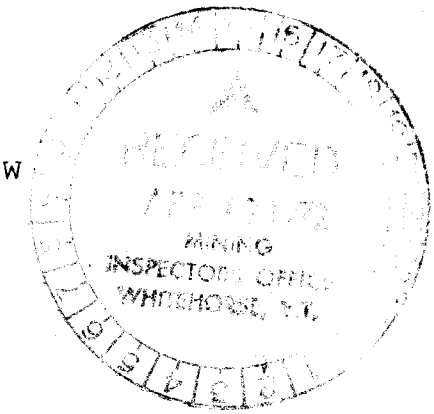
A GEOCHEMICAL REPORT ON THE

KD, AC AND A PORTION OF THE MX CLAIMS,

WHITEHORSE MINING DISTRICT,

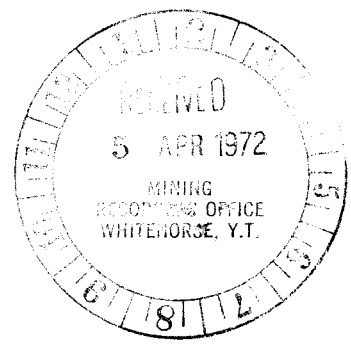
YUKON TERRITORY

LATITUDE 62°27'N, LONGITUDE 133°13'W



for

KANGAROO EXPLORATION CORPORATION



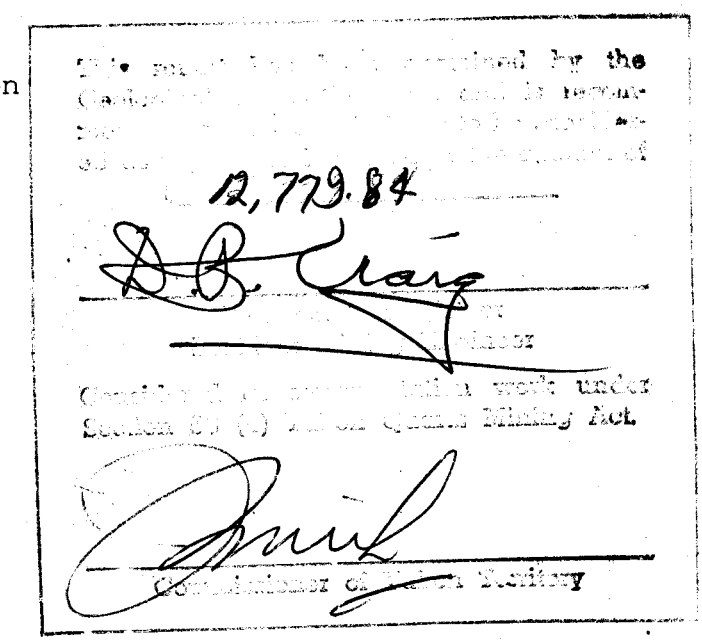
by

J. B. P. Sawyer, P.Eng.

and

G. A. Jilson

March 1972



CONTENTS

INTRODUCTION

This report deals with a geochemical survey conducted on the KD, AC, and MX claims; a portion of the Mt. Mye Property owned by Kangaroo Exploration Corporation, a subsidiary of Cyprus Mines Corporation. The survey was conducted from 23 July to 20 September, 1971.

LOCATION AND ACCESS

The Mt. Mye property is located 8 miles northeast of the Anvil Mine in the Whitehorse Mining District on Sheet 105-K-6. The latitude and longitude is approximately 62°27'N, 133°13'W.

The property is accessible by helicopter from Faro 16 miles to the south or via a tote road extending from the Anvil Mine.

CLAIMS

The property consists of 311 full sized mineral claims duly recorded with the Mining Recorder in Whitehorse. The claims are listed below.

Claim Name	Record Number	Recording Date	Expiry Date
MX - 49 claims			
MX 1	Y30497	11-3-69	11-3-73
2	498	"	11-3-74
3	499	"	11-3-73
4	500	"	11-3-74
5	501	"	11-3-73
6	502	"	11-3-74
MX 7-13	Y30503-509	"	11-3-73
MX 25-28	Y30521-24	"	"
30	Y30526	"	"
56-62	Y30552-558	"	"
119-122	Y30591-594	"	"
182-187	Y30641-646	"	"
186A-187A	Y30647-648	"	"
188-191	Y30649-652	"	"
192	Y60514	5-4-71	5-4-72
193	Y30654	11-3-69	11-3-73
194	Y60515	5-4-71	5-4-72
195	Y30656	11-3-69	11-3-73
178-181	Y30637-640	"	"

Claim Name	Record Number	Recording Date	Expiry Date
TIM - 32 claims			
TIM 1-32	Y30297-30328	11-2-69	11-2-73
ZAN - 48 claims			
ZAN 1-14	Y25973-986	9-9-68	9-9-74
15	Y26126	23-9-68	9-9-73
16-24	Y25987-995	9-9-68	9-9-73
25-28	Y26127-130	23-9-68	23-9-73
29	Y26131	"	23-9-74
30	Y26132	"	23-9-73
31	Y26133	"	23-9-74
32	Y26134	"	23-9-73
33-36	Y26135-138	"	23-9-74
37-40	Y26139-142	"	23-9-73
41-44	Y26143-146	"	23-9-74
45-48	Y26147-150	"	23-9-73
AC - 30 claims			
AC 67-72	Y60492-97	5-4-71	5-4-72
75-88	Y60500-513	"	"
89-96	Y60516-523	"	"
111-112	Y60498-499	"	"
KD - 26 claims			
KD 1	Y61954	7-9-71	7-9-72
2	Y61962	"	"
3-4	Y62052-53	14-9-71	14-9-72
5-7	Y61955-57	7-9-71	7-9-72
8	Y61963	7-9-71	7-9-72
9-10	Y62071-72	15-9-71	15-9-72
11-12	Y62054-55	14-9-71	14-9-72
13-18	Y61964-969	7-9-71	7-9-72
19-22	Y62056-59	14-9-71	14-9-72
23-26	Y61958-61	7-9-71	7-9-72
JET - 48 claims			
JET 1-16	Y3142-57	17-3-66	17-3-73
18	Y3159	"	"
20	Y3161	"	"
22	Y3163	"	"
24	Y3165	"	"
45	Y3186	"	"
47	Y3188	"	"
49-64	Y3190-3205	"	"
93	Y3234	"	"
95	Y3236	"	"
97-104	Y3238-3245	"	"

Claim Name	Record Number	Recording Date	Expiry Date
AM - 14 claims			
AM 1-14	Y63877-890	5-11-71	5-11-72
TAF - 64 claims			
TAF 1-12	Y62459-472	29-9-71	29-9-72
13-20	Y62475-482	"	"
21-22	Y62465-66	"	"
23-24	Y62473-74	"	"
25-64	Y62483-62522	"	"

This report describes a geochemical survey that is being applied as assessment work to the AC claims, the KD claims and MX 192 and 194 for a total of 58 claims.

PREVIOUS WORK

The Mt. Mye property has been the subject of a fair amount of work mainly on the central portion.

Prior to aquisition by Kangaroo Exploration Corporation, airborne EM and magnetometer surveys, prospecting, reconnaissance gravity and some geochemical work were performed on the property.

Subsequent to Kangaroo's involvement the property has been subjected to systematic geochemical coverage on a reconnaissance basis, geological mapping as well as detailed geochemical work, I.P. surveying, and limited diamond drilling in the central area. The later detailed work was the subject of an assessment report by Kangaroo Exploration Corporation in 1971. This report discusses the systematic geochemical coverage and follow-up work on the western third of the property.

PHYSIOGRAPHY AND VEGETATION

Topographic relief in the area under consideration is 2000' with elevations ranging from 4200' to 6200'. For the most part the slopes are only moderately steep and the landforms have a smoothly rounded surface locally broken by more rugged and steeper areas of outcrop. Typical surface material is moss-covered felsenmeer. This smoothly rounded topography is developed on the schist and phyllite units and is in marked contrast to the steep and rugged topography characteristic of the Anvil Batholith to the southwest and less so of the greenstone unit to the northeast.

Drainage is into Rose Creek and into Anvil Creek.

Vegetation below 5200' consists of dense buck-brush with isolated patches of fir trees on the valley flanks. Above 5200' the bush gives way to open, moss-covered ground.

GEOLOGICAL SETTING

The property is underlain by three rock units, the Anvil Batholith of Cretaceous age, massive to schistose greenstone of Pennsylvanian or Permian age and strongly deformed metamorphic rocks thought to be lower Cambrian (Templeman-Kluit, 1968).

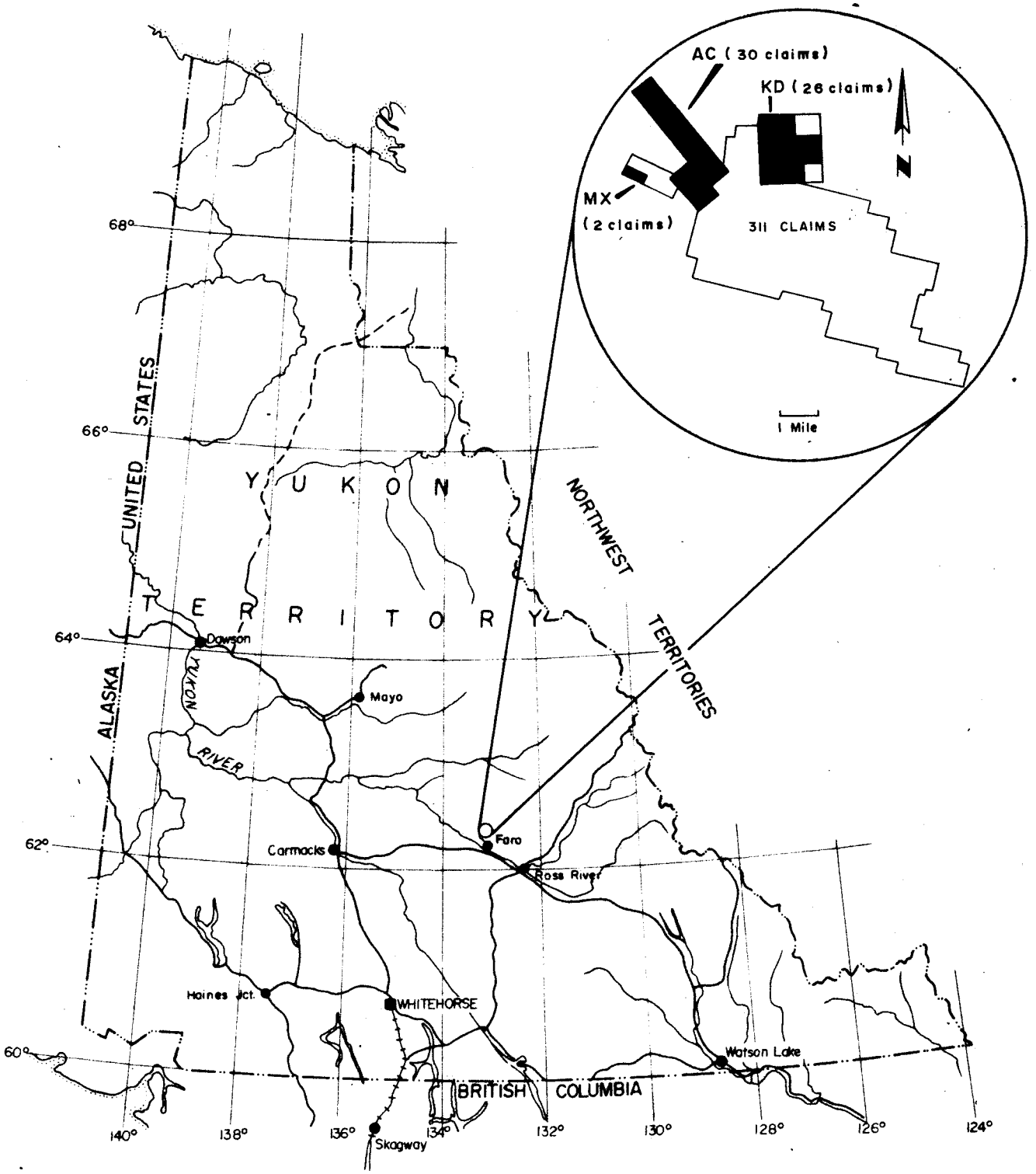
The lower Cambrian metasedimentary and metavolcanic rocks are host to three important lead-zinc deposits on the south side of the Anvil Batholith. On the north side these rocks crop out in a northwesterly trending belt roughly two miles wide, and consist mainly of pelitic phyllite and schist with subordinate chloritic, limy, graphitic and quartzose phyllite, greenstone, limestone and skarn.

The dominant structure in outcrop is a well developed metamorphic foliation locally observed to be a strain slip cleavage(S_2). This foliation is parallel to the axial planes of nearly isoclinal, similar mesoscopic folds(F_2) involving both compositional banding in limy rocks and a pre-existing metamorphic foliation(S_1) in chloritic schists. No mesoscopic folds were noted that could be unequivocally associated with the earlier metamorphic foliation but they must have been present prior to the second deformation.

The dominant foliation (S_2 or S_1 transposed parallel to a less well developed S_2) dips 25° to 60° northeast; F_2 axes trend generally northwest-southeast with a gentle northwesterly or southeasterly plunge.

Evidence for at least three later periods of folding is present. These were much less severe, producing variably developed foliation parallel to the axial plane of open to close, flexural slip, often chevron, mesoscopic folds and more obvious crenulation lineations. Megascopic folding due to the later events is only locally developed and appears to be quite variable in its effects. Two important axial trends appear to be north-northeasterly and east-northeasterly. The north-northeasterly may be the younger of the two.

The metamorphic assemblages formed during, or are closely related to, the first and second deformational events. Metamorphic grade increases markedly towards the Anvil Batholith progressing from phyllite to coarse-grained quartz+mica+garnet+staurolite schist. Although thin sections have not been studied this probably represents a transition from low greenschist facies



KANGAROO EXPLORATION CORPORATION

MT. MYE PROSPECT

PROPERTY LOCATION MAP

YUKON

SCALE : 1" = 100 MILES

FIGURE 1

to amphibolite facies metamorphism. Growth of metamorphic minerals during the later deformational events was not noticed in hand specimen. Retrograde effects are noticeable near the contact with the Anvil Batholith.

Pennsylvanian or Permian greenstones and minor associated pelitic, chloritic and limy slate, thin bedded quartzite and limestone crop out along the northeast edge of the property. These rocks are foliated and the foliation is axial planar to open to close concentric folds in clearly visible bedding in quartzite. This foliation is highly variable in orientation but generally dips shallowly. A crenulation lineation is locally developed on the foliation surface. The nature of the phyllite-greenstone contact is uncertain but a folded thrust is a possibility.

The Anvil Batholith consists, on the property, of medium to fine-grained muscovite biotite granodiorite. The rock is locally foliated but nowhere is the foliation clearly parallel to the contacts. The contact is generally concordant with the dominant metamorphic foliation in the schists but locally is clearly discordant. The batholith is cut by biotite+ hornblende quartz diorite and quartz feldspar porphyry with distinctive smoky quartz phenocrysts and very fine grained cream, buff or light green groundmass.

The only fault definitely present is a northerly trending normal fault with about 300' downthrow to the east; several other northerly trending faults are inferred. A number of other faults are postulated on the basis of linear airphoto features but cannot be proven to exist. One of the more important linear trends is northwesterly parallel to the trend of the Anvil Batholith and the Tintina Fault. The most prominent of these northwesterly linear features may reflect a normal fault with considerable downward displacement of the northeast block. The northwesterly trending linears may represent faults related to intrusion of the batholith and the northerly trending linears probably reflect faults that cut the batholith.

GEOCHEMISTRY

Description of Soil

P.M.D. Bradshaw (personal communication, 1971) classifies the soil in the Mt. Mye area as follows:

(1) Soil occurring on summits and flanks of rounded hills.

A_0 horizon - dark brown to black humic material.

A_1 horizon - dark brown, semi-decomposed humic material, gradational into the A_0.

A_3 horizon(?) - orange-red to brown organic and mineral matter. This is not always present.

B-C horizon - some brown loamy material, many angular pebbles of bedrock.

(2) Soil in valley bottoms where there is no outcrop.

Organic - undecomposed or semi-decomposed material.

Alluvium - fine grained, very silty.

Above 6000' the only available soil is of the B or C horizons and in places only fine rock fragments are present.

Methods and Procedure

Soil samples were collected from the B-C horizon generally from a depth of 8 inches to 1 foot using 3/4 inch diameter augers. The samples were placed in wet strength Kraft paper bags and partially dried in camp.

Sampling was initially carried out on lines spaced 1000 feet apart with samples at 200 foot intervals. The initial sampling was done by personnel on contract from Eastern Associates Reg. at a rate of $120 per mile. Follow-up sampling was done by Kangaroo Exploration Corporation personnel using the same procedure. Follow-up sampling was done on intervening lines in anomalous areas also with a 200' sample interval; thus portions of the property are sampled on a 500'x200' grid and the remainder on 1000'x200' grid.

Samples were transported to the Barringer Research Laboratory in Whitehorse where they were air dried at 70°C and sieved to minus 80 mesh on nylon screens. 250 mg of the -80 mesh fraction was digested in perchloric acid ($HClO_4$) and diluted to 10 ml. The resultant solution was submitted to atomic absorption and the metal value determined. Lead and zinc were determined by Mr. Doug Read in Barringer's Whitehorse Laboratory; copper was determined by Mr. Read in Barringer's Vancouver Labratory using samples prepared in Whitehorse.

Results

Histogram plots of the lead, zinc and copper results are provided in Figures 2, 3 and 4 respectively. It can be seen that both lead and zinc have large strongly anomalous populations and copper less so. It should be borne in mind that the strongly anomalous area is sampled in greater detail thus the sampling is biased towards the high side.

Because of the built-in sampling bias, calculations of the mean and standard deviation are not attempted for determination of threshold and definitely anomalous values. Cumulative frequency plots are provided in Figures 5, 6 and 7; from these plots threshold values and values beyond which samples are considered definitely anomalous are determined as:

	Threshold	Anomalous
Lead	50 ppm	90 ppm
Copper	50 ppm	90 ppm
Zinc	160 ppm	210 ppm

The distributions of sample values considered sub-anomalous for lead and copper are unimodal but the distribution for zinc is distinctly bimodal.

The survey has delineated a large area on the northern portion of the grid that is highly anomalous in lead and zinc and less so in copper with preliminary indications that a co-incident silver anomaly exists. The anomalous area is 2500' wide and 5000' long reaching peak values of 10,600 ppm Zn, 4800 ppm Pb, 1650 ppm Cu and 5.0 ppm Ag.

Southeast of the above anomaly is an area of patchy irregularly shaped smaller anomalies mostly of a much lower magnitude. A notable feature of this area is a 4000' long narrow zone of very high lead and zinc.

Discussion of Results

The large anomaly described above lies on top of a prominent hill with no glacial cover, thus it is unquestionably of local derivation. The northern, downhill portion of the anomaly represents at least in part downhill migration from a source on top of the hill. The metal distribution indicates copper is least mobile, lead slightly more mobile and zinc is probably highly mobile but also quite variable. The spatial distribution of the lead values in the transported portion fits the topography quite well, further suggesting downhill movement.

On top of the hill and on the uppermost flanks is the source area of the above transported anomaly. It is characterized by moderately to strongly anomalous values of all metals with local samples strongly anomalous in each metal. The soil in this area is essentially finely ground rock fragments thus the soil sample results may closely reflect the metal content of the underlying rocks. The distribution of samples may arise from a few "hot" spots in a background of relatively high bedrock metal content, or just a few very high metal content areas with mechanical dispersion of debris from these localities. Preliminary rock sampling data indicates the former may be true.

HISTOGRAM OF RESULTS — LEAD

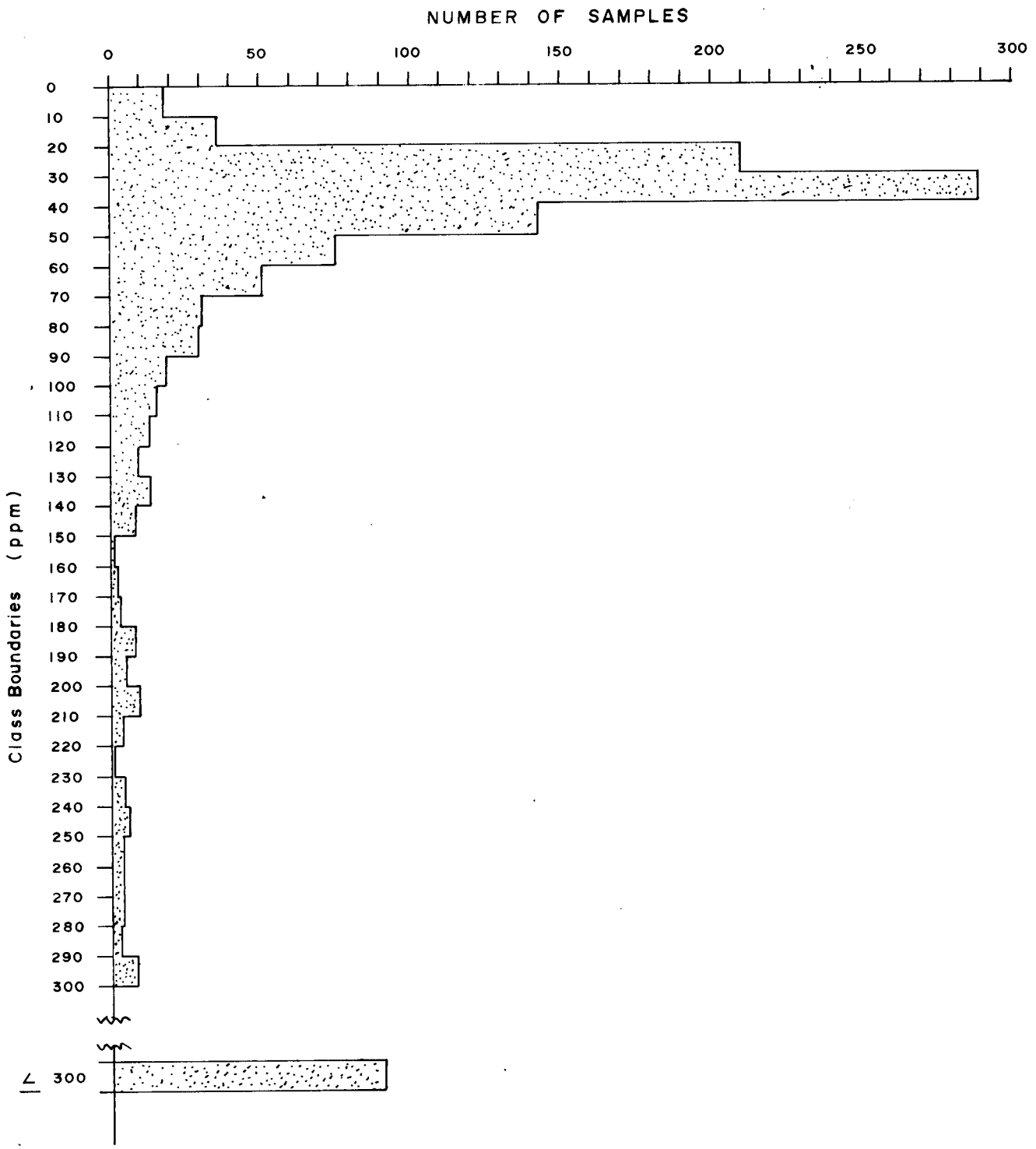


FIGURE 2

HISTOGRAM OF RESULTS-ZINC

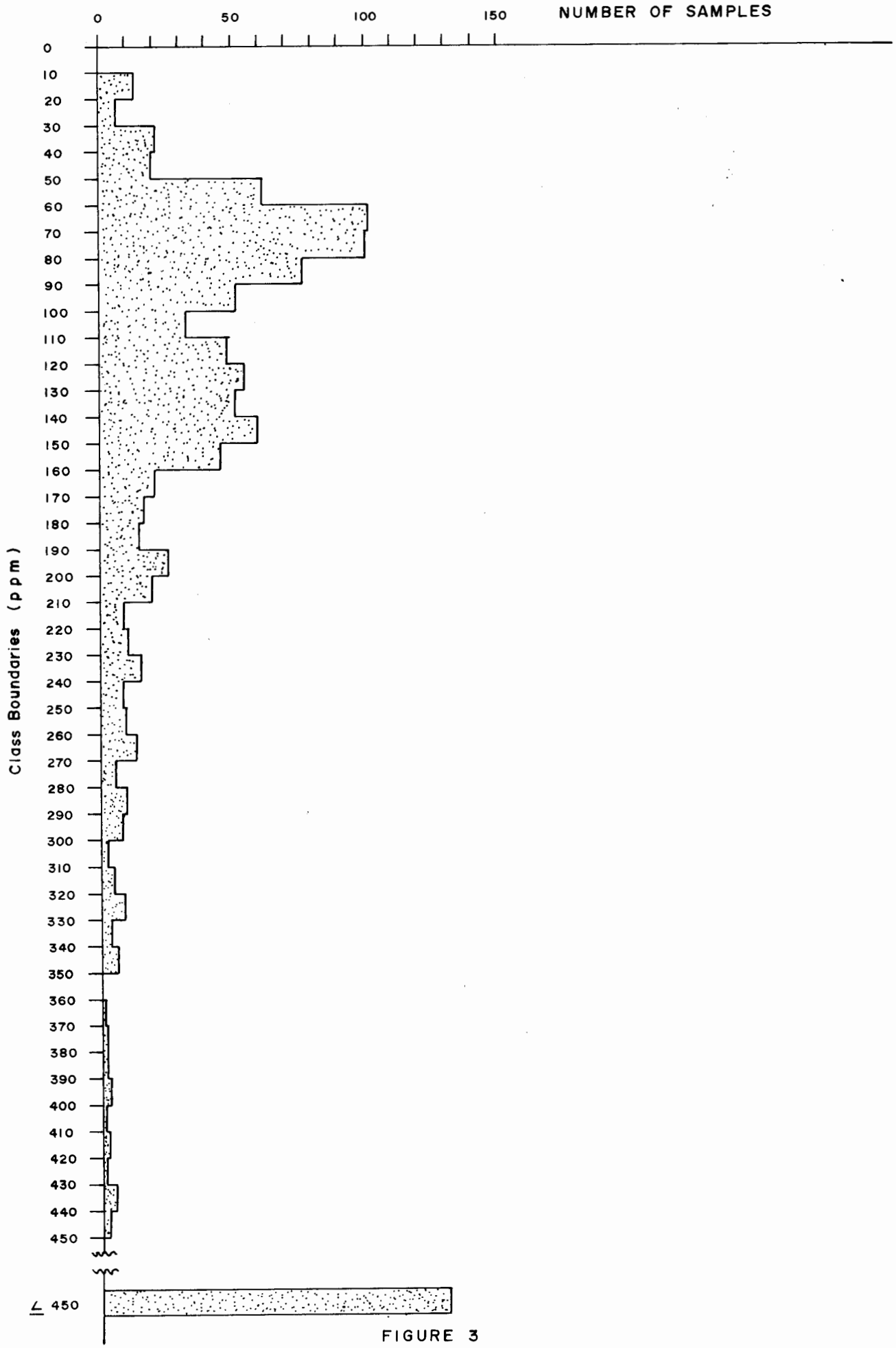


FIGURE 3

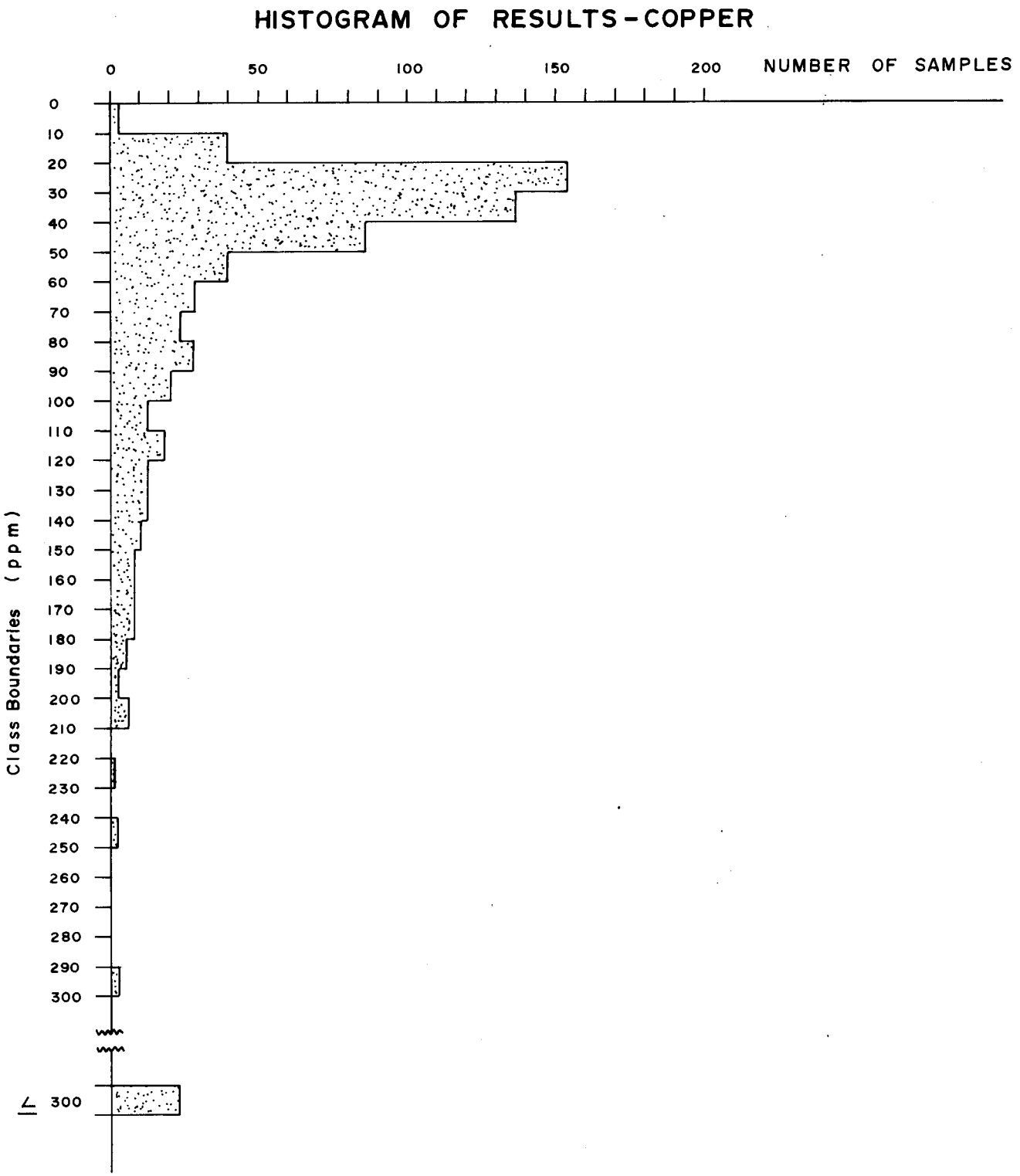

HISTOGRAM OF RESULTS - COPPER
0
50
100
150
200
NUMBER OF SAMPLES
Class Boundaries (ppm)
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
220
230
240
250
260
270
280
290
300
∠ 300

FIGURE 4

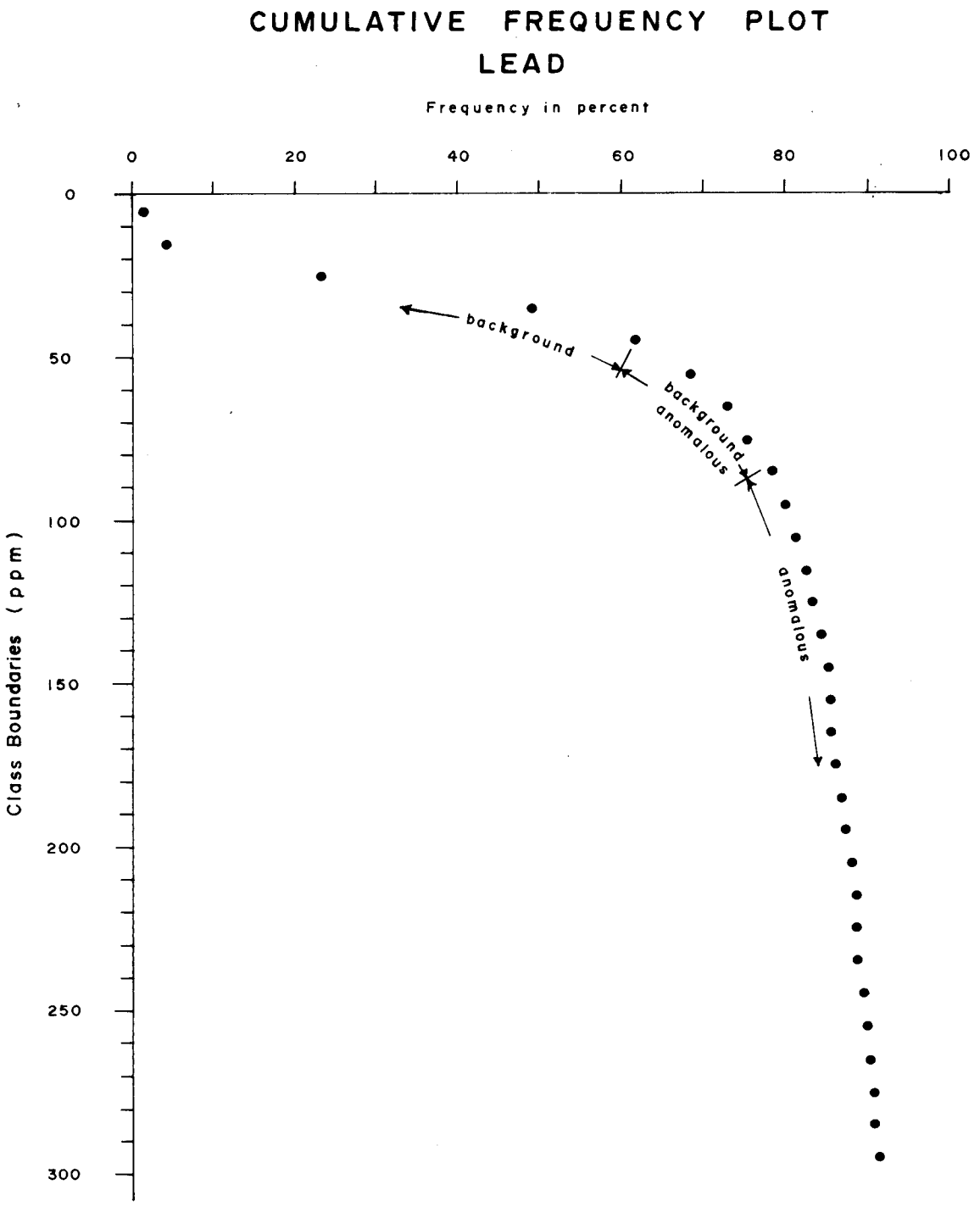

CUMULATIVE FREQUENCY PLOT
LEAD
Frequency in percent
0
20
40
60
80
100
Class Boundaries (ppm)
0
50
100
150
200
250
300
background
background anomalous
anomalous

FIGURE 5

CUMULATIVE FREQUENCY PLOT

ZINC

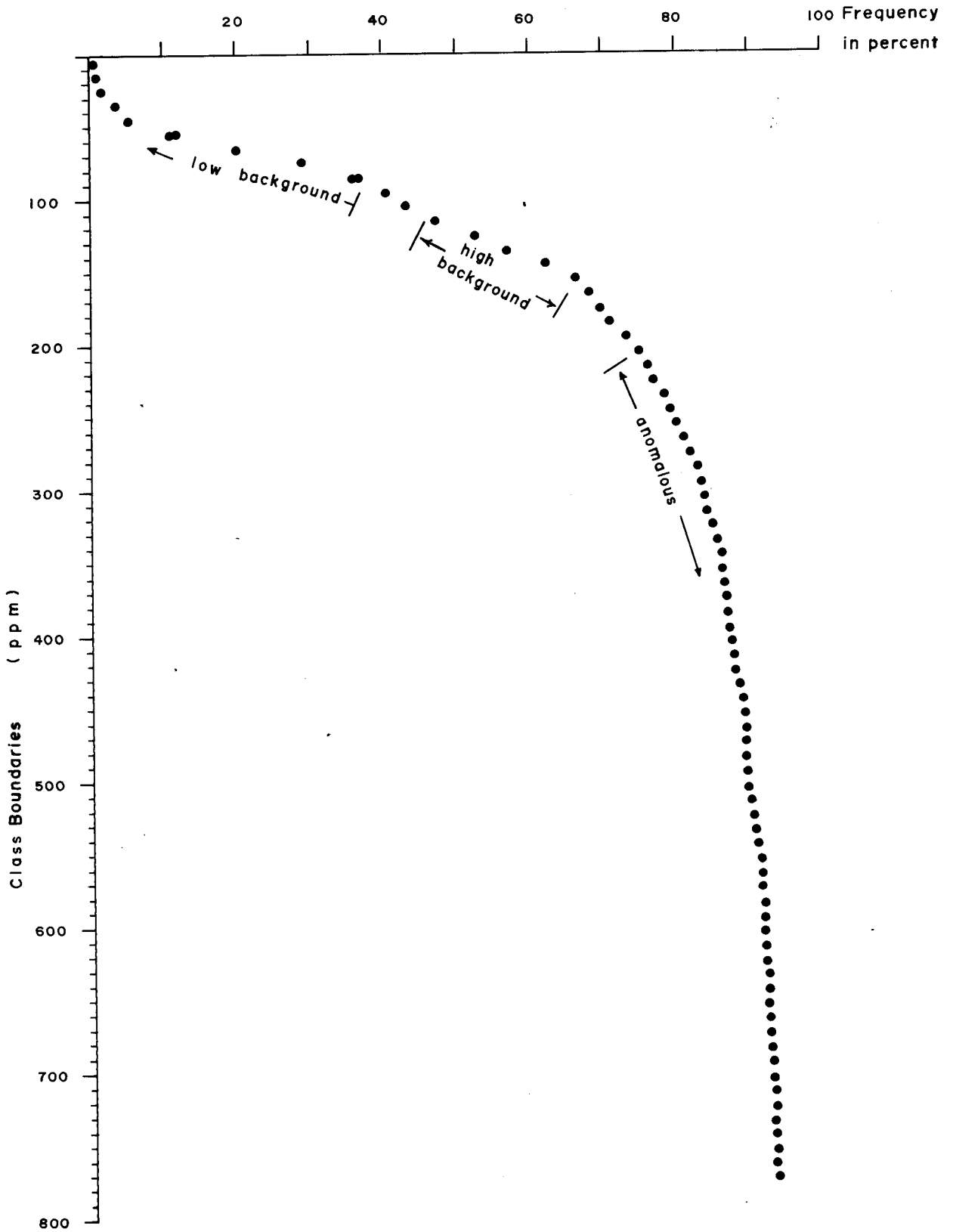


FIGURE 6

CUMULATIVE FREQUENCY PLOT
COPPER

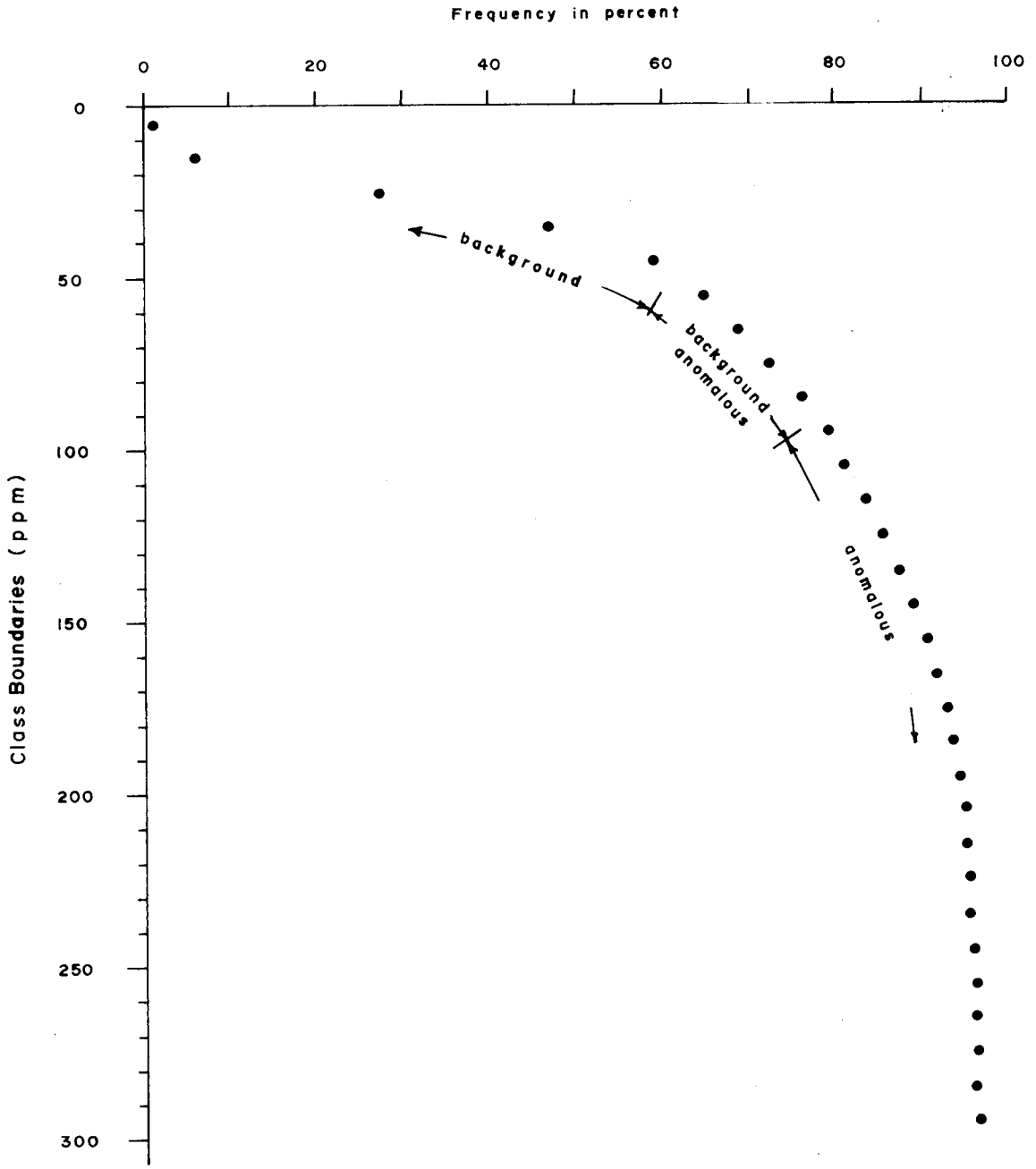


FIGURE 7

The anomaly is restricted to an area underlain by the younger metavolcanics thus it has only indirect economic significance. Since the anomaly overlies what appears to be a late fold axis, the metals may have been mobilized from the underlying phyllites, travelled up the hinge zone of the fold and deposited in the more brittle greenstones in fractures and chemically favorable layers. The linear anomaly cutting the baseline near 234W may be caused by a metal-rich horizon in the phyllite underlying it. The trend of the anomaly does not fit the trend of known or suspected faults or the dominant foliation but lithologic boundaries do not necessarily conform to the foliation. A similar anomaly near 214W, 30N probably has the same cause. Most of the remainder of the anomalous areas are due to secondary dispersion by glacial and hydrologic action.

CONCLUSIONS AND RECOMMENDATIONS

The work in 1971 has located evidence of widespread lead-zinc-copper-silver mineralization in and near phyllites known to be favorable host rocks in the Anvil district. A follow up program for 1972 should consist of detailed geological mapping to further define the complex structure, a vertical loop EM survey and a magnetometer survey with sufficient diamond drilling to test present targets and further targets that emerge.

Respectfully submitted,

J. B. P. Sawyer, P.Eng.

G. A. Jilson

APPENDIX I

Statement of Expenses and Invoices

APPENDIX I

Statement of Expenses and Invoices

Salaries	
G. Jilson (Geologist, Supervisor) 1 mo. @ $1,000.00/mo.	$ 1,000.00
I. Turnbull (Geologist, Supervisor) 1 mo. @ $1,000.00/mo.	1,000.00
R. Dufeld (Soil Sampler) 1/2 mo. @ $750.00/mo.	375.00
D. Beal (Soil Sampler) 1/2 mo. @ $750.00/mo.	375.00
Camp Costs	
120 man days @ $10.00 per day	1,200.00
Sample Analysis	
1130 samples for Pb @ $1.00 ea.	1,130.00
1130 samples for Zn @ 50¢ ea.	565.00
710 samples for Cu @ $1.00 ea.	710.00
41 samples for Ag @ $1.50 ea.	61.50
1130 sample preparation @ 20¢ ea.	226.00
Contract Services	
Eastern Associates Reg.	
Cut line - 3 miles @ $115.00/mi.	345.00
Flag line and geochem sample collection - 23.9 miles @ $120.00/mi.	2,868.00
Barringer Research	
1 day consulting by P.M.D. Bradshaw	200.00
Helicopter Charter	
Trans North Turbo Air	2,624.34
Report Preparation	100.00
	Total - $12,779.84

Total survey 44.3 line miles @ approx. $288.00 per mile

#142

Check line miles & charges

Eastern Associates Reg'd
P.O. Box 3245
Whitehorse, Yukon
August 28, 1971

STATEMENT

In account with: Cyprus Exploration Corporation Ltd
1101 - 510 West Hastings Street
Vancouver 2, B.C.

Line Grid: Mount Nye Property -

23.9 miles compass line chain and soil	@ $120.00 per mile	$ 2,868.00
7.7 miles picket line cut and chain	@ $115.00 per mile	$ 885.50
		$ 3,753.50

tha.

SEP 21 1971
To L A for Pay

'Roger Voisine'

PROJECT No 142

CATEGORY No	AMOUNT
3120	3753.50

CHECKED BY tha.

APPROVED FOR PAYMENT AND OK

DATE

DATE

Page correct Checked with G Gibson & D G Simpson (Thiel)

BARRINGER RESEARCH LIMITED

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

ADVANCED TECHNIQUES AND INSTRUMENTATION FOR THE EARTH SCIENCES

DATE: October 6, 1971

PROJECT: 120.33

PERIOD COVERED:

PROGRESS BILLING:
SHIPPING REPORT:
WORK REPORT: 241-S
FED. SALES TAX: N/A
ONT. SALES TAX: N/A

TERMS: NET

AUTHORITY: G. Simpson - Project No. 142 - Purchase Order No. 903

TO: Geochemical Analysis

71 samples analysed for HCl0 copper	@ 1.00 each	71.00

CHARGE TO:
142 / 21

INVOICE № 9735

BARRINGER RESEARCH LIMITED

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

ADVANCED TECHNIQUES AND INSTRUMENTATION FOR THE EARTH SCIENCES

DATE: October 1, 1971

PROJECT: 120.33

Kangaroo Exploration Corp.
1101 - 510 W. Hastings Street
Vancouver, B. C.

PERIOD COVERED:

PROGRESS BILLING:
SHIPPING REPORT:
WORK REPORT: 234-S
FED. SALES TAX: N/A
ONT. SALES TAX: N/A

TERMS: NET

AUTHORITY: G. Simpson

TO: Geochemical Analysis

41 samples analysed for KCN silver	@ 1.50 each	61.50
38 samples analysed for $HClO_4$ copper	@ 1.00 each	38.00
		99.50

CHARGE TO: 1M2/3121

INVOICE № 9777

BARRINGER RESEARCH LIMITED

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

ADVANCED TECHNIQUES AND INSTRUMENTATION FOR THE EARTH SCIENCES

DATE: August 27, 1971

PROJECT: 119.33

PERIOD COVERED:

Kangaroo Exploration Corp.
1101 - 510 w. Hastings Street
Vancouver, B. C.

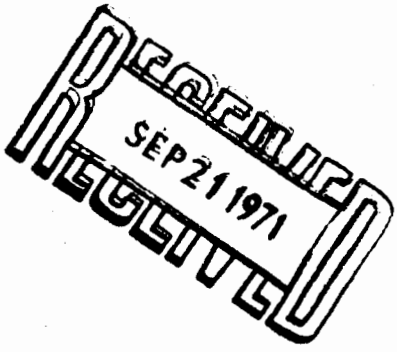
PROGRESS BILLING:
SHIPPING REPORT:
WORK REPORT: 78-A
FED. SALES TAX: N/A
ONT. SALES TAX: N/A

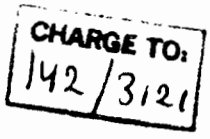
TERMS: NET

AUTHORITY: G. Jilson

TO: Geochemical Analysis

666 samples analysed for $HClO_4$ lead	@ 1.00 each	666.00	
666 samples analysed for $HClO_4$ zinc	@ 0.50 each	333.00	
666 soil sample preparation	@ 0.20 each	133.20	
			1,132.20





INVOICE № 9397

BARRINGER RESEARCH LIMITED

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

ADVANCED TECHNIQUES AND INSTRUMENTATION FOR THE EARTH SCIENCES

DATE: November 1, 1971

PROJECT: 119.33

PERIOD COVERED:

PROGRESS BILLING:
SHIPPING REPORT:
WORK REPORT: 70-A
FED. SALES TAX: N/A
ONT. SALES TAX: N/A

Kangaroo Exploration Corp.
1101 - 510 W. Hastings Street
Vancouver, B. C.

TERMS: NET

AUTHORITY: G. Jilson - Project #142
- Order #903

TO: Geochemical Analysis

852 samples analysed for $HClO_4$ lead	@ 1.00 each	852.00
852 samples analysed for $HClO_4$ zinc	@ 0.50 each	426.00
23 samples analysed for HCl lead	@ 1.00 each	23.00
23 samples analysed for HCl zinc	@ 0.50 each	11.50
875 soil sample preparation	@ 0.20 each	175.00
		1,487.50

RECEIVED DEC 6 - 1971

INVOICE Nº 9952

BARRINGER RESEARCH LIMITED

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

'ANCED TECHNIQUES AND INSTRUMENTATION FOR THE EARTH SCIENCES

DATE: December 16, 1971

PROJECT: 411.34

PERIOD COVERED:

PROGRESS BILLING:
SHIPPING REPORT:
WORK REPORT:
FED. SALES TAX:
ONT. SALES TAX:

Cyprus Exploration Corp. Ltd.
510 W. Hastings
Vancouver, B. C.

Attn: Mr. P. Sawyer

TERMS: NET

AUTHORITY:

TO:

1 day consulting by Dr. P. Bradshaw on your Mt. Nye Property, Yukon on August 7, 1971	200.00
Your share of air fare, car rental and subsistence	98.00
	298.00 ✓

CHARGE
14-/3120

RECEIVED
DEC 21 1971

INVOICE № 10039

BARRINGER RESEARCH LIMITED

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

ADVANCED TECHNIQUES AND INSTRUMENTATION FOR THE EARTH SCIENCES

DATE: Sept. 2, 1971

PROJECT: 119.33

PERIOD COVERED:

Kangaroo Exploration Corp.
1101 - 510 W. Hastings Street
Vancouver, B. C.

PROGRESS BILLING:
SHIPPING REPORT:
WORK REPORT: 80-A
FED. SALES TAX: N/A
ONT. SALES TAX: N/A

TERMS: NET

AUTHORITY: I. Turnbull -Project 142
-Order 903

TO: Geochemical Analysis

418 samples analysed for $HClO_4$ lead	@ 1.00 each	418.00	
418 samples analysed for $HClO_4$ zinc	@ 0.50 each	209.00	
418 soil sample preparation	@ 0.20 each	83.60	
			710.60

RECEIVED SEP 21 1971

CHARGE TO: 142/3121

INVOICE № 9500

TRANS NORTH TURBO AIR LTD.

BOX 1977 PHONE 668-2177
WHITEHORSE, YUKON

ATAC MEMBER

RECEIVED
OCT 18 1971

Kangaroo Explorations
1101 - 510 West Hastings Street
Vancouver, B.C.

Date: September 30, 1971 Invoice No. 736-71

P.O. Nos. 945, 946, 947 & 949

TO: Charge you with the following helicopter charters:

Bell 47G-3B-1 Helicopter CF-UFC
Crew: Vandembos & Phillips

FLYING: September 2, 3, 6, 9, 11, 1971
Daily Flight Report Nos. 8011, 8013, 8015, 8019 & 8022

13.0 hours at $155.00 per hour $2,015.00 ✓
(Rate when carrier supplies fuel)

PLUS: Excess cost of fuel at following points:
Charterer assessed with cost of fuel over $.60 per gallon

Faro
55 gallons at $.56 per gallon 30.80

Ross River
177 gallons at $.54 per gallons 95.58

PLUS: Prorated crew expenses at Ross River 84.00
(3/5 cost of 2 men for 5 days)

Bell 206-A Jetranger Helicopter CF-MBT
Pilot: C.W. Armstrong

FLYING: September 26, 1971
Daily Flight Report No. 1027

CHARGE TO: 148/3111 3 20936 0

7.6 hours at $248.00 per hour 1,884.80 ✓
(Rate when carrier supplies fuel)

PLUS: Excess cost of fuel at Faro
Charterer assessed with cost of fuel over $.60 per gallon

CHARGE TO: 148/3129 3 22536

160 gallons at $.78 per gallon 124.80

PLUS: Prorated crew expenses at Faro 14.00
(Cost of 1 man for 1 day)

INVOICE TOTAL $4,248.98

TERMS: One per cent interest per month will be charged on all invoices not paid within 30 days of date issued.

TRANS NORTH TURBO AIR LTD.

BOX 1977 PHONE 668-2177
WHITEHORSE, YUKON

TO:

Cyprus Exploration Corporation Ltd.
1101 - 510 West Hastings Street
Vancouver 2, B.C.

Date: September 30, 1971 Invoice No. 726-71

TO:	Charge you with the charter of Bell 47G-3B-2 Helicopter CF-QJW Crew: Vandenben & Phillips	
FLYING:	September 25, 1971 Daily Flight Report No. 8691	
	0.6 hours at $155.00 per hour (Rate when carrier supplies fuel)	$ 93.00
PLUS:	Excess cost of fuel at Faro Charterer assessed with cost of fuel over $.60 per gallon	
	13 gallons at $.78 per gallon	10.14
PLUS:	Charge you for freight per Yukon Bus Lines Inv. PP 4469	1.20
	INVOICE TOTAL	$104.34

TERMS: One per cent interest per month will be charged on all invoices not paid within 30 days of date issued.

TRANS NORTH TURBO AIR LTD.

BOX 1977 PHONE 668-2177
WHITEHORSE, YUKON

TO:

Cypress Exploration Corp. Ltd.
822 - 510 West Hastings Street
Vancouver 2, B.C.

DATE July 31, 1971 INVOICE NO. 469-71

P.O. NO.

TO:	Charge you with the charter of Bell 206-A Jet Ranger Helicopter CF-MBT Crew: Drzymala & Lancaster	
FLYING:	July 26, 1971 Daily Flight Report No. 942	
	2.4 hours at $248.00 per hour (rate when carrier supplies fuel)	$595.20
PLUS:	Excess cost of fuel at Anvil Charterer assessed with cost of fuel over 60¢ per gallon	
	50 gallons at 78¢ per gallon	39.00
	INVOICE TOTAL	$634.20

TERMS: One per cent interest per month will be charged on all invoices not paid within 30 days of date issued.

RECEIVED
AUG 12 1971

SEP 2 1971
To Ad[illegible]

CHARGE TO:
142/3129

TRANS NORTH TURBO AIR LTD.

ATAC MEMBER

BOX 1977 PHONE 668-2177
WHITEHORSE, YUKON

RECEIVED SEP 22 1971 PROGRAM OFFICE

To: Cyprus Exploration Corp. Ltd.
510 West Hastings Street
Vancouver 2, B.C.

Date: August 31, 1971 Invoice No. 625-71

P.O. No.

TO: Charge you with the following helicopter charters:

Bell 47G-3B-1 Helicopter CF-UFC
Crew: Vandembos & Phillips

FLYING: August 7 & 31, 1971
Daily Flight Report No.'s 7976 & 8009

8.4 hours at $155.00 per hour $1,302.00
(rate when carrier supplies fuel)

PLUS: Excess cost of fuel at following points
Charterer assessed with cost of fuel over
$.60 per gallon

Anvil
55 gallons at $.56 per gallon $30.80
Ross River
100 gallons at $.54 per gallon 54.00 84.80

PLUS: Prorated crew expenses at Ross River
(¼ cost of 2 men for 2 days) 28.00

CHARGE TO: 05/4591 - 479.35

Bell 47G-3B-2 Helicopter CF-QJW
Crew: Kipke & McKnight

FLYING: August 30, 1971
Daily Flight Report No. 8671

CHARGE TO: 142/3129 - 414.30

3.0 hours at $155.00 per hour 465.00
(rate when carrier supplies fuel)

PLUS: Excess cost of fuel at following points
Charterer assessed with cost of fuel over
$.60 per gallon

CHARGE TO: 142/3134 - 8.77

SEP 27 1971
To RA for Pay

Mayo
25 gallons at $.19 per gallon $4.75
Dawson
50 gallons at $.32 per gallon 9.60 14.35

PLUS: Staking posts purchased by T.N.T.A. per
General Enterprises Invoice 14527 8.77

INVOICE TOTAL $1,902.92

TERMS: One per cent interest per month will be charged on all invoices not paid within 30 days of date issued.

TRY CLAIMS
(SPARTAN EXPL.)

AC

AM

KD

TAF

MX

TIM

JET

ZAN

Lake

ANVIL MINE
5 Miles

FARO
CLAIMS
(ANVIL
MINING
CORP.)

A
CLAIMS

LO

MO

RAE

EOLA

PATTY

MUR CLAIMS
(SPARTAN EXPLOR.)

To accompany Geochemical Report on the AC KD & MX Claims, Whitehorse Mining District, Yukon Territory by J.B.P. Sawyer & G.A. Jilsen.

SCALE

1000 500 0 1000 2000 3000 4000 5000 6000 7000 8000 9000
FEET

1/2 0 1/2 1 1 1/2
MILES

KANGAROO EXPLORATION CORP.

MT. MYE PROJECT, YUKON

CLAIM MAP

DESIGNED		SCALE HOR.	1" = 1/2 Mile
DRAWN	C. L. C.	VERT.	
CHECKED		DWG. NO.	72 - 1
DATE	DEC. 1971		

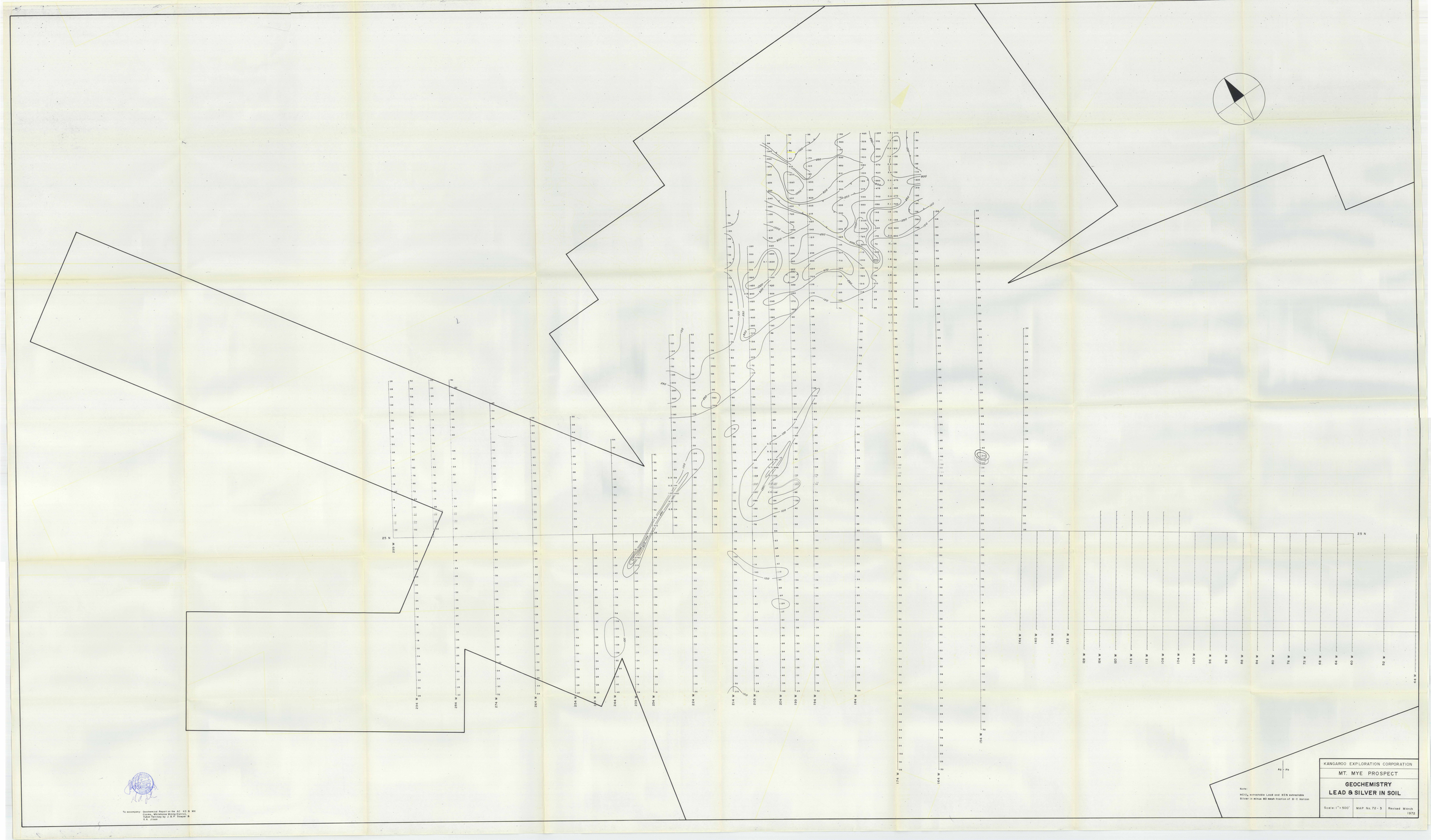
To accompany: Geochemical Report on the AC, KD & MX Claims, Mt. Mye Prospect, Mineral District, Yukon Territory for A.B.P. Bawort & G.A. Jones

KANGAROO EXPLORATION CORPORATION

MT. MYE PROSPECT

CLAIMS AND GRID

Scale: 1" = 500' | MAP No. 72-2 | Revised March 1972


25 N
299 W
294 W
284 W
274 W
264 W
254 W
244 W
239 W
234 W
224 W
214 W
209 W
204 W
199 W
194 W
184 W
174 W
164 W
154 W
144 W
140 W
136 W
132 W
128 W
124 W
120 W
116 W
112 W
108 W
104 W
100 W
96 W
92 W
88 W
84 W
80 W
76 W
72 W
68 W
64 W
60 W
52 W
44 W
Ag - Pb
Note:
HCl04 extractable Lead and KCN extractable Silver in Minus 80 Mesh Fraction of B-C Horizon
To accompany Geochemical Report on the AC KD & MX Claims, Whitehorse Mining District, Yukon Territory by J. G.P. Sawyer & R.A. Jones
KANGAROO EXPLORATION CORPORATION
MT. MYE PROSPECT
GEOCHEMISTRY
LEAD & SILVER IN SOIL
Scale: 1" = 500'
MAP No. 72 - 3
Revised March 1972

25 N

299 W 294 W 284 W 274 W 264 W 254 W 244 W 234 W 224 W 214 W 204 W 194 W 184 W 174 W 164 W 154 W 144 W 140 W 136 W 132 W 128 W 124 W 120 W 116 W 112 W 108 W 104 W 100 W 96 W 92 W 88 W 84 W 80 W 76 W 72 W 68 W 64 W 60 W 52 W 48 W

To accompany: Geochemical Report on the AC, KO & MX Claims, Whitehorse Mining District, Yukon Territory by: J. B. P. Stewart & G. A. Jilson

Note
HCl/H_2 extractable Zinc in minus 80 mesh fraction of B-C Horizon

KANGAROO EXPLORATION CORPORATION

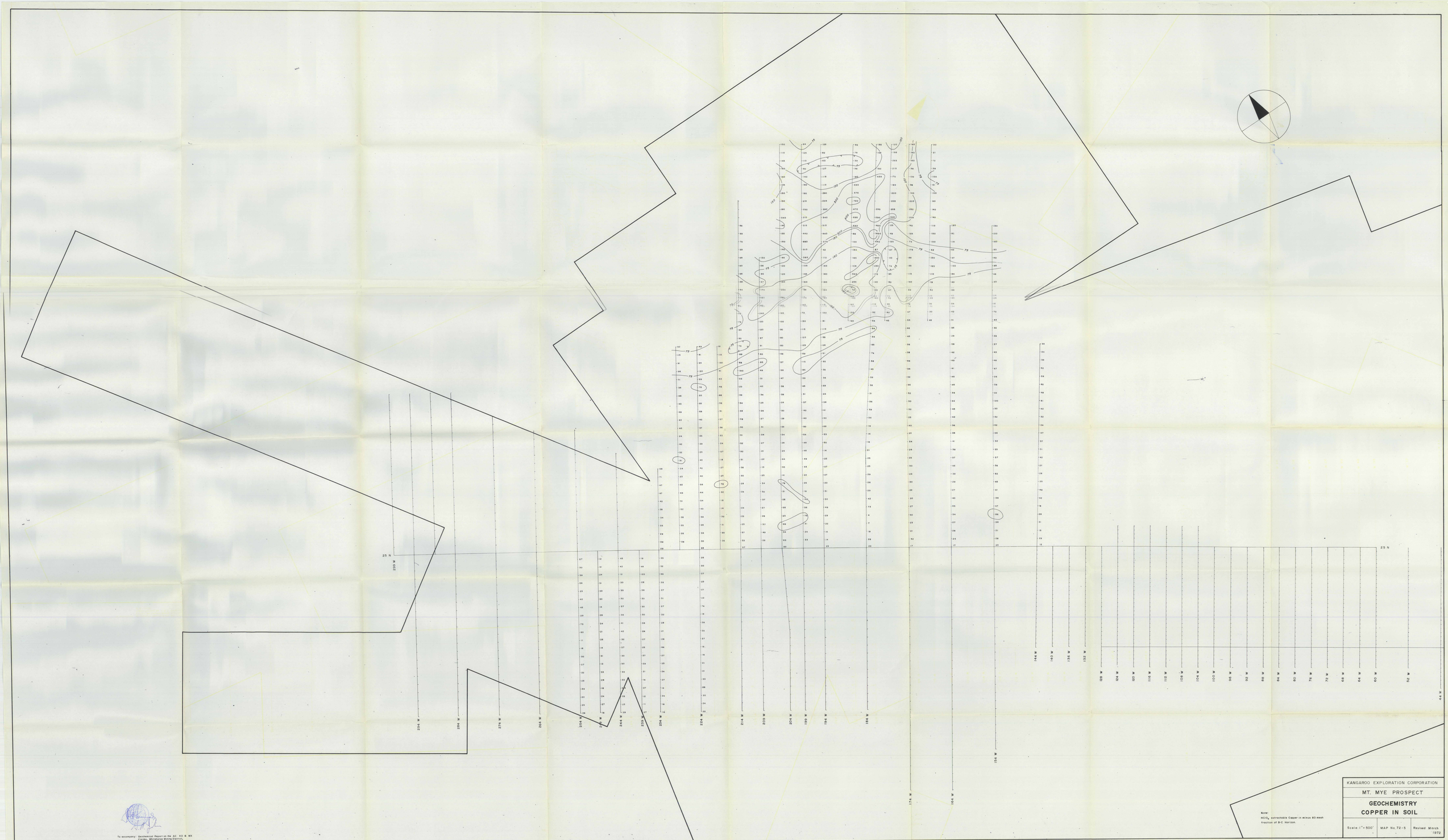
MT. MYE PROSPECT

GEOCHEMISTRY
ZINC IN SOIL

Scale: 1" = 500'

MAP No. 72 - 4

Revised March 1972



To accompany: Geochemical Report on the AC, KD & WX Claims, Mt. Mye Prospect, Yukon Territory by J.B.P. Graham & G.A. Jilson

Note:
HCl/H_2O extractable Copper in minus 80 mesh fraction of B-C Horizon.

KANGAROO EXPLORATION CORPORATION

MT. MYE PROSPECT

GEOCHEMISTRY
COPPER IN SOIL

Scale: 1" = 500'	MAP No. 72-5	Revised March 1972
-	-	