

3013

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3013 MAP

GEOLOGICAL - GEOCHEMICAL REPORT

ON MINERAL LEASES

M-51, M-52 and M-118

Located 12 miles north of
Stewart, B. C.
(56°07' N, 130°01'W)

104 B / 1E

Skeena Mining Division, B. C.

by

G. A. Noel, P. Eng.

April 23, 1971

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SUMMARY

From September 20 to October 27, 1970, geological mapping and a geochemical soil survey were completed over part of the area covered by Mineral Leases M-51, M-52 and M-118, owned by Carl Wikstrom of Stewart, B. C. This property is on Big Missouri ridge about 12 miles north of Stewart, B. C., and is accessible by road from Stewart. A total area of 3000 feet north-south by 4500 feet east-west was covered by these surveys, mainly on the Terminus (Lease M-51) and Laura (Lease M-52) claims (See Figure 1). The area is underlain by Jurassic flows and pyroclastics intruded by dikes and sills of porphyry, diorite, and aplite. The flows and sediments have been gently folded along northwest-trending axes, and have been cut by N20°W faulting. In places, generally defined by faulting and fracturing, the tuffs have been almost completely silicified. Pyrite occurs in varying amounts in these zones and is generally accompanied by small amounts of sphalerite and galena. The most significant mineralized zone on the property is the Laura vein which is exposed on the southern part of the Laura claim along the east side of Harris Creek. This zone trends N10°E, dipping west, and is about 120 feet long and 20 feet thick. The mineralization consists of pyrite, sphalerite, galena and chalcopyrite in silicified andesitic tuff. On the Terminus claim about 200 feet west of Harris Creek, a mineralized silicified zone has been traced for about 250

feet in an east-west direction. The lead, zinc and silver content of these mineralized zones is generally quite low. The soil sample survey outlined a number of coincident lead, silver and copper anomalies which should be further investigated.

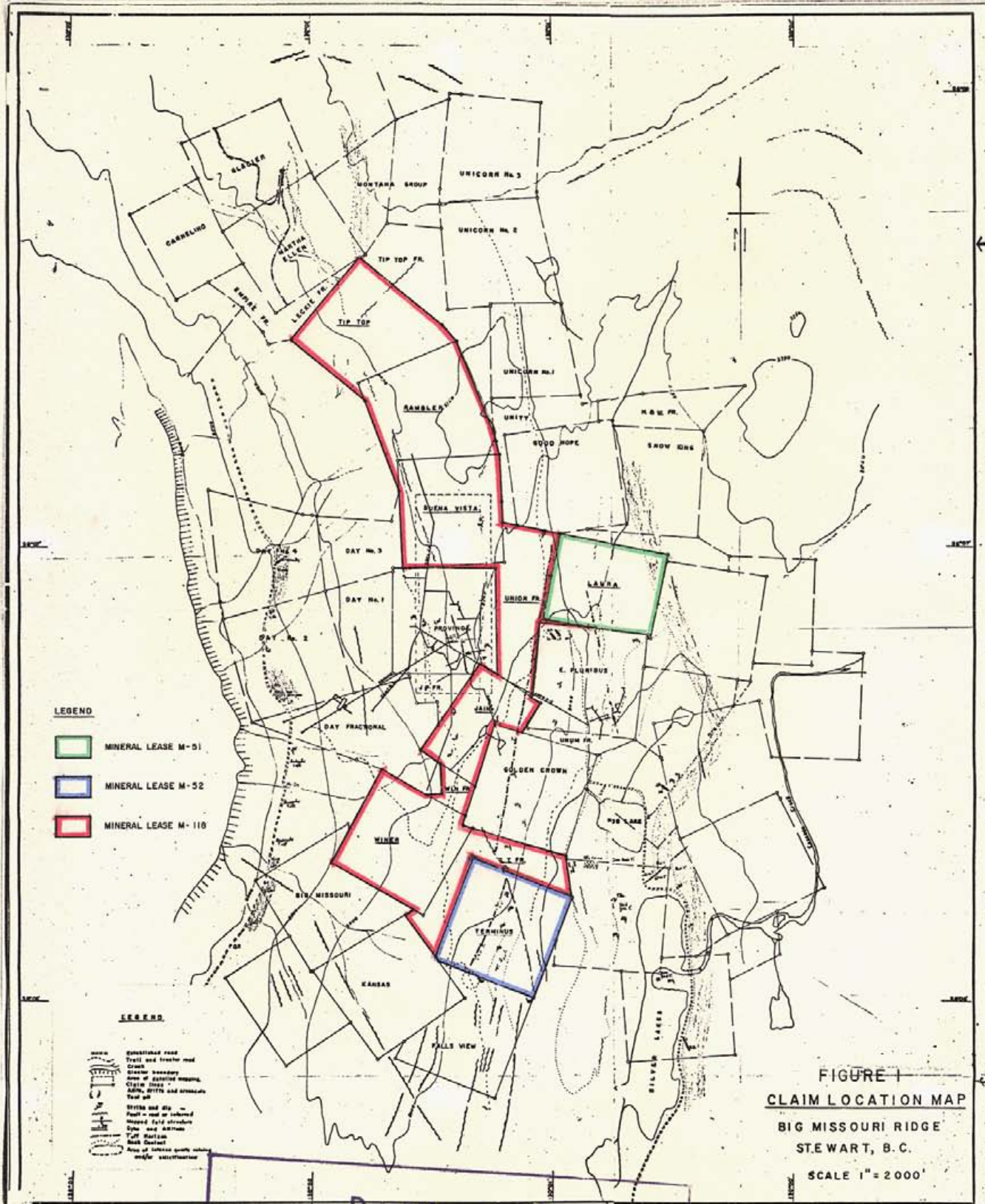
INTRODUCTION

From September 20 to October 27, 1970 a crew of four men conducted geological and geochemical soil surveys over part of the area covered by Mineral Leases M-51, M-52 and M-118, which are owned by Carl Wikstrom of Stewart, B. C. These Mineral Leases are at present under Option to El Paso Mining and Milling Company.

The Mineral Leases comprise 10 former Crown Grants, which are listed below:

M-51	Lot 3221	- Terminus
M-52	Lot 3214	- Laura
M-118	Lot 3205	- Tip Top
	Lot 3206	- Rambler
	Lot 3207	- Buena Vista
	Lot 3209	- Jain
	Lot 3212	- Winer
	Lot 3215	- Union Fr.
	Lot 3222	- G.T. Fr.
	Lot 3224	- Win Fr.

These three leases are on Big Missouri ridge about 12 miles north of Stewart, B. C. (Figure 1). The property is reached from Stewart at the head of Portland Canal via nine miles of good road north along the east side of Salmon River to the Premier Mine; then six miles of the rough Big Missouri road to the north-northeast.



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The average elevation of the property is about 3000 feet but the area is one of heavy snowfall, which generally limits field exploration to July through September.

FIELDWORK

A total of 38 days was spent in geological mapping and geochemical soil surveys by a crew of four men between September 20 and October 27, 1970.

A four-wheel drive truck was used to commute to the property each day from accommodations at Stewart, B. C. This trip usually required one hour each way.

The entire property could not be covered before the advent of the winter snowfalls, so the work was concentrated on Mineral Leases M-51 and M-52, Terminus and Laura claims. The Laura claim (M-52) is 3500 feet NNE of the Terminus claim (M-51) with the eastern part of Lease M-118 extending between the Laura and Terminus claims.

A baseline (100E) was run due south from 115N at the north end of the Laura claim to 55N at the south end of the Terminus claim by Silva compass and nylon tape. The Laura grid covered an area 1500 feet north-south by 2500 feet east-west with east-west lines 100 feet apart and stations along the lines at 50-foot intervals. The Laura grid was marked from 100N to 115N and from 85E to 110E. On the Terminus claim, the same line and station spacing was used with the grid covering 1500 feet north-south by 2000 feet east-west.

This grid was marked from 55N to 70N and from 85E to 105E and it is tied into the Terminus grid by a baseline survey.

The grids were used for geological mapping as well as for the geochemical soil surveys. Samples were taken from most of the mineralized exposures and from old adits, and these locations were tied to the survey grid.

The soil samples were taken from the "B" horizon using a 1-inch diameter auger. This horizon was at a depth of 6 inches to one foot below the surface. A total of 1316 soil samples was collected and analyzed for total lead, silver and copper in parts per million by Chemex Labs Ltd., 212 Brooksbank Avenue, North Vancouver, B. C., using the following procedure:

1. The soil sample was air-dried at 150⁰F.
2. The sample was then sieved through a -80 mesh nylon and stainless steel sieve.
3. 0.5 grams of the -80 mesh material was weighed into a test tube and digested for two hours in hot 70% HClO₄ and HNO₃.
4. The sample volume was adjusted to 25 mls. and mixed thoroughly.
5. Analysis of copper, lead and zinc content was then done by the atomic absorption method.

GEOLOGY

Big Missouri ridge is underlain by flows and pyroclastics of the Hazelton Group of Jurassic age. These volcanic rocks and sediments are intruded by numerous dikes and sills, including quartz and feldspar porphyry, dacite porphyry, diorite, aplite and lamprophyre.

On the Wikstrom property, the rocks are generally andesitic tuffs which have been divided into the following units in the detailed mapping: foliated andesite tuff, non-foliated andesite tuff, foliated argillaceous andesitic tuff, argillite, phyllite, fine-grained tuff, and silicified tuff. These rocks show a generally crude stratification and in some places foliation. Widespread silicification and quartz vein development cause further complication of the stratigraphy. The entire section has been gently folded along northwest-trending fold axes. Steeply dipping N20°W faults cut the andesitic tuff members. These faults do not show any significant displacement of the surface geology.

The andesitic tuffs have in places been almost completely silicified with some accompanying development of clay minerals. These areas are generally defined by faulting and associated fracturing. Pyrite in varying amounts is disseminated through the silicified zones. In some places, pyrite forms massive veins up to one foot wide. Small amounts of sphalerite and galena generally accompany the pyrite.

On the Laura claim, the most significant mineralized zone is exposed along the east side of Harris Creek near the southern boundary

of the property in three short underground workings. (See Map No. 2) This silicified replacement zone trends N10°E and dips 35° to the west. It is about 20 feet thick and 120 feet long with possible extension to the north. The mineralization consists of pyrite, sphalerite, galena and chalcopyrite in relatively fresh andesitic tuff, well fractured and filled with quartz and calcite veins. The average grade of a number of samples taken from this zone is:

1.58 oz/ton silver; 0.84% copper; 3.04% lead; 4.3% zinc

West of the southwest corner of the Laura claim, on the Union Fraction claim, a 35-foot adit follows a 6" quartz vein striking east-west. A sample cut across this vein assayed 0.23% Cu; 1.20% Pb; 4.00% Zn; 3.32 oz/ton Ag and 0.048 oz/ton Au.

About 400 feet to the WNW, two short adits cut across a silicified zone about 40 feet wide grading 0.176 oz/ton Au; 1.26 oz/ton Ag; 2.18% Pb; 2.36% Zn. This zone apparently trends N20°E and has been traced for only 70 feet along strike by these two cross-cuts.

On the Terminus claim, a silicified zone has been mapped about 200 feet west of Harris Creek (See Map No. 3). This zone covers an area roughly 250 feet (east-west) by 50 feet wide. A short adit cuts into the west end of this altered zone. The adit cuts several narrow quartz veins but continuous chip sampling along the south wall of the adit over 50 feet showed very low lead, zinc, silver and gold values. A six-inch quartz vein with massive galena and some chalcopyrite and sphalerite is exposed at the portal of the adit. It apparently strikes

east-west and dips about 45° to the north. A sample cut across this vein assayed 6.95% lead, 0.70% zinc, 2.9 oz/ton silver and 0.04 oz/ton gold. Two test pits, 50 feet apart, were blasted into the east end of the silicified zone. Samples from these pits assayed:

0.09% Cu; 0.72% Pb; 1.78% Zn; 1.15 oz/ton Ag and 0.178 oz/ton Au

GEOCHEMICAL RESULTS

Frequency distribution curves were plotted for copper, lead and silver, and were used to determine background and anomalous values of these metals in the soil. (See Figures 2 to 7 inclusive.) These values are shown in the following table:

	<u>ppm Cu</u>	<u>ppm Pb</u>	<u>ppm Ag</u>
Arithmetic mean	25	70	4
Possibly anomalous	50 - 100	100 - 200	4 - 8
Probably anomalous	100 - 150	200 - 350	8 - 20
Definitely anomalous	> 150	> 350	> 20

On the geochemical soils maps (Maps No. 4 to 9 inclusive) the "possibly", "probably" and "definitely" anomalous areas are outlined in yellow, orange and red respectively.

The contoured patterns for lead, copper and silver concentrations in soils correlate fairly well, except in the northwest part of the Union Fraction claim (Map Nos. 7 and 9) where high silver values do not coincide with high lead values.

FIGURE 2
CUMULATIVE FREQUENCY CURVE
COPPER IN SOILS
MINERAL LEASES M-51, M-52 & M-118
BIG MISSOURI RIDGE
STEWART AREA, B.C.

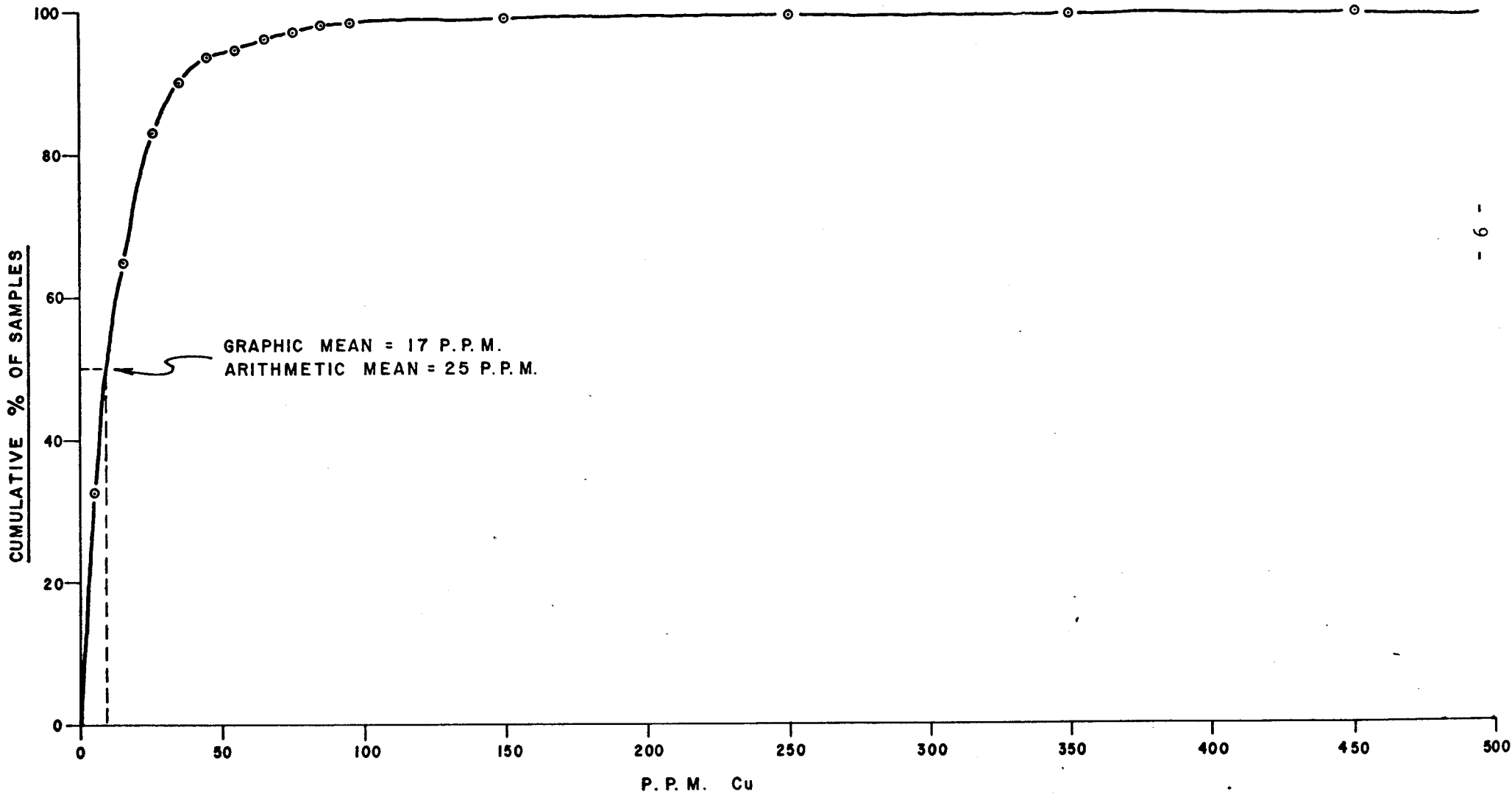


FIGURE 3
FREQUENCY CURVE
COPPER IN SOILS
MINERAL LEASES M-51, M-52 & M-118
BIG MISSOURI RIDGE
STEWART AREA, B. C.

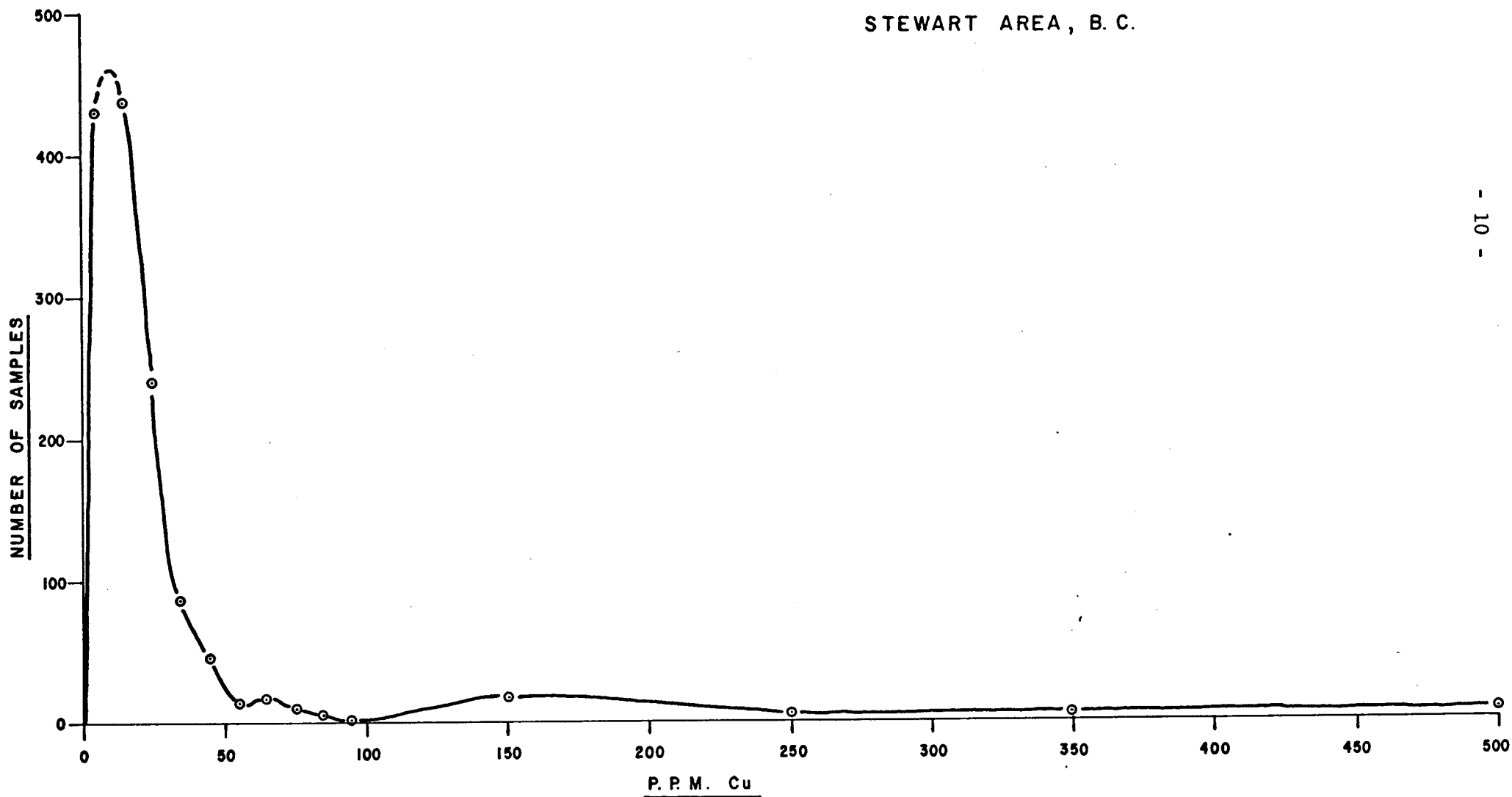


FIGURE 4
CUMULATIVE FREQUENCY CURVE
LEAD IN SOILS
MINERAL LEASES M-51, M-52 & M-118
BIG MISSOURI RIDGE
STEWART AREA, B.C.

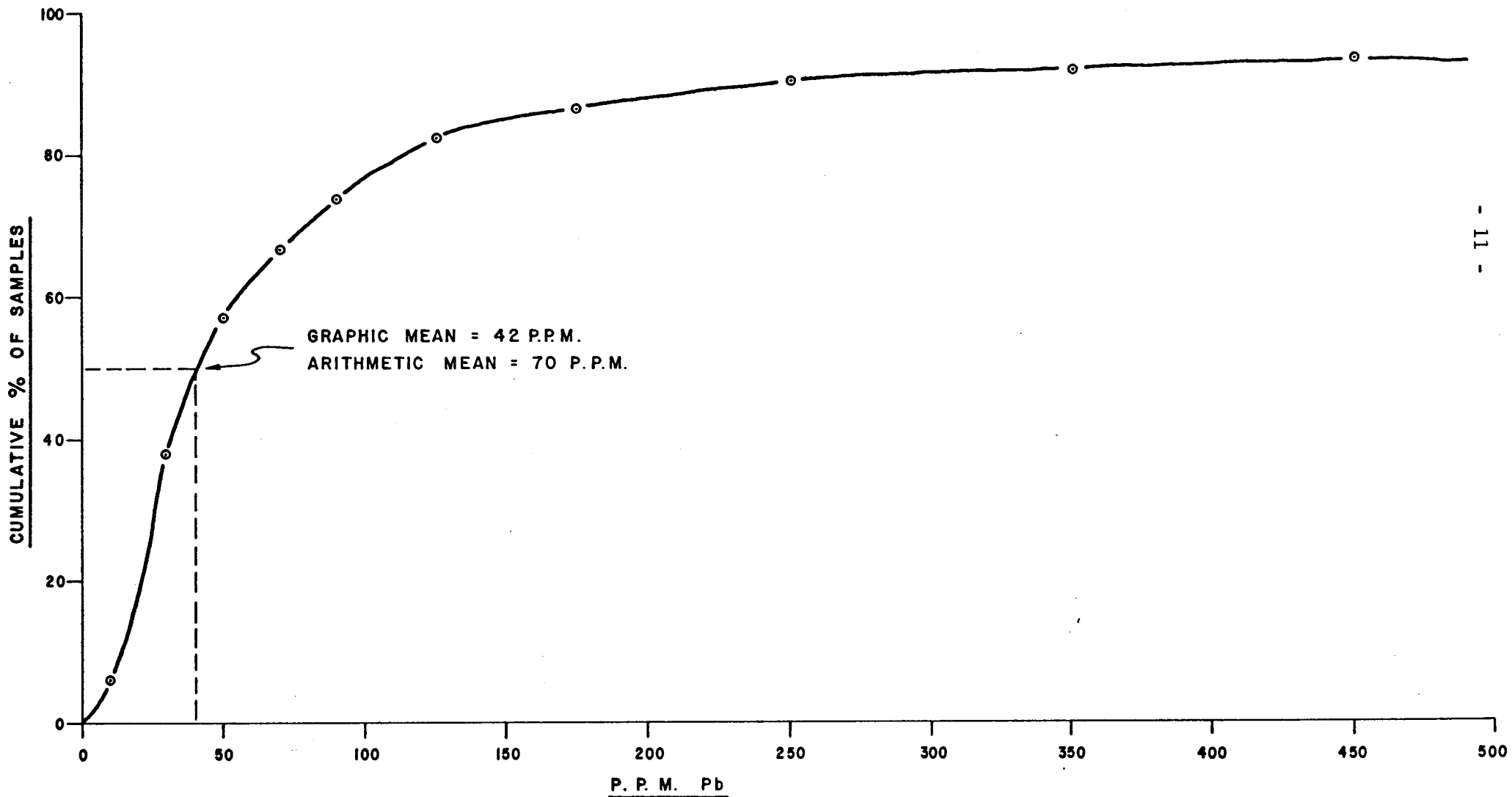


FIGURE 5
FREQUENCY CURVE
LEAD IN SOILS
MINERAL LEASES M-51, M-52 & M-118
BIG MISSOURI RIDGE
STEWART AREA, B. C.

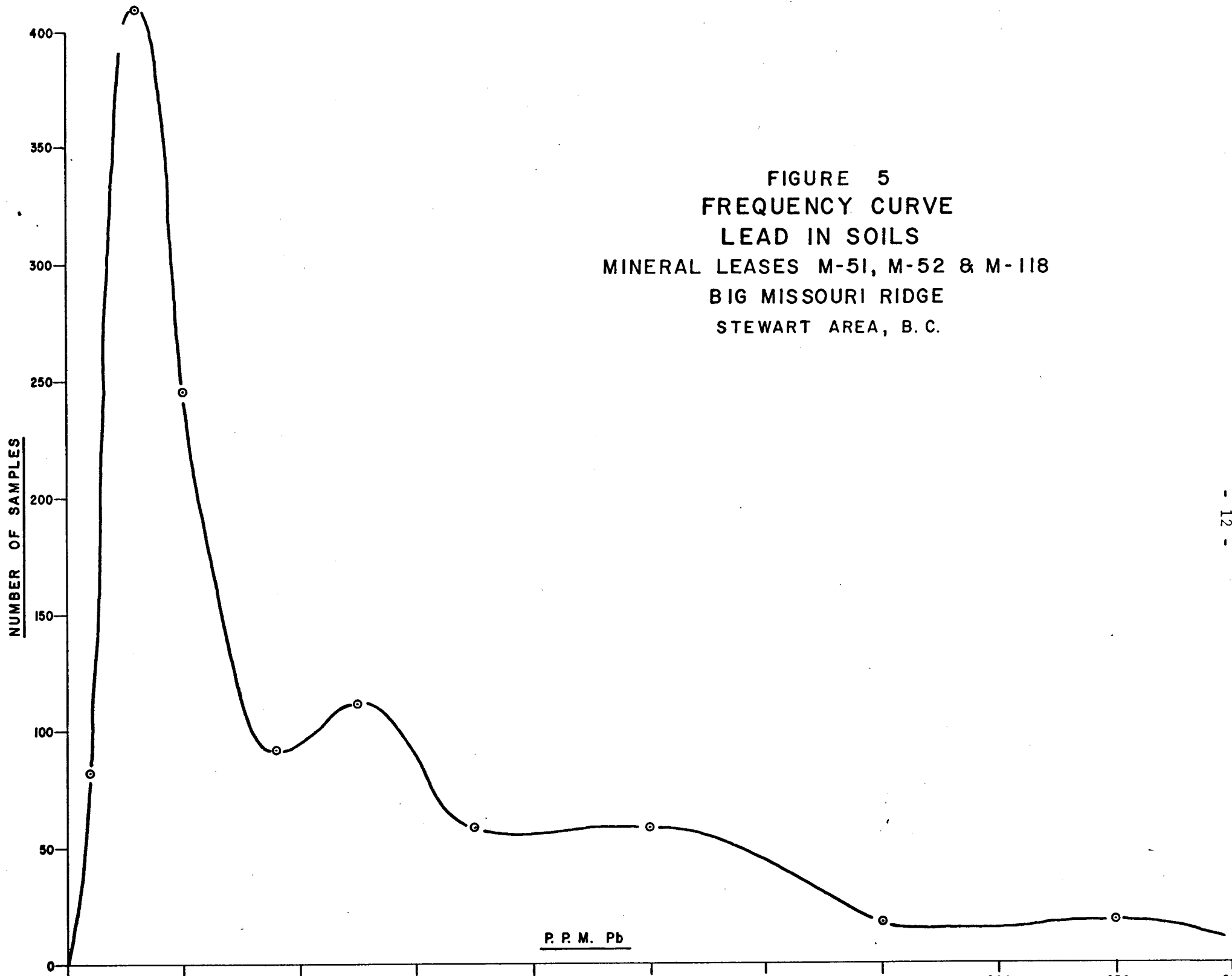


FIGURE 6
CUMULATIVE FREQUENCY CURVE
SILVER IN SOILS
MINERAL LEASES M-51, M-52 & M-118
BIG MISSOURI RIDGE
STEWART AREA, B. C.

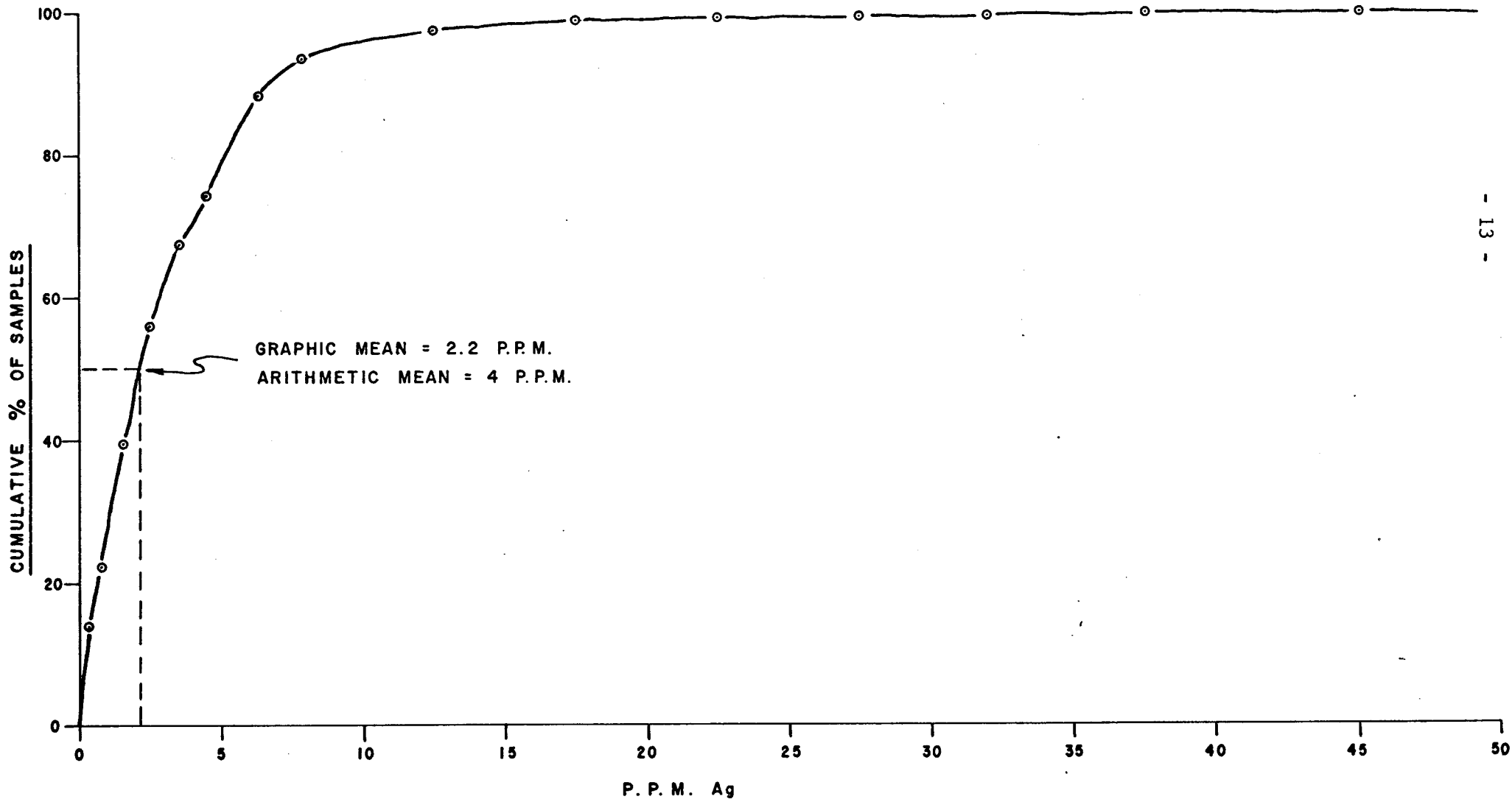
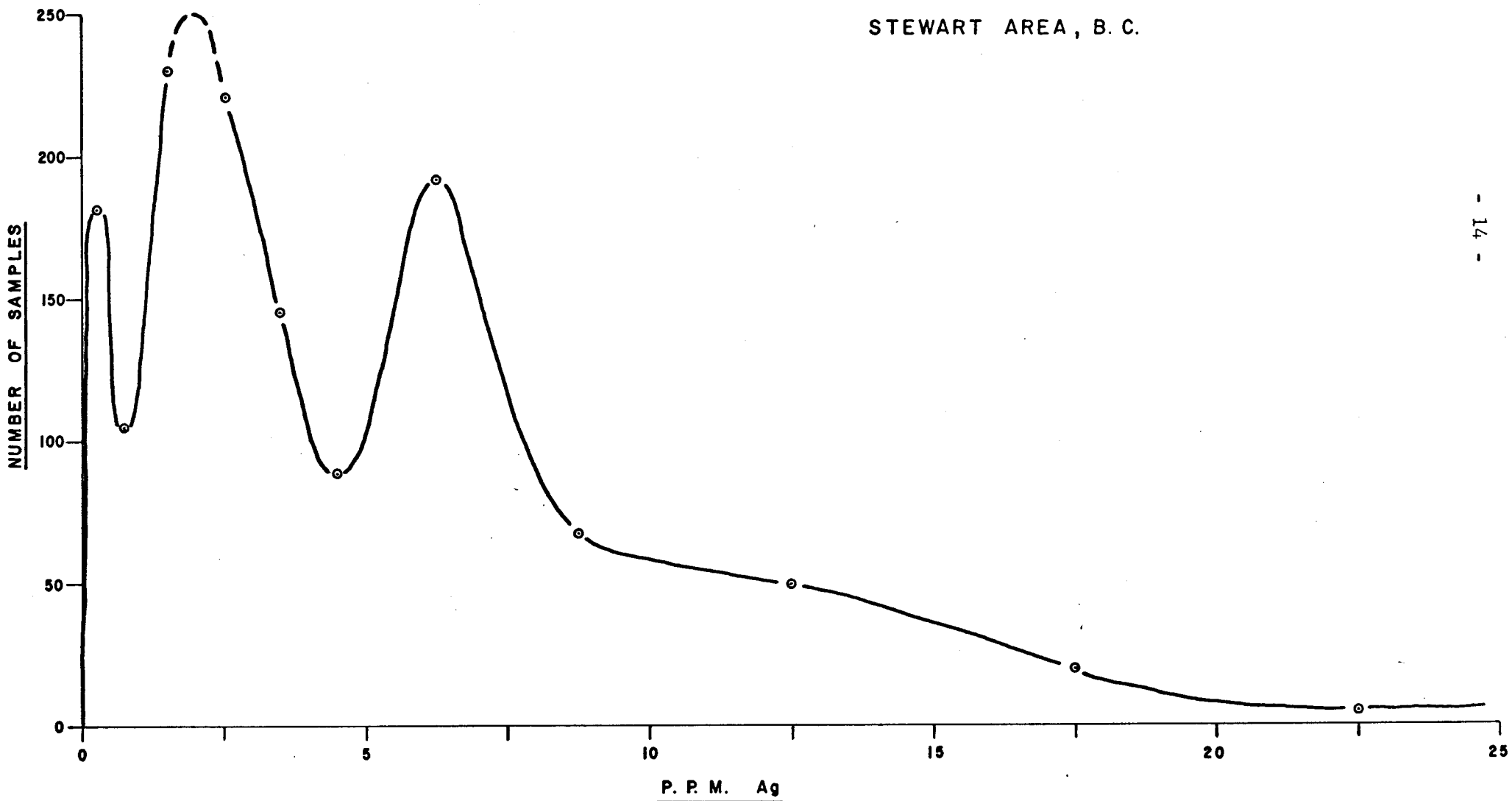


FIGURE 7
FREQUENCY CURVE
SILVER IN SOILS
MINERAL LEASES M-51, M-52 & M-118
BIG MISSOURI RIDGE
STEWART AREA, B. C.



Five main anomalous zones have been outlined on the Laura (M-52) and Union Fraction (part of M-118) claims. (See Map No. 3). One soil anomaly is centered at 107 North, 100 East, and extends in a north-south direction for at least 1000 feet. This anomaly coincides with the N20⁰W faulting that cuts across the main Laura showings. A second soil anomaly is centered at 102N, 97E about 700 feet west of the Laura showings. This anomaly is at least 1000 feet long (north-south) by 400 feet wide and is open to the south into the E. Pluribus claim. This anomaly is in the vicinity of several northwest-trending faults along the west fork of Harris Creek. However, it may be entirely related to the drainage in this area. A third soil anomaly, centered at 107N, 93E, is roughly circular in plan and is about 500 feet in diameter. A fourth anomaly, centered about 101 North, 90 East, is roughly 500 feet long (north-south) by 200 feet wide. This anomaly is associated with an altered zone (silicified and pyritized tuff) and with north-northwest faulting. A fifth anomaly is centered about 112N and 87E in the northwest corner of the Union Fraction claim. This anomaly is about 1000 feet long by 200 feet wide and is down-drainage from several areas of lead-zinc-silver-gold vein mineralization.

One soil anomaly is outlined on the Terminus claim (Mineral Lease M-51) centered at 59N 88E (See Map No. 7). This anomaly is about 1400 feet long (NE-SW) by 200 feet wide and is apparently due to the mineralized silicified zone 200 feet west of Harris Creek. The configuration of the anomaly suggests that the mineralization extends northeasterly along Harris Creek. A second soil anomaly is centered about 66N, 86E

in the northwest corner of G.T. Fraction (part of Mineral Lease M-118). This anomaly extends at least 1200 feet north-south by at least 600 feet east-west and is open to the north and west. This area is devoid of outcrop but the drainage has caused some attenuation of the anomaly to the southeast.

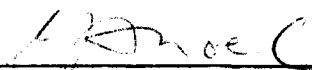
CONCLUSIONS

Lead-zinc-silver mineralization on Mineral Leases M-51, M-52 and M-118 is restricted to quartz veins and silicified zones. These zones are closely related to northwest and northeast faulting and fracturing in volcanic tuffs and flows. The silicified and mineralized zones are generally narrow, discontinuous, erratically distributed, and relatively low in lead, zinc and silver content. Geological mapping to date has not discovered any significant mineralization other than that exposed by prior work. The geochemical soil survey has outlined a number of lead-silver-copper anomalies which will require further investigation.

RECOMMENDATIONS

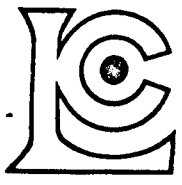
The geochemical soil survey should be extended to completely delineate the soil anomalies outlined northwest of the Union Fraction, along the south boundary of the Laura claim, and in the northwest corner of the G. T. Fraction. The more significant geochemical anomalies should be investigated by bulldozer trenching. Geological mapping

should be continued to the north and west to cover the balance of the mineral leases with extension of the geochemical survey over the overburden areas.



G. A. Noel

APPENDIX A
GEOCHEMICAL ANALYSES



CHEMEX LABS LTD.

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CANADA
TELEPHONE: 985-0648

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CERTIFICATE OF ANALYSIS

El Paso Mining and Milling Company,
TO: #500 - 885 Dunsmuir St.,
Vancouver, B. C.

RECEIVED
NOV - 6 1970
El Paso Mining & Milling Co.

CERTIFICATE NO. 12612
INVOICE NO. 4421
DATE RECEIVED Oct. 27/70
DATE ANALYSED Nov. 4/70

ATTN: Mr. G. A. Noel

SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver
55N	85E	28	46	3.0
	85+50E	24	70	3.5
	86	14	54	1.5
	87	7	35	1.0
	86+50	10	44	1.5
	87+50	10	77	2.0
	88	12	56	3.0
	88+50	4	33	1.5
	89	21	280	3.0
	89+50	26	72	4.5
	90	20	79	4.0
	90+50	4	35	2.0
	91	14	48	1.5
	91+50	8	89	2.5
	92	16	136	3.0
	92+50	33	82	2.0
	93	22	79	3.0
	93+50	7	39	2.5
	94	6	44	3.5
	94+50	8	35	1.5
	95	4	128	3.0
	95+50	7	39	1.5
	96	8	60	3.0
	96+50	8	48	4.0
	97	10	63	3.5
	97+50	13	44	2.5
	98	10	37	4.0
	98+50	10	44	3.0
	99	3	33	1.0
	99+50	1	24	1.0
	100	6	44	1.5
	100+50	1	28	0.5
	101	1	20	0.5
	101+50	3	22	0.5
	102	1	22	< 0.5
	102+50	0	20	0.5
	103	4	22	0.5
55N	104E	4	22	< 0.5
56N	85E	8	28	2.5
56N	85+50E	10	60	3.0
Std. #23		63	79	0.5

156-192

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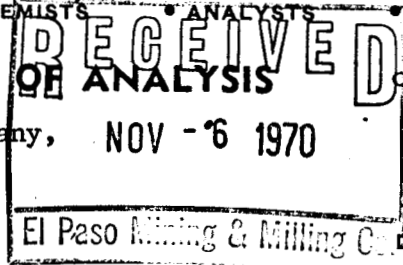


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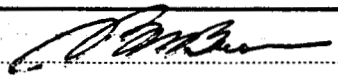
TO: El Paso Mining and Milling Company,
 #500 - 885 Dunsmuir St.,
 Vancouver, B. C.

NOV -6 1970

CERTIFICATE NO. 12613
 INVOICE NO. 4421
 DATE RECEIVED Oct. 27/70
 DATE ANALYSED Nov. 4/70

ATTN: Mr. G. A. Noel

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
56N 86E	28	84	6.0
86+50	4	30	2.0
87	16	117	4.5
87+50	1	20	1.0
88	6	39	2.5
88+50	22	39	2.0
89	21	400	3.0
89+50	3	18	1.0
90	16	44	4.0
90+50	4	30	1.0
91	10	22	1.5
91+50	14	33	1.5
92	1	20	0.5
92+50	22	107	4.0
93	13	56	3.0
93+50	10	52	1.0
94	1	22	2.5
94+50	8	46	2.0
95	30	76	3.5
95+50	13	44	3.0
96	10	44	2.0
96+50	4	26	1.0
97	3	28	0.5
97+50	7	28	1.0
98	10	30	1.5
98+50	6	20	1.5
99	8	42	2.0
99+50	4	22	1.0
100	6	33	0.5
100+50	16	130	8.5
101	8	35	0.5
101+50	7	28	1.5
102	4	26	1.5
102+50	8	44	2.0
56N 103E	3	30	1.0
57N 85E	26	48	4.5
85+50	82	127	3.5
86	20	133	11.0
86+50	31	67	5.5
57N 87E	18	131	3.0
Std. #23	63	82	0.5

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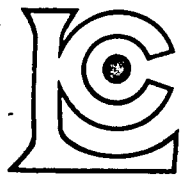
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El Paso Mining & Milling Co.

CERTIFICATE NO. 12614
INVOICE NO. 4421
DATE RECEIVED Oct. 27/70
DATE ANALYSED Nov. 4/70

ATTN Mr. G. A. Noel

SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver
57N	87+50E	72	550	3.0
	88	8	76	2.0
	88+50	4	72	2.0
	89	8	103	2.5
	89+50	10	134	8.5
	90	6	44	2.5
	90+50	3	46	4.0
	91	6	39	1.5
	91+50	12	65	2.0
	92+50E	10	39	2.0
	93	6	35	1.5
	93+50	3	28	0.5
	94	10	28	2.5
	94+50	13	93	3.0
	95	10	46	1.5
	95+50	6	62	1.0
	96	13	46	2.0
	96+50	3	30	< 0.5
	97	4	54	< 0.5
	97+50	8	42	3.5
	98	10	54	3.0
	98+50	13	46	2.0
	99	12	56	1.7
	99+50	4	26	0.7
57N	100E	8	42	6.7
58N	85E	18	48	5.2
	85+50	178	108	5.0
	86	60	84	18.5
	86+50	22	48	2.6
	87	24	119	9.2
	87+50	78	2400	14.0
	88	168	3700	117.0
	88+50	1880	> 4000	33.5
	89	41	723	3.5
	89+50	100	620	3.0
	90	10	52	1.5
	90+50	14	26	0.5
	91	3	37	2.2
	91+50	10	37	0.7
58N	92E	13	46	1.2
Std. #23		64	81	1.0

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CERTIFICATE NO. 12615

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Vancouver, B. C.

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NOV 5 1970
El Paso Mining & Milling Co.

INVOICE NO. 4421

DATE RECEIVED Oct. 27/70

DATE ANALYSED Nov. 4/70

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SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
58N 92+50E	13	72	0.7
93	6	44	0.5
93+50	8	28	< 0.5
94	4	33	< 0.5
94+50	4	37	< 0.5
95	7	30	< 0.5
95+50	7	65	1.2
96	21	67	1.2
96+50	4	20	0.5
97	10	44	1.0
97+50	16	54	2.0
98	8	48	0.7
98+50	6	26	1.5
99	3	46	2.5
99+50	1	14	< 0.5
100	6	50	5.0
100+50	4	26	0.5
101	3	20	< 0.5
101+50	1	14	< 0.5
102	6	28	0.7
102+50	1	46	< 0.5
58N 103E	7	39	0.7
59N 85E	13	65	4.0
85+50	14	62	3.2
86	34	270	8.5
86+50	12	37	7.0
87	14	74	2.0
87+50	800	> 4000 ^{CK}	38.0
88	880	> 4000 ^{CK}	143.0
88+50	620	> 4000 ^{CK}	100.0
89	31	566	1.0
89+50	14	270	1.7
90	21	63	0.5
90+50	10	77	3.0
91	14	86	1.0
91+50	1	18	0.5
92	36	122	3.2
92+50	3	20	< 0.5
93	1	33	< 0.5
59N 93+50E	1	30	< 0.5
Std. #23	63	79	1.0

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212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA
TELEPHONE: 985-0648

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CERTIFICATE OF ANALYSIS

RECEIVED
 NOV - 6 1970
 El Paso Mining & Milling Co.

TO: El Paso Mining and Milling Company,
#500 - 885 Dunsmuir St.,
Vancouver, B. C.

CERTIFICATE NO. 12616

INVOICE NO. 4421

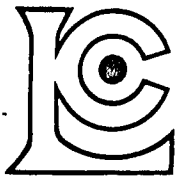
DATE RECEIVED Oct. 27/70

ATTN: Mr. B. A. Noel

DATE ANALYSED Nov. 4/70

SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver	
59N	94E	3	40	0.5	
	94+50	3	56	1.5	
	95	3	28	1.0	
	95+50	3	16	0.5	
	96	3	35	1.0	
	96+50	1	12	0.5	
	97	12	33	1.0	
	97+50	6	28	1.5	
	98	1	10	1.0	
	98+50	7	28	2.5	
	99	1	18	1.0	
	99+50	1	16	< 0.5	
	100	10	30	1.5	
	100+50	1	39	1.5	
	101	0	24	0.5	
	101+50	6	39	1.5	
	102	4	26	1.5	
	102+50	4	30	1.5	
59N	103E	12	58	2.5	
60N	85E	26	26	3.5	
	85+50	31	72	4.5	
	87	38	65	9.0	
	87+50	16	39	4.0	
	88	22	70	3.0	
	88+50	30	115	14.0	
		89	16	44	7.5
89+50		12	212	1.7	
90		6	1285	1.5	
90+50		120	449	2.5	
91		66	69	2.0	
		91+50	12	44	1.5
	92	16	180	1.2	
	92+50	21	237	2.2	
	93	1	33	1.0	
	93+50	1	22	0.5	
		94	1	20	0.5
94+50		6	18	0.5	
95		6	30	1.0	
95+50		4	16	0.5	
60N		96E	1	20	0.5
Std. #23		63	82	0.5	

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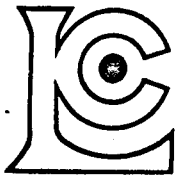
TO: El Paso Mining and Milling Company,
#1500 - 885 Dunsmuir St.,
Vancouver, B. C.

CERTIFICATE NO. 12617
INVOICE NO. 4421
DATE RECEIVED Oct. 27/70
DATE ANALYSED Nov. 4/70

ATTN: Mr. G. A. Noel

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
60N 96+50E	8	20	0.5
97	10	16	< 0.5
97+50	6	30	1.5
98	12	24	< 0.5
98+50	4	37	1.0
99	7	31	1.0
99+50	1	20	0.5
100	12	35	1.0
100+50	7	65	1.0
101+50	3	16	< 0.5
102	13	39	4.5
102+50	4	39	< 0.5
60N 103E	3	40	< 0.5
61N 85E	3	16	< 0.5
85+50	40	180	6.7
86	20	48	5.0
86+50	14	30	3.5
87	10	30	4.5
87+50	82	82	7.0
88	44	82	5.5
88+50	26	76	2.0
89	16	112	5.5
89+50	4	28	2.0
90	38	660	4.7
90+50	22	172	2.0
91	21	58	1.5
92	12	35	3.5
92+50	10	48	3.5
93	26	101	2.0
93+50	12	65	1.5
94	8	101	2.0
94+50	10	35	< 0.5
95	3	18	< 0.5
95+50	10	62	0.5
96	3	37	< 0.5
96+50	12	39	1.0
97	10	42	1.5
97+50	1	16	0.5
61N 98E	12	54	1.5
Std #23	63	81	0.5

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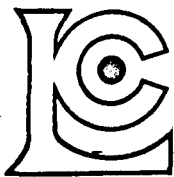
TO: El Paso Mining and Milling Company
#500 - 885 Dunsmuir St.,
Vancouver, B. C.

CERTIFICATE NO. 12618
INVOICE NO. 4421
DATE RECEIVED Oct. 27/70
DATE ANALYSED Nov. 4/70

ATTN: Mr. G. A. Noel

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
61N 98+50E	10	67	3.5
99	3	44	< 0.5
99+50	3	39	< 0.5
100	12	33	0.5
100+50	4	40	1.0
101	3	31	< 0.5
101+50	16	62	1.5
102	4	35	< 0.5
102+50	3	37	< 0.5
61N 103E	8	30	< 0.5
62N 85E	8	65	1.0
85+50	24	117	3.0
86	13	70	1.5
86+50	8	44	2.0
87	22	63	5.0
87+50	13	62	5.0
88	16	56	1.0
89	4	33	< 0.5
89+50	10	52	3.0
90	3	180	1.5
90+50	56	787	22.0
91	144	516	12.0
91+50	30	212	30.0
92	21	62	0.5
92+50	26	105	0.5
93	18	133	3.0
93+50	7	65	0.5
94	10	52	1.5
94+50	6	40	< 0.5
95	3	24	0.5
95+50	3	16	0.5
96	1	8	< 0.5
96+50	6	42	< 0.5
97	18	52	0.5
97+50	4	22	0.5
98	13	63	1.0
98+50	3	16	2.0
99	3	24	< 0.5
99+50	7	33	1.5
62N 100E	3	26	< 0.5
Std. #23	62	79	0.5

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CERTIFICATE NO. 12619

INVOICE NO. 4421

DATE RECEIVED October 27/70

DATE ANALYSED November 3/70

TO: El Paso Mining and Milling Company, #500 - 885 Dunsmuir St., Vancouver, B. C.

ATTN: Mr. G. A. Noel

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
62N 100+50E	16	50	3.5
101	7	28	5.5
101+50	10	35	2.0
102	7	33	< 0.5
102+50	6	24	< 0.5
62N 103E	6	20	< 0.5
63N 85E	26	161	11.0
85+50	31	100	11.5
86	14	26	4.0
86+50	18	58	3.0
87+50	40	93	5.5
88+50	10	52	3.0
89	13	81	1.5
89+50	20	89	5.5
90+50	8	212	3.2
90	18	58	4.0
91	14	84	3.5
91+50	12	30	3.0
92	18	65	1.5
92+50	12	58	1.0
93	8	16	< 0.5
93+50	7	72	< 0.5
94	12	39	< 0.5
94+50	12	30	< 0.5
95	4	30	< 0.5
95+50	13	26	< 0.5
96	4	52	< 0.5
96+50	7	115	0.5
97	8	48	2.0
97+50	3	26	< 0.5
98	3	16	< 0.5
98+50	13	26	< 0.5
99	4	33	< 0.5
99+50	8	37	1.0
100	4	24	< 0.5
100+50	7	24	< 0.5
101	12	39	1.0
101+50	12	39	< 0.5
102	10	22	< 0.5
63N 102+50E	3	18	< 0.5
Std., #23	64	81	0.5

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CERTIFICATE NO. 12620

TO: El Paso Mining and Milling Company,
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Vancouver, B. C.

INVOICE NO. 4421

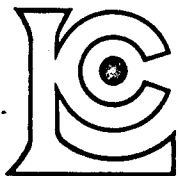
DATE RECEIVED October 27/70

ATTN: Mr. G. A. Noel

DATE ANALYSED November 3/70

SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver
64N	85E	8	350	6.5
	85+50	12	225	1.7
	86	46	150	14.0
	86+50	236	200	15.0
	87	22	44	3.5
	87+50	14	54	3.5
	88	26	101	10.0
	88+50	26	660	2.5
	89	42	250	2.0
	89+50	4	20	1.5
	90	10	37	4.0
	90+50	16	24	1.5
	91	6	22	3.5
	91+50	21	91	9.5
	92	22	500	1.5
	92+50	1	20	0.5
	93	18	81	3.0
	93+50	6	42	1.5
	94	7	72	2.0
	94+50	4	24	1.0
	95	6	31	1.0
	95+50	1	18	0.5
	96	4	28	1.0
	96+50	12	81	8.5
	97	7	40	2.0
	97+50	8	50	1.5
	98	8	120	3.5
	98+50	3	20	0.5
	99	6	30	0.5
	99+50	7	37	< 0.5
	100	4	8	< 0.5
	100+50	6	8	< 0.5
	101	10	37	4.5
	101+50	1	12	1.0
	102	10	31	1.0
	102+50	3	14	1.0
64N	103E	1	18	0.5
65N	85E	126	3400	9.0
65N	85+50E	46	912	6.2
	Std., #23	64	81	0.5

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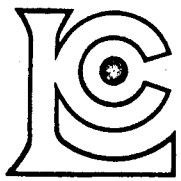
TO: El Paso Mining and Milling Company
#500 = 885 Dunsmuir St.,
Vancouver, B. C.

ATTN: Mr. G. A. Noel

CERTIFICATE NO. 12620 A
INVOICE NO. 4421
DATE RECEIVED Oct. 27/70
DATE ANALYSED Nov. 4/70

SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver
65N	86E	28	180	9.5
	86+50	33	1000	4.7
	87	22	400	5.5
	87+50	56	1330	8.7
	88	24	336	10.7
	88+50	66	336	1.5
	89	41	466	6.2
65N	89+50	31	58	5.5

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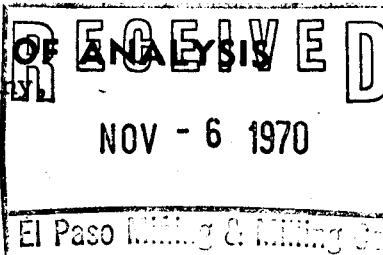
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CERTIFICATE NO. 12621
INVOICE NO. 4421
DATE RECEIVED Oct. 27/70
DATE ANALYSED Nov. 4/70

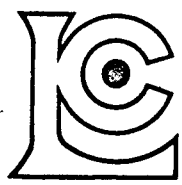
TO: El Paso Mining and Milling Company
#500 = 885 Dunsmuir St.,
Vancouver, B. C.

ATTN: Mr. G. A. Noel



SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
65N 90E	20	72	10.0
90+50	12	98	9.5
91	4	88	4.0
91+50	14	56	4.5
92	4	20	< 0.5
92+50	12	56	3.0
93	8	58	2.0
93+50	36	180	19.0
94	3	26	3.0
94+50	10	39	1.0
95	6	35	1.0
95+50	1	63	< 0.5
96	4	22	< 0.5
96+50	18	39	2.5
97	6	44	1.5
97+50	7	81	3.0
98	3	26	0.5
98+50	10	60	3.0
99	1	18	< 0.5
99+50	3	30	0.5
100	3	30	1.5
100+50	1	16	0.5
101	3	28	2.0
101+50	1	18	1.0
102	3	10	< 0.5
65N 102+50E	1	30	1.5
66N 85E	341	> 4000	36.0
85+50	224	> 4000	25.0
86	218	> 4000	22.0
86+50	136	> 4000	20.0
87	64	2880	35.0
87+50	16	105	7.5
88	22	33	0.5
88+50	16	69	7.0
89	36	84	9.5
89+50	20	67	5.5
90	14	48	5.5
90+50	7	46	2.5
91	14	52	3.5
66N 91+50E	10	44	2.0
Std. #23	64	81	1.0

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El Paso Mining & Milling Co.

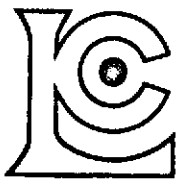
TO: El Paso Mining and Milling Company,
#500 - 885 Dunsmuir St.,
Vancouver, B. C.

CERTIFICATE NO. 12622
INVOICE NO. 4421
DATE RECEIVED Oct. 27/70
DATE ANALYSED Nov. 5/70

ATTN: Mr. G. A. Noel

SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver
66N	92E	1	16	< 0.5
	93	18	56	7.5
	93+50	24	150	3.7
	94	4	33	< 0.5
	94+50	3	67	< 0.5
	95	3	30	0.5
	95+50	1	30	< 0.5
	96	4	44	0.5
	96+50	7	37	2.5
	97	12	114	4.0
	97+50	4	20	0.5
	98	12	56	1.5
	98+50	14	48	3.5
	99	8	37	0.5
	99+50	3	18	< 0.5
	100	13	56	3.0
	100+50	7	40	1.0
	101	12	44	2.5
	101+50	4	48	3.0
	102	7	16	< 0.5
	102+50	3	14	1.5
66N	103E	3	16	0.5
67N	85E	18	107	3.5
	85+50	51	2040	6.7
	86	74	2880	8.0
	86+50	54	>4000 <i>OK</i>	18.0
	87	12	225	4.5
	87+50	4	130	2.5
	88	13	237	3.5
	88+50	20	67	5.5
	89+50	21	44	2.5
	90	20	48	8.5
	90+50	24	117	11.5
	91	8	63	1.5
	91+50	14	54	5.5
	92	7	30	0.5
	92+50	22	44	1.5
	93	22	70	4.0
67N	93+50E	36 ✓	127 ✓	2.5 ✓
Std.	#23	64	84	0.5

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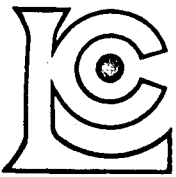
TO: El Paso Mining and Milling Company
#500 - 885 Dunsmuir St.,
Vancouver, B. C.

CERTIFICATE NO. 12623
INVOICE NO. 4421
DATE RECEIVED Oct. 27/70
DATE ANALYSED Nov. 5/70

ATTN: Mr. G. A. Noel

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
67N 94E	8	35	< 0.503
94+50	16	172	0.7
95	6	54	0.5
95+50	3	161	2.0
96	8	46	1.0
96+50	21	98	3.0
97	20	96	2.0
97+50	6	18	1.0
98	8	56	5.0
98+50	6	22	1.0
99A E	3	37	0.5
99B E	12	46	5.5
99+50	1	14	1.0
100	18	20	0.5
100+50	1	28	0.5
101	7	35	1.5
101+50	1	39	< 0.5
102	1	28	< 0.5
102+50	3	14	< 0.5
103	3	14	0.5
103+50	10	39	2.0
104	3	40	2.0
104+50	16	42	2.0
67N 105E	7	33	1.0
68N 85E	10	375	6.0
85+50E	38	3400	5.0
86	64	> 4000 OK	12.5
86+50	20	533	10.2
87	18	81	3.0
87+50	7	39	1.5
88+50	16	82	6.5
89	12	74	6.5
89+50	6	33	3.0
90	78	620	17.0
90+50E	28	180	13.0
91	3	31	1.0
91+50	14	40	6.0
92	18	56	5.5
92+50	12	30	5.5
68N 93	20	52	5.5
93+50E	18	105	5.0
Std. #23	64	79	1.0

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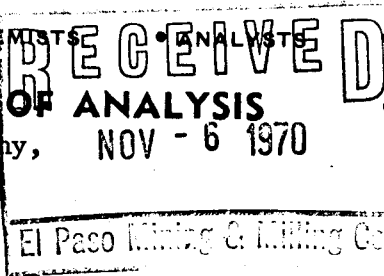
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TO: El Paso Mining and Milling Company,
#500 - 885 Dunsmuir St.,
Vancouver, B. C.

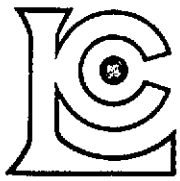


CERTIFICATE NO. 12624
INVOICE NO. 4421
DATE RECEIVED Oct. 27/70
DATE ANALYSED Nov. 5/70

ATTN: Mr. G. A. Noel

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
68N 94E	18	250	6.0
94+50	42	200	4.5
95	30	140	6.5
95+50	24	161	5.2
96	26	136	4.0
96+50	8	69	2.5
97	13	22	0.5
97+50	4	18	0.5
98	10	42	5.0
98+50	7	40	1.0
99+50	1	10	< 0.5
100	10	39	1.5
100+50	1	14	1.0
101	8	65	4.0
101+50	3	24	1.0
102	1	24	0.5
102+50	4	20	1.5
103	7	46	3.0
103+50	22	42	2.5
104	7	37	1.0
104+50	8	28	1.5
68N 105E	3	14	0.5
69N 85E	12	270	3.5
85+50	14	350	4.5
86	70	887	12.0
86+50	10	42	1.2
87	12	84	1.0
87+50	26	550	4.7
88	22	225	3.5
88+50	60	200	30.0
89	30	482	9.2
89+50	12	35	3.0
90	16	88	26.0
90+50	22	250	4.2
91	4	82	1.2
91+50	14	63	1.7
92	104	350	10.0
92+50	14	20	3.7
69N 93E	24	172	4.5
Std. #23	63	79	0.5

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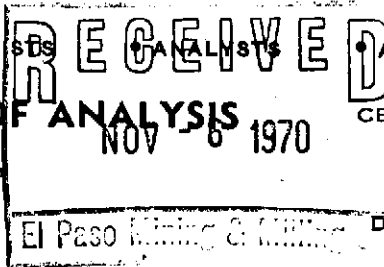
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CERTIFICATE NO. 12625
INVOICE NO. 4421
DATE RECEIVED Oct. 27/70
DATE ANALYSED Nov. 5/70

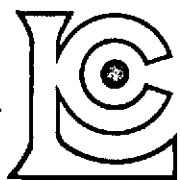
TO: El Paso Mining and Milling Company,
#500 - 885 Dunsmuir St.,
Vancouver, B. C.



ATTN: Mr. G. A. Noel

SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver
69N	93+50E	40	787	3.5
	94	28	115	2.5
	94+50	6	52	0.5
	95	3	20	1.0
	95+50	7	39	1.0
	96	10	63	1.0
	96+50	12	119	5.0
	97	22	77	3.0
	97+50	7	67	2.5
	98	16	58	3.0
	98+50	16	37	1.5
	99	1	24	0.5
	99+50	14	69	5.5
	100	3	24	0.5
	100+50	13	40	1.0
	101+50E	3	30	0.5
69N	102E	7	40	0.5
70N	85E	110	640	11.0
	85+50	12	63	3.0
	86	16	123	2.5
	86+50	41	72	1.5
	87	34	107	3.0
	87+50	22	88	5.5
	88	10	48	0.5
	88+50	64	416	3.7
	89	28	290	7.7
	89+50	26	940	4.7
	90	52	660	12.0
	90+50	16	86	6.5
	91	4	26	< 0.5
	92	20	76	3.5
	92+50	16	76	10.0
	93	28	62	3.0
	93+50	21	58	2.5
	94	44	108	1.5
	94+50	6	76	1.5
	95	10	93	2.0
	95+50	4	37	< 0.5
70N	96E	4	67	< 0.5
Std.	#23	64	81	0.5

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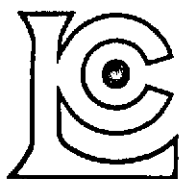
TO: El Paso Mining and Milling Company,
 #500 - 885 Dunsmuir St.,
 Vancouver, B. C.

CERTIFICATE NO. 12626
 INVOICE NO. 4421
 DATE RECEIVED Oct. 27/70
 DATE ANALYSED Nov. 5/70

ATTN: Mr. G. A. Noel

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
70N 96+50E	12	62	1.5
97	12	44	1.5
97+50	18	37	< 0.5
98	6	39	< 0.5
98+50	10	33	< 0.5
99	8	48	1.0
99+50	8	48	2.5
100	4	40	1.0
100+50	7	37	0.5
101	7	37	< 0.5
70N 102	7	39	< 0.5
102+50E	7	93	4.0
104N 102E	22	84	7.5
102+50	13	76	3.0
103	21	172	2.5
103+50	16	93	3.5
104	30	60	4.0
104+50	6	39	4.5
105	16	42	3.0
105+50	30	76	3.5
106	14	46	3.5
106+50	42	161	2.2
107	30	260	3.0
107+50	18	98	3.5
108	22	54	3.0
108+50	26	48	1.0
109	21	44	4.0
109+50	20	46	4.5
104N 110E	10	37	1.0
109N 85E	18	60	1.0
85+50	20	60	3.0
86	20	142	8.5
86+50	21	86	6.0
87	36	200	9.5
87+50	28	72	3.5
88	24	191	3.0
88+50	24	122	2.5
89	16	56	3.5
89+50	24	81	2.5
109N 90E	20	63	4.0
Std. #23	63	81	0.5

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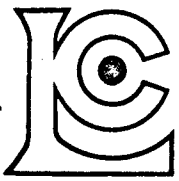
TO: El Paso Mining and Milling Company,
 #500 - 885 Dunsmuir St.,
 Vancouver, B. C.

CERTIFICATE NO. 12627
 INVOICE NO. 4421
 DATE RECEIVED Oct. 27/70
 DATE ANALYSED Nov. 4/70

ATTN: Mr. G. A. Noel

SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver
109N	90+50E	20	70	2.5
	91	14	48	3.5
	91+50	18	50	1.5
	92+50	7	42	2.0
	93	218	> 4000	30.5
	93+50	40	350	9.3
109N	94	33	280	5.0
110N	85E	20	134	9.0
	85+50	28	114	15.5
	86	18	82	2.0
	86+50	18	72	1.5
	87	28	128	14.5
	87+50	64	912	6.5
	88	20	67	< 0.5
	88+50	20	300	3.8
	89	28	180	6.5
	89+50	20	108	4.5
	90	30	115	8.5
	90+50	16	100	4.5
	91	16	93	4.0
	91+50	18	65	4.5
	92	28	77	9.5
	92+50	26	63	1.5
	93	24	67	2.0
	93+50	34	123	1.5
110N	94E	20	62	3.0
111N	85E	20	100	3.5
	85+50	21	180	4.5
	86	34	433	3.8
	86+50	26	65	0.5
	87	28	533	4.0
	87+50	18	350	3.3
	88	13	108	3.0
	88+50	16	58	1.0
	89	20	81	2.0
	89+50	14	76	6.5
	90	21	52	4.5
	90+50	18	70	2.5
111N	91E	20	88	8.5
Std. #23		63	82	0.5

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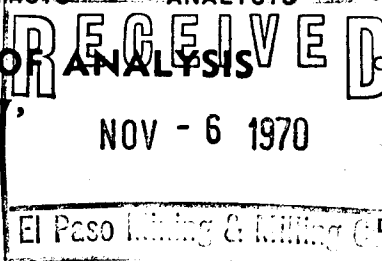
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TO: El Paso Mining and Milling Company,
#500 - 885 Dunsmuir St.,
Vancouver, B. C.

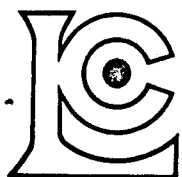


CERTIFICATE NO. 12628
INVOICE NO. 4421
DATE RECEIVED Oct. 27/70
DATE ANALYSED Nov. 5/70

ATTN: Mr. G. A. Noel

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
111N 91+50E	26	52	4.0
92	18	37	2.5
92+50	18	46	1.5
93	33	82	5.5
111N 93+50E	41	191	26.0
112N 85E	33	290	6.5
85+50	21	81	3.0
86	20	128	2.0
86+50	82	1162	1.5
87	362	> 4000	6.8
87+50	28	200	3.8
88	48	416	4.0
88+50	16	82	3.5
89	21	77	2.0
89+50	20	70	2.5
90	40	433	5.5
90+50	16	131	7.5
91	20	46	6.5
91+50	18	362	29.0
92	20	65	10.0
92+50	18	44	1.0
93	63	225	5.3
112N 93+50	20	70	4.0
113N 85E	144	768	4.3
85+50	20	1090	4.5
86	22	81	0.5
86+50	18	107	1.0
87	22	98	1.0
87+50	18	180	7.5
88	21	60	1.5
88+50	18	145	3.0
89	20	139	2.5
89+50	24	77	1.0
90	14	96	2.5
90+50	21	336	5.0
91	24	105	4.0
91+50	14	122	11.0
92	21	82	5.0
92+50	14	40	2.5
113N 93E	28	88	3.0
Std. #23	63	82	0.5

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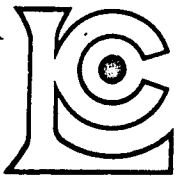
CERTIFICATE NO. 12629
 INVOICE NO. 4421
 DATE RECEIVED Oct. 27/70
 DATE ANALYSED Nov. 5/70

TO: El Paso Mining and Milling Company,
 #500 - 885 Dunsmuir St.,
 Vancouver, B. C.

ATTN: Mr. G. A. Noel

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
113N 93+50E	28	105	3.0
114N 85E	16	150	3.3
86E	18	114	2.5
86+50	21	120	4.0
87	14	200	2.3
87+50	13	67	2.5
88	16	180	2.3
88+50	16	123	3.0
89	10	52	1.5
89+50	34	161	2.5
90	28	101	5.5
90+50	14	54	5.0
91	18	180	4.5
91+50	13	52	10.0
92	18	48	6.5
92+50	26	44	2.5
93	40	200	7.3
114N 93+50E	66	191	8.0
115N 85E	30	482	7.5
85+50	18	122	3.0
86	20	93	1.5
86+50	12	77	3.0
87	16	91	3.0
87+50	38	89	3.0
88	34	212	3.3
88+50	14	250	3.3
89	20	212	2.0
89+50	28	67	1.5
90	18	70	5.5
90+50	20	133	3.0
91	24	270	7.5
91+50	21	62	3.0
92	26	58	6.5
92+50	21	56	8.0
93	24	48	7.5
115N 93+50E	116	500	9.8
Std. #23	70	87	0.5

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TELEPHONE: 985-0648

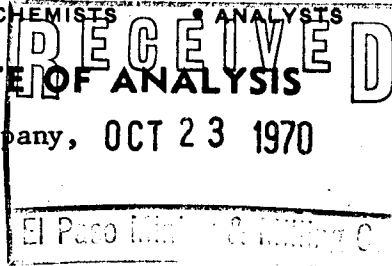
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CERTIFICATE OF ANALYSIS

TO: El Paso Mining and Milling Company, **OCT 23 1970**
#500 - 885 Dunsmuir St.,
Vancouver, B. C.

CERTIFICATE NO. 12434
INVOICE NO. 4348
DATE RECEIVED Oct. 14/70
DATE ANALYSED Oct. 21/70

ATTN: Mr. G. Noel



SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
100N 85E	10	26	3.0
85+50E	34	44	9.0
86	13	35	3.5
86+50	6	28	3.0
87	4	31	4.5
87+50	14	39	2.0
88	4	22	3.0
88+50	26	40	7.5
89E	7	28	3.0
89+50	48	191	5.5
90E	28	225	3.0
90+50	18	70	3.5
91	24	63	4.0
91+50	40	82	4.5
92	72	660	5.5
92+50	76	680	5.5
93	26	79	5.5
93+50	40	150	4.5
94	16	69	3.0
94+50	28	58	3.0
95	13	150	10.0
95+50	28	172	5.0
96	13	237	5.0
96+50E	16	449	5.5
97	21	500	5.0
97+50E	1	28	5.0
98	36	280	11.5
98+50	62	835	12.5
99	33	65	3.0
99+50	16	60	3.5
100	6	22	5.0
100+50	12	46	7.5
101	13	172	5.5
101+50	30	62	6.5
102	21	150	4.0
102+50	13	54	9.5
103	6	30	3.0
103+50	18	31	3.0
104	33	39	7.0
104+50	18	28	5.5
105	18	42	4.0
- 100N 105+50E	34	33	11.5
Std. #23	63	76	0.5

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CERTIFICATE OF ANALYSIS

TO: El Paso Mining & Milling Company,
#500 - 885 Dunsmuir St.,
Vancouver, B. C.

OCT 23 1970

CERTIFICATE NO. 12435

INVOICE NO. 4348

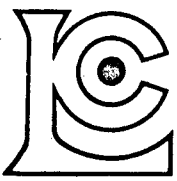
DATE RECEIVED Oct. 14/70

DATE ANALYSED Oct. 21/70

ATTN: Mr. G. A. Noel

SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver
100N	106E	31	37	7.0
	106+50	28	37	5.0
	107	20	33	3.0
	107+50	20	56	13.5
	108	21	31	2.0
	108+50	20	30	1.5
	109	12	31	6.5
	109+50	21	30	2.5
100N	110E	20	39	8.0
101N	85E	16	33	11.0
	85+50	10	30	6.5
	86	8	24	1.5
	86+50	60	106	10.0
	87	12	26	2.0
	87+50	10	26	1.0
	88	20	50	2.5
	88+50	16	37	2.0
	89	7	39	1.0
	89+50	292	>4000	50.0
	90	21	640	7.5
	90+50	31	114	5.5
	91	22	191	6.0
	91+50	13	48	6.5
	92	28	191	6.5
	92+50	70	723	5.5
	93	50	39	6.5
	93+50	26	42	4.0
	94+50	102	533	5.0
	95	24	60	3.5
	95+50	22	84	6.0
	96	14	620	7.5
	96+50	22	105	11.0
	97	20	400	3.0
	97+50	20	93	2.0
	98	34	1285	10.0
	98+50	41	76	5.0
	100	7	58	4.0
	100+50	60	70	4.5
	101E	28	82	5.5
101N	101+50E	18	28	3.5
Std. #23		64	72	0.5

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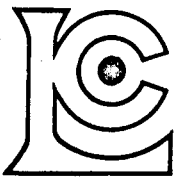
TO: El Paso Mining and Milling Company,
#500 - 885 Dunsmuir St.,
Vancouver, B. C.

CERTIFICATE NO. 12436
INVOICE NO. 4348
DATE RECEIVED Oct. 14/70
DATE ANALYSED Oct. 21/70

ATTN: Mr. G. Noel

SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver
101N	102E	40	67	1.0
	102+50	18	56	5.5
	103	7	28	3.0
	103+50	1	28	7.5
	104	18	100	7.5
	104+50	21	40	7.0
	105	18	70	7.0
	105+50	14	140	32.5
	106	10	44	4.0
	106+50	22	24	4.5
101N 102N	107	20	33	3.0
	107+50	13	24	2.5
	108	10	22	1.5
	108+50	18	24	3.0
	109	8	24	5.0
	109+50	12	20	1.5
	110E	14	30	3.0
	85E	13	35	2.5
	85+50	6	20	1.5
	86	14	40	6.5
102N	86+50	12	39	5.0
	87	10	35	1.5
	87+50	16	24	4.0
	88	20	50	8.0
	88+50	46	105	3.5
	89	14	22	2.0
	89+50	30	172	3.5
	90	44	482	5.5
	90+50E	200	4700	37.5
	91	46	812	8.5
102N	91+50	18	56	3.0
	92	24	39	2.5
	92+50	36	172	3.0
	93	26	86	11.0
	93+50	18	58	4.5
	94	20	58	9.5
	94+50	10	63	1.0
	95	38	96	5.5
	95+50	33	77	14.0
	96E	12	172	5.5
Std. #23	63	72	0.5	

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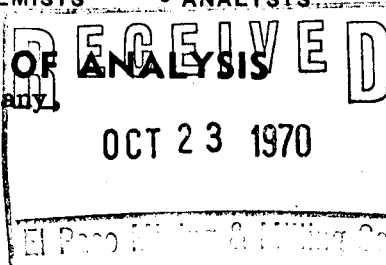
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El Paso Mining and Milling Company,
#500 - 885 Dunsmuir St.,
Vancouver, B. C.



CERTIFICATE NO. 12437
INVOICE NO. 4348
DATE RECEIVED Oct. 14/70
DATE ANALYSED Oct. 21/70

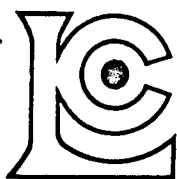
TO:

ATTN:

Mr. G. Noel

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
102N 96+50	33	1552	14.0
97E	30	1552	14.0
97+50	22	583	4.5
98	70	250	2.5
98+50	12	62	3.0
99	41	140	9.0
99+50	41	270	19.0
101	18	300	3.5
102	13	42	1.5
102+50	21	86	10.0
103	16	28	2.5
103+50	18	26	3.5
104	13	62	12.0
104+50	20	44	7.5
105	16	39	11.0
105+50	20	76	6.5
106	22	60	15.5
106+50	18	81	7.5
107	14	31	6.5
107+50	14	22	2.0
108	10	22	2.0
109	20	40	2.0
102N 109+50	14	26	1.0
102N 110E	21	28	3.5
103N 85E	12	40	3.0
85+50E	36	108	7.0
86	4	28	1.5
86+50	12	18	1.5
87	6	28	1.5
87+50	10	22	3.0
88	18	72	3.0
88+50	8	39	6.5
89+50	6	46	1.5
90	10	40	4.5
90+50	30	93	3.0
91	21	91	11.0
91+50	8	72	4.5
92	28	35	2.5
92+50	20	50	3.5
93	18	39	1.0
103N 93+50E	16	46	4.0
Std. #23	63	74	0.5

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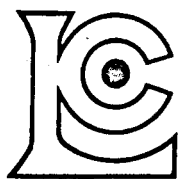
CERTIFICATE NO. 12438
INVOICE NO. 4348
DATE RECEIVED Oct. 14/70
DATE ANALYSED Oct. 21/70

TO: El Paso Mining and Milling Company,
#500 - 885 Dunsmuir St.,
Vancouver, B. C.

ATTN: Mr. G. Noel

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
103N 94E	50	161	5.5
94+50	26	200	4.0
95	41	500	7.0
95+50	18	82	6.5
96	24	84	3.0
96+50	40	600	6.5
97	41	744	5.5
97+50	52	812	16.0
98	20	62	8.5
98+50	14	56	3.5
99	42	350	12.0
99+50	13	50	4.0
101+50	26	250	5.5
102	20	74	4.5
102+50	18	54	2.0
103	18	191	7.0
103+50	28	119	5.5
104	8	98	5.0
104+50	16	63	12.0
105	4	37	3.0
105+50	40	46	12.0
106	40	63	3.0
106+50	48	42	2.0
107	24	40	0.5
107+50	18	31	2.0
108	22	33	0.5
108+50	18	31	1.5
109	20	35	1.5
109+50	21	54	1.5
103N 110E	21	33	< 0.5
104N 85E	18	33	2.5
85+50	16	42	5.5
86	141	1060	13.0
86+50	26	54	9.0
87	31	110	5.5
87+50	18	50	6.5
88	14	31	6.0
88+50	18	46	3.0
89	12	96	3.0
104N 89+50E	21	60	6.5
Std. #23	63	76	0.5

Certified by



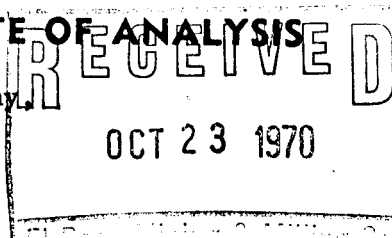
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CANADA
TELEPHONE: 985-0648

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CERTIFICATE OF ANALYSIS

TO: El Paso Mining & Milling Company,
#500 - 885 Dunsmuir St.,
Vancouver, B. C.



CERTIFICATE NO. 12439

INVOICE NO. 4348

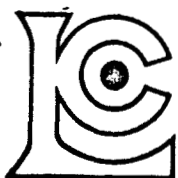
DATE RECEIVED October 14/70

DATE ANALYSED October 21/70

ATTN: Mr. G. A. Noel

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
104N 90E	44	225	5.0
90+50	36	115	4.0
91	10	48	3.5
91+50	33	237	2.5
92	8	40	1.5
92+50	22	105	9.0
93	14	40	6.5
93+50	16	40	7.0
94	22	56	6.5
94+50	50	131	7.5
95	44	600	10.5
95+50E	28	52	11.0
96	22	46	3.5
96+50	38	50	5.0
97	40	94	8.5
97+50	138	4435	4.5
98	21	200	11.0
98+50	16	112	3.0
99	56	250	16.5
99+50	18	58	3.5
100	20	46	2.0
102	28	79	8.5
102+50	18	58	5.0
103	18	86	3.0
103+50	22	82	5.5
104	22	39	1.5
104+50	7	31	8.5
105	20	93	4.0
105+50	34	88	8.0
106	18	48	4.0
106+50	46	123	3.0
107	21	44	4.0
107+50	22	44	4.5
108	6	24	1.0
108+50	20	28	1.5
109	50	31	2.0
109+50	21	39	6.5
104N 110E	10	30	1.5
105N 85E	20	35	4.0
105N 85+50E	12	69	3.0
Std., #23	63	74	0.5

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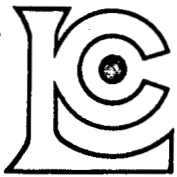
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CERTIFICATE NO. 12440
INVOICE NO. 4348
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DATE ANALYSED Oct. 21/70

ATTN: Mr. G. Noel

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
105N 86E	8	46	3.0
86+50	14	161	7.5
87	22	161	8.5
87+50	16	33	2.5
88	28	161	15.5
88+50	31	140	7.5
89	8	40	1.5
89+50	12	140	7.0
90	14	40	5.5
90+50	10	79	2.5
91	14	52	5.5
91+50	6	35	5.0
92	8	35	7.0
92+50	14	127	9.5
93	22	65	7.0
93+50	18	42	4.0
94	21	48	6.5
94+50	20	191	7.0
95+50	8	161	6.0
96	1	54	1.0
96+50	26	200	3.5
97	13	46	6.5
97+50	26	200	15.0
98	13	127	6.5
98+50	26	172	3.0
99	168	225	11.0
99+50	70	290	9.0
100	28	212	5.0
102	46	516	6.5
102+50	28	70	6.5
103	88	67	4.0
103+50	14	58	7.5
104	16	54	11.0
104+50	13	35	5.5
105	31	82	6.0
105+50	26	161	18.5
106	6	42	3.0
106+50	8	31	2.5
107	42	52	5.0
105N 107+50E	21	58	3.0
Standard #23	62	74	0.5

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INVOICE NO. 4348

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ATTN: Mr. G. Noel

SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver
105N	108E	30	30	1.5
	108+50	26	31	2.5
	109	31	33	7.0
	109+50	40	35	7.5
105N	110E	7	24	3.0
106N	85	14	280	3.0
	85+50	12	42	1.5
	86	21	1026	3.5
	87	13	39	4.0
	87+50	10	100	3.0
	88	12	60	6.5
	88+50	12	46	2.5
	89	46	65	5.5
	89+50	16	250	5.5
	90	8	31	3.0
	90+50	12	35	3.0
	91	8	28	2.5
	91_50	24	52	2.0
	92	30	250	7.0
	92+50	72	516	7.0
	93	16	200	15.5
	93+50	70	433	15.5
	94	13	35	1.5
	94+50	33	96	4.0
	95	21	88	5.5
	95+50	6	40	4.0
	96	31	139	10.0
	96+50	28	225	6.0
	97	28	42	2.5
	97+50	14	62	7.5
	98	22	88	9.5
	98+50	20	44	7.5
	99	63	123	10.5
	99+50	152	516	20.0
	102+50	12	107	12.5
	103	28	69	7.0
	104	4	14	2.0
106N	104+50E	13	130	6.0

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ATTN: Mr. G. Noel

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SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver
106N	105E	8	30	3.0
	105+50	18	20	1.5
	106	12	40	1.0
	106+50	21	52	3.5
	107	34	37	2.5
	107+50	14	37	3.0
	108	30	96	4.0
	108+50	22	31	5.5
	109	18	35	6.5
	109+50	18	26	2.5
106N	110E	24	82	6.5
107N	85E	24	300	4.5
	85+50	44	200	8.0
	86	21	680	3.5
	86+50	16	37	1.0
	87	16	466	7.0
	87+50	520	1552	0.5
	88	14	105	2.0
	88+50	22	140	5.5
	89	10	140	2.0
	89+50	10	31	4.0
	90	14	33	4.5
	90+50	13	54	3.0
	91	7	30	4.0
	91+50	8	16	1.5
	92	26	130	4.0
	92+50	374	6425	46.0
	93	88	1125	16.0
	93+50	20	48	7.5
	94	34	280	5.5
	94+50	104	550	12.0
	95	80	940	13.0
	95+50	50	103	8.0
	96	20	108	17.0
	96+50	18	100	2.5
	97	18	37	3.5
	97+50	20	54	9.0
	98	42	42	2.5
	99	18	52	7.0
	99+50	30	660	7.5
107N	100E	163	2300	8.5
Std. #23		64	74	0.5

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ATTN: Mr. G. Noel

El Paso Mining & Milling Co.

SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver
107N	103E	42	140	11.5
	103+50	13	48	1.0
	104	14	20	1.5
	104+50	20	52	2.5
	105	16	35	4.0
	105+50	3	35	1.5
	106	3	42	0.5
	106+50	4	28	2.0
	107	16	42	7.5
	107+50	31	37	4.5
	108	22	30	2.0
	108+50	30	26	1.5
	109	18	22	1.5
107N	109+50	30	125	9.0
108N	85E	16	134	6.0
	85+50	13	46	7.0
	86	18	93	4.0
	86+00	20	212	5.5
	87	18	150	4.0
	87+50	16	225	3.0
	88	22	200	3.5
	88+50	18	52	6.0
	89	14	33	2.5
	89+50	7	42	2.0
	90	10	44	2.5
	90+50	50	225	4.0
	91	21	180	3.0
	91+50	13	30	1.5
	92	21	100	5.5
	92+50	14	318	3.5
*	93	76	787	30.0
	94	56	400	4.5
	95+50	14	62	2.0
	96	28	65	3.0
	96+60	8	40	3.0
	97	14	24	2.5
108N	97+50E	13	40	1.0
* 108N	93+50	22	54	2.0
Std. #23		64	76	0.5

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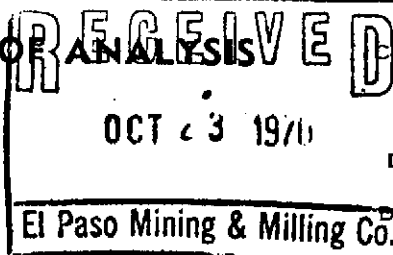


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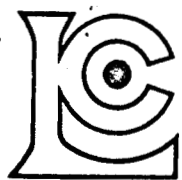
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#500 - 885 Dunsmuir St.,
Vancouver, B. C.

ATTN: Mr. G. Noel

CERTIFICATE NO. 12444
INVOICE NO. 4348
DATE RECEIVED Oct. 14/70
DATE ANALYSED Oct. 21/70

SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver
108N	98E	7	31	1.0
	98+50	13	58	2.5
	99	31	700	7.0
	99+50	22	225	7.0
	100	41	744	6.5
	103	22	52	6.5
	103+50	12	133	2.5
	104	6	31	2.5
	104+50	13	37	2.5
	105	10	31	1.5
	105+50	16	24	1.0
	106	62	50	3.5
	106+50	8	62	3.0
	107	41	212	7.5
	107+50	30	42	6.5
	108	8	22	2.0
	108+50	28	30	1.5
	109	24	30	3.0
	109+50	21	20	1.0
108N	110E	70	37	2.0
109N	95E	20	26	2.0
	95+50	20	56	6.5
	96	22	237	22.5
	96+50	22	40	5.5
	97	22	91	6.0
	97+50	46	140	5.0
	98	26	140	4.5
	98+50	24	127	3.5
	99	82	387	5.0
	99+50	18	76	3.5
	100	18	24	3.0
	100+30	31	161	25.0
	103	34	260	20.0
	103+50	4	37	4.5
	104	13	180	4.0
	104+50	36	110	6.0
	105	14	26	3.0
	105+50	21	42	1.0
	106	12	39	< 0.5
109	106+50	24	46	1.5
Std. #23		64	74	0.5

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TO: El Paso Mining and Milling Company
#500 - 885 Dunsmuir St.,
Vancouver, B. C.

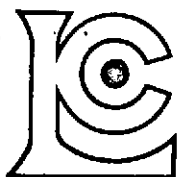
ATTN: Mr. G. Noel

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SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
109 107E	7	37	1.5
107+50	7	30	1.5
108	72	74	3.5
108+ 50	21	26	3.0
109	13	26	2.5
109+ 50	24	26	2.0
109N 110E	20	26	2.0
110N 95+50	6	50	7.0
96	21	58	9.5
96+50	16	67	9.5
97	16	96	5.0
97+50	10	117	7.5
98	60	200	7.5
98+50	48	150	5.5
99	46	280	6.0
99+50	16	46	3.0
110N 100E	33	40	3.0
111N 96E	34	98	5.0
96+50	24	139	4.5
97	21	69	6.0
97+50	92	835	9.0
98	14	56	6.5
98+50	33	375	12.0
99	10	33	3.0
99+50	7	150	11.5
100	21	30	4.5
100+50	26	237	17.5
101	4	33	1.0
103+50	7	33	2.5
104	33	108	11.0
104+50	7	31	2.0
105	21	30	1.5
105+50	13	20	1.0
106	4	20	0.5
106+50	21	33	3.0
107	21	28	1.5
107+50	20	33	2.5
108	16	44	2.0
108+50	4	31	0.5
111N 109E	84	48	3.0
Std. #23	62	74	0.5

111N is 110N East of Harris Creek

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INVOICE NO. 4348
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TO: El Paso Mining and Milling Company
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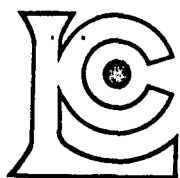
ATTN: Mr. G. Noel

El Paso Mining & Milling Co.

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
111N 109+50	41	33	< 0.5
111N 110E	36	33	1.5
112N 95+50	20	54	3.5
96	12	93	4.0
96+50	8	26	1.5
97	20	96	4.0
97+50	31	37	3.0
98	8	24	2.5
98+50	14	77	9.5
99	13	33	9.0
100	13	22	1.5
100+50	12	26	< 0.5
101	18	42	2.5
104	38	26	3.0
104+50	8	37	0.5
105	18	26	< 0.5
105+50	13	28	0.5
106	12	33	1.5
106+50	12	24	1.5
107	13	52	1.0
107+50	14	31	1.0
108	12	44	2.0
108+50	18	48	3.5
109	40	33	2.0
109+50	41	31	< 0.5
112N 110E	28	26	< 0.5
113N 95E	20	35	2.0
95+50	20	120	8.0
96	14	63	5.0
96+50	33	82	3.0
97	13	52	1.5
97+50	20	100	5.0
98	7	39	< 0.5
98+50	10	22	< 0.5
99	16	35	< 0.5
99+50	7	40	0.5
100	7	33	< 0.5
100+50	21	77	6.0
101	14	39	3.5
113N 101+50	13	31	1.5
Std. #23	64	72	0.5

112N is really 111N East of Harris G.

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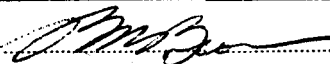
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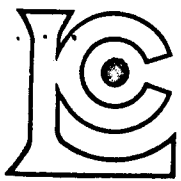
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TO: El Paso Mining and Milling Company
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ATTN: Mr. G. Noel

SAMPLE NO.:		PPM Copper	PPM Lead	PPM Silver	
113N	104+50E	13	44	1.5	<i>113N is really 112 N East of Harris Cr.</i>
	105	7	26	3.0	
	105+50	16	22	3.5	
	106	16	33	6.0	
	106+50	16	31	3.0	
	107	13	39	1.5	
	107+50	14	24	2.5	
	108	10	44	5.5	
	108+50	30	33	2.0	
	109	26	30	2.0	
	109+50	18	18	2.0	
113N	110E	34	42	2.5	
114N	95+50	18	89	6.0	
	96	13	31	4.0	
	96+50	22	35	4.0	
	97	24	31	2.5	
	97+50	46	26	1.0	
	98	16	28	2.0	
	98+50	7	16	0.5	
	99	12	74	2.5	
	99+50	6	35	2.0	
	100	21	280	6.0	
	100+50	6	31	2.5	
	101	12	22	2.0	
	101+50	12	30	3.0	
	102	10	39	1.5	
	102+50	16	40	4.5	
	103	24	140	5.0	<i>114N is really 113N East of Harris Cr.</i>
	105	1	33	2.0	
	105+50	4	131	5.5	
	106	6	31	1.5	
	106+50	7	22	2.5	
	107	20	30	1.5	
	107+50	6	24	2.0	
	108	24	33	3.0	
	108+50	18	31	1.0	
	109	22	33	1.0	
	109+50	22	35	1.5	
114N	110E	8	12	1.0	
115N	95E	16	250	5.5	
Std. #23		63	76	0.5	

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 #500 - 885 Dunsmuir St.,
 Vancouver, B. C.

ATTN: Mr. G. Noel

3d

SAMPLE NO.:	PPM Copper	PPM Lead	PPM Silver
115N 95+50E	20	39	3.5
96	12	26	1.5
96+50	4	14	0.5
97	6	18	2.0
97+50	14	50	2.5
98	14	46	1.5
98+50	28	161	3.0
99	12	30	1.0
99+50	38	52	2.5
100	12	58	10.0
100+50	8	40	3.5
101	7	20	2.0
101+50	7	30	3.5
102	33	812	6.5
102+50	20	482	6.0
103	14	79	4.5
103+50	24	86	6.5
105	8	31	2.5
105+50	6	28	1.0
106	7	50	1.5
106+50	10	26	3.0
107	12	22	2.0
107+50	6	20	1.5
108	6	24	2.5
108+50	10	24	1.0
109	21	30	0.5
109+50	26	44	1.5
115N 110E	22	31	0.5
116N 105E	26	76	3.0
106	26	140	1.5
106+50	21	50	5.0
107	12	31	1.5
107+50	7	22	0.5
108	8	39	1.5
108+50	38	24	1.0
109	18	22	< 0.5
109+50	16	24	0.5
116N 110E	26	30	1.0
Std. #23	64	76	0.5

115N is really 114N East of Harris Cr.

116N is really 115N East of Harris Cr.

Certified by

APPENDIX B

STATEMENT OF COSTS

Canada

Province of British Columbia

To Wit:

In the Matter of

Wages and costs incurred in a detailed geological-geochemical survey of Mineral Leases M-51, M-52 and M-118, Big Missouri Ridge, Stewart Area, Skeena M.D., B. C.

I,

G. A. Noel

, of

Vancouver

in the Province of British Columbia.

Do Solemnly Declare that the following wages and costs were directly expended on a geological and geochemical survey of Mineral Leases M-51, M-52 and M-118 between September 20 and October 27, 1970.

WAGES

M. Morrison	29 days	Sept. 20 - Oct. 18, 1970 @ \$850/month	\$800.00
V. Hardy	27 days	Oct. 1 - Oct. 27, 1970 @ \$750/month	650.00
M. Thompson	32 days	Sept. 22 - Oct. 23, 1970 @ \$550/month	570.00
C. McKillop	30 days	Sept. 20 - Oct. 20, 1970 @ \$550/month	530.00
R. Harvey	<u>37</u> days	Sept. 20 - Oct. 27, 1970 @ \$500/month	<u>600.00</u>
	155 days		\$3,150.00

Total Wages: \$ 3,150.00

Geochemical Analyses -
(1316 samples @ \$2.00 for 3 elements) 2,632.10

Vehicle Rental - (40 days @ \$450/month) 600.00

Room & Board - 155 man days @ \$12.00/man-day 1,860.00

Map and Report Preparation 100.00

\$ 8,342.00

And I make this solemn Declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath, and by virtue of the Canada Evidence Act.

Declared before me

at Vancouver, B. C.

in the Province of British Columbia.

this 29th day of

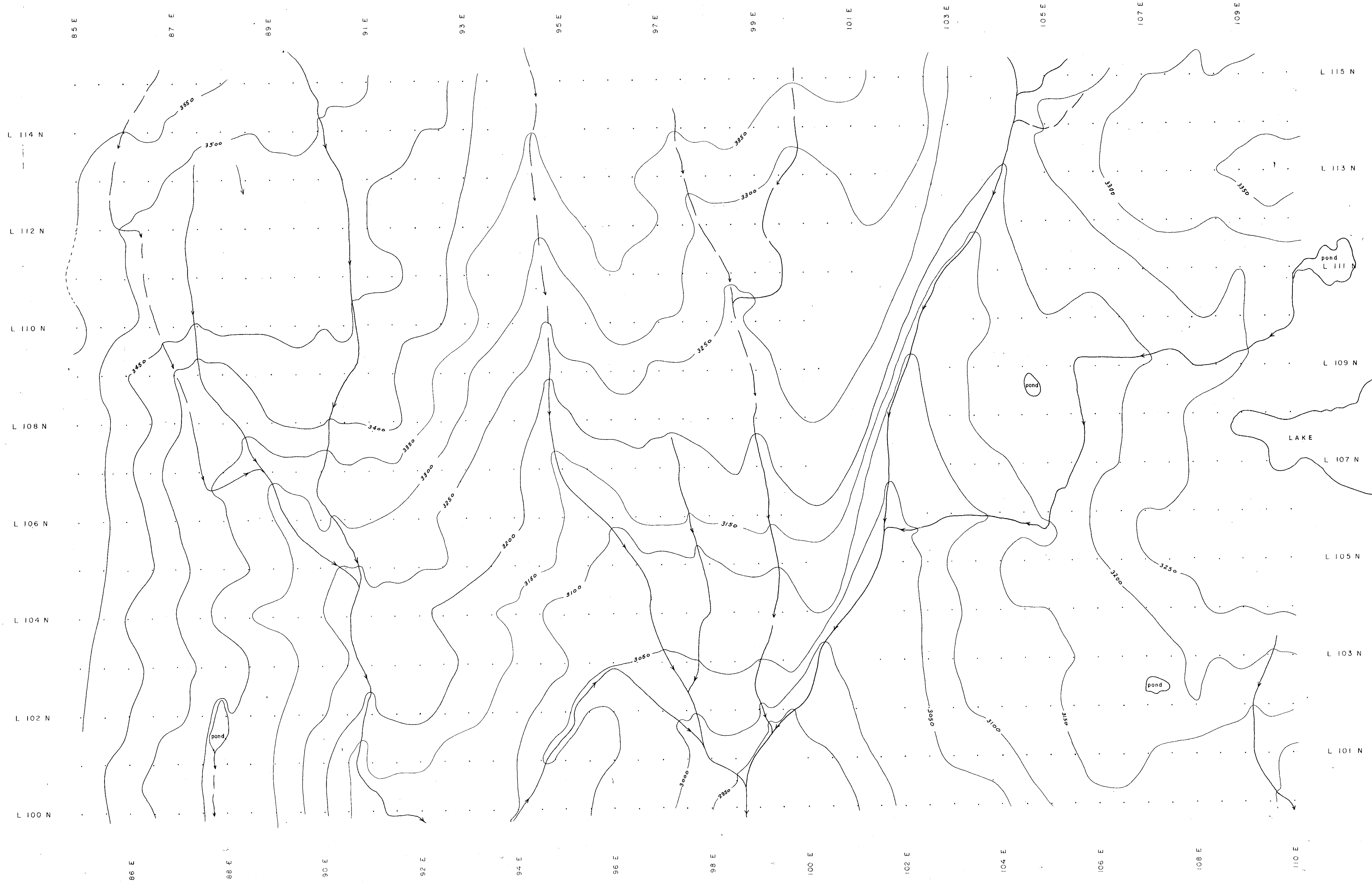
April A.D. 19 71

Gerald A. Noel

David Donald Davis
A Notary Public in and for the Province of British Columbia
A Commissioner for taking affidavits for British Columbia

DAVID DONALD DAVIS

Notary Public in and for the
Province of British Columbia



LEGEND

CONTOUR INTERVAL: 50' (local elevations datum not M.S.L.)

CONTOUR LINES
 STREAMS (RUNNING AND TRACE)

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3013 MAP #2

MAP No. 1

3013 M-2

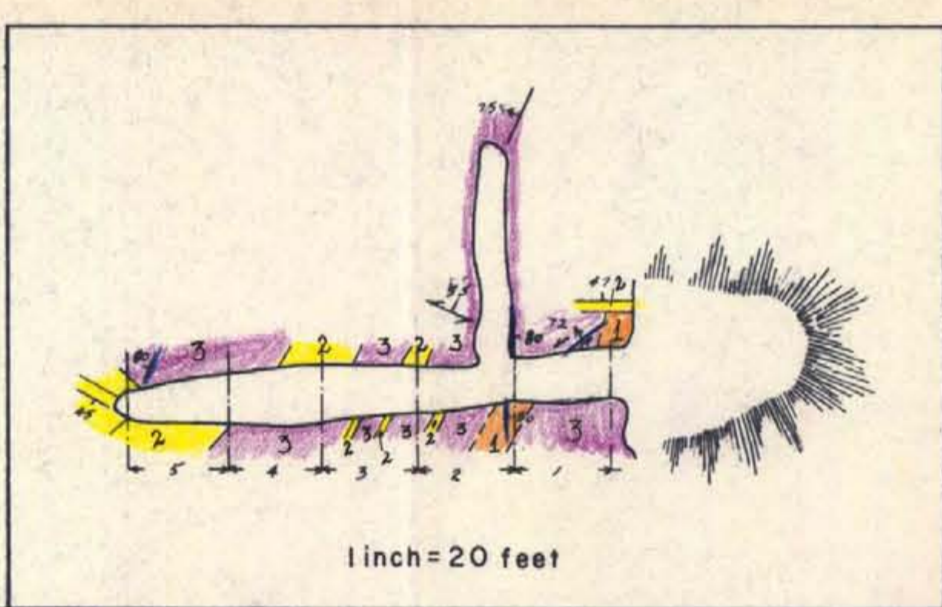
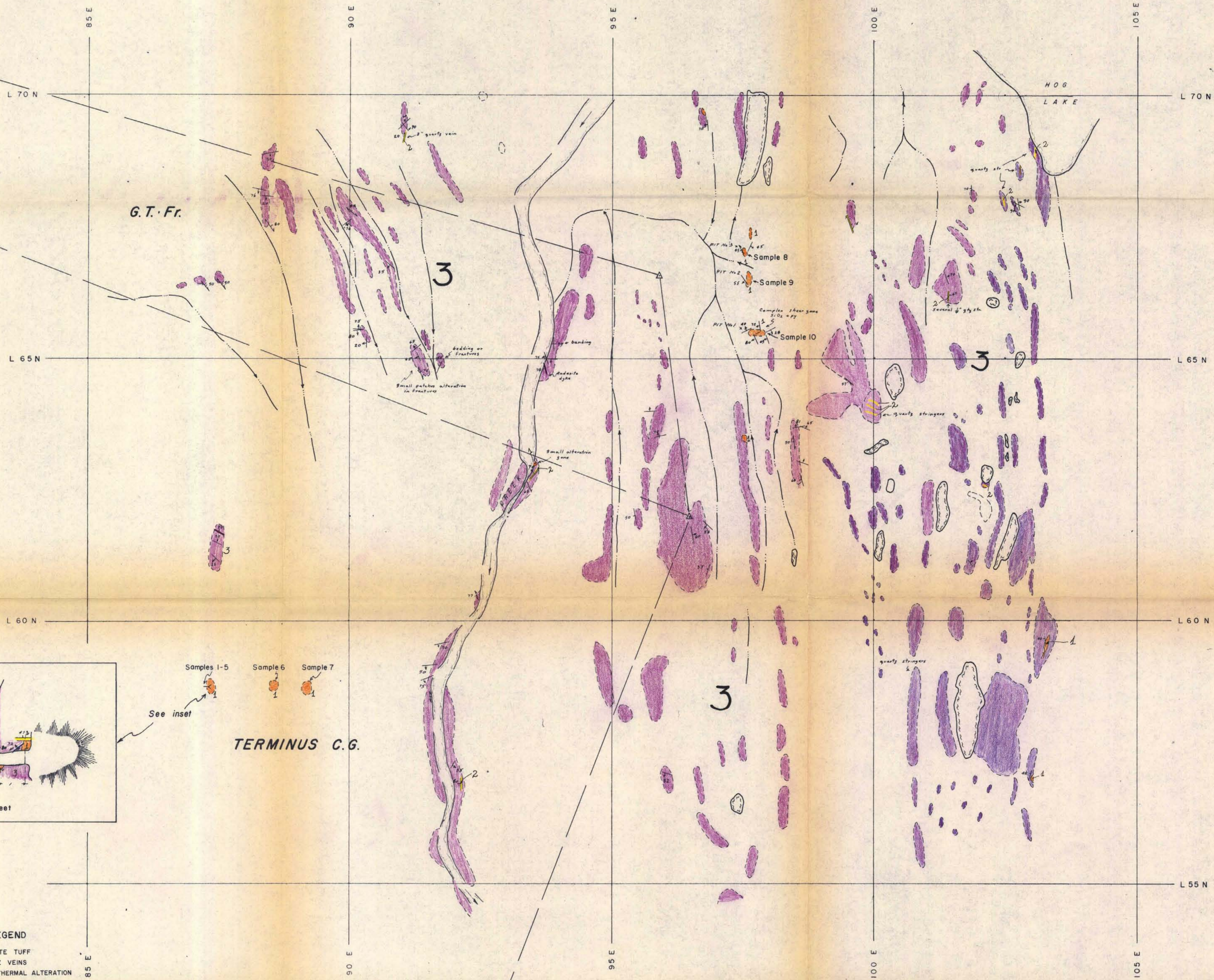
EL PASO MINING AND MILLING COMPANY
 DEL NORTE MINING GROUP
 TOPOGRAPHY
 BIG MISSOURI RIDGE
 LAURA CLAIM & UNION FR.
 STEWART AREA, B.C.

DRAWN BY	M.S.M.	DATE	NOV. 1, 1970	SCALE	1" = 100'
TRACED BY	RFB	DATE	DEC. 1, 1970		
REVISED		DATE			

104 B 1-A10

TO ACCOMPANY GEOLOGICAL-GEOCHEMICAL REPORT BY
 G. ANOEL P. ENG. ON MINERAL LEASES M-51, M-52 AND
 M-118, SKEENA MINING DIVISION, B.C. DATED APRIL 23, '71

Anoel
 Apr. 30/71



Samples 1-5
Sample 6
Sample 7
See inset
TERMINUS C.G.

- LEGEND**
- ANDESITE TUFF
 - QUARTZ VEINS
 - HYDROTHERMAL ALTERATION
- SYMBOLS**
- OUTCROP
 - CONTACT
 - BEDDING
 - FRACTURES
 - FOLIATION
 - FAULT
 - STREAM
 - POND
 - SURVEY CLAIM CORNER
 - ADIT

SAMPLE	TYPE	LENGTH	ASSAYS				
			% Cu	% Pb	% Zn	Ag oz ton	Au oz ton
1	Chip	10 feet	0.05	0.24	0.42	0.99	0.02
2	"	10 "	0.02	0.13	0.22	0.32	0.016
3	"	10 "	0.05	0.15	1.00	0.29	0.017
4	"	10 "	0.10	0.28	1.32	0.80	0.006
5	"	10 "	0.01	0.04	0.03	0.09	0.003
6	"	from pit	0.11	0.18	1.90	1.11	0.166
7	"	"	0.07	1.25	1.65	1.28	0.190
8	"	"	0.01	0.01	0.01	0.04	0.003
9	"	"	0.01	0.01	0.01	0.03	0.003
10	"	"	0.01	0.03	0.03	0.04	0.003

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3013 MAP #4

MAP No. 3

EL PASO MINING AND MILLING COMPANY
DEL NORTE MINING GROUP

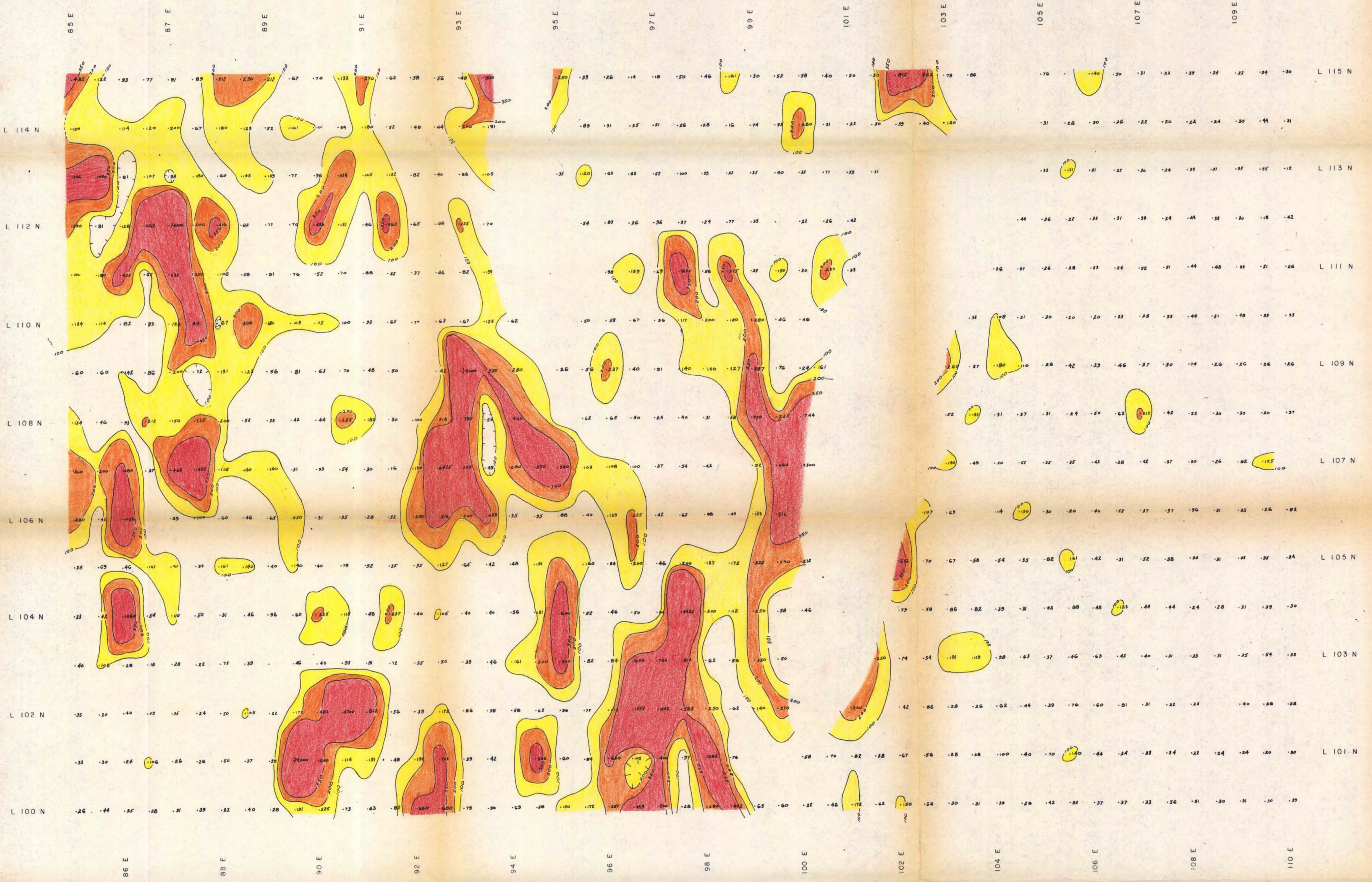
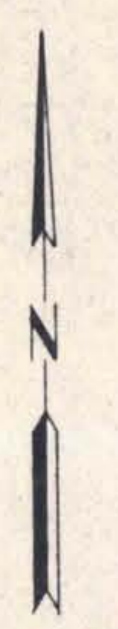
GEOLOGY
BIG MISSOURI RIDGE
TERMINUS CLAIM & G.T. FR.
STEWART AREA, B.C.

TO ACCOMPANY GEOLOGICAL - GEOCHEMICAL REPORT BY
G.A. NOEL P. ENG. ON MINERAL LEASES M-51, M-52 AND
M-118, SKEENA MINING DIVISION, B.C. DATED APRIL 23, '71

GEOLOGY BY V. HARDY

Normal
Apr. 30/71

DRAWN BY V.H.	DATE DEC. 1970	SCALE 1" = 100'
TRACED BY H.M.J.	DATE JAN. 1971	DRAWING NO.
REVISED DATE	REVISED DATE	104 B 1-A12



LEGEND

- CONTOUR INTERVAL 100, 200, 350 PPM.
BACKGROUND 70 PPM.
- POSSIBLY ANOMALOUS 100-200 PPM.
 - PROBABLY ANOMALOUS 200-350 PPM.
 - DEFINITELY ANOMALOUS > 350 PPM.

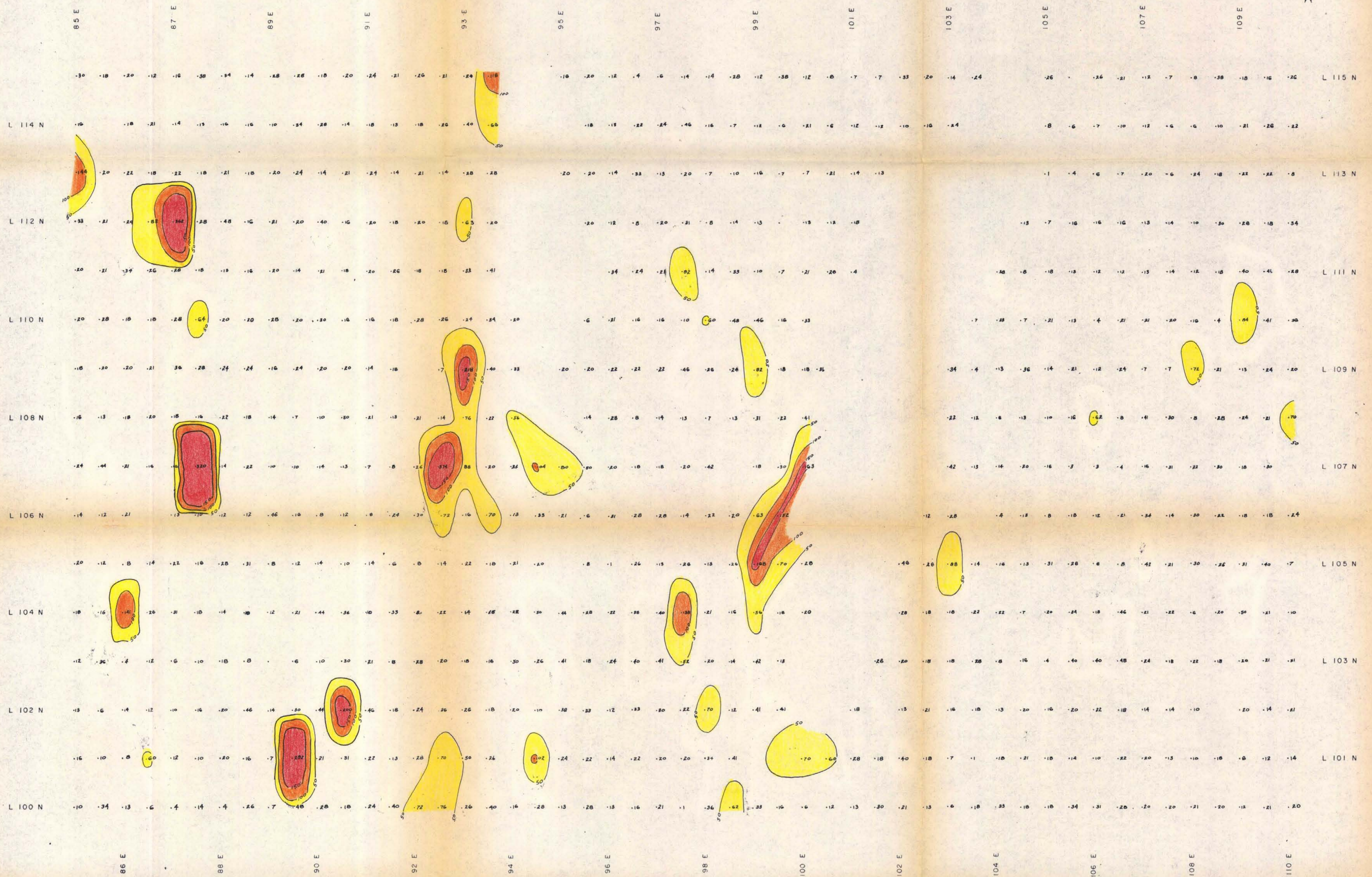
Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3013 MAP 45

MAP No. 4

EL PASO MINING AND MILLING COMPANY DEL NORTE MINING GROUP	
GEOCHEMICAL SOILS LEAD BIG MISSOURI RIDGE LAURA CLAIM & UNION FR. STEWART AREA, B.C.	
DRAWN BY M.S.M. DATE NOV. 1, 1970	SCALE 1" = 100'
TRACED BY hfb DATE DEC, 1970	REVISED DATE
REVISED DATE	DRAWING No. 104 B I-A13

TO ACCOMPANY GEOLOGICAL-GEOCHEMICAL REPORT BY
 G. ANGL P. ENG ON MINERAL LEASES M-51, M-52 AND
 M-118, SKEENA MINING DIVISION, B.C. DATED APRIL 23, '71

Approved
 Apr. 30/71



LEGEND

CONTOUR INTERVAL: 50,100,150
BACKGROUND: 25 P.P.M.

- POSSIBLY ANOMALOUS 50-100 P.P.M.
- PROBABLY ANOMALOUS 100-150 P.P.M.
- DEFINITELY ANOMALOUS >150 P.P.M.

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 D. 3013 MAP #6

MAP No. 5

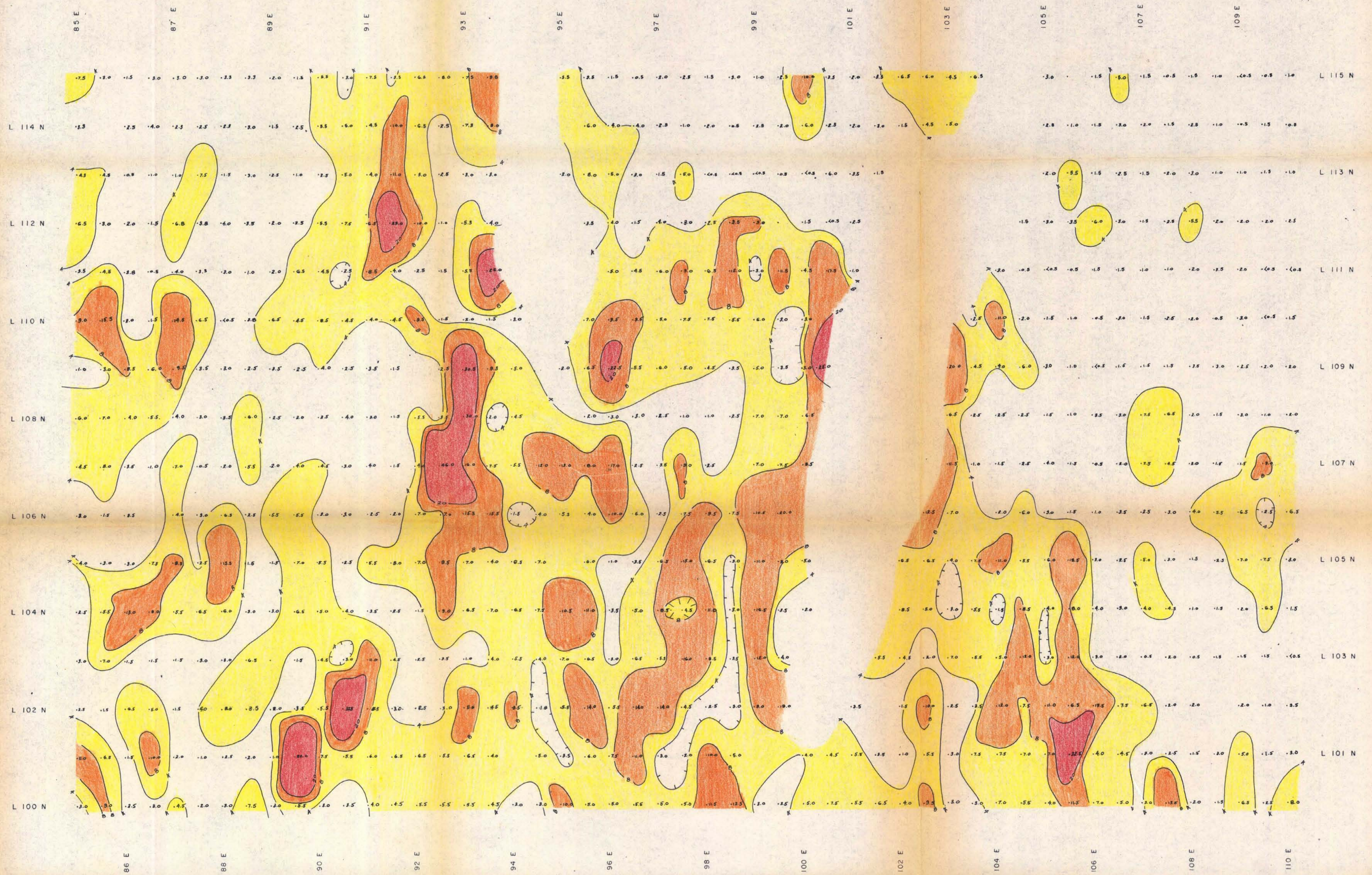
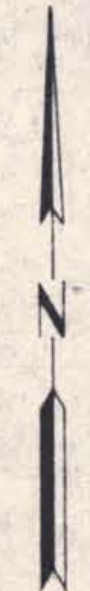
EL PASO MINING AND MILLING COMPANY
DEL NORTE MINING GROUP

**GEOCHEMICAL SOILS
COPPER**
BIG MISSOURI RIDGE
LAURA CLAIM & UNION FR.
STEWART AREA, B.C.

DRAWN BY	M.S.M.	DATE	NOV. 1, 1970	SCALE	1" = 100'
TRACED BY	hfb	DATE	DEC. 1, 1970		
REVISED	DATE	REVISED	DATE		
				DRAWING No.	104 B 1-A14

TO ACCOMPANY GEOLOGICAL-GEOCHEMICAL REPORT BY
G.A. NOEL P. ENG. ON MINERAL LEASES M-51, M-52 AND
M-118, SKEENA MINING DIVISION, B.C. DATED APRIL 23, '71

*Manual
Apr. 30 1971*



LEGEND

- CONTOUR INTERVAL 4, 8, 20 P.P.M.
 BACKGROUND 4 P.P.M.
- POSSIBLY ANOMALOUS 4-8 P.P.M.
 - PROBABLY ANOMALOUS 8-20 P.P.M.
 - DEFINITELY ANOMALOUS >20 P.P.M.

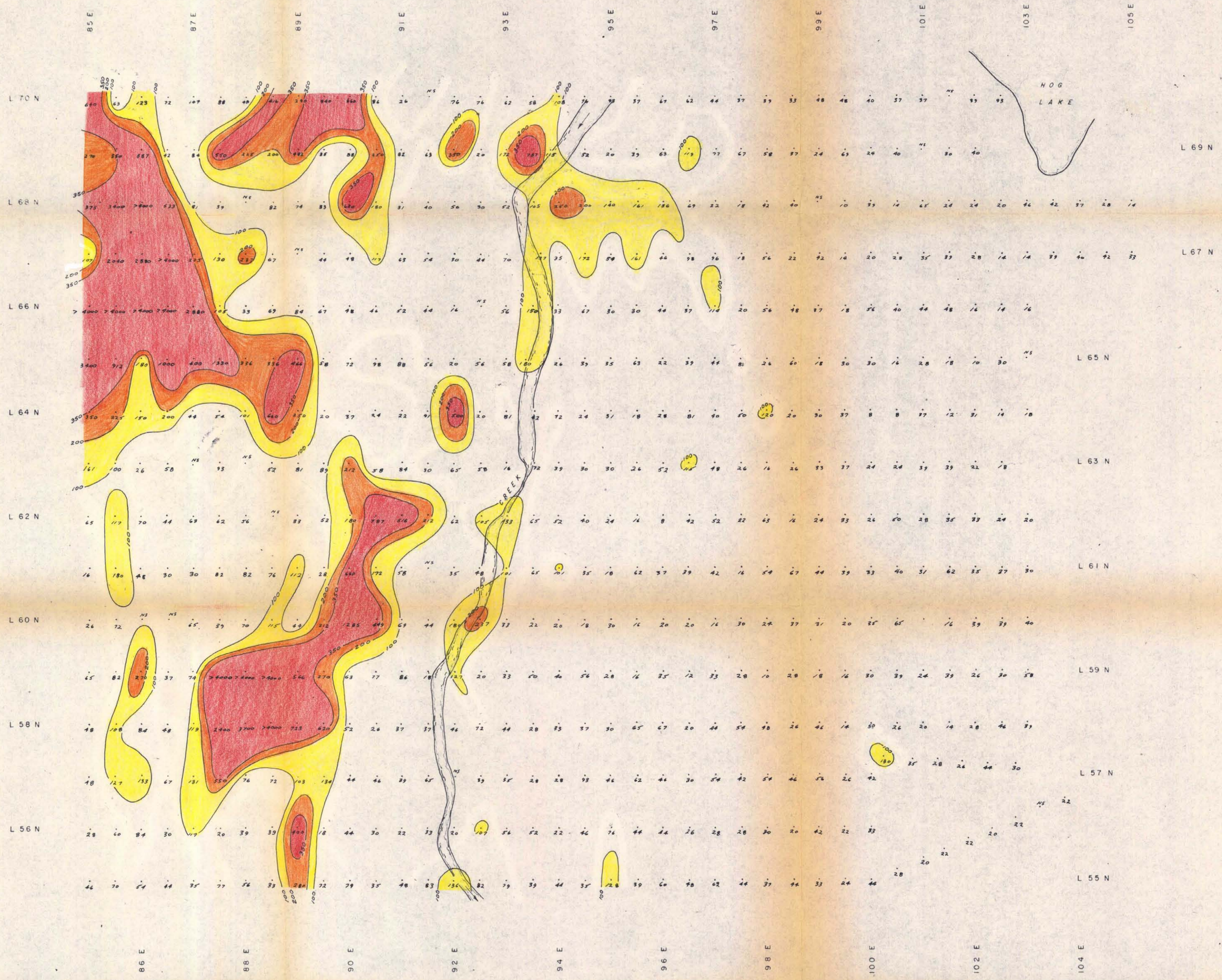
Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3013 MAP #7

MAP No. 6

EL PASO MINING AND MILLING COMPANY DEL NORTE MINING GROUP	
GEOCHEMICAL SOILS SILVER BIG MISSOURI RIDGE LAURA CLAIM & UNION FR. STEWART AREA, B.C.	
DRAWN BY M.S.M. DATE NOV. 1, 1970 TRACED BY Hrb DATE DEC. 18, 1970 REVISED DATE REVISED DATE	SCALE 1" = 100' DRAWING No. 104 B 1 - A 15

TO ACCOMPANY GEOLOGICAL-GEOCHEMICAL REPORT BY
 G.A. NOEL P. ENG. ON MINERAL LEASES M-51, M-52 AND
 M-118, SKEENA MINING DIVISION, B.C. DATED APRIL 23, '71

Approved
 Apr 30/71



LEGEND

- CONTOUR INTERVAL 100, 200, 350
 BACKGROUND <70 PPM
- POSSIBLY ANOMALOUS 100-200 PPM
 - PROBABLY ANOMALOUS 200-350 PPM
 - DEFINITELY ANOMALOUS >350 PPM

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3013 MAP #6

MAP No. 7

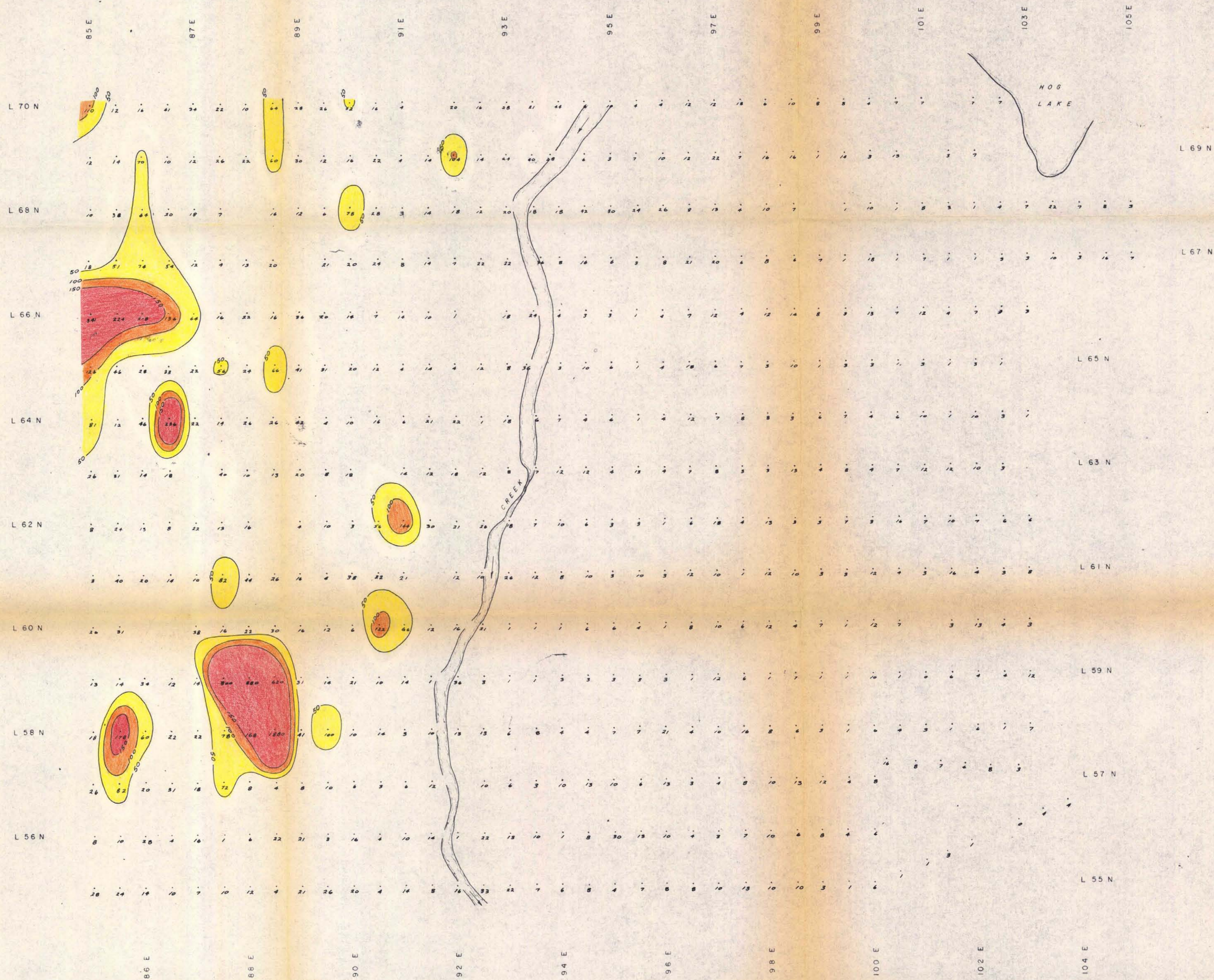
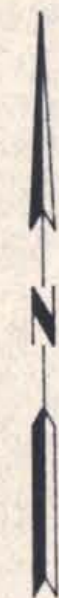
EL PASO MINING AND MILLING COMPANY
 DEL NORTE MINING GROUP

**GEOCHEMICAL SOILS
 LEAD**
 BIG MISSOURI RIDGE
 TERMINUS CLAIM & G.T. FR.
 STEWART AREA, B.C.

TO ACCOMPANY GEOLOGICAL - GEOCHEMICAL REPORT BY
 G.A. NOEL P. ENG ON MINERAL LEASES M-51, M-52 AND
 M-118, SKEENA MINING DIVISION, B.C. DATED APRIL 23, '71

*Revised
 Apr. 30/71*

DRAWN BY V.H.	DATE DEC 1970	SCALE 1" = 100'
TRACED BY H.M.J.	DATE DEC 1970	DRAWING NO. 104 B 1 - A16
REVISED DATE	REVISED DATE	



LEGEND

CONTOUR INTERVAL 50, 100, 150
BACKGROUND 25 P.P.M.

- POSSIBLY ANOMALOUS 50-100 P.P.M.
- PROBABLY ANOMALOUS 100-150 P.P.M.
- DEFINITELY ANOMALOUS > 150 P.P.M.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3013 MAP #9

MAP No. 8

EL PASO MINING AND MILLING COMPANY
DEL NORTE MINING GROUP

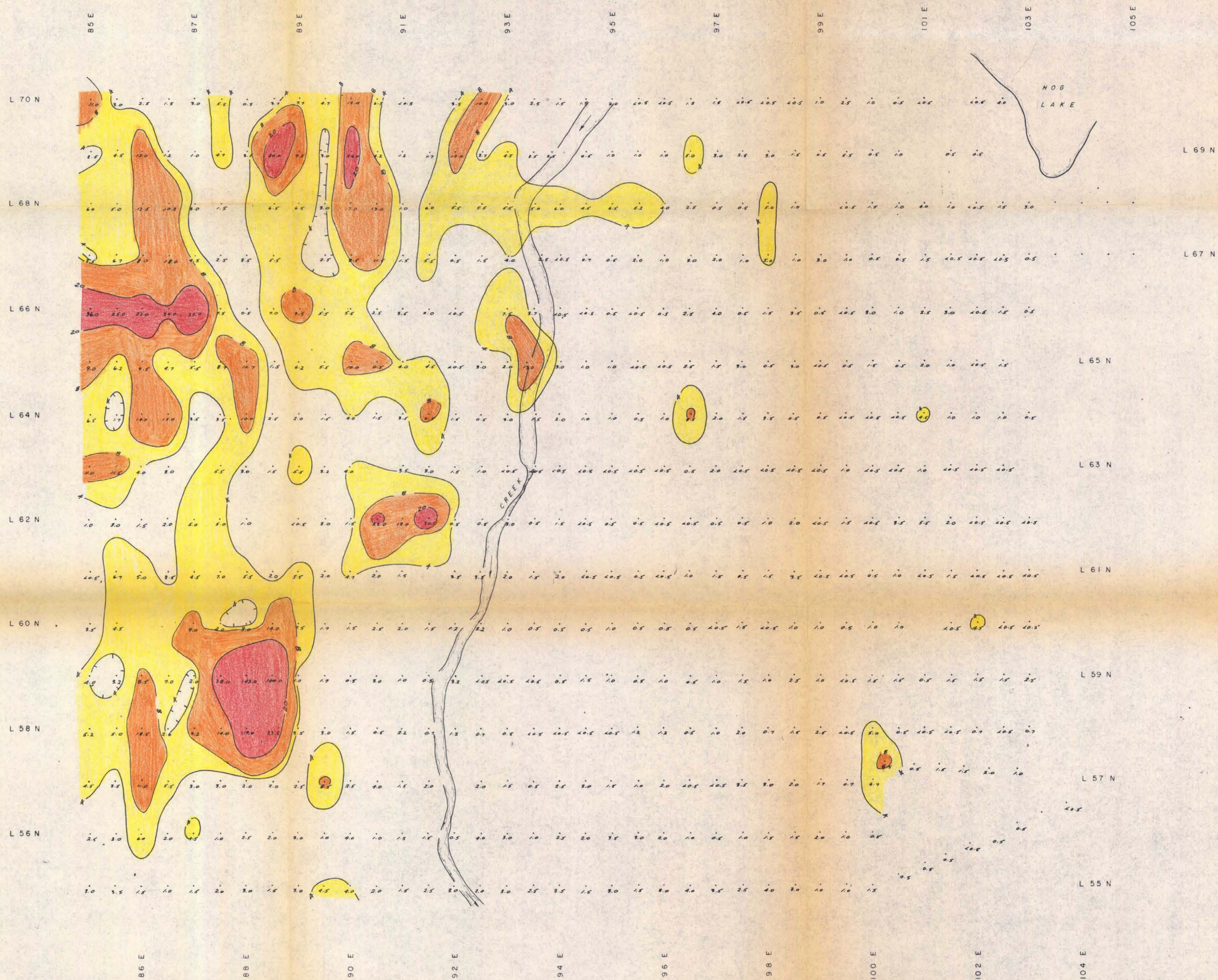
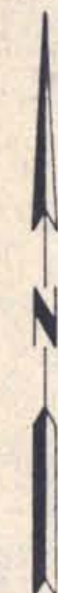
**GEOCHEMICAL SOILS
COPPER
BIG MISSOURI RIDGE
TERMINUS CLAIM & G.T. FR.
STEWART AREA, B.C.**

DRAWN BY V.K. DATE DEC 4, 1970
TRACED BY H.M.L. DATE DEC 16, 1970
REVISED DATE REVISED DATE

SCALE
1" = 100'
DRAWING No.
104 B 1-A17

TO ACCOMPANY GEOLOGICAL - GEOCHEMICAL REPORT BY
G.A. NOEL P. ENG. ON MINERAL LEASES M-51, M-52 AND
M-118, SKEENA MINING DIVISION, B.C. DATED APRIL 23, '71

APR 20 1971



LEGEND

CONTOUR INTERVAL - 4, 8, 20
BACKGROUND 4 PPM.

- POSSIBLY ANOMALOUS 4-8 PPM.
- PROBABLY ANOMALOUS 8-20 PPM.
- DEFINITELY ANOMALOUS >20 PPM.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3013 MAP #10

MAP No. 9

EL PASO MINING AND MILLING COMPANY
DEL NORTE MINING GROUP

**GEOCHEMICAL SOILS
SILVER
BIG MISSOURI RIDGE
TERMINUS CLAIM & G.T. FR.
STEWART AREA, B.C.**

DRAWN BY V.H.	DATE DEC 1970	SCALE 1" = 100'
TRACED BY H.M.J.	DATE DEC 1970	
REVISED DATE	REVISED DATE	
DRAWING No		104 B 1-A18

TO ACCOMPANY GEOLOGICAL - GEOCHEMICAL REPORT BY
G.A. NOEL P. ENG. ON MINERAL LEASES M-51, M-52 AND
M-118, SKEENA MINING DIVISION, B.C. DATED APRIL 23, '71

*Monal
Apr 30 1971*