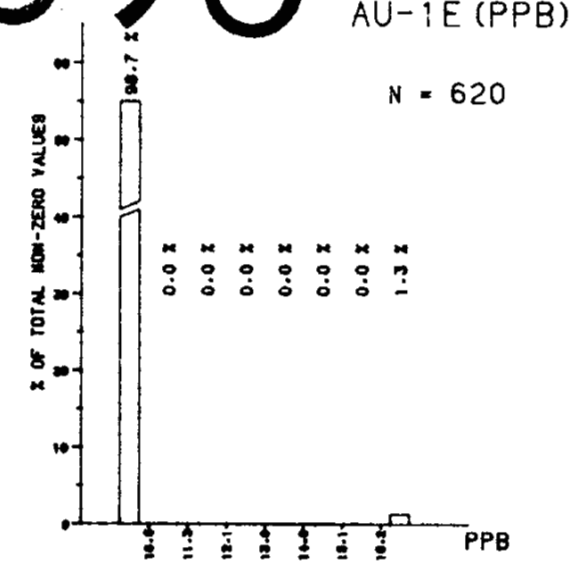
Pigport  
Creek





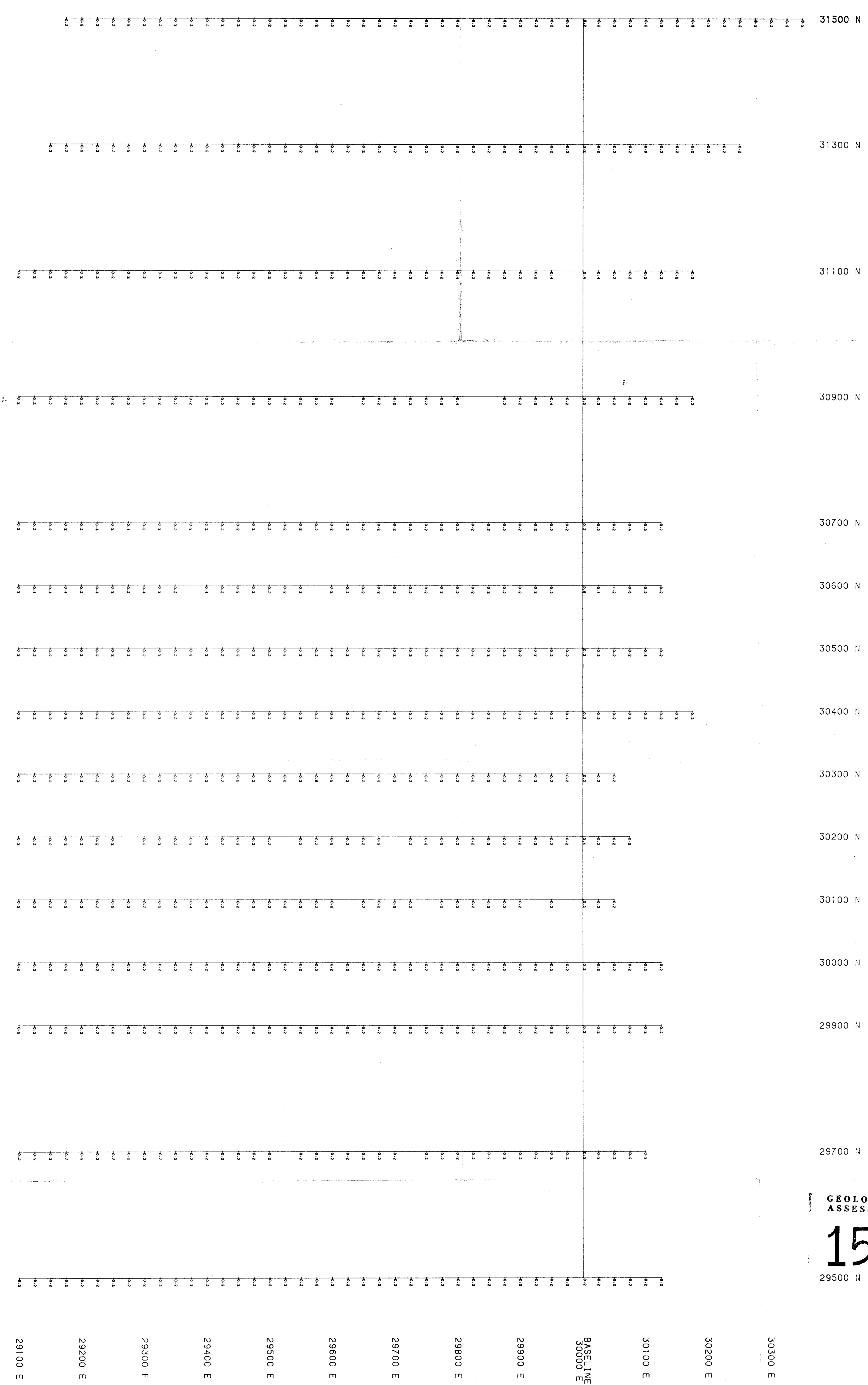
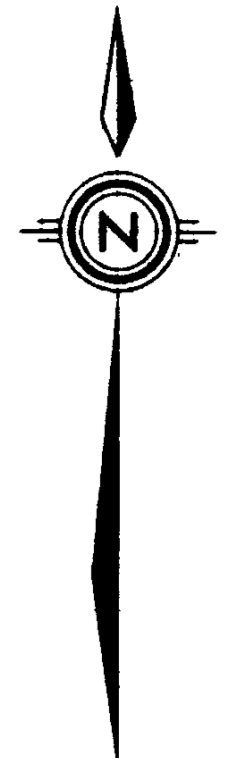
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,690** AU-1E (PPB)  
N = 620



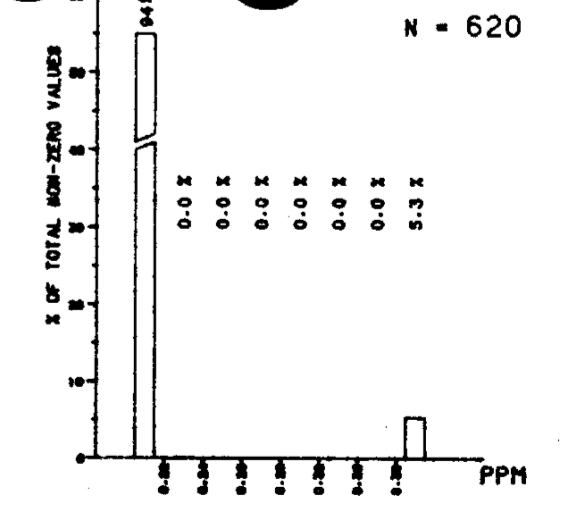
**SUMMARY STATISTICS FOR AU (1E)**  
 STATISTIC BASED ON 620 VALUES  
 LOW VALUE: 10      HIGH VALUE: 60  
 LOGARITHMIC STATISTICS:  
 MEAN = 1.21      STD. DEV. = 0.083 620  
 RANGE = 1.21      RANGE = 13.51  
 ALL VALUES IN PPB

REVISED	<b>FORBIDDEN PLATEAU</b>	
	RINA 3 GRID SOILS AU IN PPB	
PROJ. No. 187	SURVEY BY: E.V.	DATE: FEB-20-1987
N.T.S. 092F14	DRAWN BY: SIS/YMC	SCALE: 1:2500
DWG. No. 6	<b>NORANDA EXPLORATION</b> OFFICE: VANCOUVER	



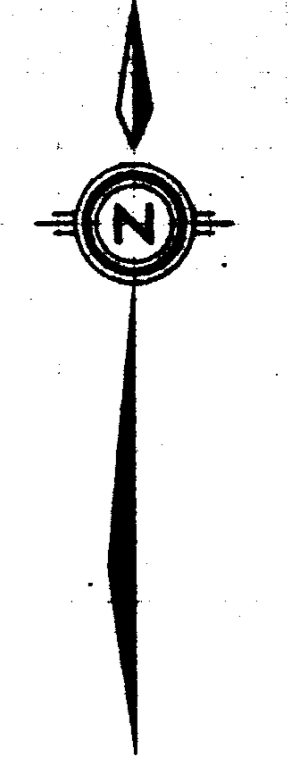
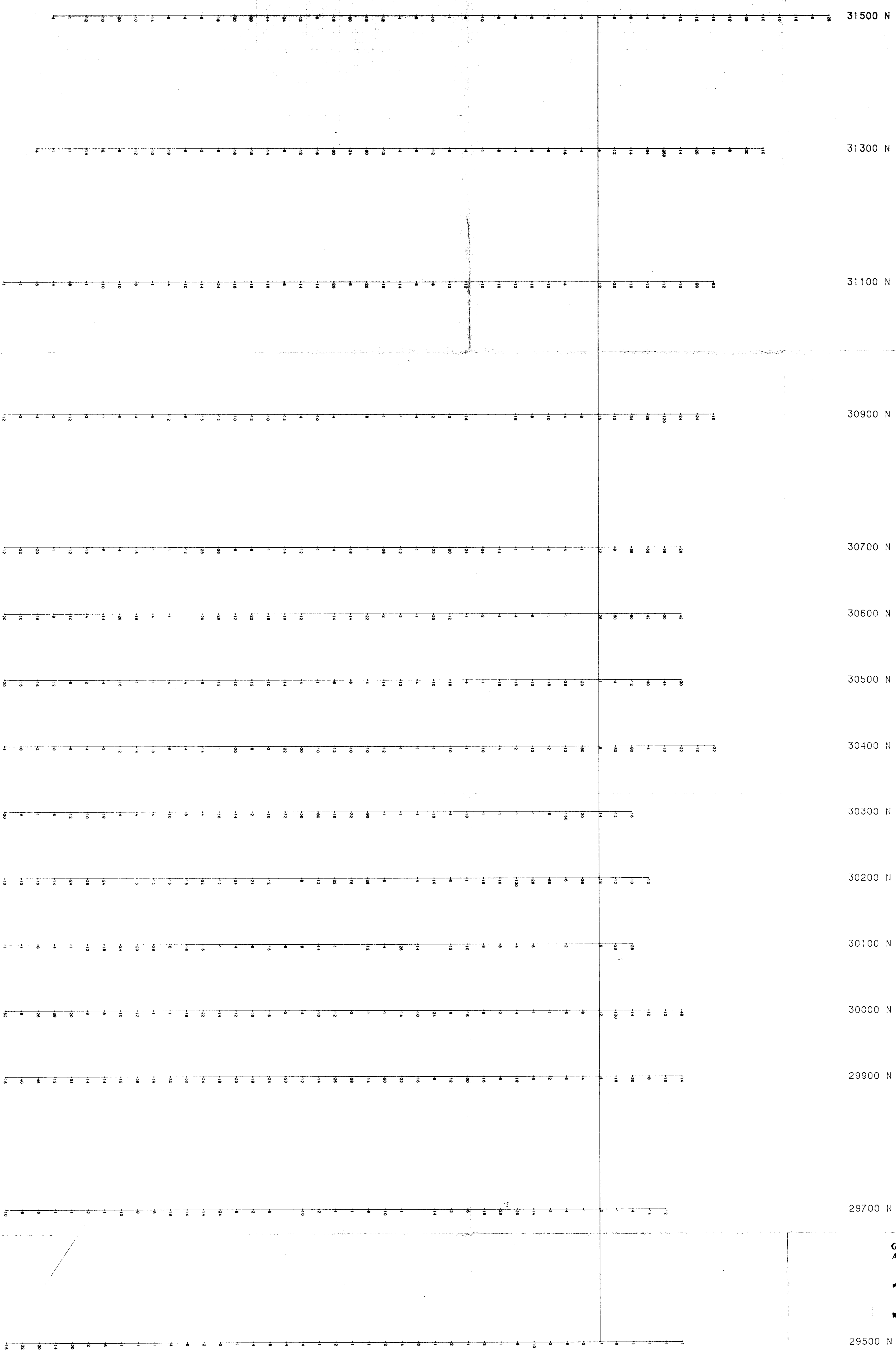
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,690** AG-1A (PPM)  
N = 620



**SUMMARY STATISTICS FOR AG (1A)**  
STATISTICS BASED ON 620 VALUES  
LOW VALUE: 0.00 HIGH VALUE: 1.3  
LOGARITHMIC STATISTICS:  
MEAN: 0.14 STDEV: 0.081 6.081  
COEFF: 0.514  
ALL VALUES IN PPM

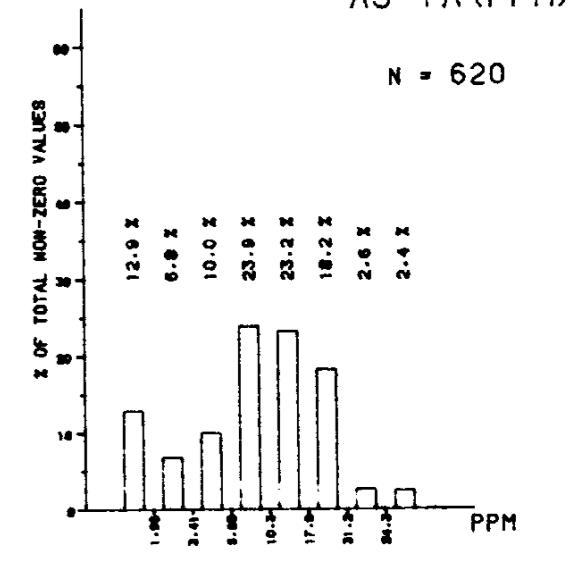
REVISED	<b>FORBIDDEN PLATEAU</b>	
	<b>RINA 3 GRID SOILS AG IN PPM</b>	
PROJ. No. 157	SURVEY BY: S.M.	DATE: FEB-24-1987
N.Y.S. 082F14	DRAWN BY: SIB/YMC	SCALE: 1:2500
DWG. No. 7	<b>NORANDA EXPLORATION</b> OFFICE: VANCOUVER	



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,690**

AS-1A (PPM)  
N = 620



**SUMMARY STATISTICS FOR AS (1A)**  
 STATISTICS BASED ON 620 VALUES  
 LOW VALUE: 1.0 HIGH VALUE: 850  
 LOGAR: THMIC STATISTICS  
 MEAN: 15690.00 STD DEV: 2748.00  
 ALL VALUES IN PPM

29500 N

29700 N

29900 N

30100 N

30200 N

30300 N

30400 N

30500 N

30600 N

30700 N

30900 N

31100 N

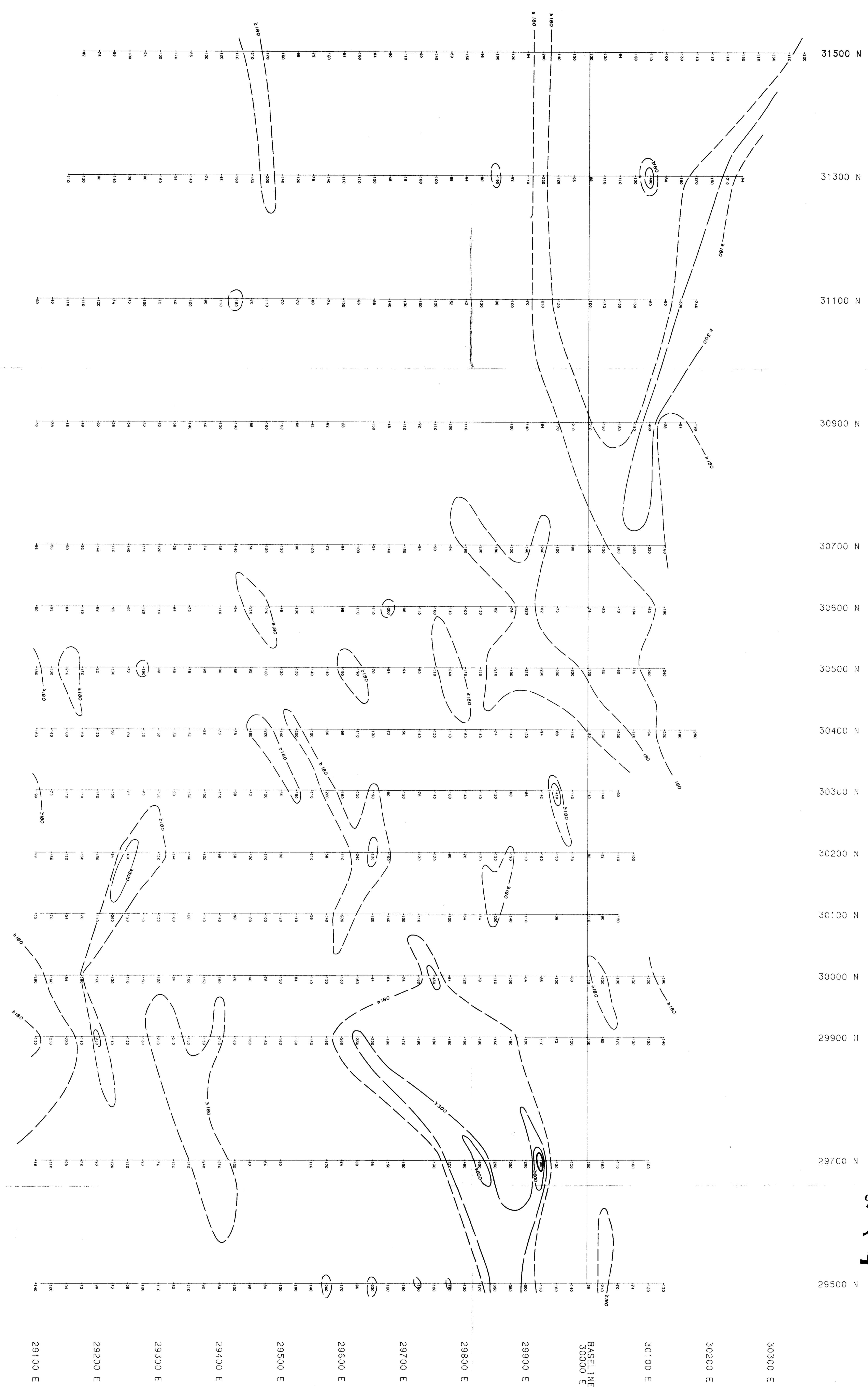
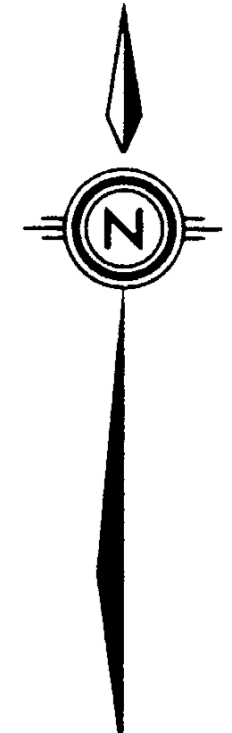
31300 N

31500 N

29100 E 29200 E 29300 E 29400 E 29500 E 29600 E 29700 E 29800 E 29900 E 30000 E BASELINE 30000 E 30100 E 30200 E 30300 E

REVISED	FORBIDDEN PLATEAU	
	RINA 3 GRID SOILS AS IN PPM	
PROJ. No. 187	SURVEY BY: R.M.	DATE: FEB. 20, 1987
N.T.S. 092F:4	DRAWN BY: GIS/YANC	SCALE: 1:2500
DWG. No. 8	<b>NORANDA EXPLORATION</b> OFFICE: VANCOUVER	



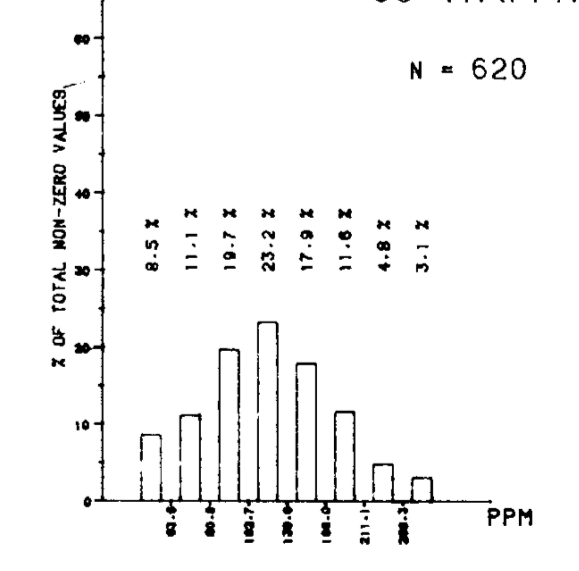


**LEGEND**

- GEOCHEMICAL CONTOURS**
- ≥ 180 ppm Cu
  - ≥ 300 ppm Cu
  - ≥ 600 ppm Cu
  - ≥ 900 ppm Cu

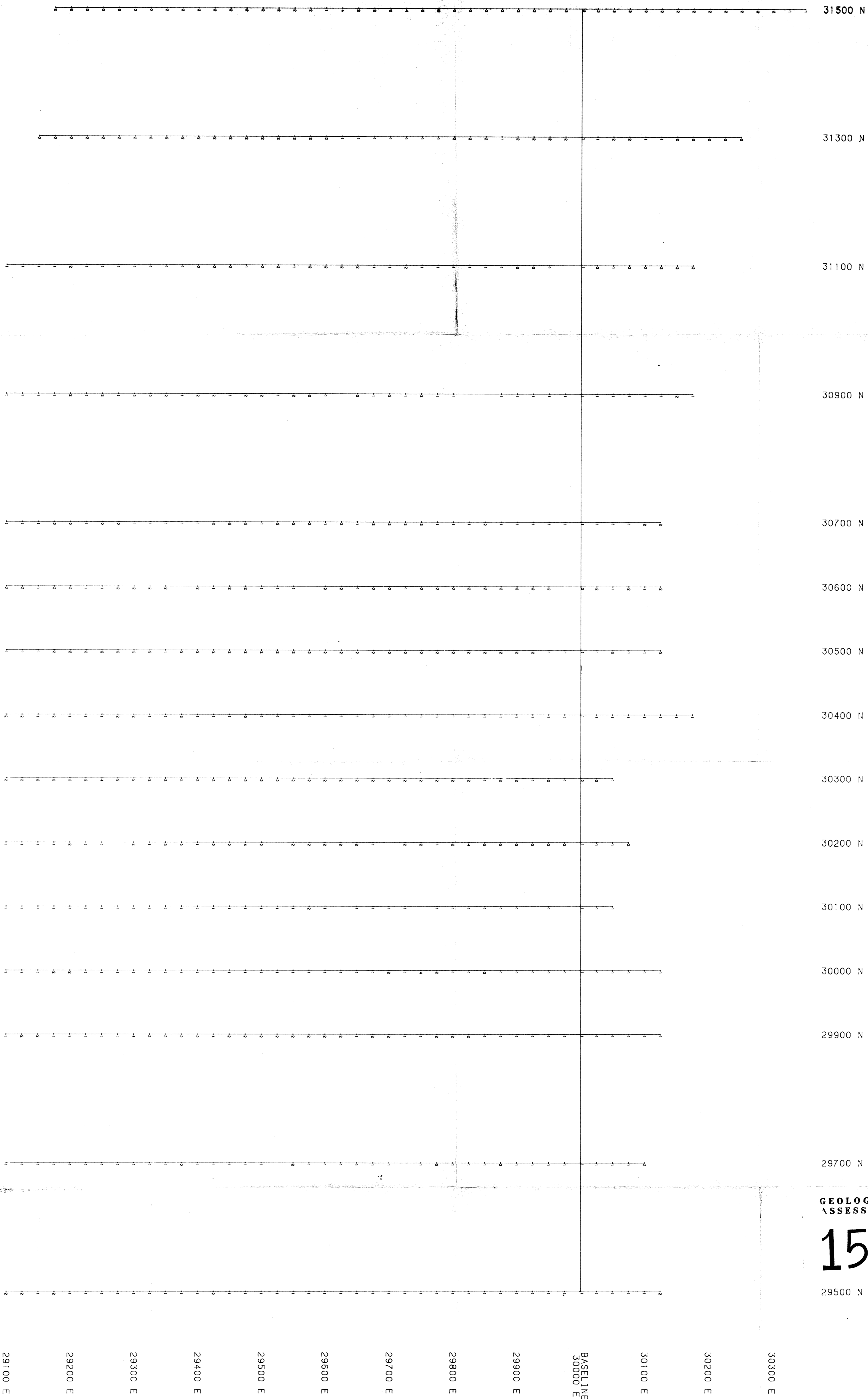
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,690**  
CU-TA (PPM)  
N = 620



**SUMMARY STATISTICS FOR CU (TA)**  
 STATISTICS BASED ON 620 VALUES  
 LOW VALUE: 18 HIGH VALUE: 900  
 LOGARITHMIC STATISTICS:  
 MEAN = 112.20 STDEV = 0.208 6.000  
 MOD = 18 RANGE = 180.00  
 ALL VALUES IN PPM

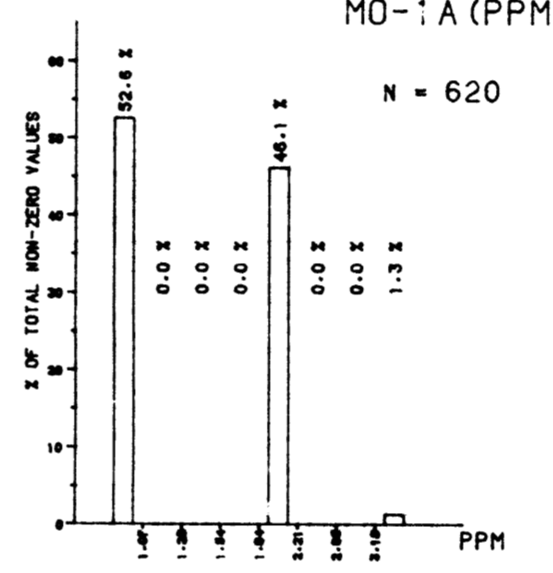
REVISED	FORBIDDEN PLATEAU	
	RINA 3 GRID SOILS CU IN PPM	
PROJ. No. 187	SURVEY BY: R.J.M.	DATE: FEB. 20, 1987
NTS. 2927.14	DRAWN BY: GIS, YANC	SCALE: 1:2500
DWG. No. 9	<b>NORANDA EXPLORATION</b> OFFICE: VANCOUVER	



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

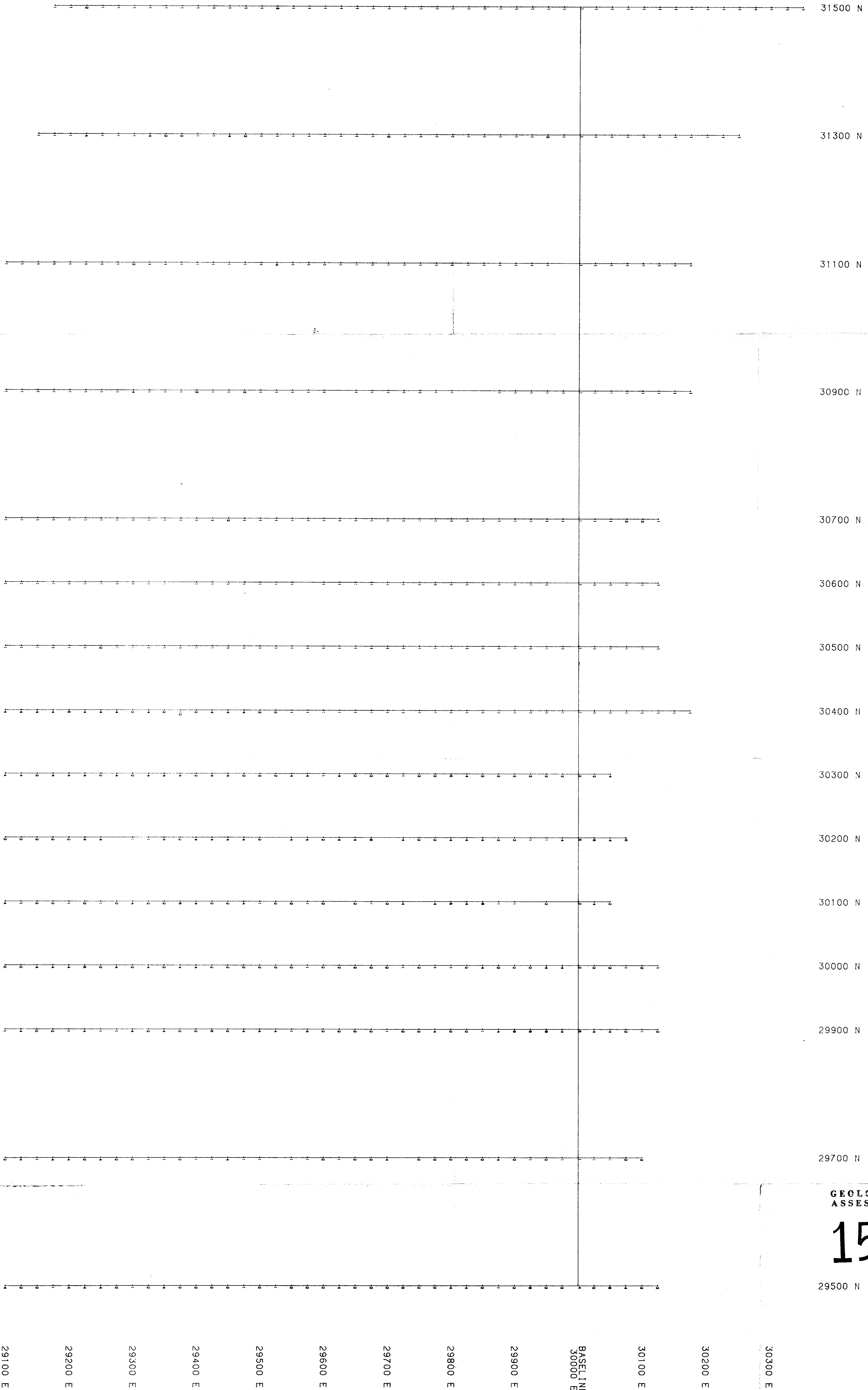
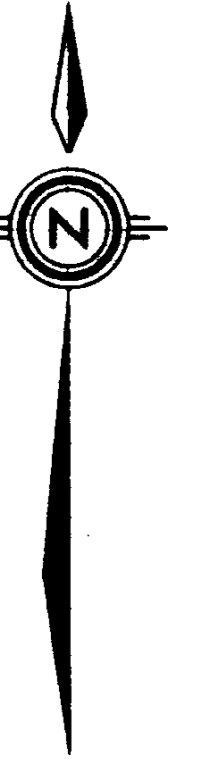
**15,690**

MO-1A (PPM)  
N = 620



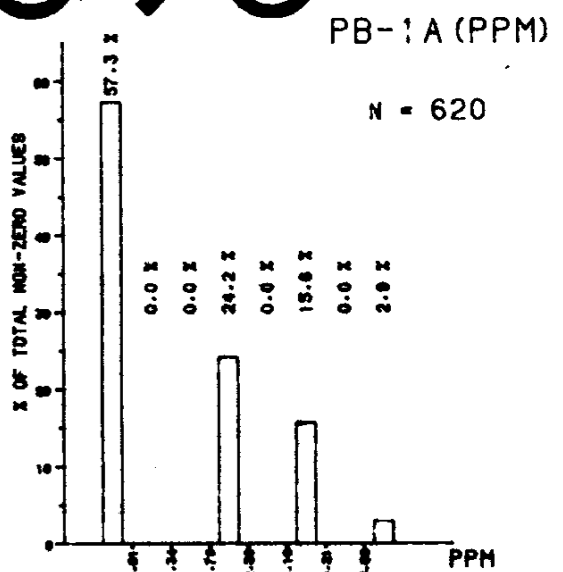
**SUMMARY STATISTICS FOR MO (1A)**  
STATISTICS BASED ON 620 VALUES  
LOW VALUE: 1.0 HIGH VALUE: 4.0  
LOGARITHMIC STATISTICS:  
MEAN: 1.56 STDEV: 0.158 (LSD)  
MODE: 1.0 RANGE: 3.0  
ALL VALUES IN PPM

REVISED	FORBIDDEN PLATEAU	
	RINA 3 GRID SOILS MO IN PPM	
PROJ. No. 187	SURVEY BY: R.L.K.	DATE: FEB-24-1987
N.T.S. 5000:1	DRAWN BY: RIB/YANG	SCALE: 1:2500
DWG. No. 10	<b>NORANDA EXPLORATION</b> OFFICE: VANCOUVER	



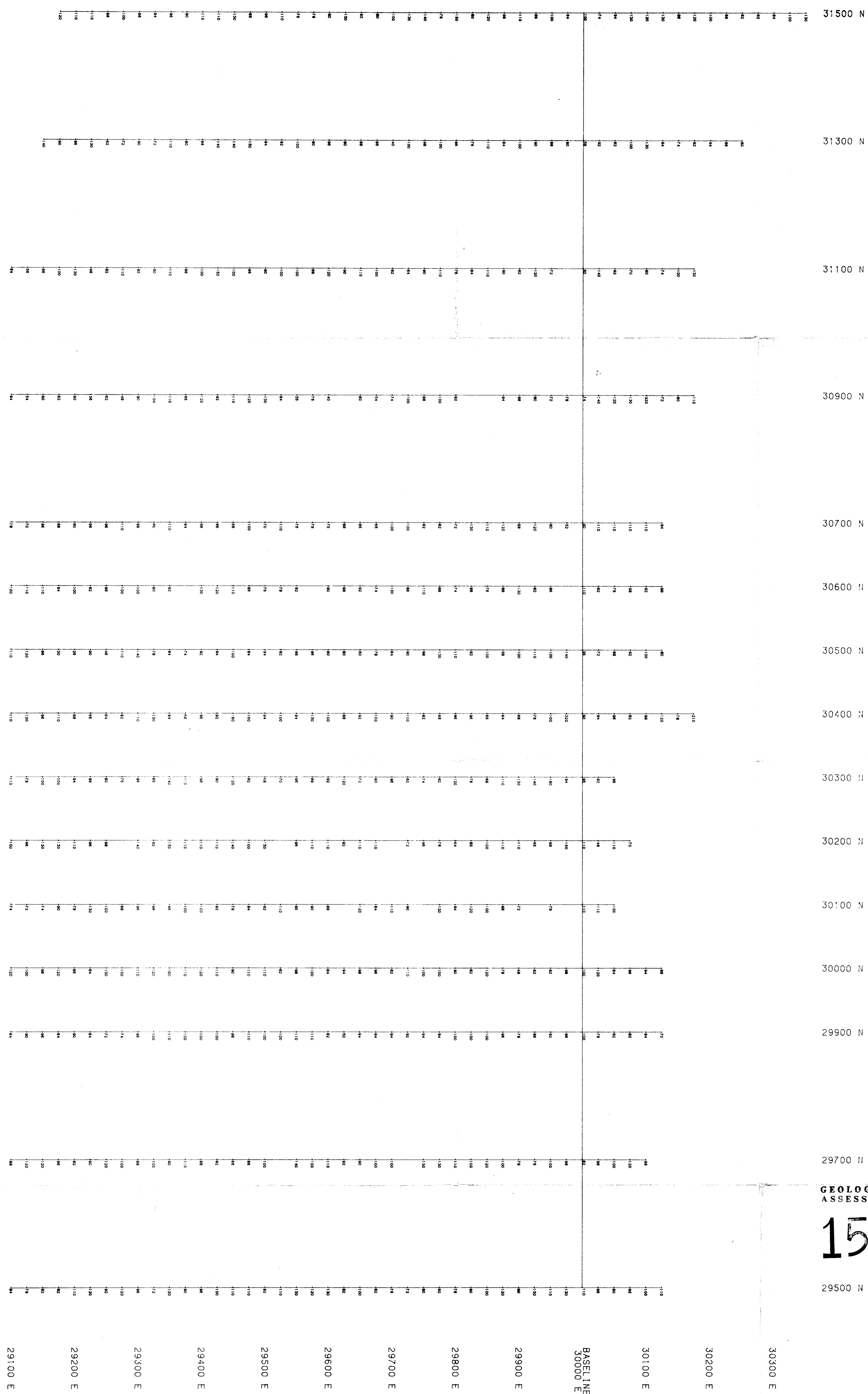
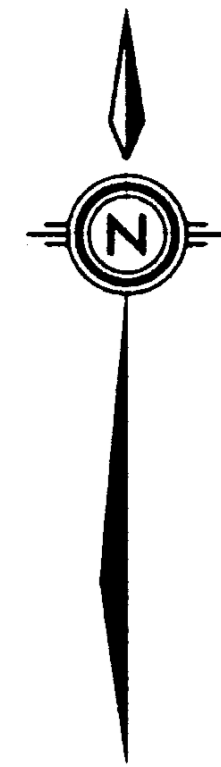
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,690** PB-1A (PPM)  
N = 620



**SUMMARY STATISTICS FOR PB (1A)**  
STATISTICS BASED ON 620 VALUES  
LOW VALUE: 1.0 HIGH VALUE: 10  
LOGARITHMIC STATISTICS: 1.0000 0.0000  
MEAN: 1.10 STD DEV: 1.10  
ALL VALUES IN PPM

REVISED	FORBIDDEN PLATEAU	
	RINA 3 GRID SOILS PB IN PPM	
PROJ. No. 187	SURVEY BY: R.M.	DATE: FEB. 24, 1987
ALTS. 092714	DRAWN BY: GISCYANG	SCALE: 1:25000
DWG. No. 11	<b>NORANDA EXPLORATION</b> OFFICE: VANCOUVER	



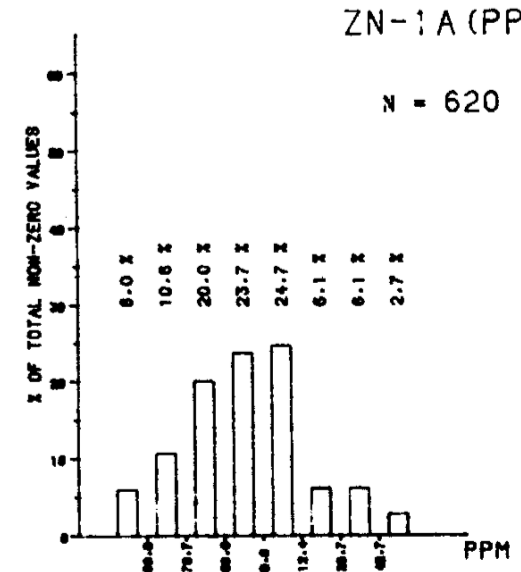
31500 N  
31300 N  
31100 N  
30900 N  
30700 N  
30600 N  
30500 N  
30400 N  
30300 N  
30200 N  
30100 N  
30000 N  
29900 N  
29700 N  
29500 N

29100 E  
29200 E  
29300 E  
29400 E  
29500 E  
29600 E  
29700 E  
29800 E  
29900 E  
BASELINE 30000 E  
30100 E  
30200 E  
30300 E

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,690**

ZN-1A (PPM)  
N = 620



**SUMMARY STATISTICS FOR ZN (1A)**  
STATISTICS BASED ON 620 VALUES  
LOW VALUE: 28 HIGH VALUE: 200  
LOGARITHMIC STATISTICS: MEAN: 100.000 STDEV: 21.135  
COEFF. OF VAR: 0.21135  
ALL VALUES IN PPM

REVISED	FORBIDDEN PLATEAU	
	RINA 3 GRID SOILS ZN IN PPM	
PROJ. No. 167	SURVEY BY: B.J.	DATE: FEB-20-1987
N.T.S. - 0.825:1	DRAWN BY: GIS/AMC	SCALE: 1:2500
DWG. No. 12	<b>NORANDA EXPLORATION</b> OFFICE: VANCOUVER	