

4706

THE GEOLOGY, GEOCHEMISTRY AND GROUND MAGNETICS

OF THE

N I C K - 1 - 8 AND 21 - 26 CLAIMS

(55° 00' N 123° 17' W)

CARIBOO MINING DISTRICT

BY

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. **4706** MAP.....

BERT TAYLOR

EL PASO MINING AND MILLING COMPANY

NOVEMBER 9, 1973

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SUMMARY

The NICK Claims 1 - 8 and 21 - 26 were mapped geologically, soil sampled and ground magnetically surveyed from October 5th - 15th, 1973. The resulting information is presented in this report. Slide Mountain group rocks are volcanic and intruded by gabbro. Small amounts of sulfide have been found but copper and nickel values are very low. Copper and nickel soil geochemistry show low and erratic values, interpreted as essentially due to erratic glacial distribution. The ground magnetic map is one of low, erratic magnetic relief. No extension of the mapped rocks is discernable. There is little evidence to indicate economic mineralization is present.

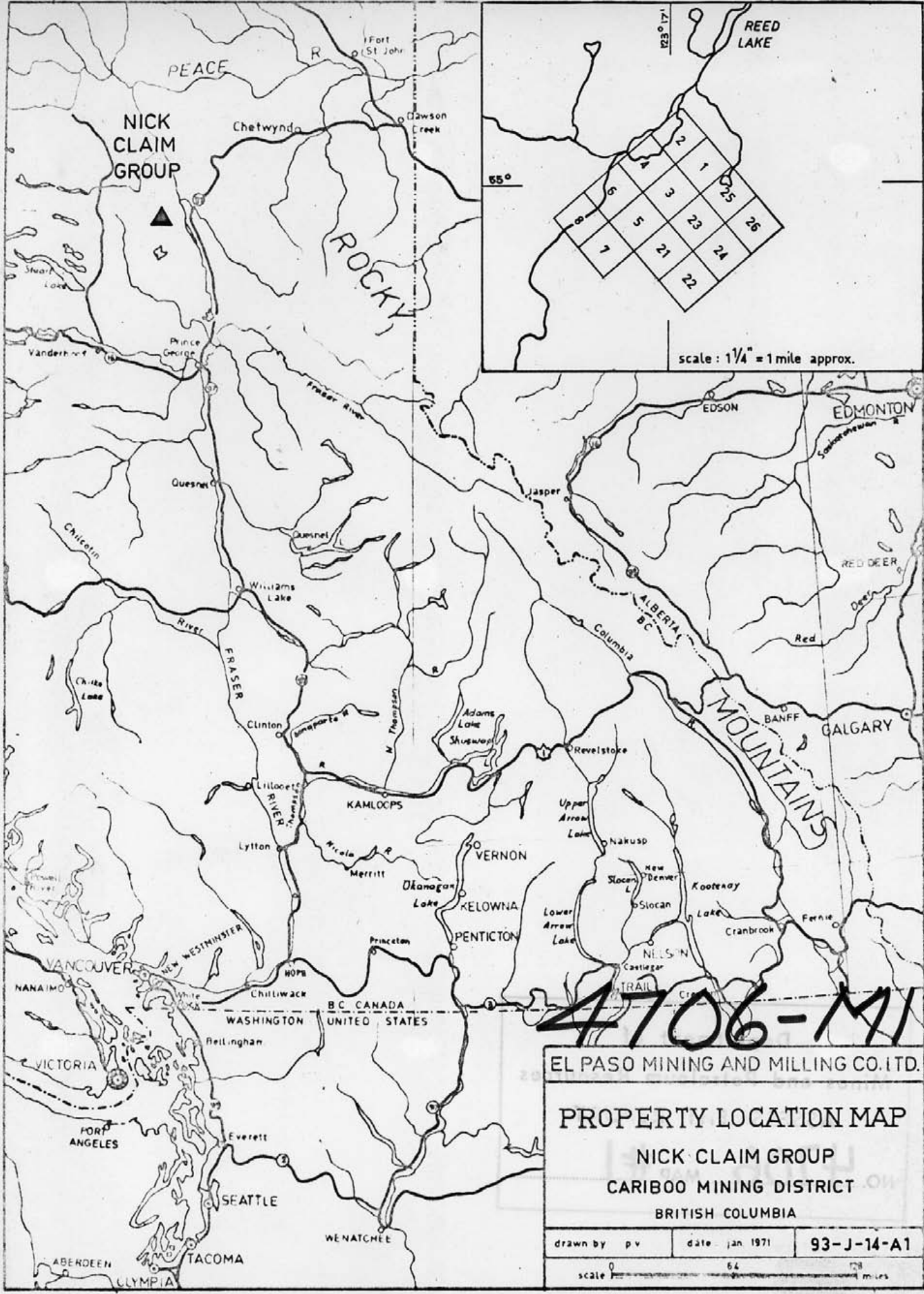
INTRODUCTION

The NICK Claims 1 - 26 were staked by Kol Lovang on October 4th and recorded October 18th, 1972. Because of premature staking, only claims 1 - 8 and 21 - 26 are in good standing. The claimed area had been staked by C. Erickson and M. Warren in 1968 and subsequently allowed to drop.

A gold prospect several miles lower on Reed Creek, at its confluence with McDougall River and a molybdenum prospect on the N-W shores of Reed Lake, witness that the area has mineral potential. Ultrabasic float in the vicinity containing nickel bearing pyrrhotite and chalcopyrite provide additional evidence of mineralization.

LOCATION AND ACCESS

The claims are centered at 55° 00' N 123° 17' W (See Figure 1.) this is just south of Reed Lake. The settlement of McLeod Lake on the Hart Highway lies ten miles to the east. Iso Mines, which explored the molybdenum showing, improved and extended a trail from McLeod to Reed Lake in 1969. This road passes just to the south of the claim group. It is, however, in poor condition and considered impassible for even four-wheel drive vehicles.



4706-M1

EL PASO MINING AND MILLING CO. LTD.

PROPERTY LOCATION MAP
NICK CLAIM GROUP
CARIBOO MINING DISTRICT
BRITISH COLUMBIA

drawn by p v	date jan 1971	93-J-14-A1
scale 0 50 100 miles		

TOPOGRAPHY

The claims lie on the Nechako Plateau, just west of the Rocky Mountain Trench. It is on the north-eastern edge of a large area of glacially deposited material. North to north-east moving ice has produced drumlins over much of the surrounding country. In the claim area, the ground is hummocky - a collection of kames, knobs and kettles, as well as drumlins. Vertical relief is in the order of 100 feet. Lowest and highest elevations are 3100 feet at lake level, to a high of 3350 feet. The area is well treed with small to medium sized spruce, balsam, fir and lodgepole pine. Numerous small swamps have copious amounts of alder. The beavers have altered the course of small streams and even have diverted Reed Lake water to flow southward.

SURVEY PROCEDURE

On October 5th, M. Moret, B. Nixon and M. Clemenza set up camp on Lower Reed Lake. From October 6th until they moved out on October 15th, they were occupied in marking grid lines and taking soil samples and magnetometer readings. The writer arrived on October 12th to pick-up the geology and left at the same time as the others.

Procedure was as follows; a baseline striking N50°E was flagged from the initial post of NICK 1 - 4. The baseline was numbered 100E and the post numbered 100N. Stations were flagged every 200 feet, south to 54N and north to 114N. Cross lines were run S40°E for 3000 feet and then the parallel return line was marked 200 feet further north. Both ends of all lines

were tied to adjoining lines. Lines were run by Silva Compass, using a 30° easterly declination. Measurement was by Topofil and slope corrections were determined by the use of a clinometer.

Stations were marked with blue flagging and lines were marked with red flagging. The white thread from the Topofil gave excellent line guidance.

At the same time as the line was marked, soil samples were taken as described under Geochemistry and the relative vertical magnetic intensity was recorded as described under magnetics.

GEOLOGY

The rocks of this area belong to the Slide Mountain Group of Mississippian-Permian age according to the Geological Survey of Canada maps 11-1961 and 2-1962. They are characterized by basaltic pillow lavas, andesite and related pyroclastics. Minor argillite, chert and greywacke are present.

The meager bedrock exposed on the property consists of aphanitic, light to dark green andesite. It is massive in outcrop, exhibiting no preferred orientation. Despite rather substantial gossan in spots, there is very little pyrite present. On the baseline at 82 N, some fragmentals were noted. Chloritization is the only alteration present. Also on 82 N and at 115 E a medium grained gabbro with euhedral feldspar crystals and 1% fine pyrrhotite and a trace of chalcopyrite occurs. This strikes southward

and appears as a coarse grained gabbro with minor pyrrhotite 400 feet to the south. The contact is gradational. An isolated outcrop of coarse grained gabbro is found 1400 feet further southwest (64 N, 14 E). Weathering and gossan are prominent but it is nearly devoid of sulphide. Testing with a magnet indicated only a small amount of magnetism present.

At the north end of NICK 2 Claim, is a massive, medium-grained gneissic diorite, exposed as a south facing scarp on the northeast shore of the lake. This is part of a larger mass which outcrops on the northwest shore of the lake. It appears to be younger than the preceding rocks.

Between the two, in the vicinity of the Final Post for NICK 1 and 2 (114 N, OE) the soil is almost black. A small rubbly outcrop of black carbonaceous quartzite occurs. In hand specimen it resembles coke. The material contains a few thin quartz-carbonate veins.

A linear depression along the creek and through the length of both Reed Lakes, is probably a fault. The amount and direction of displacement is not known.

The Quaternary is represented by glacial till, sand and gravel, some of which has been smoothed to form drumlins elongated in a NNE direction. The west part of the property consists of kames and terminal moraines, resulting in a series of short sharp ridges and hummocks. Angular rubble, where found, is considered to be near its source and a notation has been made of some of it on the geological map.

Four rock specimens were analyzed for copper and nickel. The highest copper assay was 0.03%, while the highest nickel assay was 0.02%. The

location and individual results are also shown on the geological map.

A short distance north of the claims, float was found that reportedly contained 0.14% Ni and 0.32% Cu.

GEOCHEMISTRY

A total of 921 soil samples were taken, all within 20 feet of the points marked on the grid. Samples were taken with a mattock. Details of the slope of the ground, depth, colour and texture of the sample, the soil horizon and probable origin were all recorded on a geochemical sample data sheet.

The "B" soil horizon was aimed for and largely obtained. It is mainly sand and silt with minor gravel or organic material. Samples were enclosed in a high wet strength kraft paper bag supplied by Min-En Laboratories of North Vancouver, B.C. They also did the screening and analysis.

The copper and nickel content of each sample was extracted by a hot acid leach. The amount of metal was determined by atomic absorption measurement. The results are recorded on Geochemical Analysis Data Sheets, copies of which are appended.

Map 93-J-14-A3 is the plot of the copper values so obtained and Map 93-J-14-A4 is the plot of the nickel values. Figures 2 and 3 are frequency histograms of the copper and nickel values respectively. They also show the median, background and threshold values determined from inspection of their logarithmic probability charts.

The copper values are generally low, 86% of which are in the background range of 50 ppm or below. 96% are below the threshold value of 90 ppm. The highest value obtained is 335 ppm. Values are outlined on the map by form lines at these two levels.

The largest area of above threshold values is centered at 88 N, 107 E where six samples indicate a length of 600 feet by approximately 200 feet wide. This is enclosed in an envelope of lower values which are still above background (49 ppm) but below the threshold (89 ppm). Both have a general N70°E strike. Only one other area has three samples above the threshold value. The remaining values are scattered throughout the map as isolated occurrences.

The nickel values are likewise low. The highest value obtained was 280 ppm. 85% of the samples had values in the background range (below 50 ppm) and 95% below the threshold values used (70 ppm). Above threshold values are even more scattered than were those for copper. Two areas, each containing four samples above threshold, are the greatest concentrations. They are centred at 100 N, 113 E and 96 N, 117 E. These lie within a large irregular east - west striking envelope of values which range between background (below 50 ppm) and threshold (70 ppm). It roughly coincides with the areas of better copper values.

From 80 N to 54 N nickel values are essentially low and uniform, with only two small exceptions.

EL PASO MINING AND MILLING CO. LTD.
 'NICK' MINERAL CLAIM GROUP
 CARIBOO MINING DISTRICT, B.C.
 HISTOGRAM OF COPPER IN P.P.M.

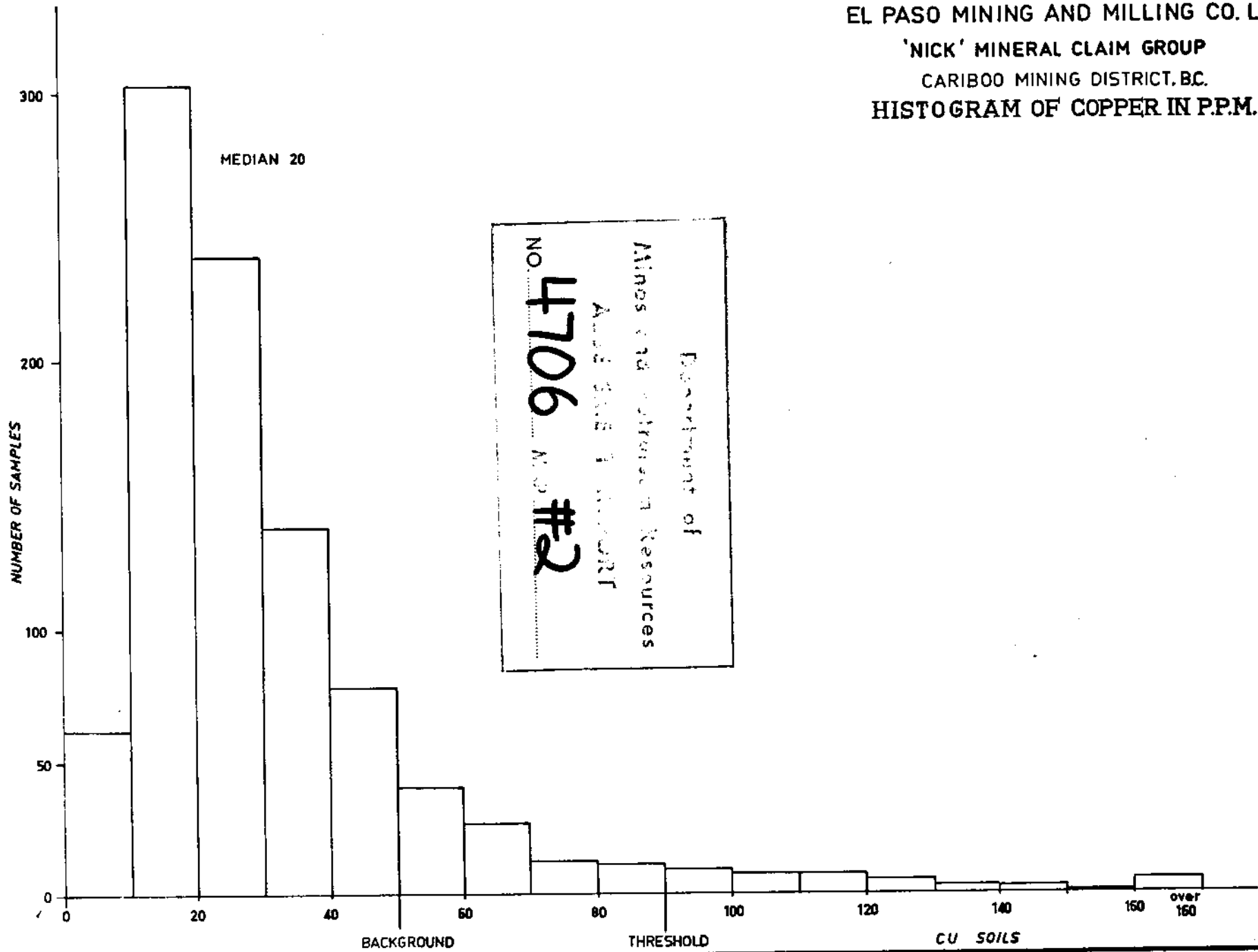
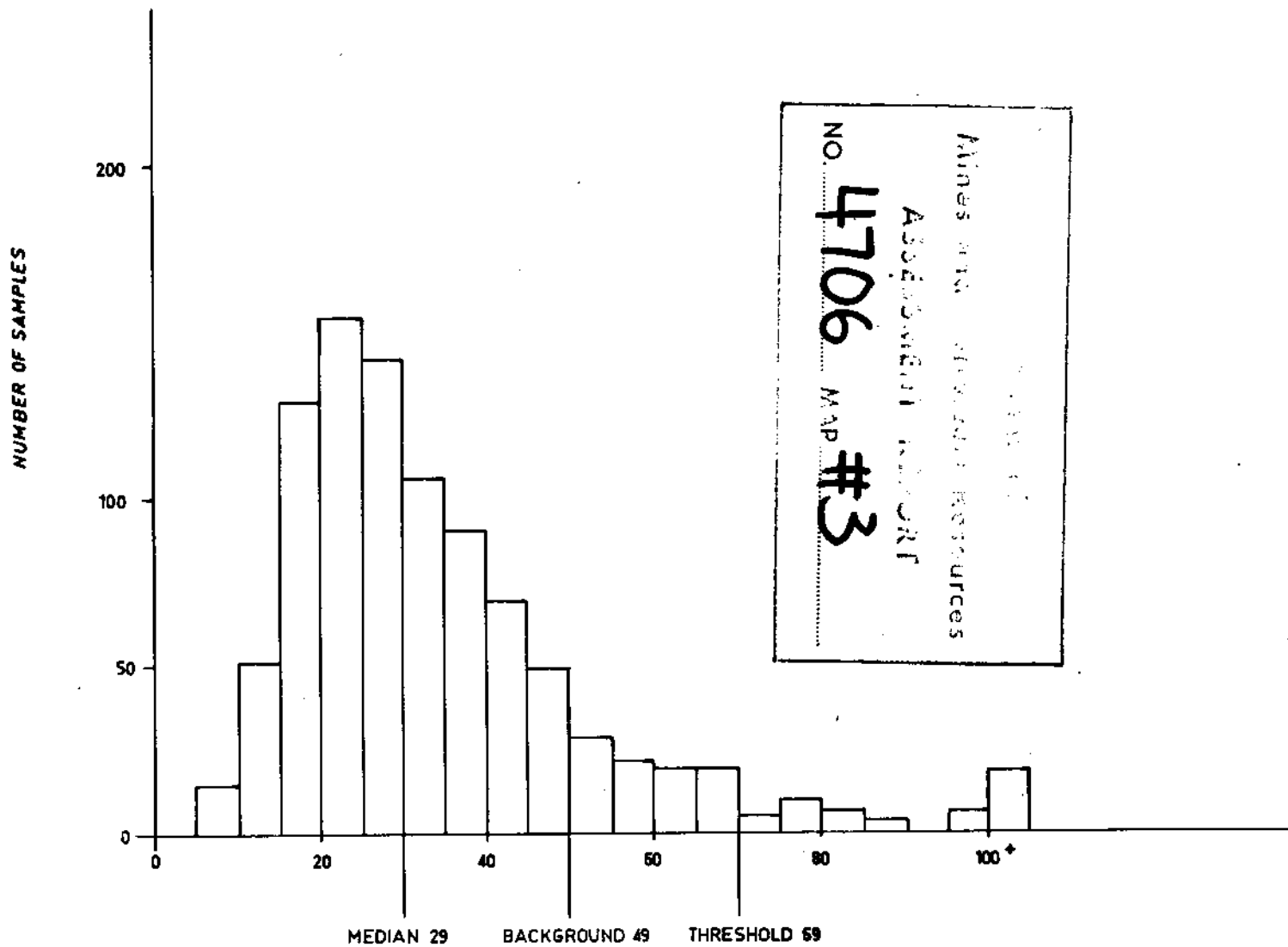


FIG. 2

EL PASO MINING AND MILLING CO. LTD.
 'NICK' MINERAL CLAIM GROUP
 CARIBOO MINING DISTRICT, B.C.
 HISTOGRAM OF NICKEL IN P.P.M.



NI SOILS

FIG. 3

MAGNETICS

A ground magnetic survey was run at the same time as the soil samples were taken. Map 93-J-14-A5 is a contoured plot of the values obtained and corrected for diurnal variation.

Lines were nominally spaced 200 feet and stations on them 100 feet apart, the same as for the soil sampling. Where it was deemed advisable, additional readings were taken to give 50 foot station intervals.

The instrument used was a McPhar M-700 magnetometer. It measures the vertical field, using the flux-gate principle. On its most sensitive scale, it can be read to an accuracy of 5 gammas.

The date and time, scale range and meter reading were recorded at each station. The baseline was traversed in both directions as rapidly as possible at the beginning of the survey. The values for each station served to tie in each cross-line and to correct for diurnal variation.

Relative values ranged from a high of +1140 to a low of -780 gammas. The map is contoured at 200-gamma intervals. For emphasis, only the -200 and +200 gamma areas were colored.

From 74 N south, the values are relatively even and low. From 76 N to 104 N the values are uneven. The north end of the property is again relatively even but at a greater magnetic intensity. This agrees in substance with the aeromagnetic contours shown on G.S.C. Geophysics Papers 1562 and 1563.

Some contours cross the map parallel to the lines run. It is likely these reflect some condition of reading which has not been filtered out, rather than some influence of the rocks beneath.

DISCUSSION

The limited amount of rock outcrop indicates only a small amount of pyrite and pyrrhotite present. The gabbro is only weakly magnetic and the remaining rocks are even less so. The overall lack of magnetic relief does not provide a basis for extrapolation of the known geology.

It would appear that the pattern of magnetic intensity is influenced by erratic material from outside the claim area and emplaced by glacial action. The great relief at 64 N, 102 E is due to some near surface, polarized material not spotted during the mapping.

Almost as erratic as the magnetic readings are the patterns developed by the soil geochemistry. The possibly anomalous areas are largely but not completely to the north of the lightly mineralized area. Thus some of the values may have been pushed north by ice movement. The surface of the ground, being quite hummocky with glacial material, would tend to give an uneven geochemical pattern.

CONCLUSIONS

There is little to indicate possible economic mineralization. While pyrite and pyrrhotite have been found in very small quantities, they contain only minor quantities of nickel and copper. It is unlikely that further work would be more encouraging.

Bert Taylor
Bert Taylor,
November 9, 1973

A P P E N D I X A

GEOCHEMICAL ANALYSIS

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
321000		12				14			•				•			
01		6				9			•				•			
02		5				7			•				•			
03		7				12			•				•			
04		14				17			•				•			
05		17				21			•				•			
06		16				19			•				•			
07		14				20			•				•			
08		16				21			•				•			
09		7				12			•				•			
10		10				15			•				•			
11		8				12			•				•			
12		13				20			•				•			
13		17				25			•				•			
14		7				11			•				•			
15		12				15			•				•			
16		16				23			•				•			
17		11				16			•				•			
18		13				15			•				•			
19		12				14			•				•			
20		12				14			•				•			
21		13				17			•				•			
22		27				32			•				•			
23		13				15			•				•			
24		21				19			•				•			
25		15				21			•				•			
26		12				16			•				•			
27		14				18			•				•			
28		11				15			•				•			
321029		13				15			•				•			

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Nich claims - 93 J 14

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GEOCHEMICAL ANALYSIS DATA SHEET

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PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct 241973.

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
321030		14				17		.					.			
31		5				8		.					.			
32		24				25		.					.			
33		32				41		.					.			
34		38				28		.					.			
35		25				23		.					.			
36		8				9		.					.			
37		19				27		.					.			
38		14				15		.					.			
39		13				15		.					.			
40		14				16		.					.			
41		15				18		.					.			
42		9				8		.					.			
43		9				13		.					.			
44		9				11		.					.			
45		35				36		.					.			
46		13				18		.					.			
47		12				17		.					.			
48		13				21		.					.			
49		21				31		.					.			
50		12				19		.					.			
51		16				21		.					.			
52		10				13		.					.			
53		13				17		.					.			
54		21				22		.					.			
55		14				19		.					.			
56		15				18		.					.			
57		19				24		.					.			
58		11				17		.					.			
321059		9				16		.					.			

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PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct 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			
81	86	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321060		17			23		.					.			
61		29			37		.					.			
62		15			18		.					.			
63		12			20		.					.			
64		6			7		.					.			
65		18			25		.					.			
66		10			15		.					.			
67		15			22		.					.			
68		12			18		.					.			
69		13			18		.					.			
70		19			26		.					.			
71		23			25		.					.			
72		9			11		.					.			
73		10			14		.					.			
74		9			13		.					.			
75		61			57		.					.			
76		14			12		.					.			
77		14			18		.					.			
78		9			14		.					.			
79		13			18		.					.			
80		12			17		.					.			
81		29			31		.					.			
82		24			23		.					.			
83		39			49		.					.			
84		20			19		.					.			
85		24			30		.					.			
86		29			40		.					.			
87		24			33		.					.			
88		23			25		.					.			
321089		12			20		.					.			

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DATE: Oct - 24
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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
321090		111				103		.				.				
91		9				14		.				.				
92		11				20		.				.				
93		72				75		.				.				
94		20				23		.				.				
95		22				54		.				.				
96		15				22		.				.				
97		30				32		.				.				
98		84				50		.				.				
99		29				23		.				.				
100		62				49		.				.				
01		13				19		.				.				
02		15				19		.				.				
03		14				20		.				.				
04		18				24		.				.				
05		17				26		.				.				
06		27				30		.				.				
07		20				27		.				.				
08		15				21		.				.				
09		6				10		.				.				
10		9				13		.				.				
11		7				10		.				.				
12		19				21		.				.				
13		51				59		.				.				
14		16				27		.				.				
15		6				5		.				.				
16		12				15		.				.				
17		11				11		.				.				
18		12				20		.				.				
321119		16				19		.				.				

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DATE: Oct 24

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Sample. 6	Mo 10	Cu 15	Pb 20	Zn 25	Ni 30	Co 35	Ag 40	Fe 45	Hg 50	As 55	Mn 60	Au 65	70	75	80	
Number	pppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321120		14			22		.					.				
21		11			17		.					.				
22		14			16		.					.				
23		53			43		.					.				
24		13			20		.					.				
25		19			25		.					.				
26		18			25		.					.				
27		18			27		.					.				
28		16			20		.					.				
29		15			22		.					.				
30		20			25		.					.				
31		23			27		.					.				
32		12			18		.					.				
33		12			13		.					.				
34		22			28		.					.				
35		19			27		.					.				
36		11			15		.					.				
37		17			18		.					.				
38		8			9		.					.				
39		17			23		.					.				
40		17			22		.					.				
41		47			39		.					.				
42		11			13		.					.				
43		14			18		.					.				
44		11			15		.					.				
45		18			23		.					.				
46		12			19		.					.				
47		13			19		.					.				
48		46			40		.					.				
321149		33			38		.					.				

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MIN - EN Laboratories Ltd.

DATE: Oct 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				
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321150		45			49											
51		27			28											
52		18			30											
53		33			46											
54		24			38											
55		31			42											
56		28			30											
59		33			34											
58		37			48											
59		9			19											
60		25			32											
61		51			43											
62		60			86											
63		21			29											
64		21			30											
65		19			24											
66		17			27											
67		12			22											
68		17			23											
69		22			26											
70		27			27											
71		123			76											
72		15			21											
73		12			17											
74		60			69											
75		12			21											
76		15			25											
77		15			23											
78		20			30											
321179		23			29											

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GEOCHEMICAL ANALYSIS DATA SHEET

F No. 599

PROJECT No.:

MIN - EN Laboratories Ltd.

DATE: Oct 24
1973.

Sample. Number	6 Mo ppm	10 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
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321180			17			22		.					.			
81			13			19		.					.			
82			11			20		.					.			
83			31			48		.					.			
84			48			53		.					.			
85			113			255		.					.			
86			68			49		.					.			
87			39			38		.					.			
88			133			120		.					.			
89			92			68		.					.			
90			6			11		.					.			
91			15			24		.					.			
92			19			32		.					.			
93			15			25		.					.			
94			11			17		.					.			
95			12			19		.					.			
96			15			26		.					.			
97			27			38		.					.			
98			10			22		.					.			
99			29			39		.					.			
200			48			59		.					.			
01			19			20		.					.			
02			18			23		.					.			
03			34			25		.					.			
04			23			26		.					.			
05			33			36		.					.			
06			9			13		.					.			
07			29			25		.					.			
08			28			22		.					.			
321209			39			34		.					.			

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CERTIFIED BY

Gilbert K. Hennig

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El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

F. No. 599

PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct 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				
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321210		32			38		.					.				
11		25			32		.					.				
12		24			30		.					.				
13		16			27		.					.				
14		20			33		.					.				
15		30			31		.					.				
16		18			23		.					.				
17		30			35		.					.				
18		98			61		.					.				
19		40			36		.					.				
20		20			39		.					.				
21		26			35		.					.				
22		31			38		.					.				
23		40			49		.					.				
24		41			38		.					.				
25		22			23		.					.				
26		23			28		.					.				
27		24			31		.					.				
28		35			36		.					.				
29		25			33		.					.				
30		38			34		.					.				
31		25			25		.					.				
32		35			28		.					.				
33		27			34		.					.				
34		27			69		.					.				
35		4			11		.					.				
36		25			35		.					.				
37		23			33		.					.				
38		13			20		.					.				
321239		20			28		.					.				

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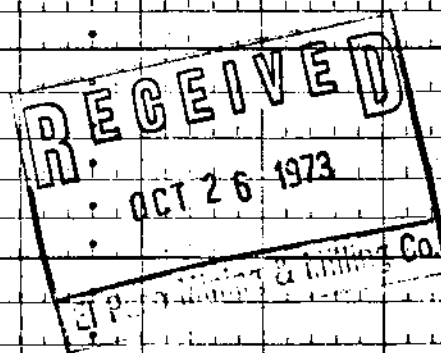
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Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm				
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321240		40			41		.					.				
41		17			26		.					.				
42		25			36		.					.				
43		17			24		.					.				
44		9			17		.					.				
45		20			26		.					.				
46		58			48		.					.				
47		27			32		.					.				
48		19			24		.					.				
49		35			38		.					.				
50		40			37		.					.				
51		30			31		.					.				
52		35			37		.					.				
53		8			17		.					.				
54		12			22		.					.				
55		21			32		.					.				
56		10			18		.					.				
57		19			29		.					.				
58		19			26		.					.				
59		17			24		.					.				
60		9			22		.					.				
61		11			21		.					.				
62		25			28		.					.				
63		22			20		.					.				
64		42			36		.					.				
65		52			22		.					.				
66		13			14		.					.				
67		20			26		.					.				
68		23			22		.					.				
321269		40			30		.					.				

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Sample. 6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
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
321270		96			86		•					•				
71		27			29		•					•				
72		24			34		•					•				
73		12			23		•					•				
74		10			14		•					•				
75		20			30		•					•				
76		38			23		•					•				
77		27			22		•					•				
78		22			34		•					•				
79		16			30		•					•				
80		17			24		•					•				
81		124			83		•					•				
82		20			23		•					•				
83		20			24		•					•				
84		13			20		•					•				
85		16			20		•					•				
86		18			31		•					•				
89		24			21		•					•				
88		38			28		•					•				
89		22			24		•					•				
90		19			26		•					•				
91		24			31		•					•				
92		38			24		•					•				
93		17			20		•					•				
94		26			19		•					•				
95		28			28		•					•				
96		33			26		•					•				
97		10			15		•					•				
98		9			13		•					•				
321299		16			23		•					•				

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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	70	75	80
61	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321300		34			38		.					.			
01		18			26		.					.			
02		13			17		.					.			
03		17			24		.					.			
04		15			20		.					.			
05		18			22		.					.			
06		59			56		.					.			
07		34			30		.					.			
08		25			33		.					.			
09		23			29		.					.			
10		21			28		.					.			
11		17			22		.					.			
12		14			17		.					.			
13		13			18		.					.			
14		21			13		.					.			
15		16			18		.					.			
16		9			16		.					.			
17		12			21		.					.			
18		18			25		.					.			
19		21			28		.					.			
20		14			14		.					.			
21		17			19		.					.			
22		26			28		.					.			
23		74			42		.					.			
24		8			9		.					.			
25		42			44		.					.			
26		54			48		.					.			
27		25			26		.					.			
28		17			19		.					.			
321329		28			28		.					.			

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Sample Number	6 Fe 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	75 150 155 160
321330		35			40		.					.		
31		44			49		.					.		
32		18			30		.					.		
33		8			16		.					.		
34		15			16		.					.		
35		9			18		.					.		
36		32			31		.					.		
37		28			29		.					.		
38		35			43		.					.		
39		270			99		.					.		
40		99			69		.					.		
41		11			21		.					.		
42		10			14		.					.		
43		320			220		.					.		
44		9			15		.					.		
45		10			20		.					.		
46		13			23		.					.		
47		32			40		.					.		
48		26			33		.					.		
49		17			25		.					.		
50		28			34		.					.		
51		26			51		.					.		
52		18			25		.					.		
53		76			41		.					.		
54		18			18		.					.		
55		20			29		.					.		
56		19			19		.					.		
57		17			16		.					.		
58		13			18		.					.		
321359		12			280		.					.		

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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
86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321360		17			22		.					.			
61		28			34		.					.			
62		18			18		.					.			
63		17			19		.					.			
64		18			24		.					.			
65		15			17		.					.			
66		25			23		.					.			
67		15			16		.					.			
68		23			31		.					.			
69		22			29		.					.			
70		23			26		.					.			
71		121			95		.					.			
72		25			28		.					.			
73		62			50		.					.			
74		9			9		.					.			
75		9			18		.					.			
76		17			12		.					.			
77		42			36		.					.			
78		11			11		.					.			
79		19			24		.					.			
80		12			16		.					.			
81		23			27		.					.			
82		43			49		.					.			
83		10			17		.					.			
84		22			24		.					.			
85		15			16		.					.			
86		17			24		.					.			
87		6			12		.					.			
88		15			20		.					.			
321389		36			41		.					.			

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Sample. 6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
Number	Mo pppm	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	160
321390		46			142		.					.			
91		27			28		.					.			
92		41			44		.					.			
93		20			32		.					.			
94		17			18		.					.			
95		11			17		.					.			
96		41			46		.					.			
97		18			25		.					.			
98		9			8		.					.			
99		39			32		.					.			
400		29			28		.					.			
01		25			31		.					.			
02		24			18		.					.			
03		23			31		.					.			
04		13			18		.					.			
05		33			34		.					.			
06		14			18		.					.			
07		28			26		.					.			
08		43			29		.					.			
09		23			22		.					.			
10		82			74		.					.			
11		44			42		.					.			
12		16			24		.					.			
13		20			19		.					.			
14		57			64		.					.			
15		16			22		.					.			
16		33			37		.					.			
17		23			27		.					.			
18		37			45		.					.			
321419		20			21		.					.			

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Sample. 6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
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	160
321420		22				19		.				.			
21		14				17		.				.			
22		12				14		.				.			
23		17				22		.				.			
24		9				15		.				.			
25		5				22		.				.			
26		20				19		.				.			
27		20				20		.				.			
28		29				35		.				.			
29		12				12		.				.			
30		51				35		.				.			
31		33				22		.				.			
32		46				36		.				.			
33		69				51		.				.			
34		80				65		.				.			
35		24				17		.				.			
36		19				22		.				.			
37		15				20		.				.			
38		11				16		.				.			
39		9				15		.				.			
40		13				19		.				.			
41		8				14		.				.			
42		7				13		.				.			
43		21				33		.				.			
44		18				35		.				.			
45		32				34		.				.			
46		21				40		.				.			
47		16				42		.				.			
48		13				20		.				.			
321449		67				44		.				.			

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DATE: Oct 24
1973.

Sample. 6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
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
321450		154				55		.				.				
51		31				56		.				.				
52		46				45		.				.				
53		29				39		.				.				
54		28				36		.				.				
55		13				19		.				.				
56		22				34		.				.				
57		18				26		.				.				
58		9				13		.				.				
59		33				32		.				.				
60		18				26		.				.				
61		11				21		.				.				
62		39				35		.				.				
63		14				20		.				.				
64		33				43		.				.				
65		44				46		.				.				
66		31				38		.				.				
67		24				15		.				.				
68		25				28		.				.				
69		39				29		.				.				
70		64				42		.				.				
71		47				31		.				.				
72		24				24		.				.				
73		28				19		.				.				
74		23				31		.				.				
75		55				64		.				.				
76		25				39		.				.				
77		38				38		.				.				
78		41				35		.				.				
321479		65				56		.				.				

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MIN - EN Laboratories Ltd.

DATE: Oct 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			
6 81	10 90	15 95	20 100	25 105	30 110	35 115	40 120	45 125	50 130	55 135	60 140	65 145	70 150	75 155	80 160
321480		22			47		•					•			
81		12			18		•					•			
82		13			21		•					•			
83		62			63		•					•			
84		21			27		•					•			
85		13			20		•					•			
86		18			24		•					•			
87		8			13		•					•			
88		18			25		•					•			
89		132			99		•					•			
90		16			23		•					•			
91		12			21		•					•			
92		21			18		•					•			
93		24			29		•					•			
94		10			13		•					•			
95		26			35		•					•			
96		24			35		•					•			
97		13			16		•					•			
98		17			27		•					•			
99		13			19		•					•			
500		53			36		•					•			
01		18			31		•					•			
02		92			66		•					•			
03		41			38		•					•			
04		41			33		•					•			
05		57			48		•					•			
06		90			60		•					•			
07		15			24		•					•			
08		44			45		•					•			
321509		27			33		•					•			

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PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct 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				
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
61	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321510		15			23		.					.				
11		37			47		.					.				
12		116			96		.					.				
13		38			42		.					.				
14		47			45		.					.				
15		51			32		.					.				
16		33			36		.					.				
17		41			47		.					.				
18		44			53		.					.				
19		39			29		.					.				
20		27			38		.					.				
21		37			41		.					.				
22		28			37		.					.				
23		28			34		.					.				
29		19			26		.					.				
25		32			47		.					.				
26		74			125		.					.				
27		49			50		.					.				
28		47			41		.					.				
29		15			28		.					.				
30		29			47		.					.				
31		21			29		.					.				
32		27			36		.					.				
33		29			33		.					.				
34		25			29		.					.				
35		27			27		.					.				
36		26			26		.					.				
37		21			25		.					.				
38		22			29		.					.				
321539		28			42		.					.				

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PROJECT No.:

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DATE: Oct 18 1973

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	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321540		28			36		•					•				
41		48			39		•					•				
42		44			43		•					•				
43		21			31		•					•				
44		100			50		•					•				
45		23			34		•					•				
46		8			11		•					•				
47		104			80		•					•				
48		45			38		•					•				
49		111			100		•					•				
50		142			106		•					•				
51		30			31		•					•				
52		105			65		•					•				
53		41			47		•					•				
54		70			78		•					•				
55		16			27		•					•				
56		29			37		•					•				
57		17			22		•					•				
58		17			23		•					•				
59		5			7		•					•				
60		14			25		•					•				
61		53			62		•					•				
62		27			39		•					•				
63		13			14		•					•				
64		32			34		•					•				
65		30			28		•					•				
66		108			38		•					•				
67		55			41		•					•				
68		53			58		•					•				
321569		23			22		•					•				

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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
321570		44			44		.					.			
71		38			51		.					.			
72		47			39		.					.			
73		38			41		.					.			
74		23			26		.					.			
75		21			26		.					.			
76		36			25		.					.			
77		25			21		.					.			
78		25			23		.					.			
79		19			14		.					.			
80		13			9		.					.			
81		39			20		.					.			
82		21			21		.					.			
83		23			25		.					.			
84		26			32		.					.			
85		33			29		.					.			
86		21			25		.					.			
87		13			20		.					.			
88		25			29		.					.			
89		118			74		.					.			
90		57			52		.					.			
91		34			32		.					.			
92		28			23		.					.			
93		19			22		.					.			
94		14			7		.					.			
95		17			23		.					.			
96		15			16		.					.			
97		29			23		.					.			
98		30			28		.					.			
321599		16			17		.					.			

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COMPAN. El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

F. No. 599

PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct 18
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				
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321600		38			37		.					.				
01		62			43		.					.				
02		39			32		.					.				
03		34			37		.					.				
04		26			24		.					.				
05		26			25		.					.				
06		24			28		.					.				
07		34			59		.					.				
08		30			65		.					.				
09		61			52		.					.				
10		68			68		.					.				
11		23			19		.					.				
12		54			32		.					.				
13		25			18		.					.				
14		16			20		.					.				
15		98			72		.					.				
16		39			27		.					.				
17		51			49		.					.				
18		38			42		.					.				
19		14			19		.					.				
20		25			15		.					.				
21		30			37		.					.				
22		20			31		.					.				
23		18			22		.					.				
24		27			22		.					.				
25		93			67		.					.				
26		32			23		.					.				
27		23			22		.					.				
28		49			35		.					.				
321629		53			43		.					.				

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GEOCHEMICAL ANALYSIS DATA SHEET

F No. 599

PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct 24
1973.

Sample Number	Mo ppmm	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
321630		28			26		.					.			
31		127			123		.					.			
32		68			99		.					.			
33		51			65		.					.			
34		41			43		.					.			
35		24			30		.					.			
36		48			79		.					.			
37		30			28		.					.			
38		29			16		.					.			
39		22			24		.					.			
40		33			40		.					.			
41		21			29		.					.			
42		24			30		.					.			
43		18			12		.					.			
44		22			23		.					.			
45		29			35		.					.			
46		24			22		.					.			
47		16			17		.					.			
48		23			22		.					.			
49		106			106		.					.			
50		38			35		.					.			
51		48			40		.					.			
52		35			36		.					.			
53		19			27		.					.			
54		31			36		.					.			
55		33			19		.					.			
56		37			32		.					.			
57		26			19		.					.			
58		43			42		.					.			
321659		34			31		.					.			

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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 81	10 90	15 95	20 100	25 105	30 110	35 115	40 120	45 125	50 130	55 135	60 140	65 145	70 150	75 155	80 160
321660		25			20		.					.			
61		43			35		.					.			
62		18			19		.					.			
63		24			71		.					.			
64		88			108		.					.			
65		147			156		.					.			
66		36			50		.					.			
67		no sample					.					.			
68		19			28		.					.			
69		18			58		.					.			
70		32			46		.					.			
71		112			107		.					.			
72		55			50		.					.			
73		29			30		.					.			
74		26			25		.					.			
75		30			19		.					.			
76		60			53		.					.			
77		37			45		.					.			
78		38			25		.					.			
79		32			27		.					.			
80		25			27		.					.			
81		16			17		.					.			
82		22			25		.					.			
83		22			17		.					.			
84		38			34		.					.			
85		66			51		.					.			
86		23			18		.					.			
87		57			43		.					.			
88		102			104		.					.			
321689		25			35		.					.			

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PROJECT No. _____

MIN - EN Laboratories Ltd.

DATE Oct 25
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	70	75	80
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	160
321690		18			23		.					.			
91		32			39		.					.			
92		49			57		.					.			
93		30			20		.					.			
94		80			80		.					.			
95		63			88		.					.			
96		30			55		.					.			
97		92			122		.					.			
98		21			37		.					.			
99		37			40		.					.			
700		30			36		.					.			
01		46			79		.					.			
02		48			41		.					.			
03		62			36		.					.			
04		57			34		.					.			
05		45			37		.					.			
06		34			43		.					.			
07		44			53		.					.			
08		56			54		.					.			
09		10			13		.					.			
10		12			16		.					.			
11		16			24		.					.			
12		16			19		.					.			
13		12			15		.					.			
14		25			31		.					.			
15		17			19		.					.			
16		17			23		.					.			
17		24			30		.					.			
18		49			40		.					.			
321719		12			14		.					.			

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F No. 599

PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct 25

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	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321720		335			81		.					.				
21		36			35		.					.				
22		33			33		.					.				
23		118			65		.					.				
24		185			62		.					.				
25		29			66		.					.				
26		35			35		.					.				
27		64			80		.					.				
28		19			32		.					.				
29		26			51		.					.				
30		130			95		.					.				
31		41			47		.					.				
32		104			75		.					.				
33		77			63		.					.				
34		no sample					.					.				
35		no sample					.					.				
36		no sample					.					.				
37		58			75		.					.				
38		57			36		.					.				
39		35			30		.					.				
40		19			21		.					.				
41		33			21		.					.				
42		18			16		.					.				
43		19			21		.					.				
44		20			22		.					.				
45		28			22		.					.				
46		58			64		.					.				
47		44			45		.					.				
48		65			66		.					.				
321749		19			14		.					.				

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El Paso Mining

GEOCHEMICAL ANALYSIS DATA SHEET

No. 599

PROJECT No.:

MIN - EN Laboratories Ltd.

DATE: Oct 251973.

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	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321750		31			19		.					.				
51		82			45		.					.				
52		50			39		.					.				
53		34			32		.					.				
54		43			42		.					.				
55		61			47		.					.				
56		37			41		.					.				
57		81			78		.					.				
58		26			28		.					.				
59		67			57		.					.				
60		48			52		.					.				
61		84			64		.					.				
62		46			40		.					.				
63		31			44		.					.				
64		21			29		.					.				
65		16			24		.					.				
66		56			59		.					.				
67		16			25		.					.				
68		310			77		.					.				
69		21			27		.					.				
70		16			16		.					.				
71		21			25		.					.				
72		19			27		.					.				
73		22			32		.					.				
74		50			58		.					.				
75		69			59		.					.				
76		32			39		.					.				
77		18			27		.					.				
78		23			26		.					.				
321779		20			21		.					.				

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William H. Hamilton

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				
61	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321780		37			43		.					.				
81		39			41		.					.				
82		no sample					.					.				
83		28			33		.					.				
84		84			52		.					.				
85		32			52		.					.				
86		26			31		.					.				
87		54			54		.					.				
88		76			62		.					.				
89		67			65		.					.				
90		21			23		.					.				
91		44			38		.					.				
92		67			39		.					.				
93		25			29		.					.				
94		45			51		.					.				
95		15			19		.					.				
96		22			15		.					.				
97		58			46		.					.				
98		72			44		.					.				
99		21			26		.					.				
800		29			32		.					.				
01		16			18		.					.				
02		28			31		.					.				
03		19			19		.					.				
04		21			27		.					.				
05		35			61		.					.				
06		21			27		.					.				
07		59			65		.					.				
08		45			61		.					.				
321809		29			25		.					.				

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F No. 599

PROJECT No. _____

MIN - EN Laboratories Ltd.

DATE: Oct 25

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			
61	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321810		30			39		.					.			
11		66			65		.					.			
12		31			38		.					.			
13		19			34		.					.			
14		31			38		.					.			
15		18			34		.					.			
16		26			37		.					.			
17		19			30		.					.			
18		13			20		.					.			
19		20			32		.					.			
20		80			54		.					.			
21		34			27		.					.			
22		43			37		.					.			
23		28			26		.					.			
24		25			28		.					.			
25		no sample					.					.			
26		no sample					.					.			
27		no sample					.					.			
28		no sample					.					.			
29		no sample					.					.			
30		no sample					.					.			
31		no sample					.					.			
32		20			22		.					.			
33		23			36		.					.			
34		35			43		.					.			
35		15			23		.					.			
36		14			25		.					.			
37		14			12		.					.			
38		51			41		.					.			
321839		46			49		.					.			

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F. No. 599

PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct 25
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	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321840		39			45		.					.				
41		21			23		.					.				
42		26			35		.					.				
43		no sample					.					.				
44		no sample					.					.				
45		no sample					.					.				
46		no sample					.					.				
47		no sample					.					.				
48		44			48		.					.				
49		13			22		.					.				
50		28			43		.					.				
51		26			36		.					.				
52		43			43		.					.				
53		53			63		.					.				
54		41			50		.					.				
55		37			54		.					.				
56		65			76		.					.				
57		48			60		.					.				
54		32			46		.					.				
59		25			32		.					.				
60		72			69		.					.				
61		43			52		.					.				
62		37			43		.					.				
63		26			27		.					.				
64		36			35		.					.				
65		13			31		.					.				
66		84			100		.					.				
67		12			42		.					.				
68		7			14		.					.				
321869		37			60		.					.				

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PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct 25

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	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321870		24			53		.					.				
71		29			62		.					.				
72		24			26		.					.				
73		37			37		.					.				
74		102			158		.					.				
75		35			45		.					.				
76		22			31		.					.				
77		71			83		.					.				
78		37			47		.					.				
79		31			42		.					.				
80		32			43		.					.				
81		41			56		.					.				
82		33			43		.					.				
83		33			40		.					.				
84		44			61		.					.				
85		28			44		.					.				
86		43			49		.					.				
87		23			46		.					.				
88		24			35		.					.				
89		no sample					.					.				
90		no sample					.					.				
91		37			31		.					.				
92		33			42		.					.				
93		10			13		.					.				
94		12			18		.					.				
95		18			28		.					.				
96		18			25		.					.				
97		19			30		.					.				
98		37			22		.					.				
321899		17			22		.					.				

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PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Oct 25
1973.

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
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				
61	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
321900		12			19		.					.				
01		28			30		.					.				
02		17			22		.					.				
03		22			27		.					.				
04		35			43		.					.				
05		14			26		.					.				
06		30			33		.					.				
07		17			25		.					.				
08		no sample					.					.				
09		42			45		.					.				
10		41			45		.					.				
11		60			54		.					.				
12		25			40		.					.				
13		24			36		.					.				
14		23			30		.					.				
15		18			27		.					.				
16		34			38		.					.				
17		40			46		.					.				
18		44			34		.					.				
19		42			61		.					.				
20		37			50		.					.				
21		43			47		.					.				
22		44			40		.					.				
23		36			32		.					.				
24		32			40		.					.				
25		16			21		.					.				
26		17			33		.					.				
27		38			45		.					.				
28		23			43		.					.				
321929		49			70		.					.				

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MIN - EN Laboratories Ltd.

DATE: Oct 25

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Sample. 6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
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
321930		15				37		.					.			
31		17				42		.					.			
32		18				34		.					.			
33		17				28		.					.			
34		23				56		.					.			
35		27				32		.					.			
36		37				46		.					.			
37		50				41		.					.			
38		34				31		.					.			
39		31				44		.					.			
40		58				44		.					.			
41		38				31		.					.			
42		28				39		.					.			
43		41				30		.					.			
44		40				33		.					.			
45		28				28		.					.			
46		24				22		.					.			
47		40				48		.					.			
48		85				69		.					.			
49		46				45		.					.			
50		82				59		.					.			
51		26				29		.					.			
52		37				28		.					.			
53		19				23		.					.			
54		20				25		.					.			
55		24				36		.					.			
56		18				21		.					.			
57		20				21		.					.			
58		20				25		.					.			
321959		15				22		.					.			

RECEIVED
 OCT 26 1973
 C.C.

CERTIFIED BY Albert V. Hamerville

A P P E N D I X B

STATEMENT OF COSTS

STATEMENT OF COSTS

SALARIES - OCTOBER 5th - 15th, 1973

CONTRACT - LINE MARKING, SOIL SAMPLING-----\$ 1,500.00
MAGNETOMETER READINGS -

M. MORET
B. NIXON
M. CLEMENZA

B. TAYLOR - OCTOBER 12-15, 1973
4 days @ \$1406/month----- 188.00

MEALS AND ACCOMMODATION

37 man days @ \$10.00/day----- 10.00

TRANSPORTATION

VEHICLE RENTAL
15 days @ \$248/month ----- 124.00

OTTER (MOVE-IN)
50 miles @ \$1.30/mile----- 65.00

HELICOPTER (MOVE-IN AND OUT - PLUS SERVICING)
2.3 hours @ \$244/hour----- 561.00

ASSAYS

930 Soil Samples @ \$1.65/sample----- 1,534.50

REPORT PREPARATION AND DRAFTING-----\$ 300.00

TOTAL \$ 4,642.50

A P P E N D I X C

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Bertram Taylor, of the District of North Vancouver, in the Province of British Columbia, hereby certify that:

1. I am a geologist, residing at 1981 Hyannis Drive
North Vancouver District,
British Columbia
2. I graduated from the University of Saskatchewan in 1941,
with a degree - Bachelor of Science in Geological
Engineering.
3. I am a member of the Corporation of Professional Engineers
of Quebec (1952) and of the Association of Professional
Engineers of the Province of British Columbia (1971).
4. I am a member of the Canadian Institute of Mining and
Metallurgy (1964) and of the Geological Association of
Canada (1953).
5. I have practiced my profession as a geologist for 32 years
in Quebec, Newfoundland and British Columbia.
6. The present report is based on work performed on the
NICK Claims - OCTOBER 5th - 15th, 1973 and study of the
references referred to.
7. The examination was made and this report written as part
of my employment by EL PASO MINING AND MILLING COMPANY.

4706



- LEGEND
- QUATERNARY
 - CARBONACEOUS QUARTZITE
 - GABBRO
 - ANDESITE
- SYMBOLS
- OUTCROP AREA
 - KAME
 - DRUMLIN AND STRIKE
 - CLAIM POST
 - STREAM
 - CONTACT, ASSUMED
 - FAULT, ASSUMED

4706

M4
ASSESSMENT REPORT
NO. 4706 MAP #4

EL PASO MINING AND MILLING COMPANY DEL NORTE MINING GROUP			
GEOLOGY			
NICK MINERAL CLAIM GROUP MCLEOD LAKE AREA CARIBOO MINING DIVISION, BRITISH COLUMBIA			
DRAWN BY: PV.	DATE: NOV. 1973	SCALE:	1"=200'
TRACED BY:	DATE:	REVISED:	DATE:
REVISED:	DATE:	REVISED:	DATE:
DRAWING NO.:			93-J-14-A2

B. Taylor

4706



LEGEND
 CONTOUR INTERVAL AS SHOWN
 [White Box] BACKGROUND 49 PPM AND LESS
 [White Box with Black Border] THRESHOLD 90 PPM
 [Yellow Box] POSSIBLY ANOMALOUS > 90 PPM

4706
M5

Department of
 Mines and Technical Surveys
 GEOCHEMICAL SOILS
 COPPER IN PPM
 NICK MINERAL CLAIM GROUP
 McLEOD LAKE AREA
 CARIBOO MINING DIVISION, BRITISH COLUMBIA

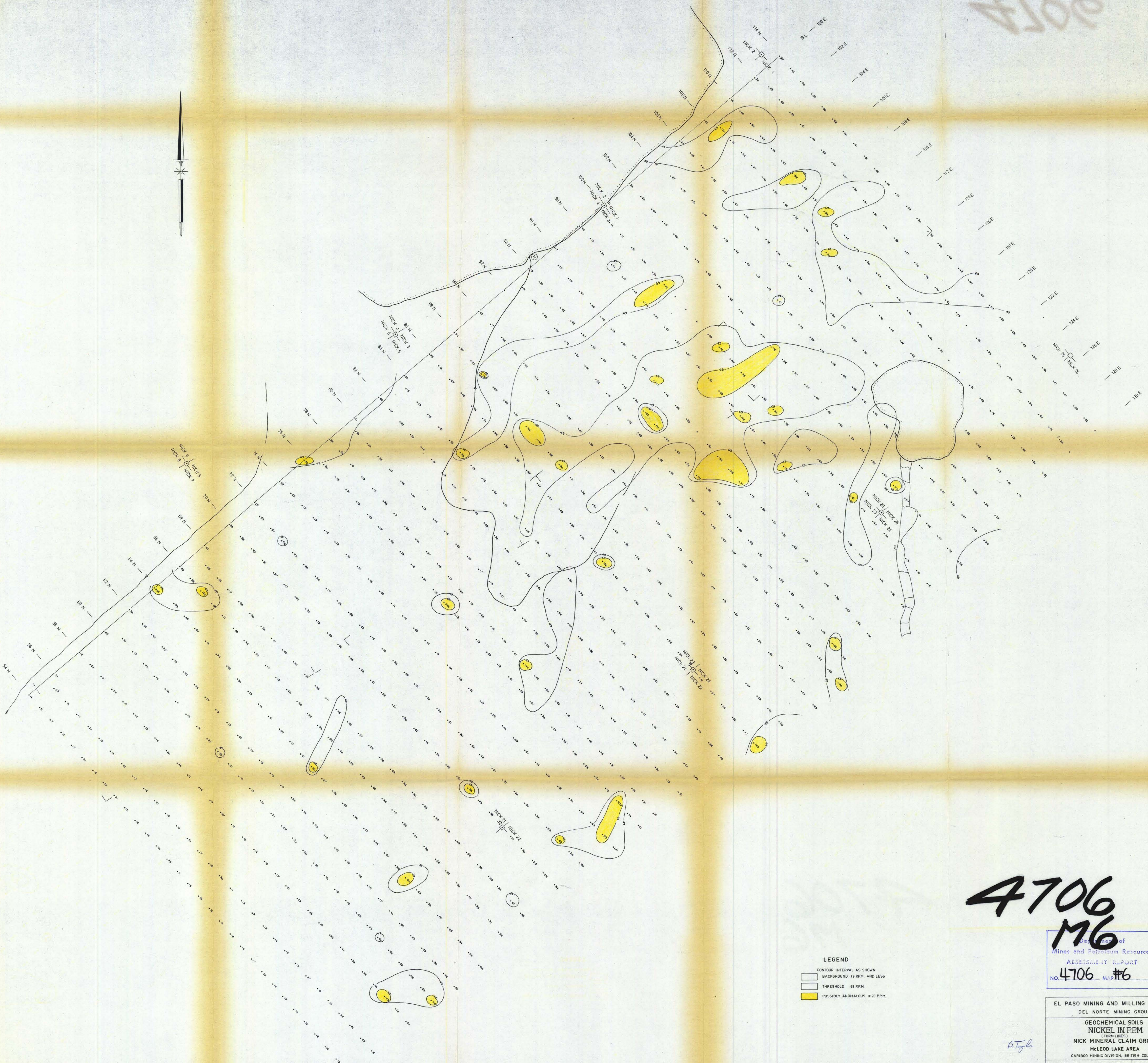
EL PASO MINING AND MILLING COMPANY
 DEL NORTE MINING GROUP
 GEOCHEMICAL SOILS
 COPPER IN PPM
 (FORM LINES)
 NICK MINERAL CLAIM GROUP
 McLEOD LAKE AREA
 CARIBOO MINING DIVISION, BRITISH COLUMBIA

DRAWN BY	P.V.	DATE	NOV 1973	SCALE	1:200'
TRACED BY		DATE			
REVISED	DATE	REVISED	DATE		

DRAWING NO. 93-J-14-A3

FIELDWORK OCT 1973
 BY: M. MORET, B. DIXON

4706



LEGEND

- CONTOUR INTERVAL AS SHOWN
- BACKGROUND 49 PPM AND LESS
- THRESHOLD 69 PPM
- POSSIBLY ANOMALOUS > 70 PPM

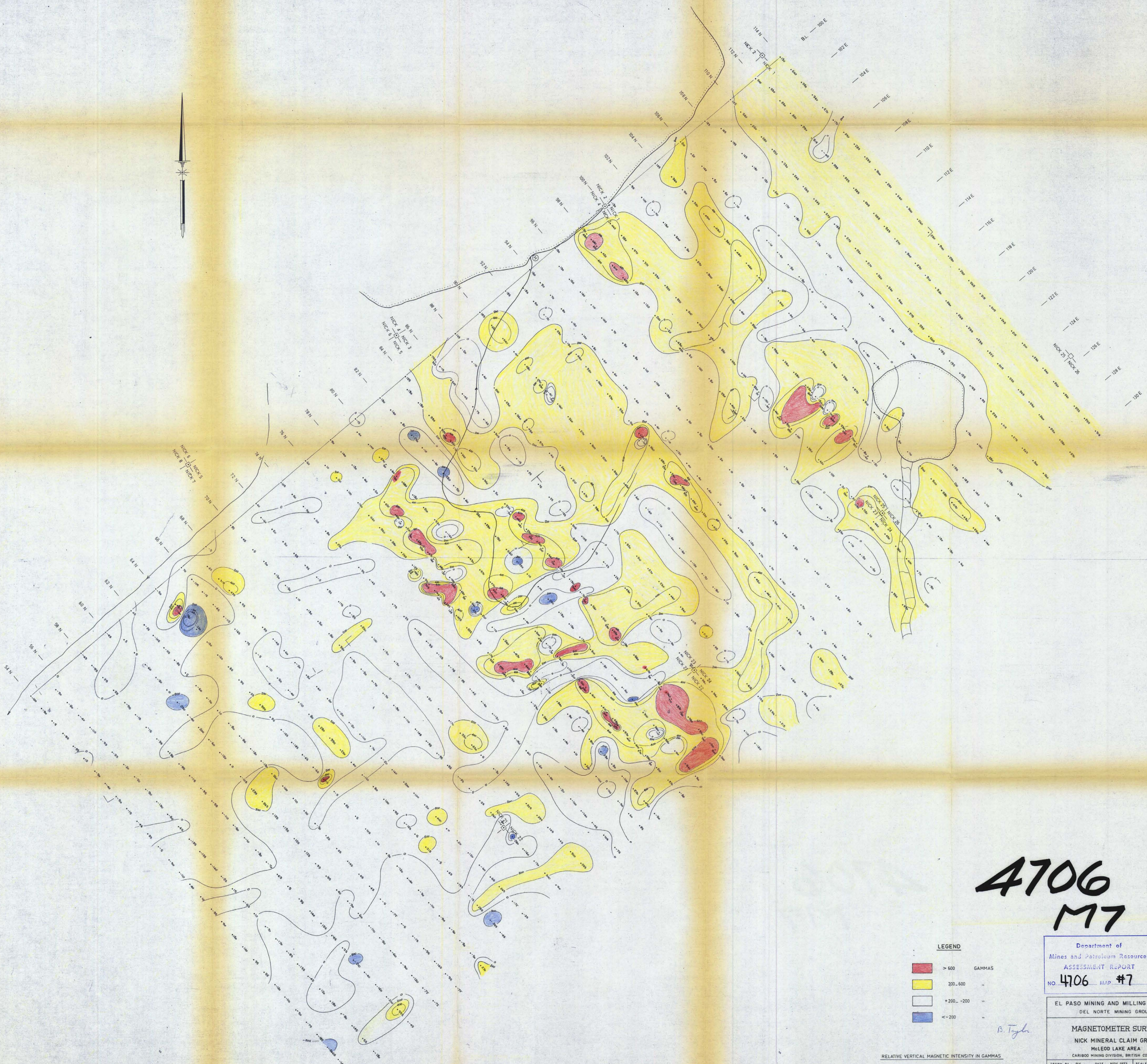
4706
M6

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4706 MAP #6

EL PASO MINING AND MILLING COMPANY
DEL NORTE MINING GROUP
GEOCHEMICAL SOILS
NICKEL IN PPM
(FORM LINES)
NICK MINERAL CLAIM GROUP
McLEOD LAKE AREA
CARIBOO MINING DIVISION, BRITISH COLUMBIA

DRAWN BY: P.V.	DATE: NOV. 1973	SCALE: 1:200'
TRACED BY:	DATE:	
REVISED DATE:	REVISED DATE:	DRAWING NO.
		93-J-14-A4

FIELDWORK OCT. 1973
BY: M. MORET, B. DIXON



LEGEND

Red	> 600	GAMMAS
Yellow	200-600	"
White	+200-200	"
Blue	< -200	"

4706
M7

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4706 MAP #7

EL PASO MINING AND MILLING COMPANY
DEL NORTE MINING GROUP

MAGNETOMETER SURVEY
NICK MINERAL CLAIM GROUP
MCLEOD LAKE AREA
CARIBOO MINING DIVISION, BRITISH COLUMBIA

DRAWN BY: P.V.L.	DATE: NOV. 1973	SCALE: 1:200'
TRACED BY:	DATE:	
REVISED DATE:	REVISED DATE:	DRAWING NO.:

RELATIVE VERTICAL MAGNETIC INTENSITY IN GAMMAS

FIELDWORK: OCT. 1973
BY: M. MORET, B. NIXON, M. CARMENZI

93-J-14-A5