85-130

ASSESSMENT REPORT

on the

CHIP-DIXIE, DIXIE AND ISOMAG GROUPS OF MINERALS CLAIMS

Barriere-Adams Lake Area, B.C.

Report No. C84-19

December 31, 1984

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

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

Mining Division: Kamloops, B.C.

NTS Location: 82M4, 92P1

Latitude, Longitude: See details next page.

Owners: Zone Petroleum Corporation
1280-700-4th Ave., SW
Calgary, Alberta T2P 3J4
and
Tylox Resources Corporation
Suite 1670 - Stock Exchange Tower
609 Granville Street
Vancouver, B.C. V7Y 1G5

Operator: Zone Petroleum Corporation
address as above

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Kamloops, B.C. V2E 1P3

Date Submitted: February 18, 1985

LIST OF CLAIMS COVERED BY THIS REPORT

Name	Record No.	NTS	Lat.	Long.	Expiry Date*
CHIP-DIXIE GROUP					
Dixie 44	5527	92P1E	51°14'	120°00'	90.12.17
Dixie 45 FR	5528	84M2	"	"	91.2.17
Dixie 46 FR	5529	"	"	"	91.2.17
Chip	5530	"	"	"	91.2.17
Chip FR	5531	"	"	"	91.2.17
DIXIE GROUP					
Dixie 1	5076	82M4W	51°13'	119°52'	86.11.25
Dixie 2	5077	"	51°12'	" 56	"
Dixie 3	5078	"	51°11'	119°49'	"
Dixie 4	5103	"	"	"	"
Dixie 5	5104	"	"	"	"
Dixie 6	5105	"	"	"	"
Dixie 7	5106	"	"	"	"
Dixie 8 FR	5070	"	"	"	"
ISOMAG GROUP					
Isomag 1	5365	82M4W	51°03'	119°50'	87.12.8
Isomag 2	5206	"	"	" 56	"
Isomag 3	5207	"	"	"	"
Isomag 4	5364	"	"	"	"
Isomag 5	5208	"	"	"	85.12.08
Isomag 6	5433	"	"	"	88.01.10

*Pending acceptance of work covered by this report

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LIST OF DRAWINGS

INTRODUCTION

The mineral claims listed after the title page of this report comprise two internally contiguous blocks of mineral claims owned jointly by Zone Petroleum Corporation and Tylox Resources Corporation and located in the Barriere-Adams Lake area near Kamloops, British Columbia. The total area covered by all claims is approximately 13,215 acres (5,350 hectares).

All 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 sources: grid layout, geological mapping, geophysical surveying, compilation and interpretation of geochemical data, and report preparation. Field geological work was performed by:

David Pawliuk, B.Sc., Geologist
and Marc Bowles, B.Sc., Geologist

VLFEM readings were taken by Marc Bowles.

Magnetometer readings were taken by Amex staff under Marc Bowles supervision.

Interpretation, compilation, evaluation and report writing was performed by the writer.

Field work was carried out during October through December, 1984.

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

LOCATION, ACCESS, TRANSPORTATION AND POWER

(See Maps C84-19-1 & 2)

The properties are located approximately 70 kilometres NNE of the City of Kamloops; the Chip-Dixie and Dixie Groups are 15 kilometres east of the village of Barriere and the Isomag Group lies 20 kilometres southeast of Barriere. The properties are connected with Barriere by paved secondary roads and Barriere is serviced by both the Yellowhead Highway and the Canadian National Railway.

Major hydro power is available in the general area.

PROPERTY AND OWNERSHIP

The writer has been advised that the claims covered by this report are listed inside the front cover. They are owned jointly (50% each) by:

Zone Petroleum Corporation
1280-700-4th Ave., SW
Calgary, Alberta T2P 3J4
and
Tylox Resources Corporation
Suite 1670 - Stock Exchange Tower
609 Granville Street
Vancouver, B.C. V7Y 1G5

HISTORY

Parts of the present properties are believed to have been staked on previous occasions but no specific technical data other than published government maps and reports was located.

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 coniferous 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 C84-19-2 (after Schiarrizza, P. and Preto, V.; Preliminary Map 56, Geology of the Adams Plateau - Clearwater District, BCDEMPR). All claims covered by this report lie within a NW-SE trending belt of Paleozoic metasediments and metavolcanics 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 C84-19-2. It is further complicated by the fact that each map unit used is only the predominant member of a number of sub-units. A few generalities 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 southwest 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 in places. Greywackes (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 bending but frequently transects bedding, 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 formations 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 is covered in the attached Cost Statement.

TECHNICAL DATA AND INTERPRETATION

General

Design of the program was influenced by the following factors:

(1) Funds became available late in the season and were expendable only to the end of the year.

(2) Expiry dates on some of the claims were approaching.

(3) Adverse weather conditions were anticipated (and in fact arrived much earlier than expected).

Areas to be covered by grids of control lines and line directions were selected on the basis of available documented information supplemented by a few reconnaissance field traverses.

Grid Control All control lines were run on compass bearings, chained with slope corrections and blazed/flagged with a minimum amount of cutting and slashing. Baselines were established as nearly as possible parallel to formational trends and crosslines were run at either 200 or 100 metre intervals. Chained stations were marked on white Tyvek tags on both baselines and crosslines.

Geological Mapping Geological mapping was carried out on gridded areas within the limits of budget and snow conditions. Lines were traverses and outcrops between lines tied in by pace and compass. Outcrop boundaries and geological observations and interpretations were plotted on a scale of 1:10,000.

Mapping of the Chip-Dixie grid was 2/3 complete and a relatively small portion of the Isomag grid was done when unusually early heavy snow conditions prevented further effective mapping. No geological observations were possible on the Dixie Grid.

Geochemical Surveys In general, soil samples were collected from the B-horizon at intervals of 50 metres on grid lines 200 metres apart. Where warranted, fill-in sampling at 25 metre intervals on lines spaced 100 metres apart was done.

Budget restrictions did not allow for analyses of all samples collected. Most of those collected from the Chip-Dixie grid were analysed; none were analysed from the Isomag grid.

A grid of sail sampling had been run on the Dixie I claim in 1983 and are incorporated into this report. Samples were taken at 100 metres apart. Sampling from this previous survey had been done by Amex Exploration and analyses by Kamloops Research and Assay Lab. Procedures were identical to the current survey.

All samples were collected in 4 in. x 12 in. kraft paper bags.

Samples were dried, sewed to -80 mesh and the -80 mesh fraction analysed for Au, Ag, Cu, Pb, Zn and As at:

Kamloops Research and Assay Laboratory

Assay methods were:

Gold: Fire assay collection; atomic absorption on the bead.

Ag, Cu, Pb, Zn and As: acid digestion and atomic absorption.

Results on the Chip-Dixie grid were plotted on a scale of 1:5,000; on the Dixie grid on a scale of 1:10,000.

Cumulative frequencies, arithmetic mean ($\bar{x}$) and standard deviations (δ) were calculated separately for each element on each grid area. Cumulative frequences were plotted against readings in 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:

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

Chip-Dixie Grid (map C84-19-3)

Access: A paved secondary road proceeding northeast along the Barriere River from the town of Barriere traverses the full length of the block.

Physiography and Surficial Geology: The claims straddle the Barriere River, which in this section is flowing westerly. The north wall of the valley has moderate to steep slopes, the south wall is more gently sloping. Elevations on the property range from 1800 feet (549 m) to 2700 feet (823 m) above sea level. The only known bedrock outcrop on the property is within a strip 300 to 600 metres wide adjacent to the north boundary. Elsewhere bedrock is obscured by a thick cover of glacial till and/or river deposits, making exploration difficult.

Bedrock Geology (see map C84-19-3): The geology of the Dixie-Chip-Faye group is composed primarily of alternating units of intermediate volcanics and poorly sorted sediments. Few primary structures are preserved in the section, but the fact that volcanic tuffs often overlie reworked tuffs suggests that the volcano-sedimentary succession may have been overturned. In general strike, as defined by schistostity which appears to parallel original bedding, is to the WNW and NW with dips to the NE averaging 45^{o}.[1]

The northeastern most unit mapped on the property is a section of fine grained sediments. This is underlain by a thin unit of intermediate flows and tuffs. These intermediate volcanics in turn overlie a sedimentary sequence which is composed primarily of coarse-grained sandstone to the northwest and reworked tuffs to the southeast. These in turn grade into a primarily volcanic unit of intermediate tuffs which overlie a thin unit of reworked tuffs.[3] These reworked tuffs, while forming part of a larger sedimenatry unit stretching across the property, are easily distinguished from the underlying fine-grained schistose sediments by their coarse-grained felsic composition. This sedimentary unit overlies the major intermediate volcanic unit which, while cut by a few intercalated sediments, stretches across half of the mapped part of the property. The intermediate volcanics are composed mostly of tuffs including, crystal tuff, "quartz eye" tuff and welded tuffs. The volcanic tuffs are bounded to the west by a north-north easterly striking fault. West of the fault to the geology changes to an almost westerly striking succession of sediments, chert, volcanic agglomerate and a minor amount of gabbro. Outcrop is limited in this area and mapped units are far from being defined.

Two areas of possible economic interest were located on this grid. The first and least significant of the two is at 2250E and 4900N. Here a small unit of chert and cherty sediments with minor sulphides was sampled.

The second area of interest comprises a gossan zone with up to 7% sulphides in places. It is approximately one kilometre long and is located between lines 3400E and 4500E along the baseline which co-incides with the north boundary of the property. The zone extends to the north at least two hundred metres and possibly further into the Anna claim group. Most of the zone is composed of rusty weathering and slightly friable crystal and "quartz eye" tuff sometimes silicified and sheared. Also exposed in this zone is a heavily mineralized outcrop of what may be quartz-feldspar porphyry[2] with a halo of gossan. (Samples DC 6 to 14 incl., 16 & 17).

Descriptions and analytical results of surface rock samples are summarized in Table II. Three show possible anomalous gold values in the 10 to 30 ppb range. No significant silver is recorded. Sample DC-9 appears anomalous in copper and zinc and sample DC-12 in copper.

Soil Geochemical Survey (see maps C84-19-4 & 5): Soil samples were collected from the B-horizon at 25 metre intervals along lines spaced 100 or 200 metres apart. 456 out of a total of 677 collected were analysed and results are plotted on a scale of 1:5000.

Anomalous and possibly anomalous values were determined as follows:

Gold: Questionable changes in slope at 16 and 33 ppb

$\bar{x} + 3\sigma = 1.7 + 3(6.9) = 22$

$\bar{x} + 2\sigma = 1.7 + 2(6.9) = 16$

Assume +40 = anomalous and +20-40 = poss. anom.

Silver: No reliable changes in slope

No readings considered high enough to be anom.

Copper: Possible change in slope at 70 ppm

$\bar{x} + 3\sigma = 21.6 + 3(10.8) = 54$

$\bar{x} + 2\sigma = 21.6 + 2(10.8) = 43$

It is questionable if any readings are destinctly anomalous; however, it is assumed that +80 is anomalous

+50-80 possibly anomalous

Lead: Possible change in slope at 70 ppm

$\bar{x} + 3\sigma = 21.4 + 3(15.3) = 67$

$\bar{x} + 2\sigma = 21.4 + 2(15.3) = 52$

As with copper, lead results are inconclusive

Assume 67 = anomalous

52 = possibly anomalous

Zinc: Change in slope at 135 ppm

$\bar{x} + 3\sigma = 88.2 + 3(43.1) = 218$ = anom.

$\bar{x} + 2\sigma = 88.2 + 2(43.1) = 174$ = poss. anom.

Arsenic: Curve inconclusive; possible changes of slope 16 ppm and 38 ppm

$\bar{x} + 3\sigma = 3.7 + 3(2.9) = 12$

$\bar{x} + 2\sigma = 3.7 + 2(2.9) = 10$

Assume +38 = anomalous

+20-38 = possible anomalous

Only two anomalous gold analyses are recorded:

4750N, 4100E: 115 ppb

4900N, 5800E: 150 ppb

Both of these occur in metavolcanics of intermediate composition; neither is accompanied by anomalous values in the other elements run.

No anomalous silver values are recored.

An area anomalous in lead and zinc lies between 4775N and 4975N and 4200E and 4500E. It adjoins and partially overlaps a large area of numerous sulphide occurrences and gossans within intermediate volcanics which lies on the north boundary of the Chip mineral claim.

Geophysical Surveys (see maps C84-19-6, 7, 8):

VLFEM traverses were run on several north-south lines using the Annapolis Transmitter; results were poor and tended to give all positive readings. Experimental east-west lines using the Seattle Transmitter. Results were more interpretable and at least one strong conductor was indicated. Thus although the east-west lines are at a poor (acute) angle to the trend of formations, it was decided to complete the survey on east-west lines.

Three north-south conductors are indicated by the Fraser-filtered data, one on either side of a creek at 3550E, 3725E and a third at 4600E. The 3725E conductor is associated with a weak (20 gamma) magnetic high; the 4600E conductor is associated with a 100 gamma magnetic high. The 3550E and 3725E conductors could be related to either/or surficial and bedrock features; the 4600E conductor appears to relate to a bedrock feature.

In addition to the above-mentioned magnetometer feature a magnetic high strikes NE from 4200E on the baseline and weak magnetic lows were also recorded at 467E, 5100N, 4225E, and 5000N.

Summary and Conclusions: The geological environment on the Chip-Dixie grid is favorable for the occurrence of economic volcanogenic ore deposits.

A large area of intermittent gossan indicative of the present of metallic sulphide lies along the baseline for an east-west length of some 950 metres (3500E to 4450E). The portion on the Chip-Dixie claims appears to be part of a larger zone extending north on to the adjoining Anna claims which are held by others. The mineralization is hosted in "quartz eye" crystal tuff. A weak to moderate lead-zinc anomaly lies adjacent to and overlaps the gossan zinc in the vicinity of 4300E, 4900N. The significance of these phenomena is difficult to access but it is possible that the zone is an alteration halo around significant mineralization. Further detailed geological study in this area is warranted.

The two single point gold anomalies should be confirmed and possibly extended by detailed soil geochemistry in the surrounding area.

The VLFEM anomalies should be checked out with a Horizontal Loop EM and if bedrock conductors are established trenching to determine the nature of the conductors may be feasible.

Dixie Grid

Access: The Dixie 1 to 8 mineral claims are accessible on logging roads connected with graded roads in Dixon and Haggard Creeks; these roads, in turn, connect with the Yellowhead Highway and Canadian National Railway at either Louis Creek or Barriere.

Physiography and Surficial Geology: The claims lie in upland mountain topography at the headwaters of Dixon Creeks (flowing westerly) and other creeks flowing northerly into Haggard Creek. Elevations on the property range from 2200 feet (670 m) to 4200 feet (1280 m). Except where cleared by logging the area is heavily treed. Bedrock outcrop is sparse throughout much of the property.

Bedrock Geology: Snow conditions did not allow for meaningful geological mapping during the present program. According to Schiarrizza and Preto (1) the underlying bedrock is chiefly the younger member of the Eagle Bay Formation ie.:

"Dark grey phyllite with interbedded siltstone, sandstone and grit with minor amounts of conglomerate limestone and metatuff (and sub-units including) limestone and metavolcanic breccia and tuff".

In parts of the property they show the above rocks to be overlain by Tertiary mafic volcanics.

The few bedding attitudes made, indicate a NW-SE strike and northerly dips in the range of 15 to 30° degrees.

Geochemical Surveys (see maps C84-19-9, 10, 11): On Dixie I soil samples were collected from the B-horizon at intervals of

100 metres along lines spaced 200 metres apart. Samples were analysed for Au, Ag, Cu, Pb and Zn; results are plotted on a scale of 1:10,000.

Results were analysed statistically with the following results:

Gold: Dubious changes in slope at 10 and 56 ppb

$\bar{x} + 3(\sigma) = 3.6 + 3(8.3) = 29$

$\bar{x} + 2(\sigma) = 3.6 + 2(8.3) = 20$

Assume + 29 = anomalous

+ 20-29 = possible anomalous

Silver: Possibly significant change in slope at 2.1 ppm

$\bar{x} + 3(\sigma) = 1.0 + 3(0.2) = 1.6$

$\bar{x} + 2(\sigma) = 1.0 + 2(0.2) = 1.4$

Assume + 2.0 is anomalous

+ 1.4-2.0 is possible anomalous

Copper: Possibly significant changes in slope at 30 and 76 ppm

$\bar{x} + 3(\sigma) = 15.6 + 3(18.5) = 71$

$\bar{x} + 2(\sigma) = 15.6 + 2(18.5) = 53$

Assume +71 = anomalous

+53-71 = possibly anomalous

Lead: Change in slope at 10 ppm

$\bar{x} + 3(\sigma) = 4.1 + 3(3.3) = 14$

$\bar{x} + 2(\sigma) = 4.1 + 2(3.3) = 11$

Assume +14 = anomalous

+11-14 = possibly anomalous

Zinc: Change in slope at 200 ppm

$\bar{x} + 3(\delta) = 80.2 + 3(46.9) = 221$

$\bar{x} + 2(\delta) = 80.2 + 2(46.9) = 174$

Assume +221 = anomalous

+174-221 = possibly anomalous

Although the absolute readings are not high there would appear to be three distinctly anomalous gold readings as follows:

2000N; 100W - 50 ppb
2000N; 200W - 40 ppb
0N; 100W - 115 ppb

Considering the very wide spacing of these readings there is obvious ample space for improving on these anomalies with more detailed sampling.

The anomalous gold readings on 2000N do not appear to have a corresponding base metal response. The 0 line anomaly correlates crudely with four anomalous lead readings.

Other lead-zinc readings of possible interest are:

	Pb ppm	Zn ppm
800N; 600W	19	175
1200N; 600W	21	625

No significant copper readings are recorded.

Soil samples were collected at 50 metre intervals on lines spaced 400 metres apart on another reconnaissance grid which was established on the Dixie 2 to 8 claims. Budgetary conditions did not allow for analyses of these samples.

Geophysics: Three lines of VLFEM (7750N, 7900N, 8000N) were run following the record grid pattern (crosslines 050°) and two lines of proton magnetometer readings (see maps C84-19-12, 13, and 14), all on Dixie 1 mineral claim. These lines and the main conductor are also plotted on the Au, Ag geochemical map C84-19-9. One three line conductor, paralleling the regional formational trend (Conductor 1) and two one line conductors (Conductors 2 & 3) are indicated.

No strong magnetic anomalies are indicated. There is insufficient coverage to allow for interpretation of subtle features.

Summary and Conclusions: The geology as depicted on government maps is not particularly favorable for volcanogenic deposits. However, it should be kept in mind that outcrop is sparse and many geological surprises could emerge.

The weak but distinct gold anomalies in B-soil are moderately interesting and the surrounding areas certainly warrant detailed geochemical follow-up.

If an average bedding strike of 135° and dip of 20° NE is assume (as suggested by the few observations made by Schiarrizzo and Preto) the two gold anomalous areas and the main VLFEM conductor could be related to the same structure whose surface trace is represented by the creek bed flowing northerly through the Dixie I claims. Obviously much more geological data and a confirmation that the VLFEM responses are due to bedrock rather than surficial response is required to support this hypothesis. Further work to this end is definitely warranted.

The areas of interest outlined above are roughly on strike with the Rea Gold deposits which lie 12 kilometres to the southeast. Although the lithology indicated by Schiarrizza and Preto (1) on the Dixie I claim is quite different than reported at Rea Gold, bedrock geological observations are so sparse in this area that it is quite conceivable that "windows" of the older, more favorable host rocks of the Rea Gold area could in fact occur on the Dixie Group.

Isomag Grid

Access: The Isomag group is readily accessible on logging roads traversing Fadear, Cicero and north Cicero Creek. These roads connect with secondary paved roads which, in turn, connect with the Yellowhead Highway and the Canadian National Railway at Louis Creek.

Physiography: The Isomag group covers a large part of an unnamed mountain lying immediately north of Fadear Creek near its junction with Cicero Creek. The main drainage on the property is a creek flowing southerly through the east half of the group to join Cicero Creek; the west half drains westerly into Fadear Creek. Elevations on the property range from 2700 feet (823 m) to 5300 feet (1615 m). The south slope on Isomag 6 is quite steep; elsewhere on the property slopes are gentle to moderate. Except where logged off, the property is moderately to thickly treed.

Bedrock Geology: Due to snow conditions only the two more easterly lines of the control line grid were completed. This mapping indicated sequence of rocks from south to north as follows (numbers correspond with map legend):

(1) Greenstone: fine-grained, dark green to green, chloritic rock derived from mafic volcanics; massive to schistose.

(2) Ultramafic rock: greenish black, very fine-grained, almost massive rock; dense; magnetic; locally outcrops have a pillowed appearance; probably an altered peridotite sill but could include extrusive members; high in magnetite and correlates well with airborne magnetic highs; surface width.

1. Greenstone; as before; surface width perhaps 400 metres.

4c. Quartzite: grey to black, fine-grained, highly indurated rock; surface width perhaps 400 to 500 metres.

6. Dolostone:

The ultramafic rock is correlated, by means of regional airborne magnetics with prominent outcrops of serpentinite on Mount Fadear immediately west of the NW corner of the group, and with other outcrops of ultramafic on the Mag Group adjoining to the east of the Isomag Group.

One grid lines and a reconnaissance traverses were made from the grid area to the south boundary of the property, but no bedrock outcrops was located. Schiarrizza and Preto (1) show this area to be underlain by the upper member of the Eagle Bay Formation consisting of "Dark grey phyllite and slate with interbedded siltstone, sandstone and grit.

Schiarrizza and Preto show the north boundary of the ultramafic to be a strong regional, north-dipping thrust fault. No evidence of this structure was observed in the field.

Soil Geochemical Survey: Soil samples were collected from the B-horizon at 50 metre intervals on all grid lines; budget limitations did not allow for analyses.

Summary and Conclusions: The northeastern third of the Isomag Group is underlain by a sequence of alternating metasediments and metavolcanics considered favorable for volcanogenic sulphide deposits. The presence of a belt of ultramafic rock within this sequence further enhances the potential for economic gold deposits.

The southerly two-thirds of the property is believed to be underlain by metasediments less favorable for volcanogenic mineral deposits.

The data available from results to date is inadequate to properly assess the property.

Additional exploration expenditures are warranted and should include:

(1) Chemical analysis of soil samples now in hand.

(2) Completion of geological mapping of existing grids.

(3) Combined VLFEM and Magnetometer surveys of existing grids.

GENERAL SUMMARY AND CONCLUSIONS

Preliminary exploration is in various degrees of completion on the Chip-Dixie, Dixie and Isomag Blocks. Additional exploration is warranted on each of the blocks.

Areas of chief interest for further exploration are:

(1) Geochemically anomalous gold in soil, possibly correlating with conducture strata on the Dixie 1 claim.

(2) A large area of intermittent gossan (representing sulphide mineralization) with an adjacent and overlapping Pb-Zn soil geochemical anomaly.

RECOMMENDATIONS

Chip-Dixie Grid

Complete analyses on remaining collected soil samples: 214 samples @ $13	-	2,782	
Do detailed soil sampling in the vicinity of the two Known anomalous gold readings and analyse for Au, Ag, Cu, Pb, Zn and As: 100 samples @ $20	-	2,000	
Detailed geological mapping in the vicinity of the gossan-alteration zone	-	2,000	
HLEM test over the three VLFEM conductors	-	2,000	
Provision for trenching	-	5,000	
Supervision, interpretation, reporting	-	2,500	
Contingency	-	3,718	
Total Chip-Dixie Grid		20,000	20,000

Depending on the results of detailed geological mapping an Induced Polarization survey to delineate disseminated mineralization may be in order.

Dixie Grid

(1) Extend flagged lines on the new grid pattern over the old Dixie I grid on the following lines: extend 6400N and 6800N; 7100N, 7400N, 8300N, 8600N: 12 km @ $300	-	3,600
(2) Perform geological mapping on all lines in the reconnaissance grid 6 days @ $400	-	2,400

(3) Collect soil samples at 25 metre intervals on lines spaced 50 metres apart in the two anomalous areas outlined on Map C84-19-9 using hip-chain compass control.

Collection 1120 samples @ $6	-	6,720
Analyse for gold, silver, lead and zinc 1120 samples @ $10 - 11,200	-	11,200
(4) Analyse presently on hand samples from the reconnaissance grid for Au, Ag, Pb, Zn 846 samples @ $10	-	8,460
(5) Take VLFEM and magnetometer readings on all reconnaissance grid lines excepting those already run. 44 km @ $150	-	6,600
(6) Provision for Horizontal Loop EM to confirm that VLFEM is related to bedrock features	-	5,000
Total Dixie Grid		43,980

<u>Isomag Grid</u>

Chemical analysis of soil samples now on hand for Au, Ag, Cu, Pb, Zn, As: 1180 samples @ $10	-	11,800
Geological mapping of present grid areas and additional reconnaissance of other areas. Geologist 8 days @ $400	-	3,200
Combined VLFEM and Magnetometer survey of existing grid 32 km @ $150	-	4,800
Supervision, compilation, interpretation and reporting	-	1,600
Contingency	-	1,400
Total Isomag Grid		22,800
Grand Total Chip-Dixie, Dixie & Isomag		$86,780

Respectfully Submitted,

James S. Kermeen, M.Sc., P.Eng.
Consulting Geological Engineer

AMEX EXPLORATION SERVICES LTD.

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

December 31, 1984

STATEMENT OF ACCOUNT

Re: Grid preparation and soil survey on ISOMAG 3 (R/N 5207) and ISOMAG 4 (R/N 5364), North Cicero Creek area, Barriere, B.C., Kamloops Mining Division.

AMEX FEES

Grid Preparation

7.5 km @ $450.00/km	= $ 3375.00

Soil Collections

150 soils @ $5.70/soil	= 855.00
Total Requested,	= $ 4230.00

This work includes, board, accommodation, wages, profit, WCC, CPP, UIC, HP, insurances, vehicles, soil bags, stationing, flagging, field supplies, etc.

Respectfully submitted,

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

AAA/ca

AMEX EXPLORATION SERVICES LTD.

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

December 31, 1984

STATEMENT OF ACCOUNT

Re: Grid preparation on DIXIE 2 & 3, R/N 5077 & 5078, Dixon Creek area, Barriere, B.C., Kamloops Mining Division.

AMEX FEES

Grid Preparation

20.0 km @ $320.00/km	= $ 6400.00

Soil Survey

396 Soils @ $4.85/soil	= 1920.60
Total Requested,	= $ 8320.60

This work includes, board, accommodation, wages, profit, WCC, CPP, UIC, HP, insurances, vehicles, soil bags, stationing, flagging, field supplies, etc.

Respectfully submitted,

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

AAA/ca

BOX 286, KAMLOOPS, B.C. V2C 5K6 — TELEPHONE: 573-3111 or 573-5040

KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.

B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

GRID	TYPE	JOB#	# SAMPLES	$/SAMPLE	TOTAL COST
--	assay	K 6745	1	38.50	$ 38.50
--	rock	G 1252	18	11.50	207.00
--	rock	G1254	11	11.50	126.50
AX	soil	G 1257	375	10.00	3,750.00
--	rock	G 1259	6	11.50	69.00
AX	soil	G 1260	240	10.00	2,400.00
DIXIE	soil	G 1261	629	10.00	6,290.00
--	rock	G 1263	10	11.50	115.00
--	rock	G 1266	1	11.50	11.50
MAG	soil	G 1267	247	10.00	2,470.00
FRASER	soil	G 1267	20	10.00	200.00
FALCON	soil	G 1267	198	10.00	1,980.00

KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.

B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

Amex Explorations Ltd.
Box 286
Kamloops, B.C.
V2C 5K6

INVOICE: 84-0860
DATE: Dec. 31, 1984
FILE No. G 1271

Re: Dixie Grid

272 Soil Samples	@ $ 9.61	$ 2612.56

A SERVICE CHARGE OF 2% ($1.00 min.) PER MONTH, 24% PER ANNUM, WILL BE CHARGED ON STATEMENT BALANCES CARRIED FORWARD FROM PREVIOUS MONTH.
THIS IS AN ACCOUNT FOR PROFESSIONAL SERVICES AND IS DUE ON PRESENTATION.

AMEX EXPLORATION SERVICES LTD.

Zone Petroleum Corporation
Tylox Resource Corporation
c/o 1280-700 4th Ave., SW
Calgary, Alberta
T2P 3J4

December 31, 1984

Attention: Mr. Gary Schell, President, P. Eng.
Mr. H.B. Ruskowsky, President

The following is a total breakdown of you joint venture pfoject in the Barriere, B.C., area (Rea Gold Discovery), and all assessment work credits have been filed:

DIXIE 1-7 and DIXIE 8 Fr.	$ 13,000.00
DIXIE 1	14,500.00
DIXIE 2-7 and DIXIE 8 Fr.	8,000.00
CHIP, CHIP FR., DIXIE 44, DIXIE 45 Fr. & 46 Fr.	32,000.00
ISOMAG 1, 2, 3, 4, & 6	27,000.00
ISOMAG 5	2,083.00
ISOMAG 3 & 4	4,200.00
Total Project	$ 100,783.00

All of us at Amex, Along with Jim Kermeen and staff, extend our sincerest thanks to you both for this work. It saved us all!! Also, our sincere thanks in your prompt payments of this pfoject.

Respectfully submitted,

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

AAA/ca

BOX 286, KAMLOOPS, B.C. V2C 5K6 — TELEPHONE: 573-3111 or 573-5040

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 Chip-Dixie, Dixie and Isomag 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 and Tylox Resources Corporation.

James S. Kermeen

Report No.

TABLE I - SUMMARY OF WORK DONE - EXPLORATION 1984 - ZONE/TYLOX PROJECT - C84-19

GRID OR AREA	TOTAL LINES CHAINED AND FLAGGED (Km)	GEOLOGICAL MAP		SOIL SAMPLES			MAGNETOMETER		VLF-ELECTROMAGNETIC	
		LINE-Km	DAYS	COLLECTED	ANALYSED	REMAINING	LINE KM	MAN/DAYS	LINE KM	MAN/DAYS
CHIP-DIXIE GRID	35.6	38.6	13	677	456	221		10		14
DIXIE GRID	87.1	—	14	1742	272	1470		5		9
ISOMAG	59.95		3.0	1182	~~0~~	1182				
TOTALS										

TABLE II

Surface Rock Sample Analyses

Chip-Dixie Grid

Sample #	KRAL #	Location Grid	Coordinates	Description/Notes	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
DC-1	20060	Chip	4890N, 2280E	Sedimentary phyllite, minor graphite limonitic gossan in two 10" units	<5	0.3	30	45	97	65
DC-2	20061	Chip	4890N, 2250E	2′ thick chert unit. Cherty quartzite with euhedral pyrite and accessory arsenopyrite.	<5	0.2	75	31	139	<5
DC-3	20051	Chip	4890N, 2245E	Dark quartzite 3 m with pyrite and arsenopyrite?	<5	0.1	85	14	93	10
DC-4	20052	Chip	4725N, 3360E	Reworked rhyolite tuff? Accessory euhedral pyrite.	30	0.1	19	46	25	44
DC-5	20053	Chip	4600E, 4800N	Dark colored slightly schistose immature sandstone or Greywacke with fine to medium grained accessory euhedral pyrite.	<5	<0.1	26	13	43	5
DC-6	20054	Chip	5050N, 3640E	DC-6→11 are all from road cuts close to the bridge over the chip stream. Gossan is crystal tuff.	<5	0.1	32	34	24	30
DC-7	20055	Chip	5050N, 3640E	Gossan in crystal tuff.	<5	0.1	22	26	21	28

DC-8	20056	Chip	5050N, 3640E	"Quartz eye" porphyry 1/2% py chip across 6′	<5	0.1	37	23	39	35
DC-9	20057	Chip	5050N, 3640E	Cherty quartz-eshalite? 1-2% non euhedral c.g. py	<5	<0.1	112	32	655	46
DC-10	20058	Chip	5050N, 3640E	Sheared and gossanous porphyry	<5	<0.1	37	23	35	35
DC-11	20059	Chip	5050N, 3640E	Gossan in crystal tuff	<5	0.1	35	34	38	25
DC-12	20062	Chip	5050N, 3950E	"Quartz eye" tuff, gossanous and sheared limonitic	20	<0.1	215	20	44	65
DC-13	20063	Chip	5050N, 4150E	Limonitic, gossanous "quartz eye" tuff from along road	10	0.1	38	29	77	50
DC-14	20064	Chip	5000N, 3970E	Gossanous crytal tuff, very silicious, accessory sulphides	<5	<0.1	114	29	62	70
DC-15	20065	Chip	4790N, 4290E	No hand sample. Gossanous crystal tuff.	<5	<0.1	26	24	24	30
DC-16	20066	Chip	4870N, 4300E	"Quartz eye" tuff gossaned with greenish tinge.	<5	<0.1	37	31	39	15
DC-17	20067	Chip	5065N, 4300E	Gossaned, schisty, friable altered tuff.	<5	0.7	46	44	49	130

APPENDIX I

Geochemical Analyses

DIXIE I - 1983 SURVEY

KAMLOOPS RESEARCH
&
ASSAY LABORATORY
LTD

B.C. CERTIFIED ASSAYERS

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

GEOCHEMICAL LAB REPORT

TYLOX RESOURCES CORP
BOX 10344 STOCK EXCHANGE TOWER
1670-609 GRANVILLE ST
VANCOUVER B C
V7X 1E5
ATTN MR G SHELL

DATE JAN 24 1984
ANALYST
FILE NO. G 1023

KRAL NO.	IDENTIFICATION	AG	AU
1	BL0+00 0	0.7	1.0
2	1N	1.3	1.0
3	2N	0.7	5.0
4	3N	0.6	15.0
5	4N	0.6	10.0
6	6N	0.9	1.0
7	7N	0.7	10.0
8	8N	0.6	1.0
9	9N	3.0	1.0
10	10N	0.9	1.0
11	11N	1.4	1.0
12	12N	0.6	1.0
13	13N	0.9	1.0
14	14N	1.1	1.0
15	15N	1.8	1.0
16	16N	0.4	1.0
17	17N	0.5	1.0
18	18N	0.4	1.0
19	19N	0.5	1.0
20	20N	0.4	1.0
21	21N	0.3	1.0
22	22N	0.3	1.0
23	23N	0.4	1.0
24	24N	0.5	1.0
25	L0 1E	1.2	1.0
26	2E	1.0	1.0
27	3E	0.9	1.0
28	4E	0.7	1.0
29	5E	0.7	1.0
30	6E	0.9	1.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1023

KRAL NO.	IDENTIFICATION		AG	AU
31		7E	1.7	1.0
32		8E	0.7	5.0
33		9E	0.6	1.0
34		10E	0.7	1.0
35		1W	1.6	115.0
36		2W	0.5	5.0
37		3W	0.5	10.0
38		4W	0.9	1.0
39		5W	0.7	1.0
40		6W	0.7	1.0
41		7W	0.7	10.0
42		8W	0.5	5.0
43		9W	0.8	1.0
44		10W	0.7	1.0
45	L2N	1E	0.5	1.0
46		2E	0.7	1.0
47		3E	0.7	25.0
48		4E	0.6	1.0
49		5E	0.4	1.0
50		6E	0.4	1.0
51		7E	0.5	1.0
52		8E	0.6	1.0
53		9E	0.5	5.0
54		10E	0.8	1.0
55		1W	1.1	20.0
56		2W	0.9	5.0
57		3W	0.8	1.0
58		4W	0.4	1.0
59		5W	0.6	5.0
60		6W	0.5	10.0
61		7W	0.8	1.0
62		8W	0.4	25.0
63		9W	0.4	1.0
64	L4N	1E	0.5	1.0
65		2E	0.8	5.0
66		3E	0.5	1.0
67		4E	0.5	1.0
68		5E	0.4	1.0
69		6E	0.6	1.0
70		7E	0.6	1.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT
FILE NO G 1023

KRAL NO.	IDENTIFICATION	AG	AU
71	8E	0.5	1.0
72	9E	0.6	1.0
73	10E	0.7	1.0
74	1W	0.7	1.0
75	2W	0.7	1.0
76	3W	0.4	1.0
77	4W	0.4	1.0
78	5W	0.6	1.0
79	6W	0.3	1.0
80	7W	0.6	1.0
81	8W	0.4	15.0
82	9W	0.3	1.0
83	L6N 1E	0.5	1.0
84	2E	1.0	1.0
85	3E	0.4	1.0
86	4E	0.7	1.0
87	5E	1.9	1.0
88	6E	0.9	1.0
89	7E	0.7	1.0
90	8E	0.6	5.0
91	9E	0.8	1.0
92	10E	0.9	1.0
93	1W	0.6	1.0
94	2W	0.5	1.0
95	3W	0.6	1.0
96	4W	0.3	1.0
97	5W	0.4	1.0
98	6W	0.4	1.0
99	7W	0.4	1.0
100	8W	0.3	1.0
101	9W	0.4	1.0
102	L8N 1E	0.3	5.0
103	2E	1.1	5.0
104	3E	1.1	1.0
105	4E	0.8	1.0
106	5E	0.4	1.0
107	6E	0.5	1.0
108	7E	0.9	5.0
109	8E	0.7	10.0
110	9E	0.5	1.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT
FILE NO G 1023

KRAL NO.	IDENTIFICATION	AG	AU
111	10E	0.5	1.0
112	1W	0.7	1.0
113	2W	0.5	1.0
114	3W	1.0	1.0
115	4W	0.8	1.0
116	5W	0.4	1.0
117	6W	0.3	1.0
118	7W	0.6	1.0
119	8W	0.4	1.0
120	9W	0.4	1.0
121	L10N 1E	1.4	1.0
122	2E	0.7	1.0
123	3E	0.8	1.0
124	4E	0.5	1.0
125	5E	0.5	1.0
126	6E	0.3	1.0
127	7E	1.2	1.0
128	8E	1.0	1.0
129	9E	0.3	1.0
130	10E	0.4	1.0
131	1W	0.6	1.0
132	2W	0.4	1.0
133	3W	0.6	1.0
134	4W	0.4	1.0
135	5W	0.3	1.0
136	6W	0.9	1.0
137	7W	0.7	1.0
138	8W	1.6	1.0
139	9W	0.4	1.0
140	L12N 1E	0.6	1.0
141	2E	0.4	1.0
142	3E	0.5	1.0
143	4E	0.5	1.0
144	5E	0.6	1.0
145	6E	0.4	1.0
146	7E	0.4	1.0
147	8E	0.3	1.0
148	9E	0.4	1.0
149	10E	0.8	1.0
150	1W	0.4	1.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT
FILE NO G 1023

KRAL NO.	IDENTIFICATION	AG	AU
151	2W	0.7	1.0
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153	4W	0.3	1.0
154	5W	0.4	1.0
155	6W	1.7	1.0
156	7W	0.6	1.0
157	8W	0.6	1.0
158	9W	0.4	1.0
159	L14N 1E	0.3	1.0
160	2E	0.4	1.0
161	3E	0.2	1.0
162	4E	0.5	1.0
163	5E	0.4	1.0
164	6E	0.6	1.0
165	7E	0.3	1.0
166	8E	0.2	1.0
167	9E	0.3	1.0
168	10E	0.2	1.0
169	1W	0.3	1.0
170	2W	0.5	1.0
171	3W	0.5	20.0
172	4W	0.3	1.0
173	5W	0.5	15.0
174	6W	0.6	1.0
175	7W	0.4	1.0
176	8W	0.4	1.0
177	9W	0.3	10.0
178	L16N 1E	0.3	1.0
179	2E	0.3	1.0
180	3E	0.4	1.0
181	4E	0.3	1.0
182	5E	0.5	1.0
183	6E	0.6	1.0
184	7E	0.6	1.0
185	8E	0.3	1.0
186	9E	0.4	1.0
187	10E	0.3	1.0
188	1W	0.4	1.0
189	2W	0.2	1.0
190	3W	0.4	1.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT
FILE NO G 1023

KRAL NO.	IDENTIFICATION	AG	AU
191	4W	0.4	1.0
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194	7W	0.5	20.0
195	8W	0.9	30.0
196	9W	0.5	1.0
197	L18N 1E	0.7	1.0
198	2E	0.5	1.0
199	3E A	0.4	15.0
200	3E B	0.4	1.0
201	4E	0.8	1.0
202	5E	0.6	1.0
203	6E	0.5	1.0
204	7E	2.0	1.0
205	8E	0.4	1.0
206	9E	0.4	1.0
207	10E	0.6	1.0
208	1W	0.6	15.0
209	2W	0.5	1.0
210	4W	0.4	1.0
211	5W	0.3	1.0
212	6W	0.3	10.0
213	7W	0.4	1.0
214	8W	0.4	1.0
215	9W	0.4	10.0
216	L20N 1E	0.6	1.0
217	2E	0.5	1.0
218	3E	0.5	1.0
219	4E	0.4	1.0
220	5E	0.6	10.0
221	6E	0.4	1.0
222	7E	0.3	1.0
223	8E	0.3	15.0
224	9E	0.4	10.0
225	10E	0.8	10.0
226	1W	0.6	50.0
227	2W	0.9	40.0
228	3W	0.6	1.0
229	4W	0.6	1.0
230	5W	0.4	1.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT
FILE NO G 1023

'RAL NO.	IDENTIFICATION	AG	AU
231	6W	0.4	1.0
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233	8W	0.5	1.0
234	9W	0.6	1.0
235	L22N 1E	0.4	1.0
236	2E	0.6	1.0
237	3E	0.3	1.0
238	4E	0.4	1.0
239	5E	0.5	1.0
240	6E	0.3	1.0
241	7E	0.5	1.0
242	8E	0.3	1.0
243	9E	0.4	1.0
244	10E	0.5	10.0
245	1W	0.5	15.0
246	2W	1.0	1.0
247	3W	0.9	1.0
248	4W	1.6	1.0
249	5W	0.5	1.0
250	6W	0.5	1.0
251	7W	0.4	1.0
252	8W	0.4	10.0
253	9W	0.4	10.0
254	L24N 1E	0.3	1.0
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256	3E	0.5	1.0
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258	5E	0.5	1.0
259	6E	0.5	10.0
260	7E	0.5	1.0
261	8E	0.6	1.0
262	9E	0.4	1.0
263	10E	0.5	1.0
264	1W	0.5	15.0
265	2W	0.5	10.0
266	3W	0.4	10.0
267	4W	1.1	1.0
268	5W	0.5	1.0
269	6W	0.3	10.0
270	7W	0.5	10.0

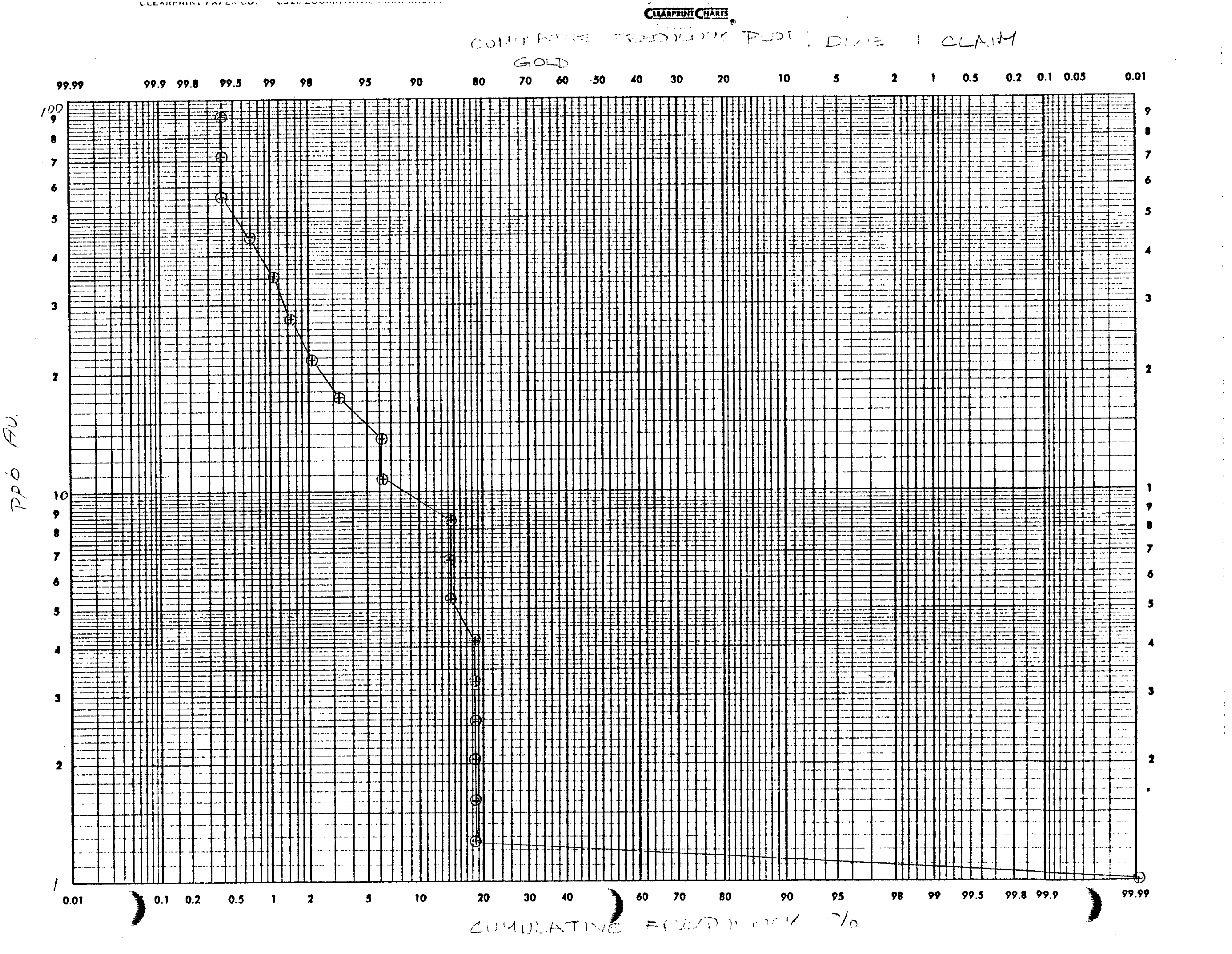
KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT
FILE NO G 1023

KRAL NO.	IDENTIFICATION	AG	AU
271	8W	0.6	1.0
272	9W	0.5	10.0

AG METHOD -80 MESH HOT ACID EXTRACTION ATOMIC ABSORPTION

AU METHOD -80 MESH FIRE ASSAY ATOMIC ABSORPTION

IN AU COLUMN 1 INDICATES LESS THAN 5 PPB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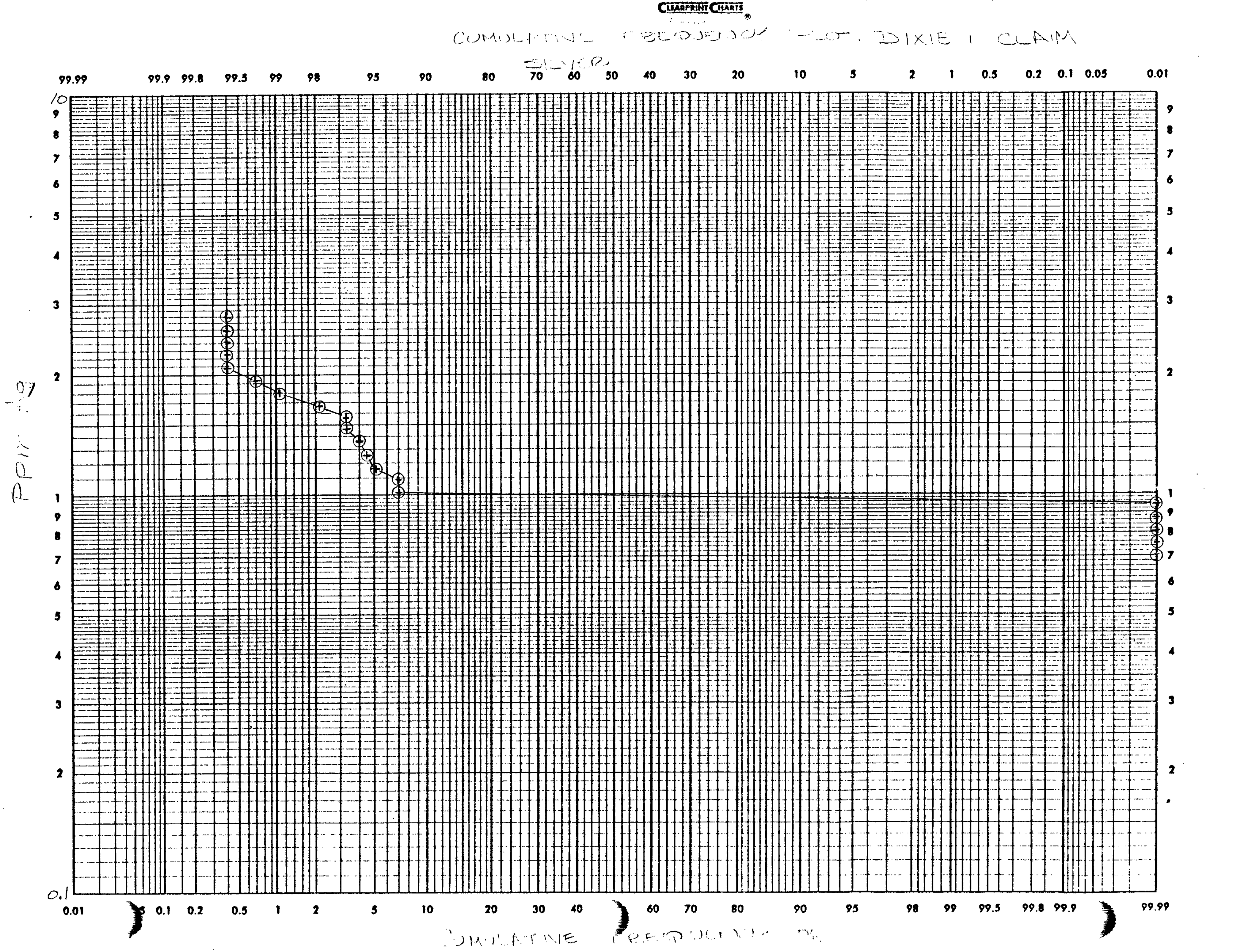
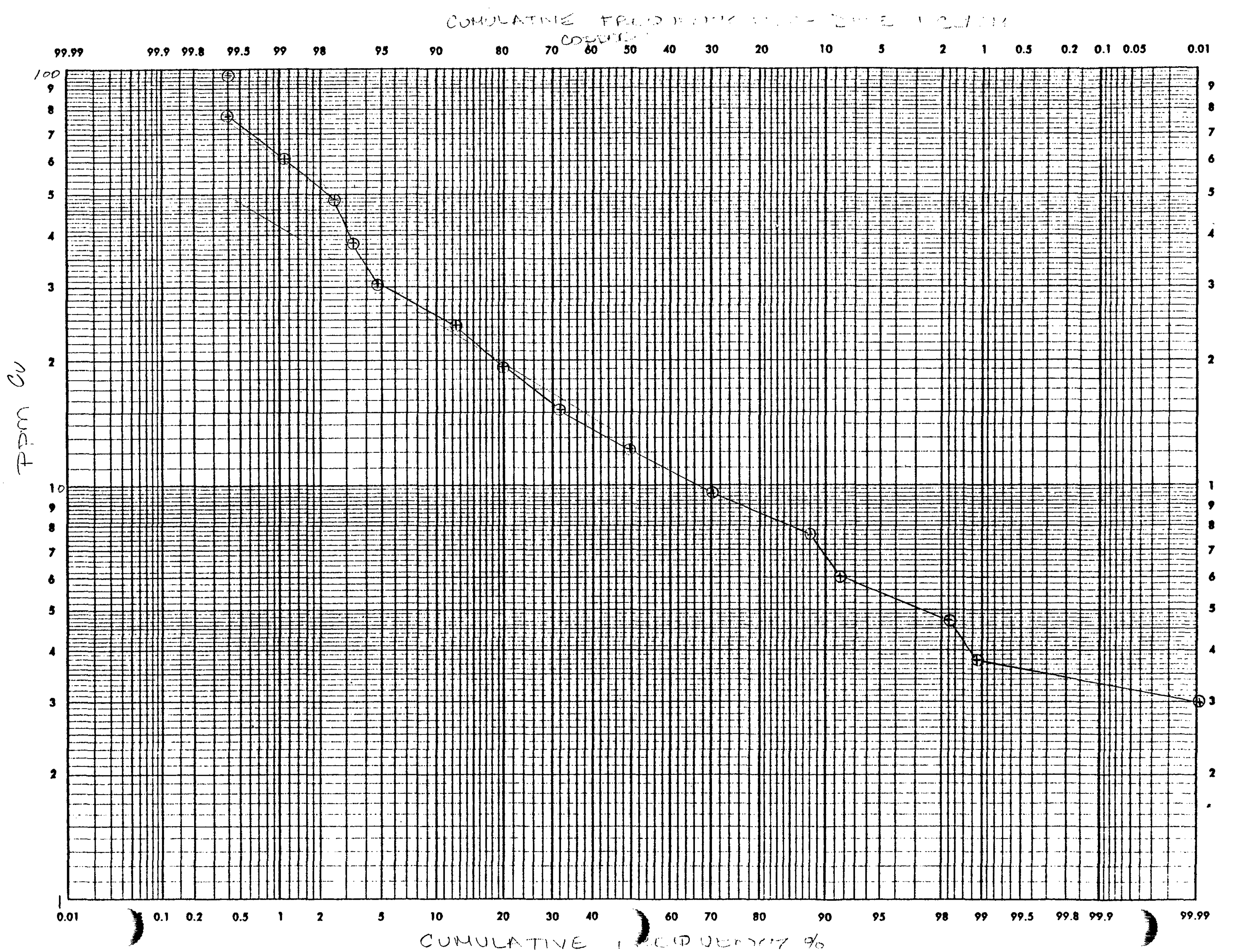
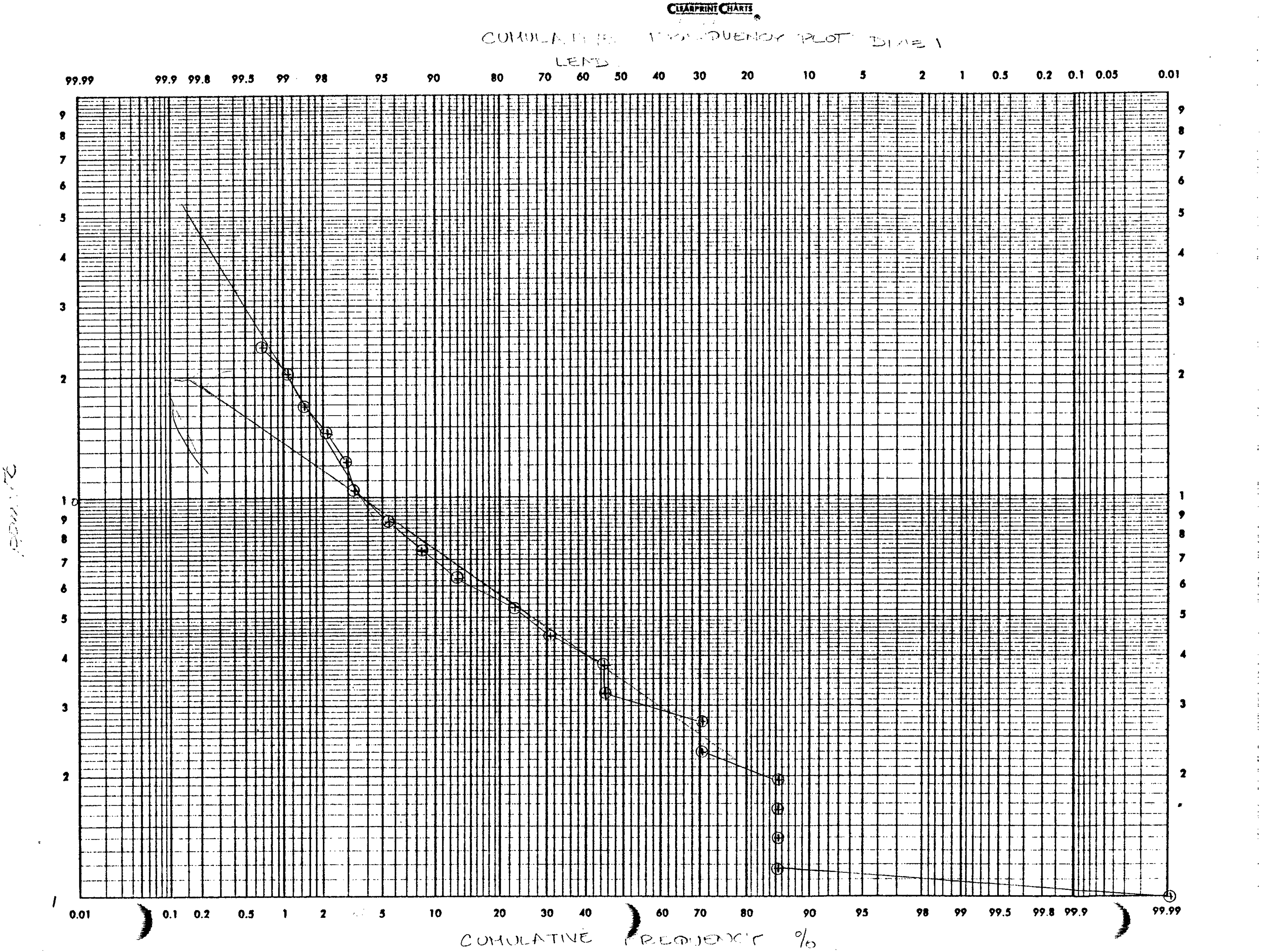
CLAIM
GOLD
99.99 99.9 99.8 99.5 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
0.01 0.1 0.2 0.5 1 2 5 10 20 30 40 60 70 80 90 95 98 99 99.5 99.8 99.9 99.99
PPb AU
CUMULATIVE


CLEARPRINT CHARTS
CUMULATIVE FREQUENCY PLOT. DIXIE 1 CLAIM
SILVER
PPM Ag
CUMULATIVE FREQUENCY %



PPM CU
CUMULATIVE %

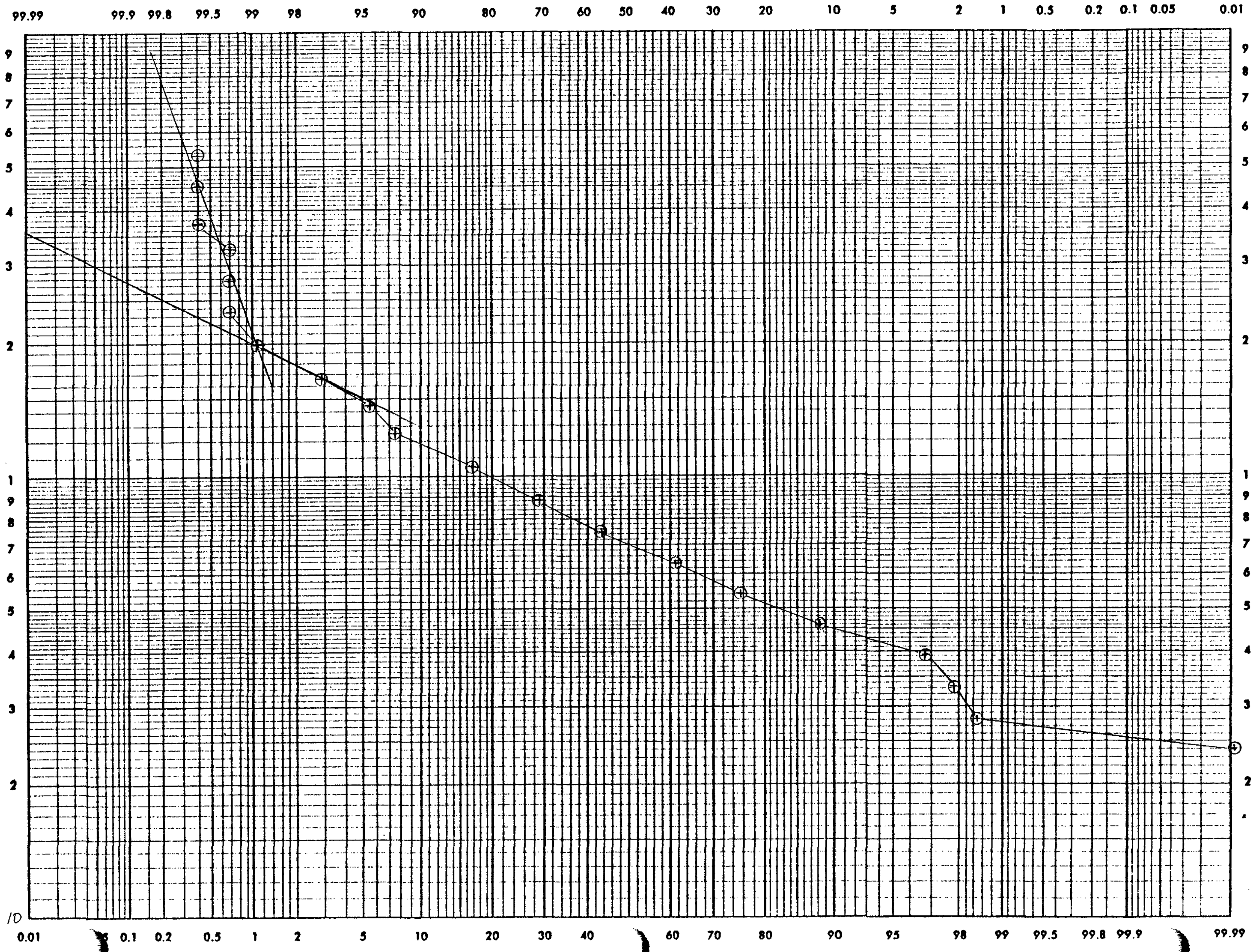


CLEARPRINT CHARTS
CUMULATIVE FREQUENCY %

CLEARPRINT CHARTS

DIXIE CLAIM

ZINC



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912 LAVAL CRESCENT
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CUMULATIVE FREQUENCY PLOT

TYLOX RESOURCES CORP
BOX 10344 STOCK EXCHANGE TOWER
1670-609 GRANVILLE ST
VANCOUVER B C
V7X 1E5
ATTN MR G SHELL

DATE JAN 24 1984
ANALYST
FILE NO. G 1023

CUMULATIVE FREQUENCY PLOT FOR AU USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
1.00--	1.27	221	81.3	100.0
1.27--	1.61	0	0.0	18.8
1.61--	2.04	0	0.0	18.8
2.04--	2.58	0	0.0	18.8
2.58--	3.27	0	0.0	18.8
3.27--	4.15	0	0.0	18.8
4.15--	5.26	12	4.4	18.8
5.26--	6.67	0	0.0	14.3
6.67--	8.46	0	0.0	14.3
8.46--	10.72	22	8.1	14.3
10.72--	13.60	0	0.0	6.3
13.60--	17.24	8	2.9	6.3
17.24--	21.85	3	1.1	3.3
21.85--	27.70	2	0.7	2.2
27.70--	35.12	1	0.4	1.5
35.12--	44.52	1	0.4	1.1
44.52--	56.44	1	0.4	0.7
56.44--	71.55	0	0.0	0.4
71.55--	90.71	0	0.0	0.4
90.71--	115.00	1	0.4	0.4

MEAN 3.6

STD. DEV. 8.3

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CUMULATIVE FREQUENCY PLOT

TYLOX RESOURCES CORP
BOX 10344 STOCK EXCHANGE TOWER
1670-609 GRANVILLE ST
VANCOUVER B C
V7X 1E5
ATTN MR G SHELL

DATE JAN 24 1984
ANALYST
FILE NO. G 1023

CUMULATIVE FREQUENCY PLOT FOR AG USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
0.70--	0.75	0	0.0	100.0
0.75--	0.81	0	0.0	100.0
0.81--	0.87	0	0.0	100.0
0.87--	0.94	0	0.0	100.0
0.94--	1.01	253	93.0	100.0
1.01--	1.08	0	0.0	7.0
1.08--	1.16	5	1.8	7.0
1.16--	1.25	2	0.7	5.1
1.25--	1.35	1	0.4	4.4
1.35--	1.45	2	0.7	4.0
1.45--	1.56	0	0.0	3.3
1.56--	1.68	3	1.1	3.3
1.68--	1.80	3	1.1	2.2
1.80--	1.94	1	0.4	1.1
1.94--	2.09	1	0.4	0.7
2.09--	2.24	0	0.0	0.4
2.24--	2.41	0	0.0	0.4
2.41--	2.59	0	0.0	0.4
2.59--	2.79	0	0.0	0.4
2.79--	3.00	1	0.4	0.4

MEAN 1.0

STD. DEV. 0.2

DIXIE 1 (1983 SURVEY)

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CUMULATIVE FREQUENCY PLOT

TYLOX RESOURCES CORP
BOX 10344 STOCK EXCHANGE TOWER
1670-609 GRANVILLE ST
VANCOUVER B C
V7X 1E5
ATTN MR G SHELL

DATE JAN 24 1984
ANALYST
FILE NO. G 1023

CUMULATIVE FREQUENCY PLOT FOR CU USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
3.00--	3.78	3	1.1	100.0
3.78--	4.77	2	0.7	98.9
4.77--	6.01	18	6.6	98.2
6.01--	7.58	13	4.8	91.5
7.58--	9.56	44	16.2	86.8
9.56--	12.05	57	21.0	70.6
12.05--	15.19	48	17.6	49.6
15.19--	19.15	33	12.1	32.0
19.15--	24.15	20	7.4	19.9
24.15--	30.45	21	7.7	12.5
30.45--	38.39	4	1.5	4.8
38.39--	48.40	2	0.7	3.3
48.40--	61.02	4	1.5	2.6
61.02--	76.93	2	0.7	1.1
76.93--	97.00	0	0.0	0.4
97.00--	122.29	0	0.0	0.4
122.29--	154.18	0	0.0	0.4
154.18--	194.39	0	0.0	0.4
194.39--	245.08	0	0.0	0.4
245.08--	309.00	1	0.4	0.4

MEAN 15.6

STD. DEV. 18.5

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CUMULATIVE FREQUENCY PLOT

TYLOX RESOURCES CORP
BOX 10344 STOCK EXCHANGE TOWER
1670-609 GRANVILLE ST
VANCOUVER B C
V7X 1E5
ATTN MR G SHELL

DATE JAN 24 1984
ANALYST
FILE NO. G 1023

CUMULATIVE FREQUENCY PLOT FOR PB USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
1.00--	1.18	40	14.7	100.0
1.18--	1.40	0	0.0	85.3
1.40--	1.65	0	0.0	85.3
1.65--	1.95	0	0.0	85.3
1.95--	2.30	41	15.1	85.3
2.30--	2.72	0	0.0	70.2
2.72--	3.21	67	24.6	70.2
3.21--	3.79	0	0.0	45.6
3.79--	4.48	40	14.7	45.6
4.48--	5.29	21	7.7	30.9
5.29--	6.25	28	10.3	23.2
6.25--	7.38	12	4.4	12.9
7.38--	8.72	8	2.9	8.5
8.72--	10.30	6	2.2	5.5
10.30--	12.17	1	0.4	3.3
12.17--	14.38	2	0.7	2.9
14.38--	16.99	2	0.7	2.2
16.99--	20.07	1	0.4	1.5
20.07--	23.70	1	0.4	1.1
23.70--	28.00	2	0.7	0.7

MEAN 4.1

STD. DEV. 3.3

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CUMULATIVE FREQUENCY PLOT

TYLOX RESOURCES CORP
BOX 10344 STOCK EXCHANGE TOWER
1670-609 GRANVILLE ST
VANCOUVER B C
V7X 1E5
ATTN MR G SHELL

DATE JAN 24 1984
ANALYST
FILE NO. G 1023

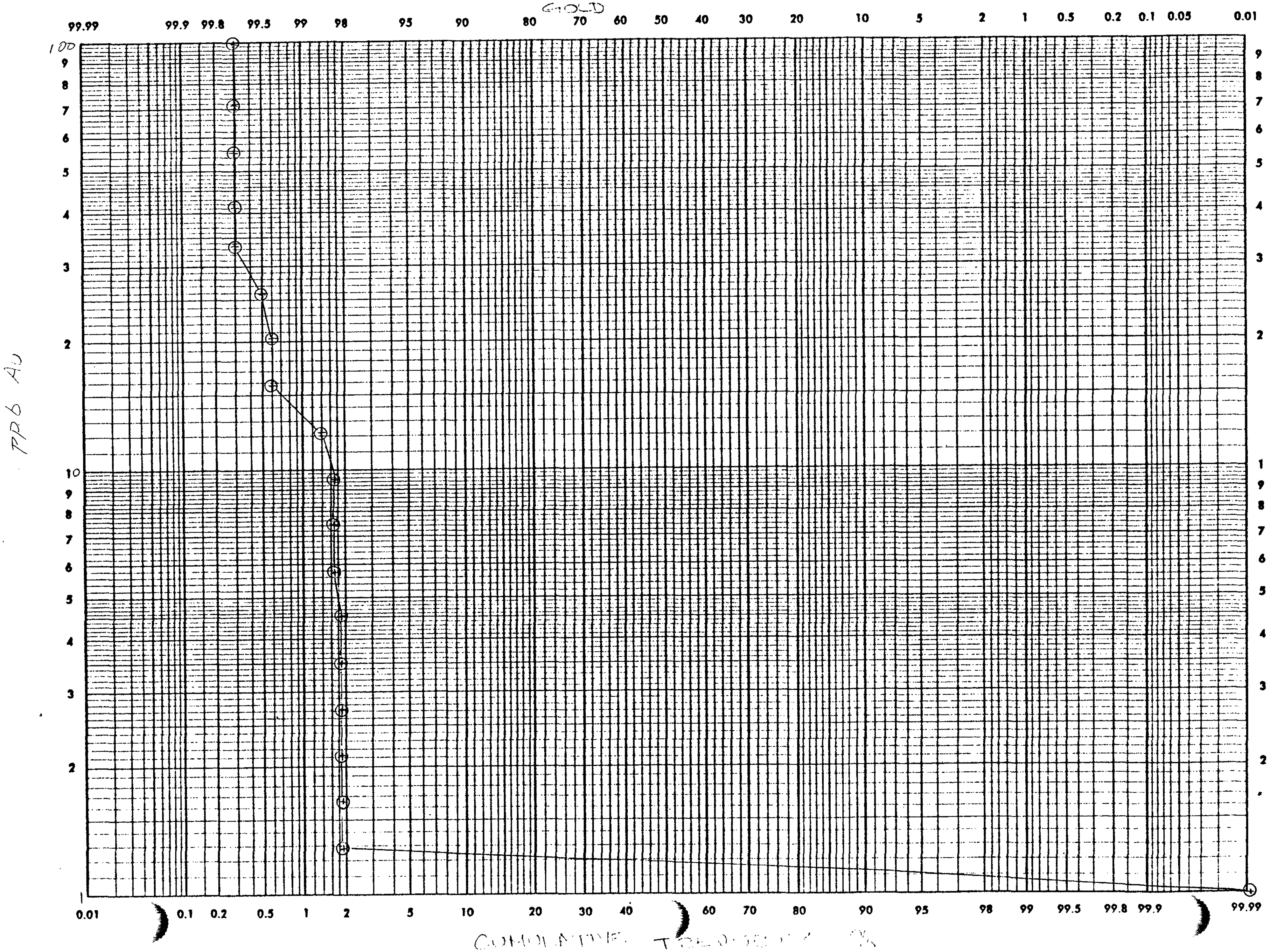
CUMULATIVE FREQUENCY PLOT FOR ZN USING A LOGARITHMIC CONVERSION

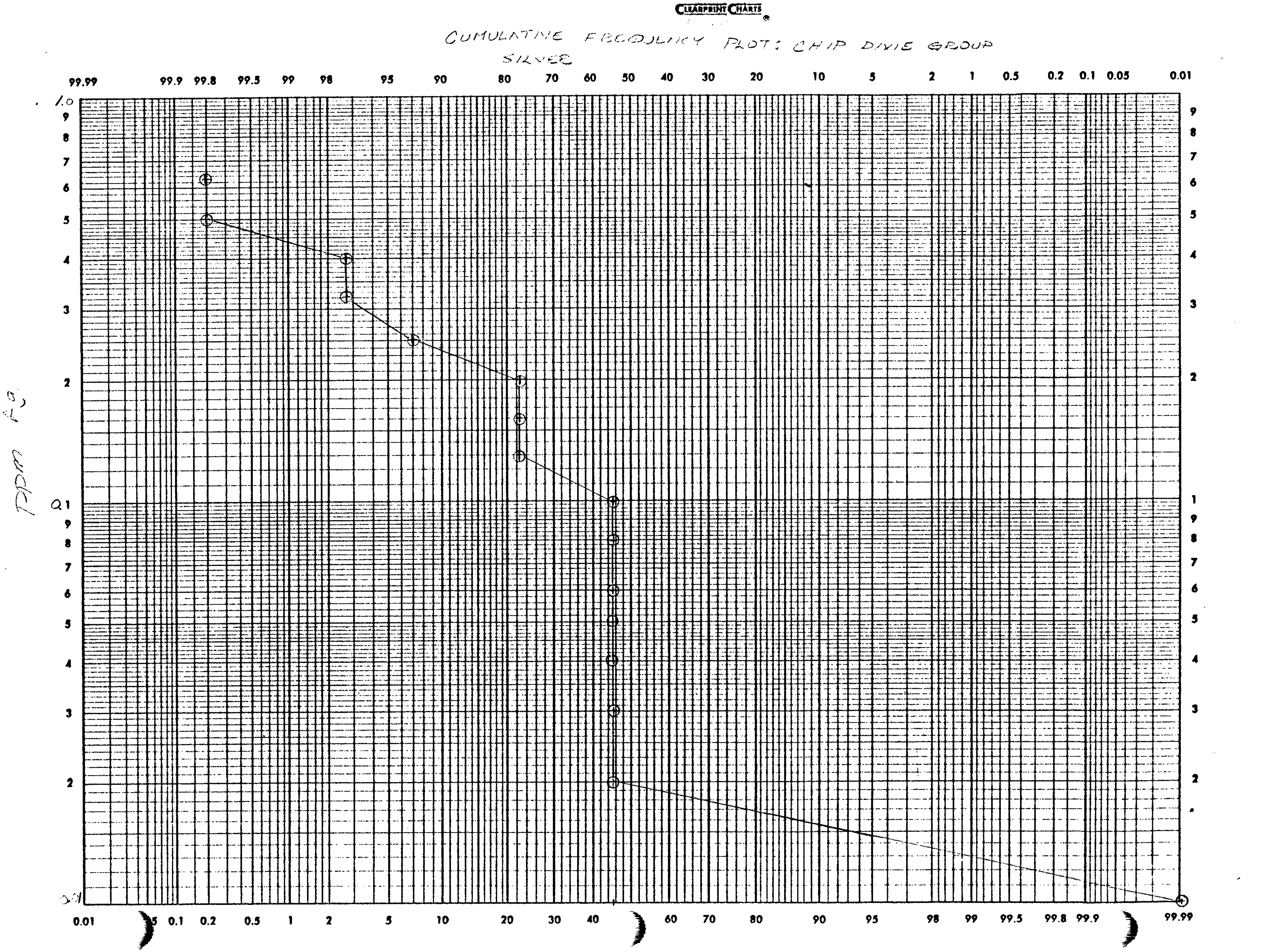
CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
24.00--	28.25	4	1.5	100.0
28.25--	33.25	2	0.7	98.5
33.25--	39.13	3	1.1	97.8
39.13--	46.06	23	8.5	96.7
46.06--	54.22	34	12.5	88.2
54.22--	63.81	39	14.3	75.7
63.81--	75.11	48	17.6	61.4
75.11--	88.41	40	14.7	43.8
88.41--	104.05	33	12.1	29.0
104.05--	122.47	23	8.5	16.9
122.47--	144.15	8	2.9	8.5
144.15--	169.67	7	2.6	5.5
169.67--	199.71	5	1.8	2.9
199.71--	235.06	1	0.4	1.1
235.06--	276.67	0	0.0	0.7
276.67--	325.65	0	0.0	0.7
325.65--	383.29	1	0.4	0.7
383.29--	451.14	0	0.0	0.4
451.14--	531.00	0	0.0	0.4
531.00--	625.00	1	0.4	0.4

MEAN 80.2

STD. DEV. 46.9

CUMULATIVE FREQUENCY PLOT: CHIP DIXIE GROUP
GOLD

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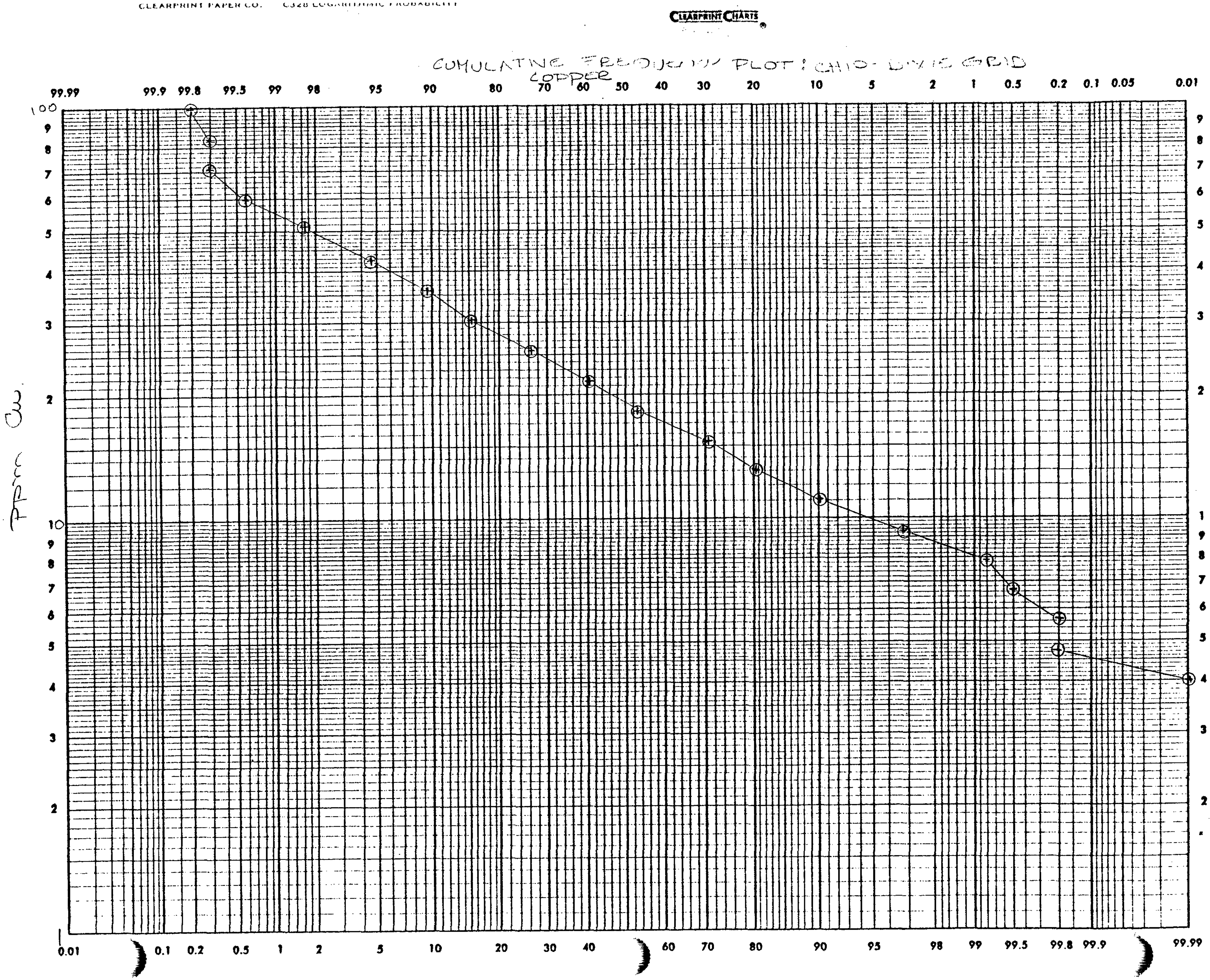
CUMULATIVE FREQUENCY PLOT: CHIP DIXIE GROUP
SILVER
ppm Ag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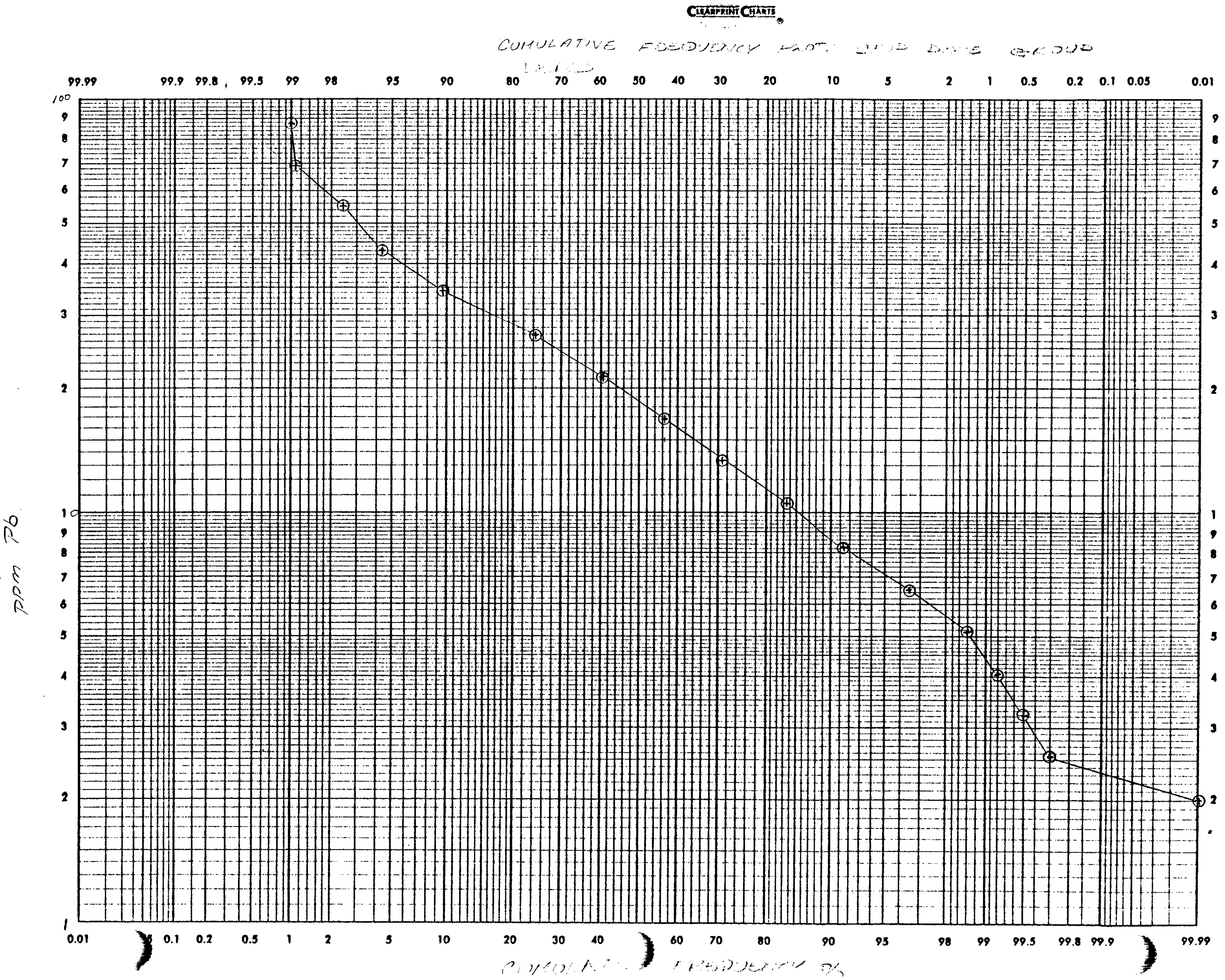
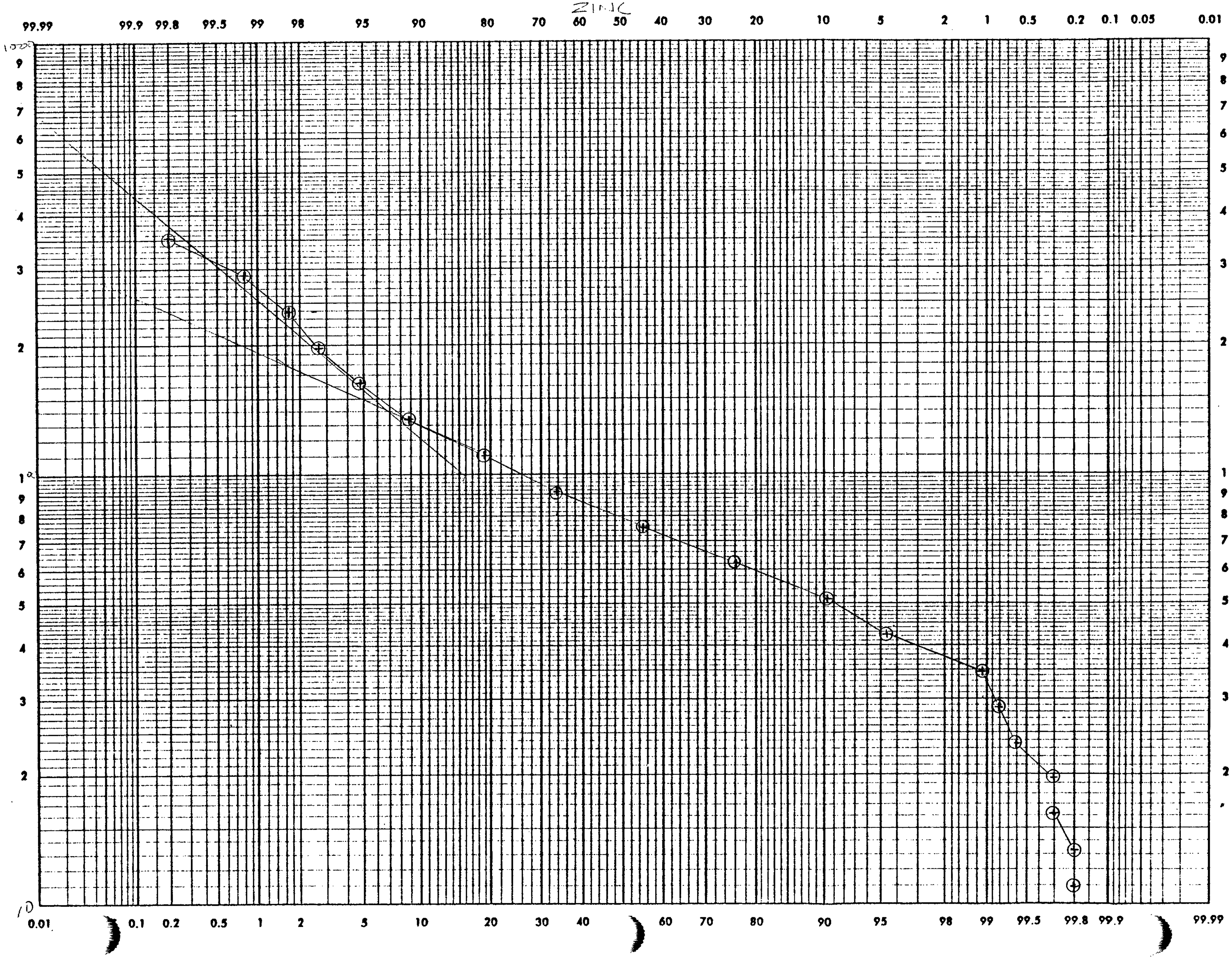
CUMULATIVE FREQUENCY PLOT: OHIO-DIXIE GRID
COPPER
PPM Cu

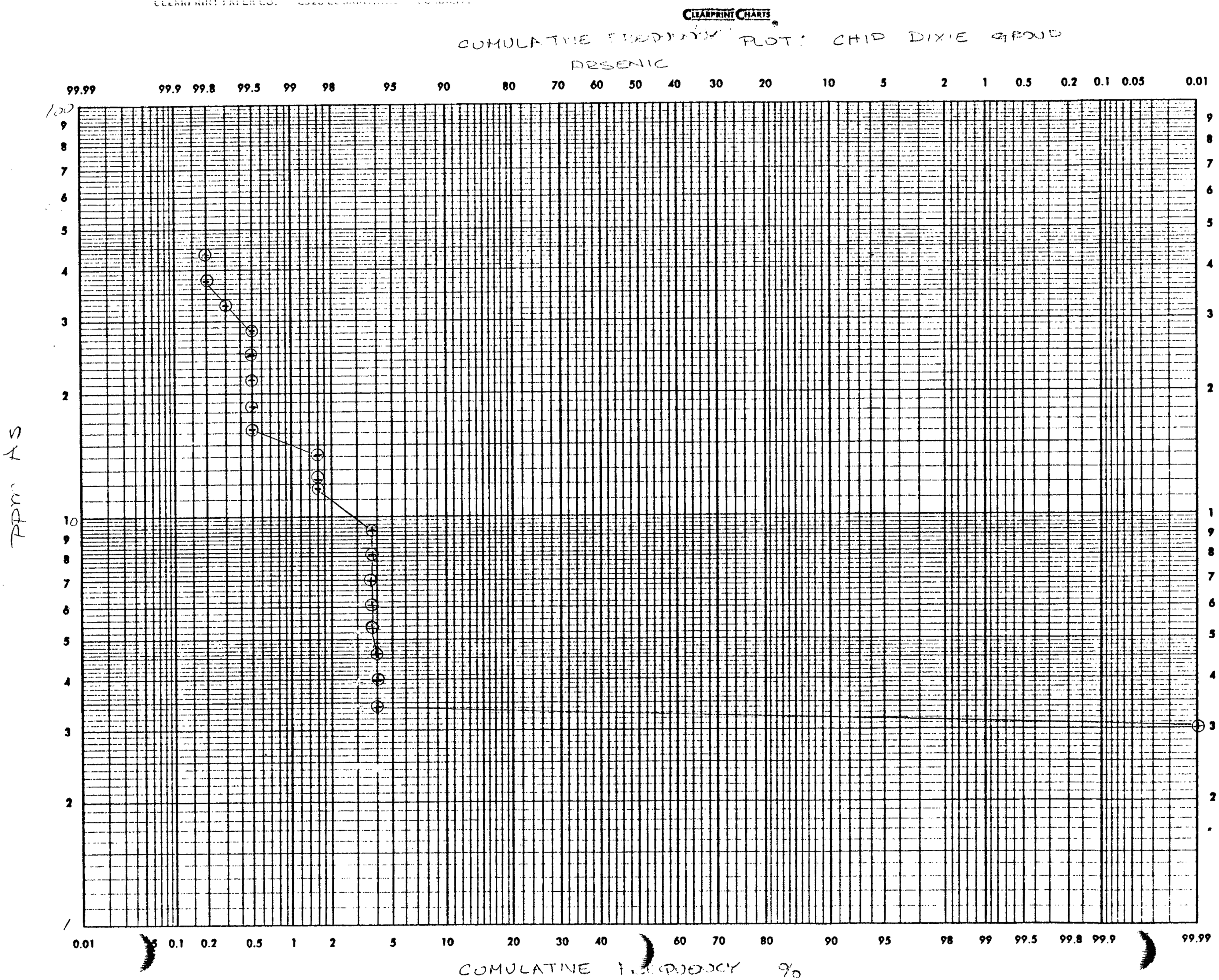

CLEARPRINT CHARTS
CUMULATIVE
PPM Pb

CLEARPRINT CHARTS

CUMULATIVE FREQUENCY PLOT / CHIP DIXIE GROUP

ZINC





CLEARPRINT CHARTS
CHIP DIXIE GROUP
ARSENIC
PPM AS
COMULATIVE
%
99.99 99.9 99.8 99.5 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
0.01 0.1 0.2 0.5 1 2 5 10 20 30 40 60 70 80 90 95 98 99 99.5 99.8 99.9 99.99

CHIP - DIXIE - GROUP

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CUMULATIVE FREQUENCY PLOT

AMEX EXPLORATIONS LTD
BOX 286
KAMLOOPS BC
V2C 5K6

DATE 12/17/84
ANALYST RJL
FILE NO. G-1261

CUMULATIVE FREQUENCY PLOT FOR AU USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
1.00--	1.28	617	98.1	100.0
1.28--	1.65	0	0.0	1.9
1.65--	2.12	0	0.0	1.9
2.12--	2.72	0	0.0	1.9
2.72--	3.50	0	0.0	1.9
3.50--	4.50	0	0.0	1.9
4.50--	5.78	1	0.2	1.9
5.78--	7.42	0	0.0	1.7
7.42--	9.53	0	0.0	1.7
9.53--	12.25	2	0.3	1.7
12.25--	15.73	5	0.8	1.4
15.73--	20.21	0	0.0	0.6
20.21--	25.97	1	0.2	0.6
25.97--	33.36	1	0.2	0.5
33.36--	42.86	0	0.0	0.3
42.86--	55.06	0	0.0	0.3
55.06--	70.74	0	0.0	0.3
70.74--	90.88	0	0.0	0.3
90.88--	116.76	1	0.2	0.3
116.76--	150.00	1	0.2	0.2

MEAN 1.7

STD. DEV. 6.9

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CUMULATIVE FREQUENCY PLOT

AMEX EXPLORATIONS LTD
BOX 286
KAMLOOPS BC
V2C 5K6

DATE 12/17/84
ANALYST RJL
FILE NO. G-1261

CUMULATIVE FREQUENCY PLOT FOR AG USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
0.01--	0.01	343	54.5	100.0
0.01--	0.02	0	0.0	45.5
0.02--	0.02	0	0.0	45.5
0.02--	0.03	0	0.0	45.5
0.03--	0.03	0	0.0	45.5
0.03--	0.04	0	0.0	45.5
0.04--	0.05	0	0.0	45.5
0.05--	0.06	0	0.0	45.5
0.06--	0.08	0	0.0	45.5
0.08--	0.10	0	0.0	45.5
0.10--	0.13	144	22.9	45.5
0.13--	0.16	0	0.0	22.6
0.16--	0.20	0	0.0	22.6
0.20--	0.25	98	15.6	22.6
0.25--	0.32	27	4.3	7.0
0.32--	0.40	0	0.0	2.7
0.40--	0.50	16	2.5	2.7
0.50--	0.63	0	0.0	0.2
0.63--	0.79	1	0.2	0.2
0.79--	1.00	0	0.0	-0.0

MEAN 0.1

STD. DEV. 0.1

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GEOCHEMICAL LAB REPORT

AMEX EXPLORATION LTD
BOX 286
KAMLOOPS B C
V2C 5K6

DATE DEC 17 1984
ANALYST
FILE NO. G 1261

DIXIE GRID

KRAL NO.	IDENTIFICATION	AU	CU	PB
1	2100E L5000N	1.0	18.0	6.0
2	2150E	1.0	15.0	4.0
3	2200E	1.0	30.0	5.0
4	2250E	1.0	12.0	7.0
5	2300E	1.0	10.0	7.0
6	2350E	1.0	17.0	4.0
7	2400E	1.0	41.0	20.0
8	2450E	1.0	23.0	9.0
9	2500E	1.0	29.0	17.0
10	2550E	1.0	32.0	11.0
11	2600E	1.0	13.0	8.0
12	2650E	1.0	10.0	8.0
13	2700E	1.0	10.0	7.0
14	2800E	1.0	26.0	13.0
15	2650E	1.0	37.0	14.0
16	2900E	1.0	15.0	7.0
17	2950E	1.0	18.0	8.0
18	3000E	1.0	23.0	11.0
19	3050E	1.0	46.0	11.0
20	3100E	1.0	30.0	14.0
21	3150E	1.0	37.0	11.0
22	3200E	1.0	20.0	10.0
23	3250E	1.0	22.0	15.0
24	3300E	1.0	11.0	8.0
25	3350E	1.0	17.0	11.0
26	3400E	1.0	15.0	11.0
27	3450E	1.0	8.0	7.0
28	3500E	1.0	10.0	9.0
29	3550E	1.0	15.0	8.0
30	3600E	1.0	18.0	8.0

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GEOCHEMICAL LAB REPORT
FILE NO G 1261

KRAL NO.	IDENTIFICATION	AU	CU	PB
31	3700E	1.0	13.0	9.0
32	3750E	1.0	56.0	22.0
33	3800E	1.0	48.0	19.0
34	3850E	1.0	16.0	14.0
35	3900E	1.0	14.0	10.0
36	3950E	1.0	17.0	17.0
37	4000E	1.0	21.0	16.0
38	4050E	1.0	14.0	17.0
39	4100E	1.0	27.0	14.0
40	4150E	1.0	25.0	16.0
41	4200E	1.0	32.0	20.0
42	4250E	1.0	36.0	32.0
43	4300E	1.0	30.0	25.0
44	4350E	1.0	13.0	18.0
45	4400E	1.0	30.0	25.0
46	4450E	10.0	25.0	27.0
47	4500E	1.0	34.0	29.0
48	4550E	1.0	34.0	29.0
49	4600E	1.0	30.0	23.0
50	4650E	1.0	10.0	16.0
51	4700E	1.0	12.0	16.0
52	4750E	1.0	11.0	14.0
53	4800E	1.0	13.0	15.0
54	4850E	1.0	20.0	50.0
55	4900E	1.0	10.0	15.0
56	4950E	1.0	11.0	16.0
57	5000E	1.0	16.0	15.0
58	5050E	1.0	11.0	16.0
59	5100E	1.0	11.0	13.0
60	5150E	1.0	10.0	16.0
61	5200E	1.0	9.0	16.0
62	5250E	1.0	14.0	18.0
63	5300E	1.0	20.0	25.0
64	5350E	15.0	14.0	23.0
65	5400E	1.0	14.0	20.0
66	5450E	1.0	11.0	14.0
67	5500E	1.0	24.0	17.0
68	5550E	1.0	8.0	12.0
69	5600E	1.0	11.0	16.0
70	5650E	1.0	32.0	20.0

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FILE NO G 1261

KRAL NO.	IDENTIFICATION		AU	CU	PB
71	5700E		1.0	13.0	17.0
72	5750E		1.0	22.0	24.0
73	5800E		1.0	21.0	21.0
74	5900E		1.0	12.0	12.0
75	5950E		1.0	6.0	8.0
76	6050E		1.0	8.0	12.0
77	4600N	L2074E	1.0	22.0	6.0
78	4650N		1.0	24.0	6.0
79	4700N		15.0	50.0	11.0
80	4750N		25.0	117.0	22.0
81	4800N		1.0	20.0	6.0
82	4850N		1.0	46.0	8.0
83	4900N		1.0	41.0	14.0
84	4950N		1.0	19.0	6.0
85	4650N	L2200E	1.0	13.0	6.0
86	4700N		1.0	28.0	26.0
87	4725N		1.0	13.0	8.0
88	4750N		1.0	40.0	24.0
89	4775N		1.0	45.0	13.0
90	4800N		1.0	17.0	17.0
91	4825N		1.0	24.0	29.0
92	4850N		1.0	17.0	11.0
93	4875N		1.0	6.0	10.0
94	4900N		1.0	36.0	30.0
95	4925N		1.0	18.0	9.0
96	4950N		1.0	12.0	10.0
97	4975N		1.0	22.0	8.0
98	4775N	L2300E	1.0	57.0	27.0
99	4800N		1.0	21.0	13.0
100	4825N		1.0	15.0	7.0
101	4850N		1.0	13.0	7.0
102	4875N		1.0	34.0	12.0
103	4900N		1.0	13.0	9.0
104	4925N		1.0	19.0	11.0
105	4950N		1.0	20.0	13.0
106	4975N		1.0	17.0	9.0
107	4700N	L2400E	1.0	90.0	37.0
108	4725N		1.0	17.0	13.0
109	4750N		1.0	13.0	15.0
110	4775N		1.0	18.0	10.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT
FILE NO G 1261

KRAL NO.	IDENTIFICATION	AU	CU	PB
111	4800N	1.0	10.0	6.0
112	4825N	1.0	20.0	7.0
113	4850N	1.0	15.0	8.0
114	4875N	1.0	13.0	8.0
115	4900N	1.0	24.0	13.0
116	4925N	1.0	30.0	13.0
117	4950N	1.0	27.0	14.0
118	4975N	1.0	22.0	14.0
119	4700N L2500E	1.0	30.0	16.0
120	4725N	1.0	31.0	22.0
121	4750N	1.0	44.0	24.0
122	4775N	1.0	22.0	22.0
123	4800N	1.0	26.0	18.0
124	4825N	1.0	65.0	33.0
125	4850N	1.0	24.0	26.0
126	4875N	1.0	31.0	15.0
127	4900N	1.0	34.0	24.0
128	4925N	1.0	16.0	17.0
129	4950N	1.0	43.0	226.0
130	4975N	1.0	34.0	25.0
131	4700N 2600E	1.0	22.0	16.0
132	4725N	1.0	31.0	15.0
133	4750N	1.0	26.0	15.0
134	4775N	1.0	21.0	18.0
135	4800N	1.0	19.0	24.0
136	4825N	1.0	16.0	19.0
137	4850N	1.0	14.0	24.0
138	4875N	1.0	27.0	28.0
139	4900N	1.0	51.0	29.0
140	4925N	1.0	18.0	17.0
141	4950N	1.0	20.0	14.0
142	4975N	1.0	19.0	9.0
143	4750N L2700E	1.0	18.0	14.0
144	4775N	1.0	15.0	13.0
145	4800N	1.0	11.0	13.0
146	4825N	1.0	13.0	14.0
147	4850N	1.0	16.0	14.0
148	4875N	1.0	18.0	16.0
149	4900N	1.0	19.0	15.0
150	4925N	1.0	33.0	10.0

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KRAL NO.	IDENTIFICATION	AU	CU	PB
151	4950N	1.0	31.0	11.0
152	4975N	1.0	25.0	19.0
153	4700N L2800E	1.0	12.0	10.0
154	4725N	1.0	12.0	12.0
155	4750N	1.0	24.0	14.0
156	4775N	1.0	21.0	14.0
157	4800N	1.0	18.0	12.0
158	4825N	1.0	15.0	12.0
159	4850N	1.0	14.0	11.0
160	4875N	1.0	21.0	16.0
161	4900N	1.0	18.0	14.0
162	4925N	1.0	19.0	13.0
163	4950N	1.0	25.0	14.0
164	4975N	1.0	38.0	13.0
165	4750N L2900E	1.0	13.0	10.0
166	4775N	1.0	11.0	7.0
167	4800N	1.0	12.0	8.0
168	4825N	1.0	16.0	9.0
169	4850N	1.0	21.0	13.0
170	4875N	1.0	22.0	12.0
171	4900N	1.0	16.0	11.0
172	4925N	1.0	20.0	10.0
173	4975N	1.0	24.0	9.0
174	4650N L3000E	1.0	4.0	2.0
175	4700N	1.0	18.0	3.0
176	4750N	1.0	15.0	9.0
177	4775NA	1.0	21.0	2.0
178	4775NB	1.0	20.0	9.0
179	4800N	1.0	40.0	9.0
180	4825N	1.0	30.0	6.0
181	4850N	1.0	11.0	10.0
182	4875N	1.0	10.0	11.0
183	4900N	1.0	23.0	9.0
184	4925N	1.0	20.0	10.0
185	4950N	1.0	18.0	10.0
186	4975N	1.0	17.0	9.0
187	4700N 3100E	1.0	19.0	8.0
188	4725N	1.0	18.0	11.0
189	4750NA	1.0	20.0	13.0
190	4750NB	1.0	18.0	12.0

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KRAL NO.	IDENTIFICATION	AU	CU	PB
191	4800N	1.0	21.0	12.0
192	4825N	1.0	16.0	13.0
193	4850N	1.0	11.0	10.0
194	4875N	1.0	9.0	19.0
195	4900N	1.0	24.0	12.0
196	4925N	1.0	44.0	17.0
197	4950N	1.0	66.0	14.0
198	4975N	1.0	49.0	14.0
199	4650N L3200E	1.0	12.0	13.0
200	4700N	1.0	14.0	11.0
201	4725N	1.0	19.0	13.0
202	4750N	1.0	13.0	13.0
203	4775N	1.0	14.0	16.0
204	4825N	1.0	11.0	17.0
205	4850N	1.0	15.0	18.0
206	4875N	1.0	18.0	14.0
207	4900N	1.0	28.0	10.0
208	4925N	1.0	18.0	13.0
209	4950N	1.0	28.0	12.0
210	4975N	1.0	27.0	16.0
211	4700N L 3300E	1.0	23.0	14.0
212	4725N	1.0	12.0	13.0
213	4800N	1.0	18.0	16.0
214	4850N A	1.0	32.0	14.0
215	4850N B	1.0	15.0	20.0
216	4875N	1.0	13.0	11.0
217	4925N	1.0	26.0	20.0
218	4950N	1.0	15.0	12.0
219	4550N L 3400E	1.0	17.0	11.0
220	4600N	1.0	16.0	19.0
221	4650N	1.0	21.0	13.0
222	4700N	1.0	18.0	14.0
223	4725N	1.0	14.0	17.0
224	4750N	1.0	15.0	14.0
225	4775N	1.0	17.0	18.0
226	4800N	1.0	14.0	15.0
227	4825N	1.0	13.0	12.0
228	4850N	1.0	15.0	10.0
229	4875N	1.0	25.0	11.0
230	4900N	1.0	14.0	9.0

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KRAL NO.	IDENTIFICATION	AU	CU	PB
231	4925N	1.0	24.0	11.0
232	4950N	1.0	16.0	11.0
233	4975N	1.0	12.0	7.0
234	4700N L 3500E	1.0	24.0	19.0
235	4725N	1.0	21.0	14.0
236	4750N	1.0	16.0	18.0
237	4775N	15.0	24.0	17.0
238	4800N	5.0	17.0	17.0
239	4825N	1.0	16.0	14.0
240	4850N	1.0	26.0	15.0
241	4875N	1.0	27.0	13.0
242	4900N	1.0	16.0	11.0
243	4925N	1.0	28.0	20.0
244	4950N	1.0	22.0	10.0
245	4975N	1.0	14.0	8.0
246	4700N L 3600E	1.0	24.0	13.0
247	4725N	1.0	20.0	15.0
248	4750N	1.0	18.0	16.0
249	4775N	1.0	17.0	12.0
250	4800N	1.0	21.0	13.0
251	4825N	1.0	18.0	11.0
252	4850N	1.0	18.0	10.0
253	4875N	1.0	14.0	11.0
254	4900N	1.0	14.0	10.0
255	4925N	1.0	12.0	9.0
256	4950N	1.0	18.0	9.0
257	4975N	1.0	28.0	8.0
258	4700N L 3700E	1.0	17.0	18.0
259	4725N	1.0	16.0	16.0
260	4750N	1.0	20.0	19.0
261	4775N	1.0	18.0	19.0
262	4800N	1.0	28.0	24.0
263	4825N	1.0	29.0	17.0
264	4850N	1.0	26.0	20.0
265	4875N	1.0	30.0	31.0
266	4900N	1.0	20.0	10.0
267	4925N	1.0	14.0	8.0
268	4950N	1.0	42.0	14.0
269	4975N	1.0	36.0	12.0
270	4725N L 3800E	1.0	18.0	18.0

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:RAL NO.	IDENTIFICATION	AU	CU	PB
271	4750N	1.0	23.0	24.0
272	4775N	1.0	26.0	18.0
273	4800N	1.0	43.0	24.0
274	4825N	1.0	38.0	20.0
275	4850N	1.0	17.0	16.0
276	4875N	1.0	35.0	19.0
277	4900N	1.0	14.0	24.0
278	4925N	1.0	25.0	13.0
279	4950N	1.0	33.0	14.0
280	4975N	1.0	32.0	16.0
281	4700N L 3900E	1.0	25.0	21.0
282	4725N	1.0	19.0	17.0
283	4750N	1.0	17.0	9.0
284	4775N	1.0	15.0	12.0
285	4800N	1.0	28.0	12.0
286	4825N	1.0	23.0	14.0
287	4850N	1.0	11.0	7.0
288	4875N	1.0	25.0	12.0
289	4900N	15.0	14.0	10.0
290	4925N	1.0	21.0	16.0
291	4950N	1.0	22.0	14.0
292	4975N	1.0	18.0	12.0
293	4725N L 4000E	1.0	12.0	16.0
294	4750N	1.0	16.0	21.0
295	4775N	1.0	36.0	28.0
296	4800N	1.0	15.0	20.0
297	4825N	1.0	22.0	29.0
298	4850N	1.0	17.0	19.0
299	4875N	1.0	21.0	24.0
300	4900N	30.0	18.0	25.0
301	4925N	1.0	17.0	16.0
302	4950N	1.0	20.0	17.0
303	4975N	1.0	46.0	25.0
304	4700N L 4100E	1.0	11.0	8.0
305	4725N	1.0	19.0	20.0
306	4750N	115.0	32.0	22.0
307	4775N	1.0	19.0	18.0
308	4825N	1.0	37.0	34.0
309	4875N	1.0	33.0	27.0
310	4900N	1.0	30.0	37.0

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KRAL NO.	IDENTIFICATION	AU	CU	PB
311	4925N	1.0	38.0	40.0
312	4950N	1.0	25.0	29.0
313	4975N	1.0	25.0	30.0
314	4650N L 4200E	1.0	12.0	14.0
315	4700N	1.0	25.0	26.0
316	4725N	1.0	15.0	15.0
317	4750N	1.0	16.0	19.0
318	4775N	1.0	26.0	31.0
319	4800N	1.0	19.0	20.0
320	4825N	1.0	35.0	33.0
321	4850N	1.0	53.0	24.0
322	4875N	1.0	24.0	28.0
323	4900N	1.0	22.0	22.0
324	4925N	1.0	24.0	36.0
325	4975N	1.0	50.0	62.0
326	5025N	1.0	21.0	29.0
327	5050N	1.0	32.0	40.0
328	5075N	1.0	27.0	34.0
329	5100N	1.0	13.0	23.0
330	5125N	1.0	16.0	18.0
331	5150N	1.0	16.0	19.0
332	5175N	1.0	18.0	20.0
333	5200N	1.0	17.0	58.0
334	5225N	1.0	16.0	38.0
335	5250N	1.0	20.0	90.0
336	5275N	1.0	15.0	38.0
337	5300N	1.0	13.0	22.0
338	5325N	1.0	18.0	23.0
339	5350N	1.0	33.0	35.0
340	5375N	1.0	30.0	54.0
341	5400N	1.0	14.0	18.0
342	4800N L 4300E	1.0	16.0	43.0
343	4825N	1.0	23.0	63.0
344	4850N	1.0	29.0	52.0
345	4875N	1.0	26.0	110.0
346	4900N	1.0	16.0	35.0
347	4925N	1.0	19.0	66.0
348	4950N	1.0	16.0	28.0
349	4975N	1.0	14.0	22.0
350	5025N	1.0	12.0	17.0

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KRAL NO.	IDENTIFICATION	AU	CU	PB
351	5050N	1.0	19.0	33.0
352	5075N	1.0	20.0	30.0
353	5100N	1.0	23.0	30.0
354	5125N	1.0	32.0	35.0
355	5150N	1.0	30.0	35.0
356	5175N	1.0	21.0	26.0
357	5200N	1.0	19.0	29.0
358	5225N	1.0	23.0	27.0
359	5250N	1.0	37.0	25.0
360	5275N	1.0	28.0	27.0
361	5300N	1.0	18.0	28.0
362	5325N	1.0	32.0	29.0
363	5350N	1.0	23.0	27.0
364	5375N	1.0	22.0	33.0
365	5400N	1.0	24.0	26.0
366	4825N L 4400E	1.0	25.0	40.0
367	4850N	1.0	21.0	55.0
368	4875N	1.0	27.0	62.0
369	4900N	1.0	21.0	51.0
370	4925N	1.0	20.0	23.0
371	4950N	1.0	28.0	33.0
372	4975N	1.0	18.0	41.0
373	5025N	1.0	23.0	31.0
374	5050N	1.0	29.0	37.0
375	5075N	1.0	36.0	41.0
376	5100N	1.0	27.0	27.0
377	5125N	1.0	21.0	32.0
378	5150N	1.0	29.0	31.0
379	5175N	1.0	39.0	90.0
380	5200N	1.0	26.0	33.0
381	5225N	1.0	24.0	24.0
382	5250N	1.0	27.0	31.0
383	5275N	1.0	35.0	29.0
384	5300N	1.0	39.0	28.0
385	5325N	1.0	23.0	30.0
386	5350N	1.0	25.0	46.0
387	5375N	1.0	40.0	52.0
388	5400N	1.0	13.0	15.0
389	4650N	1.0	13.0	24.0
390	4700N	1.0	20.0	27.0

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KRAL NO.	IDENTIFICATION	AU	CU	PB
391	4750N	1.0	21.0	38.0
392	4800N	1.0	42.0	63.0
393	4800N L 4500E	1.0	23.0	116.0
394	4825N	1.0	35.0	52.0
395	4850N	1.0	31.0	34.0
396	4875N	1.0	39.0	35.0
397	4900N	1.0	17.0	31.0
398	4925N	1.0	24.0	30.0
399	4950N	1.0	23.0	27.0
400	4975N	1.0	30.0	55.0
401	5025N	1.0	24.0	27.0
402	5050N	1.0	18.0	28.0
403	5075N	1.0	31.0	33.0
404	5100N	1.0	32.0	29.0
405	5125N	1.0	27.0	34.0
406	5150N	1.0	38.0	39.0
407	5175N	1.0	15.0	33.0
408	5200N	1.0	25.0	32.0
409	5225N	1.0	34.0	25.0
410	5250N	1.0	23.0	26.0
411	5275N	1.0	27.0	35.0
412	5300N	1.0	20.0	43.0
413	5325N	1.0	39.0	39.0
414	5350N	1.0	16.0	32.0
415	5375N	1.0	51.0	54.0
416	5400N	1.0	18.0	13.0
417	4700N L 4700E	1.0	27.0	35.0
418	4725N	1.0	19.0	27.0
419	4825N	1.0	18.0	35.0
420	4850N	1.0	14.0	21.0
421	4875N	15.0	15.0	23.0
422	4900N	1.0	16.0	16.0
423	4925N	1.0	18.0	22.0
424	4950N	1.0	17.0	24.0
425	4975N	1.0	22.0	23.0
426	5025N	1.0	22.0	26.0
427	5050N	1.0	17.0	28.0
428	5075N	1.0	20.0	24.0
429	5100N	1.0	15.0	30.0
430	5125N	1.0	16.0	16.0

KRAL NO.	IDENTIFICATION	AU	CU	PB
431	5150N	1.0	18.0	24.0
432	5175N	1.0	15.0	16.0
433	5200N	1.0	12.0	18.0
434	5225N	1.0	45.0	32.0
435	5250N	1.0	12.0	25.0
436	5275N	1.0	19.0	23.0
437	5300N	1.0	23.0	23.0
438	5325N	1.0	28.0	24.0
439	5350N	1.0	39.0	23.0
440	5375N	1.0	23.0	15.0
441	5400N	1.0	18.0	12.0
232	4450N L4800E	1.0	14.0	11.0
233	4500N	1.0	25.0	18.0
234	4550N	1.0	20.0	18.0
235	4600N	1.0	17.0	15.0
236	4650N	1.0	25.0	31.0
237	4700N	1.0	27.0	29.0
238	4750N	1.0	13.0	24.0
239	4800N	1.0	26.0	70.0
240	4825N	1.0	28.0	33.0
241	4850N	1.0	16.0	26.0
242	4875N	1.0	30.0	24.0
243	4925N	1.0	29.0	55.0
244	4950N	1.0	33.0	48.0
245	4975N	1.0	22.0	25.0
246	5025N	1.0	17.0	22.0
247	5050N	1.0	44.0	43.0
248	5075N	1.0	29.0	25.0
249	5100N	1.0	15.0	20.0
250	5125N	1.0	11.0	22.0
251	5150N	1.0	16.0	28.0
252	5175N	1.0	13.0	30.0
253	5200N	1.0	17.0	22.0
254	5225N	1.0	13.0	15.0
255	5250N	1.0	32.0	24.0
256	5275N	1.0	18.0	20.0
257	5300N	1.0	44.0	22.0
258	5325N	1.0	13.0	17.0
259	5350N	1.0	24.0	18.0
260	5375N	1.0	35.0	21.0

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KRAL NO.	IDENTIFICATION	AU	CU	PB
261	5400N	1.0	28.0	18.0
262	4800N L4900E	1.0	11.0	13.0
263	4825N	1.0	41.0	25.0
264	4850N	1.0	15.0	23.0
265	4875N	1.0	18.0	24.0
266	4900N	1.0	28.0	43.0
267	4925N	1.0	45.0	120.0
268	4950N	1.0	37.0	42.0
269	4975N	1.0	21.0	27.0
270	5025N	1.0	15.0	18.0
271	5050N	1.0	20.0	23.0
272	5075N	1.0	36.0	26.0
273	5100N	1.0	46.0	31.0
274	5125N	1.0	34.0	28.0
275	5150N	1.0	40.0	28.0
276	5175N	1.0	21.0	25.0
277	5200N	1.0	15.0	24.0
278	5225N	1.0	16.0	21.0
279	5250N	1.0	13.0	17.0
280	5275N	1.0	16.0	20.0
281	5300N	1.0	17.0	19.0
282	5325N	1.0	15.0	12.0
283	5350N	1.0	16.0	15.0
284	5375N	1.0	10.0	15.0
285	5400N	1.0	19.0	19.0
286	5425N	1.0	19.0	21.0
287	5450N	1.0	9.0	7.0
288	5500N	1.0	16.0	19.0
289	4400N L5000E	1.0	21.0	24.0
290	4450N	1.0	29.0	31.0
291	4500N	1.0	27.0	26.0
292	4550N	1.0	41.0	33.0
293	4600N	1.0	30.0	29.0
294	4650N	1.0	18.0	24.0
295	4700N	1.0	8.0	18.0
296	4750N	1.0	20.0	30.0
297	4800N	1.0	24.0	30.0
298	4825N	1.0	23.0	24.0
299	4850N	1.0	22.0	27.0
300	4875N	1.0	22.0	27.0

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301	4900N	1.0	18.0	18.0
302	4925N	1.0	22.0	22.0
303	4950N	1.0	12.0	18.0
304	4975N	1.0	20.0	19.0
305	5025N	1.0	7.0	15.0
306	5050N	1.0	16.0	23.0
307	5075N	1.0	12.0	36.0
308	5100N	1.0	24.0	28.0
309	5125N	1.0	13.0	23.0
310	5150N	1.0	16.0	18.0
311	5175N	1.0	26.0	22.0
312	5200N	1.0	9.0	18.0
313	5225N	1.0	13.0	23.0
314	5250N	1.0	10.0	13.0
315	5275N	1.0	22.0	29.0
316	5300N	1.0	20.0	28.0
317	5325N	1.0	29.0	26.0
318	5350N	1.0	13.0	26.0
319	5375N	1.0	14.0	37.0
320	5425N	1.0	31.0	28.0
321	5450N	1.0	34.0	42.0
322	5500N	1.0	29.0	9.0
323	4800N L5100E	1.0	30.0	29.0
324	4825N	1.0	24.0	24.0
325	4850N	1.0	54.0	47.0
326	4875N	1.0	24.0	37.0
327	4900N	1.0	24.0	20.0
328	4925N	1.0	14.0	20.0
329	4950N	1.0	12.0	15.0
330	4975N	1.0	21.0	21.0
331	5025N	1.0	11.0	19.0
332	5050N	1.0	13.0	24.0
333	5075N	1.0	22.0	48.0
334	5100N	1.0	24.0	33.0
335	5125N	1.0	15.0	24.0
336	5150N	1.0	16.0	25.0
337	5175N	1.0	12.0	28.0
338	5200N	1.0	19.0	30.0
339	5225N	1.0	53.0	24.0
340	5250N	1.0	33.0	30.0

KRAL NO.	IDENTIFICATION	AU	CU	PB
341	5275N	1.0	29.0	33.0

342	5300N	1.0	16.0	15.0
343	5325N	1.0	18.0	15.0
344	5350N	1.0	27.0	23.0
345	5375N	1.0	29.0	38.0
346	5400N	1.0	20.0	43.0
347	5425N	1.0	12.0	23.0
348	5450N	1.0	13.0	17.0
349	5475N	1.0	11.0	10.0
350	5500N	1.0	16.0	16.0
351	4350N L5200E	1.0	12.0	7.0
352	4400N	1.0	19.0	19.0
353	4450N	1.0	11.0	9.0
354	4500N	1.0	19.0	28.0
355	4550N	1.0	18.0	22.0
356	4600N	1.0	20.0	16.0
357	4650N	1.0	45.0	36.0
358	4700N	1.0	20.0	30.0
359	4750N	1.0	20.0	26.0
360	4800N	1.0	19.0	27.0
361	4850N	10.0	42.0	29.0
362	4900N	1.0	27.0	28.0
363	4950N	1.0	22.0	29.0
364	5000N	1.0	12.0	26.0
365	5025N	1.0	15.0	21.0
366	5050N	1.0	18.0	30.0
367	5075N	1.0	13.0	24.0
368	5100N	1.0	11.0	22.0
369	5125N	1.0	14.0	19.0
370	5150N	1.0	20.0	24.0
371	5175N	1.0	21.0	26.0
372	5200N	1.0	17.0	22.0
373	5225N	1.0	15.0	20.0
374	5250N	1.0	16.0	24.0
375	5275N	1.0	9.0	9.0
376	5300N	1.0	15.0	10.0
377	5325N	1.0	11.0	7.0
378	5350N	1.0	14.0	12.0
379	5375N	1.0	10.0	10.0
380	5400N	1.0	15.0	22.0

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KRAL NO.	IDENTIFICATION	AU	CU	PB
381	5425N	1.0	8.0	15.0
382	5450N	1.0	11.0	12.0
383	5475N	[illegible]	[illegible]	[illegible]

384	4450N	L5400E	1.0	10.0	6.0
385	4500N		1.0	8.0	8.0
386	4550N		1.0	9.0	8.0
387	4600N		1.0	12.0	16.0
388	4650N		1.0	12.0	18.0
389	4700N		1.0	16.0	18.0
390	4800N		1.0	16.0	20.0
391	4850N		1.0	9.0	16.0
392	4900N		1.0	24.0	21.0
393	4950N		1.0	40.0	25.0
394	4650N	L5600E	1.0	12.0	6.0
395	4700N		1.0	9.0	5.0
396	4750N		1.0	8.0	5.0
397	4800N		1.0	7.0	6.0
398	4850N		1.0	19.0	19.0
399	4900N		1.0	14.0	14.0
400	4950N		1.0	24.0	17.0
401	4550N	L5800E	1.0	11.0	6.0
402	4600N		1.0	12.0	5.0
403	4650N		1.0	13.0	9.0
404	470N		1.0	16.0	14.0
405	4750N		1.0	18.0	18.0
406	4800N		1.0	18.0	12.0
407	4850N		1.0	11.0	14.0
408	4900N		150.0	11.0	21.0
409	4950N		1.0	12.0	22.0
410	4500N	L6000E	1.0	22.0	19.0
411	4550N		1.0	19.0	17.0
412	4600N		1.0	15.0	14.0
413	4650N		1.0	10.0	12.0
414	4700N		1.0	10.0	10.0
415	4750N		1.0	20.0	21.0
416	4800N		1.0	11.0	11.0
417	4850N		1.0	13.0	10.0
418	4900N		1.0	27.0	23.0
419	4950N		1.0	15.0	14.0

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CUMULATIVE FREQUENCY PLOT

AMEX EXPLORATIONS LTD
BOX 286
KAMLOOPS BC
V2C 5K6

DATE 12/17/84
ANALYST RJL
FILE NO. G-1261

CUMULATIVE FREQUENCY PLOT FOR CU USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
4.00--	4.74	1	0.2	100.0
4.74--	5.61	0	0.0	99.8
5.61--	6.64	2	0.3	99.8
6.64--	7.86	2	0.3	99.5
7.86--	9.30	16	2.5	99.2
9.30--	11.01	41	6.5	96.7
11.01--	13.04	61	9.7	90.1
13.04--	15.44	61	9.7	80.4
15.44--	18.27	111	17.6	70.7
18.27--	21.63	82	13.0	53.1
21.63--	25.61	84	13.4	40.1
25.61--	30.32	70	11.1	26.7
30.32--	35.90	37	5.9	15.6
35.90--	42.50	32	5.1	9.7
42.50--	50.31	18	2.9	4.6
50.31--	59.56	7	1.1	1.7
59.56--	70.51	2	0.3	0.6
70.51--	83.48	0	0.0	0.3
83.48--	98.83	1	0.2	0.3
98.83--	117.00	1	0.2	0.2

MEAN 21.6

STD. DEV. 10.8

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CUMULATIVE FREQUENCY PLOT

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ANALYST RJL
FILE NO. G-1261

CUMULATIVE FREQUENCY PLOT FOR PB USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
2.00--	2.53	2	0.3	100.0
2.53--	3.21	1	0.2	99.7
3.21--	4.06	2	0.3	99.5
4.06--	5.15	4	0.6	99.2
5.15--	6.52	12	1.9	98.6
6.52--	8.26	34	5.4	96.7
8.26--	10.46	48	7.6	91.3
10.46--	13.25	79	12.6	83.6
13.25--	16.78	90	14.3	71.1
16.78--	21.26	102	16.2	56.8
21.26--	26.93	101	16.1	40.5
26.93--	34.11	93	14.8	24.5
34.11--	43.20	34	5.4	9.7
43.20--	54.72	11	1.7	4.3
54.72--	69.32	9	1.4	2.5
69.32--	87.80	1	0.2	1.1
87.80--	111.21	3	0.5	1.0
111.21--	140.86	2	0.3	0.5
140.86--	178.42	0	0.0	0.2
178.42--	226.00	1	0.2	0.2

MEAN 21.4

STD. DEV. 15.3

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CUMULATIVE FREQUENCY PLOT

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CUMULATIVE FREQUENCY PLOT FOR ZN USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
9.00--	10.92	1	0.2	100.0
10.92--	13.24	0	0.0	99.8
13.24--	16.06	1	0.2	99.8
16.06--	19.48	0	0.0	99.7
19.48--	23.63	2	0.3	99.7
23.63--	28.67	1	0.2	99.4
28.67--	34.77	2	0.3	99.2
34.77--	42.18	22	3.5	98.9
42.18--	51.17	32	5.1	95.4
51.17--	62.06	89	14.1	90.3
62.06--	75.28	133	21.1	76.2
75.28--	91.32	133	21.1	55.0
91.32--	110.77	94	14.9	33.9
110.77--	134.36	63	10.0	18.9
134.36--	162.98	26	4.1	8.9
162.98--	197.70	13	2.1	4.8
197.70--	239.81	6	1.0	2.7
239.81--	290.89	6	1.0	1.7
290.89--	352.84	4	0.6	0.8
352.84--	428.00	1	0.2	0.2

MEAN 88.2

STD. DEV. 43.1

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CUMULATIVE FREQUENCY PLOT

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FILE NO. G-1261

CUMULATIVE FREQUENCY PLOT FOR AS USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
3.00--	3.45	604	96.0	100.0
3.45--	3.97	0	0.0	4.0
3.97--	4.58	0	0.0	4.0
4.58--	5.27	2	0.3	4.0
5.27--	6.06	0	0.0	3.7
6.06--	6.98	0	0.0	3.7
6.98--	8.03	0	0.0	3.7
8.03--	9.24	0	0.0	3.7
9.24--	10.64	13	2.1	3.7
10.64--	12.25	0	0.0	1.6
12.25--	14.10	0	0.0	1.6
14.10--	16.23	7	1.1	1.6
16.23--	18.68	0	0.0	0.5
18.68--	21.50	0	0.0	0.5
21.50--	24.75	0	0.0	0.5
24.75--	28.48	0	0.0	0.5
28.48--	32.79	1	0.2	0.5
32.79--	37.74	1	0.2	0.3
37.74--	43.44	0	0.0	0.2
43.44--	50.00	1	0.2	0.2

MEAN 3.7

STD. DEV. 2.9

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CUMULATIVE FREQUENCY PLOT

AMEX EXPLORATIONS LTD
BOX 286
KAMLOOPS BC
V2C 5K6

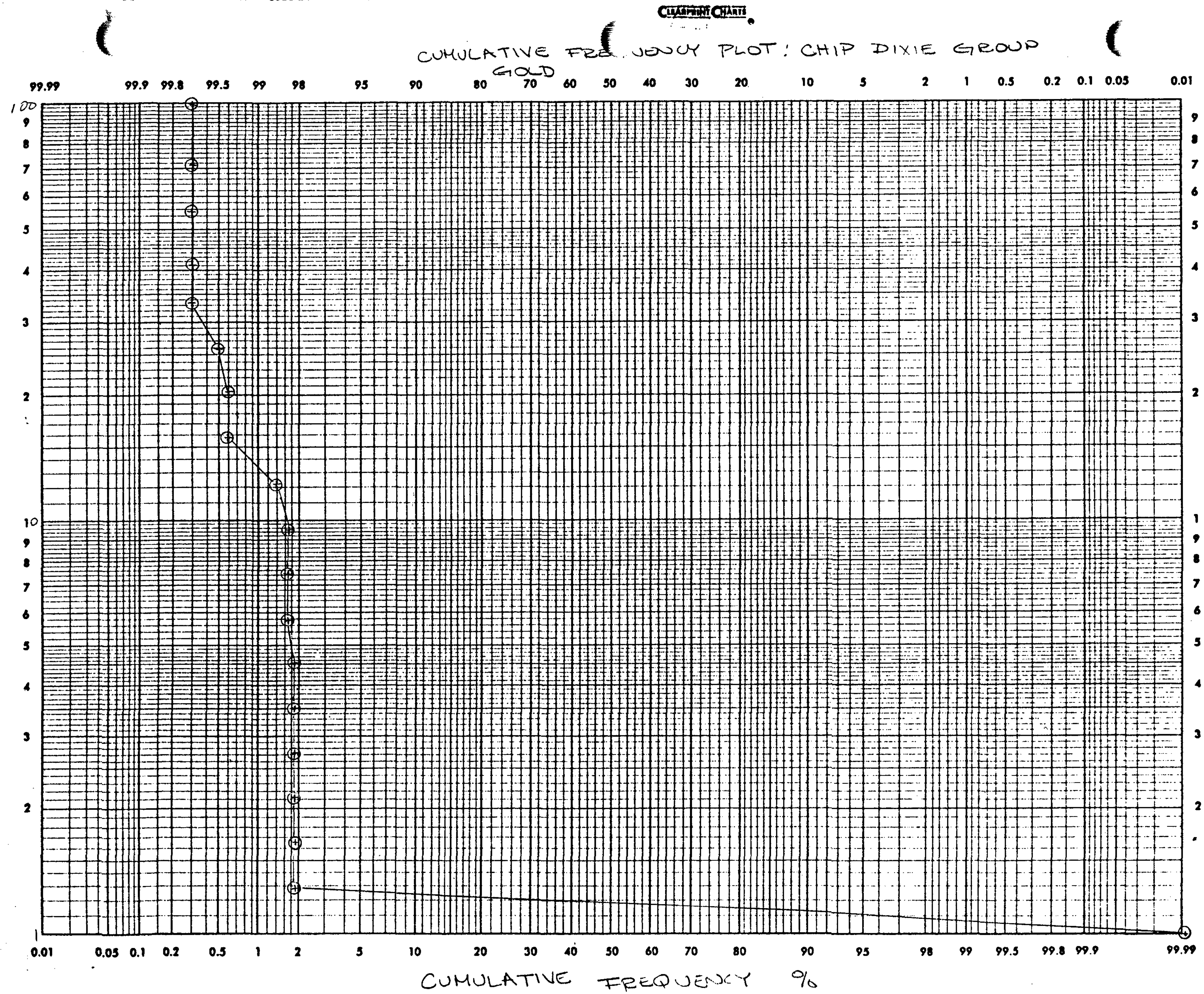
DATE 12/17/84
ANALYST RJL
FILE NO. G-1261

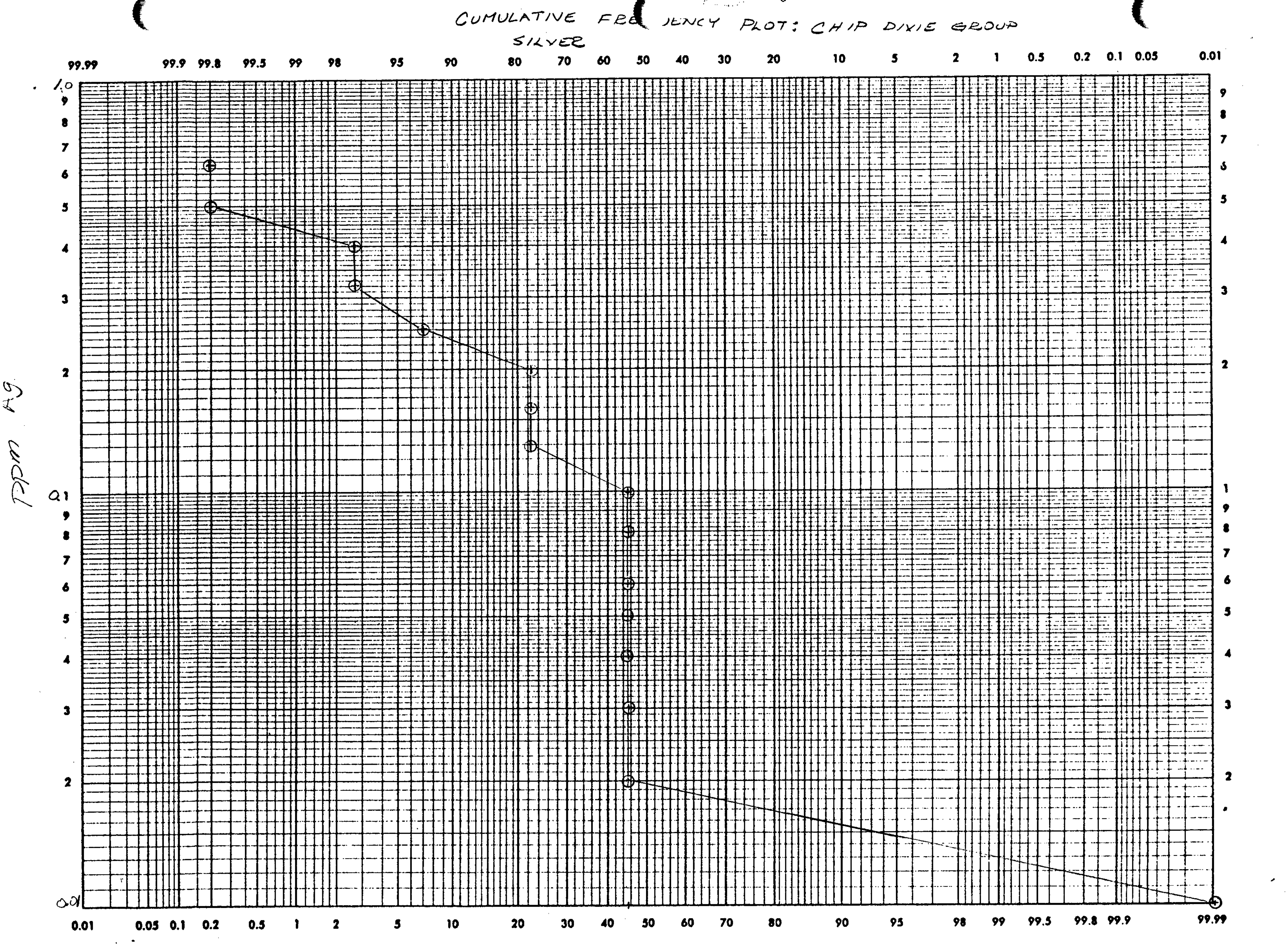
CUMULATIVE FREQUENCY PLOT FOR AS USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
3.00--	3.45	604	96.0	100.0
3.45--	3.97	0	0.0	4.0
3.97--	4.58	0	0.0	4.0
4.58--	5.27	2	0.3	4.0
5.27--	6.06	0	0.0	3.7
6.06--	6.98	0	0.0	3.7
6.98--	8.03	0	0.0	3.7
8.03--	9.24	0	0.0	3.7
9.24--	10.64	13	2.1	3.7
10.64--	12.25	0	0.0	1.6
12.25--	14.10	0	0.0	1.6
14.10--	16.23	7	1.1	1.6
16.23--	18.68	0	0.0	0.5
18.68--	21.50	0	0.0	0.5
21.50--	24.75	0	0.0	0.5
24.75--	28.48	0	0.0	0.5
28.48--	32.79	1	0.2	0.5
32.79--	37.74	1	0.2	0.3
37.74--	43.44	0	0.0	0.2
43.44--	50.00	1	0.2	0.2

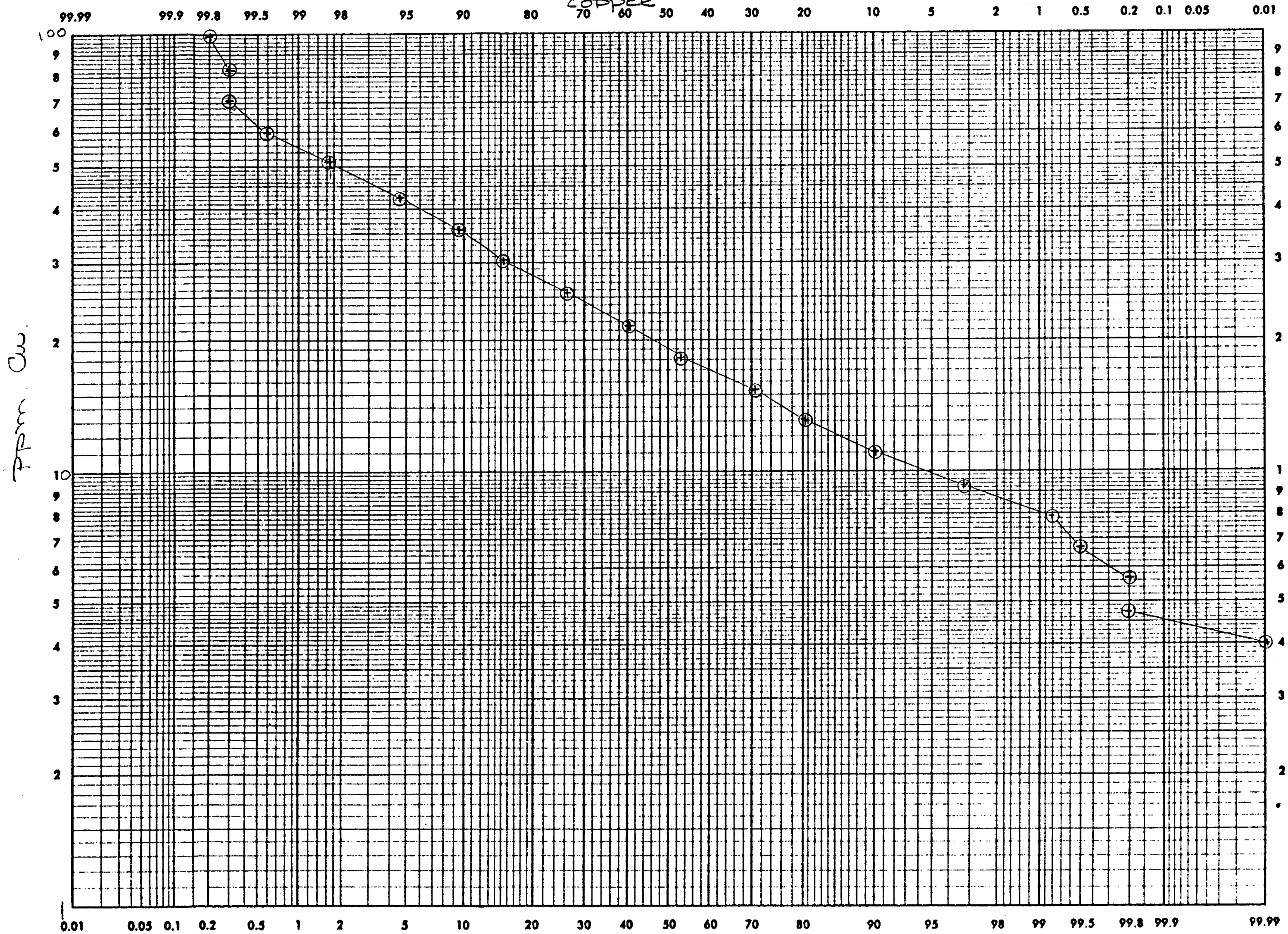
MEAN 3.7

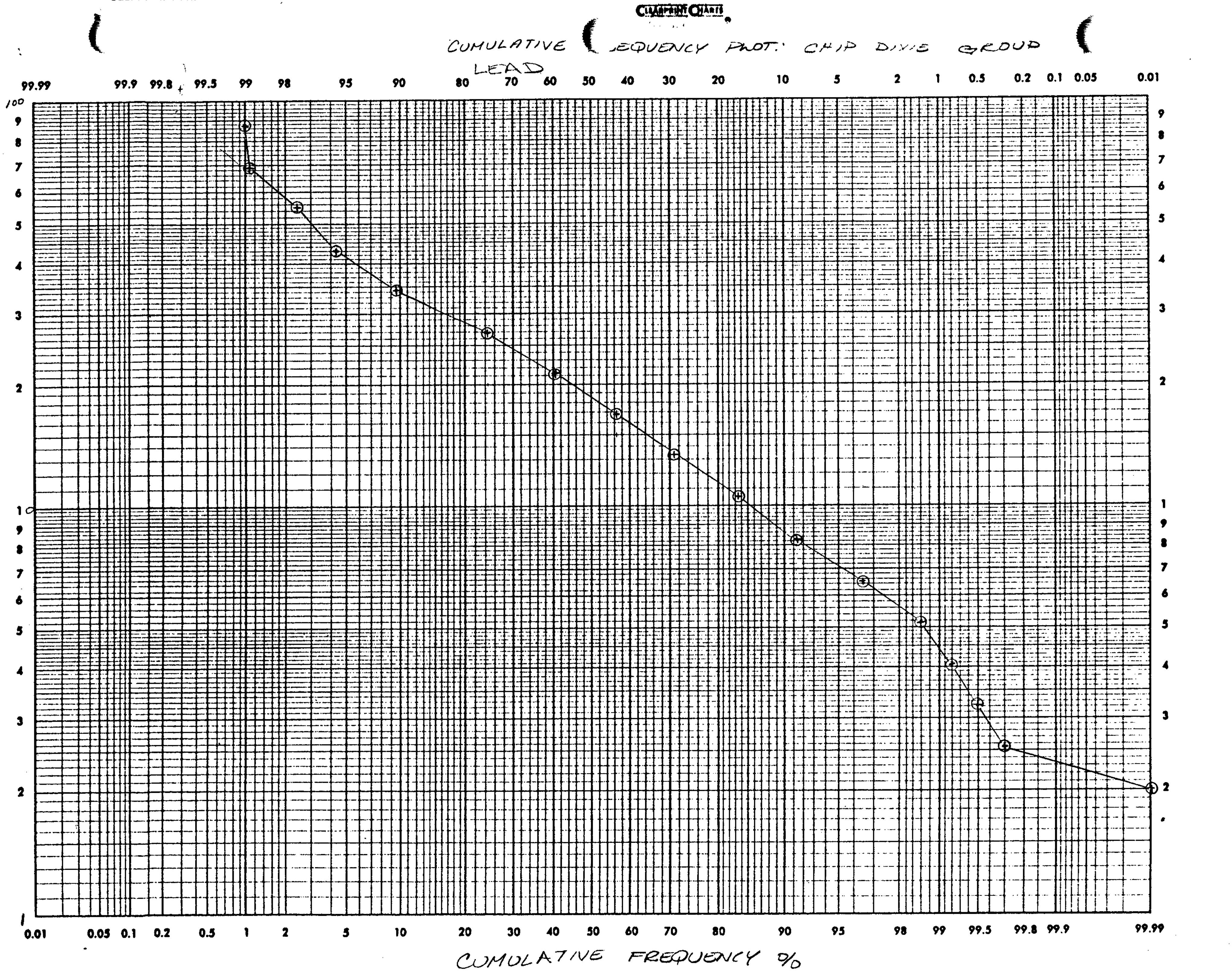
STD. DEV. 2.9


CLEARPRINT CHARTS
CUMULATIVE FREQUENCY PLOT: CHIP DIXIE GROUP
GOLD
99.99 99.9 99.8 99.5 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
ppb Au
100 9 8 7 6 5 4 3 2 10 9 8 7 6 5 4 3 2 1
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.5 99.8 99.9 99.99
CUMULATIVE FREQUENCY %

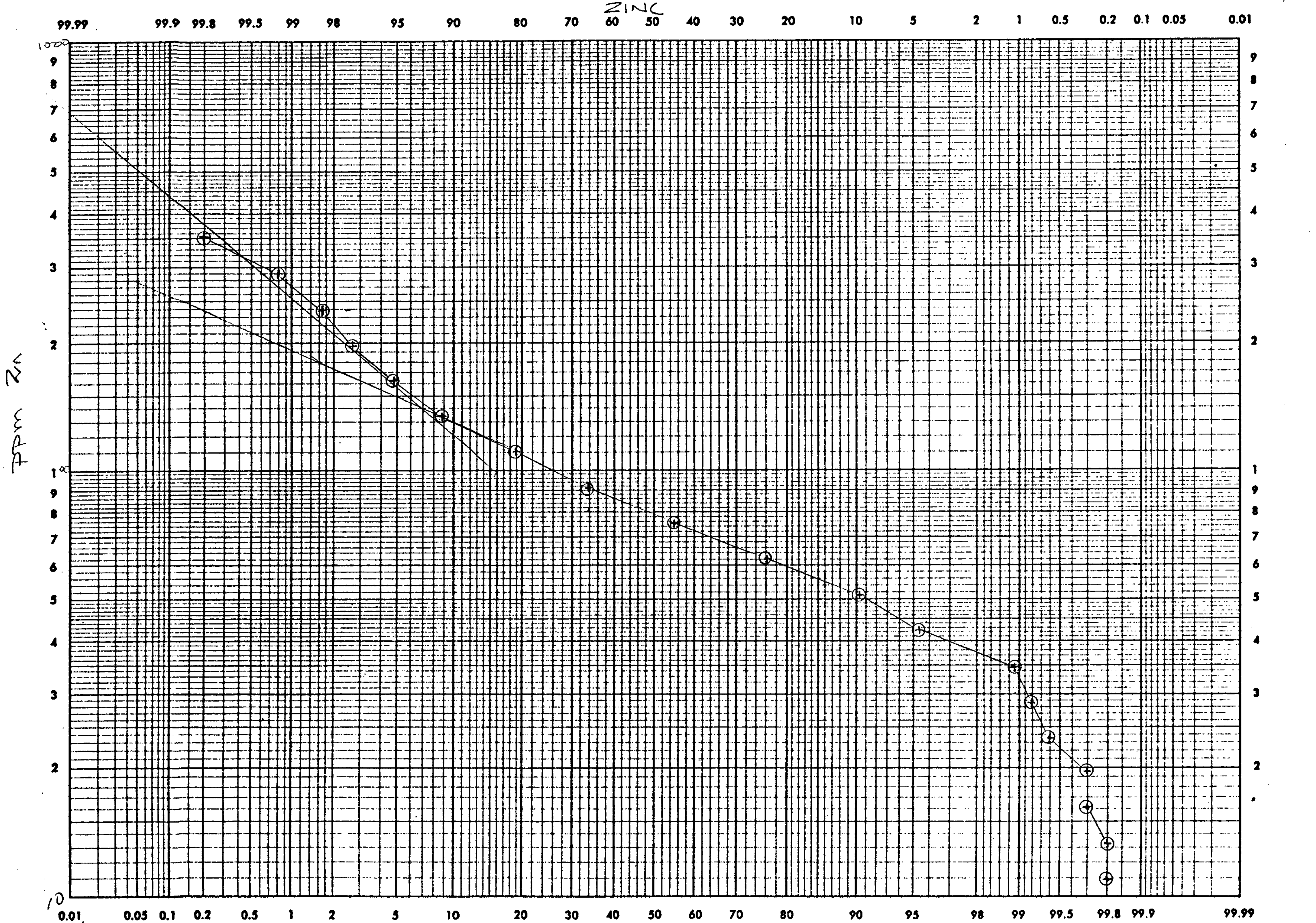

CUMULATIVE FREQUENCY PLOT: CHIP DIXIE GROUP
SILVER
ppm Ag
99.99 99.9 99.8 99.5 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.5 99.8 99.9 99.99
1.0
0.1
0.01

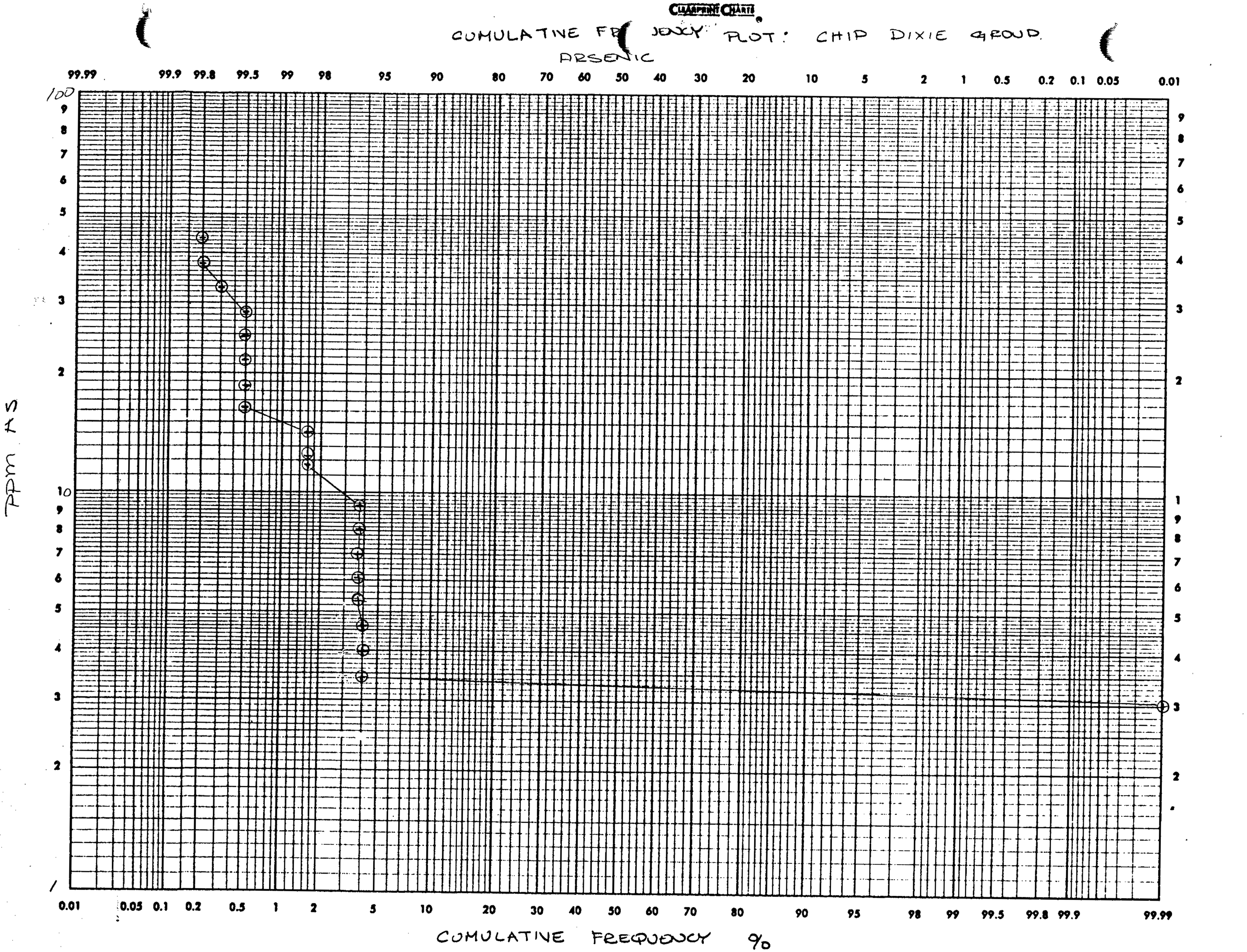
CUMULATIVE FREQUENCY PLOT: CHIP-DIXIE GRID
COPPER




CUMULATIVE FREQUENCY PLOT: CHIP DIXIE GROUP
LEAD
PPM Pb
CUMULATIVE FREQUENCY %

CUMULATIVE FREQUENCY PLOT: CHIP DIXIE GRO
ZINC




CLEARPRINT CHARTS
CUMULATIVE FREQUENCY PLOT: CHIP DIXIE GROUP
ARSENIC
PPM AS
CUMULATIVE FREQUENCY %

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1261

KRAL NO.	IDENTIFICATION	AU	CU	PB
311	4925N	1.0	38.0	40.0
312	4950N	1.0	25.0	29.0
313	4975N	1.0	25.0	30.0
314	4650N L 4200E	1.0	12.0	14.0
315	4700N	1.0	25.0	26.0
316	4725N	1.0	15.0	15.0
317	4750N	1.0	16.0	19.0
318	4775N	1.0	26.0	31.0
319	4800N	1.0	19.0	20.0
320	4825N	1.0	35.0	33.0
321	4850N	1.0	53.0	24.0
322	4875N	1.0	24.0	28.0
323	4900N	1.0	22.0	22.0
324	4925N	1.0	24.0	36.0
325	4975N	1.0	50.0	62.0
326	5025N	1.0	21.0	29.0
327	5050N	1.0	32.0	40.0
328	5075N	1.0	27.0	34.0
329	5100N	1.0	13.0	23.0
330	5125N	1.0	16.0	18.0
331	5150N	1.0	16.0	19.0
332	5175N	1.0	18.0	20.0
333	5200N	1.0	17.0	58.0
334	5225N	1.0	16.0	38.0
335	5250N	1.0	20.0	90.0
336	5275N	1.0	15.0	38.0
337	5300N	1.0	13.0	22.0
338	5325N	1.0	18.0	23.0
339	5350N	1.0	33.0	35.0
340	5375N	1.0	30.0	54.0
341	5400N	1.0	14.0	18.0
342	4800N L 4300E	1.0	16.0	43.0
343	4825N	1.0	23.0	63.0
344	4850N	1.0	29.0	52.0
345	4875N	1.0	26.0	110.0
346	4900N	1.0	16.0	35.0
347	4925N	1.0	19.0	66.0
348	4950N	1.0	16.0	28.0
349	4975N	1.0	14.0	22.0
350	5025N	1.0	12.0	17.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1261

KRAL NO.	IDENTIFICATION	AU	CU	PB
351	5050N	1.0	19.0	33.0
352	5075N	1.0	20.0	30.0
353	5100N	1.0	23.0	30.0
354	5125N	1.0	32.0	35.0
355	5150N	1.0	30.0	35.0
356	5175N	1.0	21.0	26.0
357	5200N	1.0	19.0	29.0
358	5225N	1.0	23.0	27.0
359	5250N	1.0	37.0	25.0
360	5275N	1.0	28.0	27.0
361	5300N	1.0	18.0	28.0
362	5325N	1.0	32.0	29.0
363	5350N	1.0	23.0	27.0
364	5375N	1.0	22.0	33.0
365	5400N	1.0	24.0	26.0
366	4825N L 4400E	1.0	25.0	40.0
367	4850N	1.0	21.0	55.0
368	4875N	1.0	27.0	62.0
369	4900N	1.0	21.0	51.0
370	4925N	1.0	20.0	23.0
371	4950N	1.0	28.0	33.0
372	4975N	1.0	18.0	41.0
373	5025N	1.0	23.0	31.0
374	5050N	1.0	29.0	37.0
375	5075N	1.0	36.0	41.0
376	5100N	1.0	27.0	27.0
377	5125N	1.0	21.0	32.0
378	5150N	1.0	29.0	31.0
379	5175N	1.0	39.0	90.0
380	5200N	1.0	26.0	33.0
381	5225N	1.0	24.0	24.0
382	5250N	1.0	27.0	31.0
383	5275N	1.0	35.0	29.0
384	5300N	1.0	39.0	28.0
385	5325N	1.0	23.0	30.0
386	5350N	1.0	25.0	46.0
387	5375N	1.0	40.0	52.0
388	5400N	1.0	13.0	15.0
389	4650N	1.0	13.0	24.0
390	4700N	1.0	20.0	27.0

KRAL NO.	IDENTIFICATION	AU	CU	PB
431	5150N	1.0	18.0	24.0
432	5175N	1.0	15.0	16.0
433	5200N	1.0	12.0	18.0
434	5225N	1.0	45.0	32.0
435	5250N	1.0	12.0	25.0
436	5275N	1.0	19.0	23.0
437	5300N	1.0	23.0	23.0
438	5325N	1.0	28.0	24.0
439	5350N	1.0	39.0	23.0
440	5375N	1.0	23.0	15.0
441	5400N	1.0	18.0	12.0
232	4450N L4800E	1.0	14.0	11.0
233	4500N	1.0	25.0	18.0
234	4550N	1.0	20.0	18.0
235	4600N	1.0	17.0	15.0
236	4650N	1.0	25.0	31.0
237	4700N	1.0	27.0	29.0
238	4750N	1.0	13.0	24.0
239	4800N	1.0	26.0	70.0
240	4825N	1.0	28.0	33.0
241	4850N	1.0	16.0	26.0
242	4875N	1.0	30.0	24.0
243	4925N	1.0	29.0	55.0
244	4950N	1.0	33.0	48.0
245	4975N	1.0	22.0	25.0
246	5025N	1.0	17.0	22.0
247	5050N	1.0	44.0	43.0
248	5075N	1.0	29.0	25.0
249	5100N	1.0	15.0	20.0
250	5125N	1.0	11.0	22.0
251	5150N	1.0	16.0	28.0
252	5175N	1.0	13.0	30.0
253	5200N	1.0	17.0	22.0
254	5225N	1.0	13.0	15.0
255	5250N	1.0	32.0	24.0
256	5275N	1.0	18.0	20.0
257	5300N	1.0	44.0	22.0
258	5325N	1.0	13.0	17.0
259	5350N	1.0	24.0	18.0
260	5375N	1.0	35.0	21.0

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KRAL NO. IDENTIFICATION AU CU PB

KRAL NO.	IDENTIFICATION	AU	CU	PB
391	4750N	1.0	21.0	38.0
392	4800N	1.0	42.0	63.0
393	4800N L 4500E	1.0	23.0	116.0
394	4825N	1.0	35.0	52.0
395	4850N	1.0	31.0	34.0
396	4875N	1.0	39.0	35.0
397	4900N	1.0	17.0	31.0
398	4925N	1.0	24.0	30.0
399	4950N	1.0	23.0	27.0
400	4975N	1.0	30.0	55.0
401	5025N	1.0	24.0	27.0
402	5050N	1.0	18.0	28.0
403	5075N	1.0	31.0	33.0
404	5100N	1.0	32.0	29.0
405	5125N	1.0	27.0	34.0
406	5150N	1.0	38.0	39.0
407	5175N	1.0	15.0	33.0
408	5200N	1.0	25.0	32.0
409	5225N	1.0	34.0	25.0
410	5250N	1.0	23.0	26.0
411	5275N	1.0	27.0	35.0
412	5300N	1.0	20.0	43.0
413	5325N	1.0	39.0	39.0
414	5350N	1.0	16.0	32.0
415	5375N	1.0	51.0	54.0
416	5400N	1.0	18.0	13.0
417	4700N L 4700E	1.0	27.0	35.0
418	4725N	1.0	19.0	27.0
419	4825N	1.0	18.0	35.0
420	4850N	1.0	14.0	21.0
421	4875N	15.0	15.0	23.0
422	4900N	1.0	16.0	16.0
423	4925N	1.0	18.0	22.0
424	4950N	1.0	17.0	24.0
425	4975N	1.0	22.0	23.0
426	5025N	1.0	22.0	26.0
427	5050N	1.0	17.0	28.0
428	5075N	1.0	20.0	24.0
429	5100N	1.0	15.0	30.0
430	5125N	1.0	16.0	16.0

KRAL NO.	IDENTIFICATION	AU	CU	PB
261	5400N	1.0	28.0	18.0
262	4800N L4900E	1.0	11.0	13.0
263	4825N	1.0	41.0	25.0
264	4850N	1.0	15.0	23.0
265	4875N	1.0	18.0	24.0
266	4900N	1.0	28.0	43.0
267	4925N	1.0	45.0	120.0
268	4950N	1.0	37.0	42.0
269	4975N	1.0	21.0	27.0
270	5025N	1.0	15.0	18.0
271	5050N	1.0	20.0	23.0
272	5075N	1.0	36.0	26.0
273	5100N	1.0	46.0	31.0
274	5125N	1.0	34.0	28.0
275	5150N	1.0	40.0	28.0
276	5175N	1.0	21.0	25.0
277	5200N	1.0	15.0	24.0
278	5225N	1.0	16.0	21.0
279	5250N	1.0	13.0	17.0
280	5275N	1.0	16.0	20.0
281	5300N	1.0	17.0	19.0
282	5325N	1.0	15.0	12.0
283	5350N	1.0	16.0	15.0
284	5375N	1.0	10.0	15.0
285	5400N	1.0	19.0	19.0
286	5425N	1.0	19.0	21.0
287	5450N	1.0	9.0	7.0
288	5500N	1.0	16.0	19.0
289	4400N L5000E	1.0	21.0	24.0
290	4450N	1.0	29.0	31.0
291	4500N	1.0	27.0	26.0
292	4550N	1.0	41.0	33.0
293	4600N	1.0	30.0	29.0
294	4650N	1.0	18.0	24.0
295	4700N	1.0	8.0	18.0
296	4750N	1.0	20.0	30.0
297	4800N	1.0	24.0	30.0
298	4825N	1.0	23.0	24.0
299	4850N	1.0	22.0	27.0
300	4875N	1.0	22.0	27.0

301	4900N	1.0	18.0	18.0
302	4925N	1.0	22.0	22.0
303	4950N	1.0	12.0	18.0
304	4975N	1.0	20.0	19.0
305	5025N	1.0	7.0	15.0
306	5050N	1.0	16.0	23.0
307	5075N	1.0	12.0	36.0
308	5100N	1.0	24.0	28.0
309	5125N	1.0	13.0	23.0
310	5150N	1.0	16.0	18.0
311	5175N	1.0	26.0	22.0
312	5200N	1.0	9.0	18.0
313	5225N	1.0	13.0	23.0
314	5250N	1.0	10.0	13.0
315	5275N	1.0	22.0	29.0
316	5300N	1.0	20.0	28.0
317	5325N	1.0	29.0	26.0
318	5350N	1.0	13.0	26.0
319	5375N	1.0	14.0	37.0
320	5425N	1.0	31.0	28.0
321	5450N	1.0	34.0	42.0
322	5500N	1.0	29.0	9.0
323	4800N L5100E	1.0	30.0	29.0
324	4825N	1.0	24.0	24.0
325	4850N	1.0	54.0	47.0
326	4875N	1.0	24.0	37.0
327	4900N	1.0	24.0	20.0
328	4925N	1.0	14.0	20.0
329	4950N	1.0	12.0	15.0
330	4975N	1.0	21.0	21.0
331	5025N	1.0	11.0	19.0
332	5050N	1.0	13.0	24.0
333	5075N	1.0	22.0	48.0
334	5100N	1.0	24.0	33.0
335	5125N	1.0	15.0	24.0
336	5150N	1.0	16.0	25.0
337	5175N	1.0	12.0	28.0
338	5200N	1.0	19.0	30.0
339	5225N	1.0	53.0	24.0
340	5250N	1.0	33.0	30.0

KRAL NO.	IDENTIFICATION	AU	CU	PB
341	5275N	1.0	29.0	33.0

342	5300N	1.0	16.0	15.0
343	5325N	1.0	18.0	15.0
344	5350N	1.0	27.0	23.0
345	5375N	1.0	29.0	38.0
346	5400N	1.0	20.0	43.0
347	5425N	1.0	12.0	23.0
348	5450N	1.0	13.0	17.0
349	5475N	1.0	11.0	10.0
350	5500N	1.0	16.0	16.0
351	4350N L5200E	1.0	12.0	7.0
352	4400N	1.0	19.0	19.0
353	4450N	1.0	11.0	9.0
354	4500N	1.0	19.0	28.0
355	4550N	1.0	18.0	22.0
356	4600N	1.0	20.0	16.0
357	4650N	1.0	45.0	36.0
358	4700N	1.0	20.0	30.0
359	4750N	1.0	20.0	26.0
360	4800N	1.0	19.0	27.0
361	4850N	10.0	42.0	29.0
362	4900N	1.0	27.0	28.0
363	4950N	1.0	22.0	29.0
364	5000N	1.0	12.0	26.0
365	5025N	1.0	15.0	21.0
366	5050N	1.0	18.0	30.0
367	5075N	1.0	13.0	24.0
368	5100N	1.0	11.0	22.0
369	5125N	1.0	14.0	19.0
370	5150N	1.0	20.0	24.0
371	5175N	1.0	21.0	26.0
372	5200N	1.0	17.0	22.0
373	5225N	1.0	15.0	20.0
374	5250N	1.0	16.0	24.0
375	5275N	1.0	9.0	9.0
376	5300N	1.0	15.0	10.0
377	5325N	1.0	11.0	7.0
378	5350N	1.0	14.0	12.0
379	5375N	1.0	10.0	10.0
380	5400N	1.0	15.0	22.0

KRAL NO.	IDENTIFICATION	AU	CU	PB
381	5425N	1.0	8.0	15.0
382	5450N	1.0	11.0	12.0
383	5475N	1.0	8.0	9.0

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KRAL NO.	IDENTIFICATION	ZN	AG	AS
311	4925N	89.0	0.0	3.0
312	4950N	168.0	0.2	3.0
313	4975N	99.0	0.1	3.0
314	4650N L4200E	76.0	0.0	3.0
315	4700N	67.0	0.0	3.0
316	4725N	119.0	0.0	3.0
317	4750N	99.0	0.0	3.0
318	4775N	101.0	0.0	3.0
319	4800N	75.0	0.0	3.0
320	4825N	76.0	0.0	3.0
321	4850N	343.0	0.0	3.0
322	4875N	81.0	0.0	3.0
323	4900N	92.0	0.0	3.0
324	4925N	50.0	0.0	10.0
325	4975N	112.0	0.3	50.0
326	5025N	332.0	0.0	10.0
327	5050N	126.0	0.1	30.0
328	5075N	173.0	0.0	15.0
329	5100N	166.0	0.0	3.0
330	5125N	242.0	0.1	3.0
331	5150N	100.0	0.1	3.0
332	5175N	105.0	0.2	3.0
333	5200N	163.0	0.1	3.0
334	5225N	161.0	0.1	3.0
335	5250N	302.0	0.0	3.0
336	5275N	161.0	0.0	3.0
337	5300N	100.0	0.0	3.0
338	5325N	113.0	0.0	3.0
339	5350N	82.0	0.0	3.0
340	5375N	85.0	0.0	3.0
341	5400N	87.0	0.0	3.0
342	4800N L4300E	96.0	0.0	3.0
343	4825N	271.0	0.0	3.0
344	4850N	135.0	0.0	3.0
345	4875N	78.0	0.0	3.0
346	4900N	256.0	0.0	3.0
347	4925N	428.0	0.0	15.0
348	4950N	224.0	0.2	3.0
349	4975N	132.0	0.0	3.0
350	5025N	131.0	0.1	3.0

KRAL NO.	IDENTIFICATION	ZN	AG	AS
351	5050N	73.0	0.0	3.0
352	5075N	90.0	0.1	3.0
353	5100N	69.0	0.1	3.0
354	5125N	91.0	0.0	3.0
355	5150N	93.0	0.1	3.0
356	5175N	60.0	0.1	3.0
357	5200N	58.0	0.0	3.0
358	5225N	65.0	0.0	3.0
359	5250N	59.0	0.0	3.0
360	5275N	110.0	0.0	3.0
361	5300N	66.0	0.0	3.0
362	5325N	102.0	0.1	3.0
363	5350N	70.0	0.1	3.0
364	5375N	83.0	0.0	3.0
365	5400N	42.0	0.0	3.0
366	4825N L4400E	145.0	0.1	3.0
367	4850N	201.0	0.1	3.0
368	4875N	181.0	0.1	3.0
369	4900N	238.0	0.1	3.0
370	4925N	132.0	0.0	3.0
371	4950N	96.0	0.0	3.0
372	4975N	80.0	0.0	3.0
373	5025N	89.0	0.1	3.0
374	5050N	100.0	0.0	3.0
375	5075N	88.0	0.1	3.0
376	5100N	97.0	0.1	3.0
377	5125N	98.0	0.0	3.0
378	5150N	73.0	0.0	3.0
379	5175N	95.0	0.0	3.0
380	5200N	55.0	0.1	3.0
381	5225N	94.0	0.1	3.0
382	5250N	115.0	0.3	3.0
383	5275N	93.0	0.0	3.0
384	5300N	95.0	0.0	3.0
385	5325N	132.0	0.1	3.0
386	5350N	66.0	0.3	3.0
387	5375N	121.0	0.0	3.0
388	5400N	106.0	0.1	3.0
389	4650N	147.0	0.1	3.0
390	4700N	152.0	0.2	3.0

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KRAL NO.	IDENTIFICATION	ZN	AG	AS
391	4750N	258.0	0.3	3.0
392	4800N	189.0	0.2	3.0
393	4800N L4500E	187.0	0.3	3.0
394	4825N	142.0	0.2	3.0
395	4850N	117.0	0.2	3.0
396	4875N	81.0	0.1	3.0
397	4900N	79.0	0.0	3.0
398	4925N	69.0	0.0	3.0
399	4950N	141.0	0.0	3.0
400	4975N	166.0	0.3	3.0
401	5025N	82.0	0.3	3.0
402	5050N	102.0	0.3	3.0
403	5075N	161.0	0.3	3.0
404	5100N	132.0	0.2	3.0
405	5125N	117.0	0.1	3.0
406	5150N	99.0	0.1	3.0
407	5175N	87.0	0.2	3.0
408	5200N	74.0	0.0	3.0
409	5225N	131.0	0.1	3.0
410	5250N	110.0	0.2	3.0
411	5275N	71.0	0.1	3.0
412	5300N	93.0	0.2	3.0
413	5325N	91.0	0.2	3.0
414	5350N	96.0	0.2	3.0
415	5375N	100.0	0.0	3.0
416	5400N	91.0	0.2	3.0
417	4700N L4700E	165.0	0.3	3.0
418	4725N	118.0	0.0	3.0
419	4825N	169.0	0.4	3.0
420	4850N	80.0	0.3	3.0
421	4875N	103.0	0.2	3.0
422	4900N	101.0	0.4	3.0
423	4925N	54.0	0.2	3.0
424	4950N	89.0	0.4	3.0
425	4975N	147.0	0.5	3.0
426	5025N	86.0	0.1	3.0
427	5050N	75.0	0.4	3.0
428	5075N	106.0	0.2	3.0
429	5100N	100.0	0.2	3.0
430	5125N	81.0	0.1	3.0

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KRAL NO.	IDENTIFICATION	ZN	AG	AS
431	5150N	72.0	0.1	3.0
432	5175N	92.0	0.2	3.0
433	5200N	90.0	0.2	3.0
434	5225N	124.0	0.4	3.0
435	5250N	81.0	0.3	3.0
436	5275N	57.0	0.2	3.0
437	5300N	106.0	0.3	3.0
438	5325N	154.0	0.2	3.0
439	5350N	67.0	0.5	3.0
440	5375N	86.0	0.3	3.0
441	5400N	87.0	0.4	3.0
232	4450N L4800E	111.0	0.1	3.0
233	4500N	119.0	0.4	3.0
234	4550N	55.0	0.2	3.0
235	4600N	127.0	0.2	3.0
236	4650N	177.0	0.4	3.0
237	4700N	141.0	0.2	3.0
238	4750N	122.0	0.3	3.0
239	4800N	126.0	0.2	3.0
240	4825N	115.0	0.3	3.0
241	4850N	129.0	0.2	3.0
242	4875N	73.0	0.2	3.0
243	4925N	88.0	0.3	3.0
244	4950N	144.0	0.2	3.0
245	4975N	65.0	0.2	3.0
246	5025N	69.0	0.2	3.0
247	5050N	61.0	0.2	3.0
248	5075N	69.0	0.2	3.0
249	5100N	44.0	0.0	3.0
250	5125N	52.0	0.0	3.0
251	5150N	56.0	0.2	3.0
252	5175N	60.0	0.2	3.0
253	5200N	111.0	0.4	3.0
254	5225N	143.0	0.2	3.0
255	5250N	62.0	0.3	3.0
256	5275N	64.0	0.1	3.0
257	5300N	65.0	0.1	3.0
258	5325N	67.0	0.1	3.0
259	5350N	110.0	0.4	3.0
260	5375N	63.0	0.2	3.0

KRAL NO.	IDENTIFICATION	ZN	AG	AS

261	5400N	161.0	0.3	3.0
262	4800N L4900E	108.0	0.1	3.0
263	4825N	65.0	0.2	3.0
264	4850N	89.0	0.1	3.0
265	4875N	93.0	0.2	3.0
266	4900N	93.0	0.1	3.0
267	4925N	131.0	0.7	3.0
268	4950N	58.0	0.3	3.0
269	4975N	311.0	0.4	3.0
270	5025N	107.0	0.2	3.0
271	5050N	56.0	0.1	3.0
272	5075N	69.0	0.3	3.0
273	5100N	73.0	0.2	3.0
274	5125N	62.0	0.2	3.0
275	5150N	80.0	0.3	3.0
276	5175N	121.0	0.4	3.0
277	5200N	92.0	0.1	3.0
278	5225N	93.0	0.2	3.0
279	5250N	112.0	0.2	3.0
280	5275N	110.0	0.2	3.0
281	5300N	109.0	0.2	3.0
282	5325N	109.0	0.2	3.0
283	5350N	95.0	0.2	3.0
284	5375N	109.0	0.2	3.0
285	5400N	82.0	0.1	3.0
286	5425N	78.0	0.2	3.0
287	5450N	133.0	0.1	3.0
288	5500N	82.0	0.2	3.0
289	4400N L5000E	89.0	0.1	3.0
290	4450N	123.0	0.0	3.0
291	4500N	58.0	0.1	3.0
292	4550N	60.0	0.2	3.0
293	4600N	40.0	0.2	3.0
294	4650N	75.0	0.0	3.0
295	4700N	86.0	0.0	3.0
296	4750N	64.0	0.0	3.0
297	4800N	82.0	0.2	3.0
298	4825N	83.0	0.2	3.0
299	4850N	66.0	0.1	3.0
300	4875N	55.0	0.0	3.0

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KRAL NO.	IDENTIFICATION	ZN	AG	AS
301	4900N	65.0	0.1	3.0

302	4925N	70.0	0.1	3.0
303	4950N	90.0	0.1	3.0
304	4975N	42.0	0.0	3.0
305	5025N	56.0	0.0	3.0
306	5050N	63.0	0.1	3.0
307	5075N	46.0	0.0	3.0
308	5100N	59.0	0.1	3.0
309	5125N	60.0	0.1	3.0
310	5150N	60.0	0.2	3.0
311	5175N	58.0	0.2	3.0
312	5200N	67.0	0.1	3.0
313	5225N	61.0	0.1	3.0
314	5250N	50.0	0.1	3.0
315	5275N	43.0	0.1	3.0
316	5300N	54.0	0.1	3.0
317	5325N	57.0	0.1	3.0
318	5350N	31.0	0.1	3.0
319	5375N	63.0	0.1	3.0
320	5425N	72.0	0.2	3.0
321	5450N	54.0	0.2	3.0
322	5500N	48.0	0.2	3.0
323	4800N L5100E	97.0	0.0	3.0
324	4825N	153.0	0.1	3.0
325	4850N	91.0	0.2	3.0
326	4875N	118.0	0.1	3.0
327	4900N	130.0	0.0	3.0
328	4925N	102.0	0.1	3.0
329	4950N	215.0	0.0	3.0
330	4975N	63.0	0.1	3.0
331	5025N	71.0	0.1	3.0
332	5050N	162.0	0.0	3.0
333	5075N	116.0	0.2	3.0
334	5100N	75.0	0.1	3.0
335	5125N	80.0	0.1	3.0
336	5150N	81.0	0.0	3.0
337	5175N	82.0	0.1	3.0
338	5200N	73.0	0.0	3.0
339	5225N	75.0	0.1	3.0
340	5250N	93.0	0.2	3.0

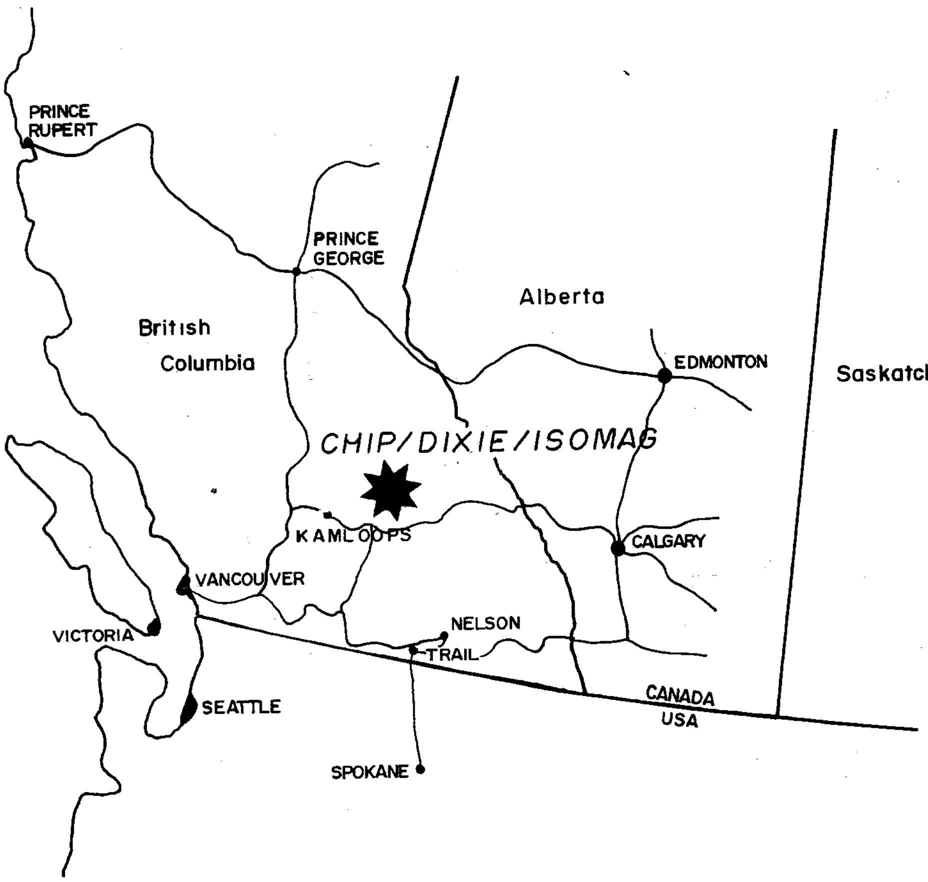
KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT
FILE NO G-1261

KRAL NO.	IDENTIFICATION	ZN	AG	AS
341	5275N	72.0	0.0	3.0
342	5300N	79.0	0.1	3.0
343	5325N	83.0	0.0	3.0

344	5350N	90.0	0.0	3.0
345	5375N	75.0	0.0	3.0
346	5400N	86.0	0.0	3.0
347	5425N	94.0	0.0	3.0
348	5450N	70.0	0.0	3.0
349	5475N	78.0	0.0	3.0
350	5500N	58.0	0.2	3.0
351	4350N L5200E	91.0	0.0	3.0
352	4400N	67.0	0.1	3.0
353	4450N	78.0	0.0	3.0
354	4500N	98.0	0.0	3.0
355	4550N	106.0	0.1	3.0
356	4600N	251.0	0.1	3.0
357	4650N	120.0	0.3	3.0
358	4700N	159.0	0.1	3.0
359	4750N	99.0	0.1	3.0
360	4800N	118.0	0.2	3.0
361	4850N	58.0	0.0	3.0
362	4900N	66.0	0.1	3.0
363	4950N	75.0	0.0	3.0
364	5000N	63.0	0.2	3.0
365	5025N	100.0	0.0	3.0
366	5050N	69.0	0.1	3.0
367	5075N	103.0	0.1	3.0
368	5100N	98.0	0.1	3.0
369	5125N	62.0	0.0	3.0
370	5150N	64.0	0.0	3.0
371	5175N	70.0	0.1	3.0
372	5200N	56.0	0.1	3.0
373	5225N	41.0	0.0	3.0
374	5250N	152.0	0.2	3.0
375	5275N	78.0	0.0	3.0
376	5300N	79.0	0.1	3.0
377	5325N	75.0	0.1	3.0
378	5350N	74.0	0.0	3.0
379	5375N	90.0	0.0	3.0
380	5400N	71.0	0.0	3.0

KRAL NO.	IDENTIFICATION	ZN	AG	AS
381	5425N	55.0	0.0	3.0
382	5450N	82.0	0.0	3.0
383	5475N	70.0	0.0	3.0
384	4450N L5400E	32.0	0.0	3.0

385	4500N		55.0	0.1	3.0
386	4550N		39.0	0.0	3.0
387	4600N		52.0	0.0	3.0
388	4650N		73.0	0.0	3.0
389	4700N		62.0	0.1	3.0
390	4800N		47.0	0.2	3.0
391	4850N		68.0	0.0	3.0
392	4900N		64.0	0.1	3.0
393	4950N		42.0	0.2	3.0
394	4650N	L5600E	55.0	0.1	3.0
395	4700N		47.0	0.0	3.0
396	4750N		62.0	0.1	3.0
397	4800N		70.0	0.0	3.0
398	4850N		66.0	0.1	3.0
399	4900N		95.0	0.0	3.0
400	4950N		75.0	0.0	3.0
401	4550N	L5800E	67.0	0.0	3.0
402	4600N		41.0	0.0	3.0
403	4650N		57.0	0.0	3.0
404	4700N		73.0	0.0	3.0
405	4750N		81.0	0.0	3.0
406	4800N		82.0	0.0	3.0
407	4850N		39.0	0.0	3.0
408	4900N		57.0	0.0	3.0
409	4950N		70.0	0.0	3.0
410	4500N	L6000E	70.0	0.0	3.0
411	4550N		81.0	0.0	3.0
412	4600N		72.0	0.2	3.0
413	4650N		61.0	0.0	3.0
414	4700N		77.0	0.0	3.0
415	4750N		99.0	0.0	3.0
416	4800N		66.0	0.1	3.0
417	4850N		75.0	0.0	3.0
418	4900N		63.0	0.1	3.0
419	4950N		104.0	0.0	3.0



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

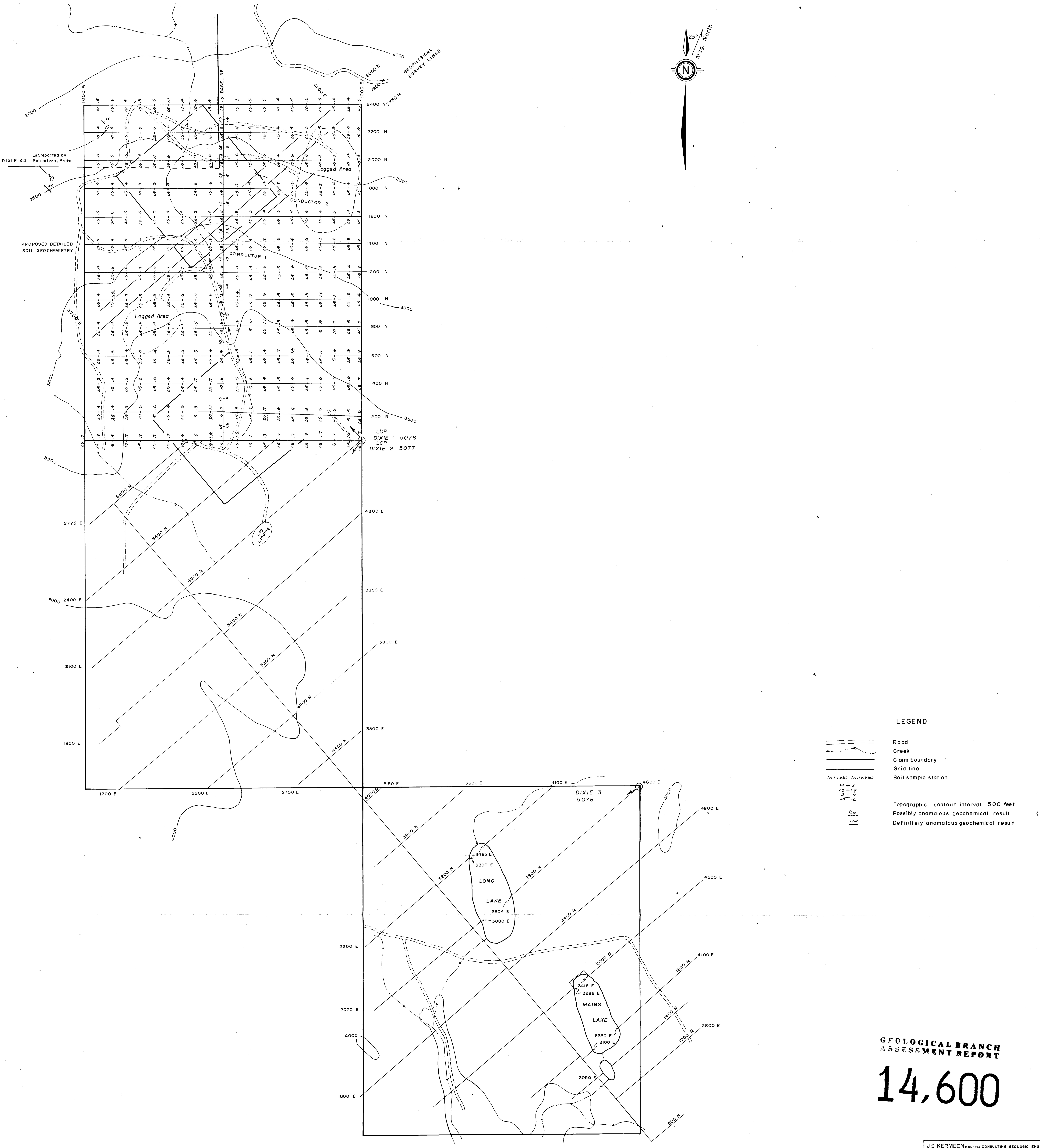
CLIENT: ZONE PETROLEUM/TYLOX

PROJECT/PROPERTY: CHIP / DIXIE / ISOMAG

TITLE

LOCATION MAP

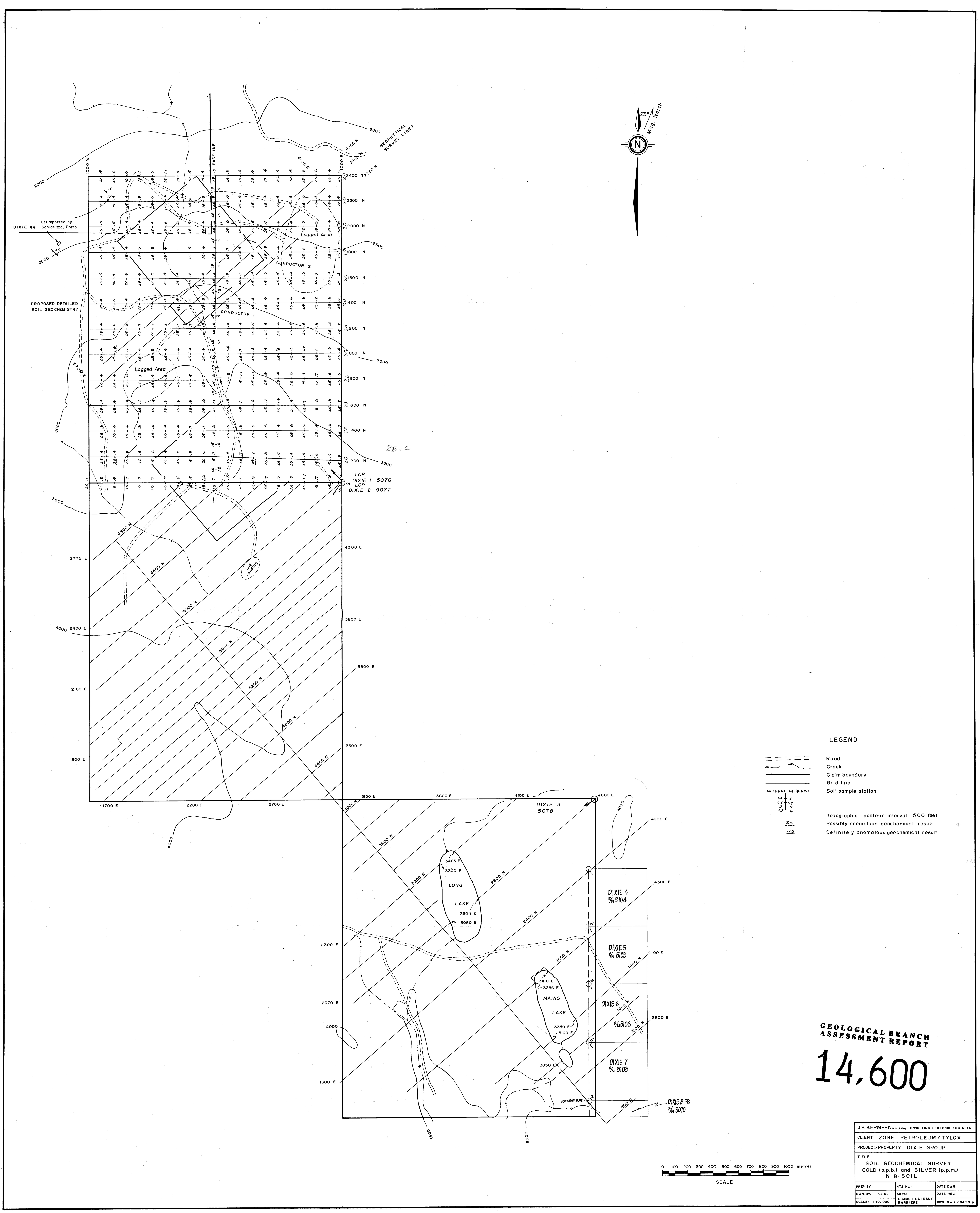
PREP BY	NTS No	DATE DWN:
DWN BY P.J.M.	AREA	DATE REVISED
SCALE		DRAWING No: C84-19-1



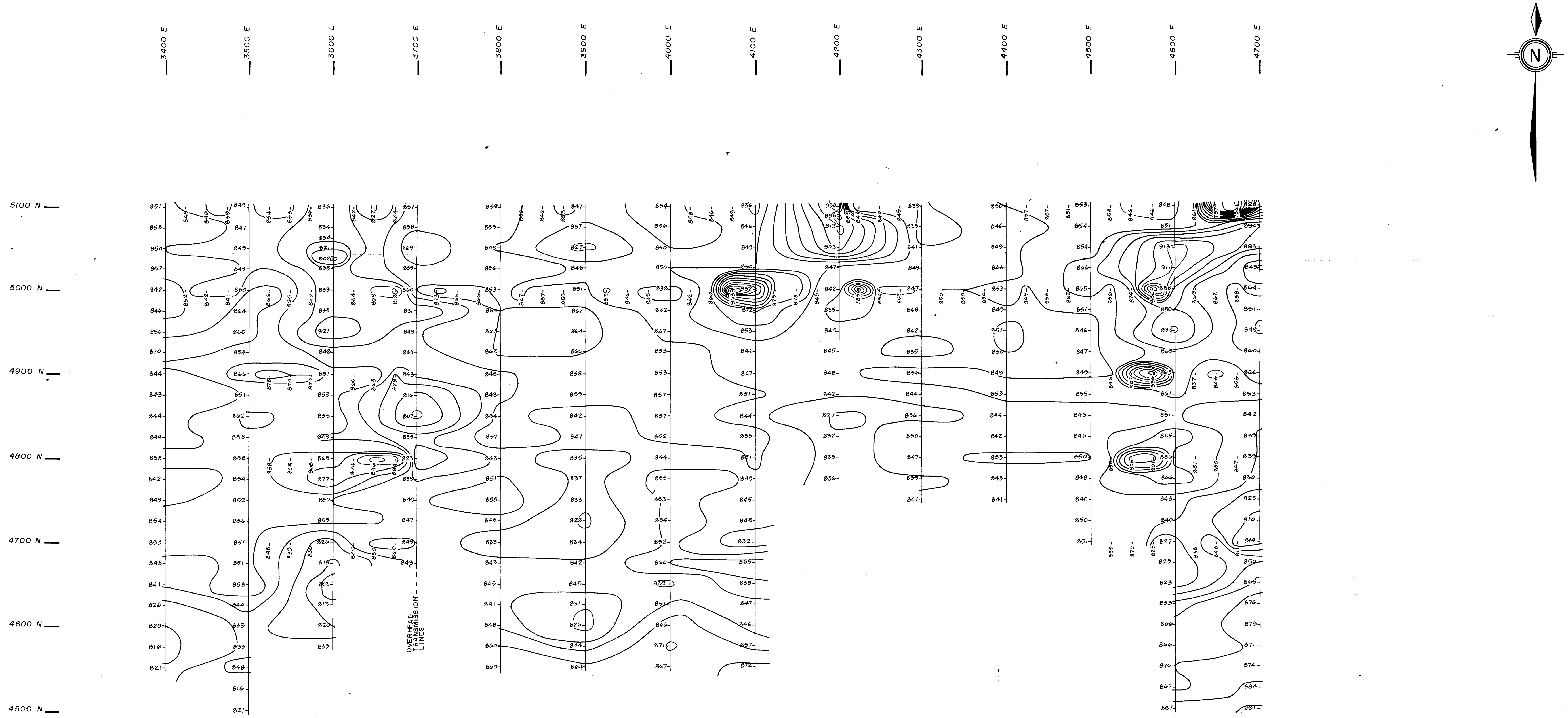
GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,600

J.S. KERMEEN M.Sc, P.Eng CONSULTING GEOLOGIC ENGINEER		
CLIENT: ZONE PETROLEUM / TYLOX		
PROJECT/PROPERTY: DIXIE GROUP		
TITLE SOIL GEOCHEMICAL SURVEY GOLD (p.p.b.) and SILVER (p.p.m.) IN B-SOIL		
PREP BY:	NTS No.:	DATE DWN:
DWN. BY: P.J.M.	AREA: ADAMS PLATEAU/ BARRIERE	DATE REV.:
SCALE: 1:10,000		DWN. No.: C84-19-9



GEOPHYSICAL SURVEY LINES
BASELINE
Logged Area
CONDUCTOR 2
CONDUCTOR 1
PROPOSED DETAILED SOIL GEOCHEMISTRY
Lat. reported by Schiarizza, Preto
DIXIE 44
LCP DIXIE 1 5076
LCP DIXIE 2 5077
Log Landing
DIXIE 3 5078
LONG LAKE
MAINS LAKE
DIXIE 4 R/N 5104
DIXIE 5 R/N 5105
DIXIE 6 R/N 5106
DIXIE 7 R/N 5103
DIXIE 8 FR. R/N 5070
Mag. North
23°
N
LEGEND
Road
Creek
Claim boundary
Grid line
Au (p.p.b.) Ag. (p.p.m.)
Soil sample station
Topographic contour interval: 500 feet
Possibly anomalous geochemical result
Definitely anomalous geochemical result
0 100 200 300 400 500 600 700 800 900 1000 metres
SCALE
GEOLOGICAL BRANCH ASSESSMENT REPORT
14,600
J.S. KERMEEN M.Sc, P.Eng CONSULTING GEOLOGIC ENGINEER
CLIENT: ZONE PETROLEUM / TYLOX
PROJECT/PROPERTY: DIXIE GROUP
TITLE
SOIL GEOCHEMICAL SURVEY
GOLD (p.p.b.) and SILVER (p.p.m.)
IN B-SOIL
PREP BY:
NTS No.:
DATE DWN:
DWN. BY: P.J.M.
AREA:
DATE REV.:
SCALE: 1:10,000
ADAMS PLATEAU/ BARRIERE
DWN. No.: C84-19-9



NOTE

Contour Interval:	10 gammas
Datum Subtracted:	57000 gammas
Technical Work by:	Marc Bowles
Survey by:	Milton Mankowske

50 25 0 50 100 metres

SCALE

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

CLIENT: ZONE PETROLEUM / TYLOX

PROJECT/PROPERTY: CHIP - DIXIE

TITLE: PROTON MAGNETOMETER SURVEY

PREP BY: M.B.	NTS No.:	DATE DWN:
DWN BY: P.J.M.	AREA: ADAMS PLATEAU	DATE REVISED:
SCALE: 1:2500		DRAWING No. C84-19-8

NOTE

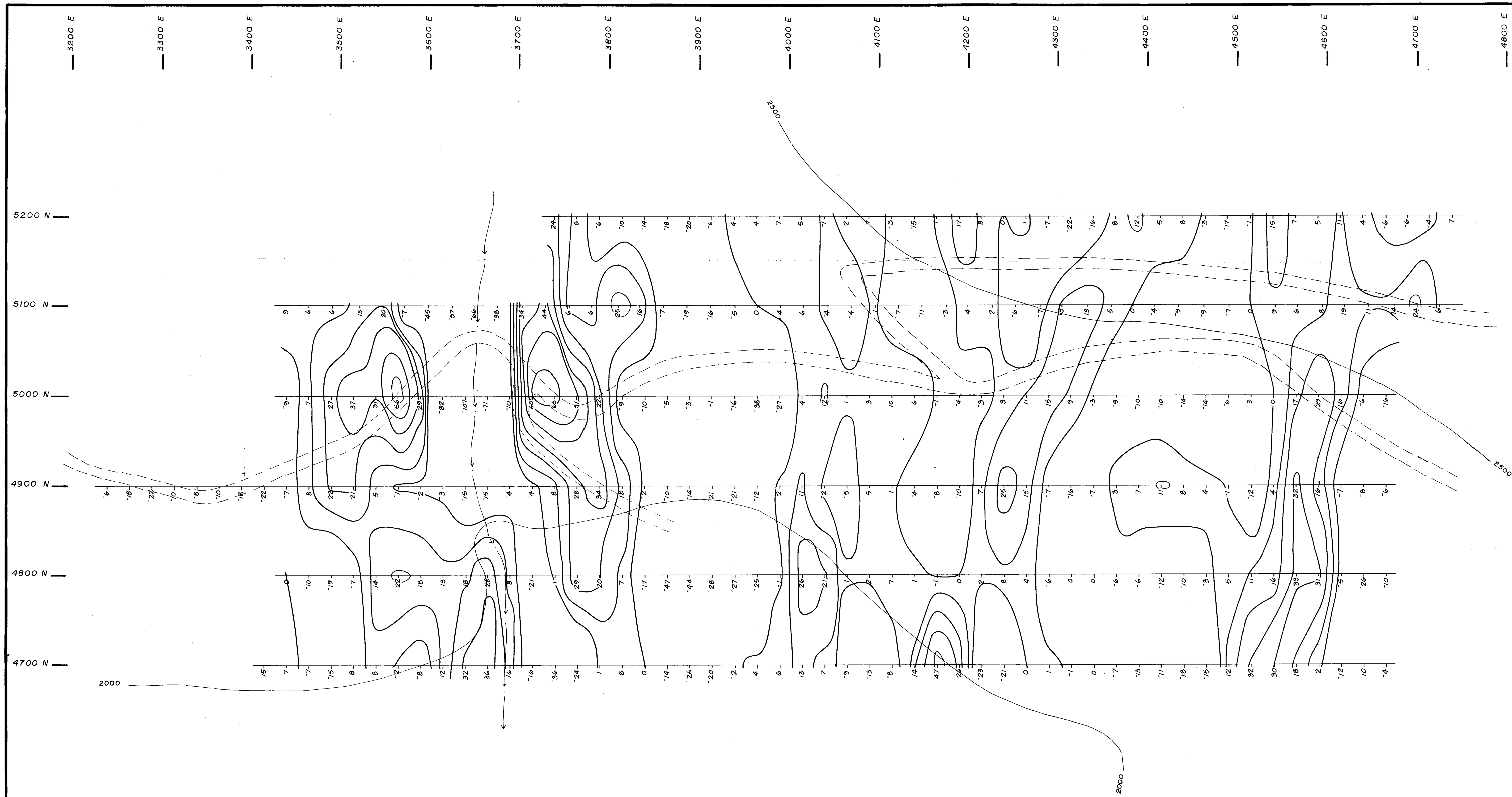
VLF Station:	NLK, Seattle, Washington
Reading Spacing:	25 metres
VLF Information:	↑ positive ↓ negative
	in phase – – – quadrature
	1 cm = 5%

50 25 0 50 100 metres
SCALE

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,600

J.S. KERMEEN M.Sc., P.Eng. CONSULTING GEOLOGICAL ENGINEER		
CLIENT: ZONE PETROLEUM / TYLOX		
PROJECT/PROPERTY: CHIP-DIXIE GROUP		
TITLE: VLF-EM SURVEY % DIP ANGLE		
PREP. BY: M.B.	NTS No.:	DATE DWN. 84:12
DWN. BY: P.J.M.	AREA: ADAMS PLATEAU/ BARRIERE	DATE REVISED:
SCALE: 1:2500		DRAWING Nº: C84-19-7



NOTE

VLF Station:	NLK, Seattle, Washington
Reading Spacing:	25 metres
Contour Interval:	10 gammas

50 25 0 50 100 metres

SCALE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,600

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

CLIENT: ZONE PETROLEUM / TYLOX

PROJECT/PROPERTY: CHIP-DIXIE GROUP

TITLE:

VLF-EM SURVEY
FRASER PLOT

PREP. BY: M.B.	NTS No.:	DATE DWN.:
DWN. BY: P.J.M.	AREA: ADAMS PLATEAU/ BARRIERE	DATE REVISED:
SCALE: 1:2500		DRAWING No.: C84-19-6

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,600

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

CLIENT: ZONE PETROLEUM/TYLOX

PROJECT/PROPERTY: CHIP - DIXIE GROUP

TITLE:
SOIL GEOCHEMICAL SURVEY
COPPER (p.p.m.), LEAD (p.p.m.),
ZINC (p.p.m.), IN B-SOIL

PREP. BY:	NTS No.:	DATE DWN: 84-12
DWN. BY: P. J. M.	AREA: ADAMS PLATEAU/ BARRIERE	DATE REVISED:
SCALE: 1:5,000		DRAWING No: C84-19-5

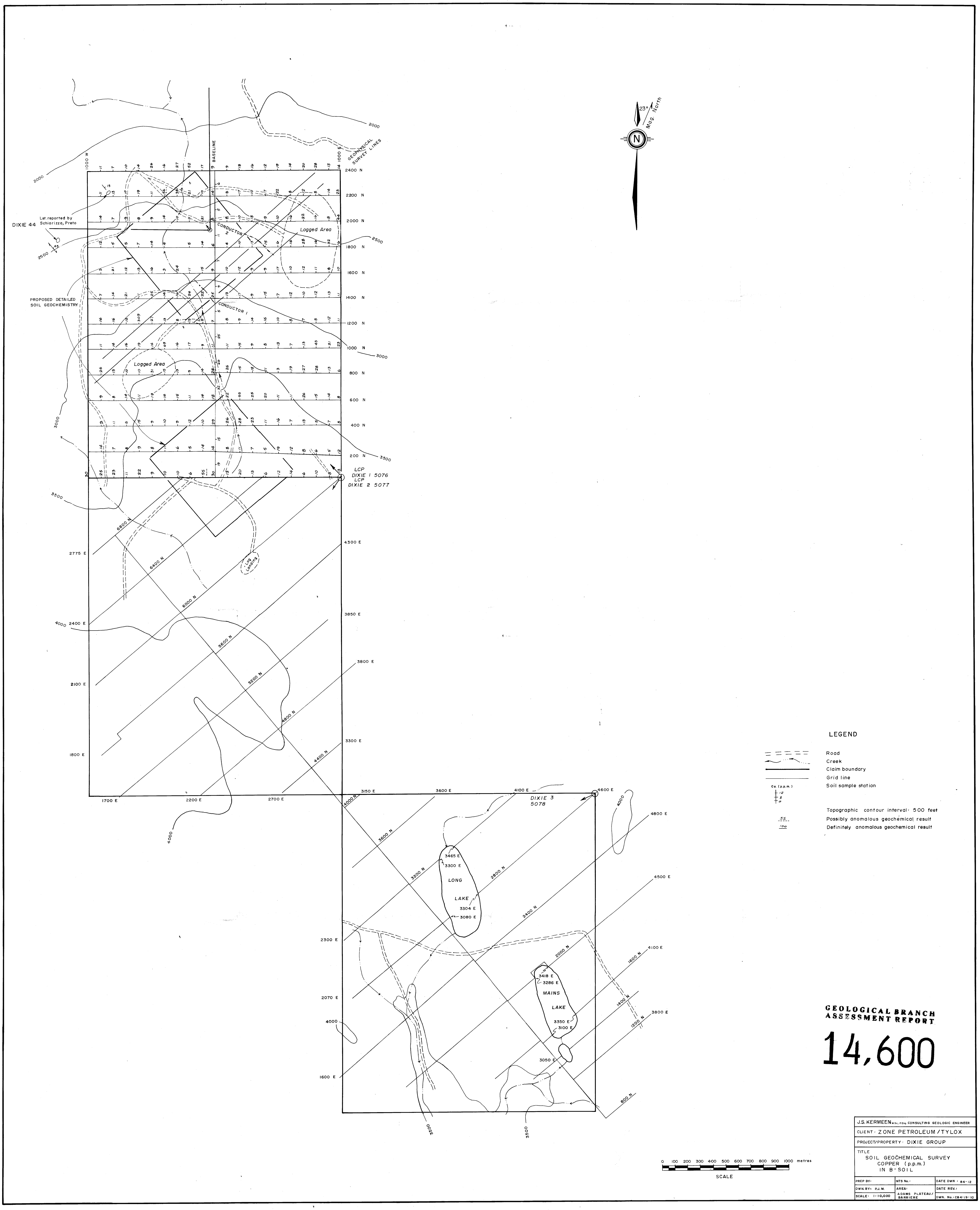
GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,600

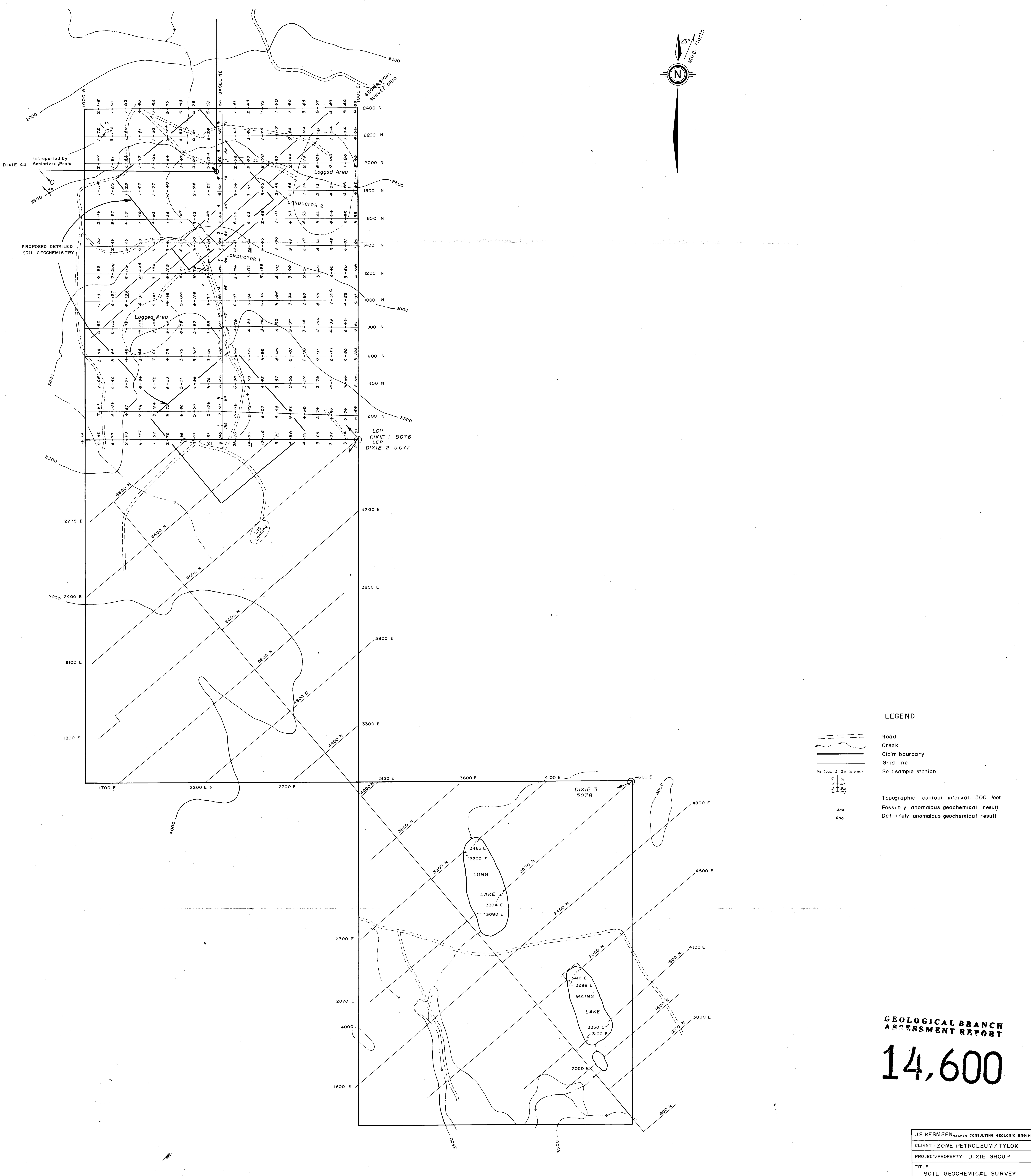
J.S. KERMEEN M.Sc., P.Eng. CONSULTING GEOLOGICAL ENGINEER	
CLIENT: ZONE PETROLEUM / TYLOX	
PROJECT/PROPERTY: CHIP- DIXIE GROUP	
TITLE: SOIL GEOCHEMICAL SURVEY GOLD (p.p.b.), SILVER (p.p.m.), ARSENIC (p.p.m.), IN B- SOIL	
PREP. BY:	NTS No.:
DWN. BY: P. J. M.	AREA: ADAMS PLATEAU BARRIERE
SCALE: 1:5,000	

LEGEND
1 MAFIC VOLCANIC (basalt to andesite)
a Mafic Greenstone
b Tuff
c Gabbro
2 INTERMEDIATE VOLCANIC (andesite to rhyolite)
a Massive
b Porphyritic
c Tuff
ci crystal tuff
cii quartz eye tuff
ciii welded tuff
3 VOLCANIC BRECCIA AND AGGLOMERATE
4 METASEDIMENTARY (arenaceous)
a Sandstone
b Siltstone
c Greywacke
d Phyllite
e Reworked tuff
f Quartzite
5 CHEMICAL SEDIMENTS
a Chert
6 INTRUSIVE (hypabassal)
a Quartz - feldspar porphyry
Geological contact; assumed
Area of outcrop
Schistosity; inclined, inclined showing dip
Edge of overburden
Numerical sequence does not necessarily reflect an age or stratigraphic relationship between the rock types.
Rock Sample Analyses
Sample No. DC-15
L5, 26, 24, 24, L1, 30
Au. Cu. Pb. Zn. Ag. As.
p.p.b. p.p.m. p.p.m. p.p.m p.p.m p.p.m
SCALE
1:10,000
0 100 200 300 400 500 1000
GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,600
J.S. KERMEEN M.Sc., P.Eng. CONSULTING GEOLOGICAL ENGINEER
CLIENT: ZONE PETROLEUM / TYLOX
PROJECT/PROPERTY: CHIP DIXIE
TITLE: PROPERTY GEOLOGY
PREP. BY: M.B.
NTS No.:
DATE DWN: 12/84
DWN. BY: P.J.M.
AREA: BARRIERE / ADAMS PLATEAU
DATE REVISED:
SCALE: 1:10,000
DRAWING No: C84-19-3
Sulphide and Gossan Zone
EAST BARRIERE RIVER
CHIP CREEK
SITTEL CREEK
HOUSE
L.C.P. CHIP 5530
L.C.P. DIXIE 45 FR. 5528
L.C.P. DIXIE 46 FR.
L.C.P. CHIP FR 5531
L.C.P. DIXIE 44 5527
DC-1 L5,30,45,97,.3,65
DC-2 L5,75,31,139,.2,L5
DC-3 L5,85,14,93,.1,10
DC-4 30,19,46,25,.1,44
DC-5 L5,26,13,43,L.1,5
DC-6 L5,32,34,24,.1,30
DC-7 L5,22,26,21,.1,28
DC-8 L5,37,23,39,L.1,35
DC-9 L5,112,32,655,L.1,46
DC-10 L5,37,23,35,L.1,35
DC-11 L5,35,34,38,.1,25
DC-12 20,215,20,44,L.1,65
DC-13 10,38,29,77,.1,50
DC-14 L5,114,29,62,L.1,70
DC-15 L5,26,24,24,L.1,30
DC-16 L5,37,31,39,L.1,15
DC-17 L5,46,44,49,.7,130
51°15'
119°57'

LOCATION MAP
BRITISH
COLUMBIA
THOMPSON
RIVER
CHIP-DIXIE GROUP
DIXIE GROUP
LEONIE GROUP
REA GOLD DISCOVERY
KAMAD SILVER
ISOMAG GROUP
ADAMS PLATEAU
LEGEND
SYMBOLS
SCALE
0 1 2 3 4 5 6 7 8 9 10 km.
GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,600
J.S. KERMEEN M.Sc.,P.Eng. CONSULTING GEOLOGICAL ENGINEER
CLIENT: ZONE PETROLEUM / TYLOX
PROJECT/PROPERTY: CHIP / DIXIE / ISOMAG
TITLE:
DISTRICT GEOLOGY
PREP. BY:
DWN BY: P.J.M.
SCALE: 1:100000
NTS No.:
AREA: ADAMS PLATEAU
DATE DWN: 84-12
DATE REVISED:
DRAWING No: C84-19-2



23° Mag. North
N
GEOPHYSICAL SURVEY LINES
BASELINE
1000 W
1000 E
2400 N
2200 N
2000 N
1800 N
1600 N
1400 N
1200 N
1000 N
800 N
600 N
400 N
200 N
DIXIE 44
Lst. reported by Schiarizza, Preto
CONDUCTOR 2
CONDUCTOR 1
Logged Area
Logged Area
PROPOSED DETAILED SOIL GEOCHEMISTRY
LCP DIXIE 1 5076
LCP DIXIE 2 5077
6800 N
6400 N
6000 N
5600 N
5200 N
4800 N
4400 N
4000 N
3600 N
3200 N
2800 N
2400 N
2000 N
1600 N
1400 N
1200 N
800 N
Log Landing
2775 E
2400 E
2100 E
1800 E
1700 E
2200 E
2700 E
3150 E
3600 E
4100 E
4600 E
4300 E
3850 E
3800 E
3300 E
4800 E
4500 E
4100 E
3800 E
2300 E
2070 E
1600 E
DIXIE 3 5078
LONG LAKE
3465 E
3300 E
3304 E
3080 E
MAINS LAKE
3418 E
3286 E
3350 E
3100 E
3050 E
2000
2500
3000
3500
4000
LEGEND
Road
Creek
Claim boundary
Grid line
Soil sample station
Cu (p.p.m.)
Topographic contour interval: 500 feet
Possibly anomalous geochemical result
Definitely anomalous geochemical result
GEOLOGICAL BRANCH ASSESSMENT REPORT
14,600
0 100 200 300 400 500 600 700 800 900 1000 metres
SCALE
J.S. KERMEEN M.Sc., P.Eng. CONSULTING GEOLOGIC ENGINEER
CLIENT: ZONE PETROLEUM / TYLOX
PROJECT/PROPERTY: DIXIE GROUP
TITLE SOIL GEOCHEMICAL SURVEY COPPER (p.p.m.) IN B-SOIL
PREP BY:
NTS No.:
DATE DWN: 84-12
DWN. BY: P.J.M.
AREA:
DATE REV.:
SCALE: 1:10,000
ADAMS PLATEAU / BARRIERE
DWN. No.: C84-19-10



GEOLOGICAL BRANCH ASSESSMENT REPORT

14,600

J.S. KERMEEN M.Sc, P.Eng CONSULTING GEOLOGIC ENGINEER		
CLIENT: ZONE PETROLEUM / TYLOX		
PROJECT/PROPERTY: DIXIE GROUP		
TITLE SOIL GEOCHEMICAL SURVEY LEAD (p.p.m.) and ZINC (p.p.m.) IN B-SOIL		
PREP BY:	NTS No.:	DATE DWN: 84-12
DWN. BY: P.J.M.	AREA:	DATE REV.:
SCALE: 1:10,000	ADAMS PLATEAU / BARRIERE	DWN. No.: C84-19-11

NOTE

VLF Station : NSS, Annapolis, Maryland
Reading Spacing : 25 metres
Contour Interval : 20 gammas

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,600

50 25 0 50 100 metres

SCALE

J.S. KERMEEN M.Sc., P.Eng. CONSULTING GEOLOGICAL ENGINEER	
CLIENT: ZONE PETROLEUM / TYLOX	
PROJECT/PROPERTY: DIXIE GROUP	
TITLE: DIXIE I CLAIM VLF-EM SURVEY FRASER PLOT	

PREP. BY: W.B.	NTS No.:	DATE DWN: 84-12
DWN. BY: P.J.M.	AREA: ADAMS PLATEAU / BARRIERE	DATE REVISED:
SCALE: 1:2500		DRAWING No: C84-19-12

NOTE

VLF Station : NSS , Annapolis , Maryland

Reading Spacing : 25 metres

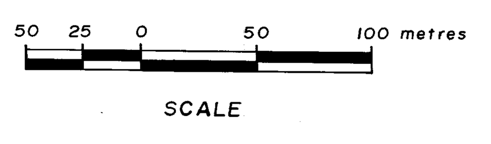
VLF Information : → positive ← negative

in phase quadrature

1 cm = 10 %

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,600



J.S. KERMEEN M.Sc., P.Eng. CONSULTING GEOLOGICAL ENGINEER		
CLIENT: ZONE PETROLEUM / TYLOX		
PROJECT/PROPERTY: DIXIE GROUP		
TITLE: DIXIE I CLAIM VLF-EM SURVEY % DIP ANGLE		
PREP. BY: M.B	NTS No.:	DATE DWN:
DWN. BY: P.J.M.	AREA:	DATE REVISED:
SCALE: 1:2500	ADAMS PLATEAU/ BARRIERE	DRAWING No: C84-19-13

50 25 0 50 100 metres

SCALE

NOTE

Contour Interval: 10 gammas

Datum Subtracted: 57000 gammas

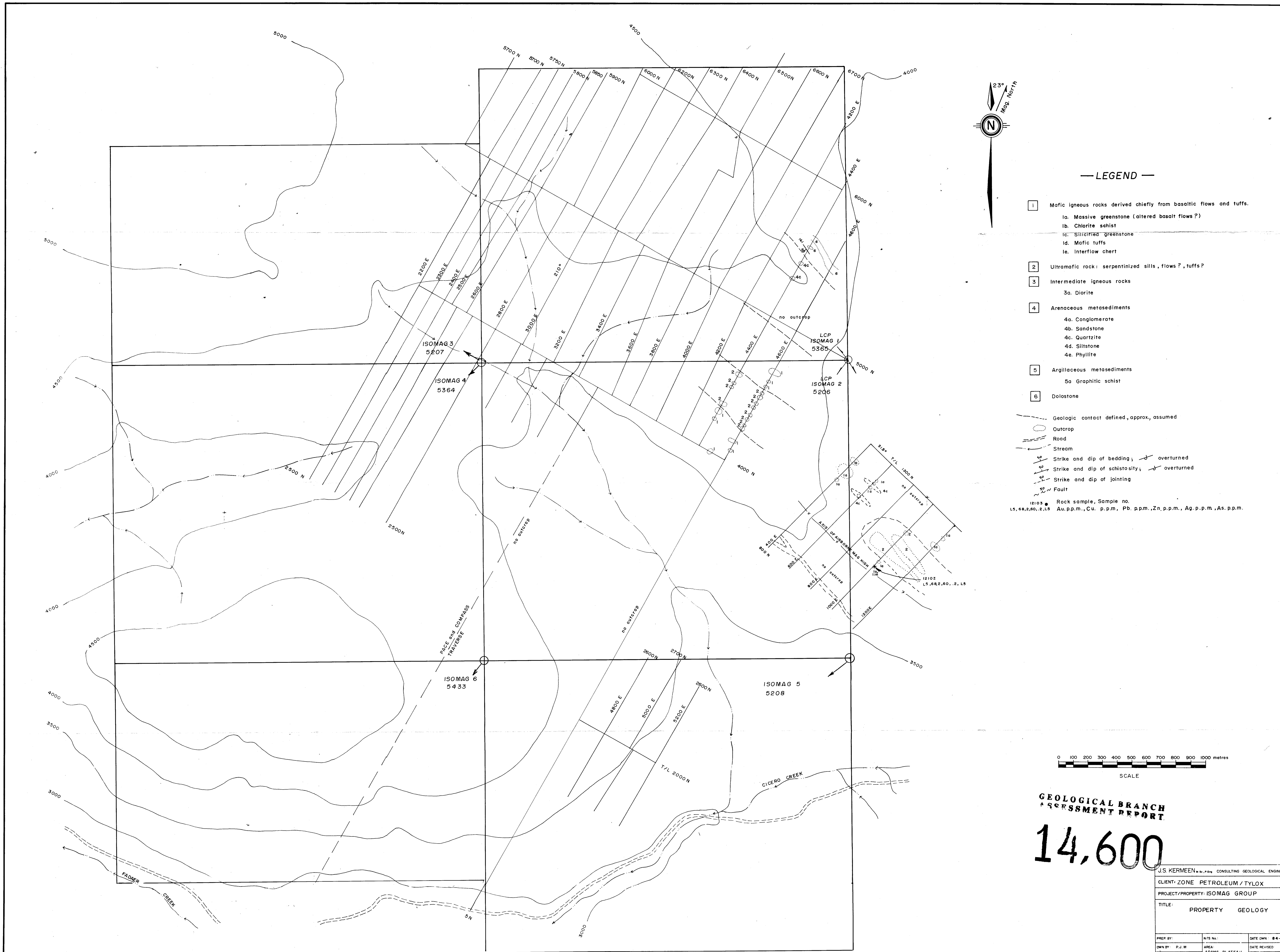
Technical Work by: Marc Bowles

Survey by: Milton Mankowske

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,600

J.S. KERMEEN M.Sc., P.Eng. CONSULTING GEOLOGICAL ENGINEER		
CLIENT: ZONE PETROLEUM/TYLOX		
PROJECT/PROPERTY: DIXIE GROUP		
TITLE: DIXIE I CLAIM PROTON MAGNETOMETER SURVEY		
PREP. BY: M.B.	NTS No.:	DATE DWN:
DWN. BY: P.J.M.	AREA: ADAMS PLATEAU/ BARRIERE	DATE REVISED:
SCALE: 1:2500		DRAWING No: C84-19-14


23°
Mag. North
N
— LEGEND —
1 Mafic igneous rocks derived chiefly from basaltic flows and tuffs.
1a. Massive greenstone (altered basalt flows?)
1b. Chlorite schist
1c. Silicified greenstone
1d. Mafic tuffs
1e. Interflow chert
2 Ultramafic rock: serpentinized sills, flows?, tuffs?
3 Intermediate igneous rocks
3a. Diorite
4 Arenaceous metasediments
4a. Conglomerate
4b. Sandstone
4c. Quartzite
4d. Siltstone
4e. Phyllite
5 Argillaceous metasediments
5a Graphitic schist
6 Dolostone
Geologic contact defined, approx., assumed
Outcrop
Road
Stream
Strike and dip of bedding; overturned
Strike and dip of schistosity; overturned
Strike and dip of jointing
Fault
12103 Rock sample, Sample no.
L5, 68, 2, 60, .2, L5 Au. p.p.m., Cu. p.p.m, Pb. p.p.m., Zn. p.p.m., Ag. p.p.m, As. p.p.m.
ISOMAG 3
5207
ISOMAG 4
5364
LCP
ISOMAG 1
5365
LCP
ISOMAG 2
5206
ISOMAG 6
5433
ISOMAG 5
5208
PACE and COMPASS TRAVERSE
no outcrop
CICERO CREEK
FADGER CREEK
T/L 2000 N
T/L 1300 N
AXIS OF AIRBORNE MAG HIGH
12102
L5, 68, 2, 60, .2, L5
0 100 200 300 400 500 600 700 800 900 1000 metres
SCALE
GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,600
J.S. KERMEEN M.Sc., P.Eng CONSULTING GEOLOGICAL ENGINEER
CLIENT: ZONE PETROLEUM / TYLOX
PROJECT/PROPERTY: ISOMAG GROUP
TITLE: PROPERTY GEOLOGY
PREP. BY:
NTS No.:
DATE DWN: 84-12
DWN. BY: P.J.M
AREA: ADAMS PLATEAU
DATE REVISED
SCALE: 1:10,000
DRAWING No: C84-19-15