4657

GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

W H A T GROUP OF CLAIMS

MERRITT, B. C.

LOCATED: 42 MILES SOUTH OF MERRITT, B.C.
(49° 42' N 121° 02'W)

NICOLA M.D., B. C.

BY

V. RYBACK-HARDY, P. Eng.

EL PASO MINING AND MILLING COMPANY

SEPTEMBER 21, 1973

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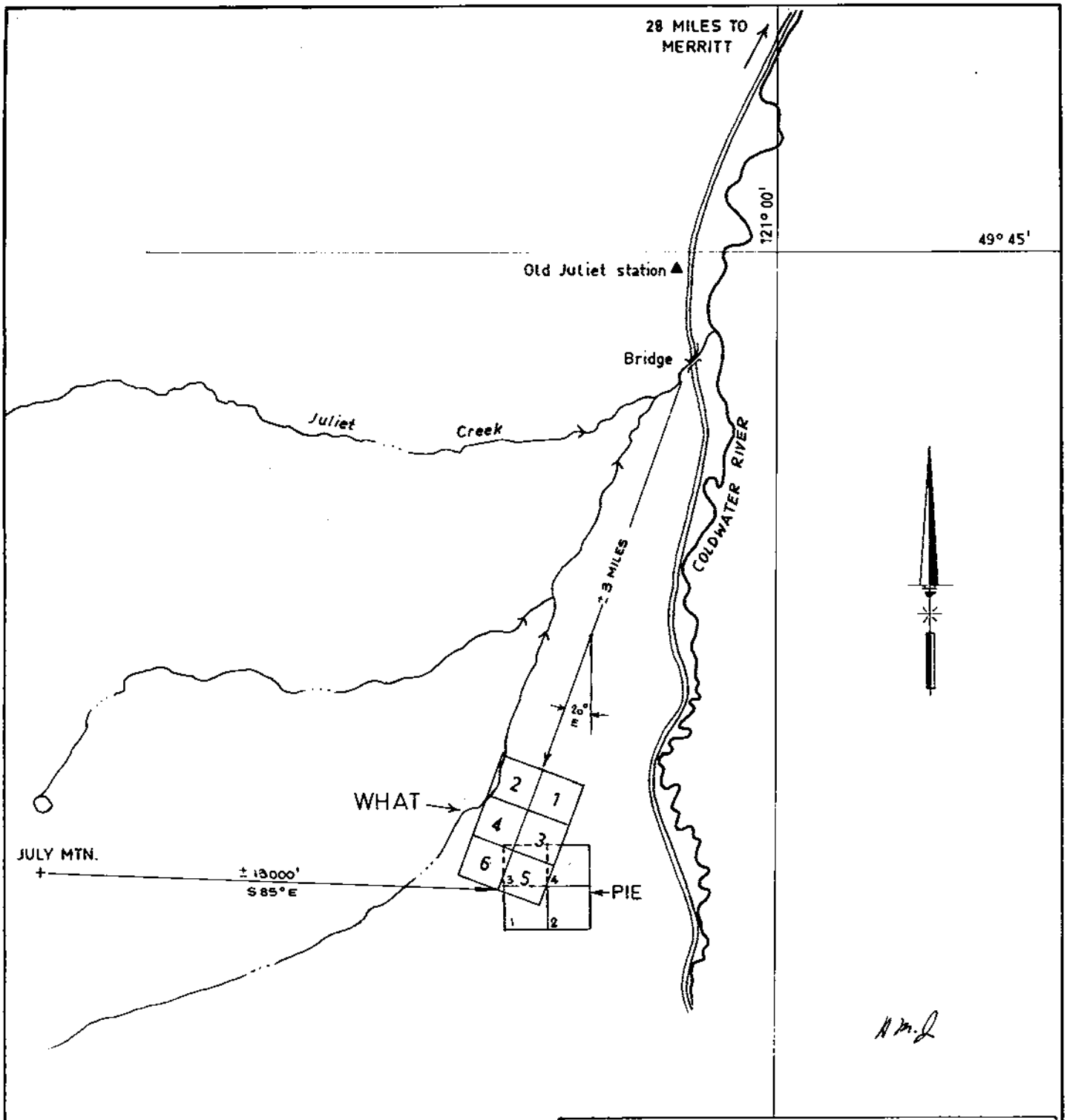


Department of Mines and Petroleum Resources

ASSESSMENT REPORT

NO. 4657 MAP #1

EL PASO MINING AND MILLING COMPANY

DEL NORTE MINING GROUP

LOCATION MAP

'WHAT' MINERAL CLAIM GROUP

NICOLA M.D.

BRITISH COLUMBIA

DRAWN BY:	P.V.	DATE:	SEPT. '73	SCALE:	1 : 50000
TRACED BY:		DATE:			
REVISED	DATE	REVISED	DATE	DRAWING No.	92-H-11-A1

SUMMARY

Between June 29th and August 19th, 1973 a geochemical and geological survey was conducted over the WHAT 1 - 6 and PIE 1 - 4 Claims, located 42 miles south of Merritt, B.C. The claims are underlain by foliated quartz diorite of the Eagle granodiorite pluton but the area of outcrop is too limited to permit any significant geological appraisal. The foliated quartz diorite is cut by aplite and andesite dikes and narrow quartz stringers and includes narrow bands of metasediments (phyllite) which parallel the foliation. One piece of angular float with sparse chalcopyrite, pyrite and possibly molybdenite was found in the central part of PIE No. 3 claims. A total of 665 soil samples were collected and analyzed for copper and molybdenum. The geochemical results outline coincident copper and molybdenum soil anomalies at least 2000 feet long by 200-400 feet wide and trending N10°E. The anomalous zone lies along the top of a ridge and is entirely drift covered. Bulldozer trenching is recommended.

AmJ

INTRODUCTION

From June 29th to August 19, 1973 a crew of three men conducted a geochemical and geological survey over the WHAT Group of claims. The surveys were conducted during two period, June 29th to July 6th and August 3rd to August 19th.

The WHAT Group consists of the WHAT Nos' 1 to 6 inclusive, staked by M. Morrison on September 10th, 1972 and recorded September 15, 1972. The PIE Nos' 1 to 4 inclusive, staked by V. Ryback-Hardy on August 10th 1973 and were recorded August 10th, 1973. The claims are presently owned by EL PASO MINING AND MILLING COMPANY.

The claim group is located approximately forty-two miles by road, south of Merritt, B.C. Access to the property is by the Coldwater road. The property is three miles south of the Juliet Creek bridge and one mile west of the Coldwater road.

The claim location line runs S20°W along the top of a flat ridge, at an elevation of 5000 to 5500 feet above sea level. The slopes are moderate to steep, to the east and west, away from the ridge. The area is well timbered with fir and balsam. However, WHAT #1 is almost completely covered with a thick growth of slide alder.

BMJ

FIELDWORK

During July and August a crew consisting of a geologist and two field assistants spent a total of 21 days completing a detailed geological and goechemical survey on the WHAT claims.

A 6000 foot base line was run at a bearing of S20°W along the location line of WHAT 1 to 6. At two hundred foot intervals, cross lines were run at right angles to the baseline. Soil samples were collected at one hundred foot intervals along these cross lines. This grid was established with a "Sylva" compass and a Topochaix, a "lost" thread device which records the length of string unreeling from the unit, thus measuring a distance or length covered.

Soils were collected from the "B" horizon at an average depth of 0.3 meters, using a mattock. The soils were stored in kraft envelopes and marked with the grid location.

The geology was mapped at a scale of 1" = 200' using the grid for control.

HmJ

GEOLOGY

General

The claims lie on the eastern edge of the Eagle granodiorite body of Lower Cretaceous or Jurassic age. This body is exposed in a narrow belt elongated in a northwest-southeast direction. The rock is generally foliated with the foliation parallel to the direction of elongation. According to H.M.A. Rice*, the grey granodiorite of this area may have developed as a result of intense metamorphism of the intruded rock. In places traces of bedding are distinctly preserved and much of the rock has the confused texture of a metamorphic rock with impurities dusted through all the major constituents. This is in evidence on the WHAT Claims as dyke-like bodies of phyllite cut through the granodiorite parallel to foliation. The schistosity of the phyllite also parallels this foliation and the granodiorite also contains inclusions of banded migmatitic material.

Generally, the Eagle granodiorite is composed of the following minerals: quartz - 22.6%, plagioclase feldspar - 65.2%, potash feldspar - 0.4%, and therefore should be termed quartz diorite.

The claims are 2000 feet west of the contact of the Eagle granodiorite with the Nicola volcanics of Upper Triassic age.

* Rice, H.M.A.; GSC Memoir 243, Geology and Mineral Deposits of the Princeton Map-Area, British Columbia, P.37.

NMJ

GEOLOGY (Continued)

Detail

Outcrops are scarce but where present, they are rubbly, precluding any accurate determination of structure. The claims are underlain by foliated granodiorite (quartz diorite) of the Eagle granodiorite body of the Jurassic to Lower Cretaceous Coast intrusions.

The granodiorite is a leucocratic hypidiomorphic granular rock, composed of equant plagioclase, quartz and tubular biotite. The rock is generally fresh looking; however, occasionally, some secondary potash feldspar can be seen along fractures.

Foliation, caused by the alignment of abundant biotite, trends northwest and is vertical or steeply dipping to the northeast.

In the west edge of PIE #4, a quartz diorite was mapped. This rock type is finer grained and foliation is not evident in hand specimens. Hornblende is more common and biotite is less abundant than in the foliated "granodiorite". At times this unit has a distinctive "salt and pepper" texture.

Cutting the foliated rocks are aplite and andesite dykes, narrow irregular quartz stringers, as well as bands of phyllite (or hornfels). The aplite dykes are ubiquitous though highly irregular, with the greatest concentration of aplite found in the central portion of PIE #3. Quartz veining appears to be directly associated with the aplite.

AMJ

GEOLOGY (Continued)

Detail

Andesite dykes, at time lamprophyric, parallel the foliation in the "granodiorite". Some bedded andesite tuffs are found at the south end of WHAT #6 and may represent a xenolith of Triassic Nicola volcanics in the Eagle granodiorite.

Narrow bands of phyllite are found throughout the claims but are most common along the top of the ridge,between the initial and final posts of WHAT Nos' 1 and 2. This schistose dark brown to black rock also parallels the foliation in the granodiorite. Small inclusions of this phyllitic migmatite are found completely enveloped by the foliated granodiorite.

Occasional blobs of a grey dacitic porphyry are found and these are probably related to the andesite dykes.

MINERALIZATION

Pyrite is scarce or absent in the granitic rocks. Some minor disseminated pyrite occasionally occurs in the andesite and phyllitic rocks. The only mineralization of any significance was found in angular float near the aplite dykes in the central part of PIE No. 3. This mineralization consists of weak malachite staining and sparsely disseminated pyrite and chalcopyrite with possibly a speck or two of molybdenite in the foliated biotite "granodiorite".

GEOCHEMICAL RESULTS

Six hundred and sixty-five soil samples were collected and analysed as follows:

The samples were dried and seived. A one gram portion of the -80 mesh fraction of each sample was allowed to react with 2ml of concentrated nitric acid (HNO_3) for one half hour. Then 5ml of perchloric acid ($HClO_4$) were added and the sample was allowed to digest for 5 hours at +250°F. The sample was diluted to 25ml with distilled water and then analysed for copper, molybdenum and zinc by the atomic absorption method by Min-En Laboratories Ltd.,
705 West 15th Street,
North Vancouver, B.C.

The copper and molybdenum content of the soil samples, in parts per million, were plotted on a frequency histogram and the cumulative percent frequency curve was plotted on log probability paper. The cumulative frequency curve for copper closely approximates a straight line, while the curve for molybdenum is curvelinear; however, for background and anomalous parameters, we can assume it to be a straight line.

From mathematical tables for a normal distribution, we have the value u+d found at the 84.13 percentile where "u" is the mean and "d" is the standard deviation. From the cumulative frequency plot,the following data can be read.

	Cu		Mo	
u+d	(at 84.13 percentile)	= 96ppm	(at 84.13 percentile)	= 22.0ppm
u	(at 50.00 percentile)	= 32ppm	(at 50.00 percentile)	= 4.3ppm
d		= 64ppm		= 17.7ppm

The following parameters were chosen for background and anomalous values:

	Cu		Mo	
background	u	= 32ppm	u	= 4.3ppm
possibly anomalous	u+d to u+2d	= 96ppm-160ppm	u+d to u+2d	= 22.0ppm to 39.7ppm
probably anomalous	u+2d to u+4d	= 160ppm-288ppm	u+2d to u+3d	= 39.7ppm to 57.4ppm
definitely anomalous	> u+4d	> 288ppm	> u+3d	= >57.4ppm

The following values were chosen for ease of contouring.

background	32ppm	4.0ppm
possibly anomalous	100-150 ppm	20-40 ppm
probably anomalous	130-300 ppm	40-60 ppm
definitely anomalous	>300 ppm	>60 ppm

The soils results were plotted on the grid and contoured as outlined above. The geochemical plan shows one well defined soil anomaly fairly coincident in molybdenum and copper. The anomaly trends N10°E to N20°E and is at least two thousand feet long following the top of the ridge on WHAT 5 and 6 and PIE #3 claims. The anomalous molybdenum values are much more widespread

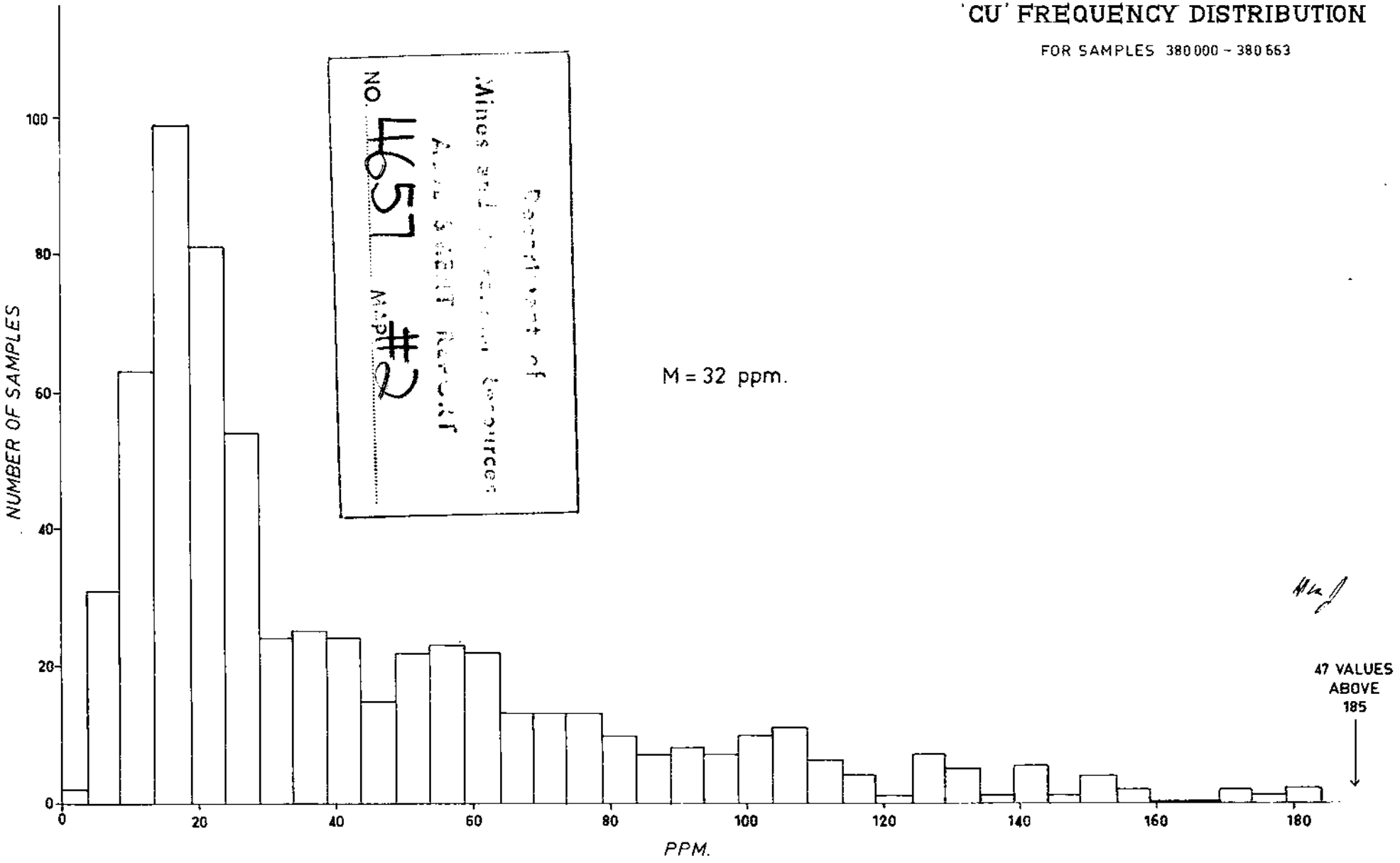
EL PASO MINING AND MILLING CO.

'WHAT' MINERAL CLAIM GROUP

NICOLA M.D.

'CU' FREQUENCY DISTRIBUTION

FOR SAMPLES 380000 - 380663



M = 32 ppm.

FIG. 2

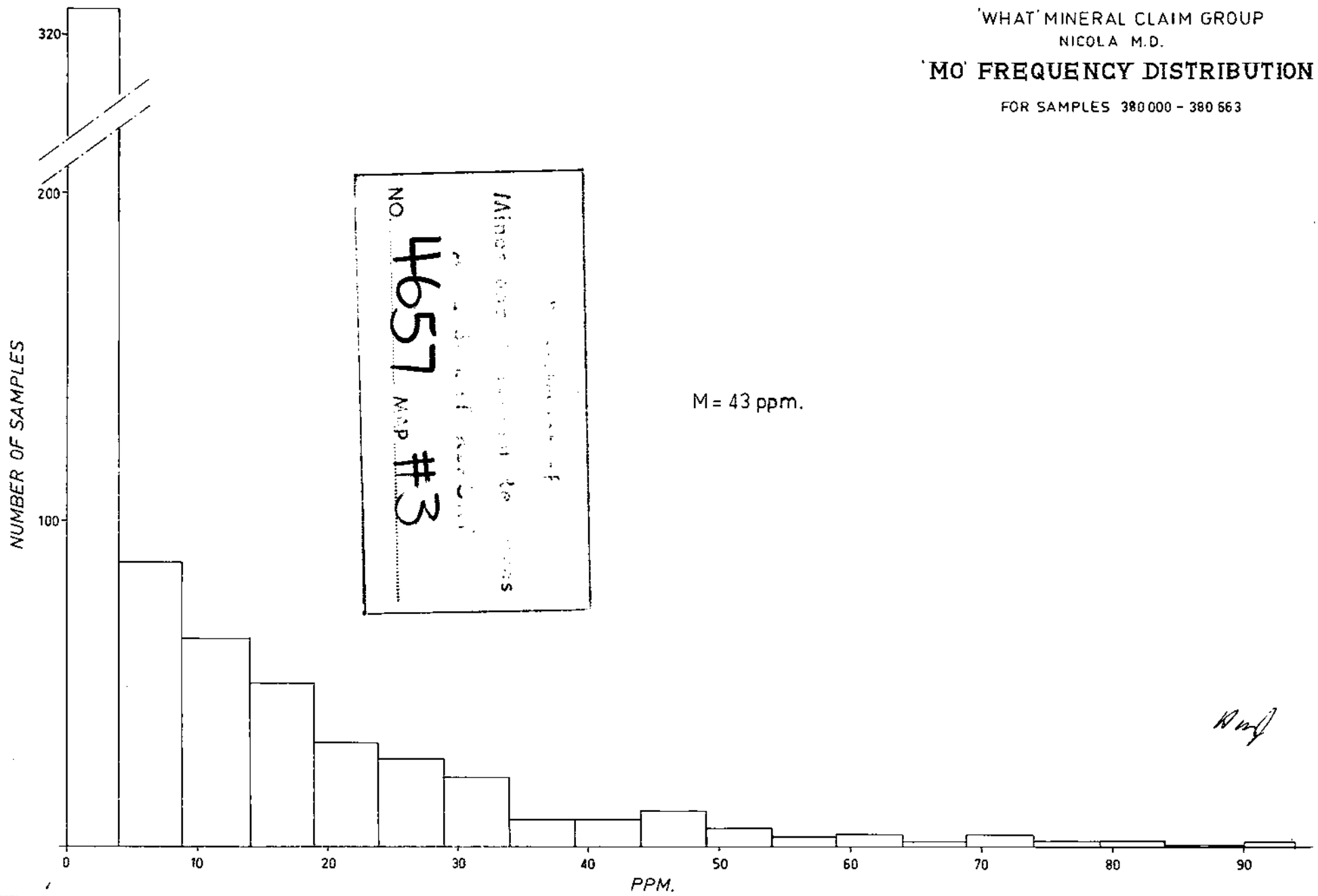
EL PASO MINING AND MILLING CO.

'WHAT' MINERAL CLAIM GROUP

NICOLA M.D.

'MO' FREQUENCY DISTRIBUTION

FOR SAMPLES 380000 - 380663



M = 43 ppm.

FIG. 3

G-24 LOGARITHMIC PROBABILITY

GRAPHIC CONTROLS CANADA LTD.
MADE IN CANADA

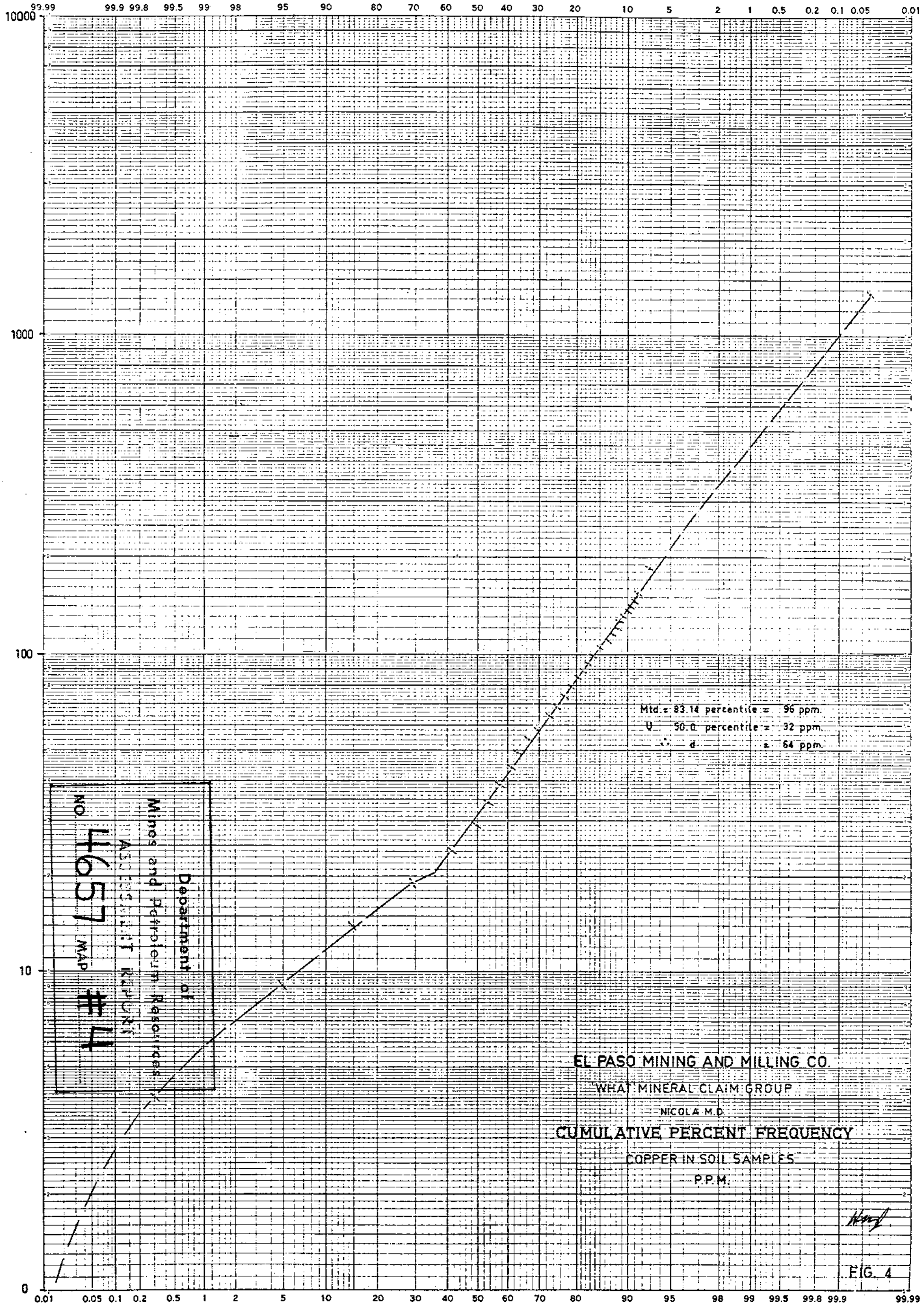


FIG. 4

G-24 LOGARITHMIC PROBABILITY

GRAPHIC CONTROLS CANADA LTD.
MADE IN CANADA

99.99 99.9 99.8 99.5 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01

1000

P.P.M.

100

10

1

0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.5 99.8 99.9 99.99

ON
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
MAP #5

EL PASO MINING AND MILLING CO.
'WHAT' MINERAL CLAIM GROUP
NICOLA M.D.

CUMULATIVE PERCENT FREQUENCY
MOLYBDENUM IN SOIL SAMPLES
P.P.M.

FIG. 5

than the anomalous copper values. The molybdenum anomaly varies from 400 to 800 feet in width while the copper anomaly is much narrower (200'-400') and the latter is displaced to the east (downslope) of the molybdenum anomaly.

CONCLUSIONS

Very little copper mineralization can be seen on the property. However, the area underlying the well defined copper and molybdenum anomalies is completely drift covered and this area definitely warrants further work. A limited program of trenching to expose bedrock in this area is recommended.

V. Ryback-Hardy/per H.m.J.
V. Ryback-Hardy

September 21, 1973

H.m.J.

A P P E N D I X A

STATEMENT OF COSTS

STATEMENT OF COSTS

SALARIES

JULY 2nd to 6th, 1973		= $ 517.67	
V. RYBACK-HARDY	@ $903/month for 20 days	= 602.00	
M. HUTCHINSON	@ $600/month for 8 days	= 160.00	
M. MORET	@ $600/month for 20 days	= 400.00	
	TOTAL		$ 1,679.67

MEALS AND ACCOMMODATION

- 3 Men for 5 days @ $15/man/day	=	$ 225.00
- 1 Man for 7 days @ $15/man/day	=	105.00
- 2 Men for 17 days @ $15/man/day	=	510.00

VEHICLE RENTAL - 22 days	=	319.37	
ASSAYS - 523 samples @ $2.15	=	1,124.45	
REPORT PREPARATION		100.00	
			$ 2,383.82
	TOTAL		$ 4,063.49

A P P E N D I X B

GEOCHEMICAL ANALYSES

COMPANY El Paso Mining

PROJECT No. 186 Cu 30

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

FILE No. 366

DATE: July 24 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380000	24	49		85								
01	38	370		94								
02	33	128		93								
03	49	365		96								
04	22	80		45								
05	34	310		120								
06	10	22		98								
07	9	51		73								
08	9	36		54								
09	4	13		74								
10	2	39		104								
11	3	28		149								
12	2	6		159								
13	2	6		107								
14	2	6		161								
15	3	6		131								
16	4	7		151								
17	6	51		150								
18	6	26		59								
19	16	73		131								
20	18	30		50								
21	24	96		81								
22	11	50		57								
23	19	69		52								
24	20	235		69								
25	23	129		67								
26	19	43		63								
27	40	96		83								
28	55	245		84								
380029	37	88		95								

Mo - Cu 30 - What Project

CERTIFIED BY A. Panke

COMPANY El Paso Mining

PROJECT No. 186 Cu 30

GEOCHEMICAL ALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

FILE No. 366

DATE July 24 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380030	23	48		74								
31	22	64		100								
32	54	80		67								
33	39	285		85								
34	78	400		112								
35	32	375		135								
36	22	390		101								
37	16	71		75								
38	8	60		83								
39	12	24		134								
40	7	41		135								
41	13	103		141								
42	13	280		143								
43	12	26		105								
44	4	44		126								
45	3	41		70								
46	4	64		102								
47	4	53		101								
48	5	152		69								
49	4	97		104								
50	5	50		111								
51	8	50		77								
52	15	100		100								
53	26	116		112								
54	17	105		89								
55	154	1070		131								
56	20	93		74								
57	27	29		47								
58	20	265		97								
380059	11	255		125								

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COMPANY: El Paso Mining

PROJECT No.: 186 Cu 30

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

FILE No.: 366

DATE: July 24 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380060	52	112		70			•					•
61	23	182		112			•					•
62	27	71		156			•					•
63	34	106		83			•					•
64	66	129		91			•					•
65	27	63		59			•					•
66	14	110		81			•					•
67	10	42		65			•					•
68	9	106		61			•					•
69	11	31		52			•					•
70	9	19		63			•					•
71	11	26		37			•					•
72	6	11		38			•					•
73	2	8		50			•					•
74	2	21		58			•					•
75	9	56		79			•					•
76	2	10		54			•					•
77	1	11		48			•					•
78	2	9		33			•					•
79	18	52		111			•					•
80	10	31		91			•					•
81	8	15		48			•					•
82	10	12		37			•					•
83	18	58		60			•					•
84	12	80		93			•					•
85	27	78		86			•					•
86	12	111		93			•					•
87	11	66		90			•					•
88	15	45		59			•					•
380089	12	42		66			•					•

JUL 30 1973

CERTIFIED BY: A. Hanke

COMPANY: El Paso Mining

PROJECT No.: 186 Cu 30

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

File No. 366

DATE: July 24 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380090	18	32		67								
91	23	107		91								
92	58	235		96								
93	30	156		100								
94	74	445		81								
85	17	172		75								
96	11	131		71								
97	30	535		111								
98	27	330		120								
99	16	133		87								
100	15	260		113								
01	13	67		80								
02	11	82		84								
03	18	495		129								
04	12	105		64								
05	18	435		102								
06	4	44		95								
07	19	315		138								
08	2	14		72								
09	1	11		95								
10	1	9		73								
11	1	10		46								
12	1	13		79								
13	2	20		43								
14	2	26		63								
15	2	13		39								
16	2	13		55								
17	5	37		67								
18	5	19		51								
380119	73	63		86								

JUL 30 1973

CERTIFIED BY: A. Hanke

COMPANY: El Paso Mining

PROJECT No.: 186 Cu 30

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

File No. 366

DATE: July 24 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380120	14	51		59								
21	28	48		53								
22	47	355		89								
23	24	39		52								
24	23	108		100								
25	21	58		70								
26	89	85		75								
27	94	189		60								
28	19	70		94								
29	20	50		83								
30	6	58		37								
31	26	195		70								
32	31	132		79								
33	4	36		94								
34	8	33		47								
35	2	13		78								
36	3	14		47								
37	3	28		72								
38	1	7		29								
380139	2	6		23								

JUL 30 1973

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COMPANY: El Paso Mining

PROJECT No: 186 Cu 30

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

File No. 422

DATE: Aug 14 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380141	39	104		92			•					•
42	30	99		97			•					•
43	70	170		79			•					•
44	45	151		131			•					•
45	29	275		83			•					•
46	17	133		72			•					•
47	19	104		47			•					•
48	14	295		141			•					•
49	49	280		116			•					•
50	11	91		84			•					•
51	6	61		51			•					•
52	6	48		43			•					•
53	3	22		490			•					•
54	1	3		27			•					•
55	2	5		73			•					•
56	2	9		630			•					•
57	4	83		57			•					•
58	3	20		57			•					•
59	5	55		98			•					•
60	7	54		126			•					•
61	6	53		154			•					•
62	4	20		42			•					•
63	5	34		59			•					•
64	3	16		99			•					•
65	26	300		102			•					•
66	21	144		137			•					•
67	19	136		85			•					•
68	20	115		90			•					•
69	27	81		48			•					•
380170	74	290		77			•					•

186 - Cu 30 Whit Group 1 — Copy to V. Rybacki, Hardy Aug. 17/73

CERTIFIED BY A. Hanke

COMPANY: El Paso Mining

PROJECT No.: 186 Cu 30

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

File No. 422

DATE: Aug 14 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380171	30	85		36			•					•
72	41	91		74			•					•
73	50	79		72			•					•
74	27	55		68			•					•
75	80	62		67			•					•
76	13	57		63			•					•
77	11	34		28			•					•
78	12	235		138			•					•
79	15	43		136			•					•
80	15	67		149			•					•
81	9	92		305			•					•
82	6	13		490			•					•
83	9	25		53			•					•
84	5	44		158			•					•
85	6	61		102			•					•
86	3	46		127			•					•
87	2	47		62			•					•
88	4	50		80			•					•
89	25	122		95			•					•
90	25	91		134			•					•
91	32	116		85			•					•
92	63	145		63			•					•
93	12	72		71			•					•
94	12	78		71			•					•
95	10	109		42			•					•
96	10	110		79			•					•
97	8	59		83			•					•
98	5	42		99			•					•
99	4	26		55			•					•
380200	1	2		15			•					•

CERTIFIED BY A. Fuerste

COMPANY: El Paso Mining

PROJECT No.: 186 Cu 30

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

File No. 422

DATE: Aug 14 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380201	1	8		26			•					•
02	1	8		32			•					•
03	1	9		27			•					•
04	1	65		85			•					•
05	2	48		89			•					•
06	2	25		78			•					•
07	2	21		67			•					•
08	2	18		81			•					•
09	7	61		67			•					•
10	3	34		86			•					•
11	8	24		39			•					•
12	5	79		81			•					•
13	39	126		54			•					•
14	16	97		80			•					•
15	42	83		60			•					•
16	78	81		57			•					•
17	80	73		59			•					•
18	17	77		76			•					•
18	32	76		74			•					•
20	14	44		49			•					•
21	63	235		113			•					•
22	20	47		93			•					•
23	11	19		21			•					•
24	65	156		64			•					•
25	30	55		88			•					•
26	10	58		37			•					•
27	7	27		26			•					•
28	4	12		27			•					•
29	5	13		38			•					•
380230	6	10		36			•					•

CERTIFIED BY A. Hanke

COMPANY: El Paso Mining

PROJECT No.: 186 Cu 30

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

File No. 422

DATE: Aug 14 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380231	62	36		59								
32	34	24		64								
33	8	25		35								
34	6	33		92								
35	1	8		27								
36	8	73		138								
37	3	16		39								
38	2	19		59								
39	2	16		44								
40	5	42		69								
41	11	63		80								
42	15	42		75								
43	15	43		61								
44	12	40		54								
45	8	60		68								
46	18	93		86								
47	21	108		124								
48	27	60		92								
49	24	73		87								
50	2	21		130								
51	18	57		61								
52	43	94		65								
53	28	75		81								
54	16	90		115								
55	64	255		58								
56	49	95		120								
57	31	187		134								
58	25	140		93								
59	6	38		70								
380260	3	32		94								

CERTIFIED BY A. Hall

COMPANY: El Paso Mining

PROJECT No: 186 Cu 30

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

FI No. 422

DATE: Aug 14 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380261	3	33		93								
62	8	100		69								
63	3	63		117								
380264	11	35		48								

CERTIFIED BY A Ranke

COMPANY: El Paso Mining

PROJECT No.: _____

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

File No. 475

DATE: Aug 30 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380265	28	119		98			•					•
66	46	88		77			•					•
67	19	79		83			•					•
68	25	42		50			•					•
69	9	67		65			•					•
70	12	22		32			•					•
71	12	28		50			•					•
72	16	72		48			•					•
73	7	27		50			•					•
74	4	12		69			•					•
75	8	9		32			•					•
76	3	17		61			•					•
77	2	10		39			•					•
78	3	15		50			•					•
79	1	9		51			•					•
80	2	8		33			•					•
81	2	9		29			•					•
82	3	9		39			•					•
83	1	15		79			•					•
84	8	9		32			•					•
85	24	29		70			•					•
86	9	15		41			•					•
87	25	35		34			•					•
88	14	35		60			•					•
89	12	21		50			•					•
90	24	78		59			•					•
91	25	140		71			•					•
92	27	153		104			•					•
93	25	50		55			•					•
380294	52	102		69			•					•

CERTIFIED BY A. Hanke

COMPANY: El Paso Mining

PROJECT No.:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

File No. 475

DATE: Aug 30 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380295	55	360		73			•					•
96	31	109		62			•					•
97	22	110		72			•					•
98	6	55		59			•					•
99	11	58		55			•					•
300	13	107		73			•					•
01	14	114		75			•					•
02	11	89		88			•					•
03	10	68		86			•					•
04	7	53		93			•					•
05	9	200		88			•					•
06	6	48		88			•					•
07	6	84		72			•					•
08	4	108		140			•					•
09	4	76		137			•					•
10	1	25		210			•					•
11	2	23		58			•					•
12	4	60		82			•					•
13	4	49		85			•					•
14	2	15		75			•					•
15	3	25		120			•					•
16	5	128		142			•					•
17	7	53		132			•					•
18	6	66		107			•					•
19	5	51		126			•					•
20	26	190		136			•					•
21	10	87		115			•					•
22	14	128		105			•					•
23	44	220		98			•					•
380324	30	25		33			•					•

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COMPANY: El Paso Mining

PROJECT No.: _____

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

File No. 475

DATE: Aug 30 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380325	45	36	✓	16			•					•
26	42	185		72			•					•
27	12	73		77			•					•
28	9	52		86			•					•
29	10	45		47			•					•
30	8	64	✓	63			•					•
31	5	63		54			•					•
32	11	53	✓	43			•					•
33	3	11	✓	41			•					•
34	40	205	✓	58			•					•
35	10	15	✓	40			•					•
36	2	8	✓	45			•					•
37	3	13	✓	58			•					•
38	6	53	✓	27			•					•
39	39	330	✓	87			•					•
40	49	470	✓	58			•					•
41	18	55		64			•					•
42	7	26	✓	47			•					•
43	23	61	✓	79			•					•
44	93	200	✓	80			•					•
45	21	63	✓	58			•					•
46	19	185		95			•					•
47	16	102	✓	99			•					•
48	49	106	✓	43			•					•
49	15	42		58			•					•
50	3	54	✓	94			•					•
51	9	220	✓	255			•					•
52	37	48	✓	104			•					•
53	8	56	✓	123			•					•
380354	6	67	✓	108			•					•

CERTIFIED BY A. Hart

COMPANY: El Paso Mining

PROJECT No.:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

File No. 475

DATE: Aug 30 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380355	3	15		96								
56	5	79		137								
57	1	8		75								
58	2	75		210								
59	2	9		68								
60	2	7		60								
61	1	13		53								
62	2	27		74								
63	1	17		68								
64	2	37		56								
65	3	25		64								
66	1	24		56								
67	4	19		76								
68	2	15		55								
69	3	19		85								
70	2	14		76								
71	3	18		120								
72	4	23		80								
73	2	23		118								
74	3	39		137								
75	1	16		84								
76	3	57		129								
77	2	44		123								
78	2	23		90								
79	2	25		89								
80	2	14		64								
81	3	31		80								
82	9	22		46								
83	12	27		81								
380384	26	74		92								

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COMPANY: El Paso Mining

PROJECT No.:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

F. No. 475

DATE: Aug 30 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380385	7	25		73								
86	3	10		36								
87	3	23		60								
88	4	11		53								
89	17	69		73								
90	50	143		61								
91	10	24		51								
92	6	13		45								
93	3	23		53								
94	6	20		64								
95	4	24		79								
96	1	37		105								
97	1	16		65								
98	1	10		66								
99	1	10		63								
400	2	16		78								
01	1	16		80								
02	2	15		103								
03	2	15		89								
04	2	15		71								
05	1	13		81								
06	1	18		76								
07	2	21		77								
08	1	21		86								
09	2	17		68								
10	1	21		63								
11	2	20		76								
12	3	24		89								
13	1	35		91								
380414	2	17		55								

CERTIFIED BY C. Hawkes

COMPANY: El Paso Mining

PROJECT No.:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

File No. 475

DATE: Aug 30 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380415	2	12	✓	56			•					•
16	3	14	✓	60			•					•
17	2	18	✓	68			•					•
18	1	14	✓	80			•					•
19	1	15	✓	49			•					•
20	2	13	✓	65			•					•
21	2	12	✓	68			•					•
22	2	20	✓	63			•					•
23	2	20	✓	65			•					•
24	2	15	✓	53			•					•
25	3	24	✓	57			•					•
26	1	13	✓	69			•					•
27	2	20	✓	61			•					•
28	1	13	✓	56			•					•
29	1	12	✓	64			•					•
30	1	18	✓	71			•					•
31	3	17	✓	65			•					•
32	2	23	✓	68			•					•
33	1	25	✓	80			•					•
34	3	15	✓	88			•					•
35	1	14	✓	54			•					•
36	2	35	✓	95			•					•
37	2	25	✓	102			•					•
38	2	22	✓	76			•					•
39	2	24	✓	60			•					•
40	1	19	✓	92			•					•
41	1	18	✓	96			•					•
42	1	15	✓	64			•					•
43	1	21	✓	72			•					•
380444	2	20	✓	140			•					•

CERTIFIED BY C. Parke

COMPANY: El Paso Mining

PROJECT No.:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

F No. 475

DATE: Aug 30 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380445	2	17		63								
46	2	18		69								
47	1	19		66								
48	3	23		62								
49	1	17		60								
50	1	22		80								
51	2	19		63								
52	2	23		75								
53	1	22		60								
54	1	26		71								
55	2	11		71								
56	2	11		81								
57	2	18		77								
58	2	9		87								
59	2	9		66								
60	3	35		104								
61	1	14		54								
62	3	13		90								
63	3	18		72								
64	2	16		75								
65	2	15		60								
66	2	12		107								
67	1	20		180								
68	1	24		67								
69	1	11		50								
70	1	15		63								
71	2	25		90								
72	1	17		56								
73	2	13		95								
380474	1	12		50								

CERTIFIED BY A. Hanke

COMPANY: El Paso Mining

PROJECT No.:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

F No. 475

DATE: Aug 30 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380475	1	15		55			•					•
76	1	18		78			•					•
77	2	21		73			•					•
78	1	13		62			•					•
79	1	17		62			•					•
80	1	21		61			•					•
81	1	16		62			•					•
82	2	21		99			•					•
83	1	13		96			•					•
84	1	17		90			•					•
85	4	25		93			•					•
86	2	18		84			•					•
87	1	17		67			•					•
88	1	14		48			•					•
89	2	18		61			•					•
90	2	24		75			•					•
91	1	25		60			•					•
92	2	20		75			•					•
93	2	16		58			•					•
94	2	15		68			•					•
95	2	13		46			•					•
96	3	12		54			•					•
97	2	18		60			•					•
98	3	33		200			•					•
99	2	24		62			•					•
500	3	33		190			•					•
01	2	20		91			•					•
02	2	26		57			•					•
03	2	19		54			•					•
380504	1	8		50			•					•

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COMPANY: El Paso Mining

PROJECT No.:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

File No. 475

DATE: Aug 30 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380505	1	9		43								
06	1	34		54								
07	2	20		65								
08	1	12		75								
09	2	24		95								
10	2	13		65								
11	1	13		64								
12	1	20		61								
13	2	18		77								
14	2	11		51								
15	2	16		105								
16	6	29		880								
17	2	18		62								
18	8	55		64								
19	3	17		75								
20	4	18		55								
21	3	22		60								
22	4	28		70								
23	2	28		69								
24	1	18		98								
25	2	27		65								
26	2	17		57								
27	2	16		49								
28	1	22		62								
29	1	26		80								
30	1	25		116								
31	3	25		102								
32	3	65		80								
33	3	29		60								
380534	2	20		39								

CERTIFIED BY A. Hanke

COMPANY: El Paso Mining

PROJECT No.:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

F No. 475

DATE: Aug 30 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380535	3	23		40								
36	2	23		51								
37	2	32		73								
38	3	16		108								
39	1	25		123								
40	2	23		85								
41	3	29		82								
42	2	23		64								
43	2	15		57								
44	3	23		76								
45	3	37		104								
46	2	17		70								
47	4	21		56								
48	3	21		59								
49	3	19		70								
50	3	15		65								
51	2	16		59								
52	2	13		60								
53	3	17		58								
54	1	13		57								
55	3	22		75								
56	2	24		117								
57	2	19		114								
58	3	12		134								
59	2	44		255								
60	1	38		245								
61	2	45		118								
62	1	55		400								
63	2	16		117								
380564	3	27		118								

CERTIFIED BY

COMPANY: El Paso Mining

PROJECT No.: _____

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

FILE No. 475

DATE: Aug 30 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380565	2	15		98			•					•
66	2	24		110			•					•
67	1	17	✓	67			•					•
68	2	15	✓	62			•					•
69	2	18	✓	64			•					•
70	5	70	✓	69			•					•
71	2	25		73			•					•
72	3	15	✓	65			•					•
73	3	17	✓	80			•					•
74	5	23		80			•					•
75	8	27	✓	98			•					•
76	4	19	✓	95			•					•
77	3	17	✓	104			•					•
78	6	30	✓	80			•					•
79	2	21	✓	80			•					•
80	4	21	✓	85			•					•
81	4	15	✓	103			•					•
82	5	29	✓	205			•					•
83	3	18	✓	124			•					•
84	4	19	✓	121			•					•
85	2	33	✓	57			•					•
86	2	23	✓	43			•					•
87	1	20	✓	40			•					•
88	2	15		46			•					•
89	2	16	✓	49			•					•
90	3	21	✓	52			•					•
91	3	22	✓	63			•					•
92	2	20	✓	60			•					•
93	1	25	✓	76			•					•
380594	5	27	✓	57			•					•

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COMPANY: el Paso Mining

PROJECT No.:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

File No. 475

DATE: Aug 30 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380595	2	22	✓	101			•					•
96	3	25	✓	96			•					•
97	7	21	✓	170			•					•
98	6	17	✓	69			•					•
99	12	21	✓	120			•					•
600	2	25	✓	65			•					•
01	2	22	✓	92			•					•
02	2	21	✓	72			•					•
03	2	18	✓	80			•					•
04	3	21	✓	90			•					•
05	2	14	✓	66			•					•
06	2	11	✓	64			•					•
07	2	9	✓	80			•					•
08	2	13	✓	96			•					•
09	2	40	✓	117			•					•
10	2	13	✓	89			•					•
11	2	38	✓	108			•					•
12	1	17	✓	66			•					•
13	2	21	✓	165			•					•
14	1	15	✓	795			•					•
15	3	41	✓	88			•					•
16	3	15	✓	45			•					•
17	7	28	✓	68			•					•
18	16	41	✓	65			•					•
19	49	64	✓	55			•					•
20	24	28	✓	59			•					•
21	24	59		136			•					•
22	13	40	✓	75			•					•
23	16	37	✓	76			•					•
380624	13	33	✓	57			•					•

CERTIFIED BY A. Plant

COMPANY: El Paso Mining

PROJECT No.:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

Fl. No. 475

DATE: Aug 30 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380625	31	67	✓	90			•					•
26	52	315	✓	116			•					•
27	16	34	✓	50			•					•
28	19	34	✓	61			•					•
29	10	37	✓	62			•					•
30	8	77	✓	73			•					•
31	10	176	✓	104			•					•
32	9	67		48			•					•
33	20	152		97			•					•
34	12	36		43			•					•
35	10	37		54			•					•
36	17	85		49			•					•
37	18	104		81			•					•
38	18	63		71			•					•
39	17	36		83			•					•
40	20	59		86			•					•
41	23	63		81			•					•
42	27	144		158			•					•
43	17	70		59			•					•
44	10	18		44			•					•
45	32	52		111			•					•
46	6	21		54			•					•
47	42	49		86			•					•
48	15	54	✓	90			•					•
49	14	27	✓	53			•					•
50	20	103	✓	131			•					•
51	16	30		30			•					•
52	38	220	✓	158			•					•
53	43	60	✓	99			•					•
380654	32	126	✓	99			•					•

CERTIFIED BY A. Hanks

COMPANY El Paso Mining

PROJECT No.: _____

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

No. 475

DATE: Aug 30 1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
380655	33	132	✓	111			•					•
56	22	41	✓	50			•					•
57	14	56	✓	49			•					•
58	15	180	✓	59			•					•
59	9	97	✓	57			•					•
60	7	33	✓	60			•					•
61	32	615	✓	220			•					•
62	16	84	✓	58			•					•
380663	4	31	✓	114			•					•
380664	4	21		72			•					•
380665	4	22		78			•					•

CERTIFIED BY A. Panke

A P P E N D I X C

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Victor Ryback-Hardy of Vancouver, in the Province of British Columbia, hereby certify that:

1. I am a geologist, residing at - #501 - 4676 Yew Street, Vancouver, B.C.

2. I graduated from The University of British Columbia in 1970 with a Batchelor of Applied Science, Geological Engineering degree.

3. I am a member of the Association of Professional Engineers of the Province of British Columbia (1973).

4. I am a member of the Canadian Institute of Mining and Metallurgy.

5. I have practiced my profession as a geologist for four years in British Columbia.

6. The present report is based on work performed on the WHAT GROUP of Claims - between June 29th and July 6th, 1973 and between August 3rd and August 19th, 1973

7. The fieldwork was performed and the report written as a part of my employment by EL PASO MINING AND MILLING COMPANY

90-E 92-E 94-E 96-E 98-E B.L. 100-E 102-E 104-E 106-E 108-E 110-E 112-E 114-E

500-N 498-N 496-N 494-N 492-N 490-N 488-N 486-N 484-N 482-N 480-N 478-N 476-N 474-N 472-N 470-N 468-N 466-N 464-N 462-N 460-N 458-N

GREY MONZONITE DYKE CUTS FOLIATED BIOTE GRANODIORITE

SCHIST AND QUARTZITE INCLUSION

OLD IRON PIN

APLITE

PHYLLITE

WHAT 2 WHAT 1

APLITE VEINING

ANDESITE DYKE

SCATTERED OUTCROP FOLIATED BIOTITE GRANODIORITE

ANDESITE DYKE

DACITE PORPHYRY

FOLIATED BIOTITE GRANODIORITE

EAST TRIBUTARY OF JULIET CREEK

FOLIATED BIOTITE GRANODIORITE

BIOTITE GRANODIORITE

FOLIATED BIOTITE GRANODIORITE

ANDESITE DYKE

FOLIATED BIOTITE GRANODIORITE

DACITIC PORPHYRY

WHAT 2 WHAT 1 WHAT 4 WHAT 3

ANDESITE FLOAT

BIOTITE GRANODIORITE

FOLIATED BIOTITE GRANODIORITE

FOLIATED BIOTITE GRANODIORITE

ANDESITE DYKE (RUBBLE)

WEAKLY FOLIATED BIOTITE GRANODIORITE

ANDESITE DYKE

RUBBLE NON FOLIATED BIOTITE GRANODIORITE

WHAT 4 WHAT 3 WHAT 6 WHAT 5

WEAKLY FOLIATED BIOTITE GRANODIORITE

ANDESITE DYKE

APLITE

APLITE

MEDIUM GRAINED FOLIATED GRANODIORITE QUARTZ VEINING

BIOTITE GRANODIORITE

QUARTZ DIORITE (FINER GRAINED GRANODIORITE) NON FOLIATED

PIECES OF FINE GRAINED QUARTZ EYE PORPHYRY RUBBLE NON FOLIATED GRANODIORITE ! SOME FINE GRAINED QUARTZ DIORITIC PORPHYRY WITH ROUNDED QUARTZ EYES, FEW SPECKS OF PYRITE

VERY WEAKLY FOLIATED BIOTITE GRANODIORITE

VERY MINOR CALCO-PYRITE ALONG FRACTURES

SALT AND PEPPER DIORITE

APLITE

QUARTZ VEINING

BIOTITE-QUARTZ PHYLLITE ? WITH ABUNDANT PYRITE

K. SPAR (FINE GRAINED MONZONITE)

WEATHERED PYRITE-QUARTZ VEINING, FOLIATION PARALLEL TO VEINING

K SPAR

QUARTZ DIORITE

COARSE BIOTITE

ANDESITE DYKE AND CHLORITIC SCHIST/PHYLLITE

ANDESITE TUFF

K-SPAR

INCLUSIONS OF PHYLLITE ? IN BIOTITE GRANODIORITE

BIOTITE GRAN. NON FOL? WITH CLASTS OF OLDER ? PHYLLITE (INCLUSIONS)

WEAKLY FOLIATED MEDIUM GRAINED BIOTITE GRANODIORITE, FEW SPECKS OF PYRITE

MINERALIZATION IN QUARTZ STRINGERS

CALCO PYRITE MAL MO S_2 ? IN FLOAT

MEDIUM GRAINED NON FOLIATED WITH INCLUSIONS OF PHYLLITE ? GRANODIORITE LESS BIOTITE SOME HORNBLENDE

SALT AND PEPPER TEXTURE

PIE 3 PIE 4 PIE 1 PIE 2

BEDDED ANDESITE TUFF (LIGHT GREY QUARTZ FELDSPAR PORPHYRY ALTERATION)

NON FOLIATED QUARTZ DIORITE

SALT & PEPPER TEXTURE

LEGEND

EAGLE GRANODIORITE
FOLIATED BIOTITE GRANODIORITE (QUARTZ DIORITE IN COMPOSITION)
MEDIUM GRAINED LEUCOCRATIC HYPIDIOMORPHIC GRANULE

QUARTZ DIORITE - FINE GRAINED, NON-FOLIATED IN HAND SPECIMEN, WITH HORNBLENDE

APLITE - PINK TO WHITE VERY FINE GRAINED.

PHYLLITE - BROWN TO BLACK FINE GRAINED SCHISTOSE.

ANDESITE DYKE

DACITE PORPHYRY

ANDESITE TUFF-BEDDED PROBABLY INCLUSIONS OF NICOLA GROUP VOLCANICS.

MINERALIZATION - CPY, PY, MO S_2.

SYMBOLS

90° FOLIATION

45° TREND OF DYKE WITH DIP

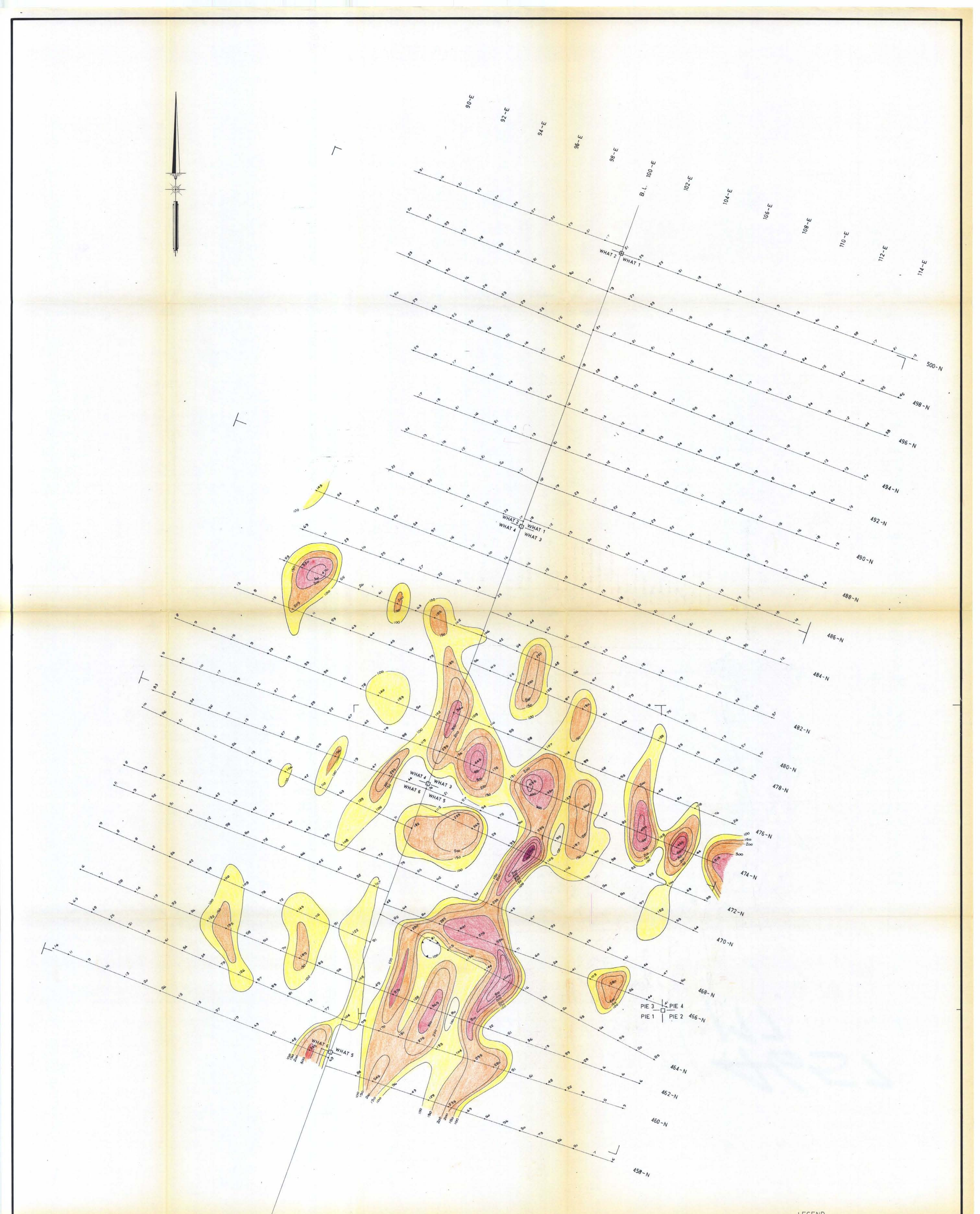
70° FRACTURE

4657
M6

EL PASO MINING AND MILLING COMPANY
DEL NORTE MINING GROUP

GEOLOGY
WHAT MINERAL CLAIM GROUP
NICOLA. M.D.
BRITISH COLUMBIA

DRAWN BY	P.V.	DATE	SEPT. 1973	SCALE 1" = 200'
TRACED BY		DATE		
REVISED	DATE	REVISED	DATE	DRAWING No. 92-H-11- A 2



4657
M7

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4657 MAP #7

EL PASO MINING AND MILLING COMPANY
DEL NORTE MINING GROUP

GEOCHEMICAL SOILS
COPPER IN P.P.M.
WHAT MINERAL CLAIM GROUP
NICOLA M.D., BRITISH COLUMBIA

DRAWN BY	P.V.	DATE	SEPT. 1973
TRACED BY		DATE	
REVISED	DATE	REVISED	DATE

SCALE 1" = 200'

DRAWING NO. 92-H-11- A 3

90-E
92-E
94-E
96-E
98-E
B.L. 100-E
102-E
104-E
106-E
108-E
110-E
112-E
114-E

500-N
498-N
496-N
494-N
492-N
490-N
488-N
486-N
484-N
482-N
480-N
478-N
476-N
474-N
472-N
470-N
468-N
466-N
464-N
462-N
460-N
458-N

WHAT 2 | WHAT 1
WHAT 4 | WHAT 3
WHAT 6 | WHAT 5
PIE 3 | PIE 4
PIE 1 | PIE 2

LEGEND

CONTOUR INTERVAL 20 P.P.M.
BACKGROUND 20 P.P.M.

- POSSIBLY ANOMALOUS 20 - 40 P.P.M.
- PROBABLY ANOMALOUS 40 - 60 P.P.M.
- DEFINITELY ANOMALOUS > 60 P.P.M.

4657
M8

EL PASO MINING AND MILLING COMPANY
DEL NORTE MINING GROUP

GEOCHEMICAL SOILS
MOLYBDENUM IN P.P.M.
WHAT MINERAL CLAIM GROUP
NICOLA M.D., BRITISH COLUMBIA

DRAWN BY	P.V.	DATE	SEPT. 1973	SCALE	1" = 200'
TRACED BY		DATE			
REVISED	DATE	REVISED	DATE	DRAWING No.	92-H-11- A 4