

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 90.01.27

ASSESSMENT REPORT 18330

MINING DIVISION: Lillooet

PROPERTY: Bralorne Extension
LOCATION: LAT 50 48 40 LONG 122 50 30
UTM 10 5628613 511155
NTS 092J15W

CAMP: 034 Bridge River Camp

CLAIM(S): Bralorne Ext.
OPERATOR(S): Belzberg, S.A.
AUTHOR(S): Sampson, C.J.
REPORT YEAR: 1988, 29 Pages

COMMODITIES
SEARCHED FOR: Gold
KEYWORDS: Bridge River Group, Ribbon chert

WORK
DONE: Geochemical, Physical
LINE 21.9 km
SOIL 298 sample(s) ;AG,AS,SB,CU,PB,ZN
Map(s) - 3; Scale(s) - 1:2500

RELATED
REPORTS: 17213

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JAN 27 1989
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VANCOUVER, B.C.

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ACTION:	
FILE NO:	

REPORT ON
GEOCHEMICAL SOIL SAMPLING

BRALORNE EXTENSION
GOLDBRIDGE, LILLOET MINING DIVISION
BRITISH COLUMBIA

Latitude: 50°48'N

Longitude: 122°51'W

N.T.S. 92-J-15W

for

Mr. S. BELZBERG

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,330

Vancouver,
10 December 1988

Chris J. Sampson, P.Eng.
Consulting Geologist

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ILLUSTRATIONS

Figure 1: CLAIM MAP

Follows Page 1

Figure 2: GEOCHEMICAL SURVEY RESULTS: Ag, Ag

Figure 3: GEOCHEMICAL SURVEY RESULTS: Cu, Sb

Figure 4: GEOCHEMICAL SURVEY RESULTS: Pb, Zn

APPENDIX A: Geochemical Analyses
Statistical Analysis of Metal Distribution
Analytical Procedures - I.C.P.

BRALORNE EXTENSION CLAIMS

INTRODUCTION

This report describes the results of a geochemical soil sampling survey that was done on the Bralorne Extension Claims during late October 1988.

PROPERTY, LOCATION, ACCESS

The Bralorne Extension Claim is situated 5 kms south of Goldbridge, B.C. in the former producing gold mining Bridge River camp.

Access is easily gained to the property from the Hurley River forest access road. This main haulage logging road connects Goldbridge to Pemberton and serves as a very useful short cut when driving from Pemberton to Goldbridge during the period April through November. The Hurley road is not generally used as a route to Pemberton during winter, since it goes over Railroad Pass which is in excess of 5000 feet and the pass closes during the winter. The northern section of the Hurley Road, i.e. the area immediately south of Goldbridge including the area of the Bralorne Extension Claim, is kept open during the winter because of active logging that occurs in this area and presence of a small lumber mill, which is situated on the Hurley River, approximately 25 kms south of Goldbridge.

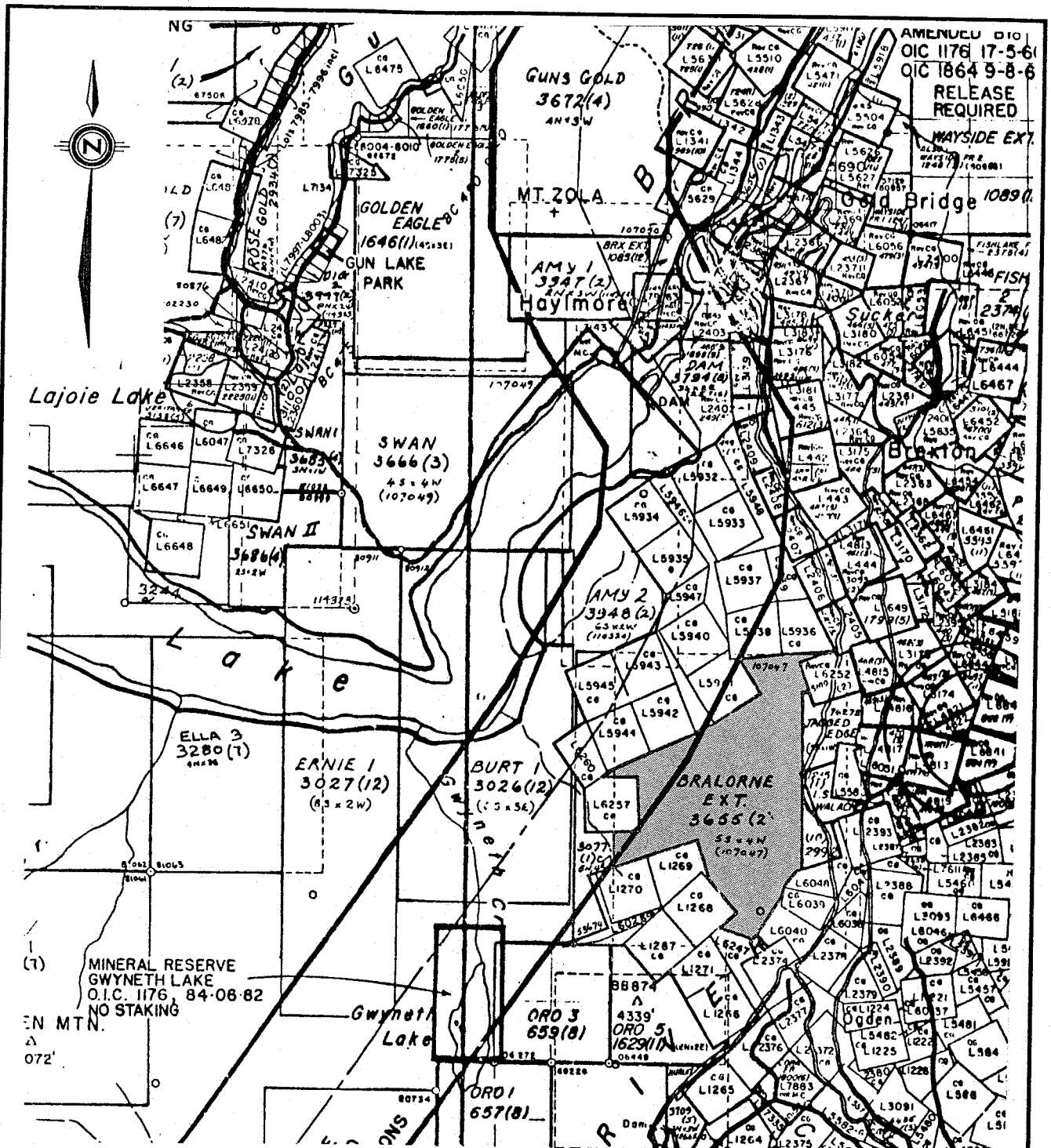
The topography of the Bralorne Extension Claim is gently rolling plateau country. The lowest elevation on the claim group is 3400 feet at the northern end. The ground rises gradually to the south to 4200 feet. There is a fairly extensive overburden cover on most of the claim group and mature stands of spruce and fir.

The property consists of 1 metric unit claim:

Bralone Extension Record No.: 3655 20 Units Expiry Date: 10 Feb.89

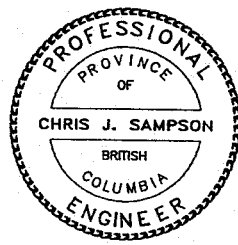
BAMPSON ENGINEERING INC.

2696 West 11th Avenue
Vancouver, B.C. V6K 2L6



AMENDED DIO
OIC 1176 17-5-61
OIC 1864 9-8-6
RELEASE
REQUIRED

(7) MINERAL RESERVE
GWYNETH LAKE
O.I.C. 1176, 84-08-82
NO STAKING
EN MTN.
A
072'



Chris J. Sampson

BRALORNE EXTENSION M.C.	
LILLOOET MINING DIVISION, B.C.	NTS: 92 J/15
CLAIM MAP	
<p>SCALE 1:50 000</p>	
DATE: NOV., 1988	FIGURE No. 1
BY: B.G./rwr	

HISTORY

There is no history of exploration activity on the Bralorne Extension Claim group.

GEOLOGY

As mentioned previously the property is a plateau area and is covered by extensive overburden. It was therefore not mapped by Cairnes in the late 30s. The area was recently mapped as part of the coverage by Church, who indicates that the property is underlain by thin bedded ribbon cherts of the Fergusson series, although areas of Pioneer greenstones may occur on the southern part of the property.

GEOCHEMICAL SOIL SAMPLING

During late October 1988 a field crew from De La Mothe Exploration Services ran a 16 m. east-west baseline, and 21.9 kms of north-south crossline. Geochemical soil samples were then collected at 25 metre spacing along alternate crosslines, i.e. line 7, 9, 11, 13, 15, 17, and 19 west.

Soils are well developed on the Bralorne Extension claims and the samples were collected by using small shovels to dig down to the orange/brown B horizon, which is generally about 10 cms thick in most areas where it was sampled. In each case an approximate 100 gm. sample was placed in a standard brown Kraft geochemical sample bag, air-dried, and shipped to Min-En Laboratories in North Vancouver.

The 298 soil samples were analyzed by ICP methods for 6 elements (silver, arsenic, lead, zinc, copper and antimony). Values for each metal were then plotted on histograms assuming a log normal distribution, which is the usual distribution encountered in the Bridge River area, and anomalous values established. The values for the elements were then plotted on maps (silver, arsenic - Fig. 2; lead, zinc - Fig. 3; copper, antimony - Fig. 4).

Geochemical analytical procedures, together with results of the analyses and statistical interpretation of the results are contained in Appendix A.

The following anomalous values were established for each element:

Ag	1.1 ppm
As	35 ppm
Pb	29 ppm
Zn	295 ppm
Sb	5 ppm
Cu	50 ppm.

The overall strength of these values is low for the Bridge River area. The anomalous values are also correspondingly of weak strength for Bridge River geochemical soil samples. There are no anomalous geochemical values in the central or western part of the claim, but some weakly anomalous areas do exist on lines 7 and 9 west. In particular, some strong lead, zinc values with coincident silver, antimony and copper response are present on line 7W north.

COST STATEMENT FOR ASSESSMENT WORK CREDITSCONTRACT SERVICES:

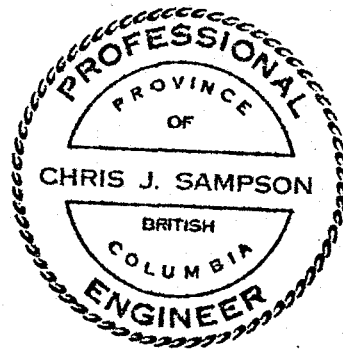
Grid Layout: 21.9 kms of line at \$160/km.	\$3,504.00
Soil Sampling: 11 days at \$160/day (De La Mothe Exploration Services, North Vancouver, B.C.)	1,706.00
Field Supervision: K. Embree 2 days @ \$200/day	400.00
Geochemical Analyses: (Min-En Labs, N. Vanc.)	1,791.00
Sampson Engineering: 2 days Consulting - Report preparation at \$300/day	600.00
Drafting: (RWR Drafting Services)	533.15
Typing and Printing	<u>100.00</u>
	<u>\$8,634.15</u>

SAMPSON ENGINEERING INC.2696 West 11th Avenue
Vancouver, B.C. V6K 2L6

CERTIFICATE

I, Christopher J. Sampson, of 2696 West 11th Avenue, Vancouver, B.C. V6K 2L6, hereby certify that:

1. I am a graduate (1966) of the Royal School of Mines, London University, England with a Bachelor of Science degree (Honours) in Economic Geology.
2. I have practised my profession of mining exploration for the past 22 years in Canada, Europe, United States and Central America. For the past 12 years I have been based in British Columbia.
3. I am a consulting geologist. I am a registered member in good standing of the Association of Professional Engineers of British Columbia.
4. I have not written any other reports on the Bralorne Extension claims nor on any other properties within 10 kms. of those claims.
5. The present report is based on knowledge gained from a visit to the property in October 1988, study of published and unpublished reports and supervision of the work programme.



Vancouver, B.C.
1 December 1988

Chris J. Sampson

Christopher J. Sampson, P.Eng.
Consulting Geologist

APPENDIX A

Geochemical Soil Sampling Results

SAMPSON ENGINEERING INC.

2696 West 11th Avenue
Vancouver, B.C. V6K 2L6

COMPANY: LANA GOLD

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: BRALORNE EXT.

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-2058/P1+2

ATTENTION: SYD BELZBERG/C. SAMPSON

(604) 980-5814 OR (604) 988-4524 * TYPE SOIL GEOCHEM *

DATE: NOVEMBER 18, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN
B7W1000N	1.0	9	19	22	3	90
B7W1025N	.9	3	33	22	1	139
B7W1050N	.8	14	47	23	1	193
B7W1075N	.8	5	48	17	1	136
B7W1100N	.9	3	18	20	2	103
B7W1125N	.8	7	32	22	1	165
B7W1150N	.8	7	28	19	1	145
B7W1175N	.7	4	20	25	1	178
B7W1200N	.7	4	30	29	1	250
B7W1225N	.9	7	22	18	1	131
B7W1250N	.8	1	49	21	1	207
B7W1275N	.9	3	21	19	2	162
B7W1300N	.8	5	26	21	2	121
B7W1325N	.8	7	47	18	1	179
B7W1350N	.7	2	60	22	1	109
B7W1375N	.8	3	42	27	1	246
B7W1400N	.7	4	44	22	1	173
B7W1425N	.9	9	23	19	4	124
B7W1525N	.8	4	26	22	2	195
B7W1625N	1.0	7	21	20	3	107
B7W1650N	.9	4	18	21	2	149
B7W1675N	.9	4	12	21	1	190
B7W1700N	.8	4	15	19	1	165
B7W1725N	.8	7	34	17	2	77
B7W1750N	.8	6	25	19	2	151
B7W1775N	.8	7	22	19	1	259
B7W1800N	.7	3	20	23	1	238
B7W1825N	.9	3	61	30	1	187
B7W1850N	.7	4	27	23	1	266
B7W1875N	.8	2	16	22	1	391
B7W1900N	.7	4	8	16	3	73
B7W1925N	.6	11	34	20	1	140
B7W1950N	.7	1	30	29	1	334
B7W1975N	.7	1	22	23	1	190
B7W2000N	.9	1	26	22	1	218
B7W2025N	.7	13	34	25	1	248
B7W2050N	.8	5	30	17	2	185
B7W2075N	.7	17	48	29	1	258
B7W2100N	.8	14	44	23	1	303
B7W2125N	.9	1	33	21	1	447
B7W2150N	.8	7	40	20	1	244
B7W2175N	.7	12	64	34	1	295
B7W2200N	1.0	5	26	21	1	337
B7W2225N	1.0	7	17	20	4	174
B7W2250N	1.0	4	116	24	1	331
B7W2300N	.9	3	30	36	1	326
B7W2325N	1.0	14	50	31	1	527
B7W2350N	1.0	9	10	12	4	83
B7W2375N	.8	8	49	31	1	612
B7W2400N	1.0	9	55	22	1	102
B7W2425N	1.0	7	18	20	2	171
B7W2450N	1.0	9	12	26	2	170
B7W2475N	1.0	18	37	16	1	145
B7W2500N	1.0	3	64	23	1	113
B7W2525N	1.0	4	39	20	1	201
B7W2550N	1.1	3	34	23	2	275
B7W2575N	1.0	15	55	15	5	205
B7W2600N	1.0	3	41	23	1	127
B7W2625N	1.0	5	32	21	2	192
B7W2650N	.9	4	26	16	1	183

COMPANY: LANA GOLD
 PROJECT NO: BRALORNE EXT.
 ATTENTION: SYD BELZBERG/C. SAMPSON

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524 # TYPE SOIL GEOCHEM #

(ACT:F31) PAGE 1 OF 1
 FILE NO: 8-2058/P3+4
 DATE: NOVEMBER 18, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN
B7W2675N	.7	1	36	17	6	184
B7W2700N	.6	12	33	27	1	215
B7W2725N	.9	4	28	22	2	204
B7W2750N	1.0	9	21	18	6	65
B7W2800N	.8	4	48	21	4	157
B7W2825N	.9	6	32	21	6	161
B7W2850N	1.0	9	60	19	4	64
B7W2875N	1.0	6	20	21	6	207
B7W2900N	.8	8	23	21	5	214
B7W2925N	.7	7	50	15	8	162
B7W2950N	.6	1	27	30	3	324
B7W2975N	.7	3	29	29	3	342
B7W3025N	.8	8	26	18	3	214
B7W3050N	1.0	5	20	20	6	273
B7W3075N	.7	1	62	38	1	301
B7W3100N	.9	5	39	18	3	224
B7W3150N	.9	6	35	18	6	133
B7W3175N	.9	7	39	21	3	134
B7W3200N	.9	8	36	13	6	59
B9W0850N	1.0	9	16	17	6	152
B9W0875N	.9	8	10	16	8	73
B9W0900N	.8	7	21	25	4	227
B9W0925N	.9	6	14	18	5	73
B9W0950N	.8	7	17	20	5	82
B9W0975N	.8	3	23	22	4	338
B9W1000N	.8	4	48	21	5	196
B9W1025N	.7	3	20	24	4	161
B9W1050N	.7	3	26	25	5	157
B9W1075N	.7	6	21	23	6	114
B9W1100N	.7	7	35	27	5	148
B9W1125N	.8	4	44	27	1	188
B9W1150N	.7	7	55	27	1	257
B9W1175N	.8	5	57	38	1	257
B9W1200N	.8	5	72	27	1	206
B9W1225N	.8	5	25	34	1	164
B9W1275N	.9	7	13	19	2	94
B9W1300N	.9	9	22	18	2	107
B9W1325N	.9	10	26	24	1	160
B9W1350N	.9	9	14	31	1	220
B9W1375N	.9	16	18	19	2	73
B9W1400N	.9	18	12	18	3	151
B9W1425N	1.1	17	25	29	3	163
B9W1475N	1.0	13	18	28	3	134
B9W1500N	1.0	8	20	23	3	83
B9W1525N	.9	10	32	15	2	95
B9W1550N	.9	7	35	27	2	167
B9W1575N	.9	9	63	27	1	150
B9W1625N	1.0	12	16	19	3	186
B9W1650N	1.1	7	25	23	1	241
B9W1675N	1.1	11	21	18	2	128
B9W1750N	1.0	8	13	25	3	119
B9W1775N	1.0	9	14	19	3	191
B9W1800N	1.1	8	28	23	2	171
B9W1825N	1.0	12	12	20	3	128
B9W1850N	1.1	5	86	34	1	450
B9W1875N	.8	9	33	24	2	126
B9W1925N	1.0	9	13	19	3	95
B9W1950N	1.0	11	18	14	3	107
B9W1975N	1.0	13	21	16	3	59
B9W2000N	1.1	10	26	20	2	192

COMPANY: LANA GOLD
 PROJECT NO: BRALORNE EXT.

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(ACT:F31) PAGE 1 OF 1

FILE NO: 8-2058/P5+6

ATTENTION: SYD BELZBERG/C.SAMPSON

(604)980-5814 OR (604)988-4524 † TYPE SOIL GEOCHEM †

DATE:NOVEMBER 18, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN
B9W2025N	.6	9	22	13	1	78
B9W2050N	.7	7	21	13	1	82
B9W2075N	.7	9	34	16	1	105
B9W2100N	.8	10	25	22	1	154
B9W2125N	.9	9	12	15	2	130
B9W2150N	.9	9	26	13	3	63
B9W2175N	.9	10	8	17	3	27
B9W2200N	.9	12	16	16	2	160
B9W2225N	.8	11	19	16	2	95
B9W2250N	.8	7	37	16	1	173
B9W2275N	.8	9	21	15	1	83
B9W2300N	.8	9	24	11	2	131
B9W2325N	.9	9	21	14	3	83
B9W2350N	.9	9	12	11	2	98
B9W2375N	.9	13	29	16	2	73
B9W2525N	.9	9	9	9	2	41
B9W2550N	.7	37	25	19	2	178
B9W2575N	.9	13	18	17	2	79
B9W2600N	.9	10	18	18	2	120
B9W2625N	.9	14	21	14	2	87
B9W2650N	.8	12	25	12	2	65
B9W2675N	1.0	12	10	15	4	30
B9W2700N	.9	11	21	9	4	54
B9W2725N	.9	11	16	22	2	235
B9W2775N	.8	9	15	17	2	112
B9W2800N	.7	10	20	17	2	81
B9W2825N	.8	9	23	18	2	108
B9W2850N	.9	7	17	13	3	94
B11W1300N	.9	11	18	16	2	50
B11W1325N	.8	10	12	12	2	57
B11W1350N	.6	4	13	10	1	42
B11W1375N	.6	10	14	9	1	25
B11W1400N	.6	9	7	16	1	49
B11W1425N	.7	11	13	9	1	18
B11W1450N	.8	12	16	16	1	31
B11W1475N	.8	9	23	10	1	29
B11W1500N	.7	11	12	15	2	28
B11W1525N	.7	9	9	14	2	28
B11W1550N	.7	6	15	12	1	75
B11W1575N	.8	11	26	13	1	51
B11W1600N	.7	11	18	12	1	36
B11W1625N	.8	12	17	11	1	34
B11W1650N	.7	12	16	14	1	51
B11W1675N	.8	12	15	17	1	62
B11W1700N	.8	8	20	14	1	49
B11W1725N	.7	10	10	13	2	44
B11W1750N	.8	11	12	11	3	46
B11W1775N	.8	10	17	15	2	65
B11W1800N	.8	11	9	13	3	39
B11W1825N	.9	11	13	18	3	22
B11W1850N	.8	12	16	9	3	47
B11W1875N	.8	14	22	14	3	47
B11W1900N	.8	10	27	12	2	63
B11W1925N	.8	13	29	10	3	25
B11W1950N	.8	12	22	11	3	82
B11W1975N	.8	10	15	19	1	100
B11W2000N	.8	10	31	13	2	48
B11W2025N	.8	10	31	22	2	98
B11W2050N	.8	12	36	18	2	82
B11W2075N	.8	8	18	24	1	151

COMPANY: LANA GOLD

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: BRALORNE EXT.

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: B-2058/P7+8

ATTENTION: SYD BELZBERG/C. SAMPSON

(604)980-5814 DR (604)988-4524

† TYPE SOIL GEOCHEM †

DATE:NOVEMBER 18, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN
B11W2300N	.7	6	32	15	1	146
B11W2325N	.8	4	25	24	1	198
B11W2350N	.6	5	28	25	1	221
B11W2375N	.7	7	20	16	1	115
B11W2400N	.7	6	40	17	1	120
B11W2425N	.7	10	35	18	1	104
B11W2475N	.7	9	34	23	1	100
B11W2500N	.7	10	30	19	1	171
B11W2525N	.8	8	25	21	1	169
B11W2575N	.7	11	9	15	2	58
B11W2625N	.7	10	16	15	1	45
B11W2650N	.7	9	32	16	1	121
B11W2675N	.8	11	32	19	1	97
B11W2700N	.8	8	22	17	1	132
B13W1600N	.7	12	15	13	2	30
B13W1625N	.8	9	17	17	2	38
B13W1650N	.8	15	15	17	2	33
B13W1675N	.8	13	17	19	2	35
B13W1700N	.8	12	18	18	2	39
B13W1725N	.9	10	10	15	1	32
B13W1800N	.8	11	14	16	2	36
B13W1825N	.8	8	14	20	2	41
B13W1850N	.9	10	8	15	3	24
B13W1875N	.8	12	11	19	3	34
B13W1900N	.8	11	20	18	2	46
B13W1925N	.8	7	22	22	1	110
B13W1950N	.9	9	58	19	2	27
B13W1975N	.8	11	19	17	3	54
B13W2000N	.8	11	9	20	2	57
BL2000N13W	.7	11	16	21	2	53
B13W2050N	.6	5	9	16	1	63
B13W2175N	.6	9	9	20	1	70
B13W2200N	.6	7	14	15	1	52
B13W2225N	.8	9	6	19	2	52
B13W2250N	.8	10	13	15	2	79
B13W2275N	.8	10	11	15	1	107
B13W2325N	.8	10	24	13	1	70
B13W2350N	.8	11	22	13	1	75
B13W2375N	.8	13	25	15	2	54
B13W2400N	.8	9	34	23	1	120
B13W2425N	.8	10	18	16	2	62
B13W2450N	.7	9	12	15	1	91
B13W2475N	.9	13	21	18	1	108
B13W2575N	.8	9	38	17	1	99
B13W2600N	.8	13	24	21	3	55
B15W1600N	.8	9	26	22	2	54
B15W1625N	.9	13	23	13	2	28
B15W1650N	.8	12	19	16	2	32
B15W1675N	.8	9	31	30	1	75
B15W1700N	.8	11	26	14	1	36
B15W1725N	.9	10	27	16	3	53
B15W1750N	.8	14	23	18	3	39
B15W1775N	.9	11	15	18	3	39
B15W1800N	.8	11	15	18	2	40
B15W1825N	.9	14	12	13	3	38
B15W1850N	.9	11	27	18	3	46
B15W1875N	.7	11	25	16	3	55
B15W1900N	.8	14	15	23	2	116
B15W1950N	.8	12	24	15	2	55
B15W2000N	.8	10	21	21	2	72

COMPANY: LANA GOLD
PROJECT NO: BRALORNE EXT.

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(ACT:F31) PAGE 1 OF 1
FILE NO: 8-2058/P9+10
DATE:NOVEMBER 18, 1988

ATTENTION: SYD BELZBERG/C. SAMPSON

(604)980-5814 DR (604)988-4524 † TYPE SOIL GEOCHEM †

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN
B15W2000NDUPL.	.7	8	24	14	1	58
B15W2025N	.8	6	19	12	1	60
B15W2050N	.7	7	20	14	1	106
B15W2075N	.8	8	18	12	1	102
B15W2100N	.8	5	14	6	1	73
B15W2125N	.7	8	27	16	1	106
B15W2150N	.8	11	19	19	1	120
B15W2175N	.8	8	36	23	1	196
B15W2200N	.8	9	23	11	1	43
B15W2225N	.9	13	24	16	2	93
B15W2250N	1.0	9	21	24	1	139
B15W2275N	.9	12	21	19	2	100
B15W2300N	1.0	10	19	21	1	94
B15W2325N	.8	10	17	17	1	70
B15W2350N	1.0	10	24	22	1	72
B15W2375N	.9	9	23	16	3	71
B15W2400N	1.0	9	15	10	2	33
B15W2425N	1.0	13	26	19	2	78
B15W2450N	1.0	10	18	23	2	90
B15W2475N	.8	7	12	13	2	65
B15W2500N	1.0	12	27	17	2	88
B17W1500N	.9	13	17	16	2	43
B17W1525N	.9	11	18	17	1	78
B17W1550N	.9	11	19	14	2	53
B17W1575N	.9	9	14	17	1	65
B17W1600N	.8	9	23	18	1	62
B17W1625N	.8	9	12	21	1	49
B17W1650N	.8	13	17	16	2	50
B17W1675N	.8	10	17	18	2	60
B17W1700N	.8	13	13	17	3	52
B17W1725N	.8	7	14	13	1	54
B17W1750N	.8	7	24	18	1	57
B17W1775N	.7	6	18	14	1	45
B17W1800N	.8	9	16	15	1	36
B17W1825N	.8	8	22	16	2	43
B17W1850N	.8	8	18	16	1	120
B17W1875N	.8	7	16	20	2	110
B17W1900N	.8	11	16	26	1	86
B17W1925N	.8	9	24	15	1	70
B17W1950N	.8	8	12	18	1	99
B17W1975N	.8	10	21	15	2	85
B17W2000N	.8	6	22	17	1	95
B17W2025N	.8	9	22	19	1	80
B17W2050N	1.0	10	13	20	2	77
B17W2075N	.8	12	22	16	2	47
B17W2100N	.9	8	23	18	1	101
B17W2125N	.8	11	18	19	2	80
B17W2150N	.9	7	17	14	1	61
B17W2175N	1.0	7	11	25	1	203
B17W2200N	.9	11	21	14	3	60
B17W2225N	.9	10	20	20	1	172
B17W2250N	.8	10	15	16	2	84
B17W2275N	.9	10	14	16	2	88
B17W2300N	1.0	10	13	20	3	82
B17W2325N	1.0	9	18	20	2	75
B17W2350N	.9	10	18	20	2	113
B17W2375N	.9	9	17	16	1	109
B17W2400N	.9	10	12	19	2	61



**MINERAL
• ENVIRONMENTS
LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Analytical Report

Company: LANA GOLD
Project: BRALORNE EXT.
Attention: SYD BELZBERG/C. SAMPSON

File: 8-2058
Date: NOV 18/88
Type: SOIL GEOCHEM

Date Samples Received : NOV 15/88
Samples Submitted by : B. GAME

Report on 298 SOILS Geochem Samples
.....
..... Assay Samples
.....

Copies sent to:

1. LANA GOLD, VANCOUVER, B.C.
2. SAMPSON ENGINEERING, VANCOUVER, B.C.
- 3.

Samples: Sieved to mesh-80..... Ground to mesh

Prepared samples stored: X discarded:
rejects stored: discarded: X

Methods of analysis:

6 ELEMENT TRACE ICP

Remarks

MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON AG

COMPANY: LANA GOLD

DATE: NOVEMBER 25 1988

ATTN: SYD BELZBERG/C. SAMPSON

SAMPLE TYPE: SOIL

PROJECT: BRALORNE EXT.

ANALYSIS TYPE: GEOCHEM

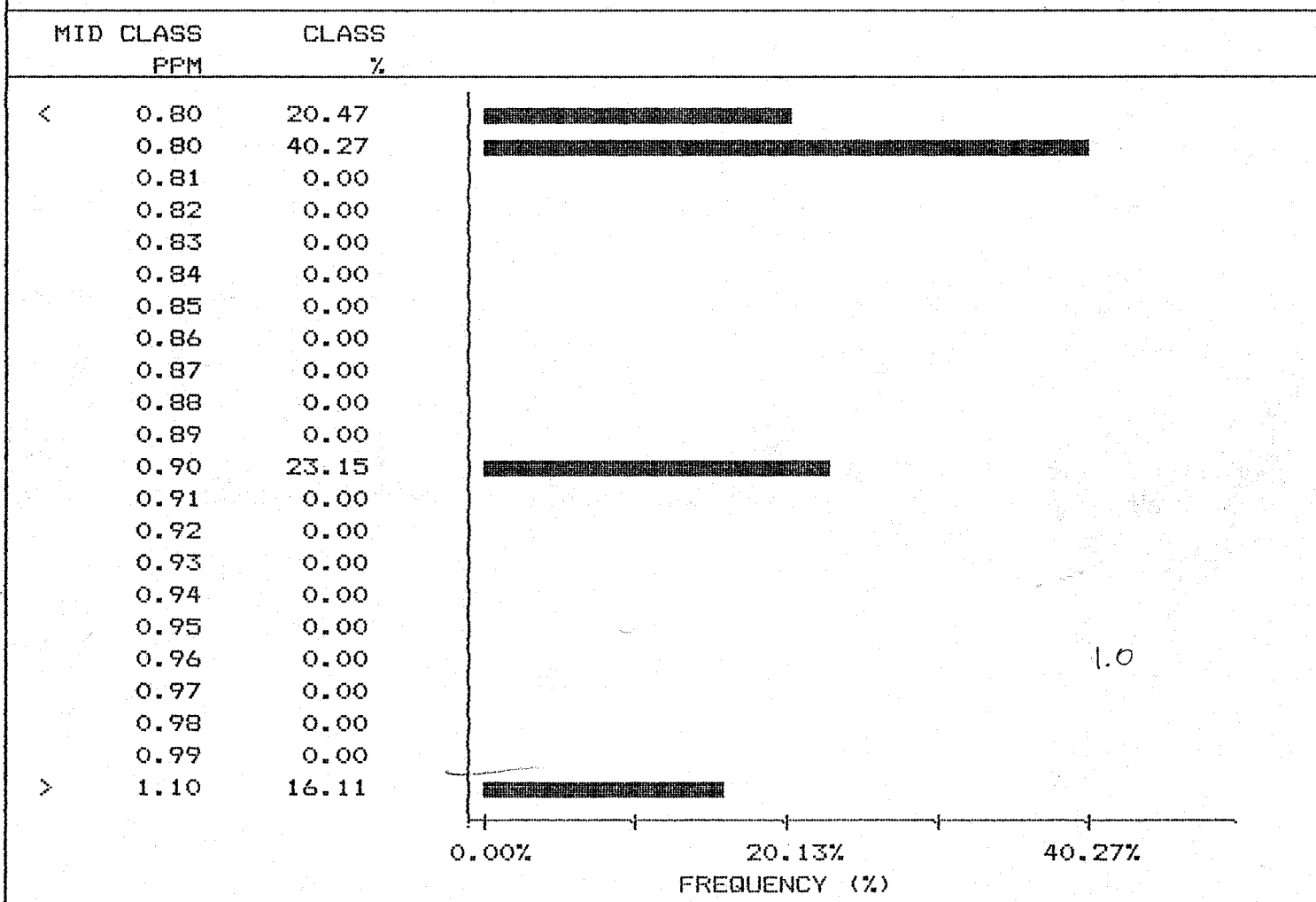
FILE#: 8-2058

NUMBER OF SAMPLES: 298
 MAXIMUM VALUE: 1.1 PPM
 MINIMUM VALUE: 0.6 PPM
 MEAN: 0.8 PPM
 STD. DEVIATION: 0.1 PPM
 COEFF. OF VARIATION: 0.1

5 HIGHEST AG VALUES:
 B7W2550N 1.1 PPM
 B9W1425N 1.1 PPM
 B9W1650N 1.1 PPM
 B9W1675N 1.1 PPM
 B9W1800N 1.1 PPM

HISTOGRAM FOR AG

CLASS INTERVAL = 0.01



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705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON A6

COMPANY: LANA GOLD

DATE: NOVEMBER 25 1988

ATTN: SYD BELZBERG/C. SAMPSON

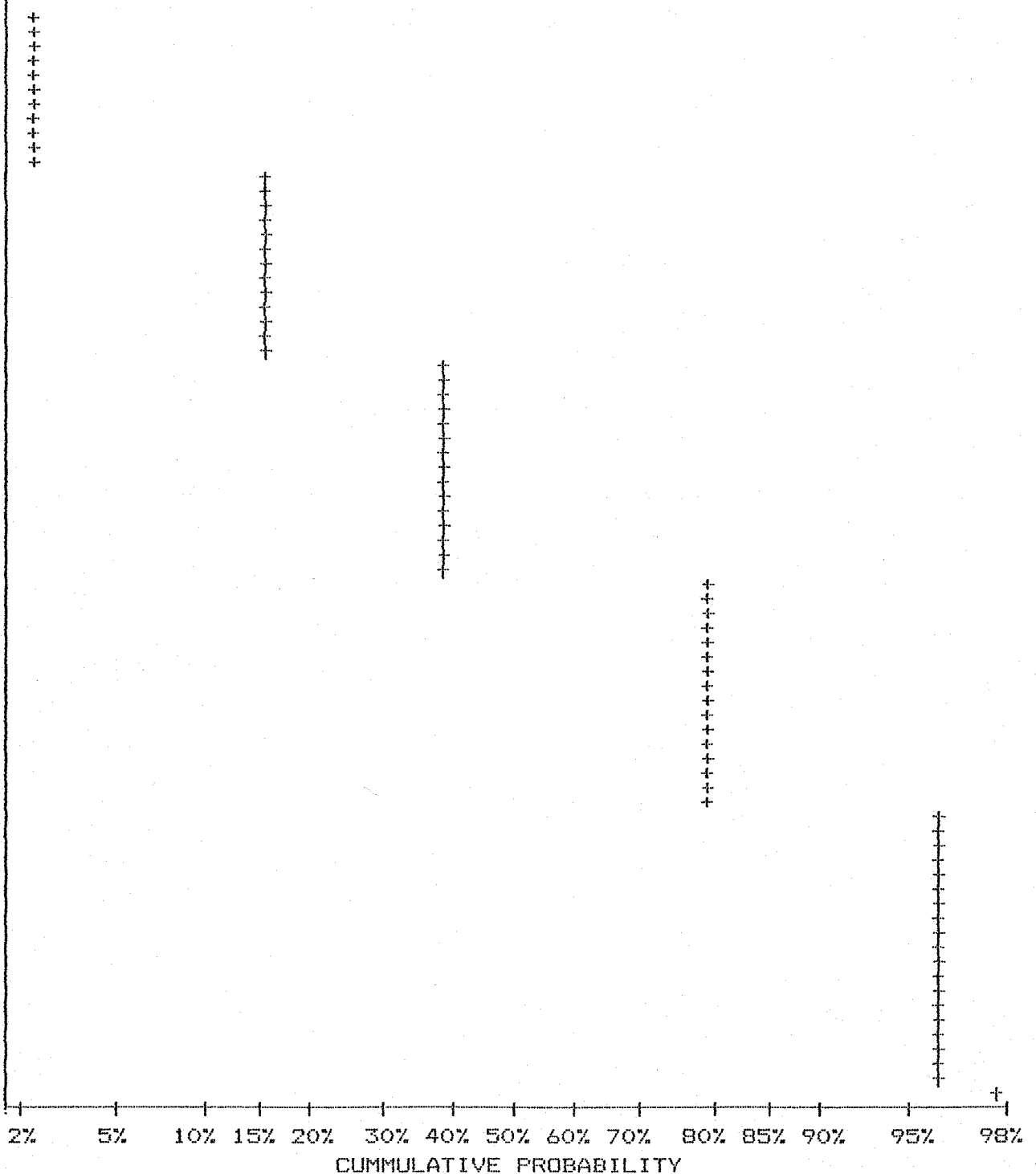
SAMPLE TYPE: SOIL

PROJECT: BRALORNE EXT.

ANALYSIS TYPE: GEOCHEM

FILE#: 8-2058

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
1.09	2.01
1.07	2.01
1.06	2.01
1.04	2.01
1.02	2.01
1.01	2.01
0.99	16.11
0.97	16.11
0.96	16.11
0.94	16.11
0.93	16.11
0.91	16.11
0.90	39.26
0.88	39.26
0.87	39.26
0.86	39.26
0.84	39.26
0.83	39.26
0.82	39.26
0.80	39.26
0.79	79.53
0.78	79.53
0.76	79.53
0.75	79.53
0.74	79.53
0.73	79.53
0.72	79.53
0.71	79.53
0.69	95.97
0.68	95.97
0.67	95.97
0.66	95.97
0.65	95.97
0.64	95.97
0.63	95.97
0.62	95.97
0.61	95.97
0.60	97.99



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SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604) 980-5814 OR (604) 988-4524

STATISTICAL SUMMARY ON AS

COMPANY: LANA GOLD
 ATTN: SYD BELZBERG/C. SAMPSON
 PROJECT: BRALORNE EXT.
 FILE#: 8-2058

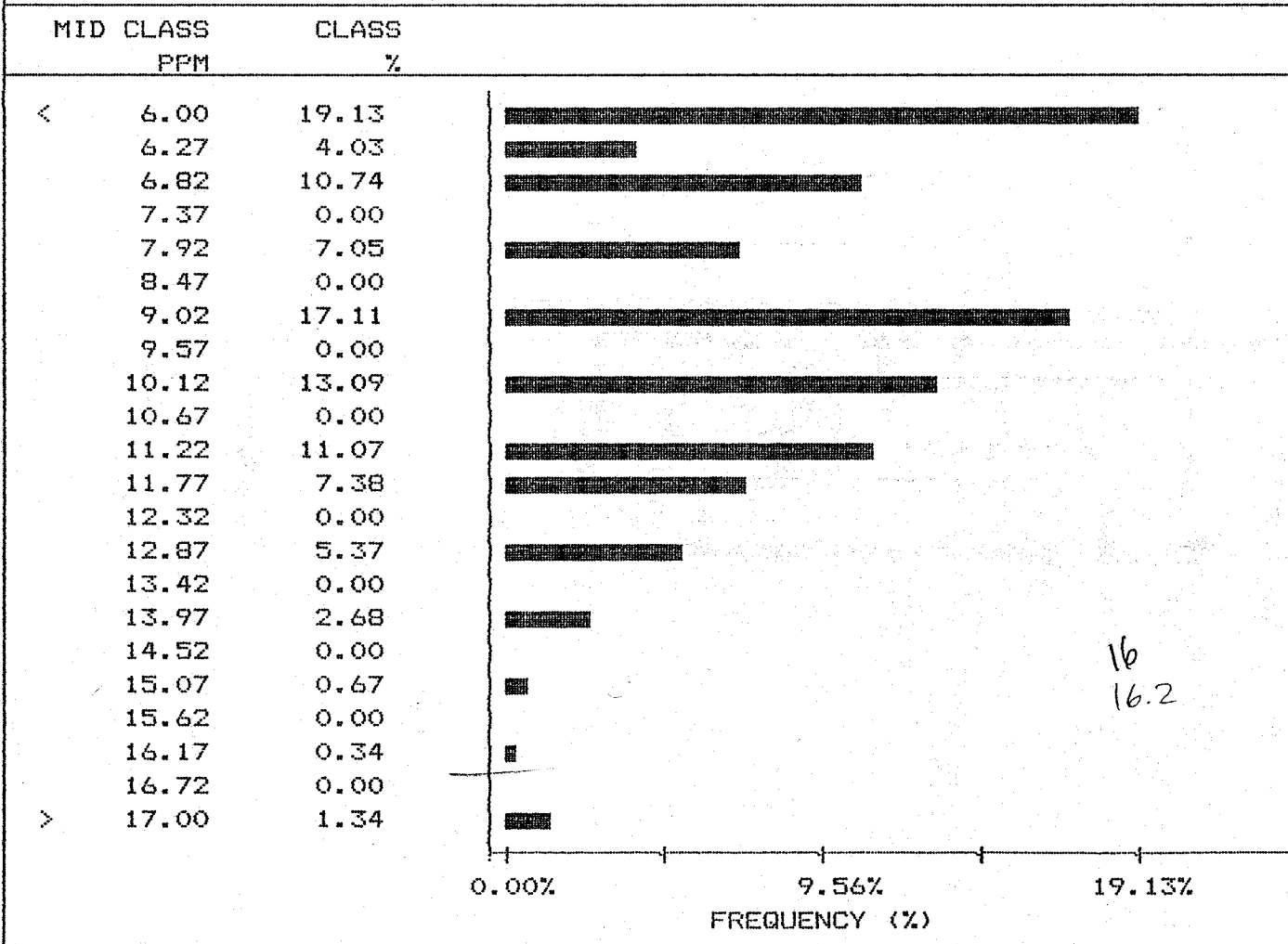
DATE: NOVEMBER 25 1988
 SAMPLE TYPE: SOIL
 ANALYSIS TYPE: GEOCHEM

NUMBER OF SAMPLES: 298
 MAXIMUM VALUE: 37.0 PPM
 MINIMUM VALUE: 1.0 PPM
 MEAN: 8.8 PPM
 STD. DEVIATION: 3.7 PPM
 COEFF. OF VARIATION: 0.4

5 HIGHEST AS VALUES:

B9W2550N	37.0 PPM
B7W2475N	18.0 PPM
B9W1400N	18.0 PPM
B7W2075N	17.0 PPM
B9W1425N	17.0 PPM

HISTOGRAM FOR AS CLASS INTERVAL = 0.55



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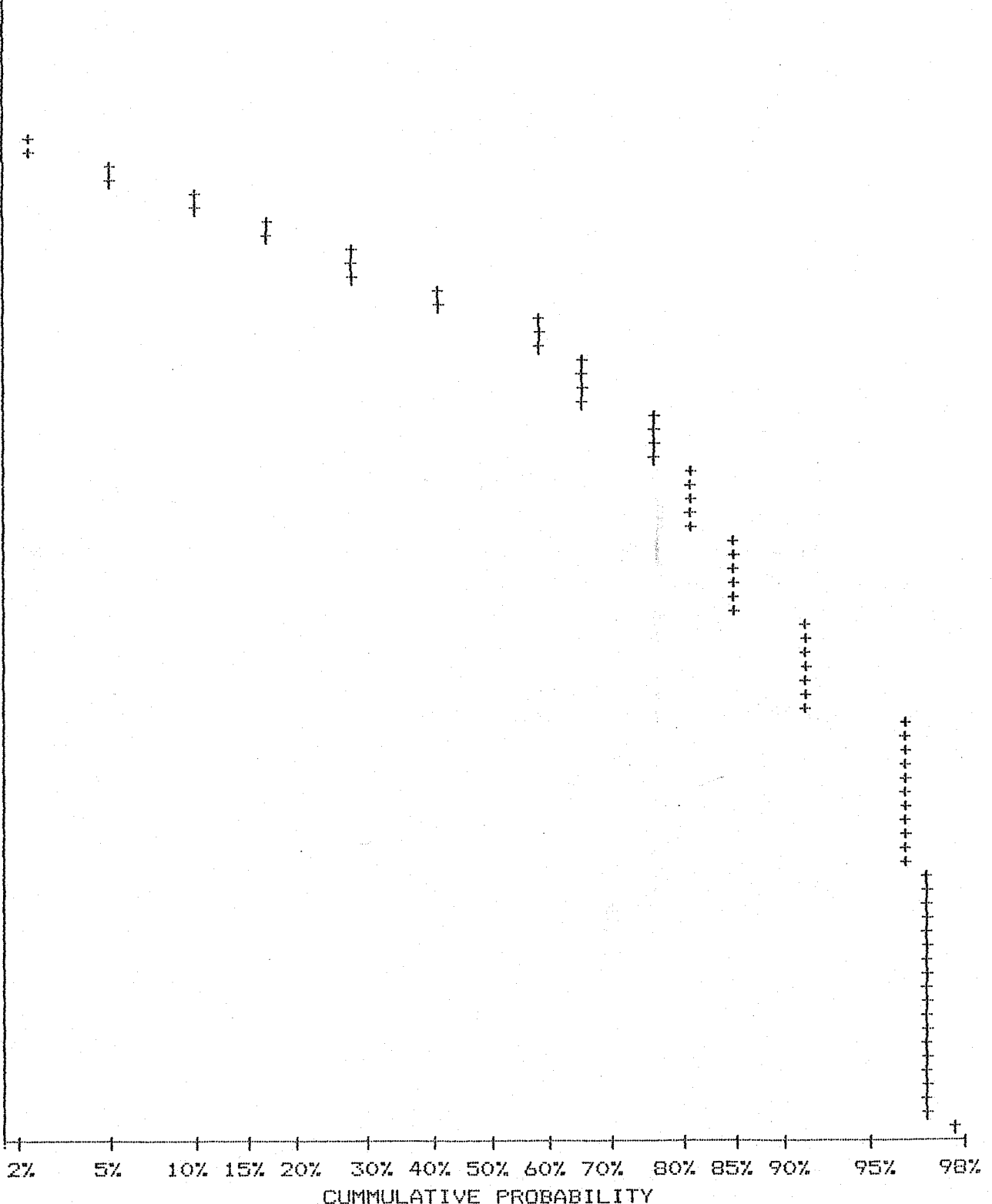
TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON AS

COMPANY: LANA GOLD
 ATTN: SYD BELZBERG/C. SAMPSON
 PROJECT: BRALORNE EXT.
 FILE#: 8-2058

DATE: NOVEMBER 25 1988
 SAMPLE TYPE: SOIL
 ANALYSIS TYPE: GEOCHEM

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
16.37	1.34
15.18	1.68
14.07	2.35
13.05	5.03
12.10	10.40
11.22	17.79
10.40	28.86
9.65	41.95
8.94	59.06
8.29	59.06
7.69	66.11
7.13	66.11
6.61	76.85
6.13	76.85
5.68	80.87
5.27	80.87
4.89	85.57
4.53	85.57
4.20	85.57
3.90	91.61
3.61	91.61
3.35	91.61
3.11	91.61
2.88	96.31
2.67	96.31
2.48	96.31
2.30	96.31
2.13	96.31
1.97	96.98
1.83	96.98
1.70	96.98
1.57	96.98
1.46	96.98
1.35	96.98
1.25	96.98
1.16	96.98
1.08	96.98
1.00	97.99



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TELEX: USA 760167 PHONE: (604) 980-5814 OR (604) 988-4524

STATISTICAL SUMMARY ON CU

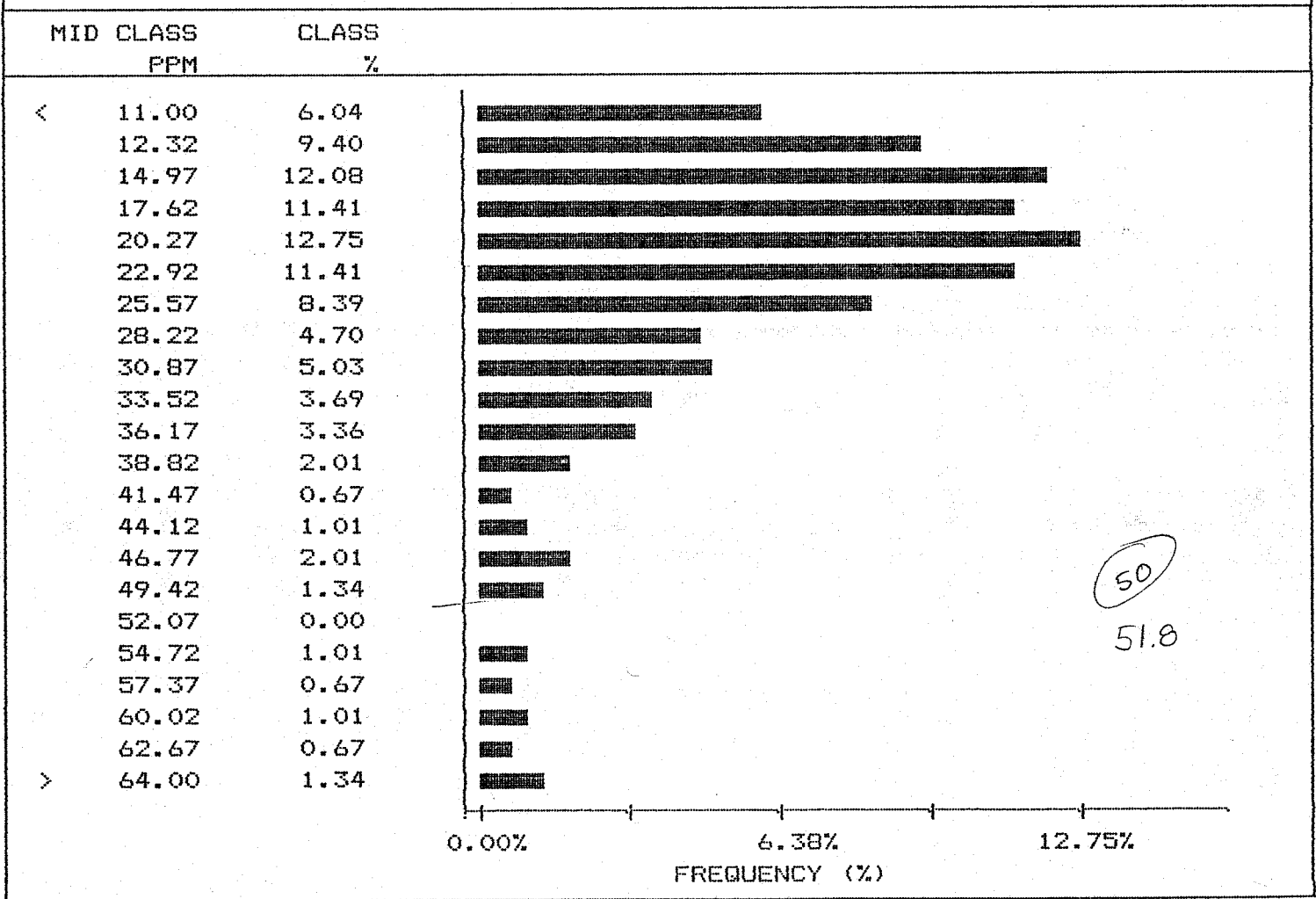
COMPANY: LANA GOLD
 ATTN: SYD BELZBERG/C. SAMPSON
 PROJECT: BRALORNE EXT.
 FILE#: 8-2058

DATE: NOVEMBER 25 1988
 SAMPLE TYPE: SOIL
 ANALYSIS TYPE: GEOCHEM

NUMBER OF SAMPLES: 298
 MAXIMUM VALUE: 116.0 PPM
 MINIMUM VALUE: 6.0 PPM
 MEAN: 24.6 PPM
 STD. DEVIATION: 13.6 PPM
 COEFF. OF VARIATION: 0.6

5 HIGHEST CU VALUES:
 B7W2250N 116.0 PPM
 B9W1850N 86.0 PPM
 B9W1200N 72.0 PPM
 B7W2175N 64.0 PPM
 B7W2500N 64.0 PPM

HISTOGRAM FOR CU CLASS INTERVAL = 2.65



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SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604) 980-5814 OR (604) 988-4524

CUMMULATIVE PROBABILITY PLOT ON CU

COMPANY: LANA GOLD

DATE: NOVEMBER 25 1988

ATTN: SYD BELZBERG/C. SAMPSON

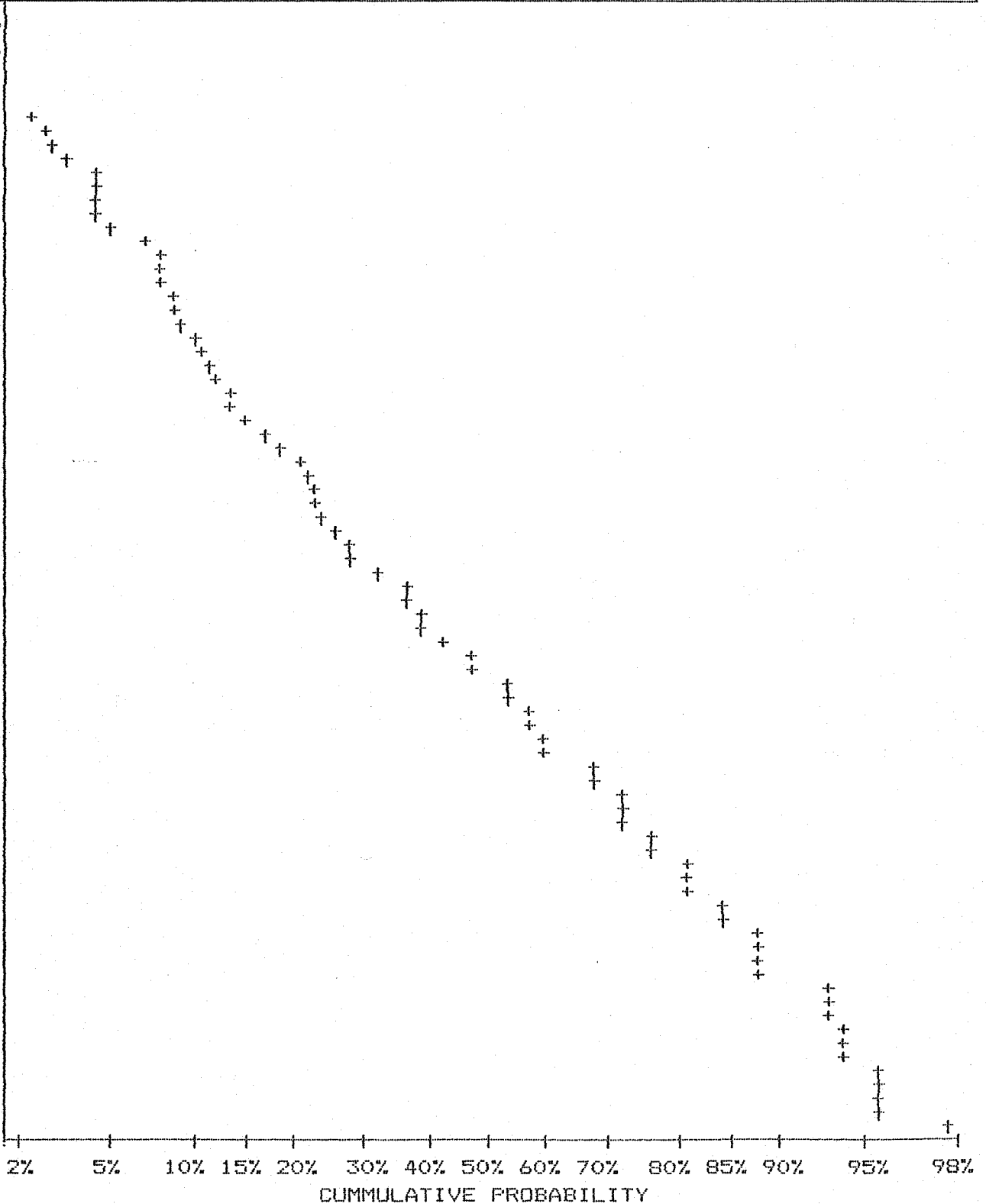
SAMPLE TYPE: SOIL

PROJECT: BRALORNE EXT.

ANALYSIS TYPE: GEOCHEM

FILE#: 8-2058

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
62.35	1.68
59.17	3.02
56.15	3.69
53.29	4.70
50.58	4.70
48.00	7.38
45.55	8.05
43.23	9.06
41.03	9.40
38.94	11.41
36.95	12.42
35.07	13.76
33.28	17.45
31.59	21.14
29.98	23.83
28.45	24.83
27.00	28.52
25.62	33.22
24.32	36.91
23.08	39.93
21.90	48.32
20.78	54.36
19.73	58.39
18.72	61.07
17.77	68.12
16.86	72.48
16.00	72.48
15.19	76.85
14.41	80.87
13.68	84.56
12.98	87.92
12.32	87.92
11.69	92.95
11.09	92.95
10.53	93.96
9.99	95.64
9.48	95.64
9.00	97.99



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SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON PB

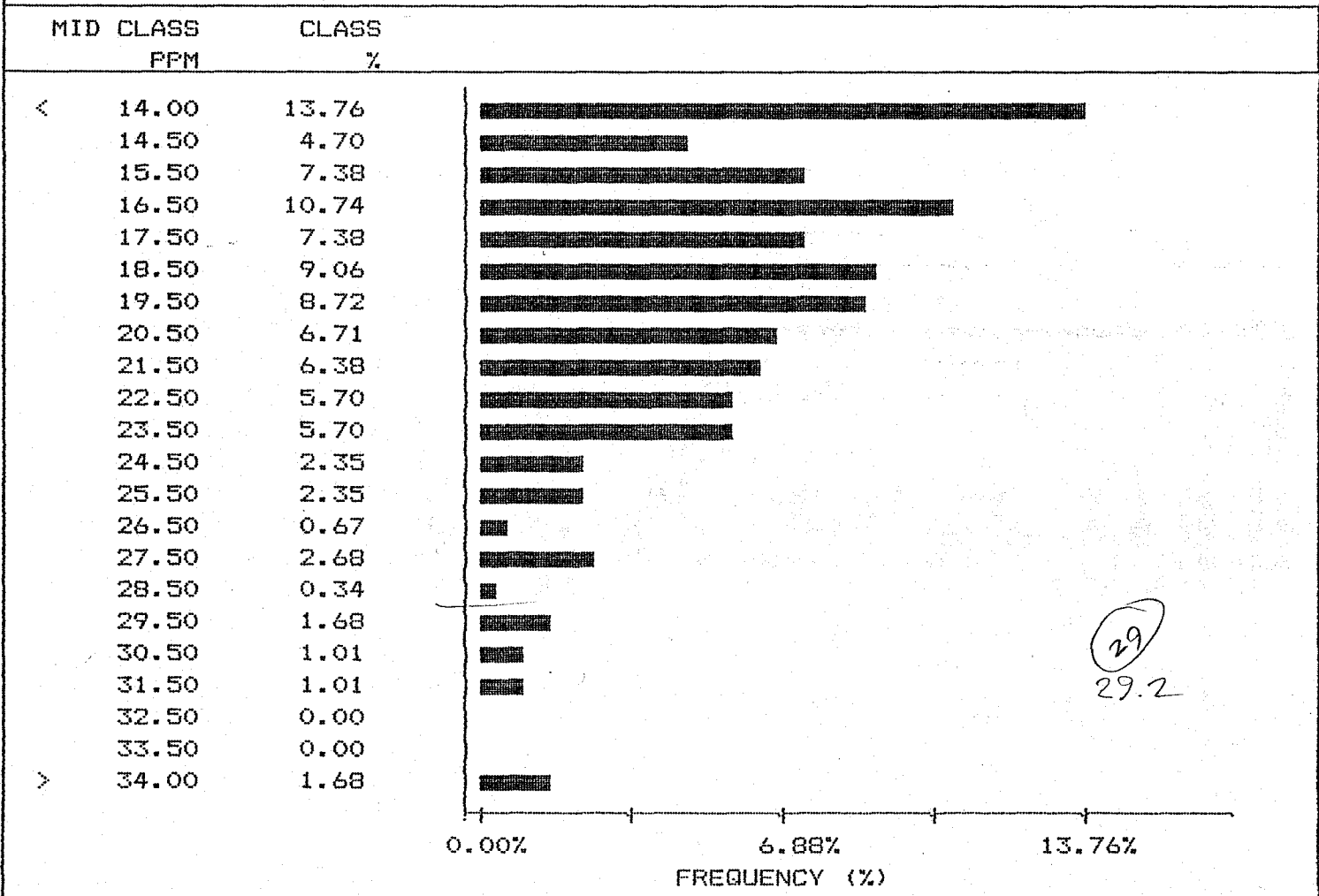
COMPANY: LANA GOLD
 ATTN: SYD BELZBERG/C. SAMPSON
 PROJECT: BRALORNE EXT.
 FILE#: 8-2058

DATE: NOVEMBER 25 1988
 SAMPLE TYPE: SOIL
 ANALYSIS TYPE: GEOCHEM

NUMBER OF SAMPLES: 298
 MAXIMUM VALUE: 38.0 PPM
 MINIMUM VALUE: 6.0 PPM
 MEAN: 18.8 PPM
 STD. DEVIATION: 5.2 PPM
 COEFF. OF VARIATION: 0.3

5 HIGHEST PB VALUES:
 B7W3075N 38.0 PPM
 B9W1175N 38.0 PPM
 B7W2300N 36.0 PPM
 B7W2175N 34.0 PPM
 B9W1225N 34.0 PPM

HISTOGRAM FOR PB CLASS INTERVAL = 1.00



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TELEX: USA 760167 PHONE: (604) 980-5814 OR (604) 988-4524

CUMMULATIVE PROBABILITY PLOT ON PB

COMPANY: LANA GOLD

DATE: NOVEMBER 25 1988

ATTN: SYD BELZBERG/C. SAMPSON

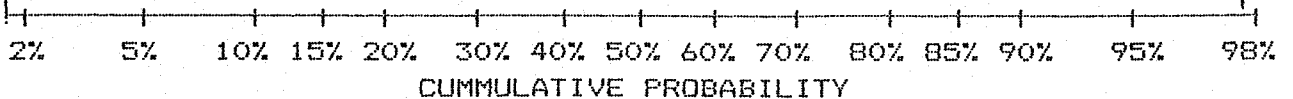
SAMPLE TYPE: SOIL

PROJECT: BRALORNE EXT.

ANALYSIS TYPE: GEOCHEM

FILE#: 8-2058

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
33.40	1.68
32.24	1.68
31.12	1.68
30.03	2.68
28.99	5.37
27.98	5.70
27.00	5.70
26.06	8.39
25.16	9.06
24.28	11.41
23.43	13.76
22.62	19.46
21.83	25.17
21.07	25.17
20.34	31.54
19.63	38.26
18.95	46.98
18.29	46.98
17.65	56.04
17.03	56.04
16.44	63.42
15.87	74.16
15.32	74.16
14.78	81.54
14.27	81.54
13.77	86.24
13.29	86.24
12.83	91.61
12.38	91.61
11.95	94.30
11.53	94.30
11.13	94.30
10.75	96.31
10.37	96.31
10.01	96.31
9.66	97.65
9.32	97.65
9.00	97.99



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SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604) 980-5814 OR (604) 988-4524

STATISTICAL SUMMARY ON SB

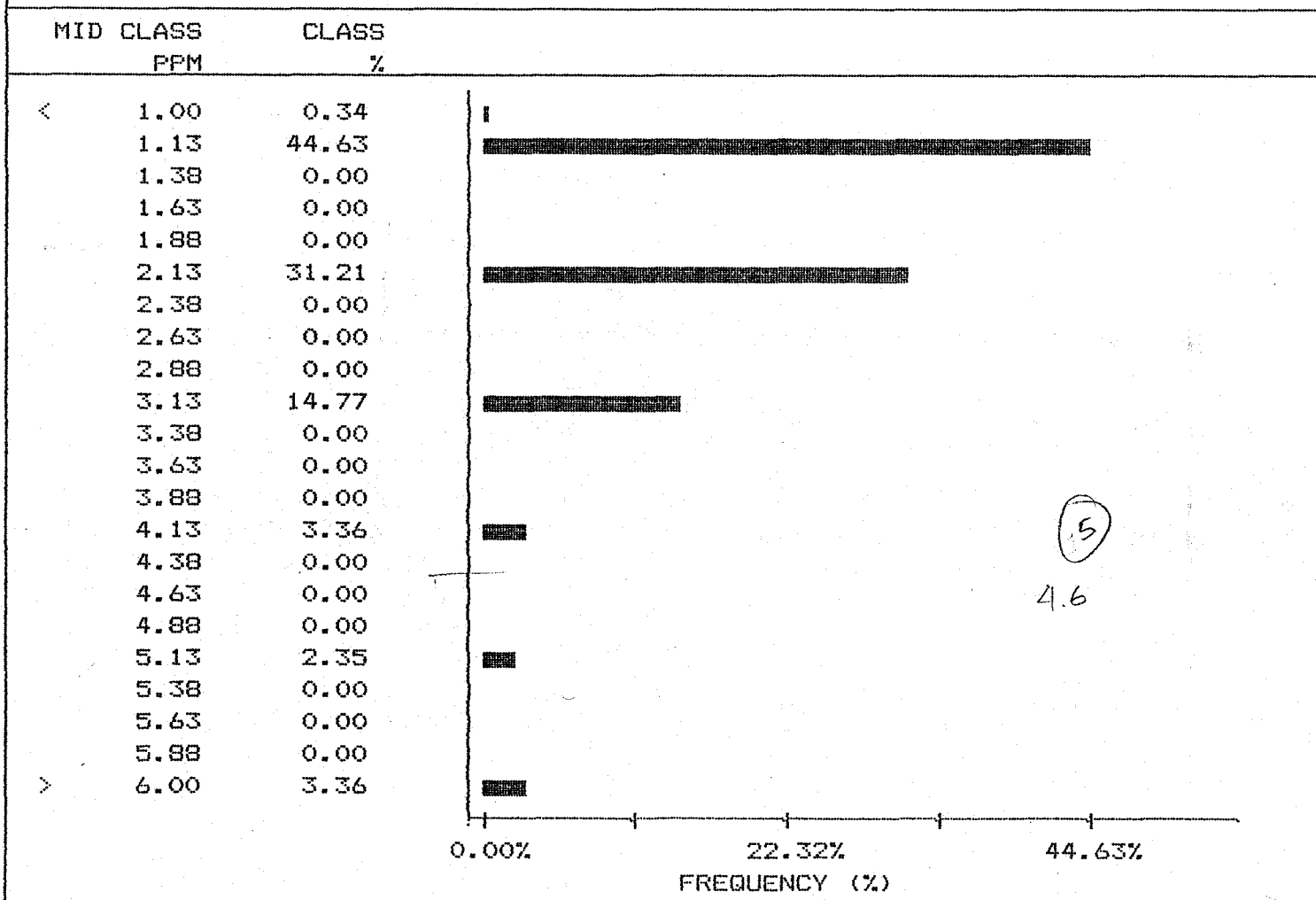
COMPANY: LANA GOLD
 ATTN: SYD BELZBERG/C. SAMPSON
 PROJECT: BRALORNE EXT.
 FILE#: 8-2058

DATE: NOVEMBER 25 1988
 SAMPLE TYPE: SOIL
 ANALYSIS TYPE: GEOCHEM

NUMBER OF SAMPLES: 298
 MAXIMUM VALUE: 8.0 PPM
 MINIMUM VALUE: 1.0 PPM
 MEAN: 2.0 PPM
 STD. DEVIATION: 1.3 PPM
 COEFF. OF VARIATION: 0.6

5 HIGHEST SB VALUES:
 B7W2925N 8.0 PPM
 B9W0875N 8.0 PPM
 B7W2675N 6.0 PPM
 B7W2750N 6.0 PPM
 B7W2825N 6.0 PPM

HISTOGRAM FOR SB CLASS INTERVAL = 0.25



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TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON SB

COMPANY:LANA GOLD

DATE:NOVEMBER 25 1988

ATTN:SYD BELZBERG/C.SAMPSON

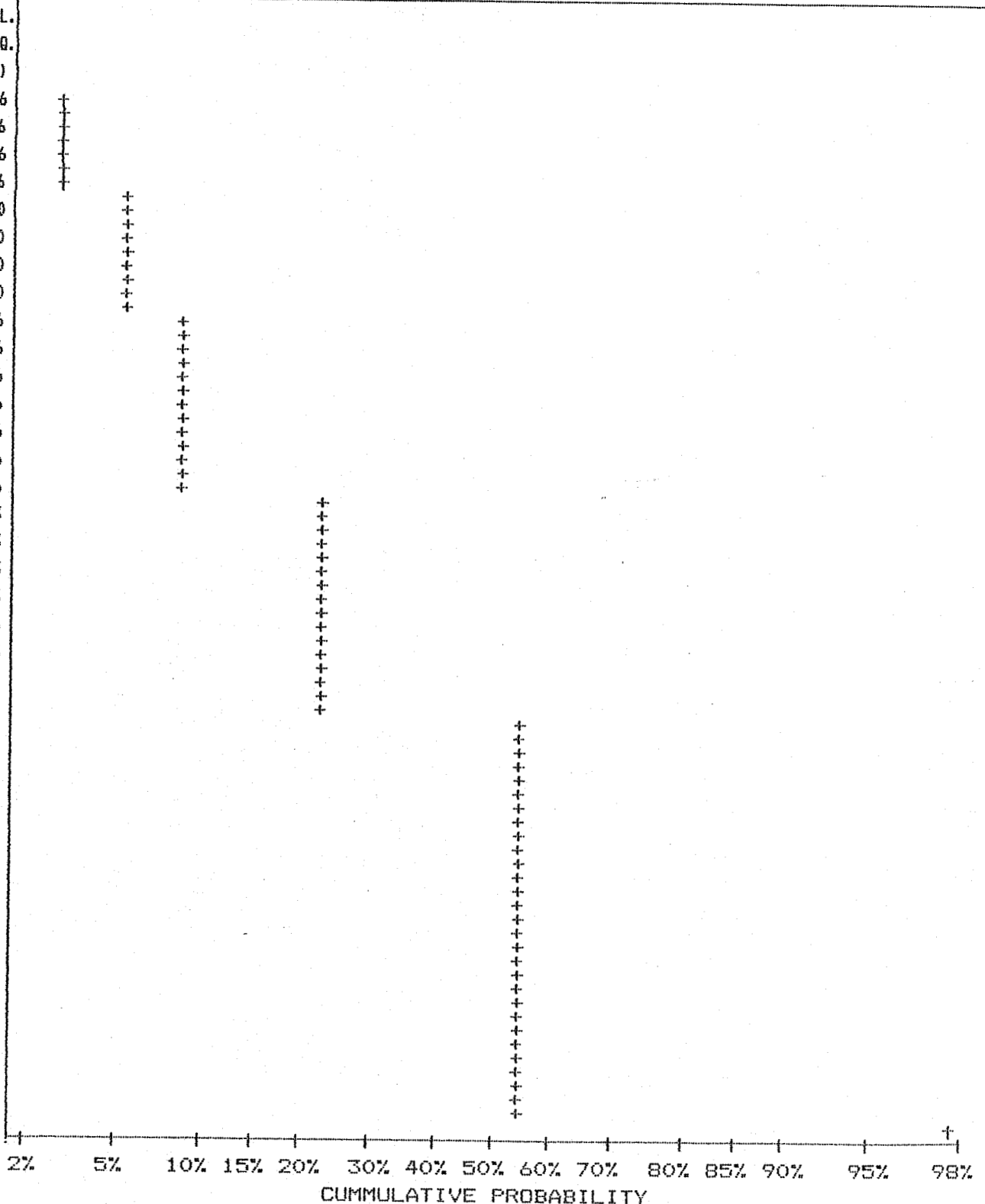
SAMPLE TYPE:SOIL

PROJECT:BRALORNE EXT.

ANALYSIS TYPE:GEOCHEM

FILE#:B-2058

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
5.86	3.36
5.59	3.36
5.32	3.36
5.08	3.36
4.84	5.70
4.61	5.70
4.40	5.70
4.19	5.70
4.00	9.06
3.81	9.06
3.63	9.06
3.46	9.06
3.30	9.06
3.15	9.06
3.00	9.06
2.86	23.83
2.73	23.83
2.60	23.83
2.48	23.83
2.36	23.83
2.25	23.83
2.15	23.83
2.05	23.83
1.95	55.03
1.86	55.03
1.77	55.03
1.69	55.03
1.61	55.03
1.54	55.03
1.47	55.03
1.40	55.03
1.33	55.03
1.27	55.03
1.21	55.03
1.15	55.03
1.10	55.03
1.05	55.03
1.00	97.99



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SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604) 980-5814 OR (604) 988-4524

STATISTICAL SUMMARY ON ZN

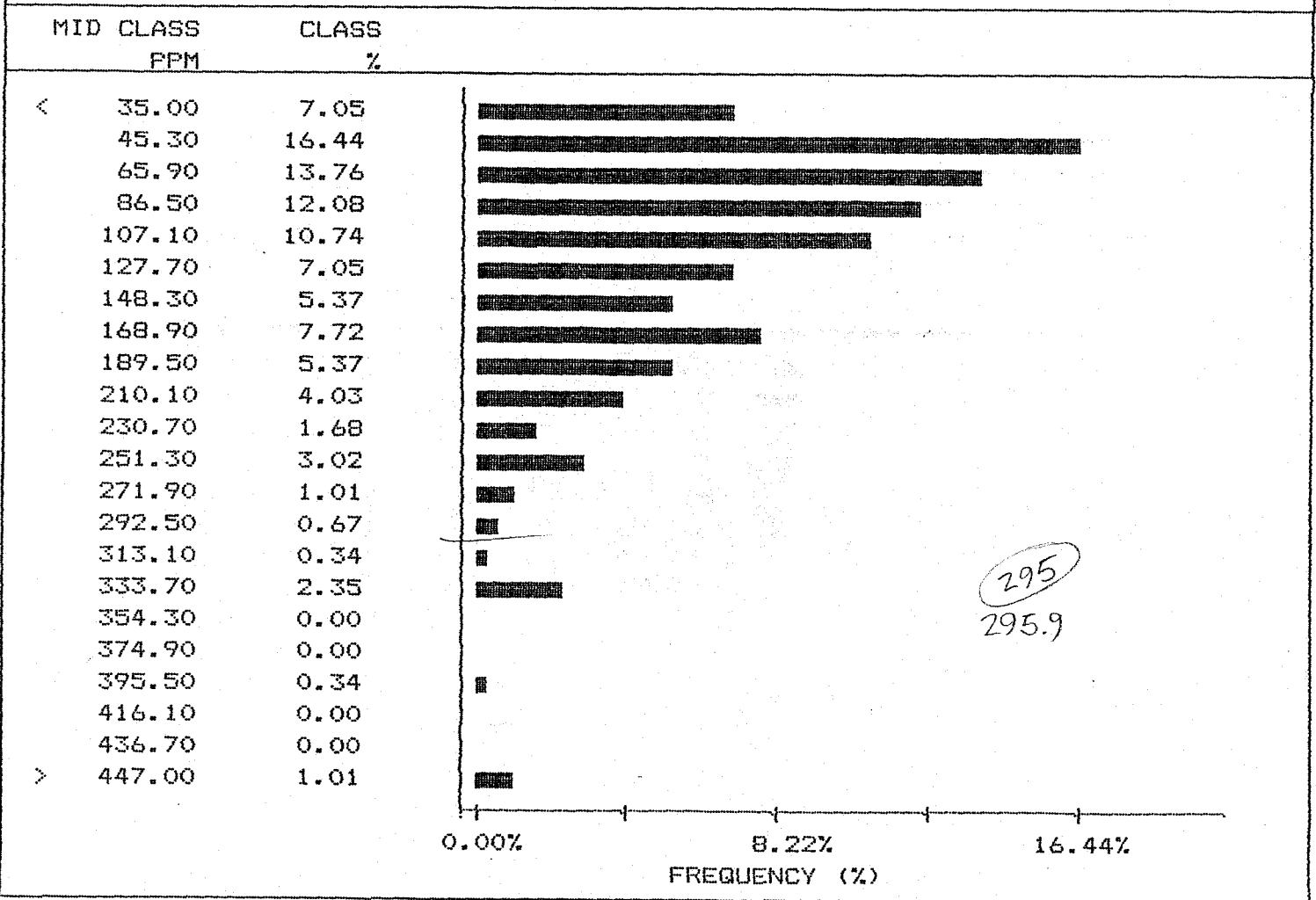
COMPANY: LANA GOLD
 ATTN: SYD BELZBERG/C. SAMPSON
 PROJECT: BRALORNE EXT.
 FILE#: 8-2058

DATE: NOVEMBER 25 1988
 SAMPLE TYPE: SOIL
 ANALYSIS TYPE: GEOCHEM

NUMBER OF SAMPLES: 298
 MAXIMUM VALUE: 612.0 PPM
 MINIMUM VALUE: 18.0 PPM
 MEAN: 121.9 PPM
 STD. DEVIATION: 87.0 PPM
 COEFF. OF VARIATION: 0.7

5 HIGHEST ZN VALUES:
 B7W2375N 612.0 PPM
 B7W2325N 527.0 PPM
 B9W1850N 450.0 PPM
 B7W2125N 447.0 PPM
 B7W1875N 391.0 PPM

HISTOGRAM FOR ZN CLASS INTERVAL = 20.60



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SPECIALISTS IN MINERAL ENVIRONMENTS

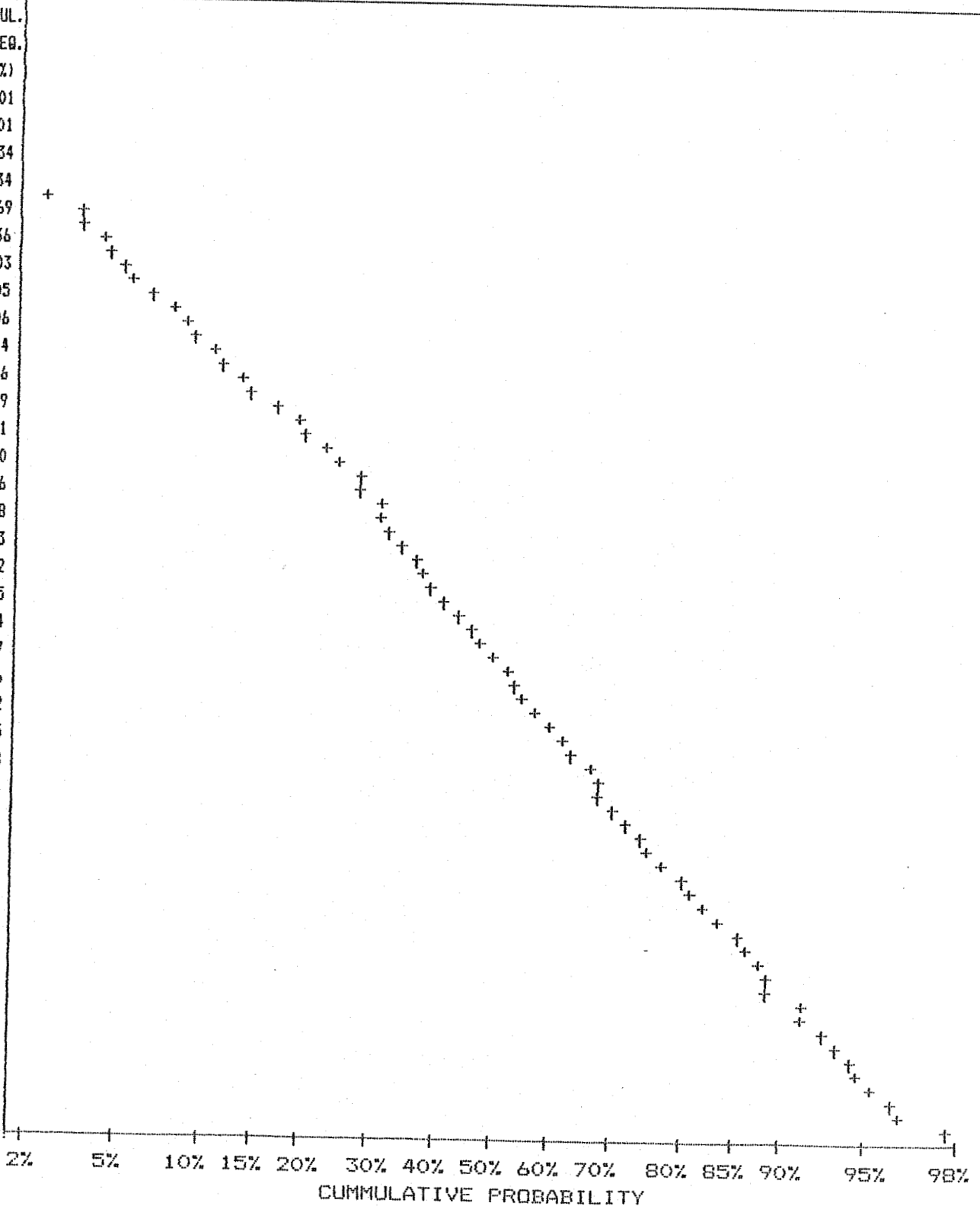
705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2
 TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON ZN

COMPANY: LANA GOLD
 ATTN: SYD BELZBERG/C. SAMPSON
 PROJECT: BRALORNE EXT.
 FILE#: 8-2058

DATE: NOVEMBER 25 1988
 SAMPLE TYPE: SOIL
 ANALYSIS TYPE: GEOCHEM

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
430.58	1.01
399.53	1.01
370.72	1.34
343.98	1.34
319.18	3.69
296.16	4.36
274.80	5.03
254.99	7.05
236.60	9.06
219.54	10.74
203.71	13.76
189.02	17.79
175.39	20.81
162.74	25.50
151.00	28.86
140.11	31.88
130.01	35.23
120.63	37.92
111.93	41.95
103.86	46.64
96.37	50.67
89.42	54.36
82.97	57.72
76.99	62.75
71.44	66.78
66.29	68.46
61.51	72.48
57.07	75.50
52.96	80.20
49.14	82.55
45.59	85.91
42.31	87.92
39.25	89.26
36.42	91.28
33.80	93.62
31.36	94.97
29.10	95.97
27.00	97.99



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604) 980-5814 OR (604) 988-4524

CORRELATION COEFFICIENTS

COMPANY: LANA GOLD

DATE: NOVEMBER 25 1988

ATTN: SYD BELZBERG/C. SAMPSON

SAMPLE TYPE: SOIL

PROJECT: BRALORNE EXT.

ANALYSIS TYPE: GEOCHEM

FILE#: 8-2058

THE TABLE BELOW REPRESENTS THE PEARSON CORRELATION MATRIX SHOWING THE INTER-ELEMENT CORRELATION COEFFICIENTS. THOSE VALUES THAT EXCEED THEIR CRITICAL VALUE FOR .01 LEVEL OF SIGNIFICANCE ARE SHOWN IN DARKER PRINT AND UNDERLINED.

	AG	AS	CU	PB	SB	ZN
AG	1.00	0.09	0.05	0.10	<u>0.23</u>	0.10
AS		1.00	<u>-0.24</u>	<u>-0.28</u>	0.03	<u>-0.38</u>
CU			1.00	<u>0.46</u>	-0.10	<u>0.51</u>
PB				1.00	-0.10	<u>0.67</u>
SB					1.00	-0.08
ZN						1.00

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Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK - 26 ELEMENT ICP

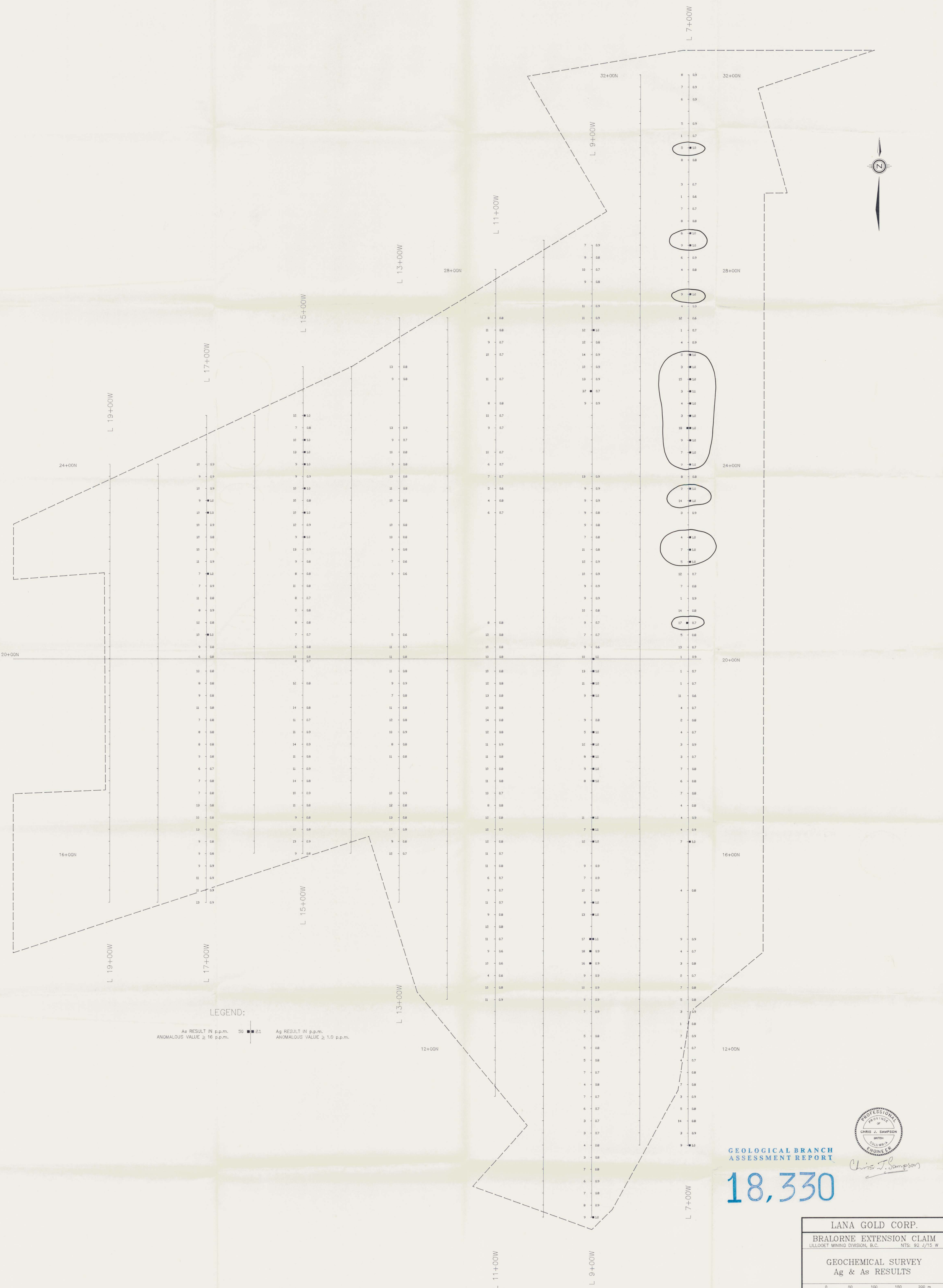
Ag, Al, As, B, Bi, Ca, Cd, Co, Cu, Fe, K, Mg, Mn, Mo,
Na, Ni, P, Pb, Sb, Sr, Th, U, V, Zn

Samples are processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by jaw crusher and pulverized by ceramic plated pulverizer.

1.0 gram of the samples are digested for 6 hours with HNO₃ and HClO₄ mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by Computer operated Jarrell Ash 9000ICP. Inductively coupled Plasma Analyser. Reports are formatted by routing computer dotline print out.



LEGEND:

As RESULT IN p.p.m. 50 ■ 21
 ANOMALOUS VALUE ≥ 16 p.p.m.

Ag RESULT IN p.p.m.
 ANOMALOUS VALUE ≥ 1.0 p.p.m.



Chris J. Sampson

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

18,330

LANA GOLD CORP.	
BRALORNE EXTENSION CLAIM	
LILLOOET MINING DIVISION, B.C.	NTS: 92-3/15-W
GEOCHEMICAL SURVEY	
Ag & As RESULTS	
0 50 100 150 200 m	
SCALE 1:2500	
DATE: NOVEMBER, 1988	FIGURE No. 2
BY: C.J.S./rwr	Prepared by: RWR MINERAL GRAPHICS LTD.



LEGEND:

Sb RESULT IN pp.m. 14 ■ 75
 ANOMALOUS VALUE ≥ 5 pp.m.

Cu RESULT IN pp.m.
 ANOMALOUS VALUE ≥ 50 pp.m.

18,330
 GEOLOGICAL BRANCH
 ASSESSMENT REPORT



Chris J. Sampson

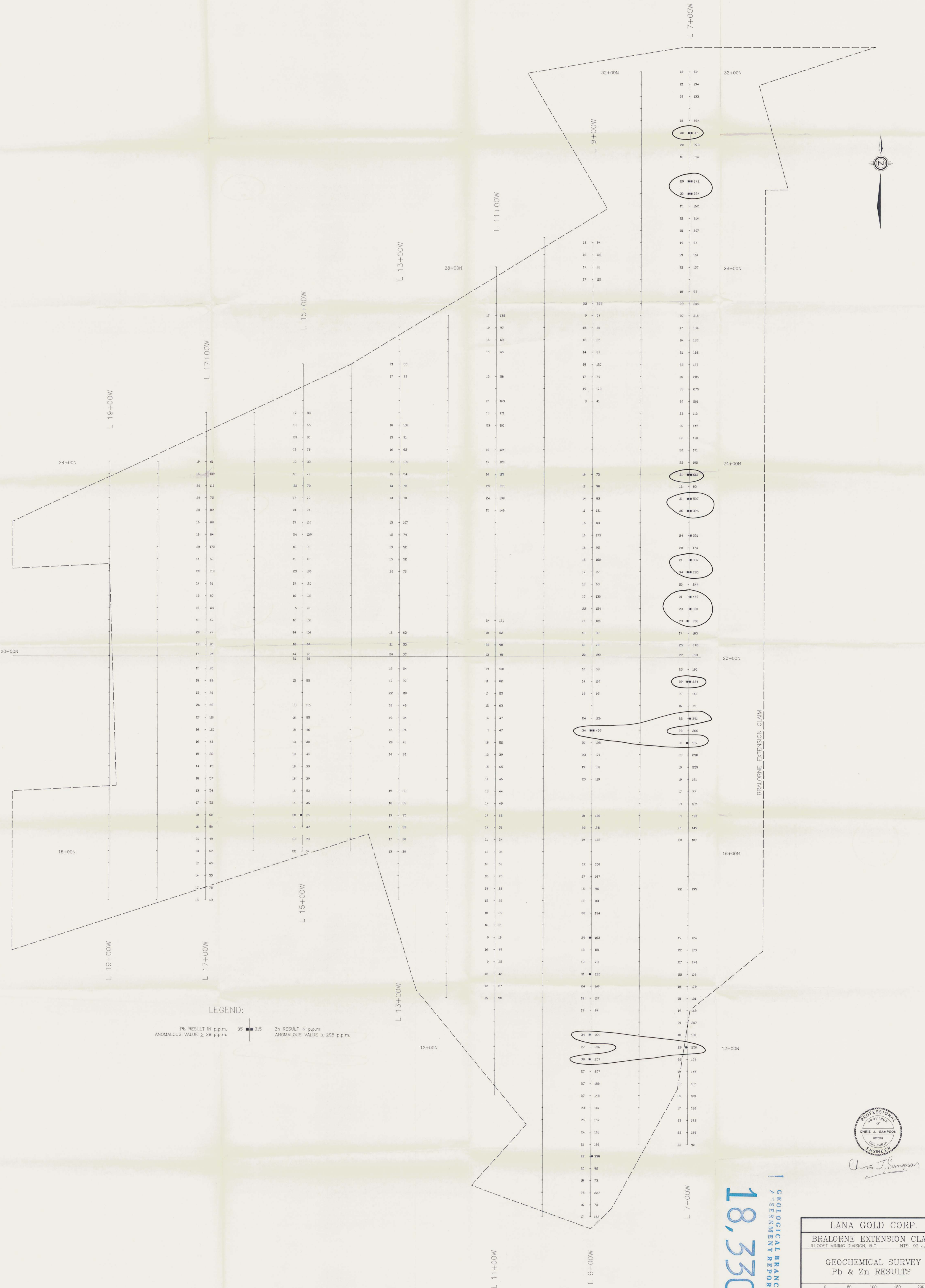
LANA GOLD CORP.
 BRALORNE EXTENSION CLAIM
 LILLOOET MINING DIVISION, B.C. NTS: 92 J/15 W

GEOCHEMICAL SURVEY
 Cu & Sb RESULTS

0 50 100 150 200 m
 SCALE 1:2500

DATE: NOVEMBER, 1988
 BY: C.J.S./rwr

FIGURE No. 3
 Prepared by: RWR MINERAL GRAPHICS LTD.



LEGEND:

Pb RESULT IN p.p.m. 35 ■ 315
ANOMALOUS VALUE ≥ 29 p.p.m.

Zn RESULT IN p.p.m. 285 ■ 285
ANOMALOUS VALUE ≥ 285 p.p.m.



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18,330
GEOLOGICAL
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LANA GOLD CORP.
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GEOCHEMICAL SURVEY
Pb & Zn RESULTS

0 50 100 150 200 m
SCALE 1:2500

DATE: NOVEMBER, 1988
BY: C.J.S./rwr

FIGURE No. 4