'84 - 1432(a) - 13126

ASSESSMENT REPORT
on the
AX, PFC, TAB, MILT, FAULT, ANN, FALCON, FRASER, MAG
GOLDEN AND EAGLE MINERALS CLAIMS

Barriere, Adams Lake, Shuswap Lake Area, B.C.
Report No. C84-18
December 31, 1984

Type of Work: Grid preparation, geological mapping, geophysical (VLFEM and Magnetometer) surveys, geochemical soil surveys.

Claims: See next page for a detailed list of claims.

Mining Division: Kamloops

NTS Locations: 82 L 14; 82 M 4; 92 P 1; 92 P 5

Latitude, Longitude: See details next page.

Owner and Operator: Zone Petroleum Corporation
1280-700-4th Ave., S.W.
Calgary, Alberta T2P 3J4

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55 Whiteshield Crescent South
Kamloops, B.C. V2E 1P3
Tel: (604) 374-3647

Date Submitted: February 18, 1985

LIST OF CLAIMS COVERED BY THIS REPORT

Name	Record No.	NTS	Lat.	Long.	Expiry Date*
		82P/4E, W			Y M D
Ax 1	5071	~~84M2~~	51°13′	119°46′	88.11.25
Ax 2	5072	"	"	"	"
AX 3	5073	"	"	"	86.11.25
AX 4	5074	"	"	"	86.11.25
AX 5	5075	"	"	"	85.11.25
AX 6	5371	"	"	"	85.12.30
AX 7	5372	"	"	"	87.12.30
AX 8	5943	"	"	"	87.11.08
PFC 1	5957	"	"	"	89.11.13
PFC 2	5958	"	"	"	"
PFC 3	5959	"	"	"	"
PFC 4	5960	"	"	"	"
PFC 5	5961	"	"	"	"
PFC 6	5962	"	"	"	"
PFC 7	5963	"	"	"	"
PFC 8	5964	"	"	"	"
PFC 9	5965	"	"	"	"
PFC 10	5966	"	"	"	"
MILT 1	5442	~~84M2~~ 92P5	51°15′	119°43′	86.01.12
MILT 2	5443	"	"	"	"
TAB 1	5376	~~84M2~~	51°14′	119°42′	86.01.03
TAB 2	5444	"	"	"	86.01.12
TAB 3	5445	"	"	"	86.01.12

*Pending acceptance of work covered by this report.

Note: The Mid 1-8 claims listed below are enclosed within the Ax Group. They were staked to cover ground which expired in December, 1984. They are part of the project land, but since no work from the current program was applied to them, they are not part of this assessment work submission.

Name	Record No.	NTS	Lat.	Long.	Expiry Date
					Y M D
MID 1	6013	84M2	"	"	85.12.17
MID 2	6014	"	"	"	"
MID 3	6015	"	"	"	"
MID 4	6016	"	"	"	"
MID 5	6017	"	"	"	"
MID 6	6018	"	"	"	"
MID 7	6019	"	"	"	"
MID 8	6020	"	"	"	"

TABLE OF CONTENTS

TABLE OF CONTENTS (CONT`D)

Statistics and Lab reports

LIST OF DRAWINGS

C84-18-1	Location Map	
2	District Geology, Barriere-Adams Lake	1:100,000
~~4 3~~	~~District Geology, Shuswap Lake~~	~~1:250,000~~
3 4	Claim Map; Axe, Milt, Tab, PFC, Mid Claims	1:20,000
5	Axe Grid Geology	1:10,000
6	" " Geochemical Au, Ag	1:10,000
7	" " Geochemical Cu, As	1:10,000
8	" " Geochemical Pb, Zn	1:10,000
9	Tab 2 & 3 Geology	1:10,000
10	Mag Grid Geology	1:10,000
11	" " Geochemical Au, Ag	1:10,000
12	" " " Cu, As	1:10,000
13	" " " Pb, Zn	1:10,000
14	Fraser West & East Grids - Geology	1:10,000
15	" " " " Geochemical Au, Ag	1:10,000
16	" " " " " Cu, As	1:10,000
17	" " " " " Pb, Zn	1:10,000
18	Fault & Falcon Grids - Geology	1:10,000
19	" " - Geochemical Au, Ag	1:10,000
20	" " " Cu, As	1:10,000
21	" " " Pb, Zn	1:10,000
22	Golden & Eagle Claims - Geology	1:10,000

INTRODUCTION

The numerous mineral claims listed after the title page comprise seven separate blocks owned by Zone Petroleum Corporation and located in the Barriere-Adams Lake-Shuswap Lake district near Kamloops, British Columbia. The total area covered by all groups is approximately 29,455 acres, (11,925 hectares).

Most of the claims lie within a belt of early Paleozoic metasedimentary and metavolcanic rocks known as the Eagle Bay Formation. This formation is host to several known volcanogenic massive sulphide deposits which contain important values in base and precious metals.

The program described in this report was designed to provide data to make preliminary assessment of the potential for deposits of the type described above, with particular interest in gold. Conditions of financing and assessment work requirements dictated that the field work be completed within the last quarter of 1984. Because of budget limitations and the fact that unusually early heavy snowfall and cold weather hampered the program, the work accomplished in some areas was insufficient for a definitive assessment. These same adverse factors also contributed to higher than normal unit costs for some of the activities.

Establishment of grid control lines, collection of soil samples, and overall logistical control were performed by Amex Exploration Services Ltd. who were the prime contractors. Lines were generally found to be of good quality and the quality of soil samples with a few exceptions was excellent.

Amex Exploration, in turn, retained the firm of J.S. Kermeen, Consulting Geological Engineer, to provide the following services: grid layout, geological mapping,

compilation and interpretation of geochemical data, and report preparation. Field geological work was performed by:

Michael Price, M.Sc., Geologist
David Pawliuk, B.Sc., Geologist
and Marc Bowles, B.Sc., Geologist

Geochemical analyses were performed by Kamloops Research and Assay Laboratories and Eco-Tech Laboratories, both located in Kamloops, B.C.

LOCATION, ACCESS, TRANSPORTATION AND POWER

With the exception of the Golden and Eagle claims all property is located some 50 to 70 kilometres NNE of the City of Kamloops and within 10 kilometres east and south of the town of Barriere.

The Golden and Eagle claims are located on Shuswap Lake approximately 40 kilometres northeast of the town of Salmon Arm.

All the claims are readily accessible by logging roads connecting with secondary paved roads which in turn connect with major highways and railways.

Major hydro power is available in the district.

PROPERTY AND OWNERSHIPS

The writer has been advised that all claims listed in this report have been transferred by Bill of Sale to:

Zone Petroleum Corporation
1280-700-4th Ave. SW
Calgary, Alberta T2P 3J4

HISTORY

Much of the area covered by the present claims had been previously staked and probably subjected to at least superficial exploration activities in the past but no specific reports covering the present property have been located.

Privately financed airborne surveys had been conducted over parts of the properties; however, the only pertinent information available on open file is an airborne magnetic and electromagnetic survey covering the eastern portion of the Ax grid.

PHYSIOGRAPHY

The properties lie within the Columbia Highlands which is a part of the Cordillera of British Columbia comprising moderately rugged mountains lying between the rolling hills of the Interior Plateau to the west and the precipitous peaks of the Columbia Mountains to the east. It is a deeply incised plateau characterized by V-shaped valleys usually occupied by lakes or rivers; mountains tend to have steep sides and more gently sloping tops.

Except where logged-off or cleared for agriculture the entire area is heavily treed with a variety of confiferous and deciduous trees.

The above general comments apply to all claim groups; more specific comments on physiography are made in the descriptions of individual blocks.

GENERAL GEOLOGY

The geology of the Barriere-Adams Lake area is depicted on attached map C84-18-2 (after Schiarrizza, P. and Preto V., Preliminary Map 56, Geology of the Adams Plateau-Clearwater District, BCDEMPR). All claims excepting the Golden and Eagle lie within this map.

Map C84-18-3 (after Okulitz, A.V. et al GSC Open File 637) shows very generalized geology of the part of the Shuswap Lake area wherein the Golden and Eagle claims lie.

Most of the property lies within a NW-SE to E-W trending belt of Paleozoic metasediments and volcanics known as the Eagle Bay Formation. The complexity of the lithology and stratigraphy of this formation is apparent from the diversity of rock types listed in the legend of map C84-18-2. It is further complicated by the fact that each map unit is only the predominant member of a number of sub-units. A few generalizations can, however, be made:

(1) The Eagle Bay Formation is a belt roughly 20 to 30 km. in width and 90 kilometres long extending from Barriere in the NW to Sicamous at the eastern extremity.

(2) It is bounded on the northeast side by predominantly quartzitic metasediments of the early Paleozoic "Spapilem Creek- Deadfall Creek" succession and/or batholithic granitic

intrusions. Toward the east end of the belt the transition toward the north and east is into very highly metamorphosed rocks known as the Shuswap Terrane. On the southerly side, bordering rocks are volcanics and some sediments of Triassic age.

(3) Rocks of volcanic and sedimentary origin are present in the Eagle Bay Formation in about equal proportions. Metavolcanics are predominantly basaltic to andesitic in composition, although transition to rhyolitic composition has been noted places. Greywacke (turbidites) predominate in the clastic sediments with lesser amounts of metasandstone and metaargillite. Several important belts of limestone (dolostone) and many narrower belts also occur. The rocks have been tightly folded with steep dips predominating; secondary folding has further complicated structure. Metamorphism has proceeded variously from the upper greenschist to lower amphibolite facies. A prominent slaty cleavage has developed throughout much of the belt; it often parallels original bedding but frequently transects it, especially on the noses of folds. The resulting rocks are therefore variously termed quartzite, phyllite, schist, slate etc. It is important, but not always possible, to distinguish metamorphic rocks of sedimentary and volcanic origin. As far as possible rock terms used in this report are descriptive rather than genetic.

(4) Much of the area has been intensely faulted the most important sets being:

(a) NE-SW trending transverse faults

(b) N-S " " "

(c) NW-SE to E-W trending thrust faults which trend parallel to sub-parallel to the formation and dip northerly at low to intermediate angles.

SUMMARY OF WORK DONE

All field work performed in the current program is summarized in Table I. Distribution of this work to the various claim groupings for assessment work purposes is covered in the attached Cost Statement.

TABLE I - SUMMARY OF WORK DONE - EXPLORATION 1984

Grid or Area	Total Lines Chained & Flagged km	Geological Mapping Line km	Man days		Soil Samples Collected	Analysed	Remaining
Ax Grid	83.05	83.05	14		961	614	347
Tab 2 & 3 & MILT 2	12.4	Reconn.	4		207	-	207
Fault Grid	22.3	19.95	7		445	-	445
Falcon Grid	26.2	21.0	7		499	198	301
West Fraser Grid	17.50	17.50	4		309	151	158
East Fraser Grid	29.10	29.10	7		571	-	571
Mag Grid	63.05	30.47	8	S	1260	247	1013
				R			
Golden	4.70	4.70	5.5	S	94	-	94
				R	7		
Eagle	2.4	Reconn.	3	S	48	-	48
				R	3		

TECHNICAL DATA AND INTERPRETATION

General

On the basis of available documented information, supplemented by a few reconnaissance field traverses, certain areas of the property considered to have the greatest mineral potential were selected for grid control lines, keeping in mind the required distribution of assessment work.

Grid Control All control lines were run on compass bearings, chained with slope corrections and blazed or flagged with a minimum amount of cutting and slashing. Baselines were established parallel to the indicated geological strike and cross lines run perpendicular to the baseline at 200 metre intervals. Chained stations were marked at 50 metre intervals on both baselines and crosslines. Tie lines parallel to the baselines were run to tie in crosslines which extended in excess of one kilometre from the baselines. In certain areas, where warranted by results of early work, additional fill-in cross lines were run at 100 metre intervals.

Geological Mapping Geological mapping was carried out on grid areas within the limitations of budget and snow conditions. Outcrop boundaries and geological observations and interpretations are plotted on a scale of 1:10,000. In addition to grid-controlled mapping certain other areas (Tab 2 & 3, and Eagle claims) were mapped using air photo and topographic map control.

Geochemical Surveys Soil samples were collected from the B - horizon at intervals of 50 metres on lines spaced 200 metres apart on all grids. Sampling was done as an integral part of chaining and flagging the lines. Where warranted, fill-in sampling was done at 25 metre intervals on lines spaced 100

metres apart. Samples were collected in 4 in. x 12 in. kraft paper bags. Budgetary considerations did not allow for analysis of all samples collected and, consequently, priority areas were selected for analysis.

Samples were processed and analysed at either of two laboratories in Kamloops, B.C.:

Kamloops Research and Assay Laboratory
Eco-Tech Laboratory

After drying and screening the minus 80 mesh fraction of each sample was analysed for gold using a fire assay collection technique and atomic absorption determination on the bead; other elements (Ag, Cu, Pb, Zn and As) were analysed by acid extraction and atomic absorption.

Results were plotted on plans on a scale of 1:10,000. Cumulative frequencies, arithmetic means ($\bar{x}$) and standard deviations (δ) were calculated for each element on each grid area. Cumulative frequencies were plotted against readings on log log probability paper. Anomalous and possibly anomalous levels were selected either by examination of the cumulative frequency curves or according to the following formulae:

$$\text{Anomalous} = \bar{x} + 3\delta$$
$$\text{Possibly anomalous} = \bar{x} + 2\delta$$

Ax Grid

Access: Logging roads north of South Barriere Lake and along Blomley Creek connect with paved roads from the town of Barriere; access is excellent.

Physiography and Surficial Geology: The southeastern two-thirds of the grid lies on a moderate to gentle south slope; the northwestern third slopes relatively gently northward into Blomley Creek. Perhaps one quarter of the grid area has been completely logged off; the remainder is moderately to thickly treed;

Overburden varies from thin residual soil to glacial deposits up to 10 metres thick.

Bedrock Geology and Mineralization (see map C84-18-5):

The grid area is underlain by metasediments and metavolcanics of the Eagle Bay Formation. Although not mapped in the present program, Schiarrizzo and Preto (1) shows the contact with older "Spapilem Creek - Deadfall Creek" succession of quartzitic metasediments to lie along the northeast boundary of the grid area. The Eagle Bay Formation on the grid can be broadly divided into two units:

(1) A lower? mainly volcanic unit (map units GS, QZ and some LS). Map unit GS is a fine-to-medium grained, generally massive, medium-green colored rock consisting mainly of chlorite; it is a greenstone probably derived from mafic volcanics. It usually contains numerous fine calcite veinlets and locally contains abundant 1-4 mm pyrite cubes. Within this unit are several layers of fine-grained, locally fissile, bluish-grey limestone (LS). There is also one interbedded thick (20-30 m) layer of yellowish-buff colored, medium-to-coarse grained massive quartzite.

(2) An upper? mainly sedimentary unit: The greater part of this unit consists of a very soft, fissile, medium-grey to silvery-grey phyllite. The main mineral constituents are sericite and quartz; brownish-red spots up to 5 mm in

diameter, probably derived by oxidation of original pyrite are characteristic. It is locally graphitic, particularly where it contacts limestone units. The second most prevalent member is limestone (LS) which occurs mainly in two distinct layers varying from a few metres to 200 or 300 metres in thickness, intercalated with the phyllites. The limestone is fine-to-medium grained, thin-bedded to massive, white to grey in color. It is resistant to erosion and frequently forms prominent cliffs and bluffs. It locally contains apparently barren quartz veins up to one metre thick and numerous 1-2 cm. calcite veinlets.

Some thin interbeds of greenstone (basaltic flows?) occur within the limestone, especially near its contact with the main greenstone unit.

Pods, layers and irregular bodies of chert varying from a few cm. to several metres across, occur here and there within both limestone and phyllite.

The presence of a small granodiorite plug, intruding phyllites? in the northern part of the grid, is inferred from boulders.

The strike of formations vary from 070° to 160° and dips from 5° to 40° northeast. They trend generally north-south along the west boundary of the grid and swing sharply eastward through the remainder of the grid.

Three northeast-trending transverse faults are inferred. The two more westerly faults show an apparent displacement of mapped units by several hundred metres. The more easterly (through South Barriere Lake) is inferred from topography, aeromag maps and some bedrock evidence including gouge. The displacement on the latter structure does not appear large.

The only potentially economic mineralization observed during the field mapping occurs on the contacts of each of the two major limestone units and the underlying phyllites. The phyllites are noticeably graphitic close to the contact with the limestone and the plane of the contact is often marked a layer of soft, light-grey clay gouge. The contact zone is mineralized with veins and pods of quartz, locally up to 2 metres thick; locally the quartz contains sparse to abundant pyrite and occassionally galena. These showing closely resemble an occurrence known as the "Kajun Showing" which lies some 3 kilometres north of the Ax Grid; at the Kajun, important values in silver, lead, zinc, copper and gold occur within locally abundant pods of sulphides lying on a limestone-phyllite contact similar to those described above.

Soil Geochemical Survey (see maps C84-18-6, 7 & 8):

Soil samples were collected from the B-horizon at 50 metre intervals on all grid lines. One area, covering part of the greenstone belt west of South Barriere Lake, was selected for more detailed sampling (25 metre intervals on lines 100 metres apart). Budget restrictions did not permit analyses of all samples; those analysed are plotted on accompanying plans.

Anomalous and possibly anomalous readings were determined statistically as follows:

Gold: No distinct breaks in curve

Anomalous = $\bar{x} + 3(\sigma) = 1.4 + 3\ (4.0) = 13$

Possibly anomalous = $\bar{x} + 2(\sigma) = 1.4 + 2\ (4.0) = 9$

Three scattered analyses are anomalous; one is possibly anomalous.

Silver: Breaks in slope occur at 1.8 ppm and 3.0 ppm.
$\bar{x} + 3(\sigma) = .04 + 3(0.1) = 0.34$
Assume 3.0 and over are anomalous.
2.0 " " " possibly anomalous.

Copper: No breaks in slope
$\bar{x} + 3(\sigma) = 18.9 + 3(15.8) = 65$ = anomalous
$\bar{x} + 2(\sigma) = 18.9 + 2(15.8) = 51$ = poss. anom.

Lead: Break in slope at 21 ppm
$\bar{x} + 3(\sigma) = 10.3 + 3(6.3) = 29$ = anom.
$\bar{x} + 2(\sigma) = 10.3 + 2(6.3) = 23$ = poss. anom.

Zinc: Poor break in slope at 86 ppm
$\bar{x}\ 3(\sigma) = 54.6 + 3(19.4) = 113$ = anom.
$\bar{x}\ 2(\sigma) = 54.6 + 2(19.4) = 93$ = poss. anom.

Arsenic: Possible vague break in slope at 22 ppm
$\bar{x} + 3(\sigma) = 3.3 + 3(5.1) = 19$
$\bar{x} + 2(\sigma) = 3.3 + 2(5.1) = 14$
Assume: anomalous = 30 and over
possibly anom. = 20 and over

No important anomalies in gold, silver and arsenic are indicated. Four spot highs in gold occur, the best of which is 95 ppb at 1200N, 3650E.

Scattered high copper values occur within limestone and greenstone in the southwest corner of the grid which could be related to limestone-greenstone contact phenomena.

A weak but distinct lead-zinc anomaly covering a possible strike length of 700 metres and a width of 150 metres occurs

near the east boundary of the property (1400=2000N; 3550-3900E). This anomaly lies down-slope from a limestone-phyllite contact which, further west, hosts minor galena/chalcopyrite mineralization. (Note that a single anomalous zinc reading, 137 ppm on line 3600E, corresponds with that showing). Another possible association is with nearby conductors detected by a previous airborne electromagnetic survey (see conductor locations on map C84-18-5).

The single, possibly anomalous arsenic reading lies within the above described Pb-Zn anomaly.

Summary and Conclusions: The greenstone area west of South Barriere Lake had been selected as a geologically favorable area for more detailed geochemical soil surveying; however, the lack of precious metal anomalies in the soil necessarily down-grades this area. Nonetheless magnetic and electromagnetic surveys in this area are warranted.

The limestone-phyllite contact which hosts minor sulphide mineralization at 3550N, 2900E is a favorable horizon for economic mineralization. This is supported by a comparison with the Kajun Showing and the Pb-Zn soil anomaly described above. The contact is only exposed here and there and further follow-up by detailed soil geochemistry and trenching is warranted. Disclosure of a showing similar to or better than say the Kajun would provide a diamond drill target.

The remaining collected soil samples should be analysed, and any new anomalous areas examined in detail.

The portion of the Ax Group underlain by "Spapilem Creek - Deadfall Creek" rocks (ie. predominantly quartzitic members) which is essentially that portion northeast of the present grid is considered generally unfavorable.

Tab 2 & 3 Claims

Access: Via logging roads up Spapilem Creek from Adams Lake.

Physiography and Surficial Geology: Topography is large gently undulating; outcrop is abundant in logging road cuts but is otherwise scarce.

Bedrock Geology and Mineralization: The Tab Group of claims is underlain by a sequence of medium-grained metamorphic rocks which have been intruded, in the northern part of the group, by a large granodiorite stock. The metamorphic sequence is considered to be part of the "Spapilem Creek - Deadfall Creek Succession" (SDQ), of lower Cambrian and/or Hadrynian age. Two distinct assemblages are present in the area:

(a) Quartzite assemblage (QZ on map): This assemblage consists of a series of massive quartzites and micaceous quartzites, and schisty micaceous quartzites (quartz muscovite schist). These rocks outcrop mostly in the southwestern part of the area.

(b) Quartz biotite schist assemblage (Qbs): This assemblage is mainly a strongly foliated quartz biotite schist, with lesser amounts of chlorite schist, chlorite-biotite schist and almost pure biotite schist. A few zones richer in quartz locally exhibit a gneissic rather than a schistose texture.

These two rock types both have a northeast trending strike and steep to moderate westerly dip. As mentioned, in the southwest part of the area the dominant rock type is quartzite, whereas in the central part the quartz-biotite schist is dominant. These two zones have been tentatively separated by a southeasterly trending fault, though no direct evidence for faulting was found in the field.

Granodiorite (Baldy Batholith = Kg on Preto's(1) map):

This rock consists predominantly of a very coarse-grained, locally slightly porphyritic, light coloured quartz-K-feldspar-plagioclase-biotite rock, of granitic to granodioritic composition. A few small areas within the outcrop of this rock type show a much darker colour, due to a greater proportion of biotite with some hornblende, and usually a smaller grain size. These occurrences probably represent xenoliths of mafic rock (? Qbs) which have been strongly altered and partially resorbed by the granodiorite. These xenoliths constitute only perhaps 1% of the total mass of this unit, but are locally abundant.

The contact of the granodiorite with the metamorphic sequence is essentially intrusive, except that in two places faults are inferred from the outcrop pattern.

Only a few small zones of rusty weathering and quartz veining were found (see map). No sulphides were seen, except for sparse fine-grained pyrite. The probability of economic mineralization on the Tab Claims is felt to be low; however, some further indications may be obtained from the soil geochemical survey presently in progress (27th Oct. 84).

Soil Geochemical Survey: Soil samples were collected and are being held for later analysis.

Summary and Conclusions: Geologically the property appears unfavorable for economic mineralization.

Soil samples on hand should be analysed and further work will be contingent upon interesting results in the analyses.

GENERAL SUMMARY AND CONCLUSIONS

The existence of geology favorable for hosting volcanogenic sulphide deposits has been confirmed on all properties with the exception of those Ax, Milt and Tab claims which lie northeast of the contact between the Eagle Bay Formation and Spapilem Creek - Deadfall Creek Succession. (See Map C84 - 18-5).

Geochemical results to date have not been particularly encouraging; nonetheless a number of possibly anomalous areas have been indicated which warrant more detailed follow-up. In addition the large number of soil samples not yet analysed should be analysed when funds are available. Because of the broad spacing between samples, any areas showing anomalous gold content should be followed-up with more detailed sampling.

Areas of particularly favorable gology warrant geophysical surveys regardless of geochemical results.

The work done to date has not been sufficient to definitely assess any of the areas underlain by Eagle Bay Formation rocks.

Additional exploration is therefore warranted as detailed under "Recommendations".

RECOMMENDATIONS

Ax Group (including PFC 1- and Mid 1-8)

Remaining collected soil samples analysed for Au, Ag, Cu, Pb, Zn and As: 339 samples @ $13-	4,407	
VLFEM & Magnetometer survey over existing lines from 1200N to 5200N: 36 line/km @ $150 -	5,400	
Provision for detailed geochemistry and trenching in vicinity of the Known geochemical anomaly -	10,000	
Provision for geology, supervision, reporting -	4,000	
Contingency	1,193	
	25,000	25,000

Milt & Tab Groups

Geology does not warrant further work at this time.

Zone Petroleum Corporation
1280-700 4th Ave., SW
Calgary, Alberta
T2P 3J4

AMEX EXPLORATION SERVICES LTD.

December 31, 1984

Attention: Mr. H.B. Ruskowsky, President

The following is a total breakdown of assessment work credits completed on your Barriere - Shuswap - Ashcroft projects:-

Property

AX 1, 2, 4, 5, MILT 1 and PFC 1-10	$ 30,000.00
AX 3, 6, 7, 8, TAB 1	17,000.00
FRASER	9,300.00
FRASER 1 & 2	18,500.00
FAULT 1, FALCON 1-9, ANN 1-3	35,000.00
MAG 1-4	35,000.00
TAB 2, 3, and MILT 2	6,000.00
ACILIS 1-3	5,300.00
GOLDEN 1	4,000.00
EAGLE 1	2,000.00
Total Project,	$ 160,100.00

This project provided much work for 28 of our staff, and 4 geologists of J.S. Kermeen consultants Ltd., Without doubt, this work has been instrumental in saving our businesses in these most difficult times.

Our sincerest thanks for the work.

All the Best from us all!!

Respectfully submitted,

A.A. Ablett, President
Amex Exploration Services Ltd.

AA/ca

CERTIFICATE

I, James Seaton Kermeen, do hereby certify:

(1) That I am a Consulting Geological Engineer with offices at 55 Whiteshield Crescent South, Kamloops, B.C.

(2) That I am a graduate of the University of Saskatchewan with the following degrees.
Bachelor of Science in Geological Engineering 1951
Master of Science, Geology 1955.

(3) That I have practised my profession continuously for 34 years.

(4) That I am a member in good standing of the Associations of Professional Engineers of British Columbia and Saskatchewan.

(5) That the attached report on the AX, PFC, TAB, MILT, FAULT, ANN, FALCON, FRASER, MAG, GOLDEN AND EAGLE MINERAL CLAIMS is based on work carried out by qualified professional geologists working under my supervision, excepting grid lines and collection of soil samples which was performed by contract under my scrutiny by Amex Exploration Services Limited.

(6) That I do not have, either directly or indirectly any interest in the mineral claims covered by this report or in the securities of Zone Petroleum Corporation.

James S. Kermeen

KAMLOOPS RESEARCH
&
ASSAY LABORATORY
LTD

B. C. CERTIFIED ASSAYERS

912 LAVAL CRESCENT
PHONE 372-2784 - TELEX 048-8320

CUMULATIVE FREQUENCY PLOT

AMEX EXPLORATION LTD
BOX 286
KAMLOOPS B C
V2C 5K6

DATE DEC 10 1984
ANALYST
FILE NO. G 1260

AX GRID

CUMULATIVE FREQUENCY PLOT FOR AU USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
1.00—	1.26	611	39.3	100.0
1.26—	1.58	0	0.0	0.7
1.58—	1.98	0	0.0	0.7
1.98—	2.49	0	0.0	0.7
2.49—	3.12	0	0.0	0.7
3.12—	3.92	0	0.0	0.7
3.92—	4.92	0	0.0	0.7
4.92—	6.18	0	0.0	0.7
6.18—	7.76	0	0.0	0.7
7.76—	9.75	0	0.0	0.7
9.75—	12.24	1	0.2	0.7
12.24—	15.37	1	0.2	0.5
15.37—	19.30	0	0.0	0.3
19.30—	24.23	0	0.0	0.3
24.23—	30.43	0	0.0	0.3
30.43—	38.21	0	0.0	0.3
38.21—	47.98	0	0.0	0.3
47.98—	60.25	1	0.2	0.3
60.25—	75.65	0	0.0	0.2
75.65—	95.00	1	0.2	0.2
		614		

MEAN 1.4

STD. DEV. 4.0

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CUMULATIVE FREQUENCY PLOT

AMEX EXPLORATION LTD
BOX 286
KAMLOOPS B C
V2C 5K6

DATE DEC 10 1984
ANALYST
FILE NO. G 1260

AK GRID

CUMULATIVE FREQUENCY PLOT FOR AG USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
0.01—	0.01	457	74.3	100.0
0.01—	0.02	0	0.0	25.7
0.02—	0.02	0	0.0	25.7
0.02—	0.03	0	0.0	25.7
0.03—	0.04	0	0.0	25.7
0.04—	0.05	0	0.0	25.7
0.05—	0.06	0	0.0	25.7
0.06—	0.08	0	0.0	25.7
0.08—	0.11	115	18.7	25.7
0.11—	0.14	0	0.0	7.0
0.14—	0.18	0	0.0	7.0
0.18—	0.23	29	4.7	7.0
0.23—	0.30	7	1.1	2.3
0.30—	0.39	0	0.0	1.1
0.39—	0.51	3	0.5	1.1
0.51—	0.67	1	0.2	0.7
0.67—	0.86	1	0.2	0.5
0.86—	1.12	0	0.0	0.3
1.12—	1.46	1	0.2	0.3
1.46—	1.90	1	0.2	0.2

615

MEAN 0.0 X ~~=~~ .0434 ✓

STD. DEV. 0.1

$\bar{x} + 3\delta = .043 + 3(0.1) = 0.35$

$\bar{x} + 2\delta = .0434 + 2(0.1) \approx 0.2$

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CUMULATIVE FREQUENCY PLOT

AMEX EXPLORATION LTD
BOX 286
KAMLOOPS B C
V2C 5K6

DATE DEC 10 1984
ANALYST
FILE NO. G 1260

AX GRID

CUMULATIVE FREQUENCY PLOT FOR CU USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
3.00—	3.60	2	0.3	100.0
3.60—	4.32	8	1.3	99.7
4.32—	5.18	17	2.8	98.4
5.18—	6.22	30	4.9	95.6
6.22—	7.46	33	5.4	90.7
7.46—	8.96	51	8.3	85.4
8.96—	10.75	90	14.6	77.1
10.75—	12.90	53	8.6	62.4
12.90—	15.48	62	10.1	53.8
15.48—	18.57	56	9.1	43.7
18.57—	22.29	50	8.1	34.6
22.29—	26.75	45	7.3	26.5
26.75—	32.10	38	6.2	19.2
32.10—	38.51	25	4.1	13.0
38.51—	46.22	20	3.3	8.9
46.22—	55.46	11	1.8	5.7
55.46—	66.55	8	1.3	3.9
66.55—	79.86	6	1.0	2.6
79.86—	95.83	7	1.1	1.6
95.83—	115.00	3	0.5	0.5

MEAN 18.9

STD. DEV. 15.8

$\bar{X} + 3\Sigma = 18.9 + 3(15.8) = 65$

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CUMULATIVE FREQUENCY PLOT

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DATE DEC 10 1984
ANALYST
FILE NO. G 1260

AK GRID

CUMULATIVE FREQUENCY PLOT FOR PB USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
1.00—	1.23	2	0.3	100.0
1.23—	1.50	0	0.0	99.7
1.50—	1.84	0	0.0	99.7
1.84—	2.25	4	0.7	99.7
2.25—	2.76	0	0.0	99.0
2.76—	3.38	7	1.1	99.0
3.38—	4.14	22	3.6	97.9
4.14—	5.07	20	3.3	94.3
5.07—	6.22	64	10.4	91.1
6.22—	7.62	90	14.6	80.7
7.62—	9.33	151	24.6	66.0
9.33—	11.43	73	11.9	41.5
11.43—	14.00	86	14.0	29.6
14.00—	17.16	36	5.9	15.6
17.16—	21.02	34	5.5	9.8
21.02—	25.75	9	1.5	4.2
25.75—	31.54	6	1.0	2.8
31.54—	38.64	5	0.8	1.8
38.64—	47.34	3	0.5	1.0
47.34—	58.00	3	0.5	0.5

MEAN 10.3

STD. DEV. 6.3

Break in slope = 21

$\bar{X} + \bar{S} = 10.3 + 1(6.3) = 16.6$

$\bar{X} + 2S_0 = 10.3 + 2(6.3) = 23$

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CUMULATIVE FREQUENCY PLOT

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FILE NO. G 1260

RX GRID

CUMULATIVE FREQUENCY PLOT FOR ZN USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
8.00—	9.29	2	0.3	100.0
9.29—	10.78	0	0.0	99.7
10.78—	12.51	0	0.0	99.7
12.51—	14.53	1	0.2	99.7
14.53—	16.86	5	0.8	99.5
16.86—	19.58	4	0.7	98.7
19.58—	22.73	4	0.7	98.0
22.73—	26.38	6	1.0	97.4
26.38—	30.63	11	1.8	96.4
30.63—	35.55	39	6.3	94.6
35.55—	41.27	69	11.2	88.3
41.27—	47.91	100	16.3	77.1
47.91—	55.62	125	20.3	60.8
55.62—	64.56	99	16.1	40.5
64.56—	74.95	75	12.2	24.4
74.95—	87.00	46	7.5	12.2
87.00—	101.00	12	2.0	4.7
101.00—	117.25	9	1.5	2.8
117.25—	136.11	5	0.8	1.3
136.11—	158.00	3	0.5	0.5

MEAN 34.6

STD. DEV. 13.4

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CUMULATIVE FREQUENCY PLOT

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AX GRID

CUMULATIVE FREQUENCY PLOT FOR AS USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
1.00—	1.28	1	0.2	100.0
1.28—	1.63	0	0.0	99.8
1.63—	2.08	0	0.0	99.8
2.08—	2.65	0	0.0	99.8
2.65—	3.38	606	98.5	99.6
3.38—	4.31	0	0.0	1.3
4.31—	5.49	1	0.2	1.3
5.49—	7.01	0	0.0	1.1
7.01—	8.94	0	0.0	1.1
8.94—	11.40	3	0.5	1.1
11.40—	14.54	0	0.0	0.7
14.54—	18.55	1	0.2	0.7
18.55—	23.66	1	0.2	0.5
23.66—	30.18	0	0.0	0.3
30.18—	38.50	0	0.0	0.3
38.50—	49.11	0	0.0	0.3
49.11—	62.64	1	0.2	0.3
62.64—	79.90	0	0.0	0.2
79.90—	101.92	0	0.0	0.2
101.92—	130.00	1	0.2	0.2

MEAN 3.3

STD. DEV. 5.1

$\bar{x} + 3\delta = 3.3 + 3(5.1) = 18.6 \quad 19$

$\bar{x} + 2\delta = 3.3 + 2(5.1) = 13.5 \quad 14$

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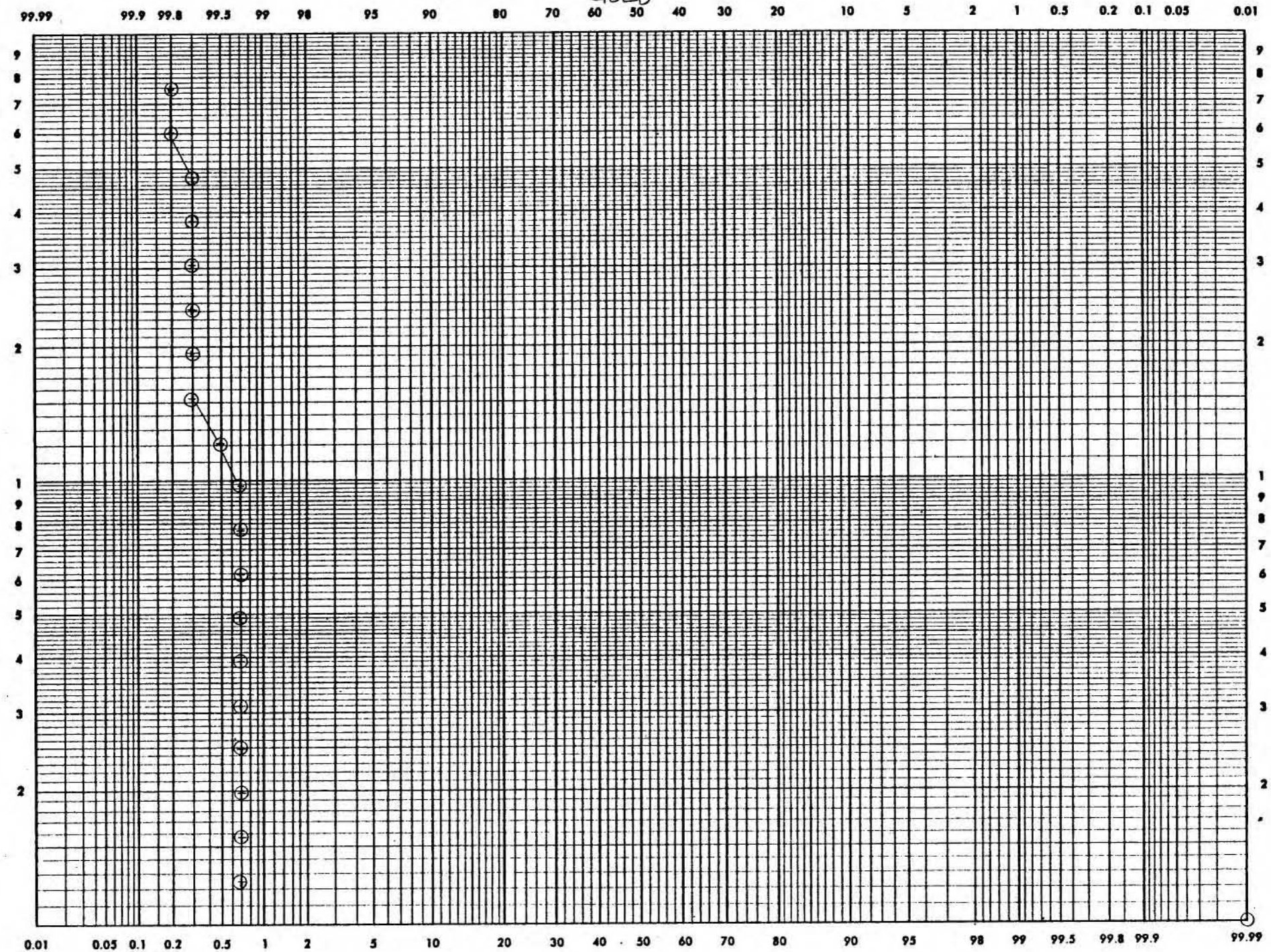
CLEARPRINT CHARTS

CUMULATIVE FREQUENCY PLOT: AX GRID

GOLD

PD 6 AU



CUMULATIVE FREQUENCY %

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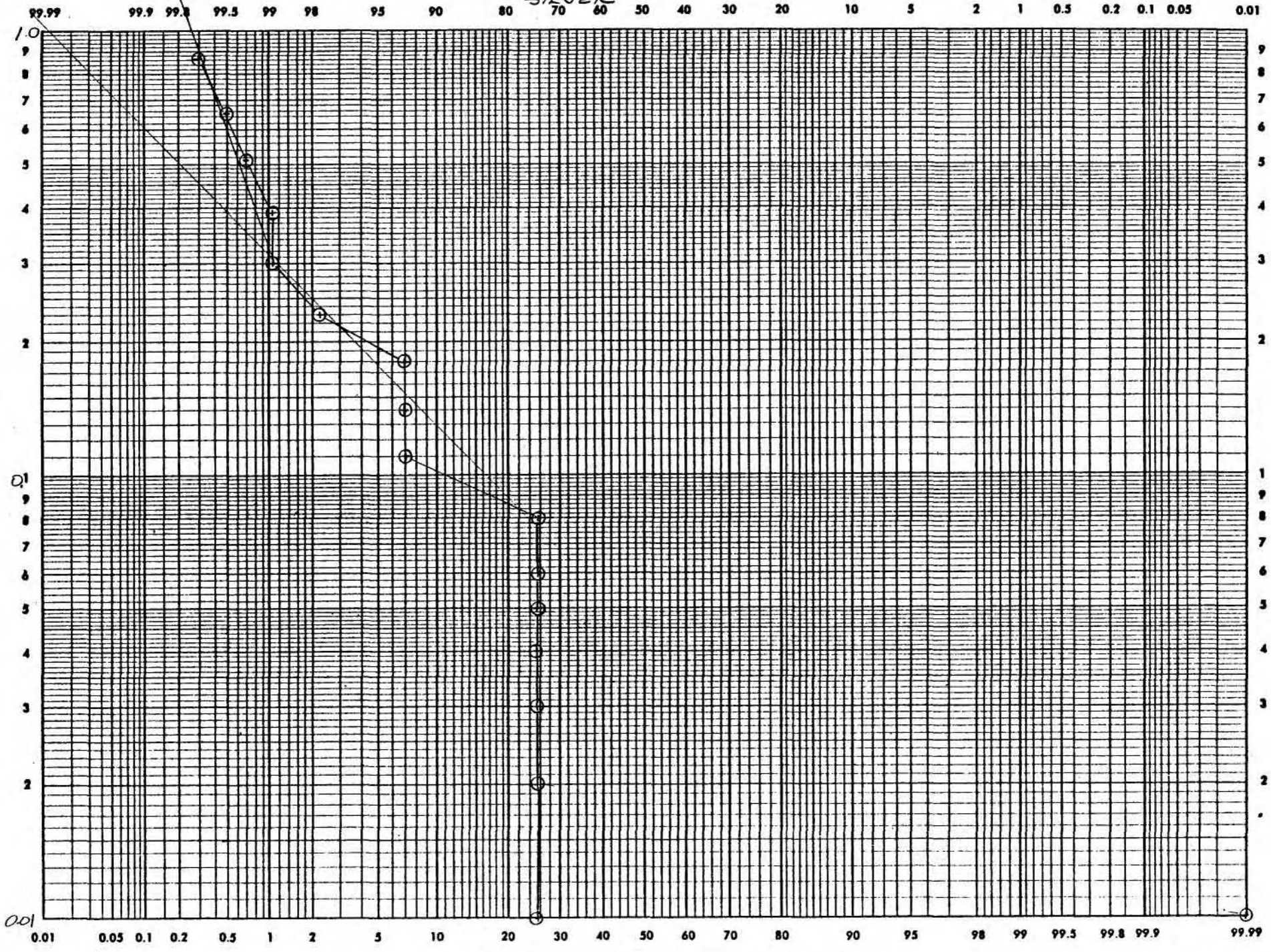
CLEARPRINT CHARTS

CUMULATIVE FREQUENCY PLOT AX GRID SILVER



By wkd

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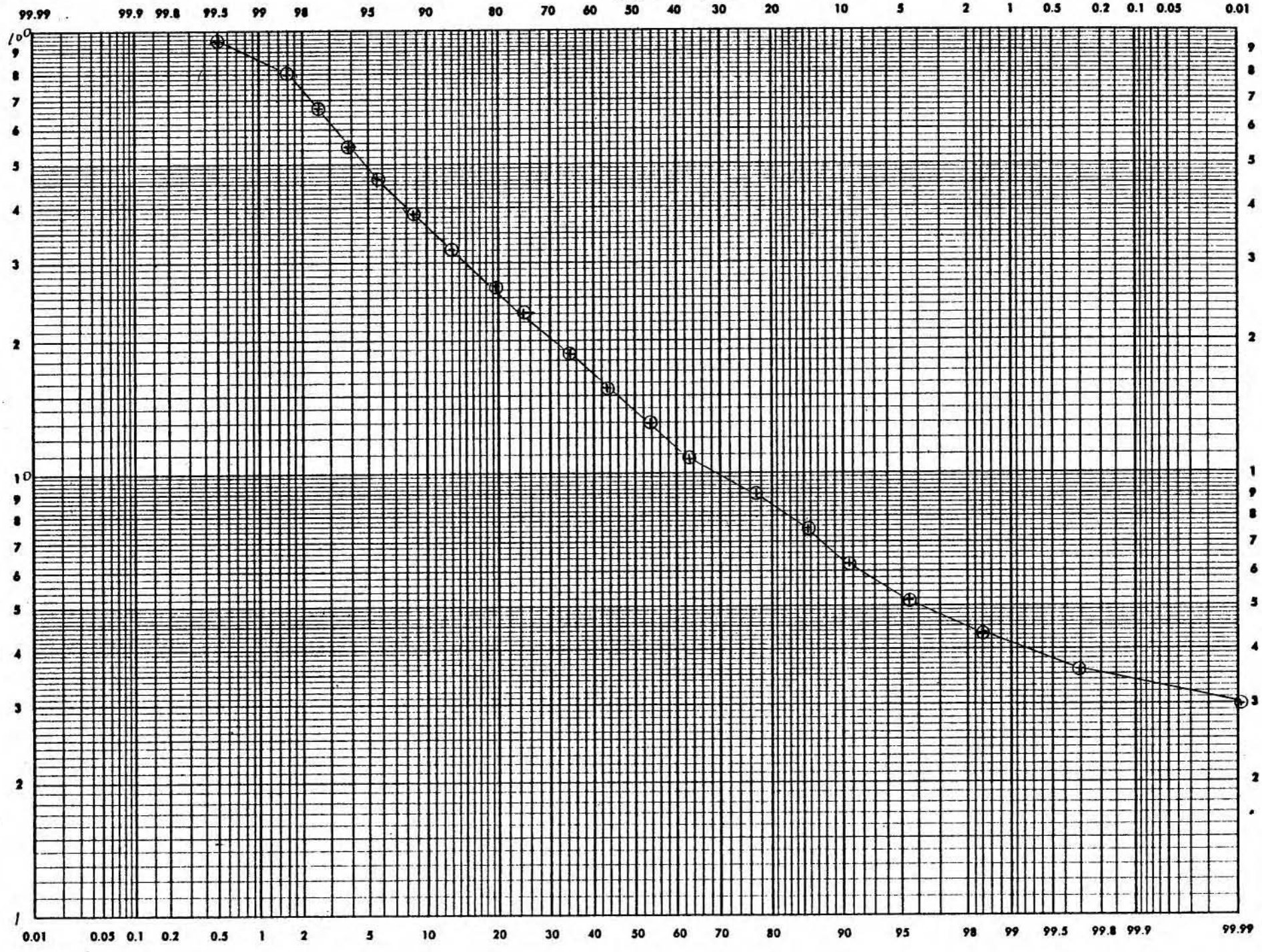
CLEARPRINT CHARTS

CUMULATIVE FREQUENCY PLOT: AX GRID
COPPER



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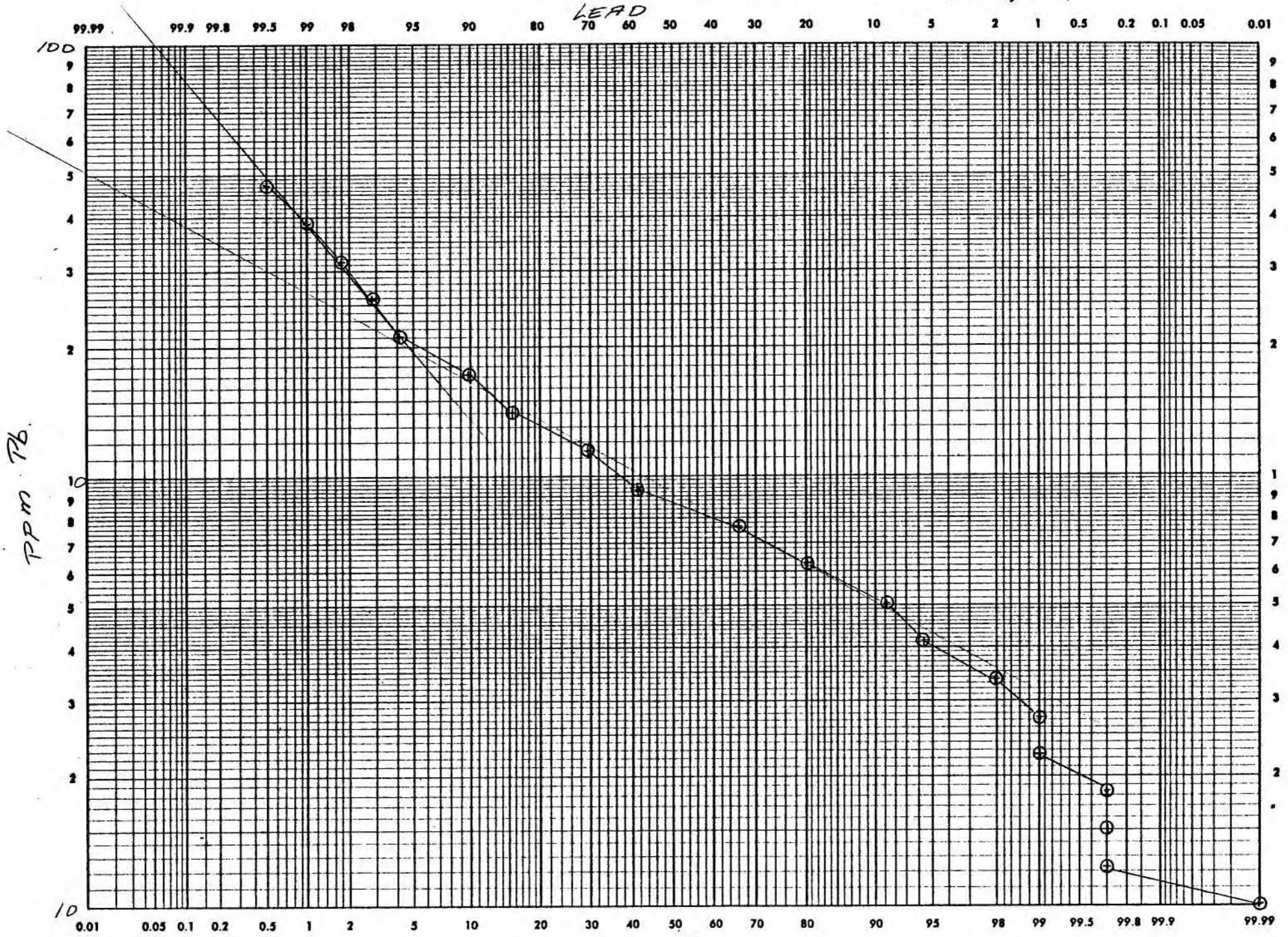
CLEARPRINT CHARTS

CUMULATIVE FREQUENCY PLOT. AX GRID

LEAD

PPM Pb.



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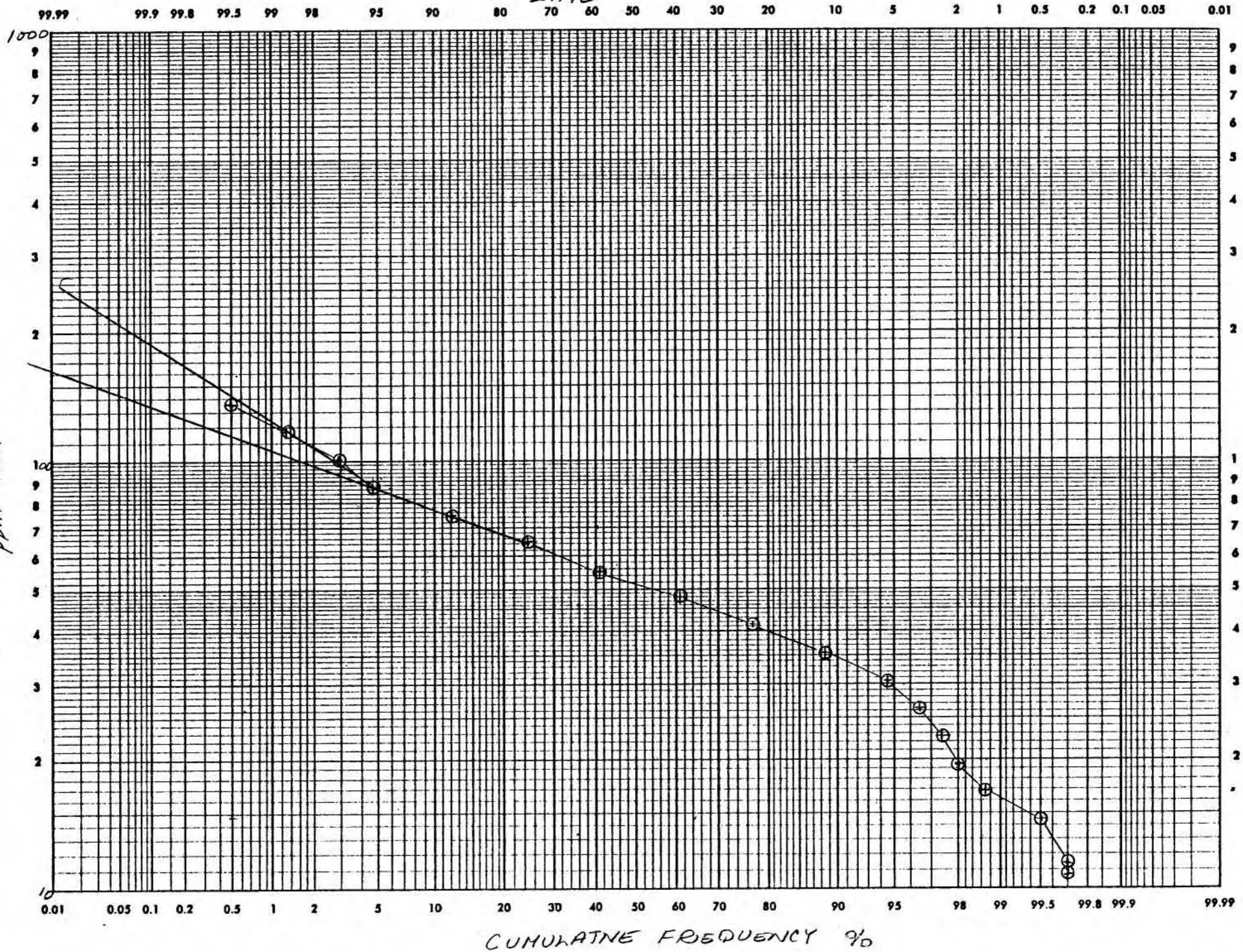
CLEARPRINT CHARTS

CUMULATIVE FREQUENCY : AX GRID.

ZINC



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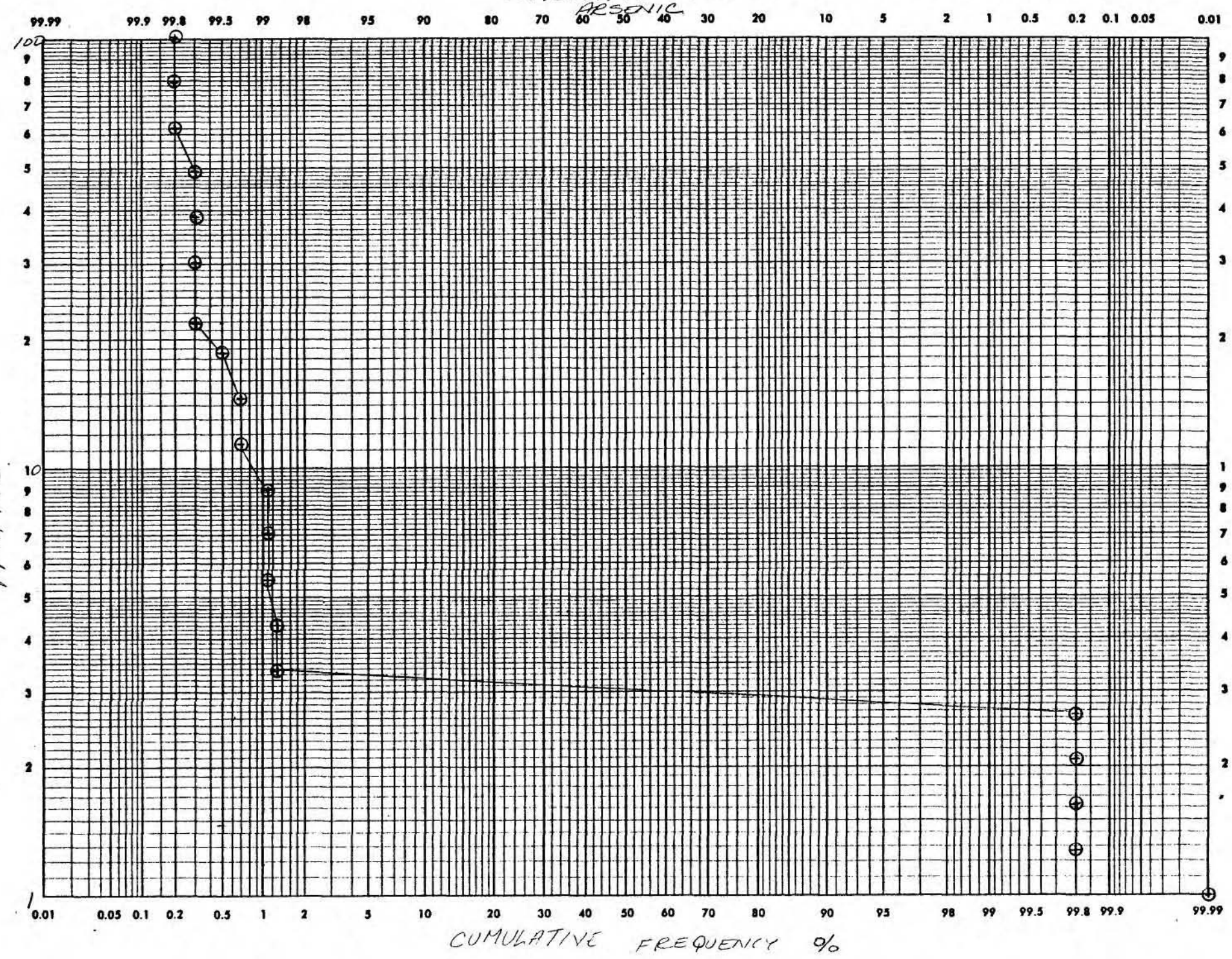
CUMULATIVE FREQUENCY PLOT: AX GRID

ARSENIC



AXE GROUP

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GEOCHEMICAL LAB REPORT

AMEX EXPLORATION LTD
BOX 286
KAMLOOPS B C
V2C 5K6

DATE DEC 10 1984
ANALYST
FILE NO. G 1260

AX GRID GROUP 1

KRAL NO.	IDENTIFICATION	AU	CU	PB
1	2500E L1200N	1.0	27.0	13.0
2	2550E	1.0	15.0	7.0
3	2600E	1.0	12.0	7.0
4	2650E	1.0	19.0	9.0
5	2700E	1.0	26.0	15.0
6	2750E	1.0	28.0	9.0
7	2800E	1.0	25.0	13.0
8	2850E	1.0	14.0	9.0
9	2900E	1.0	16.0	7.0
10	2950E	1.0	12.0	7.0
11	3000E	1.0	10.0	8.0
12	3050E	1.0	40.0	21.0
13	3100E	1.0	11.0	8.0
14	3150E	1.0	32.0	19.0
15	3200E	1.0	7.0	12.0
16	3250E	1.0	7.0	13.0
17	3300E	1.0	9.0	19.0
18	3350E	1.0	15.0	19.0
19	3400E	1.0	14.0	18.0
20	3450E	1.0	20.0	27.0
21	3500E	1.0	6.0	13.0
22	3550E	1.0	18.0	16.0
23	3600E	1.0	10.0	2.0
24	3650E	1.0	4.0	10.0
25	2500E L1400N	1.0	12.0	12.0
26	2550E	1.0	24.0	11.0
27	2600E	1.0	16.0	10.0
28	2650E	1.0	9.0	8.0
29	2700E	1.0	12.0	10.0
30	2750E	1.0	14.0	14.0

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KRAL NO.	IDENTIFICATION	AU	CU	PB
31	2800E	1.0	14.0	16.0
32	2850E	1.0	8.0	9.0
33	2900E	1.0	20.0	11.0
34	2950E	1.0	18.0	15.0
35	3000E	1.0	8.0	9.0
36	3050E	1.0	6.0	8.0
37	3100E	1.0	6.0	25.0
38	3150E	1.0	7.0	14.0
39	3200E	1.0	5.0	9.0
40	3250E	1.0	17.0	19.0
41	3300E	1.0	8.0	14.0
42	3350E	1.0	16.0	18.0
43	3400E	1.0	10.0	10.0
44	3450E	1.0	19.0	18.0
45	3500E	1.0	19.0	17.0
46	3550E	1.0	4.0	12.0
47	3600E	1.0	7.0	14.0
48	3650E	95.0	9.0	13.0
49	3700E	1.0	3.0	8.0
50	3750E	1.0	40.0	13.0
51	3800E	1.0	16.0	31.0
52	2600E L 1600N	1.0	19.0	6.0
53	2650E	1.0	20.0	16.0
54	2700E	1.0	24.0	19.0
55	2750E	1.0	22.0	21.0
56	2800E	1.0	10.0	7.0
57	2850E	1.0	13.0	15.0
58	2900E	1.0	13.0	13.0
59	2950E	1.0	10.0	10.0
60	3000E	1.0	8.0	10.0
61	3050E	1.0	7.0	15.0
62	3100E	1.0	11.0	11.0
63	3150E	1.0	19.0	10.0
64	3200E	1.0	17.0	16.0
65	3250E	1.0	10.0	15.0
66	3300E	1.0	5.0	4.0
67	3350E	1.0	36.0	13.0
68	3400E	1.0	11.0	10.0
69	3450E	1.0	19.0	22.0
70	3500E	1.0	7.0	17.0

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KRAL NO.	IDENTIFICATION	AU	CU	PB
71	3550E	1.0	24.0	19.0
72	3600E	1.0	25.0	17.0
73	3650E	1.0	16.0	14.0
74	3700E	1.0	27.0	19.0
75	3750E	1.0	81.0	18.0
76	3800E	1.0	59.0	55.0
77	3850E	1.0	7.0	47.0
78	3900E	1.0	20.0	46.0
79	3950E	1.0	19.0	20.0
80	4000E	1.0	16.0	26.0
81	2400E L1800N	1.0	29.0	23.0
82	2450E	1.0	24.0	20.0
83	2500E	1.0	26.0	18.0
84	2550E	1.0	32.0	21.0
85	2600E	1.0	45.0	37.0
86	2650E	1.0	27.0	19.0
87	2700E	1.0	20.0	12.0
88	2750E	1.0	9.0	9.0
89	2800E	1.0	6.0	8.0
90	2850E	1.0	16.0	9.0
91	2900E	1.0	15.0	9.0
92	2950E	1.0	9.0	14.0
93	3000E	1.0	10.0	13.0
94	3050E	1.0	9.0	16.0
95	3100E	1.0	12.0	20.0
96	3150E	1.0	8.0	16.0
97	3200E	1.0	20.0	15.0
98	3250E	1.0	10.0	14.0
99	3300E	1.0	6.0	13.0
100	3350E	1.0	8.0	16.0
101	3400E	1.0	18.0	32.0
102	3450E	1.0	11.0	18.0
103	3500E	1.0	11.0	18.0
104	3550E	1.0	18.0	27.0
105	3600E	1.0	36.0	34.0
106	3650E	1.0	18.0	22.0
107	3700E	1.0	14.0	11.0
108	3750E	1.0	18.0	39.0
109	3800E	1.0	12.0	17.0
110	3850E	1.0	25.0	26.0

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FILE NO G 1260

KRAL NO.	IDENTIFICATION	AU	CU	PB
111	3900E	1.0	8.0	9.0
112	3950E	1.0	8.0	16.0
113	4000E	1.0	16.0	56.0
114	2400E L2000N	1.0	26.0	15.0
115	2450E	1.0	9.0	9.0
116	2500E	1.0	25.0	12.0
117	2550E	1.0	12.0	8.0
118	2600E	1.0	14.0	11.0
119	2650E	1.0	6.0	9.0
120	2700E	1.0	11.0	11.0
121	2750E	1.0	18.0	19.0
122	2800E	1.0	43.0	19.0
123	2850E	1.0	24.0	9.0
124	2900E	1.0	9.0	9.0
125	2950E	1.0	9.0	8.0
126	3000E	1.0	10.0	6.0
127	3050E	1.0	10.0	8.0
128	3100E	1.0	10.0	8.0
129	3150E	1.0	7.0	7.0
130	3200E	1.0	10.0	6.0
131	3250E	1.0	11.0	4.0
132	3300E	1.0	10.0	4.0
133	3350E	1.0	13.0	10.0
134	3400E	1.0	13.0	11.0
135	3450E	1.0	7.0	8.0
136	3500E	1.0	6.0	7.0
137	3550E	1.0	11.0	6.0
138	3600E	1.0	11.0	6.0
139	3650E	1.0	9.0	7.0
140	3700E	1.0	28.0	10.0
141	3750E	1.0	9.0	5.0
142	3800E	1.0	4.0	5.0
143	3850E	1.0	6.0	6.0
144	3900E	1.0	13.0	14.0
145	3950E	1.0	16.0	14.0
146	4000E	1.0	13.0	32.0
147	2600E L 2800N	1.0	11.0	4.0
148	2650E	1.0	18.0	11.0
149	2700E	1.0	22.0	10.0
150	2750E	1.0	19.0	12.0

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FILE NO G 1260

KRAL NO.	IDENTIFICATION	AU	CU	PB
151	2800E	1.0	8.0	8.0
152	2850E	1.0	16.0	12.0
153	2900E	1.0	57.0	5.0
154	2950E	1.0	36.0	9.0
155	3000E	1.0	32.0	13.0
156	3050E	1.0	58.0	32.0
157	3100E	1.0	21.0	17.0
158	3150E	1.0	26.0	14.0
159	3200E	1.0	44.0	4.0
160	3250E	1.0	10.0	7.0
161	3300E	1.0	23.0	15.0
162	3350E	1.0	10.0	10.0
163	3400E	1.0	7.0	8.0
164	2600E L3200N	1.0	16.0	8.0
165	2650E	1.0	10.0	7.0
166	2700E	1.0	38.0	13.0
167	2750E	1.0	7.0	4.0
168	2800E	1.0	49.0	16.0
169	2850E	1.0	24.0	12.0
170	2900E	1.0	21.0	8.0
171	2950E	1.0	25.0	12.0
172	3000E	1.0	28.0	7.0
173	3050E	1.0	12.0	3.0
174	3100E	1.0	13.0	9.0
175	3250E	1.0	9.0	22.0
176	3300E	1.0	10.0	12.0
177	3350E	1.0	9.0	13.0
178	3400E	1.0	15.0	13.0
179	2500E L3400N	1.0	5.0	2.0
180	2550E	1.0	13.0	10.0
181	2600E	1.0	11.0	8.0
182	2650E	1.0	10.0	9.0
183	2700E	1.0	9.0	8.0
184	2750E	1.0	9.0	6.0
185	2800E	1.0	33.0	18.0
186	2850E	1.0	31.0	13.0
187	2900E	1.0	16.0	10.0
188	2950E	1.0	27.0	12.0
189	3000E	1.0	16.0	13.0
190	2200E L3600N	1.0	8.0	5.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL . LAB REPORT

FILE NO G 1260

KRAL NO.	IDENTIFICATION	AU	CU	PB
191	2250E	1.0	7.0	5.0
192	2300E	1.0	8.0	15.0
193	2350E	1.0	26.0	8.0
194	2400E	1.0	14.0	12.0
195	2450E	1.0	24.0	58.0
196	2500E	1.0	28.0	8.0
197	2550E	1.0	8.0	11.0
198	2600E	1.0	43.0	7.0
199	2650E	1.0	8.0	8.0
200	2700E	1.0	37.0	20.0
201	2750E	1.0	29.0	15.0
202	2800E	1.0	16.0	14.0
203	2850E	1.0	36.0	16.0
204	2900E	1.0	16.0	14.0
205	2950E	1.0	33.0	13.0
206	3000E	1.0	13.0	13.0
207	1100E L4000N	1.0	10.0	5.0
208	1125E	1.0	7.0	5.0
209	1150E	1.0	45.0	10.0
210	1175E	1.0	10.0	5.0
211	1200E	1.0	20.0	8.0
212	1225E	1.0	8.0	6.0
213	1250E	1.0	21.0	9.0
214	1275E	1.0	14.0	2.0
215	1300E	1.0	3.0	0.0
216	1325E	60.0	6.0	7.0
217	1350E	1.0	6.0	6.0
218	1375E	1.0	11.0	8.0
219	1400E	1.0	10.0	6.0
220	1425E	1.0	23.0	8.0
221	1450E	1.0	12.0	10.0
222	1475E	1.0	10.0	9.0
223	1500E	1.0	14.0	7.0
224	1000E L4100N	1.0	12.0	6.0
225	1025E	1.0	35.0	10.0
226	1050E	1.0	21.0	6.0
227	1075E	1.0	110.0	4.0
228	1100E	1.0	16.0	7.0
229	1125E	1.0	8.0	6.0
230	1225E	1.0	38.0	9.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1260

KRAL NO.	IDENTIFICATION	AU	CU	PB
231	1275E	1.0	28.0	11.0
232	1300E	1.0	16.0	8.0
233	1325E	1.0	21.0	4.0
234	1350E	1.0	22.0	10.0
235	1375E	1.0	14.0	7.0
236	1400E	1.0	17.0	7.0
237	1425E	1.0	6.0	4.0
238	1450E	1.0	13.0	7.0
239	1475E	1.0	9.0	8.0
240	1500E	1.0	6.0	6.0

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FILE NO. G 1260

AX GRID

KRAL NO.	IDENTIFICATION	ZN	AG	AS
1	2500E L1200N	82.0	0.0	3.0
2	2550E	68.0	0.0	3.0
3	2600E	78.0	0.6	3.0
4	2650E	82.0	0.0	3.0
5	2700E	83.0	0.0	3.0
6	2750E	42.0	0.4	3.0
7	2800E	78.0	0.0	3.0
8	2850E	68.0	0.0	3.0
9	2900E	65.0	0.0	3.0
10	2950E	74.0	0.1	3.0
11	3000E	72.0	0.1	3.0
12	3050E	71.0	0.1	3.0
13	3100E	49.0	0.0	3.0
14	3150E	64.0	0.0	3.0
15	3200E	64.0	0.0	3.0
16	3250E	75.0	0.0	3.0
17	3300E	66.0	0.0	3.0
18	3350E	47.0	0.0	3.0
19	3400E	46.0	0.0	3.0
20	3450E	74.0	0.0	3.0
21	3500E	35.0	0.0	3.0
22	3550E	46.0	0.0	3.0
23	3600E	23.0	0.0	3.0
24	3650E	35.0	0.0	3.0
25	2500E L1400N	62.0	0.0	3.0
26	2550E	66.0	0.0	3.0
27	2600E	69.0	0.0	3.0
28	2650E	105.0	0.8	3.0
29	2700E	103.0	0.2	3.0
30	2750E	88.0	0.1	3.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

FILE NO G 1260

KRAL NO.	IDENTIFICATION	ZN	AG	AS
31	2800E	68.0	0.2	3.0
32	2850E	62.0	0.0	3.0
33	2900E	73.0	0.0	3.0
34	3950E	57.0	0.0	3.0
35	3000E	58.0	0.1	3.0
36	3050E	52.0	0.0	3.0
37	3100E	85.0	0.1	3.0
38	3150E	95.0	0.0	3.0
39	3200E	54.0	0.0	3.0
40	3250E	52.0	0.0	3.0
41	3300E	45.0	0.0	3.0
42	3350E	46.0	0.0	3.0
43	3400E	45.0	0.0	3.0
44	3450E	72.0	0.0	3.0
45	3500E	71.0	0.0	3.0
46	3550E	53.0	0.0	3.0
47	3600E	45.0	0.0	3.0
48	3650E	48.0	0.0	3.0
49	3700E	19.0	0.1	3.0
50	3750E	43.0	0.3	3.0
51	3800E	81.0	0.0	3.0
52	2600E L1600N	60.0	0.0	3.0
53	2650E	101.0	0.0	3.0
54	2700E	71.0	0.2	3.0
55	2750E	65.0	0.1	3.0
56	2800E	62.0	0.0	3.0
57	2850E	48.0	0.0	3.0
58	2900E	67.0	0.1	3.0
59	2950E	50.0	0.0	3.0
60	3000E	57.0	0.0	3.0
61	3050E	50.0	0.0	3.0
62	3100E	56.0	0.1	3.0
63	3150E	48.0	0.1	3.0
64	3200E	46.0	0.0	3.0
65	3250E	30.0	0.0	3.0
66	3300E	27.0	0.0	3.0
67	3350E	65.0	0.1	15.0
68	3400E	47.0	0.0	3.0
69	3450E	83.0	0.0	3.0
70	3500E	75.0	0.0	3.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1260

KRAL NO.	IDENTIFICATION	ZN	AG	AS
71	3550E	62.0	0.0	3.0
72	3600E	55.0	0.0	3.0
73	3650E	48.0	0.0	3.0
74	3700E	53.0	0.0	3.0
75	3750E	106.0	0.1	3.0
76	3800E	108.0	0.1	3.0
77	3850E	91.0	0.1	3.0
78	3900E	123.0	0.2	50.0
79	3950E	54.0	0.0	3.0
80	4000E	68.0	0.0	3.0
81	2400E L 1800N	69.0	0.1	3.0
82	2450E	86.0	0.0	3.0
83	2500E	67.0	0.1	3.0
84	2550E	64.0	0.1	3.0
85	2600E	80.0	0.0	3.0
86	2650E	58.0	0.0	3.0
87	2700E	55.0	0.1	3.0
88	2750E	46.0	0.0	3.0
89	2800E	56.0	0.0	3.0
90	2850E	61.0	0.1	3.0
91	2900E	51.0	0.0	3.0
92	2950E	48.0	0.0	3.0
93	3000E	56.0	0.0	3.0
94	3050E	52.0	0.1	3.0
95	3100E	45.0	0.0	3.0
96	3150E	37.0	0.0	3.0
97	3200E	46.0	0.0	3.0
98	3250E	56.0	0.0	3.0
99	3300E	36.0	0.0	3.0
100	3350E	47.0	0.0	3.0
101	3400E	71.0	0.0	3.0
102	3450E	48.0	0.0	3.0
103	3500E	72.0	0.0	3.0
104	3550E	77.0	0.0	3.0
105	3600E	65.0	0.2	3.0
106	3650E	80.0	0.0	3.0
107	3700E	71.0	0.0	3.0
108	3750E	85.0	0.1	3.0
109	3800E	74.0	0.1	3.0
110	3850E	65.0	0.1	3.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

FILE NO G 1260

KRAL NO.	IDENTIFICATION	ZN	AG	AS
111	3900E	45.0	0.1	3.0
112	3950E	48.0	0.2	3.0
113	4000E	49.0	0.1	3.0
114	2400E L2000N	57.0	0.1	3.0
115	2450E	46.0	0.1	3.0
116	2500E	62.0	0.0	3.0
117	2550E	59.0	0.1	3.0
118	2600E	65.0	0.0	3.0
119	2650E	63.0	0.1	3.0
120	2700E	52.0	0.0	3.0
121	2750E	75.0	0.1	3.0
122	2800E	70.0	0.0	3.0
123	2850E	46.0	0.0	3.0
124	2900E	58.0	0.0	3.0
125	2950E	35.0	0.1	3.0
126	3000E	122.0	0.2	3.0
127	3050E	111.0	0.1	3.0
128	3100E	59.0	0.1	3.0
129	3150E	68.0	0.0	3.0
130	3200E	62.0	0.0	3.0
131	3250E	68.0	0.0	3.0
132	3300E	49.0	0.1	3.0
133	3350E	40.0	0.1	3.0
134	3400E	47.0	0.0	3.0
135	3450E	43.0	0.2	3.0
136	3500E	56.0	0.1	3.0
137	3550E	137.0	0.2	3.0
138	3600E	117.0	0.2	3.0
139	3650E	87.0	0.1	3.0
140	3700E	59.0	0.2	3.0
141	3750E	72.0	0.2	3.0
142	3800E	46.0	0.0	3.0
143	3850E	63.0	0.1	3.0
144	3900E	76.0	0.0	3.0
145	3950E	70.0	0.2	3.0
146	4000E	57.0	0.1	3.0
147	2600E L2800N	42.0	0.0	3.0
148	2650E	46.0	0.0	3.0
149	2700E	53.0	0.0	3.0
150	2750E	75.0	0.1	3.0

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GEOCHEMICAL LAB REPORT

FILE NO G 1260

KRAL NO.	IDENTIFICATION	ZN	AG	AS
151	2800E	58.0	0.1	3.0
152	2850E	76.0	0.2	3.0
153	2900E	98.0	0.0	3.0
154	2950E	84.0	0.0	3.0
155	3000E	67.0	0.1	3.0
156	3050E	78.0	0.1	3.0
157	3100E	58.0	0.1	3.0
158	3150E	81.0	0.1	3.0
159	3200E	46.0	0.1	3.0
160	3250E	69.0	0.0	3.0
161	3300E	63.0	0.2	3.0
162	3350E	87.0	0.3	3.0
163	3400E	61.0	0.2	3.0
164	2600E L3200N	46.0	0.0	3.0
165	2650E	55.0	0.0	3.0
166	2700E	52.0	0.0	3.0
167	2750E	33.0	0.0	3.0
168	2800E	70.0	0.1	3.0
169	2850E	52.0	0.1	3.0
170	2900E	33.0	0.3	3.0
171	2950E	52.0	0.0	3.0
172	3000E	34.0	0.3	3.0
173	3050E	20.0	0.2	3.0
174	3100E	47.0	0.0	3.0
175	3250E	52.0	0.0	3.0
176	3300E	58.0	0.0	3.0
177	3350E	53.0	0.0	3.0
178	3400E	74.0	0.1	3.0
179	2500E L3400N	52.0	0.0	3.0
180	2550E	52.0	0.0	3.0
181	2600E	54.0	0.0	3.0
182	2650E	48.0	0.0	3.0
183	2700E	50.0	0.0	3.0
184	2750E	51.0	0.0	3.0
185	2800E	85.0	0.0	3.0
186	2850E	64.0	0.0	3.0
187	2900E	70.0	0.0	3.0
188	2950E	62.0	0.0	3.0
189	3000E	52.0	0.0	3.0
190	2200E L3600N	73.0	0.1	3.0

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GEOCHEMICAL LAB REPORT

FILE NO G 1260

KRAL NO.	IDENTIFICATION	ZN	AG	AS
191	2250E	33.0	0.1	3.0
192	2300E	108.0	0.0	3.0
193	2350E	69.0	0.0	3.0
194	2400E	102.0	0.0	3.0
195	2450E	44.0	0.0	3.0
196	2500E	44.0	0.0	3.0
197	2550E	54.0	0.0	3.0
198	2600E	52.0	0.0	3.0
199	2650E	59.0	0.0	3.0
200	2700E	83.0	0.1	3.0
201	2750E	62.0	0.1	3.0
202	2800E	61.0	0.0	3.0
203	2850E	71.0	0.0	3.0
204	2900E	68.0	0.0	3.0
205	2950E	137.0	0.0	3.0
206	3000E	63.0	0.0	3.0
207	1100E L4000N	78.0	0.0	3.0
208	1125E	65.0	0.0	3.0
209	1150E	78.0	0.0	3.0
210	1175E	58.0	0.0	3.0
211	1200E	40.0	0.0	3.0
212	1225E	43.0	0.0	3.0
213	1250E	61.0	0.0	3.0
214	1275E	15.0	0.0	3.0
215	1300E	8.0	0.0	3.0
216	1325E	49.0	0.0	3.0
217	1350E	78.0	0.0	3.0
218	1375E	71.0	0.1	3.0
219	1400E	88.0	0.0	3.0
220	1425E	50.0	0.1	3.0
221	1450E	51.0	0.0	3.0
222	1475E	75.0	0.0	3.0
223	1500E	68.0	0.0	3.0
224	1000E L4100N	81.0	0.0	3.0
225	1025E	70.0	0.1	3.0
226	1050E	68.0	0.1	3.0
227	1075E	57.0	0.0	3.0
228	1100E	64.0	0.0	3.0
229	1125E	55.0	0.0	3.0
230	1225E	71.0	0.0	3.0

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GEOCHEMICAL LAB REPORT

FILE NO G 1260

KRAL NO.	IDENTIFICATION	ZN	AG	AS
231	1275E	57.0	0.0	3.0
232	1300E	58.0	0.0	3.0
233	1325E	35.0	0.0	3.0
234	1350E	64.0	0.0	3.0
235	1375E	76.0	0.0	3.0
236	1400E	69.0	0.0	3.0
237	1425E	44.0	0.0	3.0
238	1450E	48.0	0.0	3.0
239	1475E	65.0	0.0	3.0
240	1500E	41.0	0.0	3.0

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DATE DEC 10 1984
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FILE NO. G 1257

AX GRID GRID 2

KRAL NO.	IDENTIFICATION	AU	CU	PB
1	26.00E L3000N	1.0	12.0	12.0
2	26.50	1.0	12.0	11.0
3	27.00E	1.0	9.0	12.0
4	27.50E	1.0	18.0	12.0
5	28.00E	1.0	12.0	12.0
6	28.50E	1.0	9.0	14.0
7	29.00E	1.0	15.0	12.0
8	29.50E	1.0	8.0	11.0
9	30.00E	1.0	16.0	21.0
10	30.50E	1.0	12.0	18.0
11	31.00E	1.0	9.0	11.0
12	31.50E	1.0	18.0	15.0
13	32.00E	1.0	10.0	13.0
14	32.50E	1.0	7.0	12.0
15	33.00E	1.0	8.0	11.0
16	33.50E	1.0	20.0	22.0
17	34.00E	1.0	33.0	19.0
18	900 E L4200N	1.0	26.0	11.0
19	925E	1.0	7.0	8.0
20	950E	1.0	41.0	11.0
21	975E	1.0	37.0	12.0
22	1000E	1.0	32.0	11.0
23	1025E	1.0	17.0	10.0
24	1050E	1.0	17.0	8.0
25	1075E	1.0	12.0	7.0
26	1100E	1.0	12.0	8.0
27	1125E	1.0	8.0	7.0
28	1150E	1.0	9.0	7.0
29	1175E	1.0	25.0	7.0
30	1200E	1.0	26.0	8.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	AU	CU	PB
31	1225E	1.0	8.0	9.0
32	1250E	1.0	33.0	12.0
33	1275E	1.0	8.0	4.0
34	1300E	1.0	19.0	9.0
35	1325E	1.0	27.0	7.0
36	1350E	1.0	90.0	6.0
37	1375E	1.0	16.0	8.0
38	1400E	1.0	19.0	8.0
39	1425E	1.0	34.0	13.0
40	1450E	1.0	35.0	14.0
41	1475E	1.0	29.0	15.0
42	1500E	1.0	19.0	8.0
43	800E L4300N	1.0	47.0	14.0
44	825E	1.0	46.0	11.0
45	850E	1.0	78.0	12.0
46	875E	1.0	91.0	10.0
47	900E	1.0	81.0	12.0
48	925E	1.0	41.0	13.0
49	950E	1.0	27.0	10.0
50	975E	1.0	30.0	4.0
51	1000E	1.0	18.0	7.0
52	1025E	1.0	24.0	7.0
53	1050E	1.0	46.0	9.0
54	1075E	1.0	13.0	8.0
55	1100E	1.0	10.0	8.0
56	1125E	1.0	13.0	7.0
57	1150E	1.0	8.0	5.0
58	1200E	1.0	23.0	6.0
59	1225E	1.0	37.0	7.0
60	1250E	1.0	4.0	4.0
61	1275E	1.0	8.0	8.0
62	1300E	1.0	16.0	8.0
63	1325E	1.0	32.0	13.0
64	1350E	1.0	15.0	13.0
65	1400E	1.0	16.0	8.0
66	1425E	1.0	14.0	4.0
67	1450E	1.0	12.0	22.0
68	1475E	1.0	23.0	10.0
69	700E L4400N	1.0	55.0	31.0
70	725E	1.0	14.0	8.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION		AU	CU	PB
71	750E		1.0	14.0	8.0
72	775E		1.0	7.0	6.0
73	800E		1.0	5.0	5.0
74	825E		1.0	17.0	13.0
75	850E		1.0	17.0	10.0
76	875E		1.0	18.0	6.0
77	900E		1.0	7.0	5.0
78	925E		1.0	9.0	6.0
79	950E		1.0	28.0	7.0
80	975E		1.0	20.0	9.0
81	1000E		1.0	6.0	8.0
82	1025E		1.0	6.0	9.0
83	1050E		1.0	8.0	8.0
84	1075E		1.0	10.0	7.0
85	1100E		1.0	16.0	7.0
86	1125E		1.0	5.0	6.0
87	1150E		1.0	12.0	7.0
88	1175E		1.0	25.0	8.0
89	1200E		1.0	15.0	7.0
90	1225E		1.0	12.0	7.0
91	1250E		1.0	19.0	8.0
92	1275E		1.0	19.0	8.0
93	1300E		1.0	21.0	10.0
94	1325E		1.0	8.0	9.0
95	1350E		1.0	9.0	8.0
96	1375E		1.0	18.0	10.0
97	1400E		1.0	10.0	6.0
98	1425E		1.0	38.0	13.0
99	1450E		1.0	28.0	10.0
100	1475E		1.0	28.0	7.0
101	1500E		1.0	51.0	12.0
102	700E	L4500N	1.0	13.0	8.0
103	725E		1.0	12.0	8.0
104	750E		1.0	9.0	6.0
105	775E		1.0	15.0	6.0
106	800E		1.0	10.0	8.0
107	825E		1.0	25.0	17.0
108	850E		1.0	22.0	11.0
109	875E		1.0	9.0	8.0
110	900E		1.0	8.0	7.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	AU	CU	PB
111	925E	1.0	7.0	7.0
112	950E	1.0	10.0	7.0
113	950E A	1.0	7.0	7.0
114	975E	1.0	15.0	8.0
115	1000E	1.0	9.0	7.0
116	1025E	1.0	8.0	6.0
117	1050E	1.0	11.0	7.0
118	1075E	1.0	8.0	6.0
119	1100E	1.0	21.0	7.0
120	1125E	1.0	10.0	7.0
121	1175E	1.0	8.0	9.0
122	1275E	1.0	8.0	8.0
123	1300E	1.0	13.0	6.0
124	1325E	1.0	59.0	4.0
125	1350E	1.0	7.0	6.0
126	1375E	1.0	8.0	6.0
127	1400E	1.0	66.0	9.0
128	1425E	1.0	38.0	6.0
129	1450E	1.0	19.0	7.0
130	1475E	1.0	29.0	7.0
131	700E L4600N	1.0	8.0	6.0
132	725E	1.0	19.0	12.0
133	750E	1.0	6.0	7.0
134	775E	1.0	12.0	7.0
135	800E	1.0	38.0	15.0
136	825E	1.0	9.0	9.0
137	850E	1.0	8.0	8.0
138	875E	1.0	8.0	7.0
139	900E	1.0	10.0	7.0
140	925E	1.0	9.0	6.0
141	950E	1.0	9.0	8.0
142	975E	1.0	15.0	7.0
143	1000E	1.0	8.0	7.0
144	1025E	1.0	7.0	8.0
145	1050E	1.0	9.0	8.0
146	1075E	1.0	9.0	8.0
147	1100E	1.0	9.0	7.0
148	1125E	15.0	5.0	8.0
149	1150E	1.0	50.0	21.0
150	1175E	1.0	38.0	12.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	AU	CU	PB
151	1200E	1.0	44.0	18.0
152	1250E	1.0	10.0	10.0
153	1275E	1.0	62.0	8.0
154	1300E	1.0	115.0	10.0
155	1325E	1.0	26.0	6.0
156	1350E	1.0	93.0	10.0
157	1375E	1.0	40.0	5.0
158	1400E	1.0	82.0	7.0
159	1425E	1.0	20.0	7.0
160	1450E	1.0	35.0	9.0
161	1475E	1.0	15.0	8.0
162	1500E	1.0	25.0	7.0
163	600E L4700N	1.0	13.0	12.0
164	650E	1.0	14.0	8.0
165	675E	1.0	8.0	6.0
166	700E	1.0	31.0	9.0
167	725E	1.0	22.0	7.0
168	750E	1.0	78.0	9.0
169	800E	1.0	15.0	7.0
170	825E	1.0	9.0	6.0
171	850E	1.0	7.0	6.0
172	875E	1.0	12.0	6.0
173	900E	1.0	6.0	5.0
174	925E	1.0	12.0	7.0
175	950E	1.0	15.0	6.0
176	975E	1.0	7.0	7.0
177	1000E	1.0	13.0	7.0
178	1025E	1.0	4.0	6.0
179	1050E	1.0	11.0	7.0
180	1100E	1.0	7.0	9.0
181	1125E	1.0	22.0	9.0
182	700E L 4800N	1.0	32.0	10.0
183	725E	1.0	8.0	8.0
184	750E	1.0	6.0	10.0
185	775E	1.0	34.0	13.0
186	800E	1.0	30.0	9.0
187	825E	1.0	7.0	9.0
188	850E	1.0	15.0	5.0
189	875E	1.0	29.0	12.0
190	900E	1.0	9.0	8.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	AU	CU	PB
191	925E	1.0	19.0	7.0
192	950E	1.0	12.0	8.0
193	975E	1.0	13.0	9.0
194	1000E	1.0	13.0	8.0
195	1025E	1.0	4.0	8.0
196	1050E	1.0	6.0	7.0
197	1075E	1.0	24.0	10.0
198	1100E	1.0	25.0	16.0
199	1125E	1.0	37.0	17.0
200	1150E	1.0	38.0	11.0
201	1175E	1.0	10.0	8.0
202	1200E	1.0	12.0	8.0
203	1225E	1.0	9.0	8.0
204	1250E	1.0	5.0	7.0
205	1275E	1.0	5.0	7.0
206	1300E	1.0	19.0	8.0
207	1325E	1.0	24.0	10.0
208	1350E	1.0	9.0	7.0
209	1375E	1.0	44.0	12.0
210	1400E	1.0	63.0	17.0
211	1425E	1.0	32.0	11.0
212	1450E	1.0	47.0	13.0
213	1475E	1.0	28.0	9.0
214	1500E	1.0	29.0	8.0
215	700E L 4900N	1.0	6.0	7.0
216	725E	1.0	6.0	7.0
217	750E	1.0	6.0	6.0
218	775E	1.0	24.0	10.0
219	800E	1.0	23.0	9.0
220	825E	1.0	6.0	9.0
221	850E	1.0	10.0	7.0
222	875E	1.0	12.0	8.0
223	900E	1.0	8.0	8.0
224	925E	1.0	10.0	9.0
225	950E	1.0	7.0	8.0
226	975E	1.0	12.0	8.0
227	1000E	10.0	13.0	9.0
228	1025E	1.0	15.0	8.0
229	1050E	1.0	19.0	11.0
230	1075E	1.0	17.0	10.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	AU	CU	PB
231	1100E	1.0	14.0	9.0
232	1125E	1.0	13.0	16.0
233	1150E	1.0	19.0	9.0
234	1175E	1.0	14.0	8.0
235	1200E	1.0	41.0	12.0
236	1225E	1.0	20.0	7.0
237	1250E	1.0	29.0	8.0
238	1275E	1.0	54.0	8.0
239	1300E	1.0	8.0	6.0
240	1325E	1.0	12.0	6.0
241	1350E	1.0	10.0	7.0
242	1375E	1.0	17.0	11.0
243	1400E	1.0	13.0	10.0
244	1425E	1.0	14.0	12.0
245	1450E	1.0	9.0	10.0
246	1475E	1.0	16.0	10.0
247	1500E	1.0	53.0	12.0
248	700E L5000N	1.0	8.0	9.0
249	725E	1.0	23.0	3.0
250	750E	1.0	18.0	14.0
251	775E	1.0	6.0	8.0
252	800E	1.0	12.0	10.0
253	825E	1.0	6.0	10.0
254	850E	1.0	5.0	9.0
255	875E	1.0	23.0	10.0
256	900E	1.0	8.0	9.0
257	925E	1.0	4.0	7.0
258	950E	1.0	6.0	8.0
259	975E	1.0	5.0	6.0
260	1000E	1.0	5.0	7.0
261	1025E	1.0	7.0	8.0
262	1050E	1.0	4.0	7.0
263	1075E	1.0	16.0	6.0
264	1100E	1.0	5.0	5.0
265	1125E	1.0	75.0	6.0
266	1150E	1.0	9.0	24.0
267	1175E	1.0	6.0	8.0
268	1200E	1.0	8.0	5.0
269	1225E	1.0	19.0	6.0
270	1250E	1.0	9.0	6.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	AU	CU	PB
271	1275E	1.0	12.0	7.0
272	1300E	1.0	12.0	13.0
273	1325E	1.0	12.0	13.0
274	1350E	1.0	8.0	12.0
275	1375E	1.0	17.0	19.0
276	1400E	1.0	7.0	21.0
277	1425E	1.0	18.0	20.0
278	1450E	1.0	9.0	18.0
279	1475E	1.0	13.0	25.0
280	1500E	1.0	11.0	9.0
281	750E L 5100N	1.0	12.0	8.0
282	775E	1.0	5.0	6.0
283	800E	1.0	8.0	7.0
284	825E	1.0	9.0	7.0
285	850E	1.0	10.0	8.0
286	875E	1.0	7.0	6.0
287	900E	1.0	8.0	6.0
288	925E	1.0	9.0	6.0
289	950E	1.0	7.0	6.0
290	975E	1.0	5.0	7.0
291	1000E	1.0	8.0	6.0
292	1025E	1.0	12.0	6.0
293	1050E	1.0	19.0	5.0
294	1075E	1.0	10.0	6.0
295	1100E	1.0	27.0	13.0
296	1125E	1.0	52.0	3.0
297	1175E	1.0	81.0	10.0
298	1225E	1.0	70.0	5.0
299	1250E	1.0	50.0	10.0
300	1275E	1.0	26.0	8.0
301	1300E	1.0	23.0	9.0
302	1325E	1.0	15.0	9.0
303	1350E	1.0	33.0	5.0
304	1375E	1.0	47.0	11.0
305	1400E	1.0	65.0	14.0
306	1425E	1.0	29.0	7.0
307	1450E	1.0	21.0	6.0
308	1475E	1.0	31.0	4.0
309	850E L 5200N	1.0	8.0	8.0
310	875E	1.0	5.0	10.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	ZN	AG	AS
71	750E	65.0	0.0	3.0
72	775E	73.0	0.0	3.0
73	800E	75.0	0.0	3.0
74	825E	108.0	0.0	3.0
75	850E	65.0	0.0	3.0
76	875E	52.0	0.0	3.0
77	900E	61.0	0.0	3.0
78	925E	92.0	0.0	3.0
79	950E	61.0	0.0	3.0
80	975E	46.0	0.0	3.0
81	1000E	43.0	0.0	3.0
82	1025E	46.0	0.0	3.0
83	1050E	59.0	0.0	3.0
84	1075E	49.0	0.0	3.0
85	1100E	54.0	0.0	3.0
86	1125E	39.0	0.0	3.0
87	1150E	40.0	0.0	3.0
88	1175E	52.0	0.0	3.0
89	1200E	53.0	0.0	3.0
90	1225E	45.0	0.0	3.0
91	1250E	54.0	0.0	3.0
92	1275E	79.0	0.1	3.0
93	1300E	54.0	0.0	3.0
94	1325E	49.0	0.0	3.0
95	1350E	39.0	0.0	0.0
96	1375E	56.0	0.0	3.0
97	1400E	28.0	0.0	3.0
98	1425E	58.0	0.0	3.0
99	1450E	32.0	0.0	3.0
100	1475E	34.0	0.1	3.0
101	1500E	42.0	0.1	3.0
102	700E L 4500N	61.0	0.0	3.0
103	725E	72.0	0.1	3.0
104	750E	42.0	0.0	3.0
105	775E	53.0	0.0	3.0
106	800E	77.0	0.0	3.0
107	825E	59.0	0.0	3.0
108	850E	72.0	0.0	3.0
109	875E	60.0	0.0	3.0
110	900E	63.0	0.0	3.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	AU	CU	PB
311	900E	1.0	16.0	7.0
312	925E	1.0	19.0	6.0
313	950E	1.0	13.0	7.0
314	975E	1.0	8.0	6.0
315	1000E	1.0	24.0	6.0
316	1025E	1.0	39.0	7.0
317	1050E	1.0	31.0	3.0
318	1075E	1.0	69.0	4.0
319	1100E	1.0	48.0	16.0
320	1125E	1.0	13.0	12.0
321	1150E	1.0	18.0	8.0
322	1175E	1.0	10.0	8.0
323	1200E	1.0	6.0	7.0
324	1225E	1.0	8.0	7.0
325	1250E	1.0	42.0	14.0
326	1275E	1.0	10.0	7.0
327	1300E	1.0	18.0	12.0
328	1325E	1.0	16.0	9.0
329	1350E	1.0	69.0	12.0
330	1375E	1.0	12.0	9.0
331	1400E	1.0	9.0	7.0
332	1425E	1.0	12.0	6.0
333	1450E	1.0	9.0	9.0
334	1475E	1.0	6.0	8.0
335	1500E	1.0	12.0	15.0
336	950E L 5300N	1.0	39.0	10.0
337	1000E	1.0	5.0	7.0
338	1025E	1.0	19.0	7.0
339	1050E	1.0	9.0	6.0
340	1075E	1.0	19.0	6.0
341	1100E	1.0	15.0	5.0
342	1125E	1.0	25.0	4.0
343	1150E	1.0	23.0	3.0
344	1175E	1.0	114.0	3.0
345	1200E	1.0	26.0	4.0
346	1225E	1.0	9.0	4.0
347	1250E	1.0	41.0	2.0
348	1275E	1.0	24.0	3.0
349	1300E	1.0	13.0	6.0
350	1325E	1.0	10.0	6.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	ZN	AG	AS
31	1225E	42.0	0.0	3.0
32	1250E	51.0	0.0	3.0
33	1275E	9.0	0.0	3.0
34	1300E	38.0	0.1	3.0
35	1325E	19.0	0.3	3.0
36	1350E	26.0	0.1	3.0
37	1375E	35.0	0.0	3.0
38	1400E	44.0	0.0	3.0
39	1425E	55.0	0.1	3.0
40	1450E	46.0	0.0	3.0
41	1475E	54.0	0.0	3.0
42	1500E	40.0	0.0	3.0
43	800E L4300N	82.0	0.0	3.0
44	825E	71.0	0.1	3.0
45	850E	84.0	0.0	3.0
46	875E	86.0	0.1	3.0
47	900E	78.0	0.1	3.0
48	925E	54.0	0.0	3.0
49	950E	53.0	0.0	3.0
50	975E	58.0	0.0	3.0
51	1000E	46.0	0.0	3.0
52	1025E	41.0	0.0	3.0
53	1050E	42.0	0.0	3.0
54	1075E	56.0	0.0	3.0
55	1100E	46.0	0.0	3.0
56	1125E	69.0	0.1	3.0
57	1150E	51.0	0.0	3.0
58	1200E	27.0	0.0	3.0
59	1225E	33.0	0.0	3.0
60	1250E	19.0	0.0	3.0
61	1275E	53.0	0.0	3.0
62	1300E	59.0	0.0	3.0
63	1325E	68.0	0.0	3.0
64	1350E	33.0	0.0	3.0
65	1400E	59.0	0.0	3.0
66	1425E	16.0	0.0	3.0
67	1450E	65.0	0.0	3.0
68	1475E	36.0	0.0	3.0
69	700E L4400N	96.0	0.0	3.0
70	725E	73.0	0.0	3.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	AU	CU	PB
351	1350E	1.0	25.0	15.0
352	1375E	1.0	8.0	8.0
353	1400E	1.0	35.0	7.0
354	1425E	1.0	7.0	9.0
355	1450E	1.0	7.0	8.0
356	1475E	1.0	11.0	12.0
357	1850E L 5400N	1.0	8.0	4.0
358	1075E	1.0	5.0	4.0
359	1100E	1.0	15.0	10.0
360	1125E	1.0	6.0	8.0
361	1150E	1.0	17.0	12.0
362	1175E	1.0	14.0	8.0
363	1200E	1.0	36.0	13.0
364	1225E	1.0	25.0	10.0
365	1250E	1.0	16.0	8.0
366	1275E	1.0	7.0	7.0
367	1300E	1.0	9.0	7.0
368	1325E	1.0	10.0	6.0
369	1350E	1.0	10.0	10.0
370	1375E	1.0	9.0	8.0
371	1400E	1.0	8.0	9.0
372	1425E	1.0	13.0	4.0
373	1450E	1.0	17.0	8.0
374	1475E	1.0	6.0	8.0
375	1500E	1.0	18.0	10.0

IN AU COLUMN 1 INDICATES LESS THAN 5PPB

AU METHOD -80 MESH FIRE ASSAY ATOMIC ABSORPTION

29	1175E	45.0	8.0	3.0
30	1200E	68.0	8.0	3.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	ZN	AG	AS
111	925E	57.0	0.0	3.0
112	950E	47.0	0.0	3.0
113	950E A	35.0	0.0	3.0
114	975E	42.0	0.0	3.0
115	1000E	58.0	0.0	3.0
116	1025E	48.0	0.0	3.0
117	1050E	49.0	0.0	3.0
118	1075E	37.0	0.0	3.0
119	1100E	68.0	0.0	3.0
120	1125E	46.0	0.0	3.0
121	1175E	29.0	0.0	3.0
122	1275E	46.0	0.0	3.0
123	1300E	39.0	0.0	3.0
124	1325E	38.0	0.2	3.0
125	1350E	49.0	0.0	3.0
126	1375E	43.0	0.0	3.0
127	1400E	41.0	0.3	3.0
128	1425E	42.0	0.0	3.0
129	1450E	56.0	0.0	3.0
130	1475E	47.0	0.0	3.0
131	700E L4600N	50.0	0.0	3.0
132	725E	49.0	0.0	3.0
133	750E	38.0	0.0	3.0
134	775E	41.0	0.0	3.0
135	800E	44.0	0.0	3.0
136	825E	46.0	0.0	3.0
137	850E	68.0	0.0	3.0
138	875E	54.0	0.0	3.0
139	900E	60.0	0.0	3.0
140	925E	36.0	0.0	3.0
141	950E	38.0	0.0	3.0
142	975E	47.0	0.0	3.0
143	1000E	65.0	0.0	3.0
144	1025E	45.0	0.0	3.0
145	1050E	52.0	0.0	3.0
146	1075E	40.0	0.0	3.0
147	1100E	45.0	0.0	3.0
148	1125E	43.0	0.0	3.0
149	1150E	54.0	0.0	3.0
150	1175E	35.0	0.0	3.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	ZN	AG	AS
151	1200E	15.0	0.1	3.0
152	1250E	21.0	0.1	3.0
153	1275E	57.0	0.2	3.0
154	1300E	16.0	0.2	3.0
155	1325E	17.0	0.1	3.0
156	1350E	34.0	0.2	3.0
157	1375E	14.0	0.2	3.0
158	1400E	23.0	0.1	3.0
159	1425E	20.0	0.0	3.0
160	1450E	40.0	0.1	3.0
161	1475E	35.0	0.0	3.0
162	1500E	43.0	0.0	3.0
163	600E L4700N	127.0	0.0	3.0
164	650E	52.0	0.0	3.0
165	675E	40.0	0.0	3.0
166	700E	69.0	0.0	3.0
167	725E	45.0	0.0	5.0
168	750E	49.0	0.0	3.0
169	800E	45.0	0.0	3.0
170	825E	66.0	0.0	3.0
171	850E	38.0	0.0	3.0
172	875E	62.0	0.0	3.0
173	900E	36.0	0.0	3.0
174	925E	42.0	0.0	3.0
175	950E	41.0	0.0	3.0
176	975E	32.0	0.0	3.0
177	1000E	43.0	0.0	3.0
178	1025E	29.0	0.0	3.0
179	1050E	44.0	0.0	3.0
180	1100E	49.0	0.0	3.0
181	1125E	48.0	0.0	3.0
182	700E L4800N	62.0	0.0	3.0
183	725E	41.0	0.0	3.0
184	750E	51.0	0.0	3.0
185	775E	40.0	0.0	3.0
186	800E	43.0	0.0	3.0
187	825E	44.0	0.0	3.0
188	850E	42.0	0.0	3.0
189	875E	50.0	0.0	3.0
190	900E	51.0	0.0	3.0

KAMLOOPS RESEARCH
&
ASSAY LABORATORY
LTD

B. C. CERTIFIED ASSAYERS

312 LAVAL CRESCENT
PHONE 372-2784 - TELEX 048-8320

GEOCHEMICAL LAB REPORT

AMEX EXPLORATION LTD
BOX 286
KAMLOOPS B C
V2C 5K6

DATE DEC 10 1984
ANALYST
FILE NO. G 1257

AX GRID GROUP 2

KRAL NO.	IDENTIFICATION	ZN	AG	AS
1	26.00E L 3000N	53.0	0.0	3.0
2	26.50E	44.0	0.0	3.0
3	27.00E	48.0	0.0	3.0
4	27.50E	49.0	0.0	3.0
5	28.00E	49.0	0.0	3.0
6	2850E	59.0	0.0	3.0
7	29.00E	42.0	0.0	3.0
8	29.50E	41.0	0.0	3.0
9	30.00E	39.0	0.0	3.0
10	30.50E	58.0	0.0	3.0
11	31.00E	36.0	0.0	3.0
12	31.50E	59.0	0.0	3.0
13	32.00E	92.0	0.0	3.0
14	32.50E	39.0	0.0	3.0
15	33.00E	44.0	0.0	3.0
16	33.50E	67.0	0.0	3.0
17	34.00E	58.0	0.2	3.0
18	900E L4200N	63.0	0.0	3.0
19	925E	60.0	0.0	3.0
20	950E	58.0	0.0	3.0
21	975E	63.0	0.0	3.0
22	1000E	62.0	0.0	3.0
23	1025E	60.0	0.0	3.0
24	1050E	51.0	0.0	3.0
25	1075E	58.0	0.0	3.0
26	1100E	60.0	0.0	3.0
27	1125E	68.0	0.0	3.0
28	1150E	56.0	0.0	3.0
29	1175E	45.0	0.0	3.0
30	1200E	68.0	0.0	3.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	ZN	AG	AS
191	925E	49.0	0.0	3.0
192	950E	42.0	0.1	3.0
193	975E	39.0	0.0	3.0
194	1000E	43.0	0.0	3.0
195	1025E	39.0	0.0	3.0
196	1050E	38.0	0.0	3.0
197	1075E	35.0	0.0	3.0
198	1100E	33.0	0.0	3.0
199	1125E	43.0	0.1	3.0
200	1150E	58.0	0.1	3.0
201	1175E	37.0	0.0	3.0
202	1200E	46.0	0.0	3.0
203	1225E	33.0	0.0	3.0
204	1250E	24.0	0.0	3.0
205	1275E	33.0	0.0	3.0
206	1300E	69.0	0.0	3.0
207	1325E	50.0	0.0	3.0
208	1350E	47.0	0.0	3.0
209	1375E	48.0	0.0	3.0
210	1400E	88.0	0.0	3.0
211	1425E	67.0	0.0	3.0
212	1450E	65.0	0.2	3.0
213	1475E	54.0	0.0	3.0
214	1500E	47.0	0.1	3.0
215	700E L 4900N	22.0	0.0	3.0
216	725E	36.0	0.2	3.0
217	750E	43.0	0.1	3.0
218	775E	40.0	0.0	3.0
219	800E	45.0	0.1	3.0
220	825E	37.0	0.0	3.0
221	850E	35.0	0.1	3.0
222	875E	46.0	0.1	3.0
223	900E	39.0	0.0	3.0
224	925E	51.0	0.1	3.0
225	950E	40.0	0.1	3.0
226	975E	36.0	0.0	3.0
227	1000E	38.0	0.0	3.0
228	1025E	37.0	0.0	3.0
229	1050E	36.0	0.0	3.0
230	1075E	38.0	0.0	3.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	ZN	AG	AS
231	1100E	35.0	0.0	3.0
232	1125E	39.0	0.0	3.0
233	1150E	28.0	0.0	3.0
234	1175E	51.0	0.0	3.0
235	1200E	57.0	0.0	3.0
236	1225E	63.0	0.0	3.0
237	1250E	52.0	0.0	3.0
238	1275E	43.0	0.0	3.0
239	1300E	31.0	0.0	3.0
240	1325E	40.0	0.0	3.0
241	1350E	52.0	0.0	3.0
242	1375E	51.0	0.0	3.0
243	1400E	47.0	0.0	3.0
244	1425E	49.0	0.0	3.0
245	1450E	89.0	0.0	3.0
246	1475E	71.0	0.0	3.0
247	1500E	52.0	0.1	3.0
248	700E L500N	29.0	0.0	3.0
249	725E	15.0	0.1	3.0
250	750E	39.0	0.1	3.0
251	775E	44.0	0.0	3.0
252	800E	39.0	0.0	3.0
253	825E	41.0	0.0	3.0
254	850E	37.0	0.0	3.0
255	875E	28.0	0.0	3.0
256	900E	43.0	0.0	3.0
257	925E	34.0	0.0	3.0
258	950E	39.0	0.0	3.0
259	975E	38.0	0.0	3.0
260	1000E	45.0	0.0	3.0
261	1025E	43.0	0.0	3.0
262	1050E	32.0	0.0	3.0
263	1075E	58.0	0.0	3.0
264	1100E	32.0	0.0	3.0
265	1125E	48.0	0.0	3.0
266	1150E	34.0	0.0	3.0
267	1175E	38.0	0.0	3.0
268	1200E	36.0	0.0	3.0
269	1225E	56.0	0.0	3.0
270	1250E	90.0	0.0	3.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	ZN	AG	AS
271	1275E	61.0	0.0	3.0
272	1300E	80.0	0.0	3.0
273	1325E	69.0	0.0	3.0
274	1350E	64.0	0.0	3.0
275	1375E	95.0	0.0	3.0
276	1400E	77.0	0.2	3.0
277	1425E	53.0	0.5	3.0
278	1450E	87.0	0.1	3.0
279	1475E	72.0	0.1	3.0
280	1500E	59.0	0.0	3.0
281	750E L5100N	49.0	0.0	3.0
282	775E	38.0	0.0	3.0
283	800E	36.0	0.0	3.0
284	825E	33.0	0.0	3.0
285	850E	81.0	0.1	3.0
286	875E	33.0	0.0	3.0
287	900E	46.0	0.0	3.0
288	925E	43.0	0.1	3.0
289	950E	36.0	0.0	3.0
290	975E	35.0	0.0	3.0
291	1000E	42.0	0.0	3.0
292	1025E	63.0	0.0	3.0
293	1050E	55.0	0.0	3.0
294	1075E	49.0	0.0	3.0
295	1100E	67.0	0.0	3.0
296	1125E	52.0	0.0	3.0
297	1175E	74.0	0.0	3.0
298	1225E	47.0	0.0	10.0
299	1250E	48.0	0.0	10.0
300	1275E	49.0	0.0	3.0
301	1300E	45.0	0.0	3.0
302	1325E	52.0	0.0	3.0
303	1350E	51.0	0.0	3.0
304	1375E	51.0	0.0	3.0
305	1400E	158.0	1.9	130.0
306	1425E	120.0	0.4	3.0
307	1450E	65.0	0.1	3.0
308	1475E	66.0	0.0	3.0
309	850E L 5200N	50.0	0.0	3.0
310	875E	48.0	0.0	3.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

FILE NO G 1257

KRAL NO.	IDENTIFICATION	ZN	AG	AS
311	900E	50.0	0.1	3.0
312	925E	39.0	0.0	3.0
313	950E	60.0	0.0	3.0
314	975E	49.0	0.0	3.0
315	1000E	38.0	0.0	3.0
316	1025E	45.0	0.0	3.0
317	1050E	57.0	0.0	3.0
318	1075E	62.0	0.0	20.0
319	1100E	42.0	0.0	3.0
320	1125E	130.0	0.0	3.0
321	1150E	57.0	0.0	3.0
322	1175E	51.0	0.0	3.0
323	1200E	62.0	0.0	3.0
324	1225E	49.0	0.0	3.0
325	1250E	58.0	0.2	3.0
326	1275E	46.0	0.0	3.0
327	1300E	50.0	0.1	3.0
328	1325E	80.0	0.1	3.0
329	1350E	62.0	0.1	3.0
330	1375E	82.0	0.1	3.0
331	1400E	40.0	0.1	3.0
332	1425E	51.0	0.0	3.0
333	1450E	49.0	0.0	3.0
334	1475E	38.0	0.0	3.0
335	1500E	49.0	0.0	3.0
336	950E L5300N	64.0	0.0	3.0
337	1000N	49.0	0.0	3.0
338	1025E	53.0	0.0	3.0
339	1050E	35.0	0.0	3.0
340	1075E	46.0	0.0	3.0
341	1100E	37.0	0.0	3.0
342	1125E	39.0	0.0	3.0
343	1150E	34.0	0.0	3.0
344	1175E	24.0	1.3	3.0
345	1200E	54.0	0.1	10.0
346	1225E	33.0	0.1	3.0
347	1250E	48.0	0.1	3.0
348	1275E	43.0	0.1	3.0
349	1300E	48.0	0.0	3.0
350	1325E	59.0	0.3	3.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

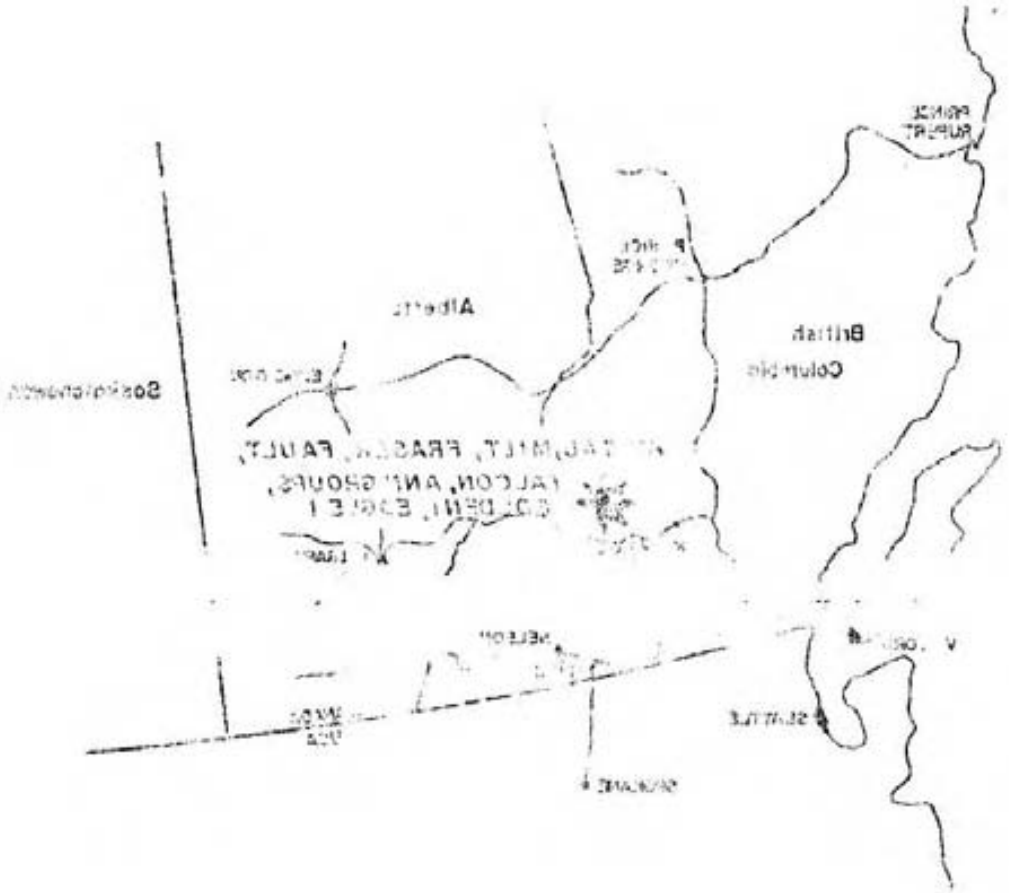
FILE NO G 1257

KRAL NO.	IDENTIFICATION	ZN	AG	AS
351	1350E	42.0	0.2	3.0
352	1375E	68.0	0.1	3.0
353	1400E	64.0	0.1	3.0
354	1425E	38.0	0.1	3.0
355	1450E	50.0	0.0	3.0
356	1475E	39.0	0.0	3.0
357	1050E L5400N	42.0	0.1	3.0
358	1075E	32.0	0.1	3.0
359	1100E	50.0	0.2	3.0
360	1125E	47.0	0.1	3.0
361	1150E	51.0	0.1	3.0
362	1175E	45.0	0.1	3.0
363	1200E	48.0	0.1	3.0
364	1225E	38.0	0.0	3.0
365	1250E	31.0	0.1	3.0
366	1275E	31.0	0.0	3.0
367	1300E	41.0	0.1	3.0
368	1325E	46.0	0.0	3.0
369	1350E	48.0	0.0	3.0
370	1375E	43.0	0.0	3.0
371	1400E	24.0	0.1	3.0
372	1425E	50.0	0.1	3.0
373	1450E	36.0	0.0	3.0
374	1475E	33.0	0.0	3.0
375	1500E	43.0	0.0	3.0

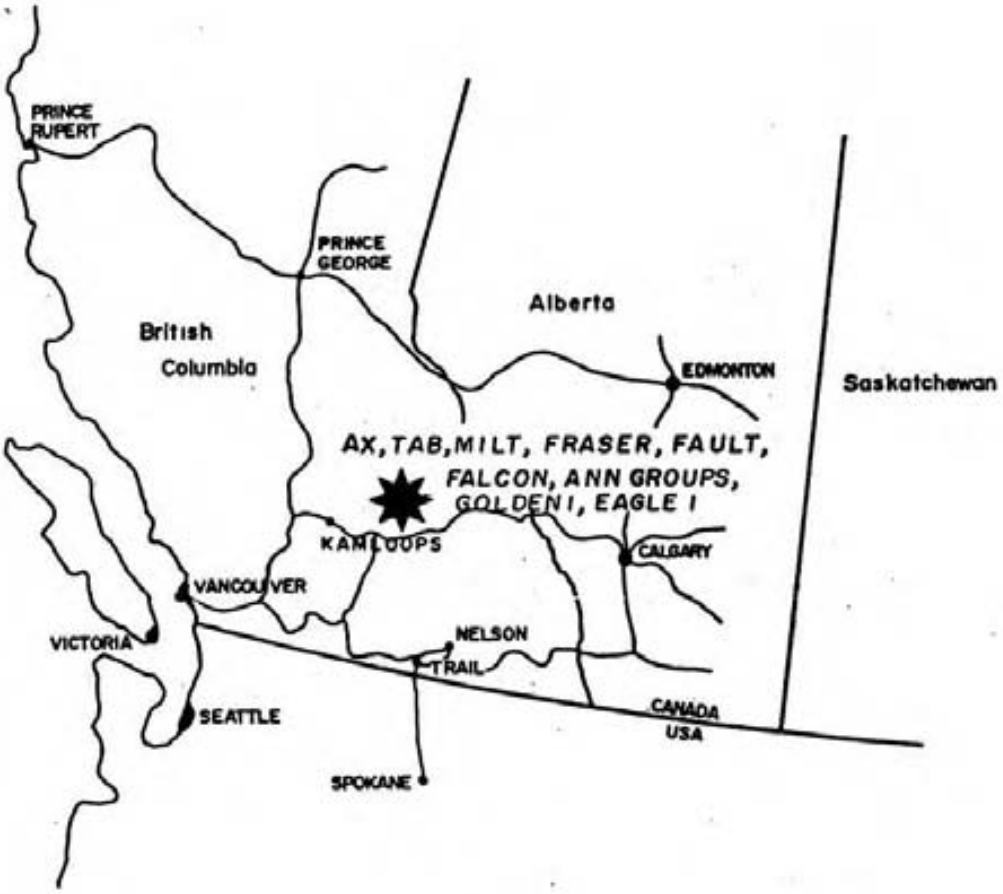
IN AG COLUMN 0.0 INDICATES LESS THAN 0.1PPM

IN AS COLUMN 3 INDICATES LESS THAN 5PPM

ZN AG AS METHOD -80 MESH HOT ACID EXTRACTION ATOMIC ABSORPTION

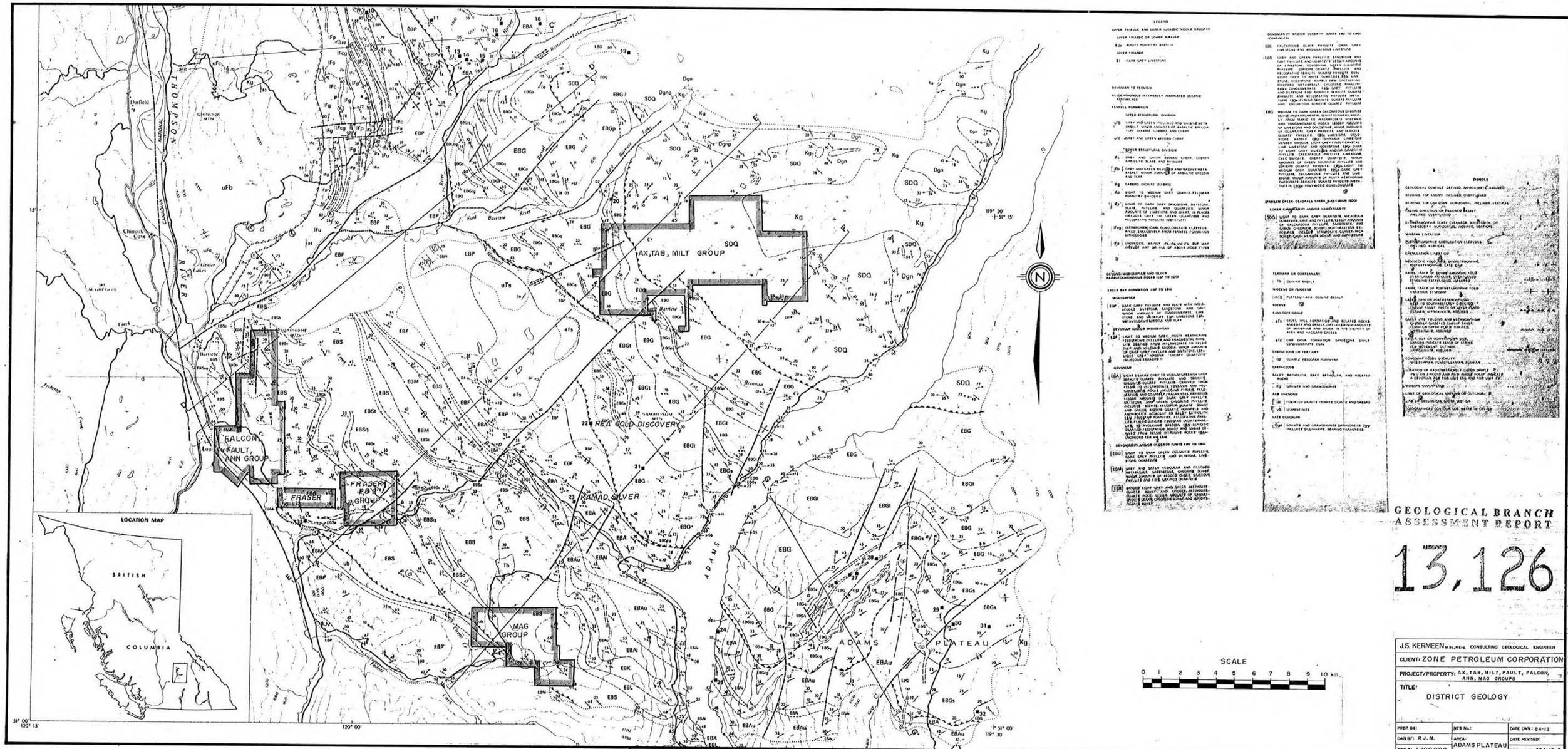


LOCATION MAP



JS KERMEEN M.Sc., P.Eng.	CONSULTING GEOLOGICAL ENGINEER
CLIENT: ZONE PETROLEUM CORPORATION	
PROJECT/PROPERTY	AX, TAB, MILT, FRASER, FAULT, FALCON, ANN, GOLDEN & EAGLE
TITLE	LOCATION MAP

PREP BY	NTS No.	DATE DWN.
DWN BY P. J. M.	AREA	DATE REVISED
SCALE		DRAWING NO. CB4-18-1



GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,126

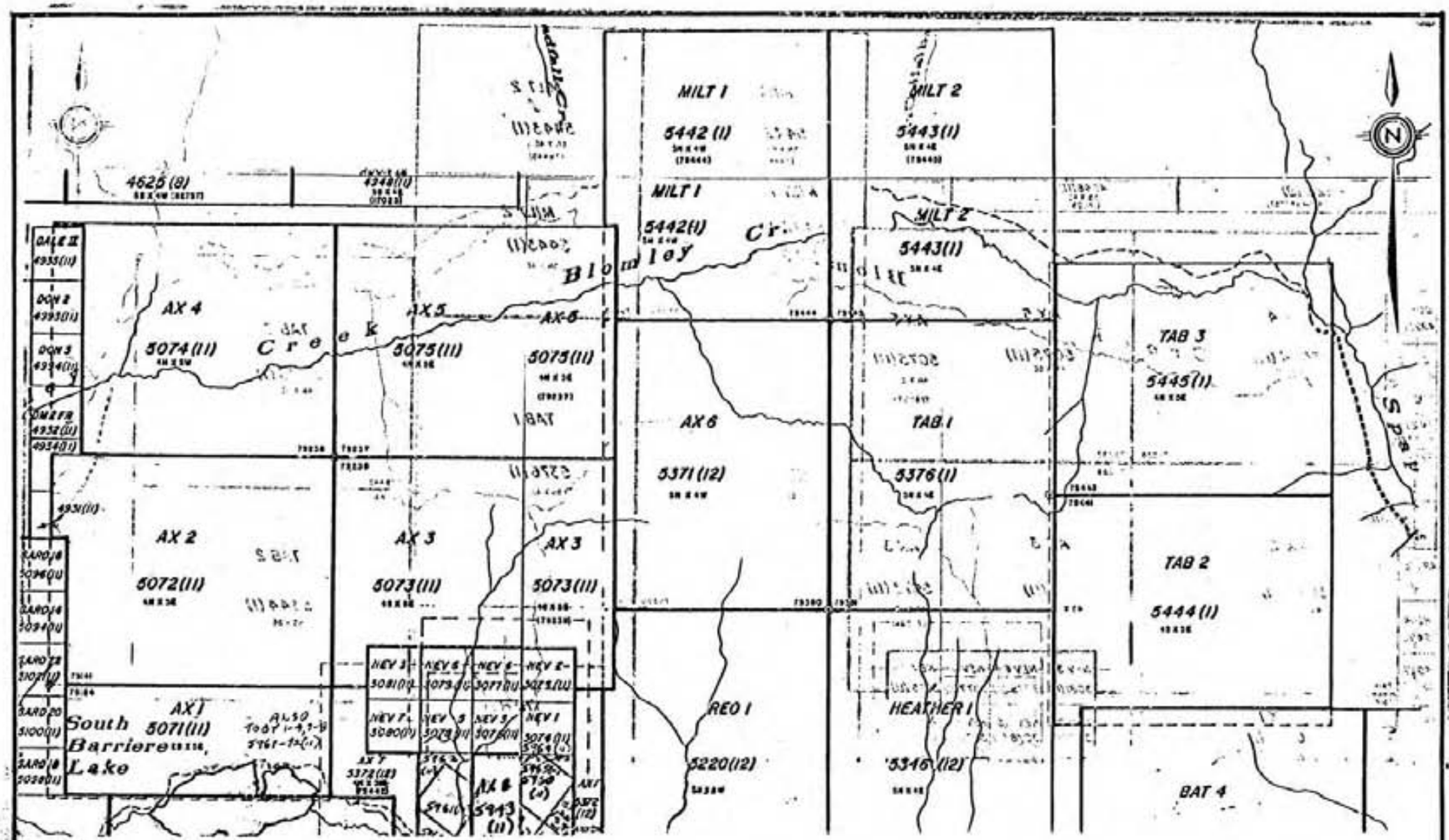
J.S. KERMEEN M.Sc., P.Eng. CONSULTING GEOLOGICAL ENGINEER

CLIENT: ZONE PETROLEUM CORPORATION

PROJECT/PROPERTY: AX, TAB, MILT, FAULT, FALCON, ANN, MAG GROUPS

TITLE:
DISTRICT GEOLOGY

PREP BY:	NTS No.:	DATE DWN: 84-12
DWN BY: R.J.M.	AREA: ADAMS PLATEAU	DATE REVISED:
SCALE: 1:100000		DRAWING NO: 84-18-2



REPRODUCTION IN PART OF MINISTRY OF MINES
CLAIM MAP

500 0 1000 2000 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,126

J.S. KERMEEN M.Sc., P.Eng. CONSULTING GEOLOGICAL ENGINEER		
CLIENT: ZONE PETROLEUM CORPORATION		
PROJECT/PROPERTY: AX, MILT, TAB GROUP		
TITLE: CLAIM MAP		
PREP BY:	NTS No.:	DATE DWN: 84-12
DWN BY: R.J.M.	AREA:	DATE REVISED:
SCALE: 1:50000	ADAMS PLATEAU BARRIERE	Drawing No: C84-18-3

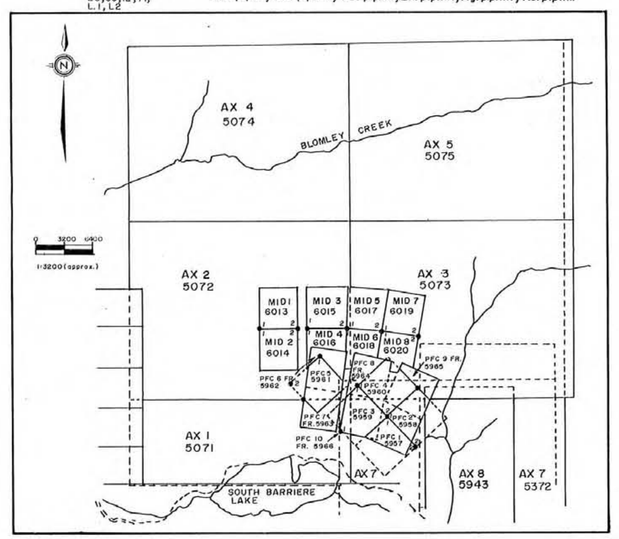
GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,126

— LEGEND —

Intrusive UNKNOWN AGE	Gd	Granodiorite intrusive
Sedimentary Sequence	Qz	Quartzite and/or banded chert
EAGLE BAY FMT	Ls	Limestone: massive or thin-bedded, local convoluted bedding, cherty (Ch) and/or silicified layers, occasional greenstone intercalcation.
DEVONIAN ? or OLDER	Ph	Phyllite and/or slate, locally cherty occasionally graphitic
Volcanic Sequence	Gs	Greenstone : mostly massive, occasional fissile or layered zone
SPAPILUM CREEK-DEADFALL CREEK SUCCESSION LOWER CAMBRIAN	Sp	Chiefly quartzite and phyllitic quartzite

- Geologic contact : defined, approx., assumed
- Fault
- Outcrop
- Road
- Schistosity, strike and dip
- Bedding, strike and dip
- Airborne EM anomaly from a former survey - location approximate
- 12080 / L5,30,12,41, L1, L2 — Rock sample: Sample number; Au. p.p.b., Cu. p.p.m., Pb. p.p.m., Zn. p.p.m., Ag. p.p.m., As. p.p.m.



SCALE

0 100 200 300 400 500 600 700 800 900 1000 metres

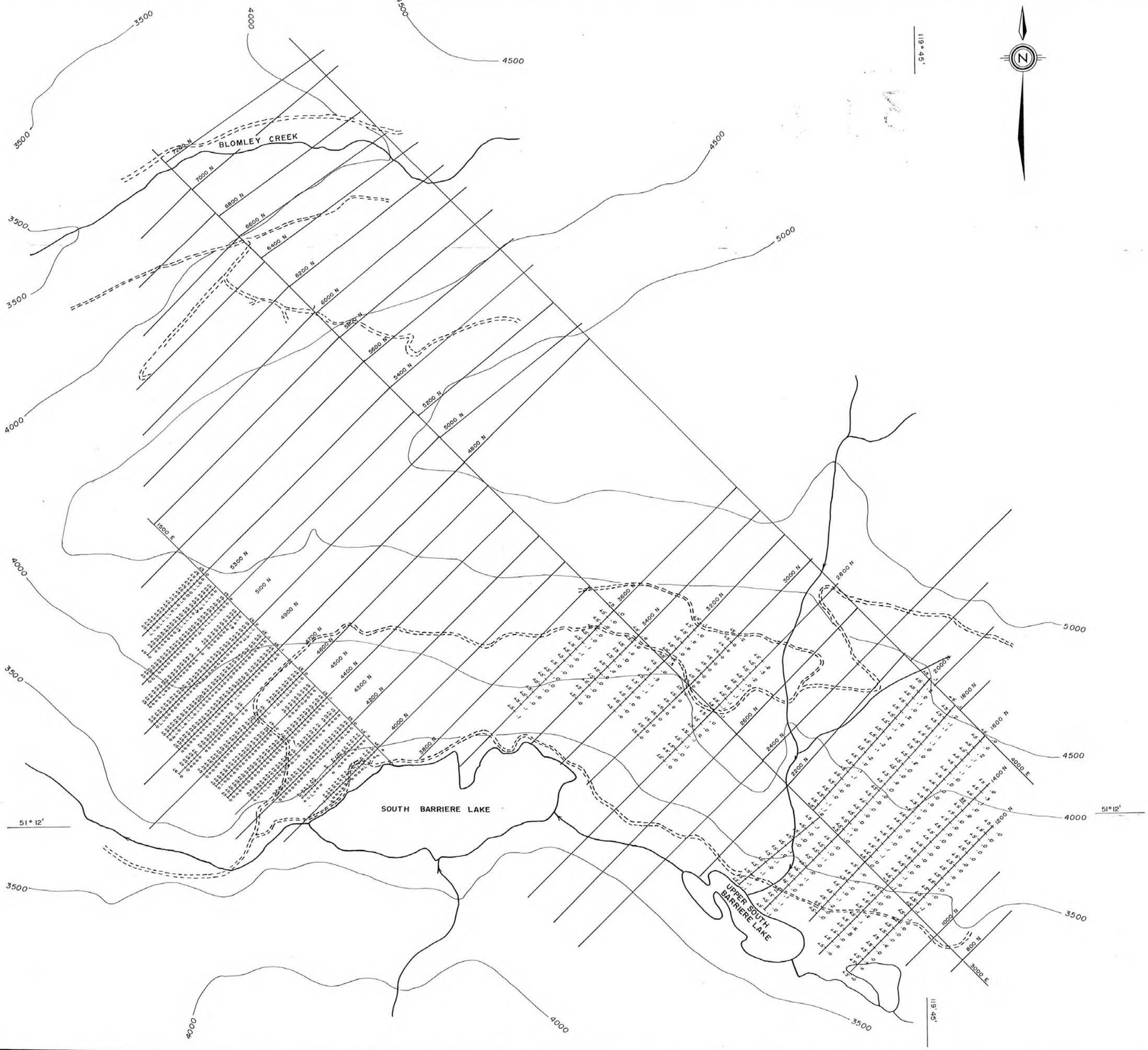
AREA OF PROPOSED DETAILED GEOCHEMICAL SURVEY AND TRENCHING

OUTLINE OF CLAIMS SEE INSET

J.S. KERMEEN M.Sc., P.Eng. CONSULTING GEOLOGICAL ENGINEER		
CLIENT: ZONE PETROLEUM CORPORATION		
PROJECT/PROPERTY: AX GROUP		
TITLE: PROPERTY GEOLOGY		
MAPPED BY: M. PRICE CHECKED BY: J.S.K.	NTS No.: 82M4	DATE DWN: 84.11.12
DWN. BY: P.J.M.	AREA:	DATE REVISED:
SCALE: 1:10,000	BARRIERE-ADAMS LAKE	DRAWING #: C84-18-5

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,126



LEGEND

- Road
- Creek
- Claim boundary
- Grid line
- Soil sample station (Au (p.p.b.) / Ag (p.p.m.): ≤5 / ≤0.2; 5 / 0.2; ≥5 / 0.3)
- Topographic contour interval 500 feet
- /o — Possibly anomalous geochemical result
- Co — Definitely anomalous geochemical result

SCALE

0 100 200 300 400 500 600 700 800 900 1000 metres

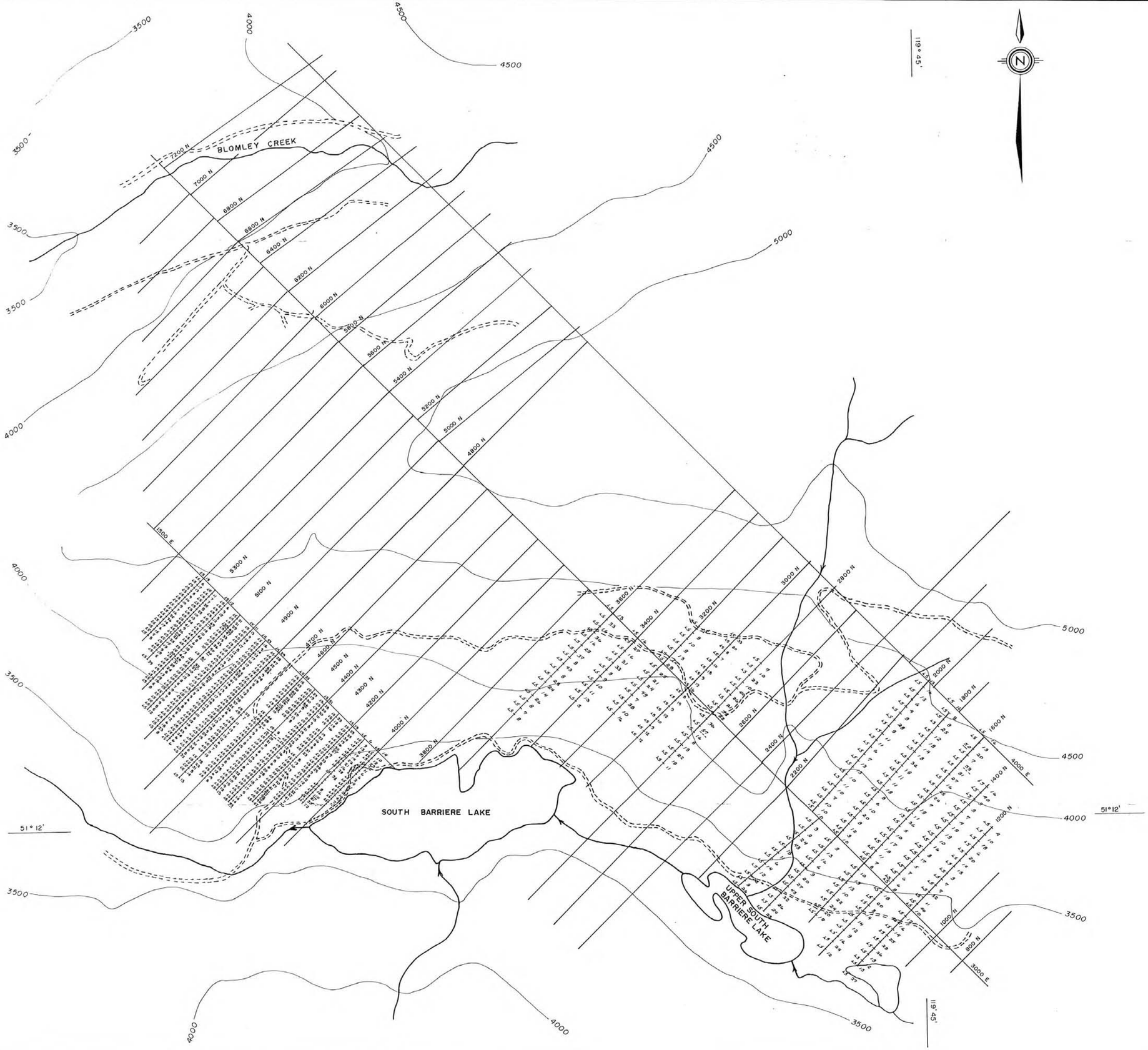
J.S. KERMEEN M.Sc., P.Eng. CONSULTING GEOLOGICAL ENGINEER

CLIENT: ZONE PETROLEUM CORPORATION

PROJECT/PROPERTY: AX GROUP

TITLE:
SOIL GEOCHEMICAL SURVEY
GOLD (p.p.b.) and SILVER (p.p.m.)
IN B-SOIL

PREP. BY: J.S.K.	NTS No.: 82 M/4	DATE DWN: 84-12
DWN. BY: P.J.M.	AREA: ADAMS PLATEAU	DATE REVISED:
SCALE: 1:10,000		DRAWING NO: C84-18-6



LEGEND

- Road
- Creek
- Claim boundary
- Grid line
- As. (p.p.m.) Cu(p.p.m.) — Soil sample station
  - 45 + 33
  - 63 + 20
  - 5 + 8
  - 25 + 9
- Topographic contour interval 500 feet
- 50 — Possibly anomalous geochemical result
- 81 — Definitely anomalous geochemical result

SCALE

0 100 200 300 400 500 600 700 800 900 1000 metres

J.S. KERMEEN M.Sc., P.Eng. CONSULTING GEOLOGICAL ENGINEER

CLIENT: ZONE PETROLEUM CORPORATION

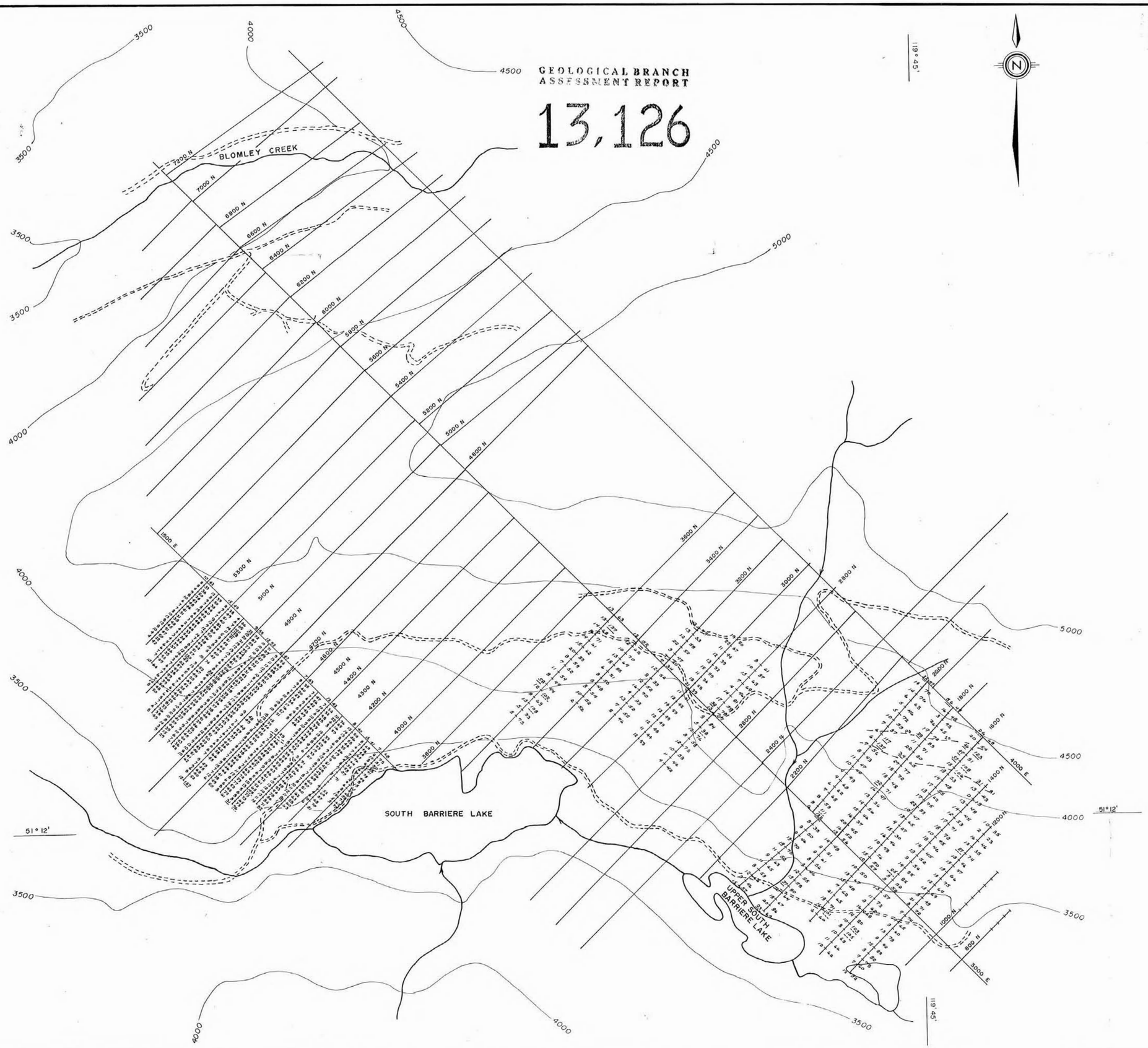
PROJECT/PROPERTY: AX GROUP

TITLE:
SOIL GEOCHEMICAL SURVEY
ARSENIC (p.p.m.) and COPPER (p.p.m.)
IN B-SOIL

PREP. BY: J.S.K.	NTS No.: 82 M/4	DATE DWN: 84-12
DWN. BY: P.J.M.	AREA: ADAMS PLATEAU	DATE REVISED:
SCALE: 1:10,000		DRAWING NO: C84-18-7

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,126



LEGEND

- Road
- Creek
- Claim boundary
- Grid line
- Soil sample station

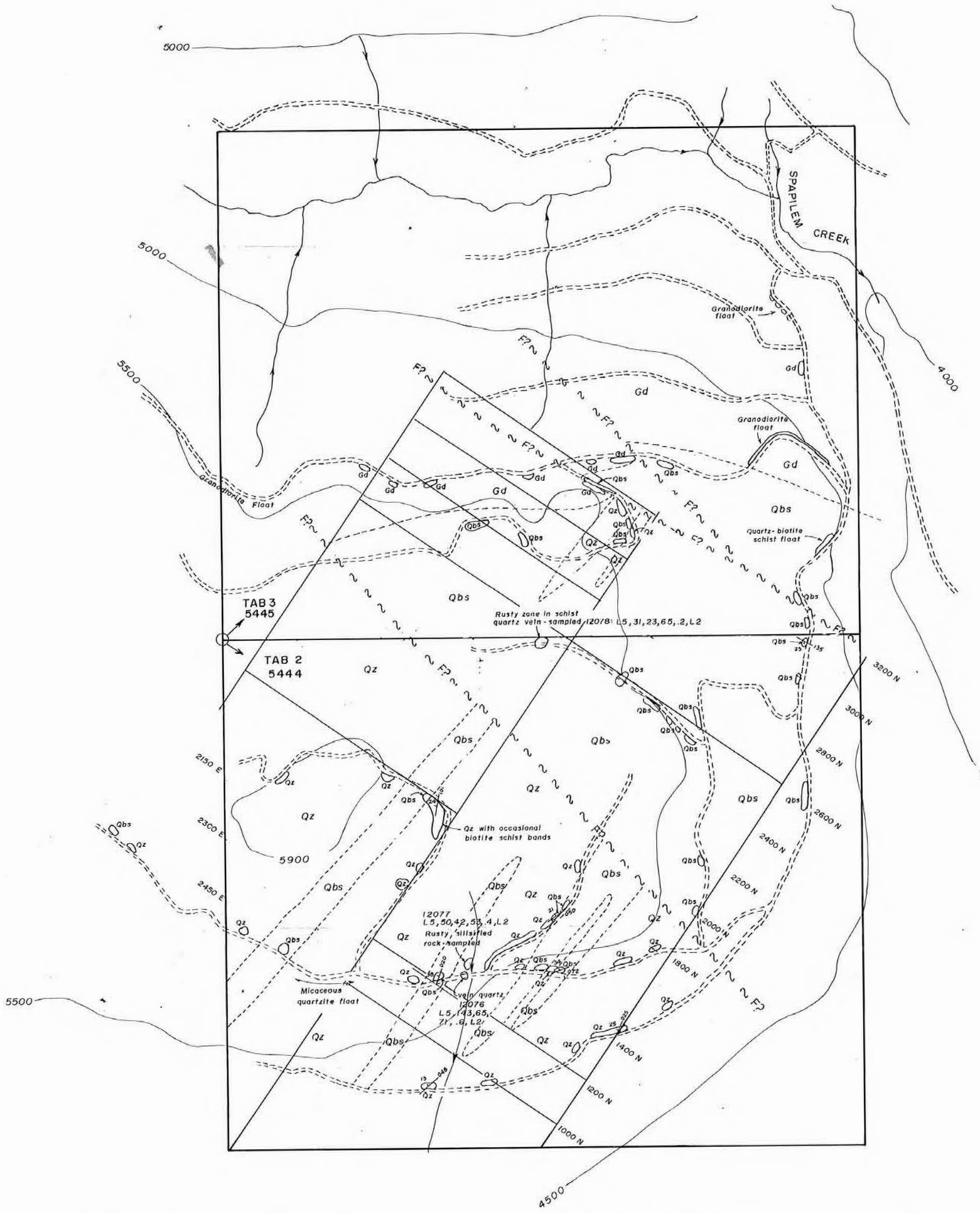
Pb. (p.p.m.) / Zn.(p.p.m.)
18 + 90
22 + 67
13 + 99
21 + 39

- Topographic contour interval: 500 feet
- Possibly anomalous geochemical result
- Definitely anomalous geochemical result

SCALE

0 100 200 300 400 500 600 700 800 900 1000 metres

J.S. KERMEEN M.Sc., P.Eng. CONSULTING GEOLOGICAL ENGINEER		
CLIENT: ZONE PETROLEUM CORPORATION		
PROJECT/PROPERTY: AX GROUP		
TITLE: SOIL GEOCHEMICAL SURVEY LEAD (p.p.m.) and ZINC (p.p.m.) IN B-SOIL		
PREP. BY: J.S.K.	NTS No.: 82 M/4	DATE DWN: 84-12
DWN BY: P.J.M.	AREA: ADAMS PLATEAU	DATE REVISED:
SCALE: 1:10,000		DRAWING No: 84-18-8



—LEGEND—

Intrusive	Gd	UNKNOWN AGE Granodiorite intrusive (Baldy batholith)
Lr. Cambrian and/or Hadrynian	Qbs	Quartz, biotite schist, chlorite schist, chlorite - biotite schist.
	Qz	Quartzite, micaceous quartzite, quartz - muscovite schist.

Geologic contact defined, approx., assumed

F? Fault

Outcrop

Road

25 Strike and dip = bedding

L5, 145, 65, 71, 6, L2 Rock sample analysis; Au. p.p.b., Cu. p.p.m., Pb. p.p.m., Zn. p.p.m., Ag. p.p.m., As. p.p.m.

0 100 200 300 400 500 600 700 800 900 1000 metres

SCALE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,126

J.S. KERMEEN
CLIENT: ZONE PETROLEUM CORPORATION
PROJECT PROPERTY: TAB GROUP
TITLE:

PROPERTY GEOLOGY

MAPPED BY:
CHECKED BY: P.J.M.
SCALE 1:10,000