

4740

GEOCHEMICAL AND GEOPHYSICAL REPORT

82L/1W

ON THE

D O N A GROUP OF CLAIMS

KEEFER LAKE AREA, B.C.

LOCATED: 3 MILES WEST-NORTHWEST OF KEEFER LAKE
(50° 08' N. 118° 24' W)

VERNON M. D., B. C.

BY

V. RYBACK-HARDY, P. ENG.

EL PASO MINING AND MILLING COMPANY

NOVEMBER 21, 1973

Department of Mines and Petroleum Resources ASSESSMENT REPORT NO. 4740 MAP.....

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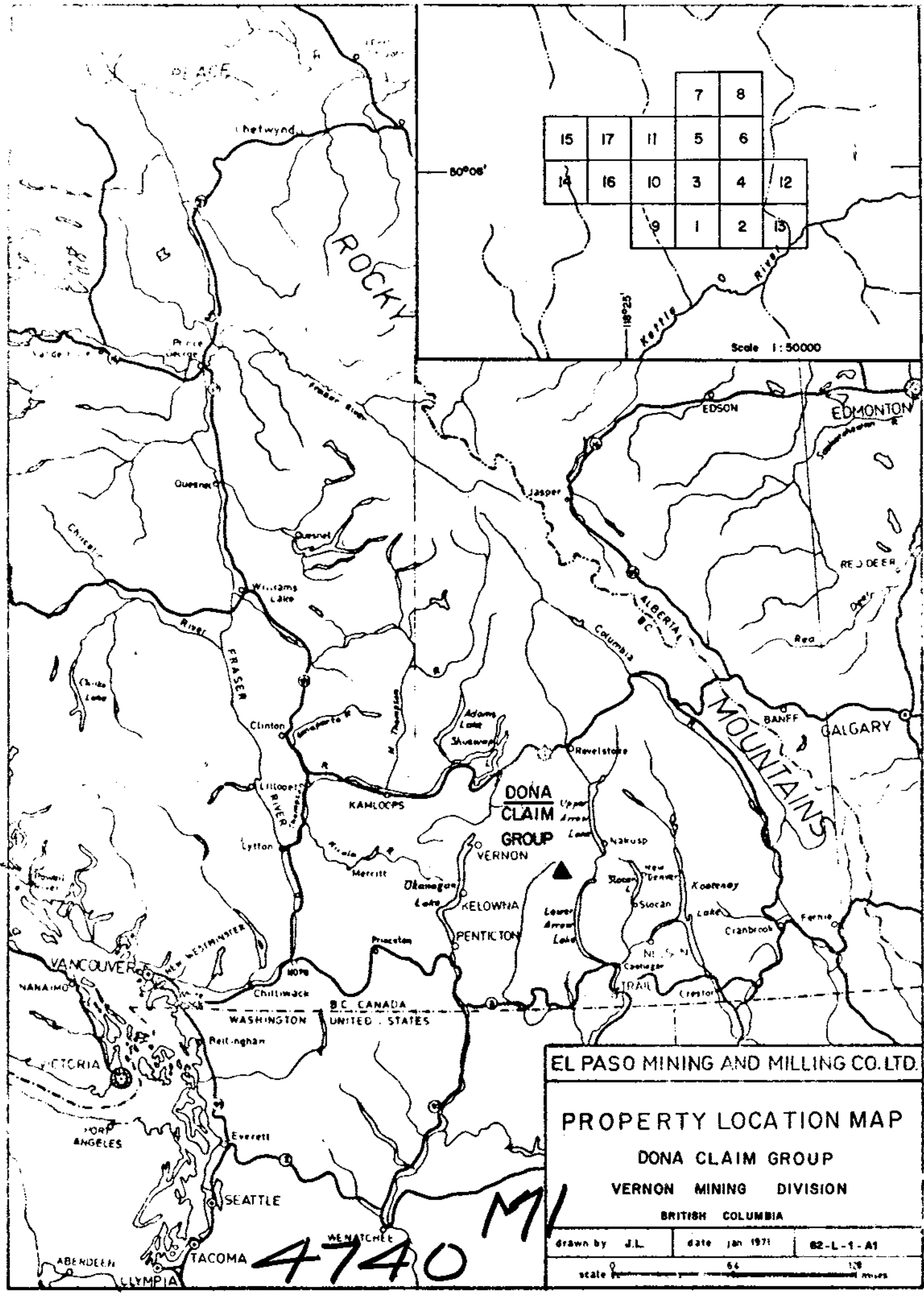
SUMMARY

From September 18th to October 25th, 1973, a crew of three men conducted a detailed geochemical and VLF-EM Survey across the DONA 1 - 8 claims for El Paso Mining and Milling Company. The Claims are in the Vernon Mining Division near the headwaters of the Kettle River.

Results from the surveys indicate a strong arsenic soil anomaly trending N50W along a strike length of 4000 feet and varying in width from 200' to 600 feet. The lead and silver assays outline coincident anomalies which are, however, much more restricted in size.

A VLF-EM Survey conducted in conjunction with the geochemical survey outlined an arcuate conductive zone associated with the soil anomaly but displaced slightly to the east.

A program of trenching and diamond drilling is strongly recommended.



			7	8	
15	17	11	5	6	
14	16	10	3	4	12
		9	1	2	13

Scale 1:50000

EL PASO MINING AND MILLING CO. LTD.

PROPERTY LOCATION MAP

DONA CLAIM GROUP

VERNON MINING DIVISION

BRITISH COLUMBIA

drawn by J.L.	date Jan 1971	62-L-1-A1
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scale 0 50 100 miles

4740 MI

INTRODUCTION

From September 18th to October 25th, 1973 a crew of three (one geologist and two field assistants) conducted a geochemical soil survey and an EM-16 survey over the Dona 1 - 8 claims. The Dona property is located roughly 35 miles east-southeast of Lumby, B.C., at the headwaters of the Kettle River. Access is by Highway No. 6, east from Lumby to the Keefer Lake turnoff and then 6.5 miles via this dirt road to the Yeoward Mountain forestry access road.

Dona 1 - 11 Claims were staked by G. Warren and W. J. MacKenzie on July 27th, 1973 as a result of regional prospecting and silt sampling. Dona 12 to 17 were staked by V. Ryback-Hardy on September 28, 1973. The claims are presently owned by El Paso Mining and Milling Company.

The claims lie in a burned-over creek basin between 4000 and 4400 feet above sea level. Slopes are gentle to moderately steep and are covered with considerable "second growth". The timber in the unburned areas consists mainly of cedar and spruce. Drainage is good and all creeks eventually flow into the Kettle River.

FIELDWORK

During September and October a geologist and two field assistants spent a total of 24 days completing a detailed geochemical survey and an EM-16 survey on the Dona 1 to 8 claims.

A 6000-foot baseline was run in a northerly direction along the location line of Dona 1 to 8. Stations were established at 200-foot intervals. From these stations, cross-lines were run at right angles for a distance of 1500' both east and west of the baseline. Soil samples were collected at 100-foot intervals and EM-16 readings were taken at 50-foot intervals along these cross-lines. A smaller area extending four hundred feet on each side of the common post for Dona 3, 4, 5, and 6 was covered in greater detail at 100-foot line spacing and 50-foot soil sample spacing.

The grid was established with a "Sylva" compass and a "Topochaix" (a device which measures a length of thread unreeling from an odometer, thus measuring a distance covered). Each sample location was labelled with a blue vinyl flag.

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

GEOLOGY

Outcrops are very scarce on the property and consist of bedded argillite and quartzite of the Permian Cache Creek Group. Beds strike west to west-northwest and dip 20° - 30° to the south.

GEOCHEMICAL RESULTS

Seven hundred and eighty-eight samples were collected and analyzed as follows:

The samples were dried and sieved. A one gram portion of the -80 mesh fraction of each sample was allowed to react with 2ml of concentrated nitric acid (HNO₃) for one half hour. Then 5ml of perchloric acid (HClO₄) 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 analyzed for arsenic, lead and silver by the atomic absorption method by Min-En Laboratories Ltd.

705 West 15th Street,
North Vancouver, B.C.

The metal values in the soils, in parts per million, were plotted on a frequency histogram and a cumulative percent frequency was plotted on log probability paper. In regard to arsenic, there is a break in slope in the cumulative frequency plot at 150 ppm. This value is chosen as the threshold. A second break occurs at 350 ppm. Values above 350 ppm are considered anomalous. Background at the 50.00 percentile is 38 ppm. With respect to lead in soils, a distinct break in slope of the cumulative percent frequency occurs at 26.7 ppm and

a second break occurs at 80 ppm, the threshold and anomalous value, respectively. Below the 98.0 percentile, the silver values plot as a straight line indicating that the values have a near normal distribution. For such a distribution, the mean (μ) and the mean plus one standard deviation ($\mu+d$) occur at the 50.00 percentile and the 84.13 percentile respectively. The following values for silver were determined:

$(\mu+d) <$ possibly anomalous $< (\mu+2d) = 2.65$ to 3.40 ppm
 $(\mu+2d) <$ probably anomalous $< (\mu+4d) = 3.40$ to 4.90 ppm
 $> \mu+4d =$ definitely anomalous > 4.90 ppm

The metal values were plotted on the grid plan and contoured as outlined above at a scale of $1'' = 200'$. The contoured plot of arsenic values outline a strong anomaly trending $N50^{\circ}W$ and varying in width from 200 to 600 feet. The anomaly extends from the northwest corner of Dona #4 through the common post of Dona 3, 4, 5 and 6, and up to the west edge of Dona #7, a distance of 4000 feet. Coincident anomalies are defined by the silver and lead plots; however, the anomalous areas of these metals are much more restricted in extent.

GEOPHYSICS

A VLF Em-16 survey was carried out in conjunction with the geochemical survey. A simplified discussion of VLF electromagnetic surveying is as follows:

The VLF-transmitting stations (N.P.G. Seattle, Washington) operating for communication with submarines have a vertical antenna. The antenna current is thus vertical, creating

a concentric horizontal oscillating magnetic primary field around the stations. When these magnetic fields encounter conductive bodies, secondary fields are set up around the conductors by induction.

The EM-16 instrument measures the vertical component or resultant of these secondary fields. When the plane of the search coil is in the same direction as the magnetic vector of the resultant field, there will be a null (or minimum) in the radio signal. The inclination of the magnetic vector at any point is measured as a percentage of the slope by a clinometer attached to the instrument. The inclination of the field is a measure of the conductivity of the ground beneath. The inclination or dip angle is recorded on a field-sheet to facilitate computation of the filtered dip angle. The filtering technique is such that the sum of two adjacent readings (M_3 and M_4) is subtracted from the sum of the previous two adjacent readings (M_1 and M_2) with the filtered value plotted midway between the M_2 and M_3 stations. Filtered dip angle = $(M_1 + M_2) - (M_3 + M_4)$.

This filtering technique minimizes "noise" caused by near-surface features such as changes in topography, creeks and shallow fractures and shears in bedrock.

The filtered readings were plotted and contoured. A tri-lobed, slightly arcuate conductor, which is fairly coincident with the

arsenic soil anomaly was outlined. The widest lobe is furthest west and is displaced to the east of the higher arsenic values. A more restricted, but stronger anomaly trending N15°W cuts through Dona #1 and Dona #3. This may reflect the drainage pattern indicated on the plan. There is, however, a weak arsenic geochemical response from this area. Strong conductors are associated with the main creek at the east edge of the grid. This prominent creek valley may be the trace of a strong northerly trending fault system.

CONCLUSIONS AND RECOMMENDATIONS

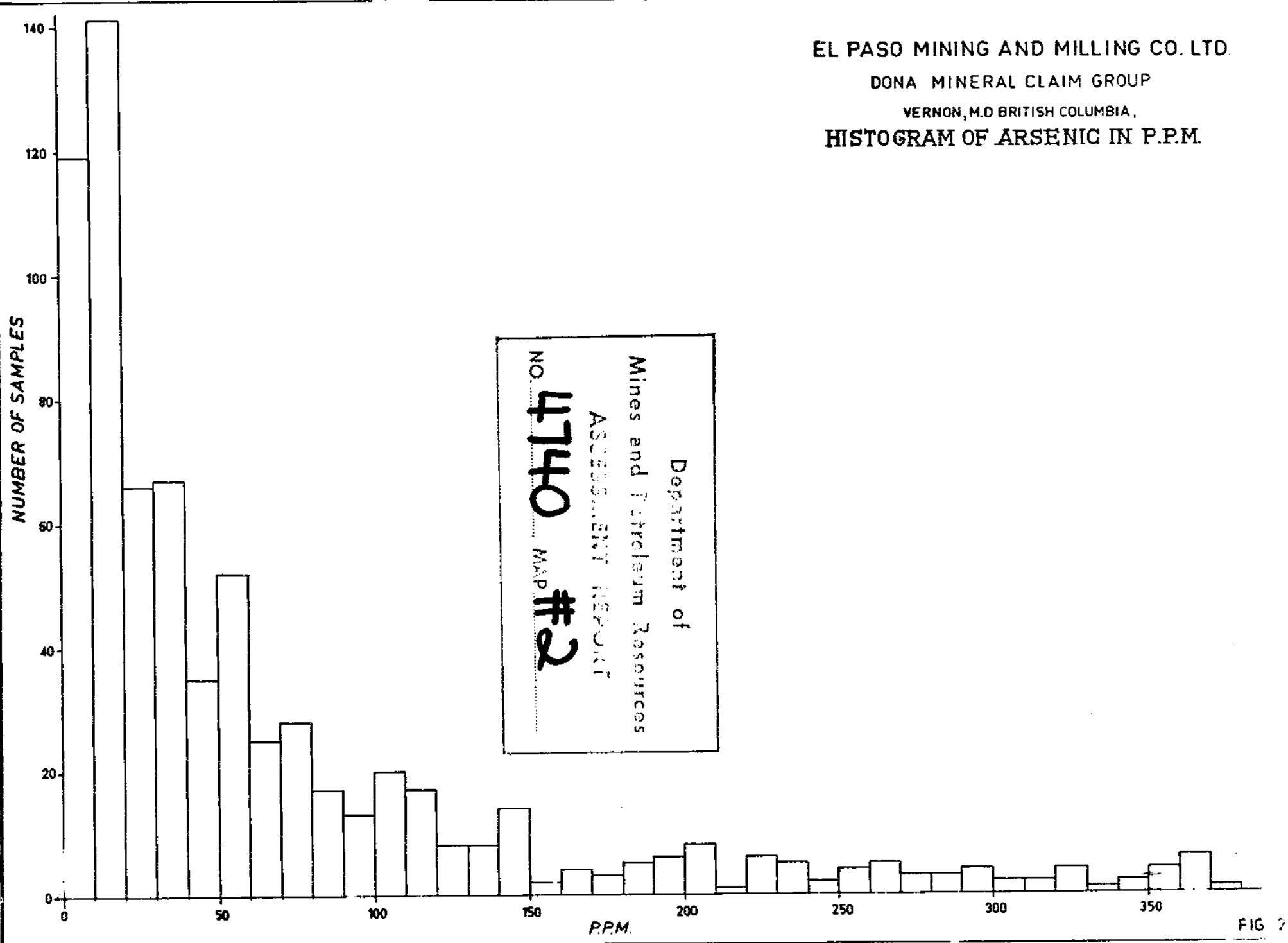
A zone of highly anomalous arsenic values in soils exists on the Dona 4, 5 and 7 claims. This zone varies in width from 200 to 600 feet and extends at least 4000 feet along a strike of N50°W. The arsenic anomaly is coincident with the lead and silver soil anomalies although the latter are much more restricted in size. The arsenic soil anomaly is associated with a moderately strong conductor, displaced slightly to the east, as outlined by VLF-EM survey.

As a result, a program of trenching and diamond drilling is strongly recommended.

Venter Ryback Hardy, P. Eng.

Vancouver, B.C.
November 21, 1973

EL PASO MINING AND MILLING CO. LTD.
DONA MINERAL CLAIM GROUP
VERNON, M.D BRITISH COLUMBIA,
HISTOGRAM OF ARSENIC IN P.P.M.



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4740 MAP #2

FIG 2

EL PASO MINING AND MILLING CO. LTD.

DONA MINERAL CLAIM GROUP

VERNON MD BRITISH COLUMBIA

HISTOGRAM OF SILVER IN P.P.M.

NUMBER OF SAMPLES

160
140
120
100
80
60
40
20

Percentage of
Mineral and Metallurgical Resources
Available for Development
NO. 4740 MAP #3

1.5 8 11 27 41 53 56 59 62 45 48 51 54 57 60 63 66

P.P.M

EL PASO MINING AND MILLING CO. LTD.

DONA MINERAL CLAIM GROUP

VERNON, M.D. BRITISH COLUMBIA

HISTOGRAM OF LEAD IN PPM.

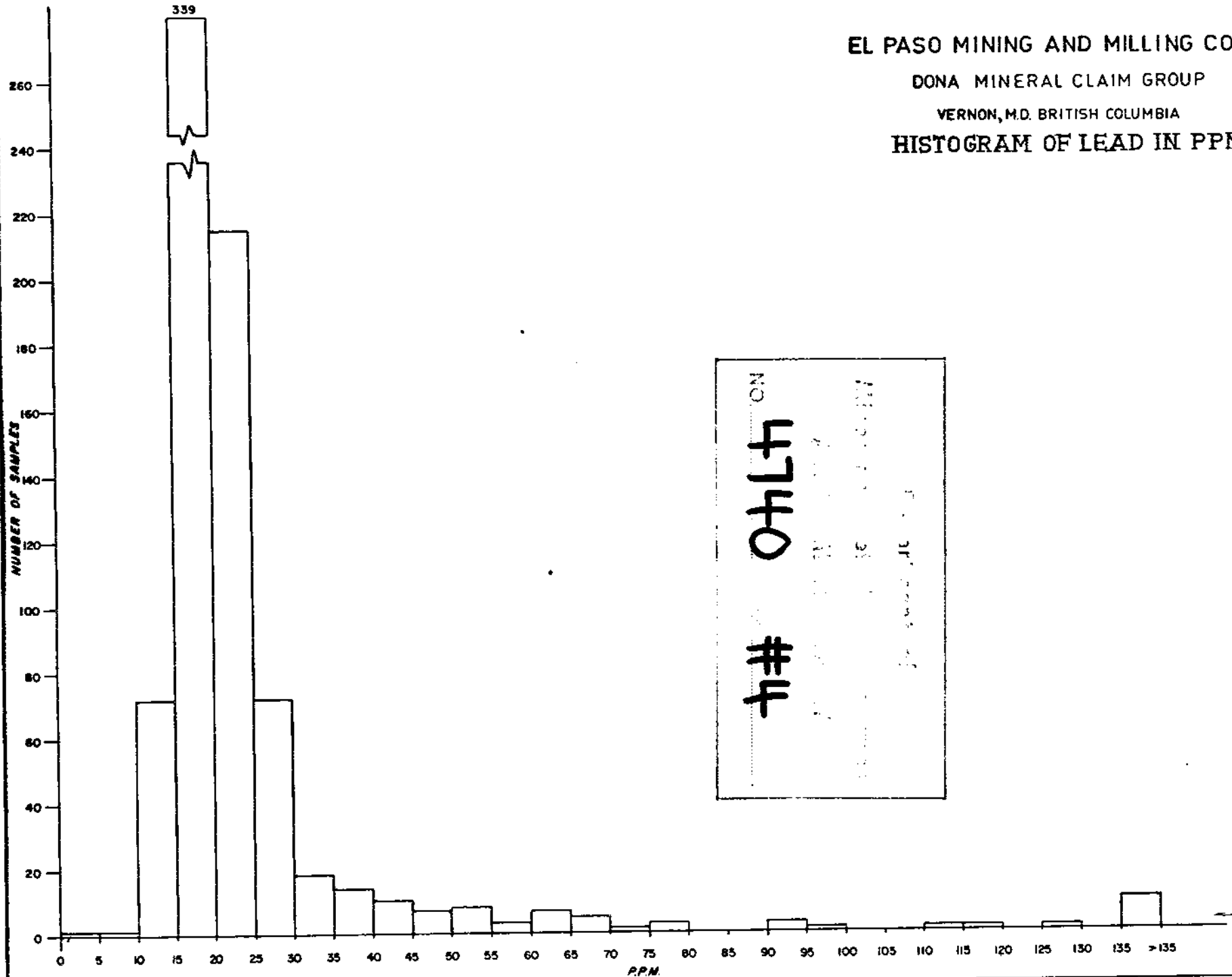
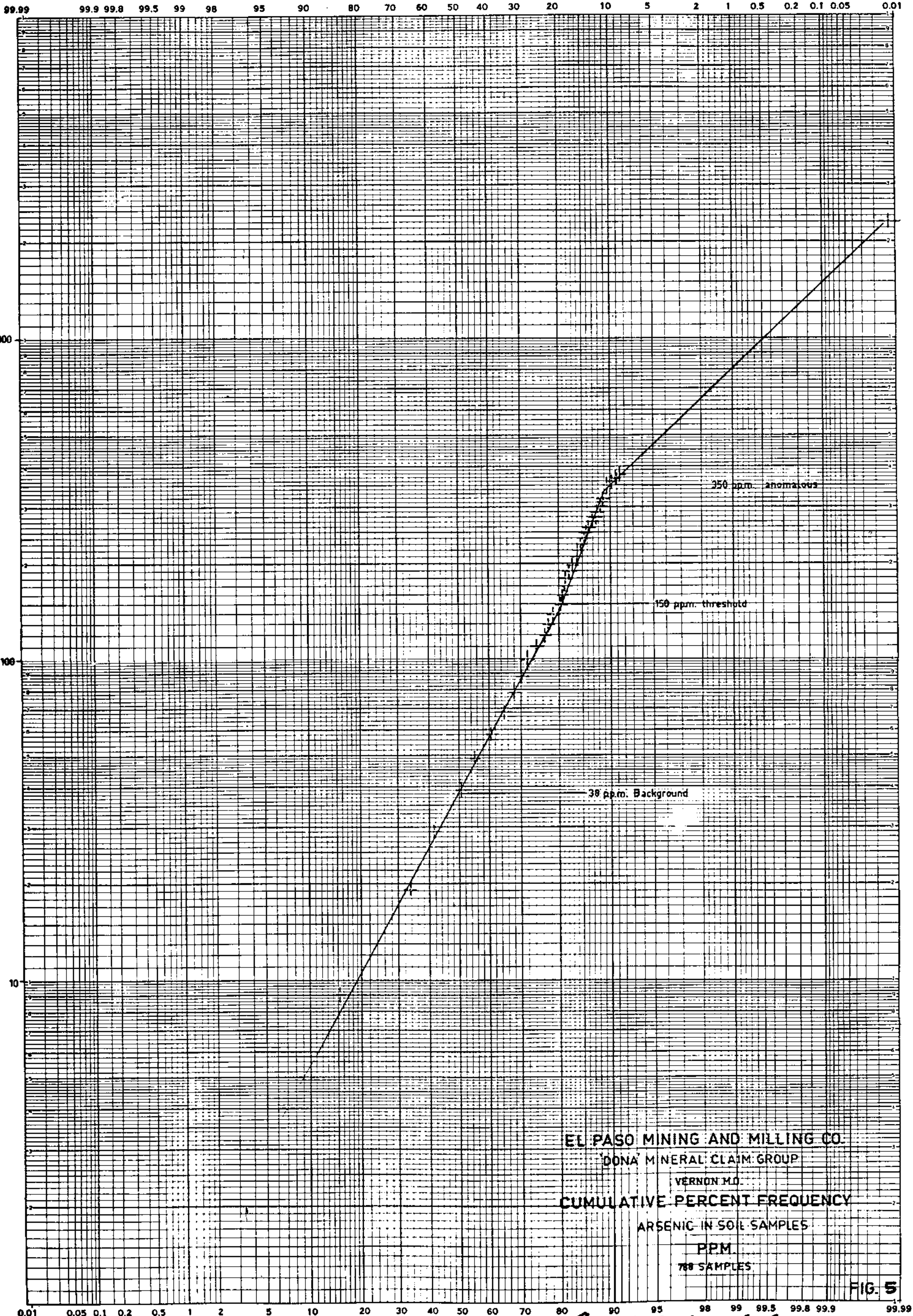


FIG. 4



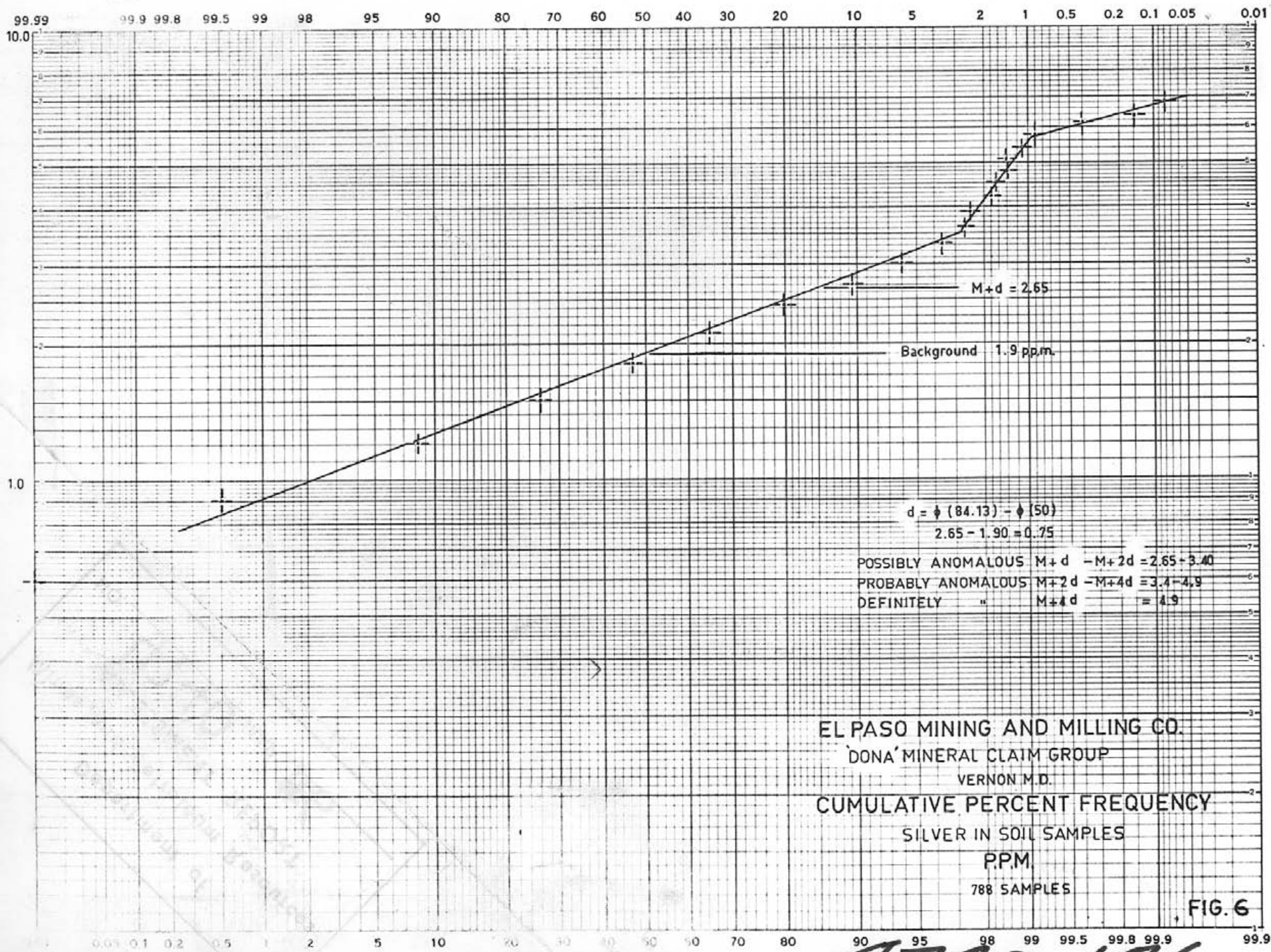
G 8-24
LOGARITHMIC PROBABILITY
MADE IN CANADA



-12-

4740 M5

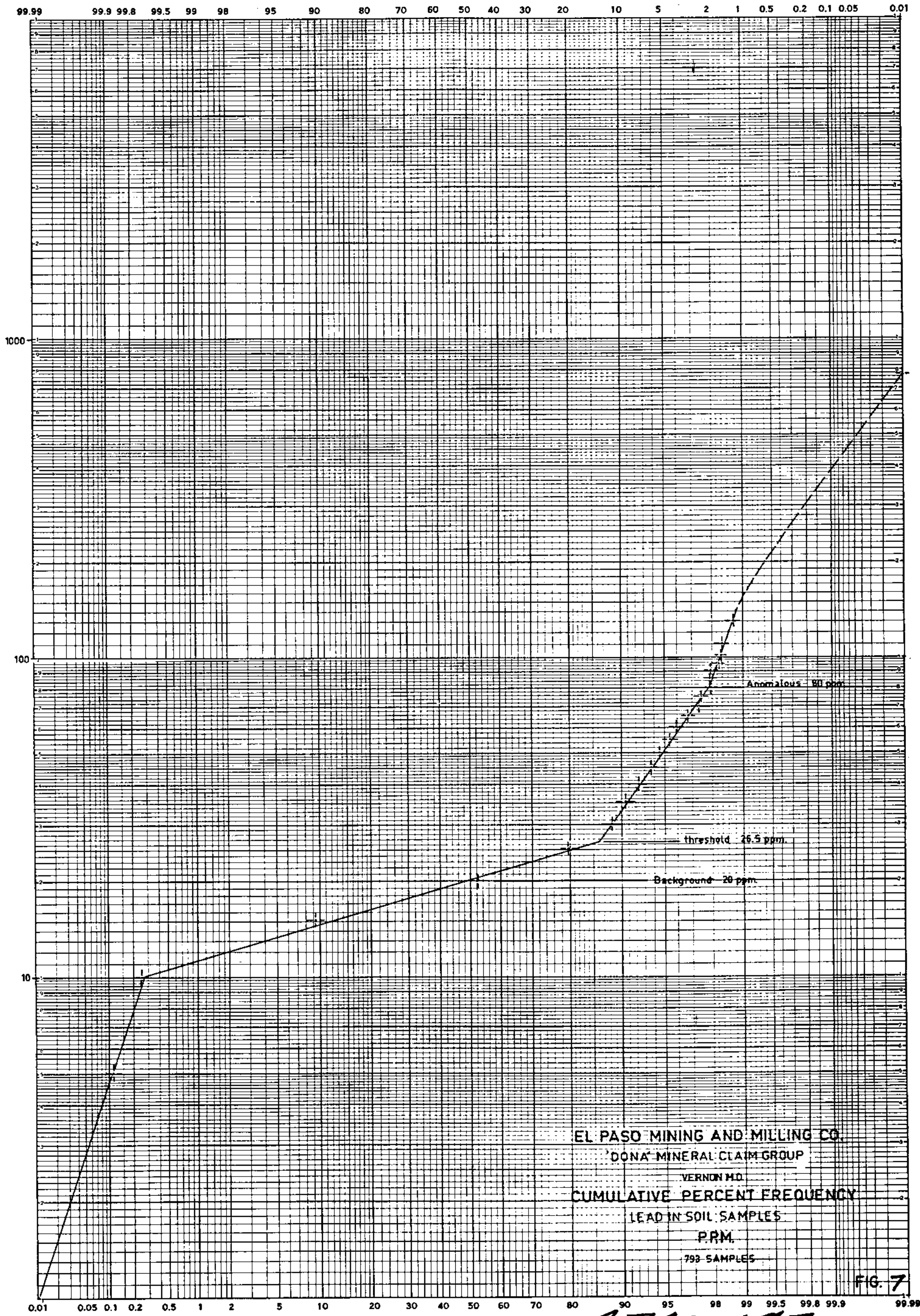
FIG. 5



EL PASO MINING AND MILLING CO.
DONA' MINERAL CLAIM GROUP
VERNON M.D.
CUMULATIVE PERCENT FREQUENCY
SILVER IN SOIL SAMPLES
PPM
788 SAMPLES

FIG. 6

4740 M16



EL PASO MINING AND MILLING CO.
 DONA MINERAL CLAIM GROUP
 VERNON MO.
 CUMULATIVE PERCENT FREQUENCY
 LEAD IN SOIL SAMPLES
 P.P.M.
 793 SAMPLES

FIG. 7

A740 M7

A P P E N D I X "A"

GEOCHEMICAL ASSAYS

COMPANY El Paso Mining
 PROJECT No 186-2603 (Dona)

GEOCHEMICAL ANALYSIS DATA SHEET
 MIN - EN Laboratories Ltd.

580
 DATE Oct 17
1973.

Sample Number	6 Mc ppm	10 Cu ppm	15 Pb ppm	20 Zn ppm	25 Ni ppm	30 Co ppm	35 Ag ppm	40 Fe ppm	45 Hg ppb	50 As ppm	55 Mn ppm	60 Al ppm
81	86	90	95	100	105	110	115	120	125	130	135	140
381000			19				16			75		
01			22				14			63		
02			21				14			66		
03			22				17			352		
04			21				13			248		
05			28				20			262		
06			27				11			142		
07			26				21			258		
08			24				18			112		
09			30				14			49		
10			24				18			108		
11			31				15			66		
12			51				24			136		
13	125M	102E	169				31			210		
14			29				15			182		
15			38				18			326		
16			62				19			510		
17			17				12			102		
18			15				12			74		
19			17				12			62		
20			20				11			90		
21			25				13			112		
22			18				11			78		
23			18				15			74		
24			30				19			200		
96 25			14				13			78		
26			17				11			92		
27			22				11			124		
28			40				12			134		
381029			22				12			90		

CERTIFIED BY Libert V. Hernandez

El Paso Mining
186-2603 (Dona)

GEOCHEMICAL ANALYSIS DATA SHEET
MIN EN Laboratories Ltd.

580

Oct 17
1973.

	95	100	105	110	115	120	125	130	135	140	145	150	155
381030		16				1.1			106		.		
31		15				0.9			78		.		
32		15				1.1			90		.		
33		15				1.0			49		.		
34		26				1.5			140		.		
35		21				1.4			296		.		
36		19				1.3			272		.		
37	26N 101-2	390				5.7			1550		.		
38	1-2 F	385				5.9			725		.		
39	101-2	62				2.1			206		.		
40		44				2.1			264		.		
41		34				2.2			1500		.		
42		38				1.5			1400		.		
43		38				1.4			382		.		
44		40				2.6			1100		.		
45		34				2.8			108		.		
46		58				2.6			376		.		
47		34				1.7			390		.		
48		25				1.9			280		.		
49	12-27 101-2	210				3.4			350		.		
50		21				1.3			368		.		
51		98				1.9			850		.		
52		770				6.0			800		.		
53		59				3.0			520		.		
54		16				4.3			26		.		
55		15				1.4			102		.		
56		18				1.5			43		.		
57		20				1.4			58		.		
58		18				1.7			106		.		
		14				1.3			74		.		

CERTIFIED BY

Silvestre Hernandez

- 17 -

COMP

El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

No. 580

PROJECT NO:

186-2603 (Dona)

MIN - EN Laboratories Ltd.

DATE: Oct 17

1973.

80	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
Fe	Mn	Cu	Pb	Zn	Ni	Co	Ag	Fe	Hg	As	Mn	Au			
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm			
381060			16				12			96		.			
61			19				16			272		.			
62			15				17			140		.			
63			15				15			114		.			
64			16				14			80		.			
65			17				1.3			64		.			
66			14				1.3			108		.			
67			16				1.4			130		.			
68			25				1.7			850		.			
69			27				3.1			700		.			
70			117				2.7			2020		.			
71			33				1.9			1000		.			
72			30				2.6			620		.			
73			13				1.1			910		.			
74			54				3.6			350		.			
75			21				1.4			262		.			
76			17				1.6			108		.			
77			31				1.8			302		.			
78			94				1.8			880		.			
79			55				1.8			880		.			
80			128				1.7			470		.			
81			425				6.3			1700		.			
82			58				3.0			910		.			
83			66				1.8			920		.			
84			62				2.0			650		.			
85			27				1.4			560		.			
86			26				1.6			200		.			
87			21				1.9			160		.			
88			18				1.5			30		.			
381089			18				1.3			80		.			

CERTIFIED BY

Gilbert V. Hernandez

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
6	10	15	20	25	30	35	40	45	50	55	60	65
81	86	90	95	100	105	110	115	120	125	130	135	140
381090			35				1.6			110		.
91			19				1.4			510		.
92			22				1.9			230		.
93			20				1.6			170		.
94			16				1.1			140		.
95			18				1.2			295		.
96			15				1.2			50		.
97			14				1.8			80		.
98			16				1.6			220		.
99			24				2.2			195		.
100			28				2.0			250		.
01			24				2.3			360		.
02			49				1.7			880		.
03			46				3.3			340		.
04			76				2.3			620		.
05			45				1.9			900		.
06			34				2.0			560		.
07			41				2.2			540		.
08			112				3.1			540		.
09			19				1.6			140		.
10			18				1.8			200		.
11			15				1.7			200		.
12			18				1.4			100		.
13			37				2.3			200		.
14			37				1.7			360		.
15			21				1.4			295		.
16			21				1.6			280		.
17			840				60			740		.
18			70				27			790		.
381119			425				40			1280		.

CERTIFIED BY Gilbert V. Hernandez

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				
6	10	15	20	25	30	35	40	45	50	55	60	65				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
381120			22				1.9			195		.				
21			23				1.6			325		.				
22			23				2.2			430		.				
23			29				1.7			325		.				
24			27				1.6			160		.				
25			28				1.8			280		.				
26	13.1	80	50				2.5			850		.				
27	36	6	41				2.7			860		.				
28	130-96	130	80				6.7			1560		.				
29		80	28				1.9			1080		.				
30			15				1.6			220		.				
31			33				2.1			50		.				
32			22				2.0			200		.				
33			18				1.8			360		.				
34			39				2.8			140		.				
35	12		28				2.6			310		.				
36	13		37				2.5			860		.				
37			25				2.1			450		.				
38			36				2.4			360		.				
39			21				2.0			250		.				
40			18				2.4			195		.				
41			44				2.4			170		.				
42			27				2.5			65		.				
43			21				2.4			195		.				
44			13				2.3			30		.				
45			23				2.6			530		.				
46			21				2.5			400		.				
47			30				2.7			200		.				
48			71				2.6			430		.				
381149			77				2.9			530		.				

CERTIFIED BY Jilliet V. Hamonville

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			
81	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155
381150			52				28			360		.			
51			47				40			480		.			
52			24				35			895		.			
53			23				23			110		.			
54			22				24			30		.			
55			24				16			220		.			
56			14				18			100		.			
57			17				11			100		.			
58			33				12			110		.			
59			23				16			110		.			
60			25				13			100		.			
61			17				19			50		.			
62			15				22			30		.			
63			14				40			140		.			
64			18				15			80		.			
65			26				23			15		.			
66			92				18			260		.			
67			13				32			110		.			
68			25				28			80		.			
69			16				15			15		.			
70			20				20			80		.			
71			13				23			30		.			
72			14				14			30		.			
73			22				17			50		.			
74			18				17			50		.			
75			15				13			65		.			
76			20				16			100		.			
77			11				13			50		.			
78			13				16			100		.			
381179			13				14			15		.			

V.P. CERTIFIED BY Gilbert V. Hamonick

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					
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160		
381180			13				1.4			40		.					
81			12				1.6			115		.					
82			21				1.9			70		.					
83			23				2.0			130		.					
84			23				1.5			160		.					
85			22				1.8			125		.					
86			18				2.0			75		.					
87			16				2.4			70		.					
88			18				1.5			95		.					
89			16				1.6			110		.					
90			20				1.3			50		.					
91			17				1.5			110		.					
92			13				1.2			40		.					
93			19				1.7			50		.					
94			17				1.6			35		.					
95			16				1.3			75		.					
96			13				1.6			35		.					
97			19				1.7			35		.					
98			16				1.3			15		.					
99			16				1.4			35		.					
200			17				1.3			65		.					
01			20				1.6			40		.					
02			15				1.4			50		.					
03			18				2.7			84		.					
04			20				2.0			50		.					
05			22				2.0			46		.					
06			21				1.8			84		.					
07			31				1.5			112		.					
08			19				1.7			112		.					
381209			28				1.7			68		.					

RECEIVED
 OCT 23 1973
 El Paso Mining & Milling Co.

CERTIFIED BY Gilbert V. Hernandez

Sample Number	6 Me ppm	10 Cu ppm	15 Pb ppm	20 Zn ppm	25 Ni ppm	30 Co ppm	35 Ag ppm	40 Fe ppm	45 Hg ppb	50 As ppm	55 Mn ppm	60 Au ppm	65	70	75	80
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
381210			19				1.6			80		.				
11			17				2.0			43		.				
12			16				2.0			59		.				
13			15				2.2			127		.				
14			13				1.4			46		.				
15			16				1.9			40		.				
16			17				1.3			43		.				
17			14				1.4			31		.				
18			15				1.3			59		.				
19			17				2.0			115		.				
20			15				1.5			115		.				
21			15				1.6			40		.				
22			16				1.7			16		.				
23			20				1.5			43		.				
24			17				4.7			18		.				
25			16				2.7			22		.				
26			23				2.0			52		.				
27			30				2.0			62		.				
28			19				1.7			59		.				
29			30				1.9			182		.				
30			66				2.2			425		.				
31			20				2.0			52		.				
32			16				1.2			43		.				
33			14				1.5			18		.				
34			18				1.7			308		.				
35			27				2.1			64		.				
381236			22				2.0			80		.				
							.					.				
							.					.				
							.					.				

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El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

585

580

PROJECT No: 186 2603 (Data)

MIN - EN Laboratories Ltd.

DATE: Oct 18 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			
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
81	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
381240		47	22				2.1			46		.			
41		36	18				1.4			34		.			
42		47	29				2.7			344		.			
43		33	20				1.7			18		.			
44		34	19				1.8			37		.			
45		49	19				1.7			59		.			
46		59	67				2.3			190		.			
47		101	35				2.8			112		.			
48		60	52				2.3			146		.			
49		72	29				2.9			59		.			
50		47	26				2.4			77		.			
51		39	21				2.4			34		.			
52		45	34				2.0			296		.			
53		48	23				2.6			180		.			
54		48	17				2.2			25		.			
55		42	18				2.9			18		.			
56		51	19				1.3			37		.			
57		74	20				2.0			22		.			
58		47	19				1.8			9		.			
59		44	24				2.7			74		.			
60		36	19				2.3			59		.			
61		66	42				2.3			560		.			
62		90	51				2.3			428		.			
63		39	21				2.4			18		.			
64		41	25				2.9			28		.			
65		32	27				1.8			28		.			
66		48	34				1.8			59		.			
67		57	30				2.1			50		.			
68		90	31				3.1			90		.			
381269		56	22				2.0			68		.			

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El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

NO 585

PROJECT No: 186-2603 (Dona)

MIN - EN Laboratories Ltd.

DATE: Oct 22

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				
81	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165
381270		42	19				19			2.8		.				
71		50	20				1.8			50		.				
72		71	1.8				1.3			50		.				
73		62	1.9				1.1			56		.				
74		95	30				1.5			136		.				
75		56	1.9				1.8			90		.				
76		41	2.1				1.8			59		.				
77		46	2.1				1.4			34		.				
78		47	1.7				1.4			40		.				
79		60	2.0				1.4			52		.				
80		96	2.1				1.7			43		.				
81		112	2.4				2.9			100		.				
82		53	3.5				2.0			52		.				
83		41	1.7				1.5			40		.				
84		23	1.9				1.4			12		.				
85		29	2.0				1.5			22		.				
86		45	2.3				2.0			180		.				
87		57	1.9				2.0			80		.				
88		79	1.7				2.4			64		.				
89		77	2.0				2.3			108		.				
90		46	1.6				1.4			106		.				
91		46	1.8				2.1			59		.				
92		114	2.0				2.6			56		.				
93		92	1.9				2.3			64		.				
94		64	2.3				1.3			64		.				
95		50	2.0				1.4			40		.				
96		68	1.4				1.6			38		.				
97		67	1.9				1.3			38		.				
98		107	1.8				1.6			124		.				
381299		114	1.6				1.6			92		.				

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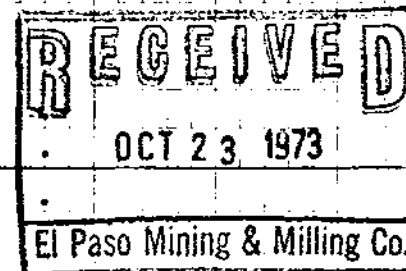
186-2603 (Dona)

MIN - EN Laboratories Ltd.

DATE: Oct 22

1973.

Sample Number	10 V ppm	15 Cu ppm	20 Pb ppm	25 Zn ppm	30 Ni ppm	35 Co ppm	40 Ag ppm	45 Fe ppm	50 Hg ppb	55 As ppm	60 Mn ppm	65 Au ppm	70	75	80
	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
381300		71	30				20			106		.			
01		56	23				15			69		.			
02		missing					.					.			
03		27	18				28			4		.			
04		51	21				25			5		.			
05		30	18				20			5		.			
06		21	19				26			2		.			
07		31	18				21			7		.			
08		31	20				42			11		.			
09		41	21				26			4		.			
10		56	48				24			123		.			
11		98	51				21			261		.			
12		50	63				22			198		.			
13		61	35				26			70		.			
14		47	21				15			45		.			
15		34	20				16			12		.			
16		28	16				16			13		.			
17		35	21				26			7		.			
18		68	20				23			50		.			
19		37	21				19			13		.			
20		56	22				23			25		.			
21		76	24				23			130		.			
22		43	35				23			24		.			
23		37	23				24			5		.			
24		39	21				24			5		.			
25		33	20				14			67		.			
26		126	24				27			117		.			
27		44	24				23			29		.			
28		47	19				22			13		.			
381329		67	20				22			80		.			

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El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

No. 585

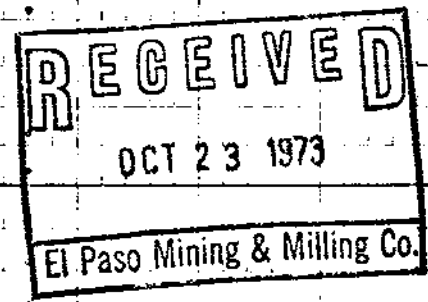
PROJECT NO. 186-2603 (Dona)

MIN - EN Laboratories Ltd.

DATE: Oct 21

1973.

Sample Number	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm				
381330	280	24				21			93		.				
31	66	15				18			19		.				
32	54	19				14			25		.				
33	34	19				10			13		.				
34	51	18				16			9		.				
35	84	17				15			64		.				
36	53	20				14			29		.				
37	40	17				21			13		.				
38	45	18				18			5		.				
39	45	17				13			1		.				
40	33	22				31			2		.				
41	34	17				16			3		.				
42	56	21				21			1		.				
43	42	21				23			1		.				
44	55	22				21			75		.				
45	45	21				27			6		.				
46	28	18				26			6		.				
47	22	18				20			13		.				
48	45	19				22			13		.				
49	42	20				16			8		.				
50	42	19				21			8		.				
51	37	20				14			18		.				
52	47	18				14			11		.				
53	57	21				25			13		.				
54	40	16				13			13		.				
55	30	19				14			19		.				
56	41	22				30			85		.				
57	48	23				15			57		.				
58	76	18				16			54		.				
381359	148	18				16			38		.				



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Robert Williamson

COMP:

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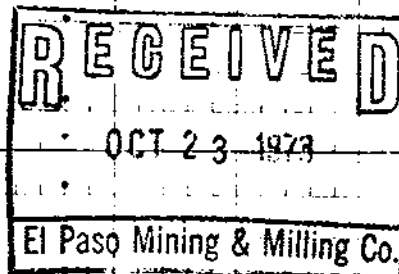
LICE No. 585

186-2603 (Dona)

MIN-EN Laboratories Ltd.

DATE: Oct 22
1973.

Sample Number	Fe ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm			
86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
381360		122	15				1.3			25		.			
61		30	17				1.4			17		.			
62		49	2.2				1.8			26		.			
63		190	2.3				2.4			114		.			
64		59	2.3				2.7			2.2		.			
65		57	2.0				2.2			7.9		.			
66		49	2.0				2.0			2.6		.			
67		57	2.5				2.4			3.1		.			
68		50	2.1				3.0			1.1		.			
69		49	2.7				2.5			1.4		.			
70		56	1.8				1.9			3.2		.			
71		70	2.6				2.6			2.5		.			
72		45	2.2				2.2			2.5		.			
73		35	2.3				1.9			1.5		.			
74		51	2.3				2.8			3.3		.			
75		89	2.9				2.5			5.6		.			
76		69	2.1				1.6			2.5		.			
77		113	2.0				2.2			9.2		.			
78		105	2.9				2.3			1.4		.			
79		43	2.1				1.6			5.6		.			
80		48	2.0				2.1			2.5		.			
81		50	2.1				1.7			1.3		.			
82		41	2.0				1.7			1.1		.			
83		48	1.9				2.0			7		.			
84		53	1.7				1.8			5		.			
85		50	1.8				1.8			1.7		.			
86		45	1.9				2.6			1.4		.			
87		62	1.9				2.2			6.0		.			
88		26	1.8				1.3			2.0		.			
381389		32	1.9				2.2			1.4		.			



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COMP. El Paso Mining
PROJECT 186-2603 (Dona)

GEOCHEMICAL ANALYSIS DATA SHEET
MIN - EN Laboratories Ltd.

No. 585
DATE: Oct 23
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			
86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
381390		34	18				25			13		.			
91		22	19				14			8		.			
92		34	20				17			13		.			
93		35	22				21			8		.			
94		60	23				22			7		.			
95		68	20				20			12		.			
96		47	21				16			9		.			
97		37	20				18			7		.			
98		40	19				16			7		.			
99		59	18				21			8		.			
400		41	19				19			18		.			
01		50	17				20			14		.			
02		67	39				62			1340		.			
03		66	21				18			76		.			
04		94	18				17			18		.			
05		37	17				18			18		.			
06		420	18				35			14		.			
07		47	21				18			4		.			
08		109	91				29			47		.			
09		33	18				20			51		.			
10		69	66				32			13		.			
11		97	17				15			82		.			
12		50	16				15			11		.			
13		39	20				24			47		.			
14		33	26				26			55		.			
15		26	18				14			39		.			
16		37	21				18			9		.			
17		37	19				19			54		.			
18		41	20				21			7		.			
381419		33	25				16			22		.			

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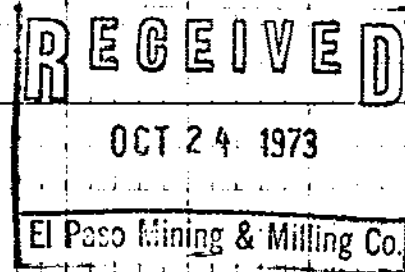
PROJECT

186-2603 (Dona)

MIN - EN Laboratories Ltd.

DATE: Oct 23
1973.

Sample Number	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm
381420	57	22				23			39		•
21	90	20				1.8			45		•
22	65	22				2.7			310		•
23	49	23				2.9			144		•
24	43	158				5.4			1860		•
25	39	61				5.8			1490		•
26	59	21				2.9			600		•
27	72	50				3.5			710		•
28	66	22				2.6			326		•
29	75	27				2.5			164		•
30	53	51				2.1			71		•
31	51	19				1.9			17		•
32	51	21				2.0			14		•
33	68	21				2.1			8		•
34	39	14				1.6			8		•
35	33	15				1.5			3		•
36	38	18				1.5			5		•
37	49	19				1.9			8		•
38	61	19				2.1			8		•
39	40	16				2.4			9		•
40	38	15				1.3			9		•
41	24	15				2.1			5		•
42	25	20				2.4			15		•
43	23	15				1.3			13		•
44	30	20				1.6			22		•
45	53	21				2.5			239		•
46	31	17				1.8			20		•
47	27	15				2.1			15		•
48	35	61				5.6			39		•
381449	33	42				2.6			358		•

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El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

No. 585

PROJECT No.:

186-2603 (Dona)

MIN - EM Laboratories Ltd.

DATE: Oct 23

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
381450		32	45				40			221		.
51		41	28				30			150		.
52		43	26				26			140		.
53		42	27				30			610		.
54		41	18				29			670		.
55		58	19				22			850		.
56		45	21				14			880		.
57		29	15				12			20		.
58		48	20				20			70		.
59		35	22				16			65		.
60		104	210				54			62		.
61		46	19				16			16		.
62		51	18				19			11		.
63		65	18				15			11		.
64		47	16				20			22		.
65		70	21				32			43		.
66		61	21				17			20		.
67		41	18				18			22		.
68		52	19				15			34		.
69		49	21				23			22		.
70		47	20				27			20		.
71		38	19				27			10		.
72		43	18				13			10		.
73		44	17				14			12		.
74		46	16				18			32		.
75		48	18				14			16		.
76		47	20				14			20		.
77		53	21				16			28		.
78		79	24				15			32		.
381479		46	23				18			22		.

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El Paso Mining & Milling Co.

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NO. 585

PROJECT NO.

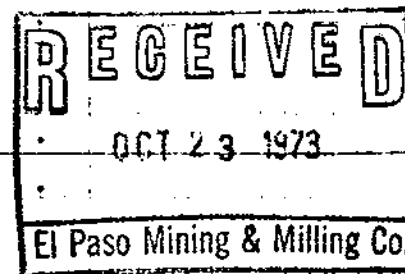
186-2603 (Dona)

MIN. EN Laboratories Ltd.

DATE: Oct 22

1973.

Sample Number	6 Mc ppm	10 Cu ppm	15 Pb ppm	20 Zn ppm	25 Ni ppm	30 Co ppm	35 Ag ppm	40 Fe ppm	45 Hg ppb	50 As ppm	55 Mn ppm	60 Au ppm	65	70	75	80
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
381479		42	26				2.1			34		.				
80		37	15				1.9			20		.				
81		51	22				1.7			10		.				
82		36	16				1.4			20		.				
83		64	19				2.0			16		.				
84		58	21				2.0			38		.				
85		26	16				1.4			16		.				
86		26	17				1.0			28		.				
87		39	20				2.7			25		.				
88		64	19				1.6			43		.				
89		38	18				1.1			32		.				
90		41	21				1.3			32		.				
91		33	13				2.0			12		.				
92		48	26				1.7			12		.				
93		54	27				1.8			16		.				
94		52	19				1.6			22		.				
95		23	18				1.2			13		.				
96		43	20				1.2			16		.				
97		44	22				1.6			12		.				
98		46	20				1.8			17		.				
99		50	20				1.7			16		.				
500		44	16				1.4			12		.				
01		42	18				1.7			8		.				
02		49	25				1.7			30		.				
03		44	20				2.1			17		.				
04		55	24				1.5			14		.				
05		46	22				1.6			18		.				
06		61	24				1.3			20		.				
07		60	22				1.0			26		.				
381508		57	20				1.2			21		.				



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Richard W. Harrison

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El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

No. 585

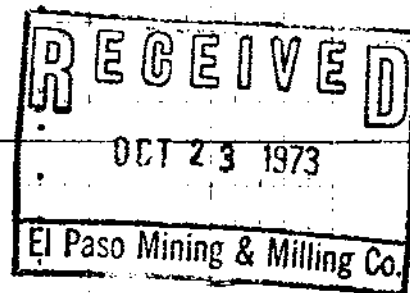
PROJECT No. 186-2603 (Dona)

MIN - EN Laboratories Ltd.

DATE: Oct 22

1973.

Sample Number	6 Mc pppm	10 Cu ppm	15 Pb ppm	20 Zn ppm	25 Ni ppm	30 Co ppm	35 Ag ppm	40 Fe ppm	45 Hg ppb	50 As ppm	55 Mn ppm	60 Au ppm	65	70	75	80
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
381509		44	17				14			21		.				
10		34	18				12			43		.				
11		33	15				11			19		.				
12		40	17				14			35		.				
13		48	21				22			1090		.				
14		99	65				39			2300		.				
15		51	29				19			256		.				
16		33	37				22			394		.				
17		41	16				20			136		.				
18		38	32				25			146		.				
19		31	29				33			460		.				
20		32	26				27			148		.				
21		29	50				35			880		.				
22		38	19				14			84		.				
23		32	17				14			43		.				
24		34	19				19			38		.				
25		40	25				18			152		.				
26		47	19				15			118		.				
27		45	36				29			74		.				
28		43	21				23			120		.				
29		43	42				39			740		.				
30		38	24				25			650		.				
31		40	20				14			230		.				
32		35	15				13			66		.				
33		58	23				08			96		.				
34		33	15				11			28		.				
35		49	19				16			246		.				
36		51	18				20			14		.				
37		46	18				14			9		.				
381538		22	11				10			9		.				



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Richard L. Harrison, Jr.

COMP. El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

No. 585

PROJECT No: 186-2603 (Dona)

MIN - EN Laboratories Ltd.

DATE: Oct 22

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				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
381539		39	17				12				3	.				
40		35	15				12			12		.				
41		40	16				23			6		.				
42		33	18				16			3		.				
43		39	19				14			9		.				
44		45	18				16			1		.				
45		26	17				19			16		.				
46		41	20				11			1		.				
47		25	19				18			6		.				
48		25	17				10			1		.				
49		44	18				30			12		.				
50		28	13				11			6		.				
51		31	17				11			1		.				
52		34	16				09			9		.				
53		32	19				11			8		.				
54		37	19				11			9		.				
55		36	19				12			5		.				
56		30	20				16			17		.				
57		50	26				11			20		.				
58		28	22				14			8		.				
59		31	19				22			8		.				
60		39	21				23			9		.				
61		48	20				19			3		.				
62		57	23				40			17		.				
63		73	25				13			9		.				
64		48	16				15			11		.				
65		34	17				25			8		.				
66		31	18				13			8		.				
67		33	19				18			13		.				
381568		47	17				16			7		.				

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 OCT 23 1973
 El Paso Mining & Milling Co.

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El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

C
No. 585

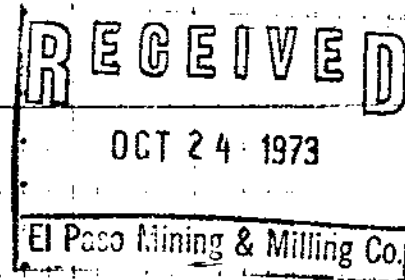
PROJECT No: 186-2603 (Dona)

MIN - EN Laboratories Ltd.

DATE: Oct 23

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
85	90	95	100	105	110	115	120	125	130	135	140	145
381569		41	14				1.5			7		.
70		38	16				2.3			10		.
71		32	15				1.3			7		.
72		38	15				1.6			5		.
73		32	16				1.3			5		.
74		43	18				1.1			8		.
75		43	22				1.0			11		.
76		45	19				1.2			9		.
77		55	20				1.7			10		.
78		52	19				1.0			14		.
79		43	17				1.9			35		.
80		37	19				1.1			24		.
81		54	16				1.4			220		.
82		45	25				1.2			480		.
83		40	18				0.9			140		.
84		64	27				1.2			1120		.
85		93	23				1.8			560		.
86		39	20				1.2			89		.
87		36	16				1.0			170		.
88		23	30				1.3			394		.
89		28	21				1.2			234		.
90		35	17				1.1			58		.
91		35	17				1.1			38		.
92		47	21				1.5			635		.
93		42	17				1.1			435		.
94		49	20				1.4			238		.
95		49	19				1.2			38		.
96		42	18				1.1			12		.
97		53	18				1.4			6		.
381598		42	16				1.4			3		.

CERTIFIED BY *Robert V. Harrison*

COMPANY: El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

NO. 2623

PROJECT No.: 186 Au 1

MIN - EN Laboratories Ltd.

DATE: Nov 6

1973.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppm	As ppm	Mn ppm	Au ppm	Sb ppm
6	10	15	20	25	30	35	40	45	50	55	60	65	70
81	86	90	95	100	105	110	115	120	125	130	135	140	145
													150
													155
													160
381935		57	24				30			90		.	<2
36		25	22				31			35		.	4
37		41	24				48			36		.	4
38		77	29				27			75		.	2
39		52	41				26			75		.	2
40		39	21				20			48		.	4
41		51	19				24			56		.	4
42		47	20				20			68		.	2
43		40	22				32			7		.	4
44		38	18				23			60		.	<2
45		48	16				17			42		.	2
46		47	20				20			64		.	2
47		46	20				24			32		.	4
48		42	20				23			19		.	4
49		38	17				20			31		.	4
50		35	18				19			14		.	4
51		27	22				23			36		.	4
52		28	22				24			26		.	2
53		32	23				21			32		.	2
54		44	28				24			50		.	4
55		42	25				27			48		.	4
56		69	24				26			58		.	6
57		38	23				18			34		.	2
58		58	28				25			38		.	<2
59		43	22				12			56		.	<2
60		25	25				18			19		.	<2
61		18	24				22			30		.	<2
62		40	22				31			43		.	<2
63		33	19				17			34		.	<2
381964		18	21				23			28		.	2

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El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

No. 623

PROJECT No.:

186 Au 1

MIN - EN Laboratories Ltd.

DATE: Nov 6

1973.

Sample Number	6 Mo ppm	15 Cu ppm	20 Pb ppm	25 Zn ppm	30 Ni ppm	35 Co ppm	40 Ag ppm	45 Fe ppm	50 Hg ppb	55 As ppm	60 Mn ppm	65 Au ppm	70 Sb ppm	75	80
81	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
381965		37	23				1.5			74		.	2		
66		34	22				2.4			56		.	2		
67		27	24				1.8			42		.	<2		
68		33	20				1.4			38		.	<2		
69		39	19				2.1			50		.	<2		
70		35	17				1.8			23		.	<2		
71		23	20				1.9			28		.	<2		
72		25	20				2.1			21		.	2		
73		31	22				2.6			73		.	<2		
74		51	21				2.7			74		.	<2		
75		25	21				2.1			124		.	4		
76		24	17				2.3			7		.	4		
77		22	21				2.5			13		.	2		
78		37	20				2.4			14		.	2		
79		25	20				2.8			16		.	<2		
80		15	20				3.2			13		.	2		
81		18	22				2.7			7		.	2		
82		23	23				2.5			30		.	4		
83		15	20				3.3			23		.	2		
84		24	21				2.4			30		.	2		
85		33	20				2.2			32		.	2		
86		27	21				2.6			32		.	4		
87		43	21				2.7			20		.	<2		
88		34	21				2.2			36		.	<2		
89		40	22				2.0			37		.	2		
90		40	18				2.3			50		.	2		
91		29	24				2.3			36		.	<2		
92		33	22				1.5			84		.	<2		
93		131	26				2.1			484		.	<2		
381994		27	14				2.3			16		.	<2		

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Gilbert V. Hennonville

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El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

No. 623

PROJECT No:

186 Au 1

MIN - EN Laboratories Ltd.

DATE: Nov 6

1973.

Sample Number	6 Vc ppm	10 Cu ppm	15 Pb ppm	20 Zn ppm	25 Ni ppm	30 Co ppm	35 Ag ppm	40 Fe ppm	45 Hg ppb	50 As ppm	55 Mn ppm	60 Au ppm	65 Sb ppm	70	75	80
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
381995		22	25				1.4			26		.	2			
96		34	28				1.8			74		.	4			
97		25	24				2.2			36		.	2			
98		15	21				2.6			20		.	2			
99		23	22				2.2			14		.	2			
382000		17	25				2.3			16		.	4			
01		23	24				2.5			19		.	<2			
02		13	24				2.2			13		.	<2			
03		47	38				2.0			26		.	2			
04		26	26				2.2			34		.	6			
05		27	28				2.4			52		.	6			
06		98	23				2.8			28		.	2			
07		146	30				3.0			125		.	4			
08		40	24				2.0			188		.	4			
09		52	23				2.1			31		.	4			
10		104	24				2.1			56		.	4			
11		96	24				1.8			68		.	6			
12		52	25				2.1			48		.	6			
13		54	24				2.3			16		.	<2			
14		30	20				1.8			18		.	4			
15		45	22				1.8			16		.	6			
16		59	27				2.3			46		.	2			
17		32	21				1.8			26		.	2			
18		29	24				2.1			38		.	4			
19		41	23				2.4			16		.	4			
20		45	24				2.4			38		.	4			
21		46	26				2.1			32		.	4			
22		36	28				2.8			20		.	2			
23		39	26				1.8			492		.	6			
382024		31	22				1.8			13		.	<2			

CERTIFIED BY

Gilbert K. Hennocck

COMP

El Paso Mining

PROJECT No:

186 Au 1

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

FILE No. 623

DATE: Nov 6

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	Sb ppm			
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
382025		36	29				2.2			40		.	10			
26		28	26				1.7			23		.	4			
27		31	30				3.0			53		.	4			
28		43	18				2.7			19		.	<2			
29		40	21				2.3			7		.	4			
30		33	20				2.2			9		.	4			
31		40	23				2.5			10		.	4			
32		18	21				2.1			13		.	4			
33		44	26				3.0			8		.	2			
34		29	23				1.7			13		.	2			
35		23	26				2.0			23		.	6			
36		34	24				1.6			8		.	<2			
37		41	13				2.1			7		.	2			
38		46	13				2.0			7		.	4			
39		40	13				2.2			7		.	4			
40		25	12				1.6			7		.	2			
41		25	23				1.6			4		.	<2			
42		34	17				1.7			50		.	<2			
43		45	19				2.1			136		.	2			
44		55	23				1.9			76		.	6			
45		57	23				2.4			22		.	4			
46		55	20				2.0			142		.	2			
47		55	26				2.4			274		.	4			
48		39	24				2.0			50		.	2			
49		32	26				2.0			19		.	<2			
50		40	17				2.1			30		.	6			
51		15	4				1.9			20		.	4			
52		40	20				1.1			13		.	4			
53		39	23				2.1			10		.	4			
382054		37	28				2.0			13		.	2			
							2.1			19		.	6			

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S. Platt V. Harrison, ll

COMPA

El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

No. 623

PROJECT No. 186 Au 1

MIN - EN Laboratories Ltd.

DATE: Nov 6

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	Sb ppm
86	90	95	100	105	110	115	120	125	130	135	140	145	150
382055		67	24				26			16		.	<2
56		33	20				18			19		.	<2
57		45	17				25			13		.	<2
58		29	16				22			13		.	<2
59		19	21				31			7		.	<2
60		33	6				19			13		.	2
61		missing			(N.S.)		.					.	
62		40	24				18			7		.	2
63		26	20				21			16		.	2
64		41	18				19			7		.	2
65		32	15				25			13		.	2
66		49	14				19			9		.	4
67		15	20				36			1		.	2
68		58	20				22			1		.	2
69		27	20				28			19		.	2
70		34	17				20			1		.	<2
71		41	20				18			19		.	<2
72		35	18				17			50		.	2
73		35	19				16			13		.	4
74		35	18				20			9		.	2
75		49	18				26			13		.	2
76		45	16				21			19		.	<2
77		38	15				24			34		.	2
78		37	22				17			7		.	4
79		34	16				19			13		.	2
80		18	22				10			7		.	<2
81		48	17				20			58		.	<2
82		50	16				20			77		.	<2
83		42	17				13			18		.	4
382084		45	16				21			13		.	2

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Gilbert V. Hernandez

COMP. El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

File No. 623

PROJECT No. 186 Au 1

MIN - EN Laboratories Ltd.

DATE: Nov 6

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	Sb ppm		
81	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
382085		56	20				2.4			9		.	2		
86		46	25				2.8			224		.	2		
87		64	20				2.2			334		.	<2		
88		37	20				2.3			23		.	<2		
89		47	21				2.3			8		.	<2		
90		32	25				1.9			10		.	<2		
91		11	19				2.5			8		.	<2		
92		26	18				3.2			8		.	6		
93		57	21				2.0			25		.	2		
94		53	18				1.5			9		.	<2		
95		45	19				2.1			7		.	2		
96		37	18				2.1			1		.	2		
97		37	15				2.0			16		.	2		
98		56	21				3.0			17		.	<2		
99		52	20				1.8			11		.	2		
382100		30	14				1.8			9		.	2		
01		43	18				2.5			7		.	<2		
02		23	19				2.0			8		.	4		
03		18	16				2.7			7		.	2		
04		80	17				2.3			14		.	2		
05		28	14				2.0			10		.	2		
06		125	28				2.3			7		.	2		
07		32	18				2.2			9		.	<2		
08		34	17				2.1			5		.	4		
09		27	18				2.7			2		.	2		
10		29	20				3.3			13		.	<2		
11		47	29				2.1			2		.	<2		
12		33	19				2.8			1		.	2		
13		49	18				2.8			6		.	<2		
382114		51	21				3.0			13		.	<2		

5.00 - 11 11 . 0.0

COMP. El Paso Mining

PROJECT No. 186 Au 1

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

FILL No. 623

DATE: Nov 6

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	Sb ppm			
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
382025		36	29				2.2			40		.	10			
26		28	26				1.7			23		.	4			
27		31	30				3.0			53		.	4			
28		43	18				2.7			19		.	<2			
29		40	21				2.3			7		.	4			
30		33	20				2.2			9		.	4			
31		40	23				2.5			10		.	4			
32		18	21				2.1			13		.	4			
33		44	26				3.0			8		.	2			
34		29	23				1.7			13		.	2			
35		23	26				2.0			23		.	6			
36		34	24				1.6			8		.	<2			
37		41	13				2.1			7		.	2			
38		46	13				2.0			7		.	4			
39		40	13				2.2			7		.	4			
40		25	12				1.6			7		.	2			
41		25	23				1.6			4		.	<2			
42		34	17				1.7			50		.	<2			
43		45	19				2.1			136		.	2			
44		55	23				1.9			76		.	6			
45		57	23				2.4			22		.	4			
46		55	20				2.0			142		.	2			
47		55	26				2.4			274		.	4			
48		39	24				2.0			50		.	2			
49		32	26				2.1			19		.	<2			
50		40	17				1.9			30		.	6			
51		15	4				1.1			20		.	4			
52		40	20				2.1			13		.	4			
53		39	23				2.0			10		.	4			
382054		37	28				2.1			13		.	2			
										19		.	6			

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COMPA

El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

No. 623

PROJECT No. 186 Au 1

MIN - EN Laboratories Ltd.

DATE: Nov 6

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	Sb ppm
6	10	15	20	25	30	35	40	45	50	55	60	65	70
80	90	95	100	105	110	115	120	125	130	135	140	145	150
382055		67	24				26			16		.	< 2
56		33	20				18			19		.	< 2
57		45	17				25			13		.	< 2
58		29	16				22			13		.	< 2
59		19	21				31			7		.	< 2
60		33	6				19			13		.	2
61		missing			(N.S.)		.					.	2
62		40	24				18			7		.	2
63		26	20				21			16		.	2
64		41	18				19			7		.	2
65		32	15				25			13		.	2
66		49	14				19			9		.	4
67		15	20				36			1		.	2
68		58	20				22			1		.	2
69		27	20				28			19		.	2
70		34	17				20			1		.	< 2
71		41	20				18			19		.	< 2
72		35	18				17			50		.	2
73		35	19				16			13		.	4
74		35	18				20			9		.	2
75		49	18				26			13		.	2
76		45	16				21			19		.	< 2
77		38	15				24			34		.	2
78		37	22				17			7		.	4
79		34	16				19			13		.	2
80		18	22				10			7		.	< 2
81		48	17				20			58		.	< 2
82		50	16				20			77		.	< 2
83		42	17				13			18		.	4
382084		45	16				21			13		.	2

CERTIFIED BY

Gilbert V. Hernandez

A P P E N D I X "B"

STATEMENT OF COSTS

STATEMENT OF COSTS

SALARIES

SEPTEMBER 18th to OCTOBER 25th, 1973

V. RYBACK-HARDY @ \$ 903/month	for 21 days =	\$ 840.00	
S. THOMAS @ 600/month	for 22 days =	600.00	
M. MORET @ 600/month	for 9 days =	245.00	
L. LAMOUREUX @ 600/month	for <u>18 days</u> =	<u>590.00</u>	
	70 days	\$2,275.00	\$ 2,275.00

MEALS AND ACCOMMODATION

\$15/man/day X 70 man-days = 1,050.00

VEHICLE RENTAL

24 days @ \$446.25/month = 357.00

ASSAYS

788 samples @ \$3.72 each = 2,932.70

REPORT PREPARATION

200.00

TOTAL \$ 6,814.70

Declared before me at the *City*
of *Vancouver*, in the
Province of British Columbia, this *5*
day of *Dec*, 1973, A.D.

Gracia A. Noel, P. ENG

Joel Turner *Victor Ryback Hardy*

A Commissioner for taking Affidavits within British Columbia or
A Notary Public in and for the Province of British Columbia.

Sub-mining Recorder

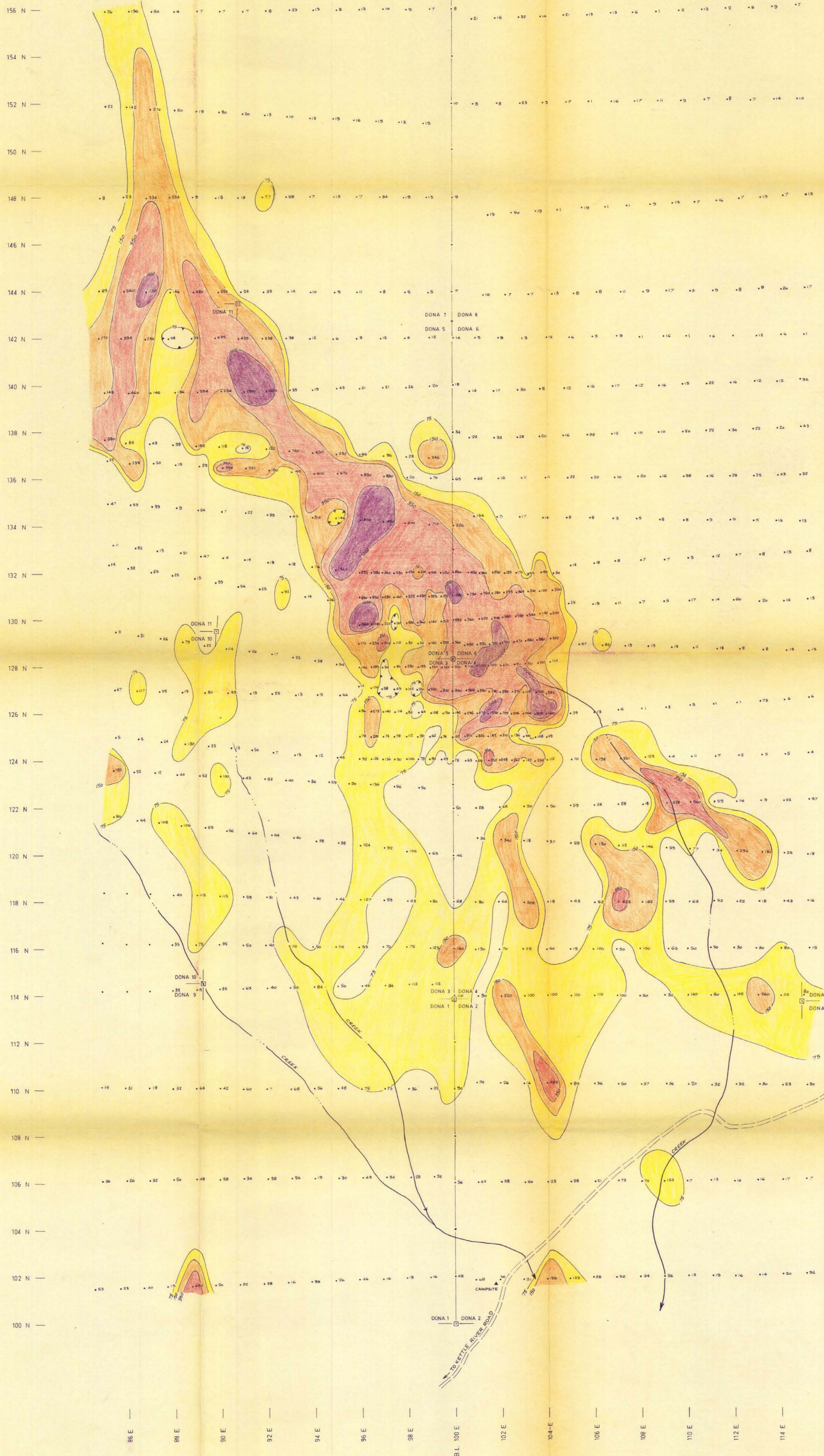
A P P E N D I X "C"

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 - 1169 Trumpeter Drive
Richmond, B.C.
2. I graduated from the University of British Columbia in 1970 with a Bachelor 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 DONA GROUP of Claims - from SEPTEMBER 18 TO OCTOBER 25, 1973.
7. The fieldwork was performed and the report written as a part of my employment by EL PASO MINING AND MILLING COMPANY.



LEGEND

BACKGROUND 38 PPM.
THRESHOLD 150 PPM.

 POSSIBLY ANOMALOUS	75 - 150 PPM.
 PROBABLY ANOMALOUS	150 - 350 PPM.
 DEFINITELY ANOMALOUS	350 - 1000 PPM.
 HIGHLY ANOMALOUS	> 1000 PPM.

4740-M8

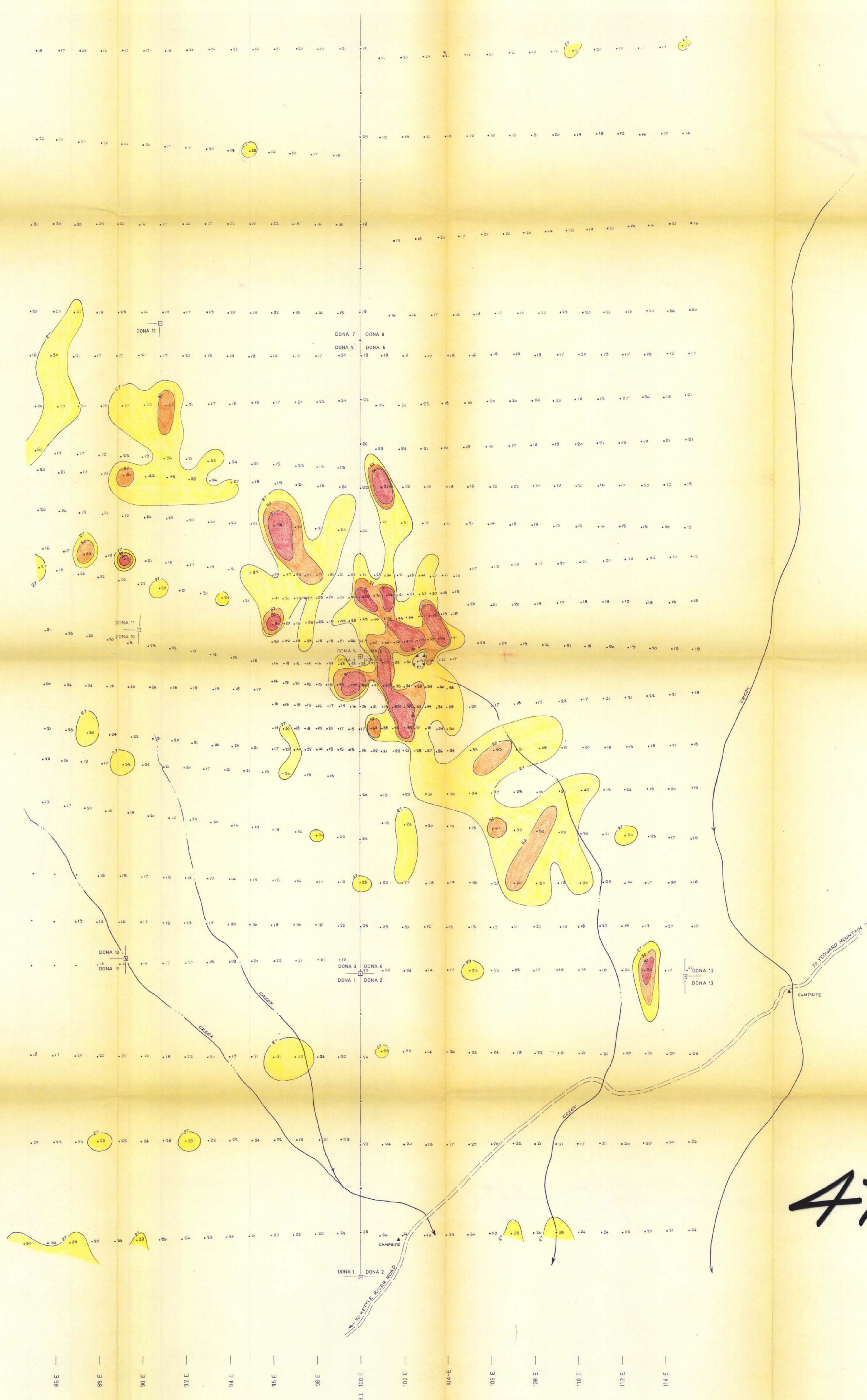
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4740 MAP #8

EL PASO MINING AND MILLING COMPANY DEL NORTE MINING GROUP	
GEOCHEMICAL SOILS ARSENIC IN PPM DONA MINERAL CLAIM GROUP KEEFER LAKE AREA VERNON MINING DIVISION, BRITISH COLUMBIA	
DRAWN BY: P.V.	DATE: NOV. 1973
TRACED BY: M. HICKET	SCALE: 1" = 200'
REVISED: DATE	REVISOR: DATE
DRAWING NO.: 82-L-1-A3	

FIELDWORK BY: V. RYBACK-HARDY
M. HICKET
S. THOMAS
L. LAHOREUX

V. Ryback-Hardy

156 N —
154 N —
152 N —
150 N —
148 N —
146 N —
144 N —
142 N —
140 N —
138 N —
136 N —
134 N —
132 N —
130 N —
128 N —
126 N —
124 N —
122 N —
120 N —
118 N —
116 N —
114 N —
112 N —
110 N —
108 N —
106 N —
104 N —
102 N —
100 N —



86 E — 88 E — 90 E — 92 E — 94 E — 96 E — 98 E — 100 E — 102 E — 104 E — 106 E — 108 E — 110 E — 112 E — 114 E

4740-19

LEGEND
BACKGROUND 20 PPM.
THRESHOLD 26.5 PPM.
POSSIBLY ANOMALOUS 27 - 52 PPM
PROBABLY ANOMALOUS 52 - 80 PPM
DEFINITELY ANOMALOUS > 80 PPM

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4740 MAP #9

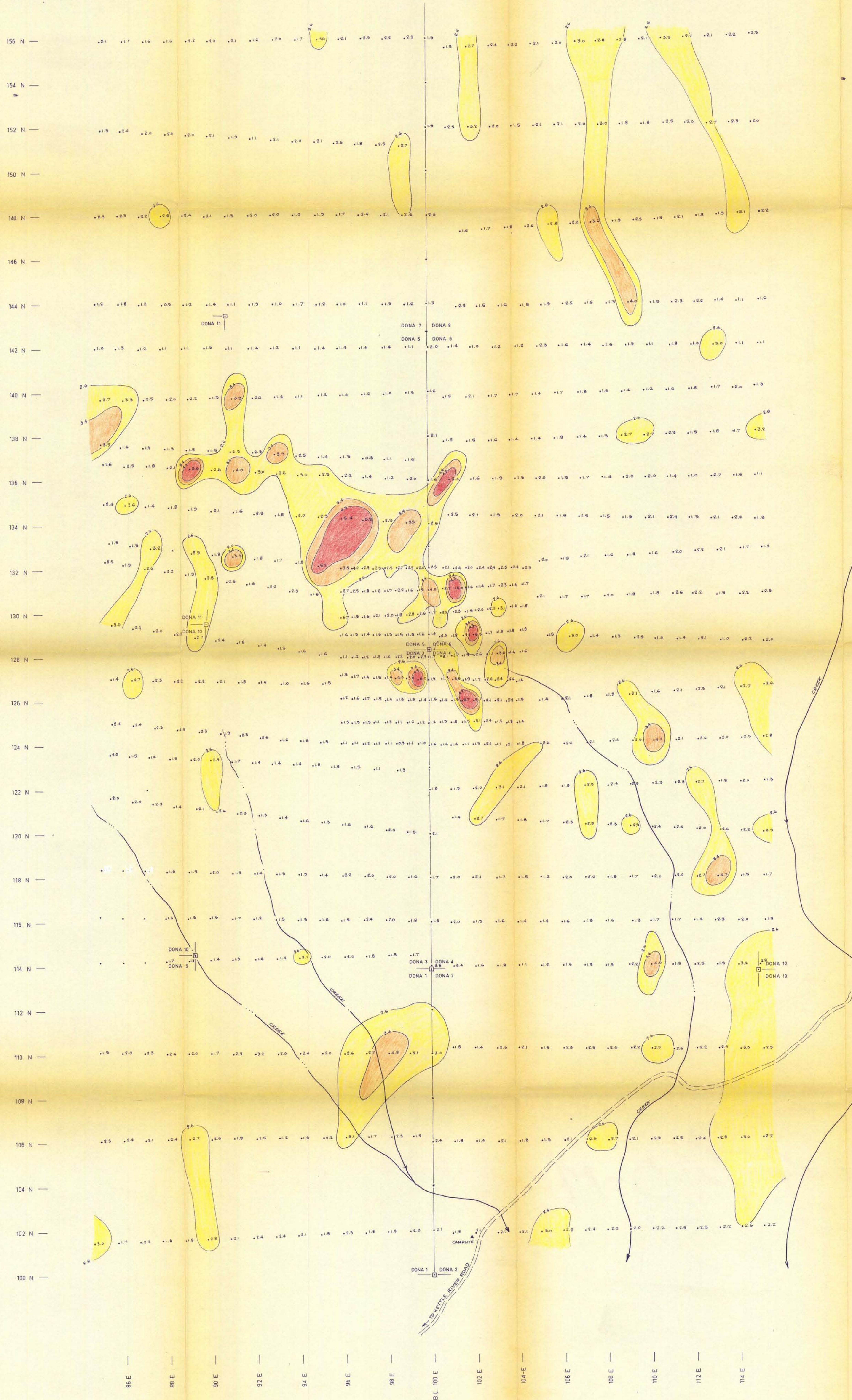
EL PASO MINING AND MILLING COMPANY
DEL NORTE MINING GROUP

GEOCHEMICAL SOILS
LEAD IN PPM
DONA MINERAL CLAIM GROUP
KEEFER LAKE AREA
VERNON MINING DIVISION, BRITISH COLUMBIA

DRAWN BY: PV	DATE: NOV. 1973	SCALE: 1" = 200'
TRACED BY: M. MORET	DATE:	REVISIONS: DATE
REVISED: DATE	REVISED: DATE	DRAWING NO: 82-L-1-A4

FIELDWORK BY: V. RYBACK-HARDY
M. MORET
S. THOMAS
L. LAMOUREUX

Victor Ryback-Hardy



4740-M10

LEGEND
 BACKGROUND 1.9 PPM.
 POSSIBLY ANOMALOUS 2.65 - 3.4 PPM.
 PROBABLY ANOMALOUS 3.4 - 4.9 PPM.
 DEFINITELY ANOMALOUS > 4.9 PPM.

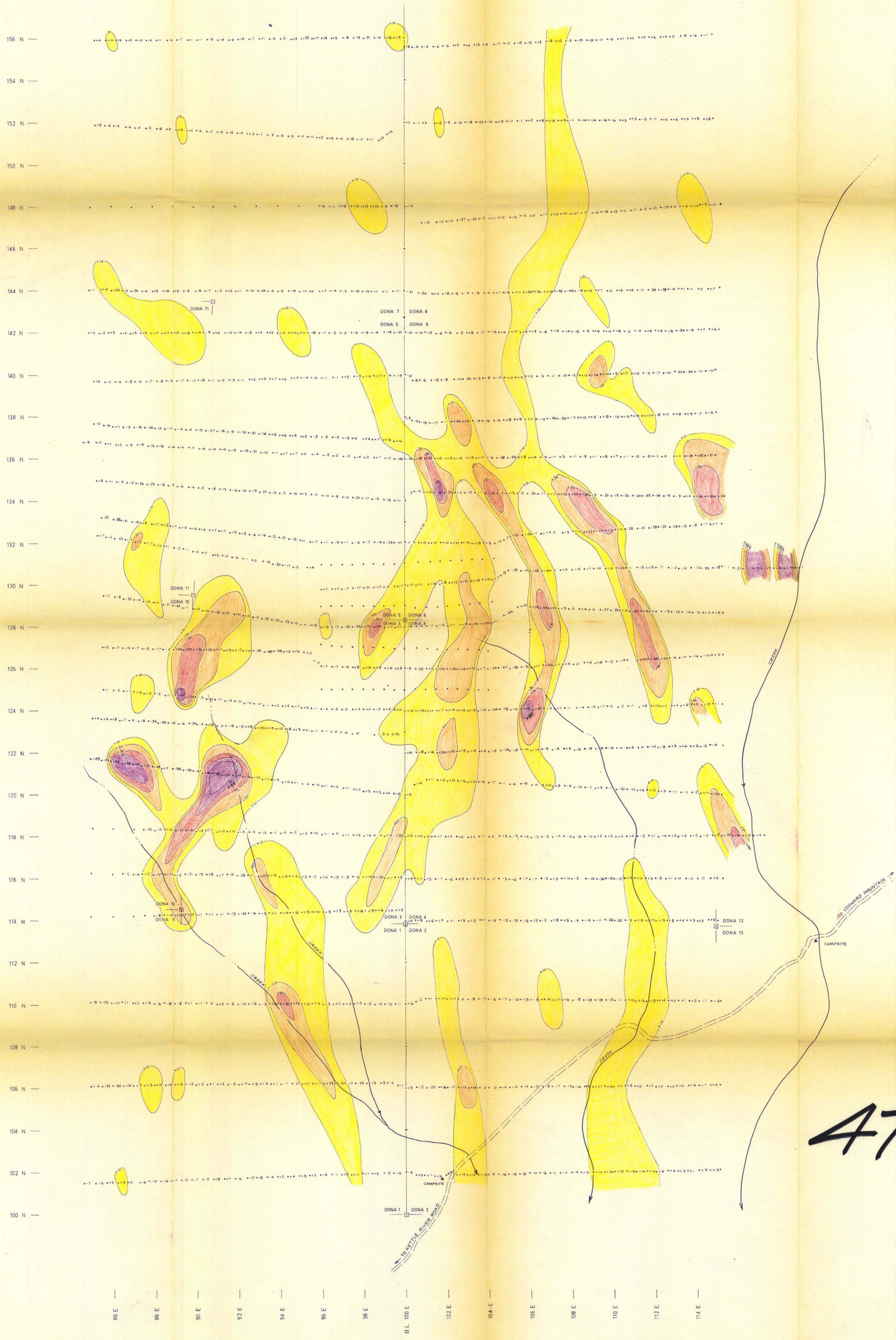
Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 4740 MAP #10

EL PASO MINING AND MILLING COMPANY
 DEL NORTE MINING GROUP
 GEOCHEMICAL SOILS
 SILVER IN PPM.
 DONA MINERAL CLAIM GROUP
 KEEFER LAKE AREA
 VERNON MINING DIVISION, BRITISH COLUMBIA

FIELDWORK BY: V. RYBACK-HARDY
 M. MORET
 S. THOMAS
 L. LAMOREUX

DRAWN BY: PK DATE NOV. 1973 SCALE 1" = 200'
 CHECKED BY: S. THOMAS DATE REVISED DATE DRAWING NO. 82-L-1-A5

V. Ryback-Hardy



4740-M11

LEGEND

Yellow	+10 - +20 WEAK CONDUCTOR
Orange	+20 - +30 MODERATE CONDUCTOR
Red	+30 - +40 GOOD CONDUCTOR
Purple	> 40 STRONG CONDUCTOR

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. **4740** MAP #11

EL PASO MINING AND MILLING COMPANY
DEL NORTE MINING GROUP
V. F. ELECTRO-MAGNETIC SURVEY
(FILTERED DIP ANGLE)
DONA MINERAL CLAIM GROUP
KEEFER LAKE AREA
VERNON MINING DIVISION, BRITISH COLUMBIA

DRAWN BY: P.V.	DATE: NOV. 1973	SCALE: 1" = 200'
TRACED BY:	DATE:	REVISED DATE:
REVISED DATE:	DATE:	DRAWING NO.: 82-L-1-A6

INSTRUMENT: RONKA EM-16
VLF STATION: SEATTLE WASHINGTON (NPG.) 18.6 KHZ.
FIELDWORK BY: V. RYBACK-HARDY