

84-#779 - 12952
9/85

GEOCHEMICAL REPORT
ON THE
NITA PROPERTY
Kamloops Mining Division, British Columbia

Claim: NITA (3822 [9])
Latitude: 50°42'30"N.
Longitude: 121°26'W.
N.T.S.: 92I/11W.

Owner: DESPERADO RESOURCES INC.
P.O. Box 12137 Nelson Square
Suite 501 - 808 Nelson Street
Vancouver, B.C. V6Z 2H2

Operator: DESPERADO RESOURCES INC.
P.O. Box 12137 Nelson Square
Suite 501 - 808 Nelson Street
Vancouver, B.C. V6Z 2H2

Consultant: BOA SERVICES LTD.
2020 No. 4 Road
Richmond, B.C. V6X 2L3

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,952

September 21, 1984

P.P.L. Chung
Geologist

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INTRODUCTION

Desperado Resources Inc. of Suite 501 - 808 Nelson Street, Vancouver, B.C. owns a 15 unit block of mineral claims situated in the Kamloops Mining Division, southcentral British Columbia. This report describes the geochemical survey of the subject claim block.

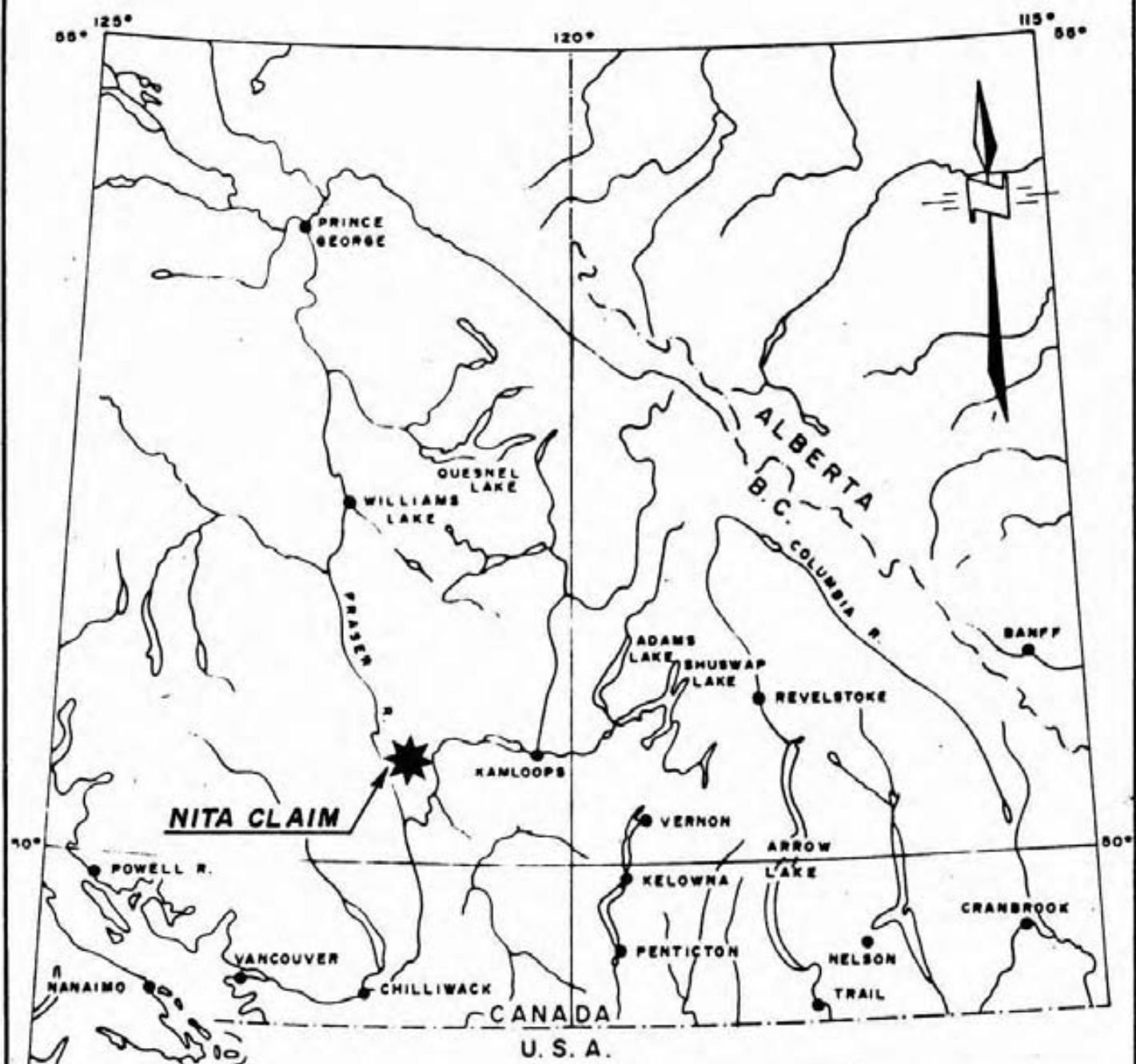
The purpose of this survey was to evaluate the exploration potential of the claim block. This assessment work, including report preparation, was undertaken between August 14 and September 21, 1984.

PROPERTY, LOCATION AND ACCESS

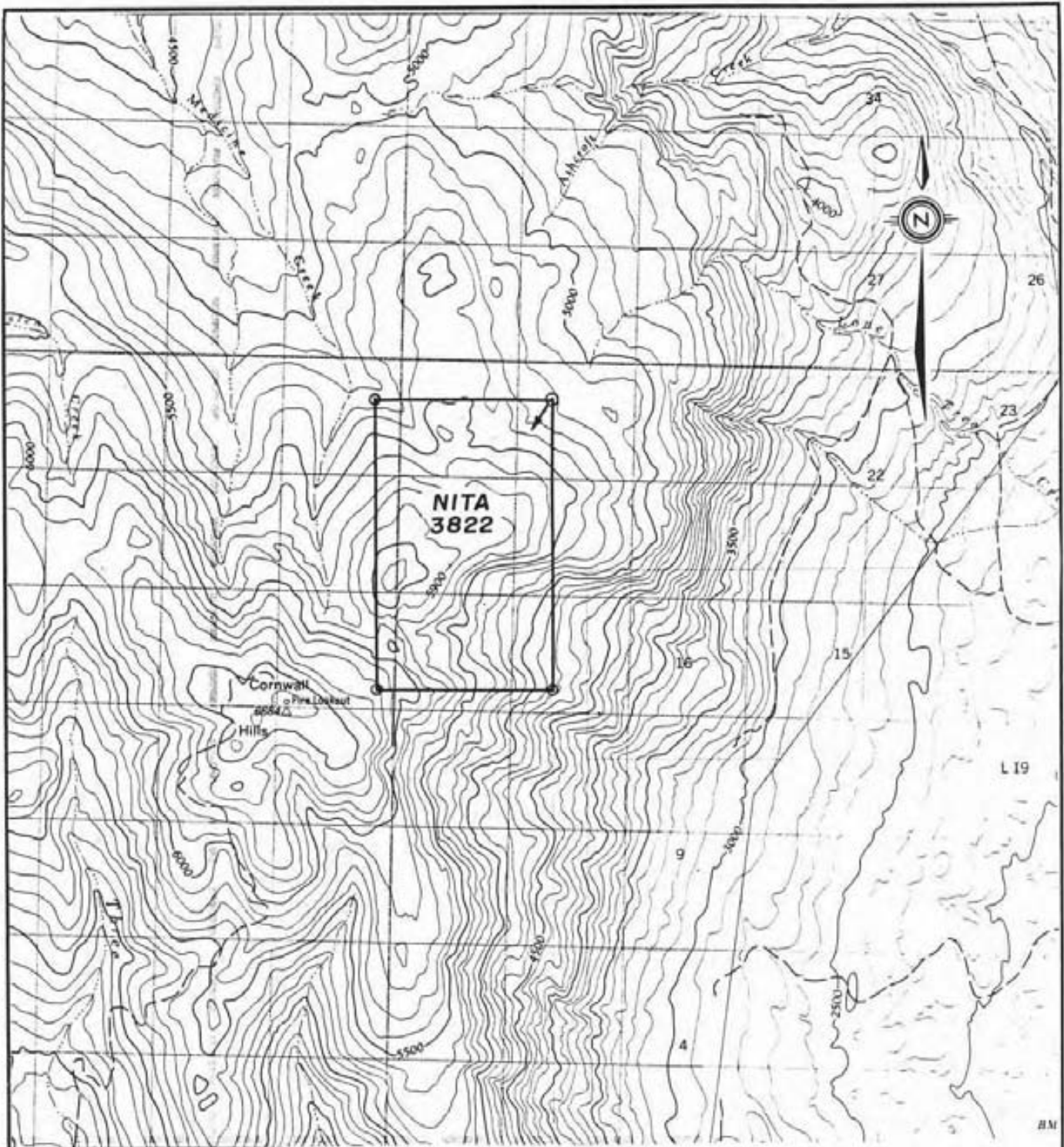
The subject property is comprised of one M.G.S. mineral claim of fifteen units. The name of the claim is NITA and the registered owner is Desperado Resources Inc.

The property is located 1.1 km. west of Ashcroft, B.C. Its geographic coordinates are 50°42'30"N. latitude by 121°26'W. longitude, N.T.S. 92I/11W.

Vehicle access is possible via Highway 1 to the Oregon Jack Creek road and then on the Cornwall Hills Fire Lookout road (a 4x4 vehicle road) to the west-central part of the property.



BOA SERVICES LTD. GEOLOGICAL CONSULTANTS, RICHMOND, B.C.	
DESPERATO RESOURCES INC. VANCOUVER, BRITISH COLUMBIA	
LOCATION MAP NITA CLAIM KAMLOOPS MINING DIVISION	
Date: Sept. 1984	Scale: 1" = 64 Miles
Drawn by:	Dwg no. 1



BOA SERVICES LTD.
 GEOLOGICAL CONSULTANTS, RICHMOND, B.C.

DESPERADO RESOURCES INC.
 VANCOUVER, BRITISH COLUMBIA

CLAIM MAP
NITA CLAIM
 KAMLOOPS MINING DIVISION, B.C.

Drawn by: P.J.M.	Scale: 1:50,000
Date: Sept. 1984	Figure No.: 2

To accompany report by P.R.L. Chung

PHYSIOGRAPHY

The claim is situated on an east facing slope about one kilometer west of the Thompson River. The area is heavily forested with hemlock, fir, and jackpine.

GENERAL GEOLOGY

The region is underlain by several sequences of sedimentary, volcanic and intrusive rocks ranging in age from Paleozoic to Cenozoic times.

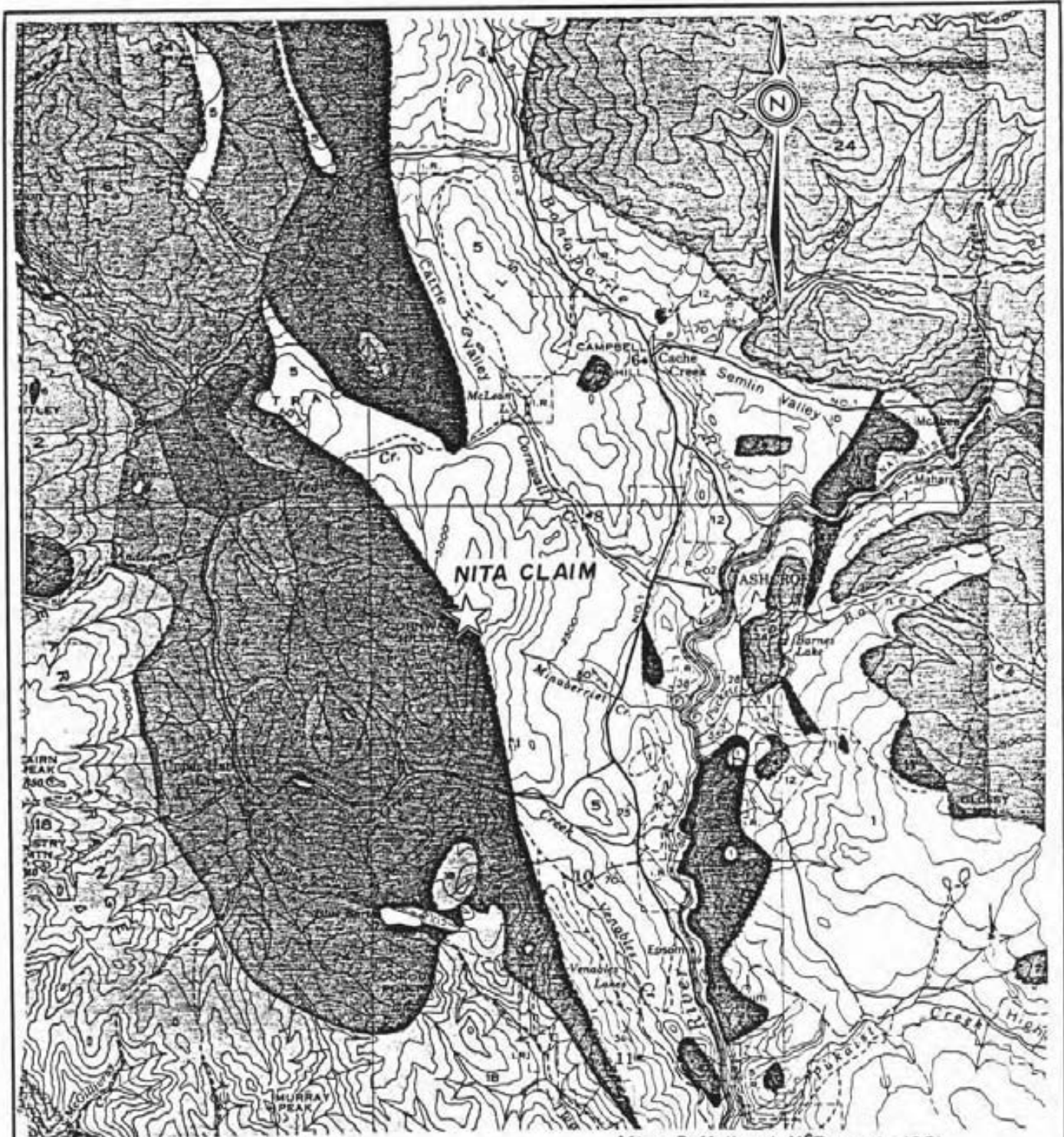
The oldest sequence in the area is the Cache Creek group of late Paleozoic age. This group is comprised of chert, argillite, minor quartzite, crystalline limestone, and altered volcanic rocks. These rocks, for the most part, have been closely folded and in many places metamorphosed to talc, chlorite and sericite schist.

Overlying the Cache Creek group is the Nicola group which consists of green andesite and basaltic flows with interbeds of agglomerate, limestone, quartzite, and cherty agglomerate. These rocks were deposited in Upper Triassic age.

Above the Nicola group lies various representatives of Lower Cretaceous age. They include argillite, quartzite, and conglomerate of the Brew group; the Lillooet group of argillite, volcanic conglomerate, and tuffaceous sandstone; greywacke, argillite, conglomerate, arkose, and siltstone of the Jackass Mountain group; the Spences Bridge group of andesite, dacite, basalt, rhyolite, tuff, breccia, agglomerate, conglomerate, sandstone, greywacke and arkose; and the Kingsvak group which consists of a sedimentary sequence of shale, conglomerate, tuffaceous sandstone, argillite and a series of volcanic flows and breccias mainly of andesitic and basaltic composition.

The youngest rocks in the region are sedimentary and volcanic sequences of the Coldwater Beds and the Kamloops group.

All these sedimentary and volcanic strata have been intruded by a variety of alkaline to calc-alkaline intrusives of the Coast



After Duffell and McTaggart, 1951

BOA SERVICES LTD. GEOLOGICAL CONSULTANTS, RICHMOND, B.C.	
DESPERADO RESOURCES INC. VANCOUVER, BRITISH COLUMBIA	
REGIONAL GEOLOGY MAP NITA CLAIM KAMLOOPS MINING DIVISION, B.C.	
Drawn by: P. J. M.	Scale: 1:253,000
Date: Sept. 1984	Figure No.: 3

To accompany report by P.P.L. Chung

L E G E N D

CENOZOIC

TERTIARY

Miocene or Earlier

Kamloops Group

- 24 Basalt, andesite, and rhyolite; associated tuffs
and breccias
- 23 Coldwater Beds (?): sandstone, shale, and conglomerate;
coal

MESOZOIC

CRETACEOUS

Lower Cretaceous

Spences Bridge Group

- 18 Andesite, dacite, basalt, and rhyolite; tuff, breccia, and
agglomerate; conglomerate, sandstone, greywacke, and arkose.

JURASSIC

Middle and Upper Jurassic

- 12 Shale, conglomerate and sandstone

TRIASSIC

Upper Triassic

Nicola Group

- 11 Basalt and andesite; tuff and agglomerate; limestone,
quartzite, argillite, greywacke and arkose

PALAEOZOIC

PERMIAN AND (?) EARLIER

Cache Creek Group

- 6 Marble Canyon Formation: limestone
- 5 Greenstone; chert, argillite, minor limestone and quartzite;
chlorite and quartz-mica schist

INTRUSIVE ROCKS

MESOZOIC

JURASSIC

Lower Jurassic

- 1 Guichon Creek Batholith granite, granodiorite, quartz diorite, diorite

intrusions. Within the area, the most notable of the intrusions is the Guichon Creek batholith of Lower Jurassic age.

GEOCHEMICAL SURVEY

Soil samples of the upper "B" horizon were collected along grid lines at 100 m. intervals. The samples were placed in kraft paper envelopes and delivered to Kamloops Research and Assay Laboratory Ltd. of Kamloops, B.C. There, the samples were sieved to -80 mesh, and analysed by an atomic absorption spectrophotometer under the supervision of professional assayers. In total 105 samples were collected and analysed for gold (p.p.b.), silver (p.p.m.), copper (p.p.m.), lead (p.p.m.), and zinc (p.p.m.). The procedures of analysis are included with this report in Appendix III. All analytical results are shown on Figures 5a, b & c and accompany this report in Appendix I.

DISCUSSION OF RESULTS

The results of the geochemical survey are somewhat disappointing. Frequency percent and cumulative frequency percent geo-statistical data were generated using a TRS 80 microcomputer and a conventional statistical software program. The geostatistical data accompanies this report in Appendix II and graphs of cumulative frequency percent versus geochemical values for each of the analysed elements are shown in Figures 4a, b, c, d and e.

Possibly and definitely anomalous ranges were determined by using the mean plus two standard deviations, and the mean plus three standard deviations respectively. The possibly and definitely anomalous ranges for each of the analyses elements are shown on Figures 5a, b, & c using these ranges; all possibly and definitely anomalous sample sites for each of the elements are identified. Results from this interpretative work shows only two anomalous gold values and one silver anomalous value on the property. The copper, lead and zinc anomalous values are erratically distributed over the

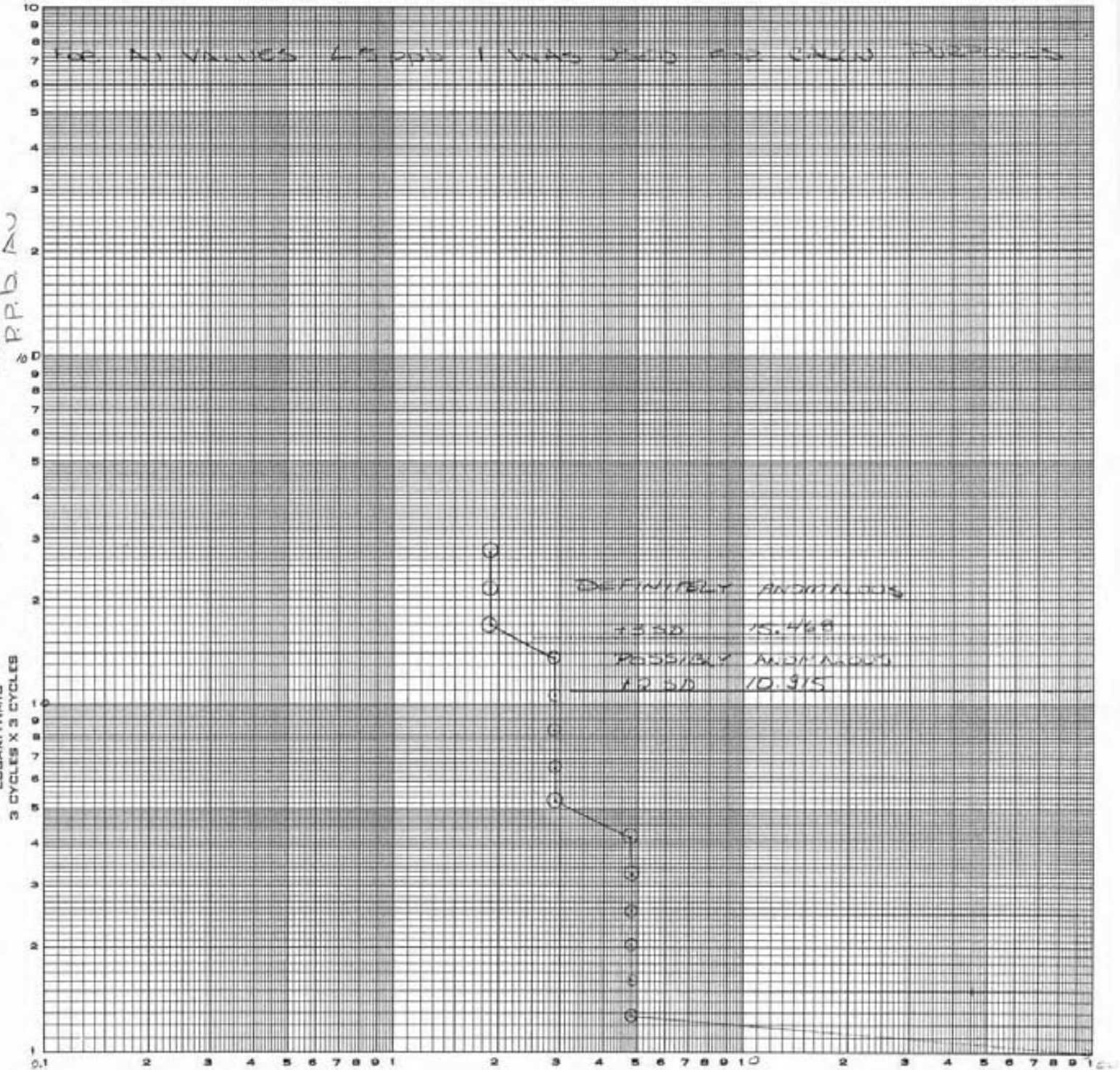
CUMULATIVE FREQUENCY PLOT

FOR: GOLD

FOR: NITA CLAIM

DIETZEN CORPORATION
MADE IN U.S.A.

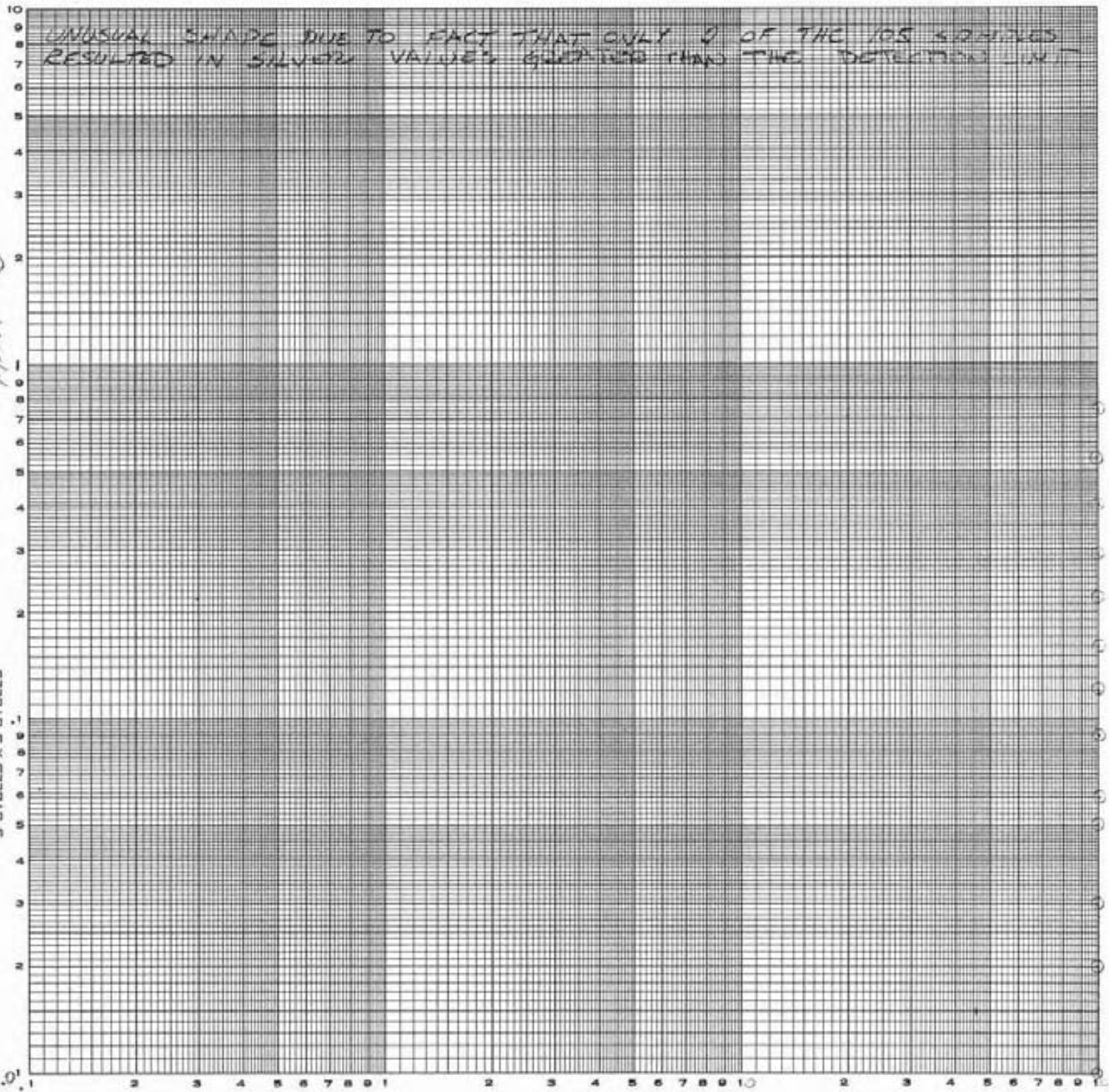
ND. 340R-L33 DIETZEN GRAPH PAPER
LOGARITHMIC
3 CYCLES X 3 CYCLES



CUMULATIVE FREQUENCY TO

CUMULATIVE FREQUENCY PLOT

FOR: SILVER
FOR: NITA CLAIM



DIETZGEN CORPORATION
MADE IN U.S.A.
pp 177 Hg

NO. 340R-L33 DIETZGEN GRAPH PAPER
LOGARITHMIC
3 CYCLES X 3 CYCLES

CUMULATIVE FREQUENCY

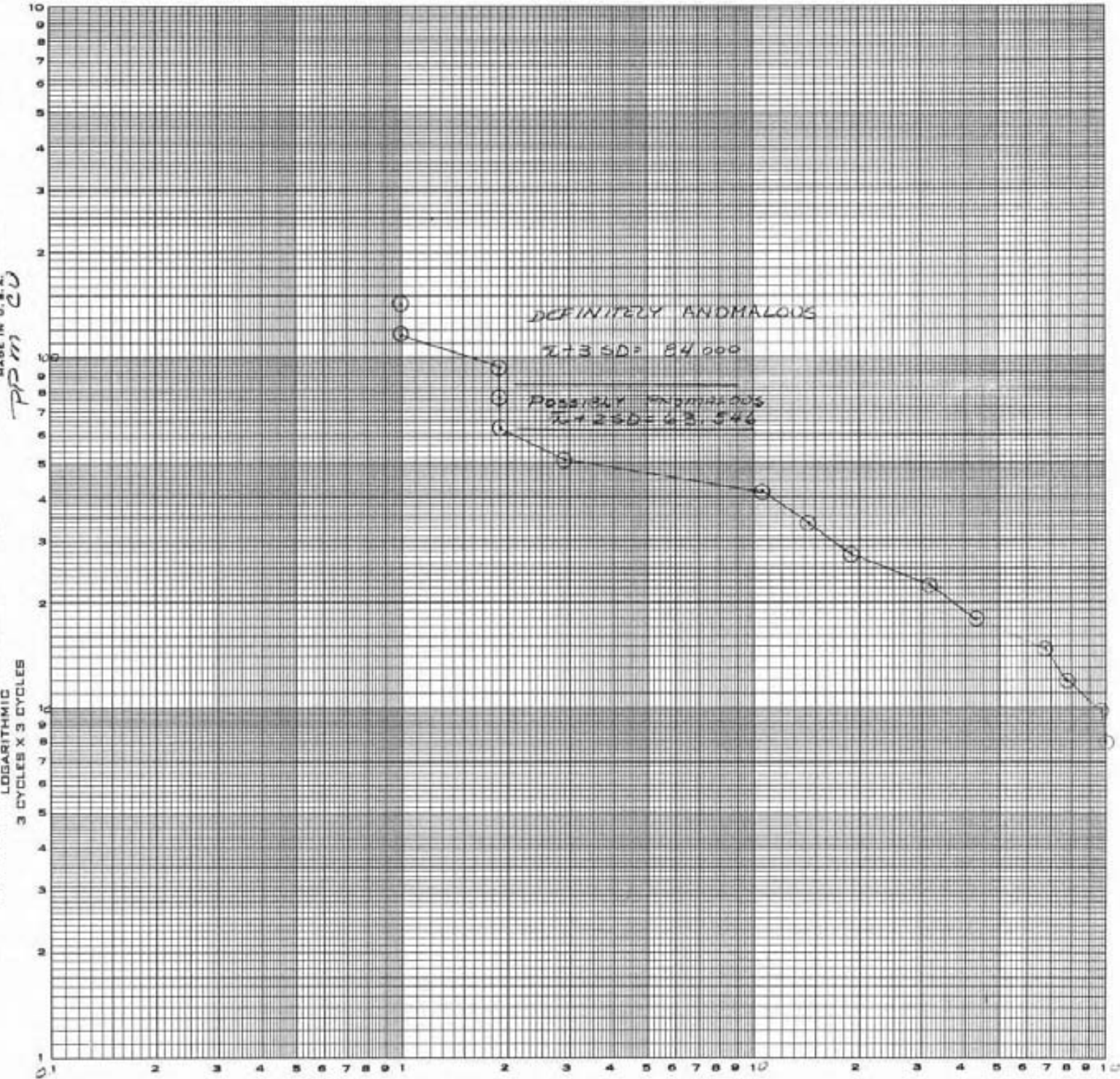
CUMULATIVE FREQUENCY PLOT

FOR: COPPER

FOR: NITA CLAIM

DIETZGEN CORPORATION
MADE IN U.S.A.

NO. 34DR-133 DIETZGEN GRAPH PAPER
LOGARITHMIC
3 CYCLES X 3 CYCLES



CUMMULATIVE FREQUENCY %

CUMULATIVE FREQUENCY PLOT

FOR: LEAD

FOR: NITA CLAIM

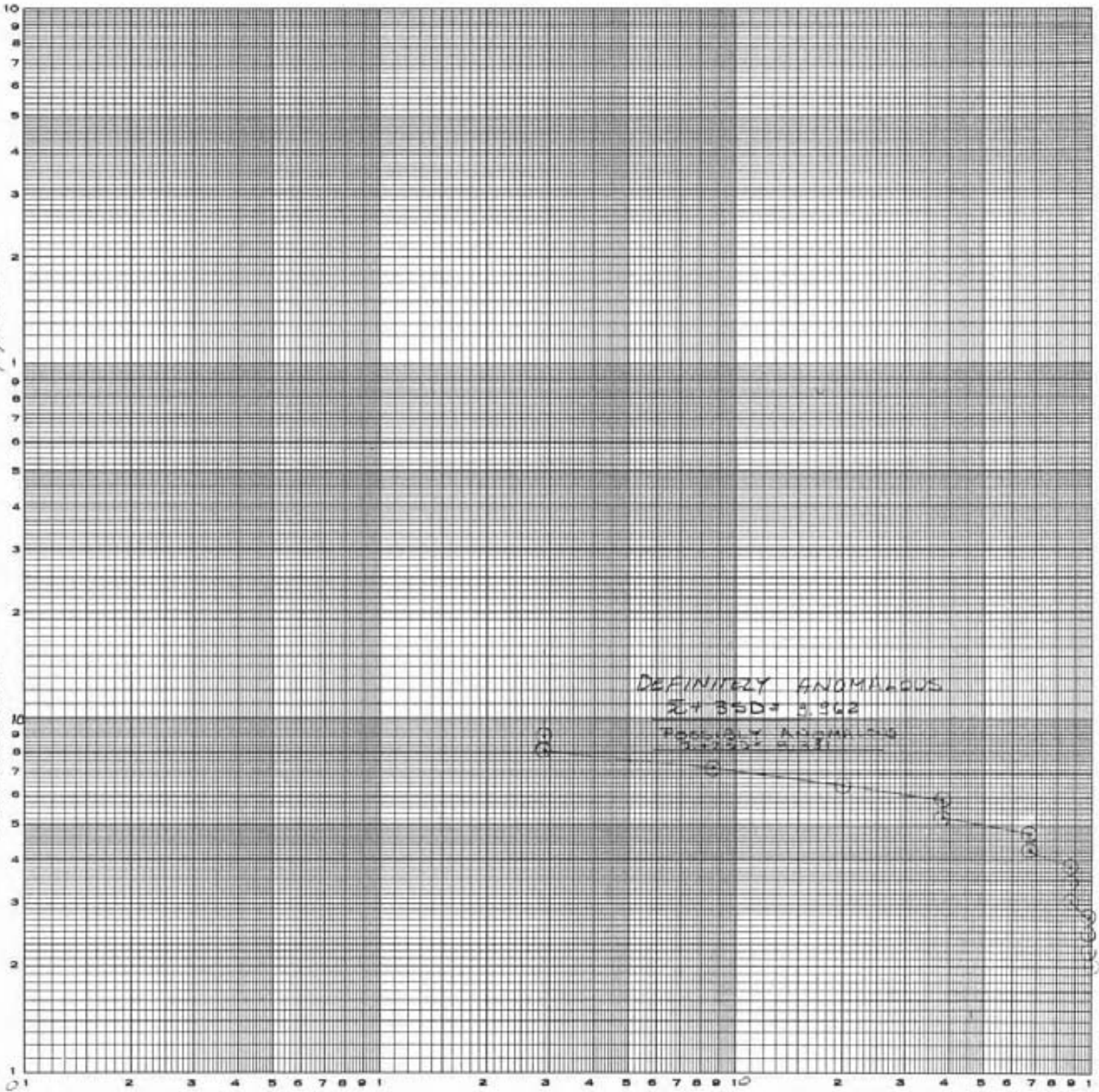
DIETZGEN CORPORATION
MADE IN U.S.A.

PP III Pb

NO. 340R-133 DIETZGEN GRAPH PAPER

LOGARITHMIC

3 CYCLES X 3 CYCLES



CUMULATIVE FREQUENCY %

CUMULATIVE FREQUENCY PLOT

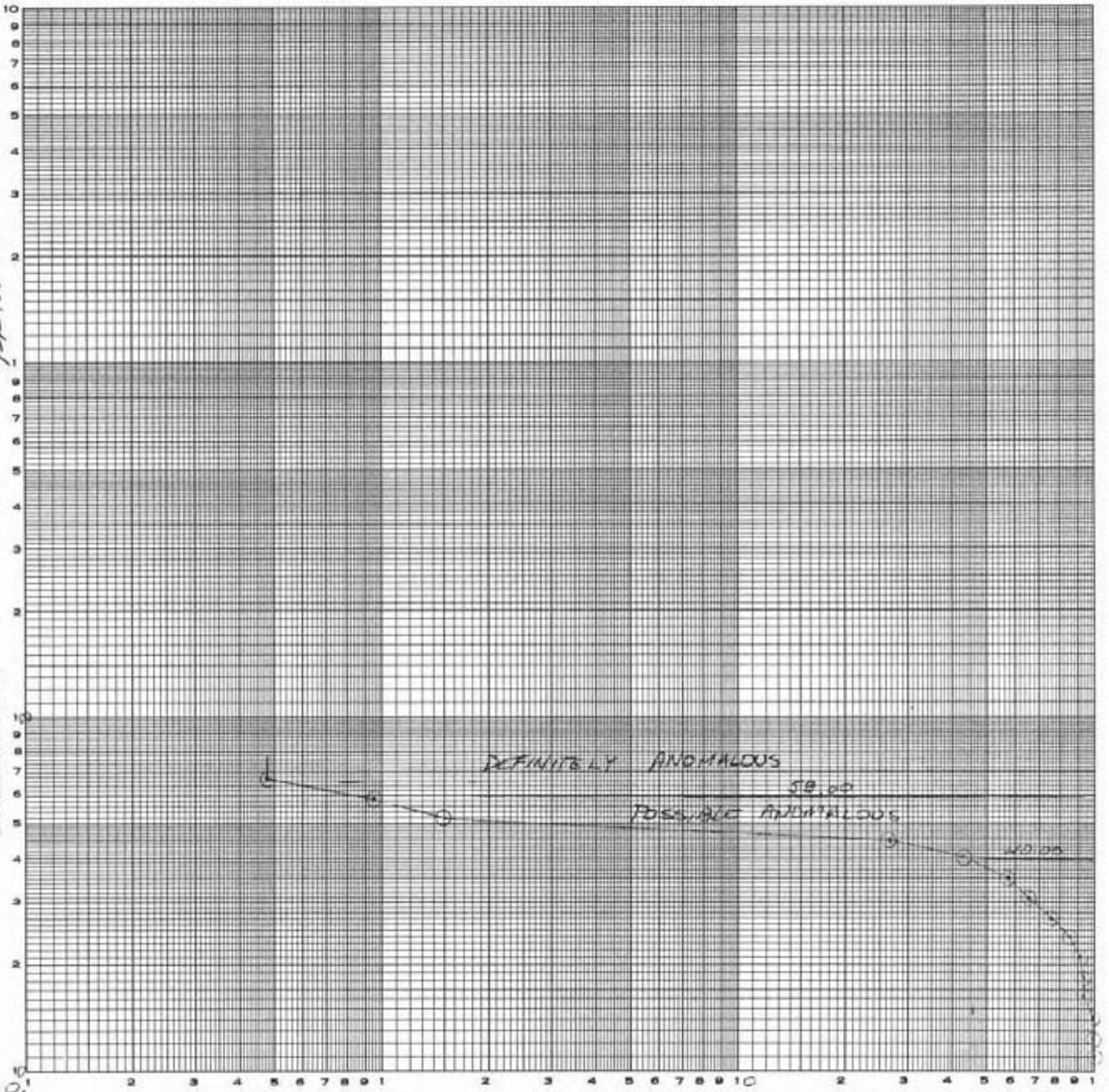
FOR: ZINC

FOR: NITA CLAIM

DIETZGEN CORPORATION
MADE IN U.S.A.

NO. 340R-L33 DIETZGEN GRAPH PAPER
LOGARITHMIC
3 CYCLES X 3 CYCLES

Zn
NITA



CUMMULATIVE FREQUENCY *2*

property. Overall there are only two coincident two-element anomalies:

- (1) 9,800 N. by 10,300 E. (coincident gold-zinc)
- (2) 10,300 N. by 10,200 E. to 10,400 N. by 10,200 E.
(coincident lead-zinc)

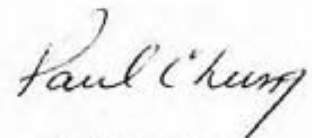
CONCLUSIONS AND RECOMMENDATIONS

The results of the 1984 geochemical survey on the NITA claims are rather discouraging. The survey identify only two coincident two-element anomalous areas.

Based on these results, further work should be concentrated towards the northern end of the claim, which has not been thoroughly explored.

Respectfully submitted,

BOA SERVICES LTD.



P.P.L. Chung
Geologist

September 21, 1984

CERTIFICATE

I, Paul P.L. Chung, of the City of Richmond, Province of British Columbia, DO HEREBY CERTIFY THAT:

(1) I am a Consulting Geologist with business address office at 2020 No. 4 Road, British Columbia, V6X 2L3; and President of Boa Services Ltd.

(2) I am a graduate in geology with a Bachelor of Science (Major: Geology) degree from the University of British Columbia, in 1981.


(3) I have practised my profession as a geologist for the past three years.

Pre-graduate experience in Geology - Geochemistry in British Columbia and Yukon (1979-1980).

Two years as Exploration Geologist with Sulpetro Minerals Limited (1981-1982).

(4) I supervised the geochemical survey in the month of August, 1984.

(5) I own no interest in the subject claim, nor shares or securities of Desperado Resources Inc., nor do I expect to receive any such interest.


Paul P.L. Chung

Dated at Kamloops, British Columbia, this 21st day of September, 1984.

BOA SERVICES LTD.
2020 No. 4 Road
Richmond, B.C. V6K 2L3
(604) 278-1966

TO: DESPERADO RESOURCES INC.
Suite 501 - 808 Nelson Street
Vancouver, B.C.

- STATEMENT OF COSTS -

RE: Geochemical Survey of the NITA property,
Kamloops Mining Division, B.C. (B 8412)

For all professional services rendered on your behalf in the above
referenced matter:

(1) Personnel

P. Chung - Geologist		
1.5 days @ \$200./day	\$300.00	
N. Swift - Soil Sampler		
3.5 days @ \$145./day	<u>507.50</u>	
	\$807.50	\$807.50

(2) Vehicle Expenses

1 4x4 Truck (all inclusive)		\$427.50
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(3) Food and Lodging

Food	\$113.19	
Lodging	<u>38.52</u>	
	\$151.71	\$151.71

(4) Expendable Field Supplies

Maps, soil bags, haywire, notebook, drafting paper & miscellaneous field supplies		\$45.69
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(5) Report Preparation

\$500.00

Total Account \$1,932.40

Balance Due and Owing \$1,932.40

(6) Assaying and Analyses (paid directly by Desperado Resources Inc.)

105 soil samples @ \$10.17/sample

\$1,067.85

Total Cost of Geochemical Survey \$3,000.25

Respectfully submitted,

BOA SERVICES LTD.

September 21, 1984

P.P.L. Chung
P.P.L. Chung

APPENDIX I

Kamloops Research & Assay Laboratory Ltd.
Geochemical Lab Report

**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

Desparado Resources Inc.
Box 12137
Nelson Square,
501 - 808 Nelson Street
Vancouver; B.C.

INVOICE: 84-0537
DATE: August 31, 1984
FILE No. G-1164

105 Sample Preparations	@ \$.70	\$ 73.50
105 Gold Geochemical Analysis	@ \$ 6.00	630.00
105 Copper Geochemical Analysis	@ \$ 1.90	199.50
105 Lead Geochemical Analysis	@ \$.90	94.50
105 Zinc Geochemical Analysis	@ \$.90	94.50
105 Silver Geochemical Analysis	@ \$.90	94.50
		<hr/>
		\$ 1,186.50
Less Discount		118.65
		<hr/>
		\$ 1,067.85
		<hr/>

KAMLOOPS RESEARCH
&
ASSAY LABORATORY
LTD

B. C. CERTIFIED ASSAYERS
912 LAVAL CRESCENT
PHONE 372-2704 - TELEX 048-8320

GEOCHEMICAL LAB REPORT

DESPERADO RESOURCES LTD
BOX 12137
NELSON SQUARE
501-806 NELSON ST
VANCOUVER B C

DATE AUGUST 28 1984
ANALYST
FILE NO. G 1164

PAGE 1 / 3
AG

KRAL NO.	IDENTIFICATION	AU	CU	PB	ZN	AG
1	9500E L9600N	1.0	23.0	9.0	43.0	0.1
2	9600E	1.0	15.0	8.0	43.0	0.1
3	9700E	1.0	15.0	6.0	41.0	0.1
4	9800E	1.0	12.0	6.0	38.0	0.1
5	9900E	1.0	12.0	5.0	32.0	0.1
6	10000E	1.0	11.0	6.0	67.0	0.1
7	10100E	1.0	9.0	6.0	39.0	0.1
8	10200E	1.0	10.0	5.0	51.0	0.1
9	10300E	1.0	8.0	6.0	49.0	0.1
10	10400E	1.0	12.0	7.0	44.0	0.1
11	10500E	1.0	13.0	5.0	41.0	0.1
12	9500E L9700N	1.0	15.0	6.0	50.0	0.1
13	9600E	1.0	12.0	5.0	43.0	0.1
14	9700E	1.0	13.0	5.0	38.0	0.1
15	9800E	1.0	10.0	6.0	29.0	0.1
16	9900E	1.0	10.0	7.0	43.0	0.1
17	10000E	1.0	12.0	6.0	46.0	0.1
18	10100E	1.0	13.0	4.0	47.0	0.1
19	10200E	1.0	11.0	5.0	43.0	0.1
20	10300E	15.0	11.0	5.0	37.0	0.1
21	10400E	1.0	14.0	4.0	37.0	0.1
22	10500E	1.0	26.0	5.0	40.0	0.1
23	9500E L9800N	1.0	16.0	7.0	53.0	0.1
24	9600E	1.0	20.0	5.0	44.0	0.1
25	9700E	1.0	11.0	7.0	56.0	0.1
26	9800E	1.0	12.0	7.0	46.0	0.1
27	9900E	1.0	10.0	6.0	35.0	0.1
28	10000E	1.0	9.0	5.0	19.0	0.1
29	10100E	1.0	14.0	4.0	44.0	0.1
30	10200E	1.0	9.0	4.0	22.0	0.1

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO G 1164

PAGE 2 / 3

KRAL NO.	IDENTIFICATION	AU	CU	PB	ZN	AG
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36	9650E	1.0	18.0	6.0	36.0	0.1
37	9700E	1.0	18.0	3.0	25.0	0.1
38	9800E	1.0	16.0	3.0	22.0	0.1
39	9900E	1.0	14.0	3.0	16.0	0.1
40	10000E	1.0	15.0	4.0	27.0	0.1
41	10100E	1.0	49.0	4.0	28.0	0.1
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45	10500E	1.0	34.0	5.0	36.0	0.1
46	9500E L10000N	1.0	13.0	6.0	30.0	0.1
47	9600E	1.0	10.0	8.0	38.0	0.1
48	9700E	1.0	21.0	3.0	19.0	0.1
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52	10100E	1.0	110.0	4.0	35.0	0.1
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54	10300E	1.0	176.0	4.0	39.0	0.1
55	10400E	1.0	21.0	5.0	30.0	0.1
56	10500E	1.0	33.0	7.0	50.0	0.1
57	9500E L10100N	1.0	19.0	5.0	25.0	0.1
58	9600E	1.0	17.0	5.0	26.0	0.1
59	9700E	1.0	15.0	5.0	28.0	0.1
60	9800E	1.0	20.0	5.0	45.0	0.1
61	9900E	1.0	16.0	4.0	15.0	0.1
62	10000E	1.0	22.0	5.0	25.0	0.1
63	10100E	1.0	25.0	5.0	44.0	0.1
64	10200E	1.0	15.0	5.0	30.0	0.1
65	10300E	1.0	19.0	5.0	33.0	0.1
66	10400E	1.0	44.0	7.0	61.0	0.1
67	10500E	1.0	18.0	4.0	37.0	0.1
68	9500E L10200N	1.0	14.0	4.0	40.0	0.1
69	9600E	1.0	19.0	2.0	35.0	0.1
70	9700E	1.0	17.0	4.0	52.0	0.1

KAHLOOPS RESEARCH & ASSAY LABORATORY LTD.
 GEOCHEMICAL LAB REPORT

FILE NO G 1164

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KRAL NO.	IDENTIFICATION	AU	CU	PB	ZN	AG
71	9600E	1.0	15.0	3.0	47.0	0.1
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73	10000E	1.0	15.0	5.0	35.0	0.1
74	10100E	1.0	17.0	5.0	41.0	0.1
75	10200E	1.0	26.0	3.0	74.0	0.1
76	10300E	1.0	28.0	5.0	56.0	0.1
77	10400E	1.0	24.0	5.0	38.0	0.1
78	10500E	1.0	20.0	5.0	74.0	0.1
79	9500E L10300N	1.0	10.0	4.0	15.0	0.1
80	9600E	1.0	44.0	5.0	27.0	0.1
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82	9800E	1.0	24.0	4.0	26.0	0.1
83	9900E	1.0	17.0	3.0	36.0	0.1
84	10000E	1.0	13.0	3.0	36.0	0.1
85	10100E	1.0	16.0	4.0	21.0	0.1
86	10200E	1.0	24.0	10.0	68.0	0.1
87	10300E	1.0	35.0	6.0	59.0	0.1
88	10400E	1.0	23.0	8.0	71.0	0.1
89	10500E	1.0	46.0	8.0	46.0	0.1
90	9500E L10400N	1.0	17.0	6.0	40.0	0.1
91	9600E	1.0	41.0	3.0	22.0	0.1
92	9700E	1.0	34.0	5.0	31.0	0.1
93	9800E	1.0	15.0	4.0	26.0	0.1
94	9900E	1.0	10.0	6.0	43.0	0.1
95	10000E	1.0	10.0	6.0	23.0	0.1
96	10100E	1.0	44.0	7.0	41.0	0.1
97	10200E	1.0	25.0	8.0	77.0	0.1
98	10300E	1.0	32.0	9.0	59.0	0.1
99	10400E	1.0	27.0	7.0	45.0	0.1
100	10500E	1.0	17.0	7.0	67.0	0.1
101	9500E L10500N	1.0	16.0	5.0	31.0	0.1
102	9600E	30.0	28.0	7.0	31.0	0.1
103	9700E	5.0	14.0	5.0	22.0	0.1
104	9800E	5.0	18.0	6.0	35.0	0.2
105	9900E	1.0	10.0	8.0	26.0	0.3

APPENDIX II

Cumulative Frequency Geostatistics for Geochemical Analyses

KAMLOOPS RESEARCH
&
ASSAY LABORATORY
LTD

B. C. CERTIFIED ASSAYERS

312 LAYAL CRESCENT
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CUMULATIVE FREQUENCY PLOT

DESPERADO RESOURCES LTD
BOX 12137
NELSON SQUARE
501-888 NELSON ST
VANCOUVER B C

DATE AUGUST 26 1984
ANALYST
FILE NO. G 1164

CUMULATIVE FREQUENCY PLOT FOR AU USING A LOGARITHMIC CONVERSION

CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
1.00--	1.27 100	35.2	100.0
1.27--	1.61 0	0.0	4.8
1.61--	2.04 0	0.0	4.8
2.04--	2.58 0	0.0	4.8
2.58--	3.27 0	0.0	4.8
3.27--	4.13 0	0.0	4.8
4.13--	5.23 2	1.9	4.8
5.23--	6.66 0	0.0	2.9
6.66--	8.44 0	0.0	2.9
8.44--	10.70 0	0.0	2.9
10.70--	13.56 0	0.0	2.9
13.56--	17.13 1	1.0	2.9
17.13--	21.79 0	0.0	1.9
21.79--	27.61 0	0.0	1.9
27.61--	35.00 2	1.9	1.9

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CUMULATIVE FREQUENCY PLOT

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NELSON SQUARE
301-808 NELSON ST
VANCOUVER B C

DATE AUGUST 28 1964
ANALYST
FILE NO. G 1164

CUMULATIVE FREQUENCY PLOT FOR CU USING A LOGARITHMIC CONVERSION

CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
8.00--	9.83 4	3.8	100.0
9.83--	12.06 20	19.0	96.2
12.06--	14.84 10	9.5	77.1
14.84--	18.24 26	24.8	67.6
18.24--	22.42 12	11.4	42.9
22.42--	27.55 13	12.4	31.4
27.55--	33.85 5	4.8	19.0
33.85--	41.60 4	3.8	14.3
41.60--	51.11 8	7.6	10.5
51.11--	62.81 1	1.0	2.9
62.81--	77.19 0	0.0	1.9
77.19--	94.85 0	0.0	1.9
94.85--	116.55 1	1.0	1.9
116.55--	143.22 0	0.0	1.0
143.22--	176.00 1	1.0	1.0

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CUMULATIVE FREQUENCY PLOT

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501-506 NELSON ST
VANCOUVER B C

DATE AUGUST 28 1984
ANALYST
FILE NO. G 1164

CUMULATIVE FREQUENCY PLOT FOR Pb USING A LOGARITHMIC CONVERSION

CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
2.00--	2.23 2	1.9	100.0
2.23--	2.46 0	0.0	98.1
2.46--	2.76 0	0.0	98.1
2.76--	3.07 12	11.4	96.1
3.07--	3.42 0	0.0	86.7
3.42--	3.81 0	0.0	86.7
3.81--	4.24 21	20.0	86.7
4.24--	4.72 0	0.0	66.7
4.72--	5.25 30	28.6	66.7
5.25--	5.85 0	0.0	38.1
5.85--	6.51 19	18.1	38.1
6.51--	7.25 12	11.4	20.0
7.25--	8.07 6	5.7	8.6
8.07--	8.98 0	0.0	2.9
8.98--	10.00 3	2.9	2.9

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CUMULATIVE FREQUENCY PLOT

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DATE AUGUST 28 1984
ANALYST
FILE NO. G 1164

CUMULATIVE FREQUENCY PLOT FOR ZN USING A LOGARITHMIC CONVERSION

CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
11.00--	12.32	1	100.0
12.32--	14.26	0	99.0
14.26--	16.23	5	99.0
16.23--	18.48	0	94.3
18.48--	21.04	4	94.3
21.04--	23.96	6	90.5
23.96--	27.28	10	84.8
27.28--	31.05	11	75.2
31.05--	35.36	8	64.8
35.36--	40.25	15	57.1
40.25--	45.83	17	42.9
45.83--	52.18	12	26.7
52.18--	59.40	6	15.2
59.40--	67.63	5	9.5
67.63--	77.00	3	4.8

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CUMULATIVE FREQUENCY PLOT

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DATE AUGUST 28 1984
ANALYST
FILE NO. G 1164

CUMULATIVE FREQUENCY PLOT FOR AG USING A LOGARITHMIC CONVERSION

CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
0.10--	0.12 0	0.0	100.0
0.12--	0.14 0	0.0	100.0
0.14--	0.16 0	0.0	100.0
0.16--	0.18 0	0.0	100.0
0.18--	0.22 0	0.0	100.0
0.22--	0.25 0	0.0	100.0
0.25--	0.29 0	0.0	100.0
0.29--	0.34 0	0.0	100.0
0.34--	0.40 0	0.0	100.0
0.40--	0.46 0	0.0	100.0
0.46--	0.54 0	0.0	100.0
0.54--	0.63 0	0.0	100.0
0.63--	0.74 0	0.0	100.0
0.74--	0.86 0	0.0	100.0
0.86--	1.00 105	2100.0	100.0

APPENDIX III

Analytical Procedure for Soil Geochemical Analyses

Geochemical Analysis Procedure

Sample Preparation:

A. Silts and Sediments

Dry sample thoroughly and sieve through an 80 mesh stainless steel sieve. The oversize portion is discarded (unless we have been requested to save it) and the analyses are performed on the -80 mesh portion.

B. Vegetation

29.17 grams of material are weighed and placed in 20 gm assay crucibles which are then placed in a relatively cool assay furnace and the temperature is raised gradually. The samples are left in the furnace until the organics are completely burned off. The residue is then assayed.

Fire Assay Re-agents

1. Litharge	:	C.P.
2. Sodium Carbonate	:	C.P.
3. Borax Glass	:	C.P.
4. Potassium Nitrate	:	C.P.
5. Flour	:	
6. Herman Inquarts	:	C.P.
7. SiO ₂	:	C.P.

Atomic Absorption Re-agents

For Ag, Cu, Pb, Zn, Co, Cd, Ni, Mn, Fe, Cr, Mo

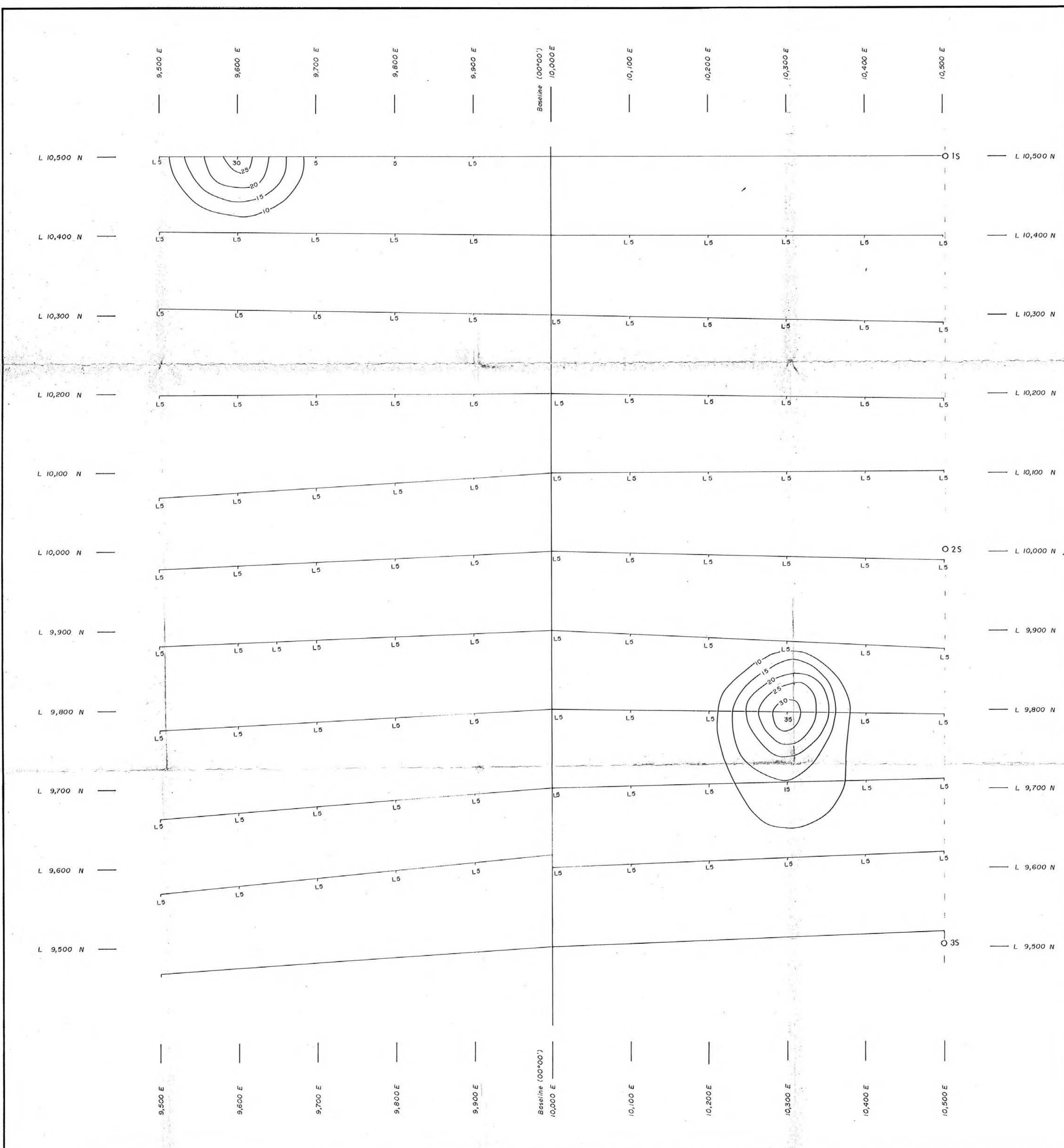
Nitric Acid	:	C.P. 70%
Hydrochloric Acid	:	C.P. 37%
Aluminum Chloride	:	C.P.+99%

Fire Assay-A.A. Method for Gold

Weigh 29.17 gms of sample. Fuse with re-agents as above in proportions necessary to obtain a good melt with clean pour and slag easily separated from lead button. (For silicates use flour; for sulphides use potassium nitrate .) Cupel lead bead and place in test tube. Dissolve bead in nitric acid then hydrochloric (3 times the amount of nitric). Bulk to 10 mls and read on atomic absorption spectrophotometer.

Atomic Absorption Method for Cu, Pb, Zn, Ag.

Weigh 1 gm of sample into test tube. Add .5ml nitric acid. Place in hot water bath for 30 minutes. Add 1.5ml hydrochloric acid and leave in hot water bath for a further 90 minutes. Bulk to 10ml with distilled water. Mix thoroughly and read on A.A.

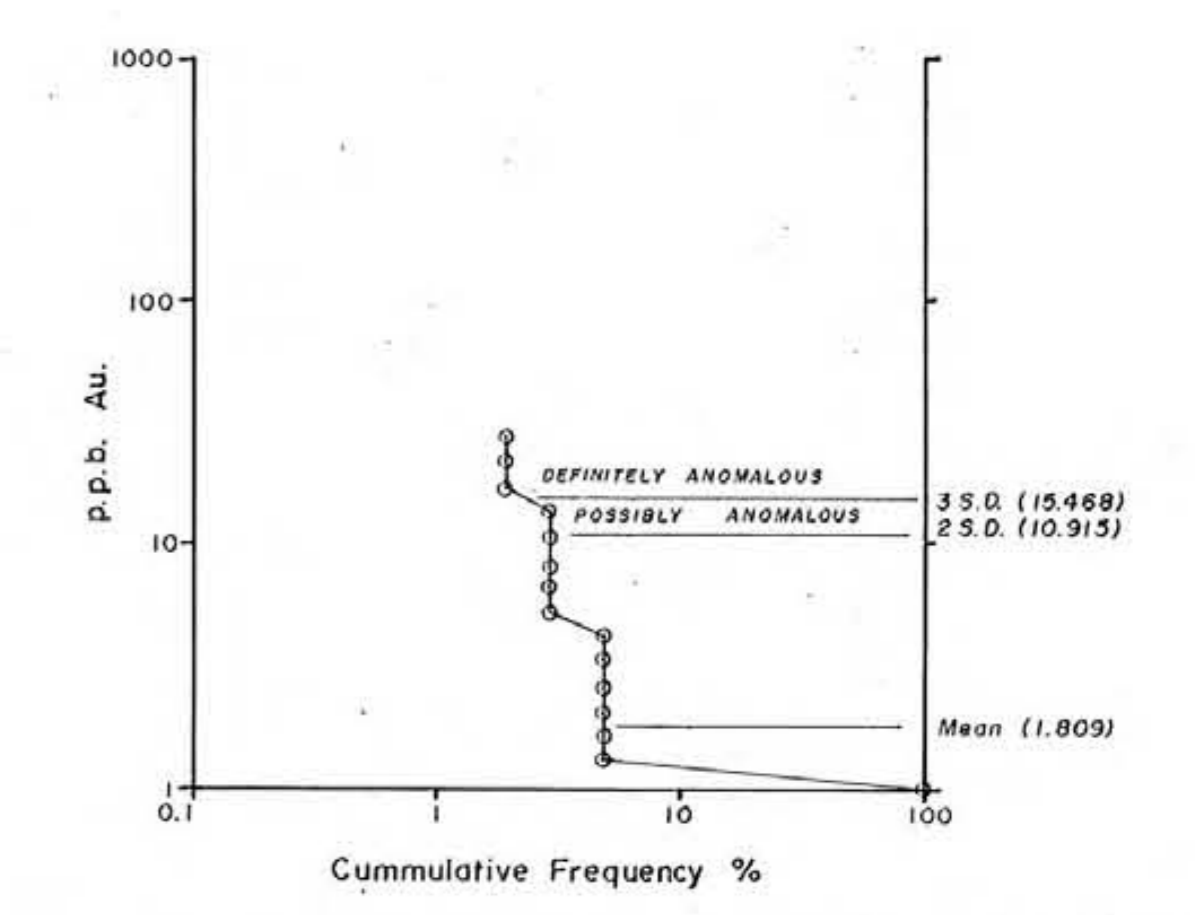


—SYMBOLS—

- Grid line
- Soil sample station
- 5 Geochemical analyses, Au p.p.b.
- L denotes less than
- Gold contour lines (p.p.b.)
 - 10
 - 15
 - 20
 - 25
 - 30
- Claim post
- Claim line

—GEOSTATISTICS—

For calculation purposes gold values less than 5 were assumed to be 1 p.p.b.



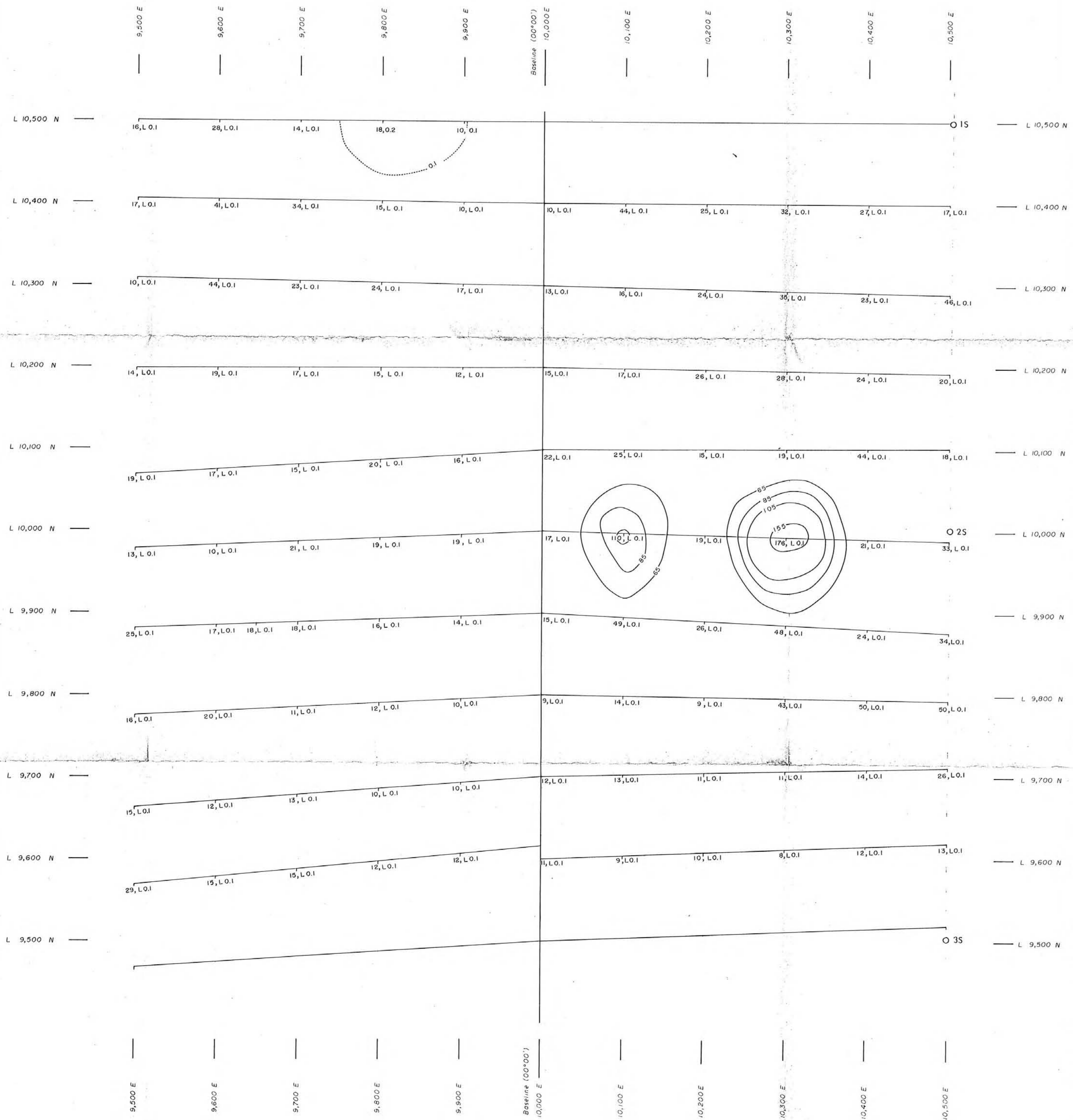
—SCALE—
1:2,000



GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,952
To accompany report by P.P.L. Chung

BOA SERVICES LTD. GEOLOGICAL CONSULTANTS, RICHMOND, B.C.	
DESPERADO RESOURCES INC. VANCOUVER, BRITISH COLUMBIA	
SOIL GEOCHEMICAL PLAN GOLD (p.p.b.) NITA CLAIM KAMLOOPS MINING DIVISION, B.C.	
Technical work by: P. Chung	N.T.S. 92 I / H.W.
Drawn by: P.J.M.	Scale: 1:2,000
Date: Sept. 1984	Figure No. 5a

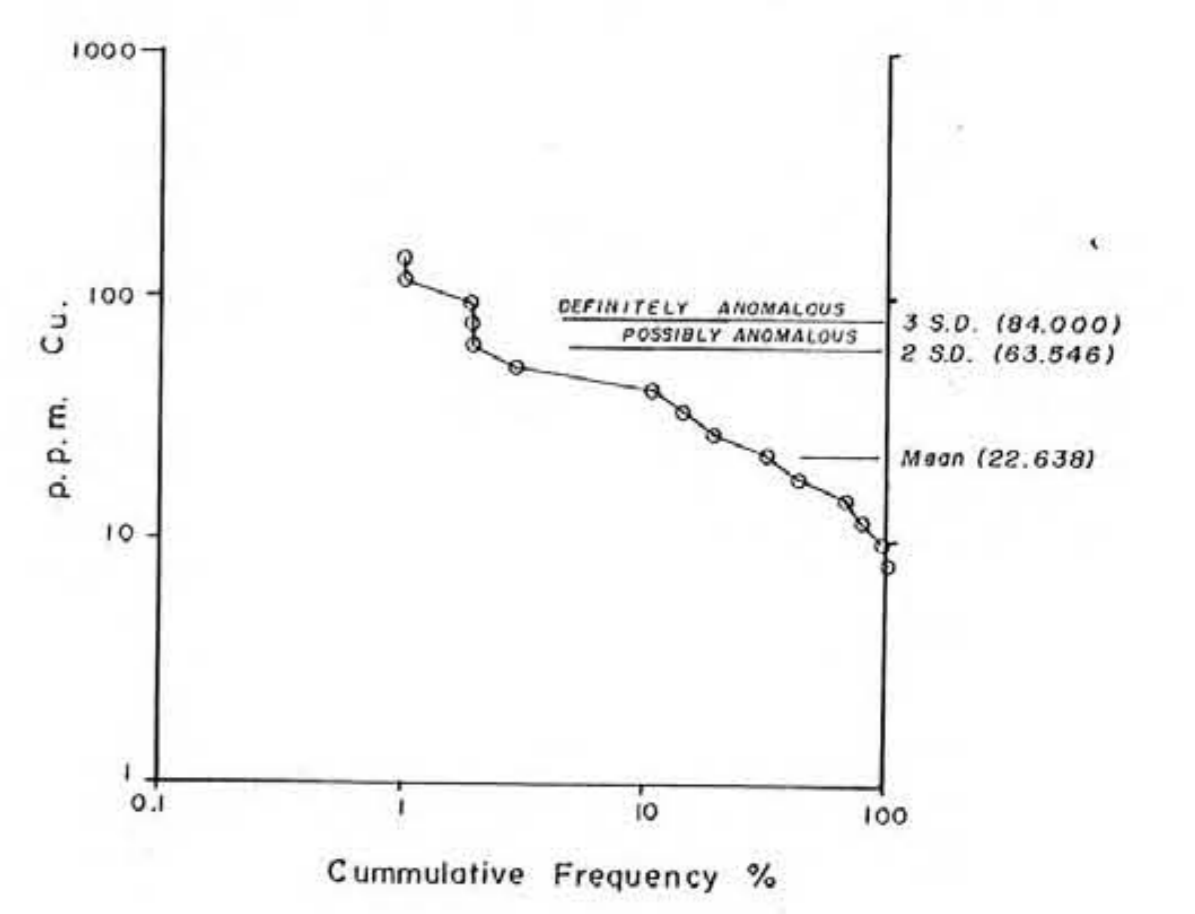


—SYMBOLS—

- Grid line
- Soil sample station
- 23, L.O.1 Geochemical analyses: Cu. p.p.m., Ag. p.p.m.
- L denotes less than
- Silver contour lines 0.1 p.p.m.
- Copper contour lines 65 p.p.m., 85 p.p.m., 105 p.p.m., 155 p.p.m.
- O Claim post
- Claim line

—GEOSTATISTICS—

Silver geochemical analysis not relevant due to low values



—SCALE—

1:2,000



GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,952

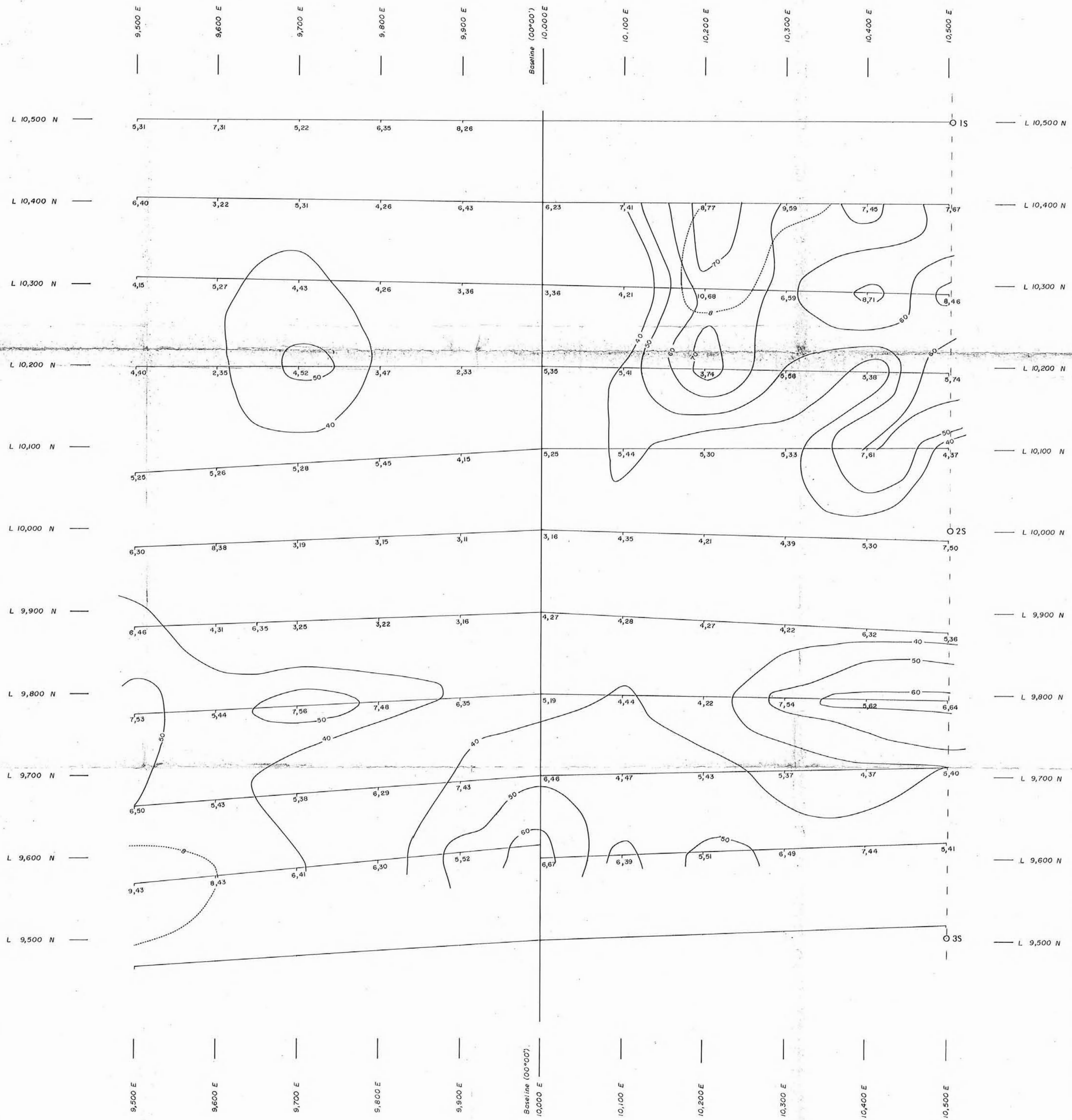
To accompany report by P.P.L. Chung

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GEOLOGICAL CONSULTANTS, RICHMOND, B.C.

DESPERADO RESOURCES INC.
VANCOUVER, BRITISH COLUMBIA

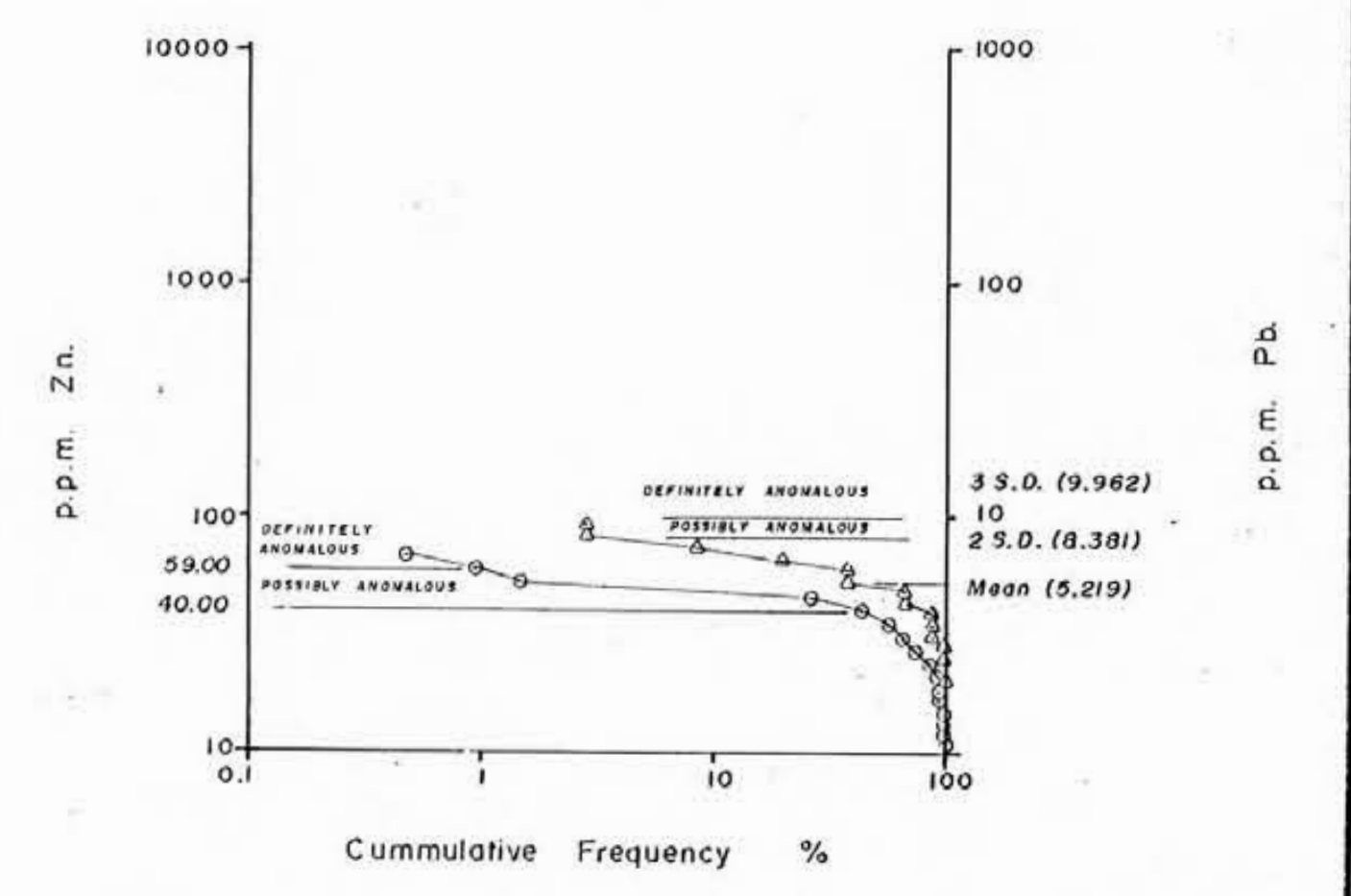
SOIL GEOCHEMICAL PLAN
SILVER (p.p.m.) and COPPER (p.p.m.)
NITA CLAIM
KAMLOOPS MINING DIVISION, B.C.

Technical work by:	R.Chung	N.T.S.:	92 L / 11 W
Drawn by:	P.J.M.	Scale:	1:2,000
Date:	Sept. 1984	Figure No.:	5b

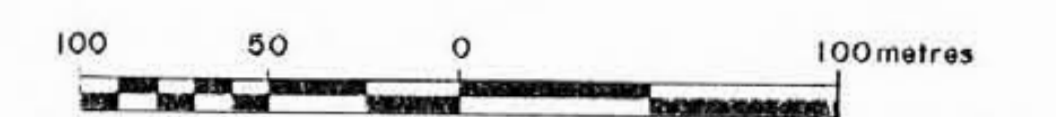


- SYMBOLS —
- Grid line
 - Soil sample station
 - 8,71 Geochemical analyses: Pb. p.p.m., Zn. p.p.m.
 - Lead contour lines (p.p.m.)
 - Zinc contour lines (p.p.m.)
 - O Claim post
 - Claim line

— GEOSTATISTICS —



— SCALE —
1:2,000



GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,952
To accompany report by R.P.L. Chung

BOA SERVICES LTD. GEOLOGICAL CONSULTANTS, RICHMOND, B.C.	
DESPERADO RESOURCES INC. VANCOUVER, BRITISH COLUMBIA	
SOIL GEOCHEMICAL PLAN LEAD (p.p.m.) and ZINC (p.p.m.) NITA CLAIM KAMLOOPS MINING DIVISION, B.C.	
Technical work by: P. Chung	N.T.S. 92 I / H.W.
Drawn by: P.J.M.	Scale: 1:2,000
Date: Sept. 1984	Figure No: 5c