

Report on the
Geochemical Soil Survey
of the
King Jack South Group
Chapleau Creek Area
Slocan Mining Division
B.C., Canada

KING JACK RESOURCES LTD.

Volume II

FILMED

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P. J. Santos, P. Eng.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,093

Copy No. 3

Part 2 of 3

GEOCHEMICAL LABORATORY TECHNIQUES

SAMPLE PREPARATION

Soils, silts, lake bottom sediments - Samples are sorted and dried at 50°C for 12 - 16 hours. Dried material is then screened to obtain the -80 mesh component of each sample. Coarse material is discarded unless other instructions are received. Other mesh sizes are available if required.

Rock chips or pieces of core designated as rock geochem samples are dried, crushed and then pulverized to -100 mesh in a ring grinder. The sample is homogenized and packaged.

SAMPLE ANALYSES

(a) ppm Copper, Lead, Zinc, Silver: A 1.0 gm portion of sample is digested in conc. perchloric-nitric acid ($\text{HClO}_4\text{-HNO}_3$) for approx. 2 hrs. The digested sample is cooled and made up to 25 mls with distilled water. The solution is mixed and solids are allowed to settle. Copper, lead, zinc and silver are determined by atomic absorption techniques using background correction for lead and silver analysis.

(b) ppm Arsenic: Digest as above. Generate arsine using the borohydride technique and determine the arsenic concentration by atomic absorption analyses.

(c) ppb Gold: 5 gm samples ashed @ 800°C for 1 hr., digested with aqua regia - twice to dryness - taken up in 25% HCl^- , Au extracted as the bromide into MIBK and analyzed via A.A.

(d) ppm Ba, Sr, Mg, Ca & Na: 0.2 - 0.5 gm samples digested with $\text{HClO}_4\text{-HNO}_3\text{-HF}$, to dryness taken up in 10% HClO_4 with an ionization suppressent added and analyzed via A.A. - acetylene-nitrous oxide for Ba, Mg, Ca & Sr.

(e) ppm Te: 1 - 5 gm digested with aqua regia, the Te extracted into MIBK as the bromide and analyzed via A.A. using background correction.

(f) Cold Extractable Metals: 1 gm sample is leached for 1 hour with 25 mls of 0.1M HCl in a hot water bath, filtered (Whatman #31) and then analyzed via standard A.A. techniques.

(g) Assay Ag & Au - Fire Assay Method: 0.5 Assay ton sub-samples are fused in litharge, carbonate and siliceous fluxes. The lead button containing the precious metals is cupelled in a muffle furnace. The Ag and Au alloy is weighed on a micro balance, parted, annealed and again weighed as Au. The difference in the two weightings is Ag. Results reported in Oz/Ton.

For low grade samples and geochemical materials 10-gram samples are fused as above with the addition of 10 mg of Au-free Ag metal and cupelled as above. The silver bead is parted with dilute HNO_3 and then treated with aqua regia. The salts are dissolved in dilute HCl and analyzed for Au on an atomic absorption spectrophotometer to a detection of 5 ppb.

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

**** CUMULATIVE FREQUENCY ****



To: P. J. SANTOS
626 9TH AVE.
CASTLEGAR, B.C.
V1N 1M4

Number: G 2061A

Date: FEB 21, 1989

Proj.: KING JACK
Morning Star

Attn:

CUMULATIVE FREQUENCY PLOT FOR AU USING A LOGARITHMIC CONVERSION

CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
3.00--	3.30	141	99.3
3.30--	3.63	0	0.0
3.63--	3.99	0	0.0
3.99--	4.38	0	0.0
4.38--	4.82	0	0.0
4.82--	5.30	0	0.0
5.30--	5.83	0	0.0
5.83--	6.41	0	0.0
6.41--	7.04	0	0.0
7.04--	7.75	0	0.0
7.75--	8.52	0	0.0
8.52--	9.36	0	0.0
9.36--	10.30	0	0.0
10.30--	11.32	0	0.0
11.32--	12.45	0	0.0
12.45--	13.69	0	0.0
13.69--	15.05	0	0.0
15.05--	16.54	0	0.0
16.54--	18.19	0	0.0
18.19--	20.00	1	0.7

MEAN	3.3
STD. DEV.	1.3

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CUMULATIVE FREQUENCY PLOT FOR AG USING A LOGARITHMIC CONVERSION

CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY	%
0.10--	0.13	8	5.6	100.0
0.13--	0.17	0	0.0	94.4
0.17--	0.21	27	19.0	94.4
0.21--	0.28	0	0.0	75.4
0.28--	0.36	34	23.9	75.4
0.36--	0.46	28	19.7	51.4
0.46--	0.59	13	9.2	31.7
0.59--	0.77	17	12.0	22.5
0.77--	0.99	2	1.4	10.6
0.99--	1.27	9	6.3	9.2
1.27--	1.64	1	0.7	2.8
1.64--	2.12	1	0.7	2.1
2.12--	2.73	1	0.7	1.4
2.73--	3.52	0	0.0	0.7
3.52--	4.54	0	0.0	0.7
4.54--	5.86	0	0.0	0.7
5.86--	7.55	0	0.0	0.7
7.55--	9.74	0	0.0	0.7
9.74--	12.56	0	0.0	0.7
12.56--	16.20	1	0.7	0.7

MEAN 0.5

STD. DEV. 1.2

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CUMULATIVE FREQUENCY PLOT FOR PB USING A LOGARITHMIC CONVERSION

CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY	%
8.00--	9.67	1	0.7	100.0
9.67--	11.68	6	4.2	99.3
11.68--	14.12	21	14.8	95.1
14.12--	17.06	27	19.0	80.3
17.06--	20.62	19	13.4	61.3
20.62--	24.92	20	14.1	47.9
24.92--	30.11	15	10.6	33.8
30.11--	36.39	8	5.6	23.2
36.39--	43.97	7	4.9	17.6
43.97--	53.14	5	3.5	12.7
53.14--	64.22	3	2.1	9.2
64.22--	77.61	2	1.4	7.0
77.61--	93.79	3	2.1	5.6
93.79--	113.34	1	0.7	3.5
113.34--	136.96	1	0.7	2.8
136.96--	165.52	1	0.7	2.1
165.52--	200.02	1	0.7	1.4
200.02--	241.72	0	0.0	0.7
241.72--	292.11	0	0.0	0.7
292.11--	353.00	1	0.7	0.7

MEAN 29.7

STD. DEV. 34.8

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CUMULATIVE FREQUENCY PLOT FOR ZN USING A LOGARITHMIC CONVERSION

CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY	%
75.00--	89.06	6	4.2	100.0
89.06--	105.75	15	10.6	95.8
105.75--	125.58	23	16.2	85.2
125.58--	149.11	20	14.1	69.0
149.11--	177.07	17	12.0	54.9
177.07--	210.26	5	3.5	43.0
210.26--	249.67	9	6.3	39.4
249.67--	296.47	12	8.5	33.1
296.47--	352.04	10	7.0	24.6
352.04--	418.03	8	5.6	17.6
418.03--	496.39	5	3.5	12.0
496.39--	589.44	4	2.8	8.5
589.44--	699.93	2	1.4	5.6
699.93--	831.13	4	2.8	4.2
831.13--	986.92	0	0.0	1.4
986.92--	1171.92	1	0.7	1.4
1171.92--	1391.59	0	0.0	0.7
1391.59--	1652.44	0	0.0	0.7
1652.44--	1962.19	0	0.0	0.7
1962.19--	2330.00	1	0.7	0.7

MEAN 244.2

STD. DEV. 232.8

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V1N 1M4

Number: G 2061A

Date: FEB 21, 1989

Proj.: KING JACK

Attn:

Morning Star

CUMULATIVE FREQUENCY PLOT FOR CU USING A LOGARITHMIC CONVERSION

CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY	%
4.00--	5.03	24	16.9	100.0
5.03--	6.32	18	12.7	83.1
6.32--	7.95	17	12.0	70.4
7.95--	10.00	44	31.0	58.5
10.00--	12.57	20	14.1	27.5
12.57--	15.80	2	1.4	13.4
15.80--	19.87	4	2.8	12.0
19.87--	24.98	5	3.5	9.2
24.98--	31.41	2	1.4	5.6
31.41--	39.50	1	0.7	4.2
39.50--	49.66	2	1.4	3.5
49.66--	62.44	2	1.4	2.1
62.44--	78.51	0	0.0	0.7
78.51--	98.71	0	0.0	0.7
98.71--	124.11	0	0.0	0.7
124.11--	156.05	0	0.0	0.7
156.05--	196.21	0	0.0	0.7
196.21--	246.70	0	0.0	0.7
246.70--	310.18	0	0.0	0.7
310.18--	390.00	1	0.7	0.7

MEAN	12.6
STD. DEV.	29.5

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Number: G 2061A

Date: FEB 21, 1989

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Morning Star

Attn:

CUMULATIVE FREQUENCY PLOT FOR AS USING A LOGARITHMIC CONVERSION

CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY	%
1.00--	1.17	115	81.0	100.0
1.17--	1.37	0	0.0	19.0
1.37--	1.61	0	0.0	19.0
1.61--	1.89	0	0.0	19.0
1.89--	2.21	4	2.8	19.0
2.21--	2.59	0	0.0	16.2
2.59--	3.04	2	1.4	16.2
3.04--	3.57	0	0.0	14.8
3.57--	4.18	3	2.1	14.8
4.18--	4.90	0	0.0	12.7
4.90--	5.74	0	0.0	12.7
5.74--	6.73	4	2.8	12.7
6.73--	7.89	0	0.0	9.9
7.89--	9.25	1	0.7	9.9
9.25--	10.84	4	2.8	9.2
10.84--	12.71	2	1.4	6.3
12.71--	14.90	2	1.4	4.9
14.90--	17.47	3	2.1	3.5
17.47--	20.47	1	0.7	1.4
20.47--	24.00	1	0.7	0.7

MEAN	2.6
STD. DEV.	3.9

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**** CUMULATIVE FREQUENCY ****

To: P. J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
V1N 1M4

Number: G 2080

Date: NOVEMBER 30, 1988

Proj.: KING JACK
For Sure

Attn:

CUMULATIVE FREQUENCY PLOT FOR AU USING A LOGARITHMIC CONVERSION

CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
3.00--	3.57	318	98.8
3.57--	4.26	0	0.0
4.26--	5.08	0	0.0
5.08--	6.05	0	0.0
6.05--	7.21	0	0.0
7.21--	8.59	0	0.0
8.59--	10.24	1	0.3
10.24--	12.20	0	0.0
12.20--	14.54	0	0.0
14.54--	17.32	0	0.0
17.32--	20.64	2	0.6
20.64--	24.60	0	0.0
24.60--	29.31	0	0.0
29.31--	34.93	0	0.0
34.93--	41.62	0	0.0
41.62--	49.59	0	0.0
49.59--	59.10	0	0.0
59.10--	70.42	0	0.0
70.42--	83.92	0	0.0
83.92--	100.00	1	0.3

MEAN	3.7
STD. DEV.	5.1

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CUMULATIVE FREQUENCY PLOT FOR AG USING A LOGARITHMIC CONVERSION

CLASS		FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
0.10--	0.11	221	68.6	100.0
0.11--	0.13	0	0.0	31.4
0.13--	0.14	0	0.0	31.4
0.14--	0.16	0	0.0	31.4
0.16--	0.18	0	0.0	31.4
0.18--	0.20	0	0.0	31.4
0.20--	0.22	62	19.3	31.4
0.22--	0.25	0	0.0	12.1
0.25--	0.28	0	0.0	12.1
0.28--	0.32	23	7.1	12.1
0.32--	0.35	0	0.0	5.0
0.35--	0.40	0	0.0	5.0
0.40--	0.45	13	4.0	5.0
0.45--	0.50	2	0.6	0.9
0.50--	0.56	0	0.0	0.3
0.56--	0.63	0	0.0	0.3
0.63--	0.71	0	0.0	0.3
0.71--	0.79	0	0.0	0.3
0.79--	0.89	0	0.0	0.3
0.89--	1.00	1	0.3	0.3

MEAN	0.2
STD. DEV.	0.1

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V1N 1M4

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CUMULATIVE FREQUENCY PLOT FOR PB USING A LOGARITHMIC CONVERSION

CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
8.00--	9.61	1	0.3
9.61--	11.54	1	0.3
11.54--	13.85	12	3.7
13.85--	16.64	28	8.7
16.64--	19.98	39	12.1
19.98--	23.99	70	21.7
23.99--	28.81	61	18.9
28.81--	34.59	48	14.9
34.59--	41.54	22	6.8
41.54--	49.88	13	4.0
49.88--	59.90	14	4.3
59.90--	71.93	6	1.9
71.93--	86.37	2	0.6
86.37--	103.72	2	0.6
103.72--	124.55	1	0.3
124.55--	149.56	1	0.3
149.56--	179.60	0	0.0
179.60--	215.67	0	0.0
215.67--	258.99	0	0.0
258.99--	311.00	1	0.3

MEAN	29.3
STD. DEV.	20.7

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CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
15.00--	18.14	2	0.6
18.14--	21.95	2	0.6
21.95--	26.55	3	0.9
26.55--	32.12	7	2.2
32.12--	38.85	5	1.6
38.85--	47.00	1	0.3
47.00--	56.85	4	1.2
56.85--	68.77	0	0.0
68.77--	83.18	5	1.6
83.18--	100.62	14	4.3
100.62--	121.72	41	12.7
121.72--	147.24	55	17.1
147.24--	178.11	65	20.2
178.11--	215.45	67	20.8
215.45--	260.62	33	10.2
260.62--	315.25	9	2.8
315.25--	381.35	4	1.2
381.35--	461.30	3	0.9
461.30--	558.01	1	0.3
558.01--	675.00	1	0.3

MEAN 162.0

STD. DEV. 73.2

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CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %	
1.00--	1.23	2	0.6	100.0
1.23--	1.51	0	0.0	99.4
1.51--	1.85	0	0.0	99.4
1.85--	2.27	0	0.0	99.4
2.27--	2.78	0	0.0	99.4
2.78--	3.42	27	8.4	99.4
3.42--	4.19	36	11.2	91.0
4.19--	5.14	49	15.2	79.8
5.14--	6.31	72	22.4	64.6
6.31--	7.75	45	14.0	42.2
7.75--	9.51	51	15.8	28.3
9.51--	11.67	24	7.5	12.4
11.67--	14.32	9	2.8	5.0
14.32--	17.57	2	0.6	2.2
17.57--	21.56	2	0.6	1.6
21.56--	26.46	0	0.0	0.9
26.46--	32.47	1	0.3	0.9
32.47--	39.84	0	0.0	0.6
39.84--	48.89	1	0.3	0.6
48.89--	60.00	1	0.3	0.3
MEAN		6.8		
STD. DEV.		4.5		

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CLASS	FREQUENCY	% FREQUENCY	CUMULATIVE FREQUENCY %
1.00--	1.10	319	99.1
1.10--	1.21	0	0.0
1.21--	1.34	0	0.0
1.34--	1.48	0	0.0
1.48--	1.63	0	0.0
1.63--	1.79	0	0.0
1.79--	1.98	0	0.0
1.98--	2.18	1	0.3
2.18--	2.40	0	0.0
2.40--	2.65	0	0.0
2.65--	2.92	0	0.0
2.92--	3.21	1	0.3
3.21--	3.54	0	0.0
3.54--	3.90	0	0.0
3.90--	4.30	0	0.0
4.30--	4.74	0	0.0
4.74--	5.23	0	0.0
5.23--	5.76	0	0.0
5.76--	6.35	0	0.0
6.35--	7.00	1	0.3

MEAN	1.1
STD. DEV.	0.3

PLATE 131

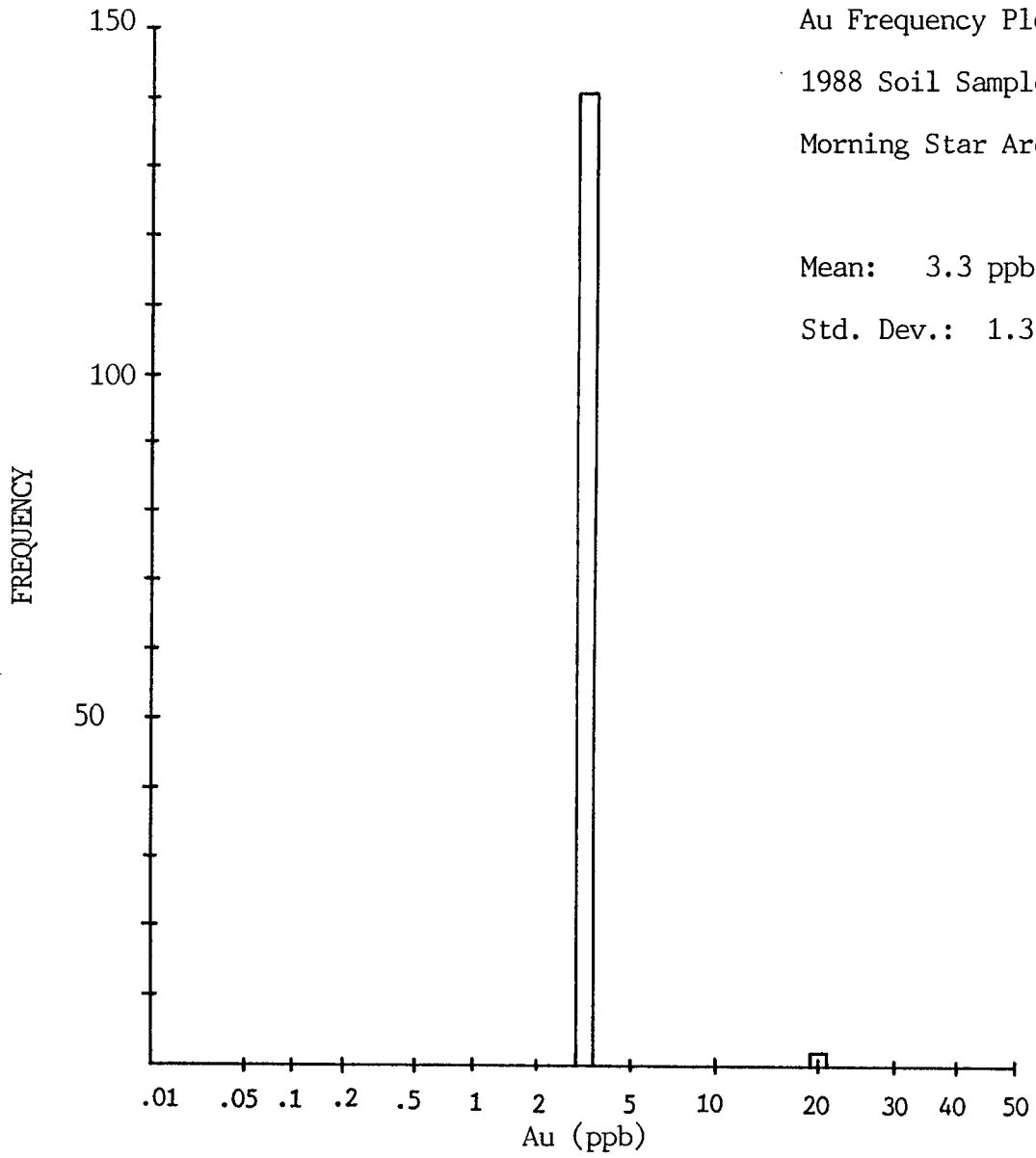
Au Frequency Plot

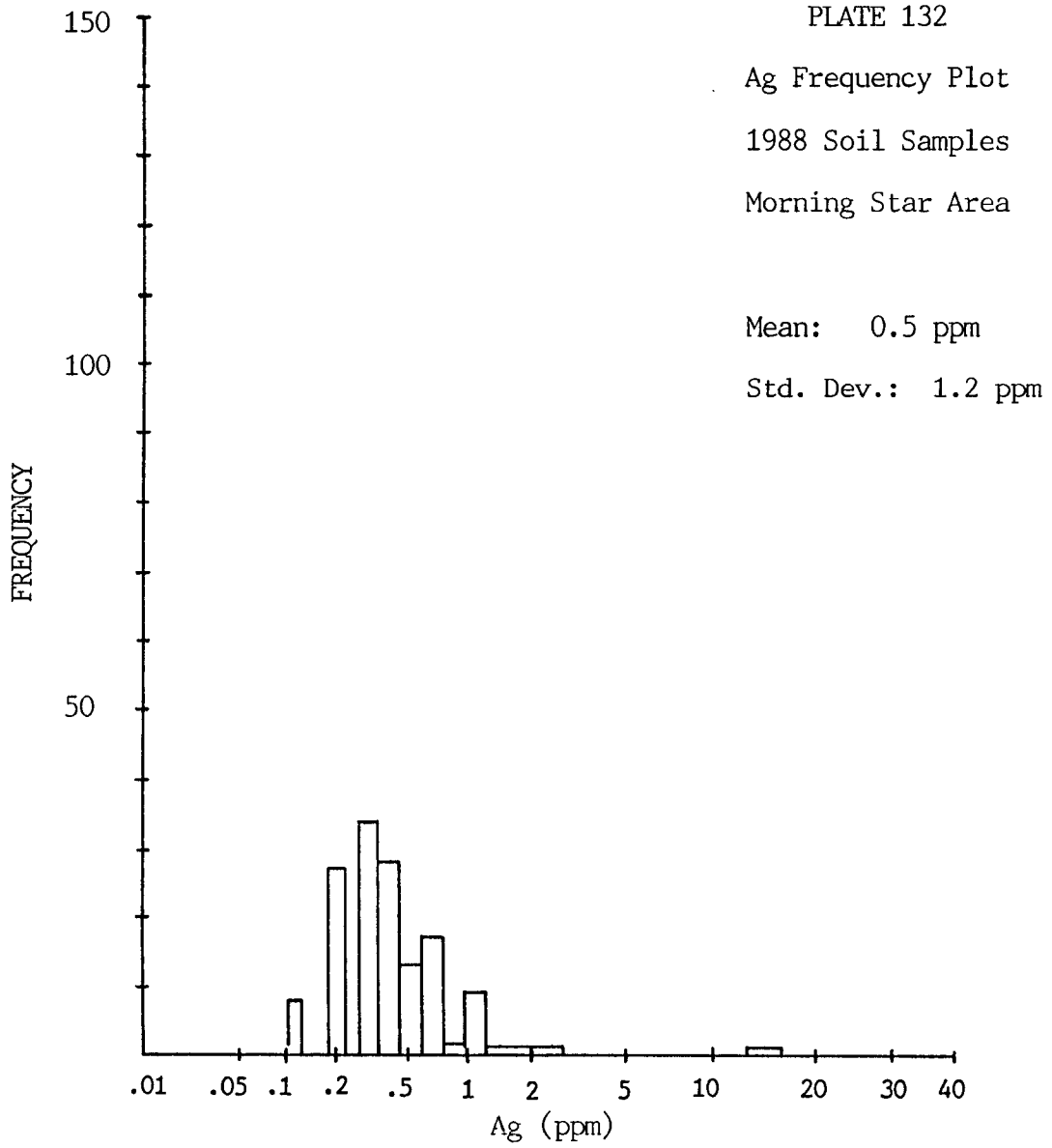
1988 Soil Samples

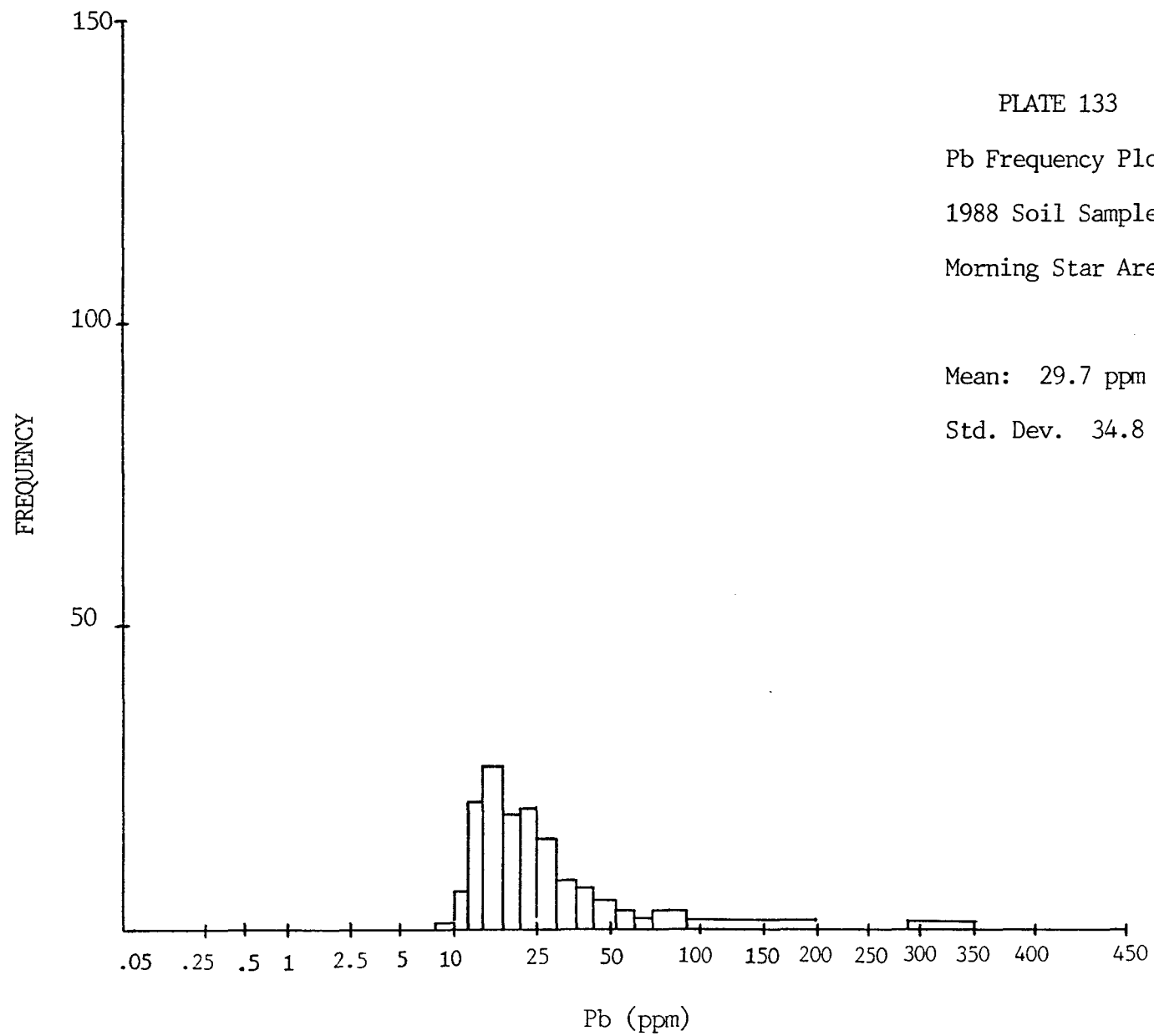
Morning Star Area

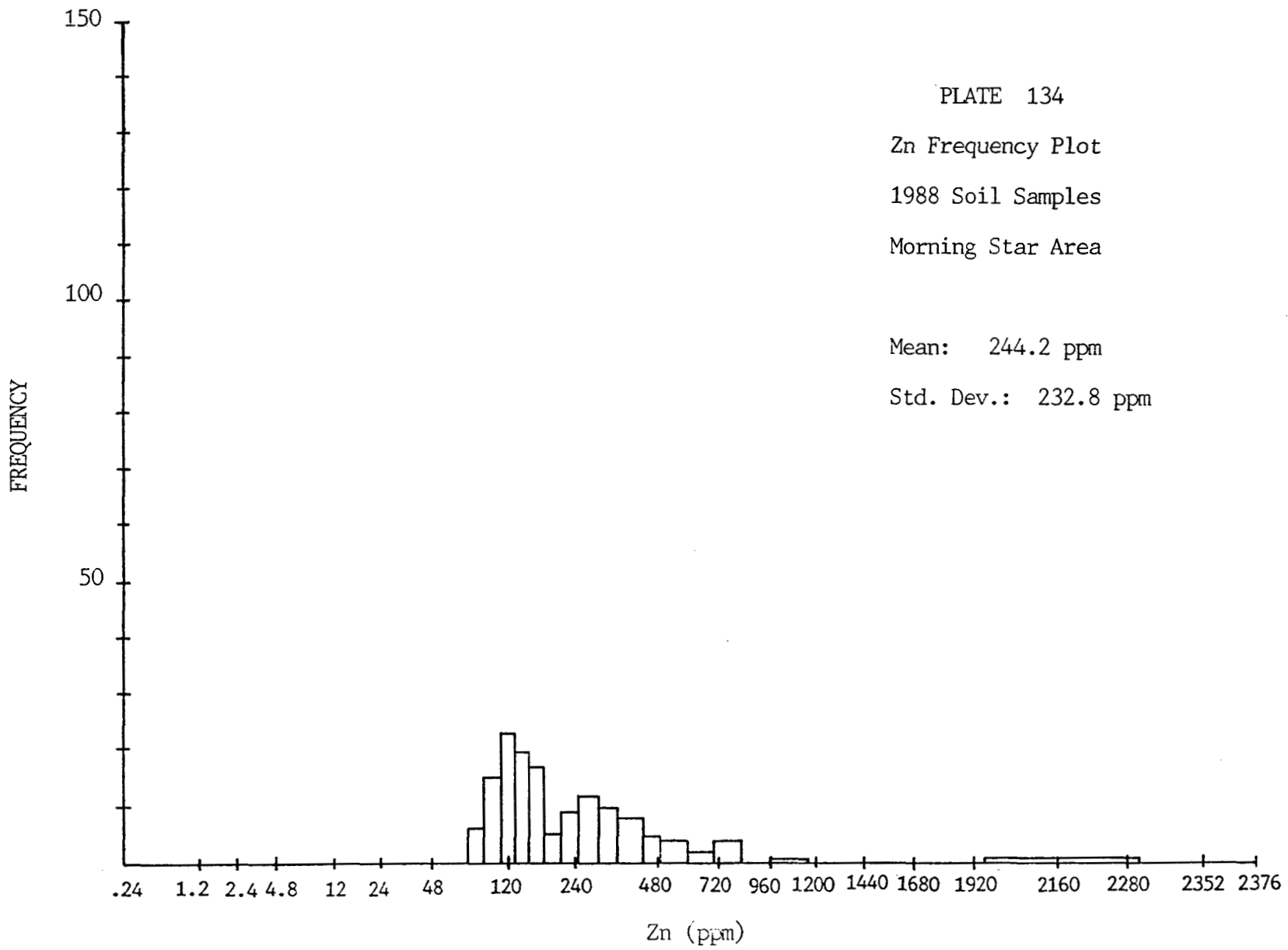
Mean: 3.3 ppb

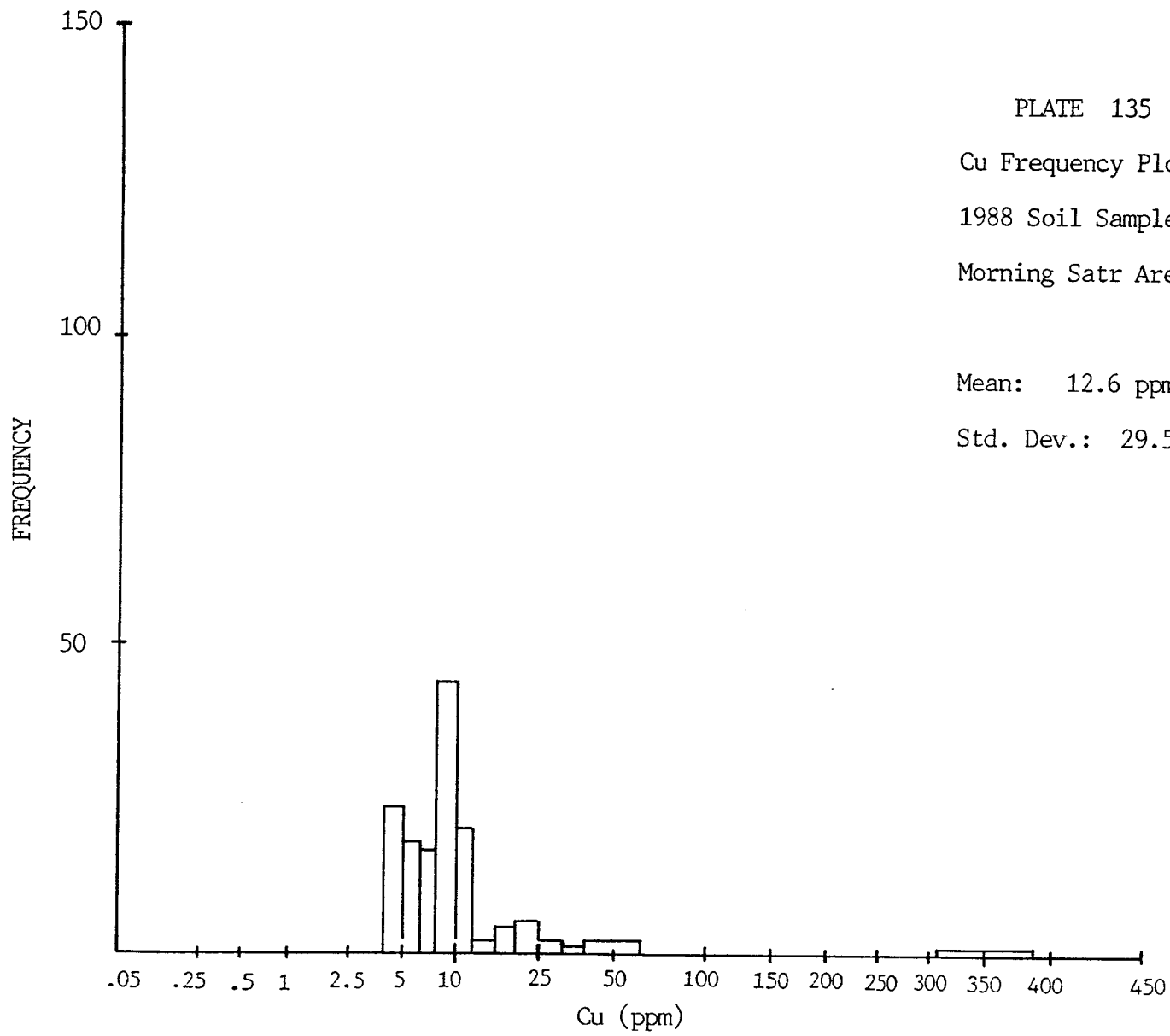
Std. Dev.: 1.3 ppb

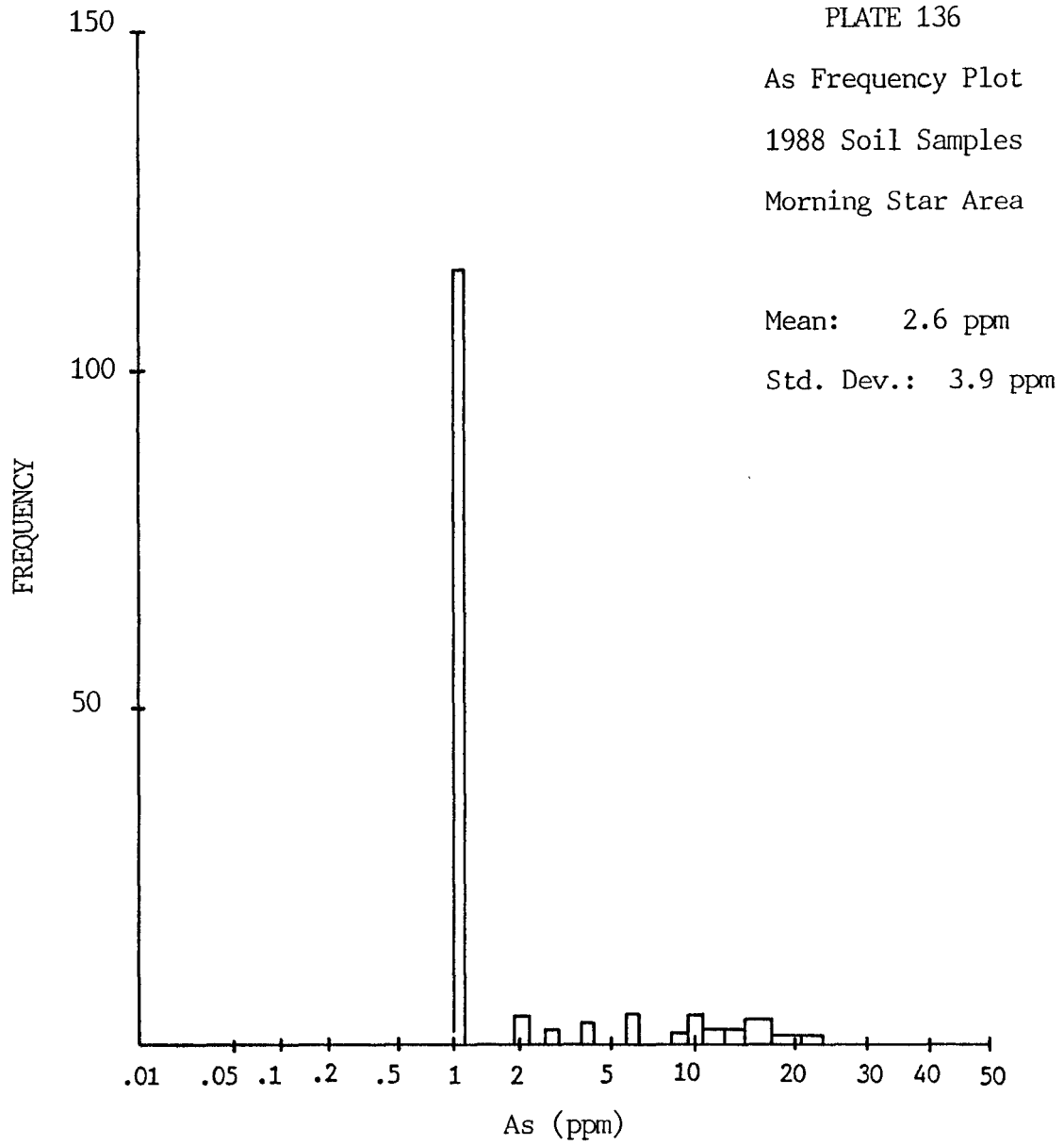


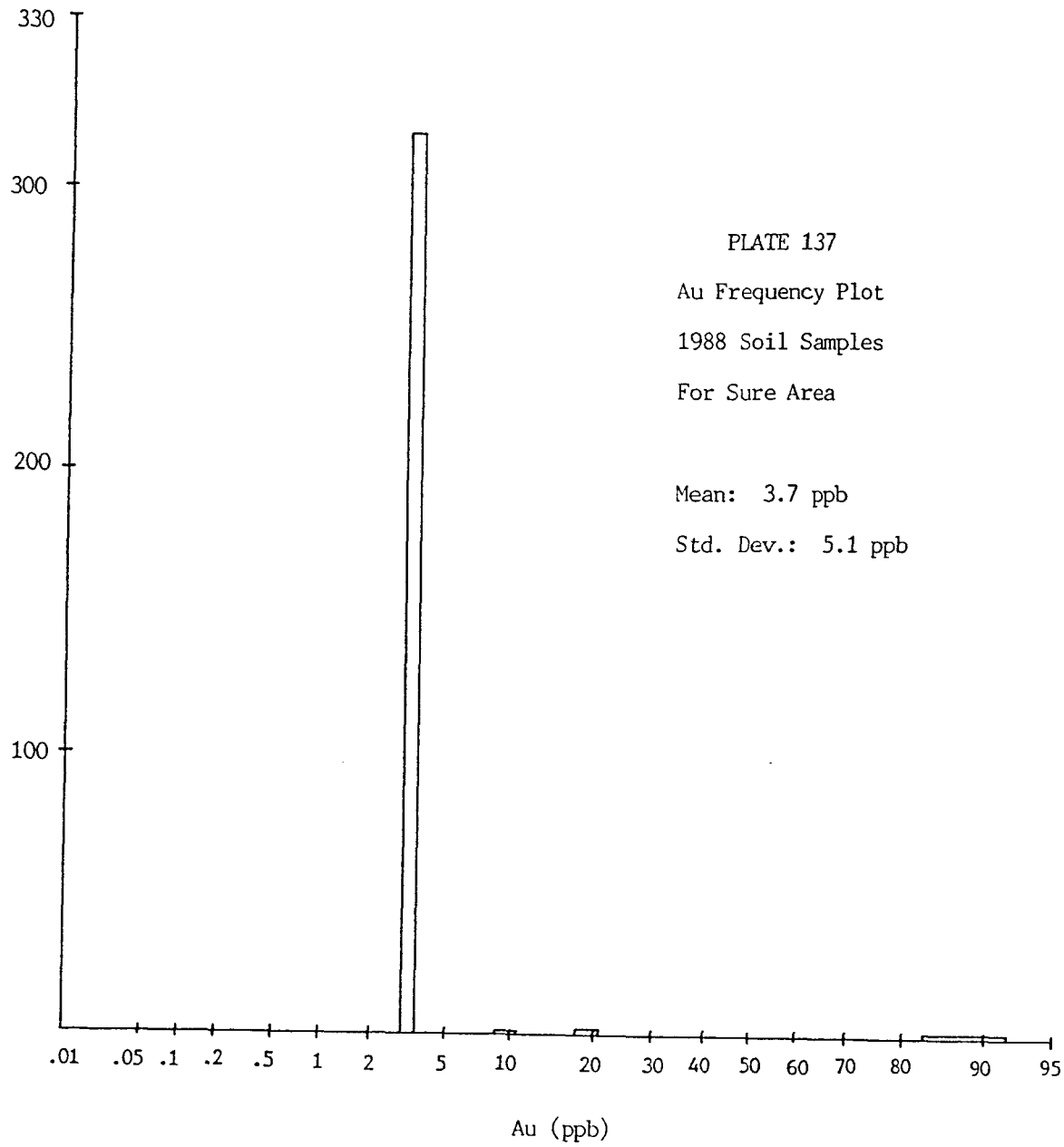


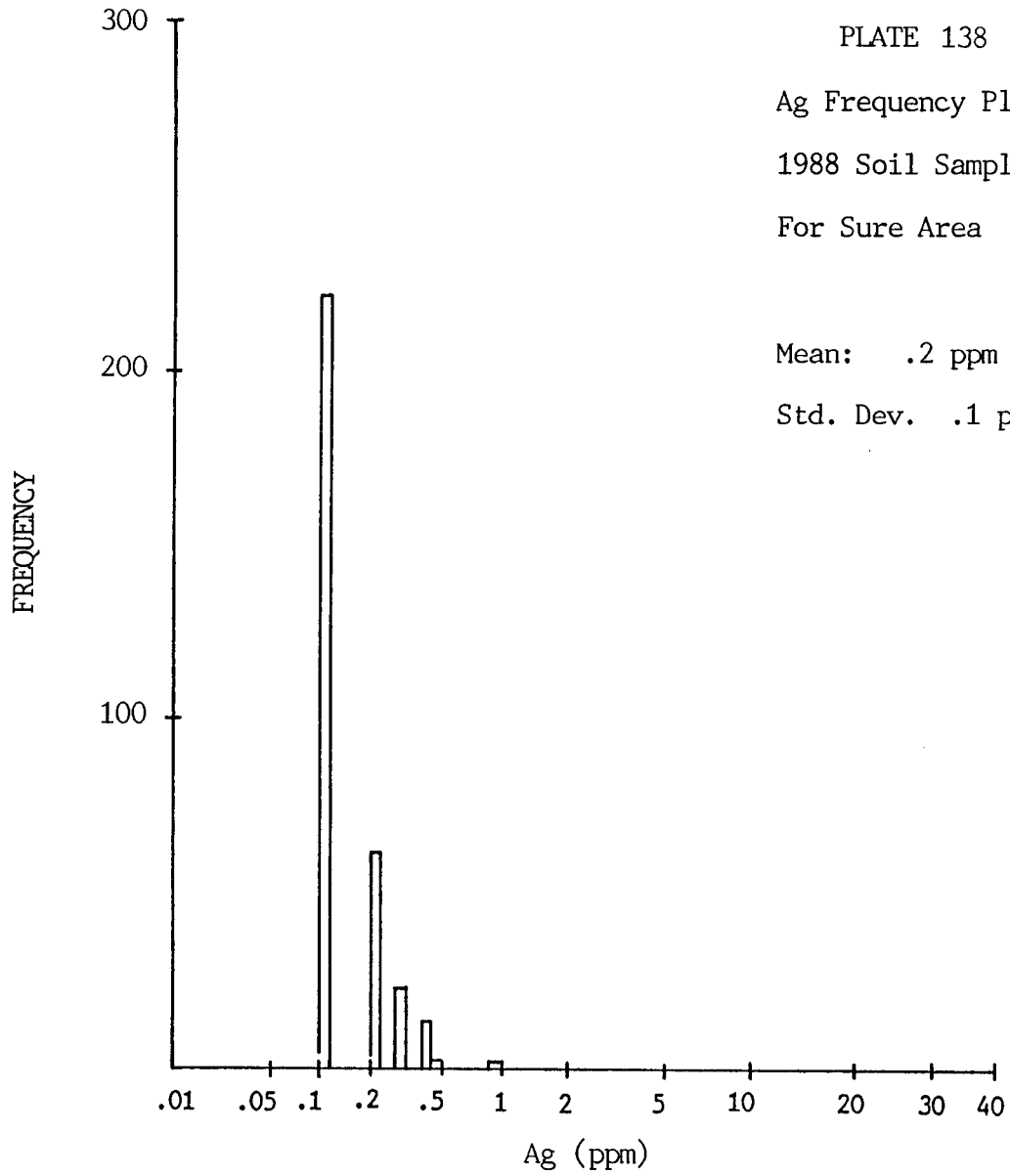


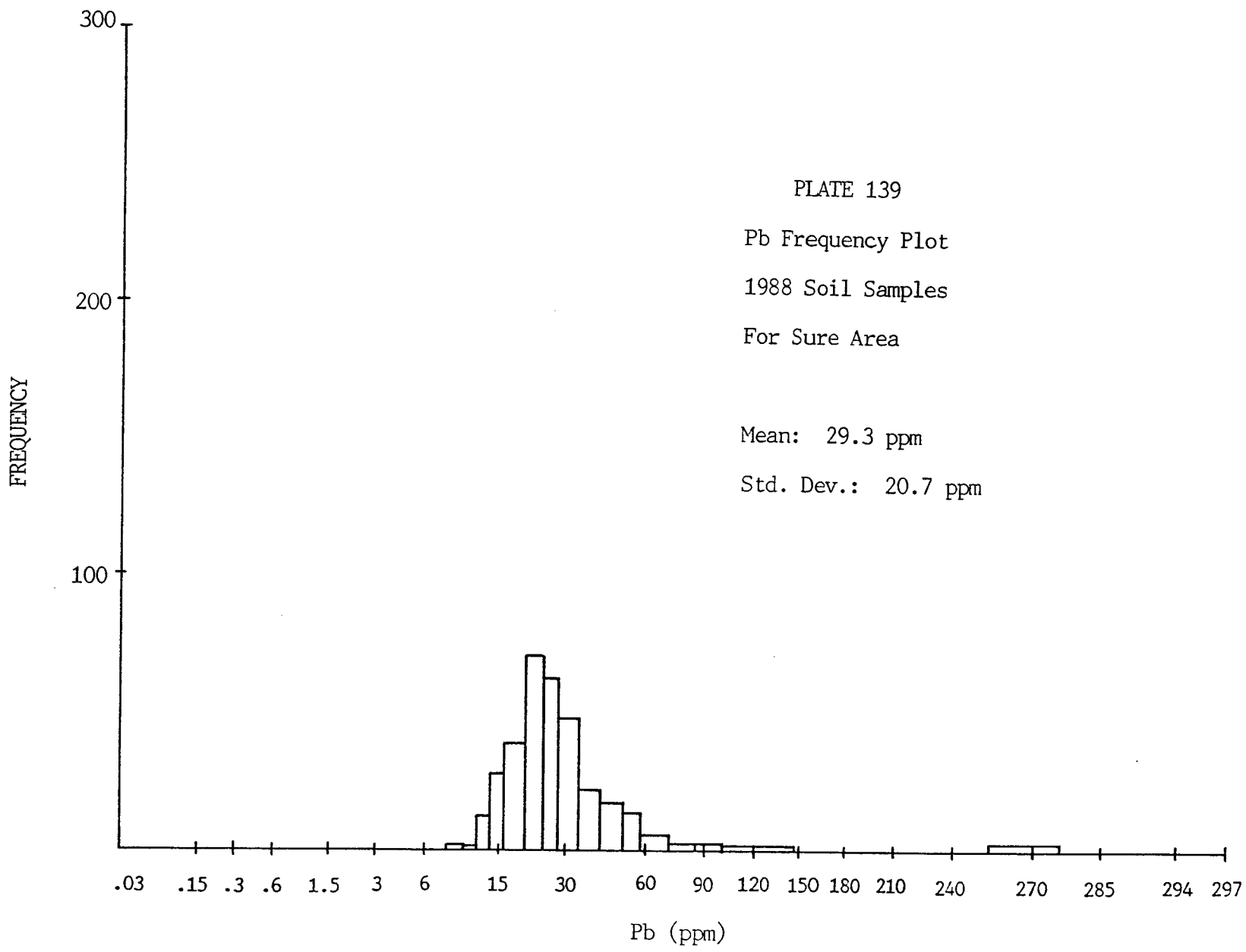


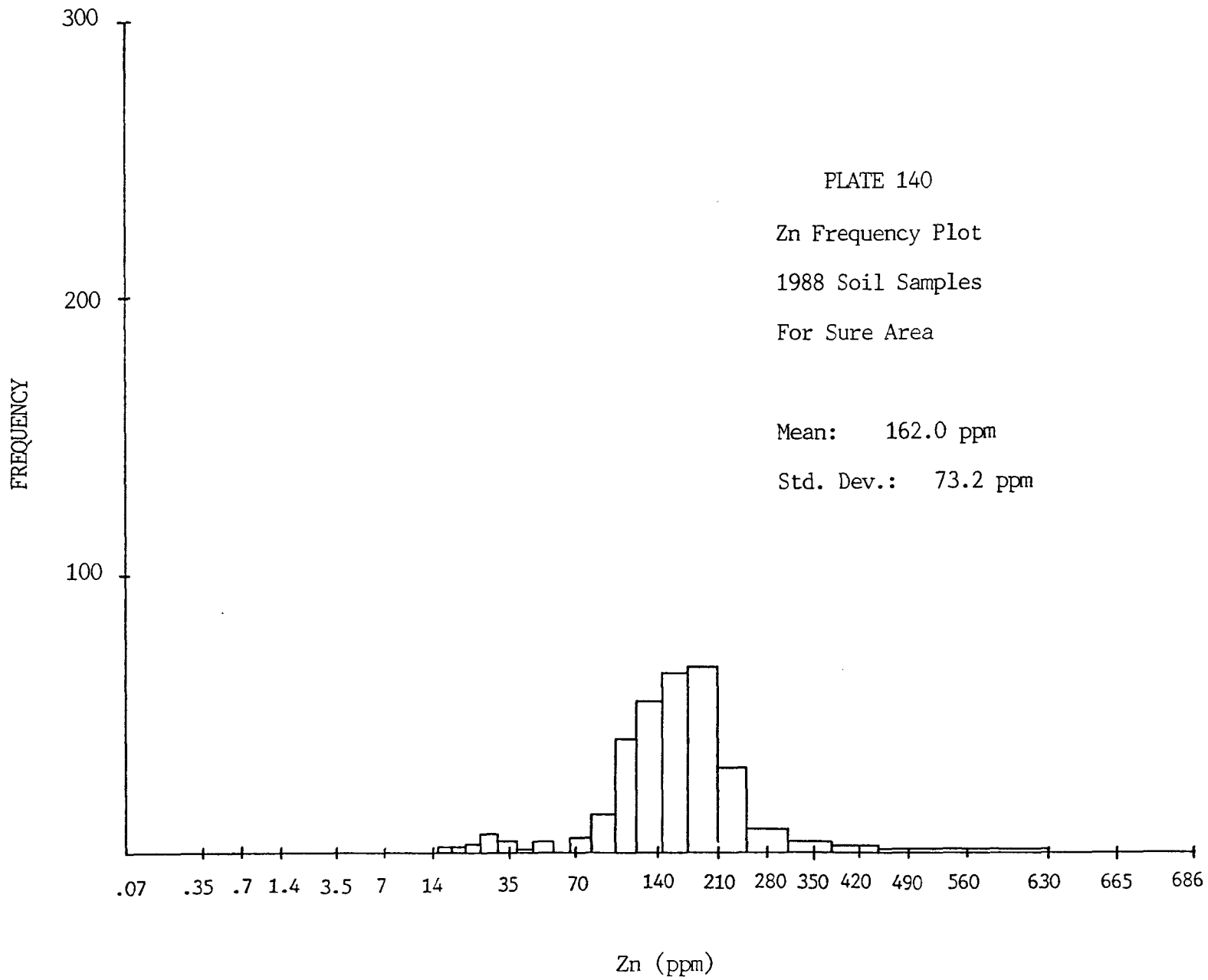


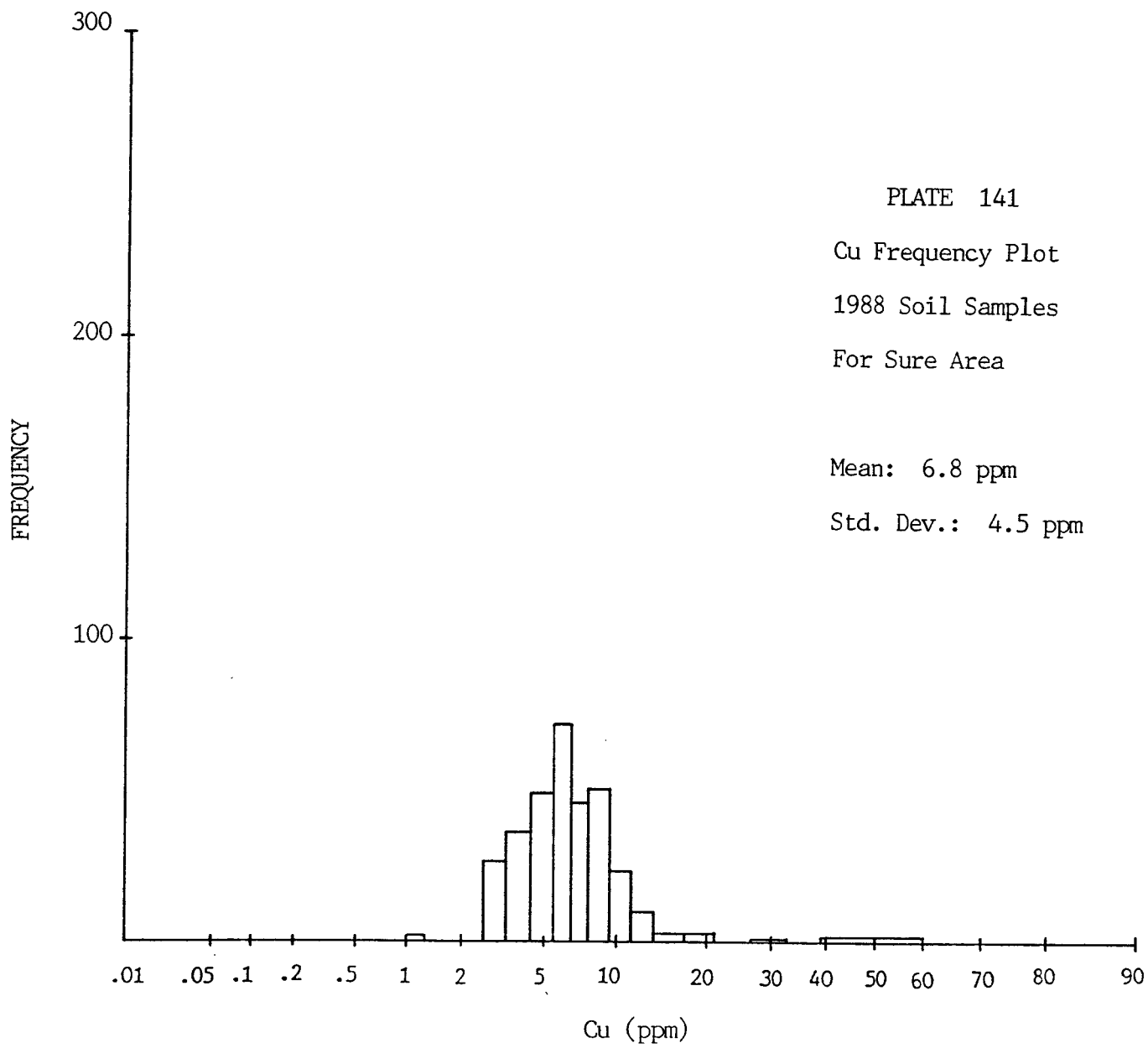


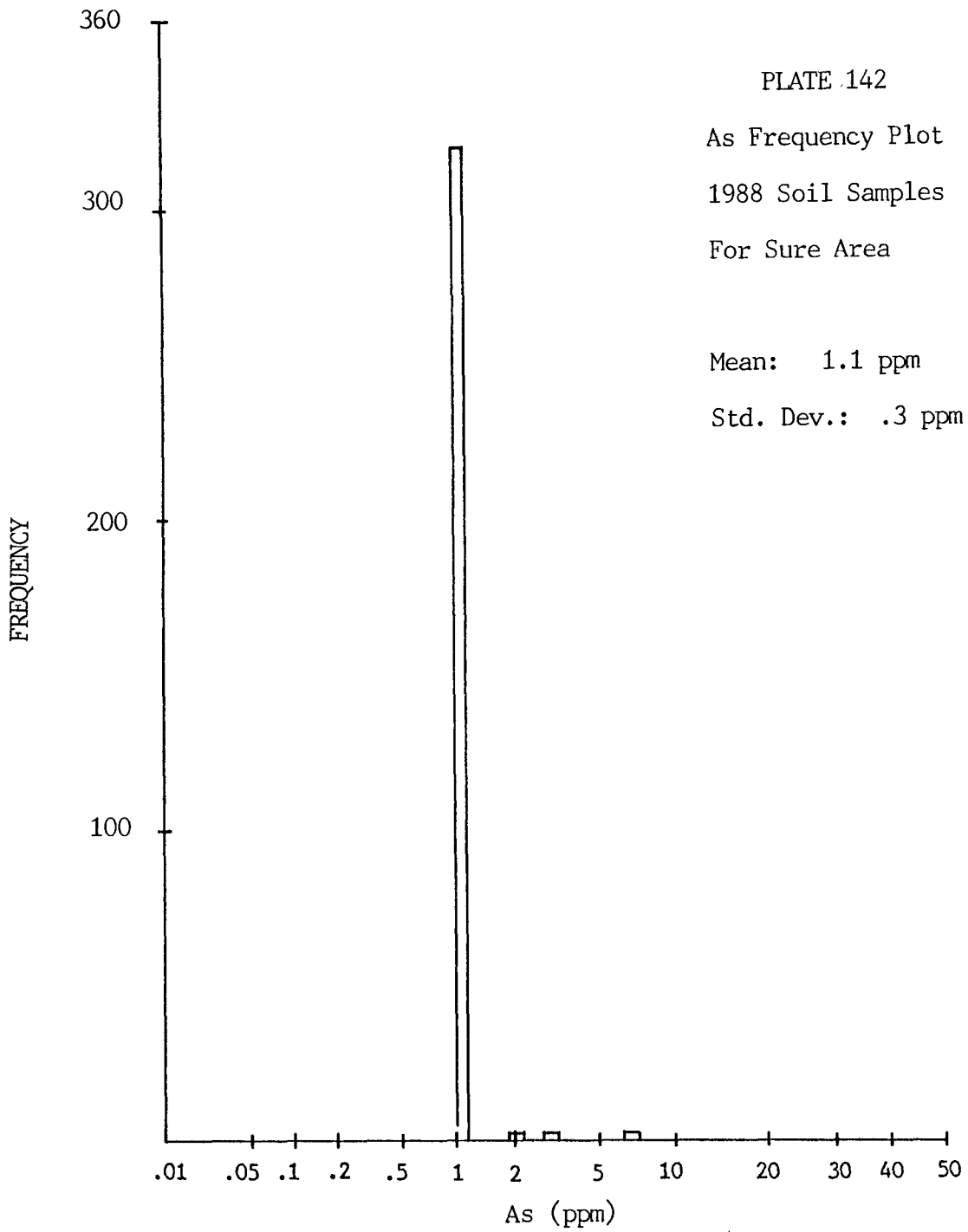












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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

**** GEOCHEMICAL REPORT ****



To: P. J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
VIN 1M4

Number: G 2045

Date: SEPT. 23. 1988

Proj: KING JACK

Attn:

PAGE 1 / 4

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM
1	20+00S L2	3.0	0.6	5.0	12.0	175.0
2	20+50S	3.0	0.2	5.0	15.0	160.0
3	21+00S	3.0	0.3	6.0	15.0	158.0
4	21+50S	3.0	1.0	6.0	16.0	153.0
5	22+00S	3.0	0.5	9.0	16.0	229.0
6	22+50S L2	3.0	0.4	5.0	14.0	139.0
7	L23 2W BL	3.0	0.5	12.0	19.0	704.0
8	23+50N L2	3.0	0.5	9.0	29.0	379.0
9	24+00N	3.0	0.4	9.0	23.0	213.0
10	24+50N	3.0	0.4	8.0	34.0	309.0
11	25+00N L2	3.0	0.4	10.0	32.0	210.0
12	20+00S L3	3.0	0.4	6.0	17.0	121.0
13	20+50S	3.0	0.5	8.0	16.0	125.0
14	21+50S	3.0	0.2	8.0	14.0	120.0
15	22+00S	3.0	0.9	8.0	22.0	192.0
16	22+50S L3	3.0	0.7	7.0	19.0	320.0
17	L23 3W BL	3.0	0.7	11.0	27.0	273.0
18	23+50N L3	3.0	1.2	24.0	15.0	561.0
19	24+00N	3.0	1.0	7.0	33.0	435.0
20	24+50N	3.0	1.0	55.0	57.0	348.0
21	25+00N L3	3.0	1.2	19.0	88.0	368.0
22	20+00S L4	3.0	0.2	4.0	8.0	75.0
23	20+50S	3.0	0.4	6.0	12.0	112.0
24	21+00S	3.0	0.3	5.0	10.0	115.0
25	21+50S	3.0	0.3	6.0	12.0	116.0
26	22+00S	3.0	0.6	9.0	29.0	156.0
27	22+50S L4	3.0	0.3	5.0	18.0	132.0
28	L23 4W BL	3.0	0.1	4.0	17.0	81.0
29	23+50N L4	3.0	0.4	5.0	16.0	162.0
30	24+00N	3.0	1.0	7.0	36.0	413.0
31	24+50N	3.0	1.7	38.0	10.0	2330.0
32	25+00N L4	3.0	0.3	12.0	21.0	283.0
33	20+00S L5	3.0	0.4	11.0	15.0	118.0
34	20+50S	3.0	0.3	5.0	19.0	131.0
35	21+00S	3.0	0.3	6.0	13.0	100.0
36	21+50S	3.0	0.4	5.0	10.0	146.0
37	22+00S	3.0	0.4	6.0	22.0	116.0
38	22+50S L5	3.0	0.4	7.0	12.0	114.0
39	L23 5W SUB BL	3.0	1.2	10.0	117.0	331.0
40	23+50N L5	3.0	0.7	9.0	21.0	264.0

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912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *



To: P. J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
VIN 1M4

Number: G 2045

Date: SEPT. 23, 1988

Proj.: KING JACK

Attn:

PAGE 2 / 4

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM
41	24+00N L5	3.0	0.4	14.0	95.0	710.0
42	24+50N	3.0	0.7	31.0	20.0	265.0
43	25+00N L5	3.0	0.6	24.0	24.0	449.0
44	20+00S L6	3.0	0.3	9.0	12.0	117.0
45	20+50S	3.0	0.3	8.0	12.0	152.0
46	21+00S	3.0	0.2	9.0	17.0	80.0
47	21+50S	3.0	0.2	7.0	15.0	126.0
48	22+00S	3.0	0.1	8.0	13.0	136.0
49	22+50S L6	3.0	0.5	8.0	50.0	214.0
50	L23 6W SUB BL	3.0	0.2	10.0	20.0	174.0
51	23+50N L6	3.0	0.2	12.0	27.0	408.0
52	24+00N	3.0	0.3	8.0	43.0	357.0
53	24+50N	3.0	0.7	8.0	21.0	345.0
54	25+00N L6	3.0	0.6	10.0	14.0	348.0
55	20+00S L7	3.0	0.3	6.0	10.0	103.0
56	20+50S	3.0	0.1	6.0	22.0	76.0
57	21+00S	3.0	0.1	8.0	19.0	90.0
58	21+50S	3.0	0.1	8.0	16.0	92.0
59	22+00S	3.0	0.3	11.0	13.0	90.0
60	22+50S L7	3.0	0.4	8.0	19.0	162.0
61	L23 7W BL	3.0	0.5	8.0	22.0	154.0
62	23+50N L7	3.0	0.3	8.0	23.0	159.0
63	24+00N	20.0	16.2	390.0	353.0	237.0
64	24+50N	3.0	0.5	10.0	47.0	170.0
65	25+00N L7	3.0	0.4	8.0	16.0	646.0
66	20+00S L8	3.0	0.3	9.0	17.0	100.0
67	20+50S	3.0	0.2	7.0	19.0	111.0
68	21+00S	3.0	0.3	6.0	19.0	131.0
69	21+50S	3.0	0.3	8.0	12.0	106.0
70	22+00S	3.0	0.4	9.0	11.0	109.0
71	22+50S L8	3.0	1.0	5.0	39.0	295.0
72	L23 8N SUB BL	3.0	0.4	10.0	12.0	128.0
73	23+50N L8	3.0	0.3	7.0	17.0	118.0
74	24+00N	3.0	0.4	6.0	16.0	221.0
75	24+50N L8	3.0	0.3	7.0	12.0	237.0
76	25+00N L9	3.0	0.2	9.0	20.0	196.0
77	20+00S	3.0	0.3	10.0	21.0	146.0
78	20+50S	3.0	0.2	7.0	20.0	129.0
79	21+00S	3.0	0.3	10.0	27.0	100.0
80	21+50S L9	3.0	0.2	8.0	21.0	118.0

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* GEOCHEMICAL REPORT *



To: P. J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
VIN IM4

Number: G 2045

Date: SEPT. 23, 1988

Proj.: KING JACK

Attn:

PAGE 3 / 4

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM
81	22+00S L9	3.0	0.2	8.0	17.0	109.0
82	22+50S L9	3.0	0.6	7.0	40.0	287.0
83	L23 9W SUB BL	3.0	0.2	6.0	18.0	134.0
84	23+50N L9	3.0	0.2	6.0	20.0	83.0
85	24+00N	3.0	0.2	6.0	12.0	166.0
86	24+50N	3.0	0.6	7.0	13.0	174.0
87	25+00N L9	3.0	0.3	8.0	25.0	145.0
88	20+00S L10	3.0	0.2	8.0	15.0	140.0
89	20+50S	3.0	0.1	9.0	14.0	92.0
90	21+00S	3.0	0.2	6.0	17.0	89.0
91	21+50S	3.0	0.3	8.0	16.0	92.0
92	22+00S	3.0	0.3	8.0	13.0	98.0
93	22+50S L10	3.0	0.5	5.0	29.0	391.0
94	L23 10W SUB BL	3.0	0.2	4.0	17.0	123.0
95	23+50N L10	3.0	0.3	7.0	10.0	134.0
96	24+00N	3.0	0.2	6.0	14.0	112.0
97	24+50N	3.0	0.3	8.0	26.0	159.0
98	25+00N L10	3.0	0.5	13.0	69.0	428.0
99	20+00S L11	3.0	0.2	8.0	22.0	105.0
100	20+50S	3.0	0.2	4.0	18.0	104.0
101	21+00S	3.0	0.3	5.0	19.0	99.0
102	21+50S	3.0	0.5	5.0	15.0	114.0
103	22+00S	3.0	0.4	5.0	17.0	141.0
104	22+50S L11	3.0	0.3	5.0	38.0	250.0
105	L23 11W SUB BL	3.0	0.1	5.0	14.0	124.0
106	23+50N L11	3.0	0.1	4.0	15.0	123.0
107	24+00N	3.0	0.5	8.0	23.0	115.0
108	24+50N	3.0	0.4	7.0	15.0	168.0
109	25+00N L11	3.0	0.5	6.0	31.0	212.0
110	20+00S L12	3.0	0.2	5.0	25.0	131.0
111	20+50S	3.0	0.3	6.0	26.0	115.0
112	21+00S	3.0	0.4	5.0	20.0	95.0
113	21+50S	3.0	0.6	5.0	17.0	127.0
114	22+00S	3.0	2.2	5.0	18.0	98.0
115	22+50S L12	3.0	0.3	8.0	22.0	172.0
116	L23 12W SUB BL	3.0	0.3	7.0	23.0	129.0
117	23+50N L12	3.0	0.3	7.0	20.0	148.0
118	24+00N	3.0	0.4	7.0	21.0	137.0
119	24+50N	3.0	0.6	21.0	75.0	374.0
120	25+00N L12	3.0	0.4	9.0	79.0	726.0

IN AU COLUMN 3 INDICATES (5PPB

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**** GEOCHEMICAL REPORT ****

To: P. J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
V1N 1M4

Number: G 2061

Date: OCT. 18, 1988

Proj.: KING JACK

Attn:

PAGE 1 / 3

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS
1	25+50N L2	3.0	0.6	10.0	27.0	271.0	1
2	26+00N L2	3.0	0.8	18.0	49.0	352.0	4
3	25+50N L3	3.0	0.5	27.0	62.0	321.0	14
4	26+00N L3	3.0	1.3	45.0	163.0	345.0	1
5	25+50N L4	3.0	0.2	10.0	33.0	216.0	1
6	26+00N L4	3.0	0.3	22.0	61.0	520.0	4
7	25+50N L5	3.0	0.6	40.0	92.0	469.0	16
8	26+00N L5	3.0	0.4	18.0	43.0	293.0	1
9	25+50N L6	3.0	0.3	8.0	23.0	252.0	1
10	26+00N L6	3.0	0.6	23.0	189.0	691.0	10
11	25+50N L7	3.0	0.2	12.0	26.0	1060.0	1
12	26+00N L7	3.0	0.2	11.0	23.0	477.0	8
13	25+50N L8	3.0	0.4	8.0	24.0	244.0	4
14	26+00N L8	3.0	0.4	11.0	28.0	286.0	1
15	25+50N L9	3.0	0.4	10.0	28.0	310.0	1
16	26+00N L9	3.0	0.6	51.0	50.0	201.0	20
17	25+50N L10	3.0	1.2	8.0	43.0	540.0	6
18	26+00N L10	3.0	0.2	9.0	43.0	402.0	6
19	25+50N L11	3.0	0.4	16.0	50.0	722.0	14
20	26+00N L11	3.0	0.4	10.0	33.0	277.0	1
21	25+50N L12	3.0	0.3	8.0	33.0	565.0	1
22	26+00N L12	3.0	0.2	7.0	29.0	287.0	1
23	46W L35N	3.0	0.2	9.0	20.0	94.0	0
24	47W	3.0	0.2	8.0	21.0	101.0	0
25	48W	3.0	0.1	9.0	19.0	117.0	0
26	49W	3.0	0.3	9.0	23.0	128.0	0
27	50W L25N	3.0	0.2	9.0	33.0	134.0	0
28	50W L26N	3.0	0.2	10.0	44.0	179.0	0
29	51W	3.0	0.2	10.0	25.0	158.0	0
30	52W L28N	3.0	0.5	15.0	68.0	283.0	0
31	47W L28N	3.0	0.0	9.0	21.0	148.0	0
32	48W	3.0	0.0	8.0	18.0	127.0	0
33	49W	3.0	0.1	8.0	21.0	135.0	0
34	50W	3.0	1.6	10.0	33.0	201.0	0
35	51W	3.0	0.4	12.0	44.0	167.0	0
36	52W L29N	3.0	0.0	7.0	20.0	125.0	0
37	49W L30N	3.0	0.2	8.0	20.0	150.0	0
38	50W	3.0	0.2	9.0	30.0	106.0	0
39	51W	3.0	0.2	9.0	29.0	134.0	0
40	52W	3.0	0.2	10.0	30.0	153.0	0

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**** GEOCHEMICAL REPORT ****



To: P. J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
V1N 1M4

Number: G 2045

Date: OCT. 19, 1988

Proj.: KING JACK

Attn:

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KRAL NO.	IDENTIFICATION	AS PPM
1	20+00S L2	1.0
2	20+50S	1.0
3	21+00S	1.0
4	21+50S	1.0
5	22+00S	1.0
6	22+50S L2	1.0
7	L23 2W BL	1.0
8	23+50N L2	1.0
9	24+00N	1.0
10	24+50N	1.0
11	25+00N L2	1.0
12	20+00S L3	1.0
13	20+50S	1.0
14	21+50S	1.0
15	22+00S	1.0
16	22+50S L3	1.0
17	L23 3W BL	1.0
18	23+50N L3	2.0
19	24+00N	3.0
20	24+50N	3.0
21	25+00N L3	1.0
22	20+00S L4	1.0
23	20+50S	1.0
24	21+00S	1.0
25	21+50S	1.0
26	22+00S	16.0
27	22+50S L4	1.0
28	L23 4W BL	1.0
29	23+50N L4	1.0
30	24+00N	6.0
31	24+50N	24.0
32	25+00N L4	2.0
33	20+00S L5	1.0
34	20+50S	1.0
35	21+00S	1.0
36	21+50S	1.0
37	22+00S	1.0
38	22+50S L5	1.0
39	L23 5W SUB BL	1.0
40	23+50S L5	1.0

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912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

*** GEOCHEMICAL REPORT ***



To: P. J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
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Number: G 2045

Date: OCT. 19, 1988

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KRAL NO.	IDENTIFICATION	AS PPM
41	24+00S L5	2.0
42	24+50S	12.0
43	25+00S L5	1.0
44	20+00S L6	1.0
45	20+50S	1.0
46	21+00S	1.0
47	21+50S	1.0
48	22+00S	1.0
49	22+50S L6	1.0
50	L23 6W SUB BL	2.0
51	23+50N L6	10.0
52	24+00N	6.0
53	24+50N	12.0
54	25+00N L6	16.0
55	20+00S L7	1.0
56	20+50S	1.0
57	21+00S	1.0
58	21+50S	1.0
59	22+00S	10.0
60	22+50S L7	10.0
61	L23 7W BL	1.0
62	23+50N L7	1.0
63	24+00N	1.0
64	24+50N	1.0
65	25+00N L7	1.0
66	20+00S L8	1.0
67	20+50S	1.0
68	21+00S	1.0
69	21+50S	1.0
70	22+00S	1.0
71	22+50S L8	1.0
72	L23 8N SUB BL	1.0
73	23+50N L8	1.0
74	24+00N	1.0
75	24+50N L8	1.0
76	25+00N L9	1.0
77	20+00S	1.0
78	20+50S	1.0
79	21+00S	1.0
80	21+50S L9	1.0

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To: P. J. SANTOS
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PAGE 3 / 4

KRAL NO.	IDENTIFICATION	AS PPM
81	22+00S L9	1.0
82	22+50S L9	1.0
83	L23 9W SUB BL	1.0
84	23+50N L9	1.0
85	24+00N	1.0
86	24+50N	1.0
87	25+00N	1.0
88	20+00S L10	1.0
89	20+50S	1.0
90	21+00S	1.0
91	21+50S	1.0
92	22+00S L10	1.0
93	22+50S L10	1.0
94	L23 10W SUB BL	1.0
95	23+50N L10	1.0
96	24+00N	1.0
97	24+50N	1.0
98	25+00N L10	1.0
99	20+00S L11	1.0
100	20+50S	1.0
101	21+00S	1.0
102	21+50S	1.0
103	22+00S	1.0
104	22+50S L11	1.0
105	L23 11W SUB BL	1.0
106	23+50N L11	1.0
107	24+00N	1.0
108	24+50N	1.0
109	25+00N L11	1.0
110	20+00S L12	1.0
111	20+50S	1.0
112	21+00S	1.0
113	21+50S	1.0
114	22+00S	1.0
115	22+50S L12	1.0
116	L23 12W SUB BL	1.0
117	23+50N L12	1.0
118	24+00N	1.0
119	24+50N	1.0
120	25+00N L12	1.0

IN AS COLUMN 1 INDICATES <2PPM

KAMLOOPS RESEARCH
&
ASSAY LABORATORY
LTD.

B. C. CERTIFIED ASSAYERS

912 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5
PHONE 372-2784 - FAX 372 1112

GEOCHEMICAL LAB REPORT

P. J. SANTOS
626 - 9TH AVE.
CASTLEGAR, B.C.
VIN IM4

DATE SEPT. 1, 1988

FILE NO. G2016

PROJECT: KING JACK

KRAL NO.	IDENTIFICATION						PAGE
		AU	AG	CU	PB	1 / 6	
						ZN	
1	0+00N L4	3.0	0.1	5.0	23.0	203.0	
2	0+50E	3.0	0.1	3.0	18.0	192.0	
3	1+00E	3.0	0.0	7.0	34.0	151.0	
4	1+50E	3.0	0.0	5.0	19.0	250.0	
5	2+00E	3.0	0.2	6.0	18.0	406.0	
6	2+50E	3.0	0.0	3.0	22.0	186.0	
7	3+00E	3.0	0.0	7.0	18.0	167.0	
8	3+50E	3.0	0.0	4.0	23.0	182.0	
9	4+00E	3.0	0.0	5.0	19.0	178.0	
10	4+50E	3.0	0.1	4.0	24.0	200.0	
11	5+00E	3.0	0.2	5.0	23.0	215.0	
12	5+50E	2.0	0.1	6.0	21.0	237.0	
13	6+00E	3.0	0.3	9.0	19.0	128.0	
14	6+50E	3.0	0.2	10.0	18.0	125.0	
15	7+00E	3.0	0.2	8.0	23.0	176.0	
16	7+50E	3.0	0.1	6.0	22.0	139.0	
17	8+00E	3.0	0.0	7.0	36.0	182.0	
18	8+50E	3.0	0.1	6.0	31.0	180.0	
19	9+00E L4	3.0	0.1	11.0	23.0	199.0	
20	0+00N L5	3.0	0.1	4.0	22.0	169.0	
21	0+50E	3.0	0.1	6.0	23.0	89.0	
22	1+00E	3.0	0.1	5.0	28.0	447.0	
23	1+50E	3.0	0.1	3.0	16.0	137.0	
24	2+00E	3.0	0.3	5.0	17.0	172.0	
25	2+50E	3.0	0.1	10.0	25.0	177.0	
26	3+00E	3.0	0.0	8.0	22.0	136.0	
27	3+50E	3.0	0.1	4.0	16.0	163.0	
28	4+00E	3.0	0.1	18.0	23.0	206.0	
29	5+00E	3.0	0.0	5.0	16.0	199.0	
30	5+50E L5	3.0	0.0	4.0	36.0	276.0	

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

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KRAL NO.	IDENTIFICATION	AU	AG	CU	PB	ZN
31	6+00E A L5	3.0	0.0	10.0	20.0	102.0
32	6+50E	3.0	0.0	3.0	19.0	100.0
33	7+00E	3.0	0.1	5.0	22.0	123.0
34	7+50E A	3.0	0.0	5.0	30.0	178.0
35	8+00E	3.0	0.1	8.0	24.0	225.0
36	8+50E	3.0	0.1	9.0	24.0	132.0
37	9+00E L5	3.0	0.0	7.0	18.0	166.0
38	0+00N L6	3.0	0.3	13.0	41.0	214.0
39	0+50E	3.0	0.1	6.0	43.0	219.0
40	1+00E	3.0	0.2	11.0	32.0	227.0
41	1+50E	3.0	0.2	11.0	31.0	232.0
42	2+00E	3.0	0.1	11.0	22.0	131.0
43	2+50E	3.0	0.1	7.0	31.0	162.0
44	3+00E	3.0	0.1	10.0	24.0	127.0
45	3+50E	3.0	0.2	11.0	23.0	120.0
46	4+00E	3.0	0.1	9.0	24.0	167.0
47	4+50E	3.0	0.2	10.0	39.0	300.0
48	5+00E	3.0	0.2	10.0	21.0	240.0
49	5+50E	3.0	0.2	11.0	20.0	101.0
50	6+00E	3.0	0.1	6.0	18.0	89.0
51	6+50E	3.0	0.1	4.0	16.0	117.0
52	7+00E	3.0	0.2	7.0	21.0	173.0
53	7+50E	3.0	0.2	6.0	23.0	168.0
54	8+00E	3.0	0.2	6.0	17.0	92.0
55	8+50E	3.0	0.2	6.0	17.0	110.0
56	9+00E L6	3.0	0.2	7.0	20.0	113.0
57	0+00N L7	3.0	0.2	8.0	30.0	215.0
58	0+50E	3.0	0.3	11.0	34.0	213.0
59	1+00E	3.0	0.3	8.0	27.0	199.0
60	1+50E	3.0	0.3	10.0	25.0	200.0
61	2+00E	3.0	0.4	12.0	25.0	135.0
62	2+50E	3.0	0.3	10.0	24.0	192.0
63	3+00E	3.0	0.4	9.0	25.0	106.0
64	3+50E	3.0	0.4	10.0	22.0	154.0
65	4+00E	3.0	0.2	9.0	25.0	180.0
66	4+50E	3.0	0.3	13.0	43.0	218.0
67	5+00E	3.0	0.4	9.0	26.0	319.0
68	5+50E	3.0	0.1	5.0	23.0	149.0
69	6+00E	3.0	0.1	6.0	21.0	171.0
70	6+50E L7	3.0	0.1	5.0	27.0	165.0

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KRAL NO.	IDENTIFICATION	AU	AG	CU	PB	ZN
71	7+00E L7	3.0	0.1	6.0	20.0	191.0
72	7+50E B-C	3.0	0.2	5.0	34.0	160.0
73	8+00E	3.0	0.0	14.0	22.0	174.0
74	8+50E	3.0	0.2	6.0	23.0	171.0
75	9+00E L7	3.0	0.2	3.0	18.0	131.0
76	0+00N L8	3.0	0.1	7.0	23.0	123.0
77	0+50E	3.0	0.2	12.0	36.0	182.0
78	1+00E	3.0	0.1	7.0	31.0	303.0
79	1+50E	3.0	0.0	7.0	26.0	176.0
80	2+00E	3.0	0.2	8.0	30.0	211.0
81	2+50E	3.0	0.1	5.0	22.0	131.0
82	3+00E	3.0	0.1	6.0	21.0	124.0
83	3+50E	3.0	0.0	5.0	22.0	168.0
84	4+00E	3.0	0.1	7.0	22.0	132.0
85	4+50E	3.0	0.2	6.0	23.0	135.0
86	5+00E	3.0	0.1	7.0	21.0	178.0
87	5+50E	3.0	0.0	6.0	24.0	130.0
88	6+00E	3.0	0.0	3.0	19.0	107.0
89	6+50E	3.0	0.0	3.0	22.0	173.0
90	7+00E	3.0	0.1	4.0	23.0	156.0
91	7+50E	3.0	0.0	4.0	20.0	174.0
92	8+00E	3.0	0.2	9.0	37.0	252.0
93	8+50E	3.0	0.1	5.0	19.0	173.0
94	9+00E	3.0	0.0	6.0	22.0	468.0
95	0+00N L9	3.0	0.0	6.0	43.0	186.0
96	0+50E	3.0	0.0	7.0	26.0	187.0
97	1+00E	3.0	0.2	9.0	32.0	142.0
98	1+50E	3.0	0.1	9.0	44.0	176.0
99	2+00E	3.0	0.0	7.0	24.0	132.0
100	2+50E	3.0	0.0	8.0	29.0	187.0
101	3+00E	3.0	0.0	7.0	20.0	175.0
102	3+50E	3.0	0.0	4.0	13.0	144.0
103	4+00E	3.0	0.0	4.0	15.0	118.0
104	4+50E	3.0	0.0	6.0	19.0	168.0
105	5+00E	3.0	0.0	9.0	23.0	262.0
106	5+50E C HORIZON	3.0	0.0	3.0	18.0	116.0
107	6+00E	3.0	0.0	4.0	32.0	221.0
108	6+50E	3.0	0.1	3.0	26.0	143.0
109	7+00E	3.0	0.1	4.0	40.0	181.0
110	7+50E L9	3.0	0.0	8.0	20.0	177.0

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KRAL NO.	IDENTIFICATION	AU	AG	CU	PB	ZN
111	8+50E L9	3.0	0.3	7.0	94.0	222.0
112	9+00E L9	3.0	0.1	8.0	27.0	214.0
113	0+00N L10	3.0	0.2	9.0	33.0	173.0
114	0+50E	3.0	0.1	6.0	20.0	166.0
115	1+00E	3.0	0.1	4.0	26.0	156.0
116	1+50E	3.0	0.1	5.0	23.0	207.0
117	2+00E	3.0	0.1	6.0	18.0	109.0
118	2+50E	3.0	0.1	6.0	16.0	86.0
119	3+00E	3.0	0.1	21.0	34.0	245.0
120	3+50E	3.0	0.1	7.0	18.0	107.0
121	4+00E	3.0	0.1	4.0	14.0	90.0
122	4+50E	3.0	0.0	6.0	29.0	215.0
123	5+00E	3.0	0.0	8.0	33.0	189.0
124	5+50E	3.0	0.2	5.0	27.0	189.0
125	6+00E	3.0	0.1	3.0	53.0	245.0
126	6+50E	3.0	0.1	1.0	29.0	177.0
127	7+00E	3.0	0.4	7.0	37.0	165.0
128	7+75E L10	3.0	0.1	3.0	32.0	186.0
129	0+00N L11	3.0	0.2	6.0	122.0	214.0
130	1+00E	3.0	0.2	6.0	16.0	125.0
131	1+50E A	3.0	0.2	7.0	51.0	179.0
132	2+00E	3.0	0.2	3.0	19.0	116.0
133	2+50E	3.0	0.1	4.0	27.0	201.0
134	3+00E	3.0	0.1	5.0	33.0	179.0
135	3+50E	3.0	0.0	5.0	28.0	111.0
136	4+00E	3.0	0.1	6.0	21.0	117.0
137	4+50E	3.0	0.1	3.0	19.0	135.0
138	5+00E	3.0	0.2	5.0	57.0	191.0
139	5+50E	3.0	0.1	6.0	30.0	192.0
140	6+00E	3.0	0.4	5.0	32.0	233.0
141	6+50E	3.0	0.1	5.0	27.0	270.0
142	7+00E A	3.0	0.3	6.0	87.0	358.0
143	8+00E L11	10.0	0.1	4.0	55.0	183.0
144	0+00N L12	3.0	0.1	5.0	20.0	119.0
145	0+50E	3.0	0.0	5.0	18.0	125.0
146	1+00E	3.0	0.0	5.0	40.0	158.0
147	1+50E	3.0	0.0	6.0	27.0	192.0
148	2+00E	3.0	0.1	6.0	51.0	235.0
149	2+50E	3.0	0.0	5.0	55.0	99.0
150	3+00E L12	3.0	0.0	6.0	19.0	101.0

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KRAL NO.	IDENTIFICATION	AU	AG	CU	PB	ZN
151	3+50E L12	3.0	0.9	6.0	55.0	164.0
152	4+00E	3.0	0.0	5.0	18.0	145.0
153	4+50E	3.0	0.0	7.0	24.0	179.0
154	5+00E	3.0	0.0	6.0	26.0	165.0
155	5+50E	3.0	0.1	6.0	27.0	191.0
156	6+00E	3.0	0.3	4.0	23.0	207.0
157	6+50E	3.0	0.1	4.0	63.0	250.0
158	7+00E	3.0	0.2	6.0	75.0	675.0
159	7+50E	3.0	0.3	3.0	36.0	230.0
160	8+00E	3.0	0.2	1.0	27.0	129.0
161	8+50E	3.0	0.0	3.0	71.0	245.0
162	8+86E L12	3.0	0.1	3.0	55.0	162.0
163	0+50W L12	3.0	0.1	6.0	31.0	129.0
164	1+00W	3.0	0.1	12.0	49.0	339.0
165	1+50W L12	3.0	0.0	6.0	15.0	140.0
166	0+00N L13	3.0	0.0	6.0	24.0	122.0
167	0+50E	3.0	0.0	8.0	12.0	111.0
168	1+00E	3.0	0.1	7.0	12.0	126.0
169	1+50E	3.0	0.0	6.0	21.0	117.0
170	2+00E L13	3.0	0.0	7.0	15.0	119.0
171	2+50E	3.0	0.0	3.0	14.0	87.0
172	3+00E	3.0	0.0	7.0	15.0	112.0
173	3+50E	3.0	0.0	5.0	11.0	107.0
174	4+00E	3.0	0.0	4.0	12.0	149.0
175	4+50E	20.0	0.4	16.0	15.0	146.0
176	5+00E	100.0	0.4	7.0	13.0	129.0
177	5+50E	3.0	0.1	6.0	17.0	145.0
178	6+00E	5.0	0.1	6.0	22.0	106.0
179	6+50E	3.0	0.0	4.0	14.0	114.0
180	7+00E	3.0	0.1	4.0	17.0	156.0
181	7+50E L13	3.0	0.0	6.0	16.0	203.0
182	0+50W L13	3.0	0.4	13.0	13.0	114.0
183	1+00W	3.0	0.1	6.0	13.0	174.0
184	1+50W L13	3.0	0.0	5.0	13.0	147.0
185	0+00N L14	3.0	0.0	7.0	15.0	146.0
186	0+50E	3.0	0.0	7.0	21.0	195.0
187	1+00E	3.0	0.0	5.0	19.0	149.0
188	1+50E	3.0	0.0	9.0	17.0	151.0
189	2+00E	3.0	0.0	5.0	13.0	124.0
190	2+50E L14	3.0	0.0	6.0	12.0	140.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO. G2016

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ZN

KRAL NO.	IDENTIFICATION	AU	AG	CU	PB	ZN
191	3+00E L14	3.0	0.0	6.0	16.0	125.0
192	3+50E	3.0	0.0	5.0	17.0	193.0
193	4+00E	3.0	0.0	3.0	13.0	104.0
194	4+50E	3.0	0.0	10.0	23.0	183.0
195	5+00E	3.0	0.2	6.0	14.0	108.0
196	5+50E	3.0	0.3	7.0	18.0	234.0
197	6+00E	3.0	0.1	8.0	26.0	231.0
198	6+50E	3.0	0.0	7.0	30.0	246.0
199	7+00E	3.0	0.0	6.0	54.0	263.0
200	7+50E L14	3.0	0.2	43.0	25.0	114.0
201	0+50W L14	3.0	0.0	8.0	23.0	152.0
202	1+00W	3.0	0.2	7.0	18.0	136.0
203	1+50W L14	3.0	0.2	32.0	46.0	211.0

IN AU COLUMN 3 INDICATES <5PPB

IN AG COLUMN 0 INDICATES <.1PPM

CU PB ZN REPORTED IN PPM

**KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.**

B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

*** GEOCHEMICAL REPORT ***



To: p. J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
V1N 1M4

Number: G 2061

Date: OCT. 18, 1988

Proj.: KING JACK

Attn:

PAGE 2 / 3

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS
41	54W	3.0	1.1	13.0	20.0	163.0	0.0
42	55W	3.0	0.2	10.0	31.0	161.0	0.0
43	56W	3.0	0.2	13.0	28.0	175.0	0.0
44	57W L30N	3.0	0.2	13.0	29.0	186.0	0.0
45	1+00W L6	3.0	0.3	8.0	21.0	155.0	1.0
46	1+50W	3.0	0.3	7.0	25.0	148.0	1.0
47	2+00W A	3.0	0.2	8.0	76.0	179.0	1.0
48	2+50W	3.0	0.2	9.0	20.0	128.0	1.0
49	3+00W	3.0	0.3	15.0	22.0	144.0	1.0
50	3+50W	3.0	0.2	60.0	11.0	92.0	1.0
51	4+50W	3.0	0.0	3.0	8.0	36.0	1.0
52	5+40.5W L6	3.0	0.0	3.0	14.0	48.0	1.0
53	0+50W L7	3.0	0.1	8.0	27.0	154.0	1.0
54	1+00W	3.0	0.1	7.0	25.0	136.0	1.0
55	1+50W	3.0	0.1	5.0	20.0	112.0	1.0
56	2+00W	3.0	0.1	9.0	20.0	155.0	1.0
57	2+50W	3.0	0.2	9.0	18.0	141.0	1.0
58	3+00W	3.0	0.1	9.0	22.0	116.0	1.0
59	4+50W	3.0	0.1	6.0	25.0	209.0	1.0
60	6+00W	3.0	0.0	7.0	41.0	161.0	1.0
61	6+50W	3.0	0.0	8.0	26.0	156.0	1.0
62	8+50W L7	3.0	0.0	3.0	16.0	31.0	1.0
63	0+50W L8	3.0	0.0	5.0	18.0	127.0	1.0
64	1+00W	3.0	0.0	3.0	19.0	146.0	1.0
65	1+50W	3.0	0.2	6.0	24.0	172.0	1.0
66	2+00W	3.0	0.1	6.0	21.0	149.0	1.0
67	2+50W	3.0	0.0	9.0	26.0	168.0	1.0
68	3+00W	3.0	0.2	8.0	23.0	129.0	1.0
69	3+50W	3.0	0.2	6.0	22.0	131.0	1.0
70	4+00W	3.0	0.0	5.0	20.0	101.0	1.0
71	4+50W	3.0	0.1	9.0	15.0	78.0	1.0
72	5+00W	3.0	0.1	6.0	32.0	106.0	1.0
73	5+50W	3.0	0.1	7.0	15.0	116.0	1.0
74	6+00W	3.0	0.0	8.0	28.0	310.0	1.0
75	6+50W	3.0	0.2	8.0	27.0	263.0	1.0
76	7+00W	3.0	0.0	5.0	25.0	107.0	1.0
77	7+50W	3.0	0.0	4.0	30.0	107.0	1.0
78	8+50W	3.0	0.0	7.0	36.0	125.0	1.0
79	9+00W L8	3.0	0.0	4.0	22.0	52.0	1.0
80	0+50W L9	3.0	0.4	5.0	36.0	161.0	1.0

**KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (804) 372-2784 FAX 372-1112



*** GEOCHEMICAL REPORT ***

Top. J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
V1N 1M4

Number: G 2061

Date: OCT. 18, 1988

Proj.: KING JACK

Attn:

PAGE 3 / 3

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS
81	1+00W	3.0	0.3	8.0	21.0	120.0	1.0
82	1+50W	3.0	0.2	8.0	24.0	112.0	1.0
83	2+00W	3.0	0.2	9.0	34.0	136.0	1.0
84	2+50W	3.0	0.2	14.0	59.0	217.0	1.0
85	3+00W	3.0	0.2	9.0	38.0	145.0	1.0
86	3+50W	3.0	0.0	3.0	14.0	79.0	1.0
87	4+00W	3.0	0.0	6.0	26.0	140.0	1.0
88	4+50W	3.0	0.0	3.0	19.0	105.0	1.0
89	5+00W	3.0	0.0	4.0	14.0	80.0	1.0
90	5+50W	3.0	0.0	3.0	22.0	98.0	1.0
91	6+00W L9	3.0	0.0	3.0	21.0	74.0	1.0

IN AS COLUMN 1 INDICATES <2 PPM 0 INDICATES NOT READ

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912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (804) 372-2784 FAX 372-1112



**** GEOCHEMICAL REPORT ****

To: P.J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
V1N 1M4

Number: G 2016

Date: OCT. 19, 1988

Proj.: KING JACK

Attn:

PAGE 1 / 6

KRAL NO.	IDENTIFICATION	AS PPM
1	0+00N L4	1.0
2	0+50E	1.0
3	1+00E	1.0
4	1+50E	1.0
5	2+00E	1.0
6	2+50E	1.0
7	3+00E	1.0
8	3+50E	1.0
9	4+00E	1.0
10	4+50E	1.0
11	5+00E	1.0
12	5+50E	1.0
13	6+00E	1.0
14	6+50E	1.0
15	7+00E	1.0
16	7+50E	1.0
17	8+00E	1.0
18	8+50E	1.0
19	9+00E L4	1.0
20	0+00N L5	1.0
21	0+50E	1.0
22	1+00E	1.0
23	1+50E	1.0
24	2+00E	1.0
25	2+50E	1.0
26	3+00E	1.0
27	3+50E	1.0
28	4+00E	1.0
29	5+00E	1.0
30	5+50E	1.0
31	6+00E A	1.0
32	6+50E	1.0
33	7+00E	1.0
34	7+50E A	1.0
35	8+00E	1.0
36	8+50E	1.0
37	9+00E L5	1.0
38	0+00N L6	1.0
39	0+50E	1.0
40	1+00E L6	1.0

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* GEOCHEMICAL REPORT *

To: P.J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
V1N 1M4

Number: G 2016
Date: OCT. 19, 1988
Proj.: KING JACK
PAGE 2 / 6

Attn:

KRAL NO.	IDENTIFICATION	AS PPM
41	1+50E L6	1.0
42	2+00E	1.0
43	2+50E	1.0
44	3+00E	1.0
45	3+50E	1.0
46	4+00E	1.0
47	4+50E	1.0
48	5+00E	1.0
49	5+50E	1.0
50	6+00E	1.0
51	6+50E	1.0
52	7+00E	1.0
53	7+50E	1.0
54	8+00E	1.0
55	8+50E	1.0
56	9+00E L6	1.0
57	0+00N L7	1.0
58	0+50E	1.0
59	1+00E	1.0
60	1+50E	1.0
61	2+00E	1.0
62	2+50E	1.0
63	3+00E	1.0
64	3+50E	1.0
65	4+00E	1.0
66	4+50E	1.0
67	5+00E	1.0
68	5+50E	1.0
69	6+00E	1.0
70	6+50E	1.0
71	7+00E	1.0
72	7+50E B-C	1.0
73	8+00E	1.0
74	8+50E	1.0
75	9+00E L7	1.0
76	0+00N L8	1.0
77	0+50E	1.0
78	1+00E	1.0
79	1+50E	1.0
80	2+00E L8	1.0

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*** GEOCHEMICAL REPORT ***

To: P. J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
V1N 1M4

Number: G 2016
Date: OCT. 19, 1986
Proj.: KING JACK
PAGE 3 / 6

Attn:

KRAL NO.	IDENTIFICATION	AS PPM
81	2+50E L8	1.0
82	3+00E	1.0
83	3+50E	1.0
84	4+00E	1.0
85	4+50E	1.0
86	5+00E	1.0
87	5+50E	1.0
88	6+00E	1.0
89	6+50E	1.0
90	7+00E	1.0
91	7+50E	1.0
92	8+00E	1.0
93	8+50E	1.0
94	9+00E L8	1.0
95	0+00N L9	1.0
96	0+50E	1.0
97	1+00E	1.0
98	1+50E	1.0
99	2+00E	1.0
100	2+50E	1.0
101	3+00E	1.0
102	3+50E	1.0
103	4+00E	1.0
104	4+50E	1.0
105	5+00E	1.0
106	5+50E C HORIZON	1.0
107	6+00E	1.0
108	6+50E	1.0
109	7+00E	1.0
110	7+50E	1.0
111	8+50E	1.0
112	9+00E L9	1.0
113	0+00N L10	1.0
114	0+50E	1.0
115	1+00E	1.0
116	1+50E	1.0
117	2+00E	1.0
118	2+50E	1.0
119	3+00E	1.0
120	3+50E L10	1.0

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* GEOCHEMICAL REPORT *



To: P. J. SANTOS
526 - 9TH AVENUE
CASTLEGAR, B.C.
VIN 1M4

Number: G 2016
Date: OCT. 19, 1988
Proj.: KING JACK

Attn:

PAGE 4 / 6

KRAL NO.	IDENTIFICATION	AS PPM
121	4+00E L10	1.0
122	4+50E	1.0
123	5+00E	1.0
124	5+50E	1.0
125	6+00E	1.0
126	6+50E	1.0
127	7+00E	1.0
128	7+75E L10	1.0
129	0+00N L11	1.0
130	1+00E	1.0
131	1+50E A	1.0
132	2+00E	1.0
133	2+50E	1.0
134	3+00E	1.0
135	3+50E	1.0
136	4+00E	1.0
137	4+50E	1.0
138	5+00E	1.0
139	5+50E	1.0
140	6+00E	1.0
141	6+50E	1.0
142	7+00E A	1.0
143	8+00E L11	1.0
144	0+00N L12	1.0
145	0+50E	1.0
146	1+00E	1.0
147	1+50E	1.0
148	2+00E	1.0
149	2+50E	1.0
150	3+00E	1.0
151	3+50E	1.0
152	4+00E	1.0
153	4+50E	1.0
154	5+00E	1.0
155	5+50E	1.0
156	6+00E	1.0
157	6+50E	1.0
158	7+00E	1.0
159	7+50E	1.0
160	8+00E L12	1.0

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912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112



* GEOCHEMICAL REPORT *

To: P. J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
V1N 1M4

Number: G 2016
Date: OCT. 19, 1988
Proj.: KING JACK

Attn:

PAGE 5 / 6

KRAL NO.	IDENTIFICATION	AS PPM
161	8+50E L12	1.0
162	8+86E	1.0
163	0+50W	1.0
164	1+00W	1.0
165	1+50W L12	1.0
166	0+00N L13	1.0
167	0+50E	1.0
168	1+00E	1.0
169	1+50E	1.0
170	2+00E	1.0
171	2+50E	1.0
172	3+00E	1.0
173	3+50E	1.0
174	4+00E	1.0
175	4+50E	1.0
176	5+00E	1.0
177	5+50E	1.0
178	6+00E	1.0
179	6+50E	1.0
180	7+00E	1.0
181	7+50E	1.0
182	0+50W	1.0
183	1+00W	1.0
184	1+50W L13	1.0
185	0+00N L14	1.0
186	0+50E	1.0
187	1+00E	1.0
188	1+50E	1.0
189	2+00E	1.0
190	2+50E	1.0
191	3+00E	1.0
192	3+50E	1.0
193	4+00E	1.0
194	4+50E	1.0
195	5+00E	1.0
196	5+50E	1.0
197	6+00E	1.0
198	6+50E	1.0
199	7+00E	1.0
200	7+50E L14	7.0

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*** GEOCHEMICAL REPORT ***



To: P. J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
V1N 1M4

Number: G 2016
Date: OCT. 19, 1988
Proj.: KING JACK

Attn:

PAGE 6 / 6

KRAL NO.	IDENTIFICATION	AS PPM
201	0+50W L14	2.0
202	1+00W	1.0
203	1+50W L14	3.0

IN AS COLUMN 1 INDICATES <2PPM

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**** GEOCHEMICAL REPORT ****



To: P. J. SANTOS
626 - 9TH AVENUE
CASTLEGAR, B.C.
V1R 1M4

Number: G 2080

Date: NOVEMBER 30, 1988

Proj.: KING JACK

Attn:

PAGE 1 / 3

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM
1	4+00E 7+50N	3.0	0.0	12.0	24.0	24.0	1.0
2	4+50E	3.0	0.1	9.0	39.0	37.0	1.0
3	5+00E	3.0	0.5	10.0	33.0	33.0	1.0
4	5+50E	3.0	0.2	8.0	28.0	28.0	1.0
5	6+00E	3.0	0.1	5.0	29.0	29.0	1.0
6	6+50E	3.0	0.2	5.0	23.0	23.0	1.0
7	7+00E	3.0	0.0	4.0	21.0	21.0	1.0
8	7+50E 7+50N	3.0	0.2	6.0	45.0	45.0	1.0
9	5+00W 8+00N (A)	3.0	0.1	8.0	30.0	30.0	1.0
10	5+50W	3.0	0.0	7.0	21.0	21.0	1.0
11	6+00W	3.0	0.0	4.0	15.0	15.0	1.0
12	6+50W	3.0	0.0	6.0	18.0	18.0	1.0
13	7+00W	3.0	0.2	4.0	25.0	25.0	1.0
14	7+50W	3.0	0.0	7.0	30.0	30.0	1.0
15	8+00W 8+00N	3.0	0.0	4.0	50.0	50.0	1.0
16	0+50W 10+00N	3.0	0.0	3.0	31.0	31.0	1.0
17	1+00W	3.0	0.2	6.0	49.0	49.0	1.0
18	1+50W	3.0	0.1	6.0	28.0	28.0	1.0
19	2+00W	3.0	0.0	4.0	35.0	35.0	1.0
20	2+50W	3.0	0.0	4.0	37.0	37.0	1.0
21	3+00W	3.0	0.0	6.0	30.0	250.0	1.0
22	3+50W	3.0	0.0	4.0	15.0	91.0	1.0
23	4+00W	3.0	0.0	4.0	18.0	106.0	1.0
24	4+54W	3.0	0.0	5.0	30.0	98.0	1.0
25	5+00W	3.0	0.0	9.0	30.0	203.0	1.0
26	5+50W	3.0	0.3	10.0	41.0	186.0	1.0
27	6+00W	3.0	0.1	9.0	44.0	182.0	1.0
28	6+50W	3.0	0.1	6.0	31.0	196.0	1.0
29	7+00W	3.0	0.0	6.0	52.0	185.0	1.0
30	7+50W	3.0	0.0	6.0	27.0	229.0	1.0
31	8+00W	3.0	0.0	5.0	34.0	237.0	1.0
32	8+50W	3.0	0.1	10.0	28.0	365.0	1.0
33	9+00W 10+00N	3.0	0.0	4.0	27.0	256.0	1.0
34	4+00W 10+50N	20.0	0.0	6.0	59.0	200.0	1.0
35	4+50W	3.0	0.0	5.0	39.0	161.0	1.0
36	5+00W	3.0	0.0	7.0	32.0	119.0	1.0
37	5+50W	3.0	0.0	8.0	60.0	186.0	1.0
38	6+50W	3.0	0.0	7.0	42.0	205.0	1.0
39	7+00W	3.0	0.0	7.0	29.0	96.0	1.0
40	7+50W 10+50N	3.0	0.0	4.0	31.0	209.0	1.0

**KAMLOOPS
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912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

*** GEOCHEMICAL REPORT ***



To: J. J. SANTOS
626 - 5TH AVENUE
CASTLEGAR, B.C.
V1N 1M4

Number: G 2080

Date: NOVEMBER 30, 1988

Proj.: KING JACK

Attn:

PAGE 2 / 3

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM
41	8+00W 10+50N	3.0	0.3	6.0	31.0	153.0	1.0
42	8+50W	3.0	0.0	6.0	30.0	150.0	1.0
43	9+00W 10+50N	3.0	0.0	7.0	26.0	238.0	1.0
44	0+00 11+00N	3.0	0.4	5.0	140.0	185.0	1.0
45	0+50W	3.0	0.5	6.0	71.0	139.0	1.0
46	1+00W	3.0	0.2	6.0	70.0	81.0	1.0
47	1+50W	3.0	0.0	5.0	32.0	183.0	1.0
48	2+00W	3.0	0.1	7.0	35.0	170.0	1.0
49	2+50W	3.0	0.3	6.0	36.0	205.0	1.0
50	3+00W	3.0	0.4	5.0	33.0	226.0	1.0
51	3+50W	3.0	0.2	6.0	25.0	151.0	1.0
52	4+50W	3.0	0.1	6.0	29.0	166.0	1.0
53	5+00W	3.0	0.2	8.0	24.0	220.0	1.0
54	5+50W	3.0	0.1	8.0	33.0	166.0	1.0
55	6+00W	3.0	0.3	6.0	26.0	252.0	1.0
56	6+50W	3.0	0.1	7.0	49.0	159.0	1.0
57	7+00W	3.0	0.0	8.0	66.0	167.0	1.0
58	7+50W	3.0	0.3	5.0	38.0	247.0	1.0
59	8+00W	3.0	0.2	7.0	24.0	197.0	1.0
60	8+50W	3.0	0.1	5.0	24.0	205.0	1.0
61	9+00W 11+00N	3.0	0.0	4.0	28.0	234.0	1.0
62	0+00 15+00N	3.0	0.0	5.0	29.0	185.0	1.0
63	0+50E	3.0	0.0	6.0	17.0	144.0	1.0
64	1+00E	3.0	0.2	7.0	27.0	193.0	1.0
65	1+50E	3.0	0.2	11.0	16.0	140.0	1.0
66	2+00E	3.0	0.0	10.0	23.0	197.0	1.0
67	2+50E	3.0	0.3	6.0	22.0	141.0	1.0
68	3+00E	3.0	0.0	5.0	14.0	112.0	1.0
69	3+50E	3.0	0.1	4.0	12.0	96.0	1.0
70	4+00E 15+00N	3.0	0.4	11.0	42.0	396.0	1.0
71	1+00W 15+00N	3.0	0.1	10.0	55.0	301.0	1.0
72	1+50W 15+00N	3.0	0.2	7.0	44.0	260.0	1.0

IN AU COLUMN 3 INDICATES (5PPB

IN AG COLUMN 0 INDICATES (<.1PPM

IN AS COLUMN 1 INDICATES (<2PPM

**KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

**** ICP ANALYSIS ****



To: P.J. Santos
626 - 9th Ave.
Castlegar, B.C.
V1N 1M4

Number: G 2056

Date: Oct. 18, 1988

Proj.:

Attn:

Element	Reported In	Sample No. 43802	Sample No. 43803	Sample No. 43804
Al	percent	1.24	1.07	.74
Ag	ppm	11.7	81.2	2.2
As	ppm	6.	16.	5.
Au	ppm	ND	ND	ND
B	ppm	4.	10.	5.
Ba	ppm	68.	37.	36.
Bi	ppm	20.	232.	2.
Ca	percent	.15	.47	.14
Cd	ppm	3.	711.	2.
Co	ppm	5.	54.	3.
Cr	ppm	62.	52.	89.
Cu	ppm	65.	868.	71.
Fe	percent	6.66	19.83	3.27
K	percent	.47	.26	.32
La	ppm	10.	4.	7.
Mg	percent	.66	.61	.52
Mn	ppm	402.	987.	444.
Mo	ppm	16.	9.	18.
Na	percent	.05	.02	.03
Ni	ppm	3.	52.	4.
P	percent	.086	.053	.034
Pb	ppm	2060.	6585.	472.
Sb	ppm	3.	3.	2.
Sr	ppm	36.	16.	12.
Th	ppm	7.	4.	11.
Ti	percent	.11	.04	.07
U	ppm	5.	5.	5.
V	ppm	139.	78.	46.
W	ppm	1.	3.	1.
Zn	ppm	305.	33694.	247.



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

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

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO P.J. Santos
626 - 9th Avenue
Castlegar, B.C. VIN 1M4

Certificate No. K 9119
Date August 25, 1988

Project: Kingjack

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No	Marked	Au	Ag						
		ozs/ton	ozs/ton						
1.	33598	L.001	L.01						
2.	33599	L.001	L.01						
3.	33600	L.001	L.01						
4.	43802	L.001	.41						
5.	43803	.002	2.71						
6.	43804	L.001	.03						
7.	43805	.004	.14						
8.	43806	.049	1.69						
9.	43807	.031	.79						
10.	43808	L.001	.06						

L means "less than"

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

David A. Stinson
Registered Assayer, Province of British Columbia