



32D125W0108 2.1223 HARKER

010

COMINEX LIMITED

REPORT ON

HARKER TOWNSHIP GOLD PROPERTY

BY

W. J. MATTHEWS, P. ENG.

November, 1972

LAMPLUGH TWP
HARKER TWP

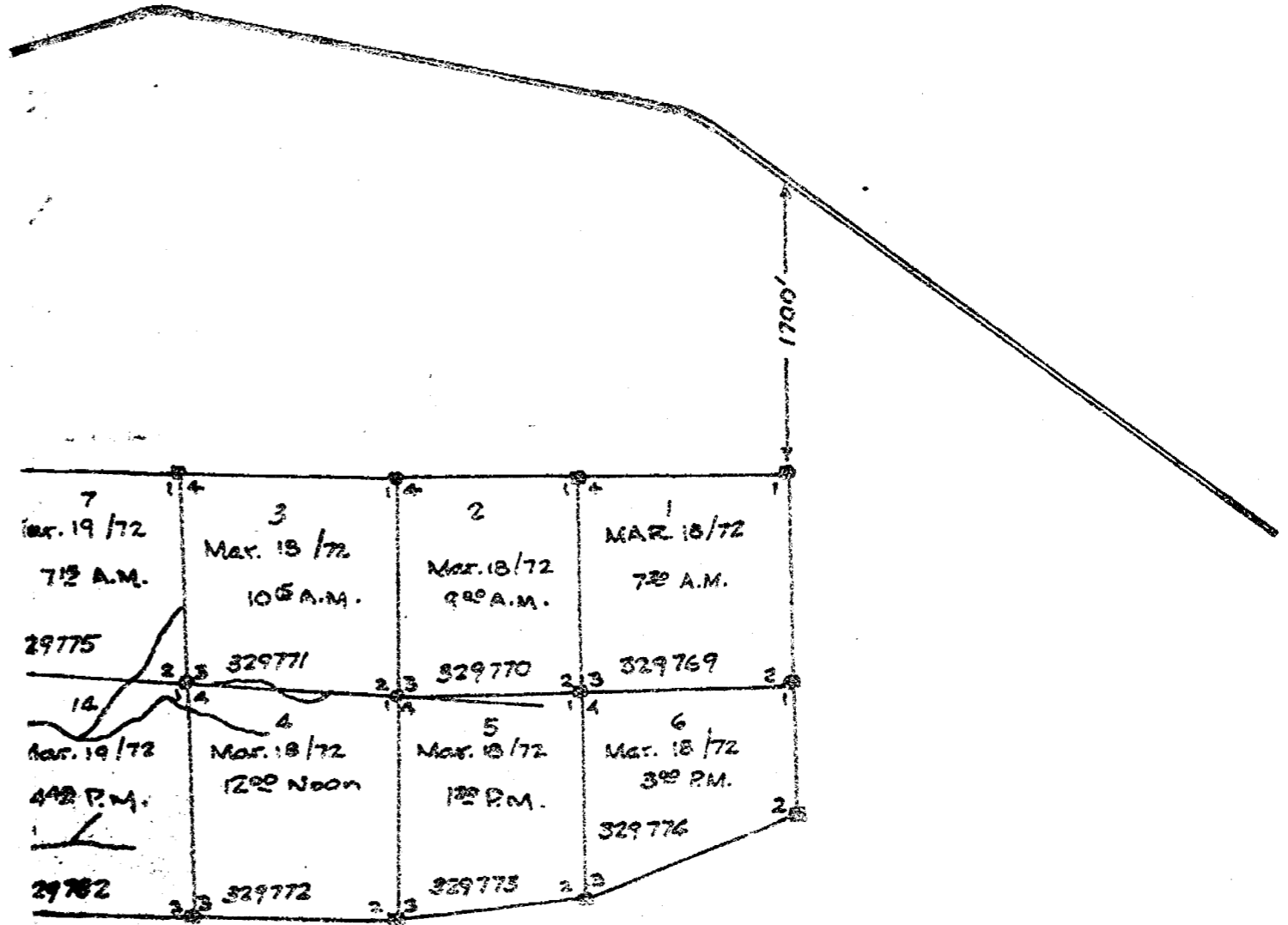
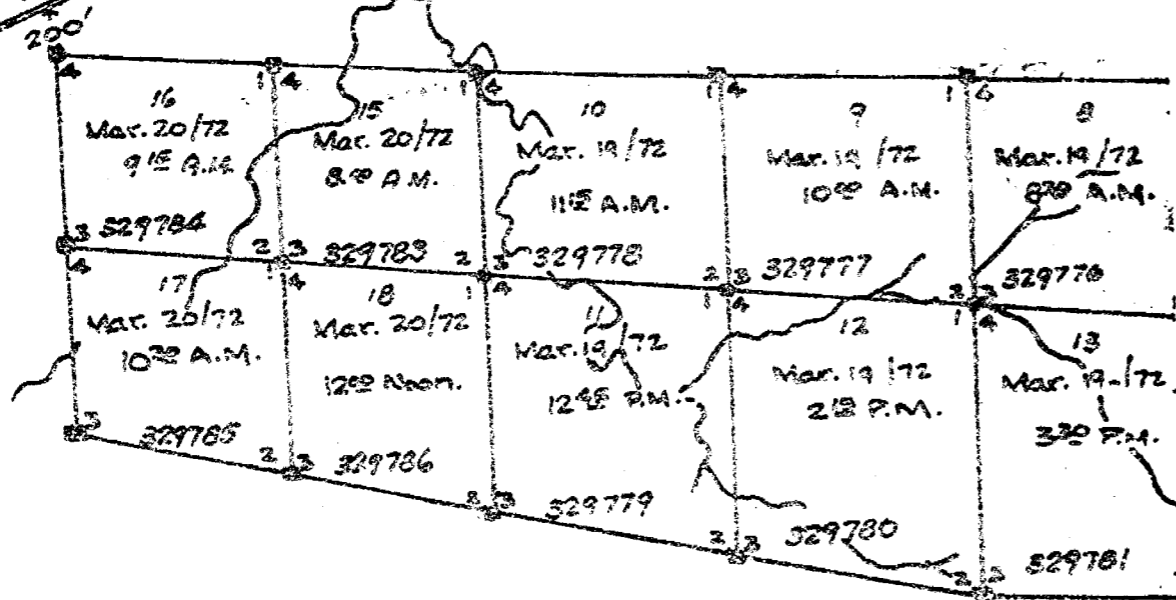
SCALE: 1 IN. = 1000 FT.
GROUND CONTROL AFTER
O.D.M. MAP 1951-4

Staking by V.J. Matthews, P.E.
March 1972 *ajm*

AST
702.120V

Highway 101

2100'



1700'

LAMPLUGH TWP
HARKER TWP

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

A two phase biogeochemical program has been carried out over an 17 claim group in Barker Township, thirty miles east of Matheson, Ontario over the projected Chapman-Denton Fault, a known gold-bearing structure. Early results showed the possibility of two continuous mineralization traverses in an east-west direction across the property.

Three diamond drill holes, totalling 2400 feet, are recommended at a cost of \$24,000.00.

1

PROPERTY

Eighteen contiguous unpatented mining claims, numbered 1229769 to 1229786 inclusive, were noted by the writer in March 1972 in Huron Township and were recorded in Rickland files in April 1972.

The property is located within the area designated on the Map of the Huron, Lapland, and Indian Reserves, and is situated on the 16, a contract with the province of Ontario is required under the aforementioned program. The report was prepared on May 22, 1972 under program number 1229769 to 1229786.

The writer recommended a three-phase program totaling \$12,000,000. Under the terms of Contract 11-77, the Government of Ontario agrees to pay one-third of the cost, that is \$4,000,000, providing that 75 percent of the total cost is spent before 12-31-77.

By the end of November 1972, the field investigation had been completed and a copy of approximately 22,000

PROPERTY AND ACCESS

The claims and claim group are located in Huron Township, under the Mining Division.

The property is accessible via highway 101 from the north end of Katchewan, Ontario, on the highway from the highway north to Bonaventure, Quebec. The property is located south of this highway and is well located for road access north of the highway end boundary.

Location maps are shown on each page of the report.

PROPERTY

The Huron Township was mapped by D. C. Cook in 1951 and the report was published in 1951 as a result of a project of the Department of the Interior. A copy of a portion of the map is shown on the following page.

Section 16 shows the property area to be underlain by a variety of sedimentary and basic volcanic rocks. The rocks are primarily of acid and basic igneous rocks. A variety of primary igneous rocks were identified in the

of what?
yes, of what?



[Faint, mostly illegible text from a document or form, possibly containing a list or table of items.]

that copper, lead, zinc, silver and chromium were indicated. Arsenic was also tested due to the possible presence of arsenopyrite in the gold-bearing structures. Background values for the tested elements vary across the property possibly due to variations in thickness of overburden. Anomalous zones are ones in which values exceed background and are verified by at least four of the six elements.

The assay results indicate two continuous possible gold-bearing structures traversing the property in an east-west direction. The most diagnostic of the six elements are silver, copper, lead and zinc which verifies previous findings.

The assay results for the six tested elements have been emphasized on six separate maps (appended) at a scale of 1 inch = 200 feet. Assay profiles for all of the 30 north-south cross lines are also appended.

A structural interpretation map, based on assay results is also included with the report. Figures 2 and 3, the following two pages, are portions of this map showing trends indicated by specific elements. Each figure shows the location of a proposed drill hole.

CONCLUSIONS AND RECOMMENDATIONS

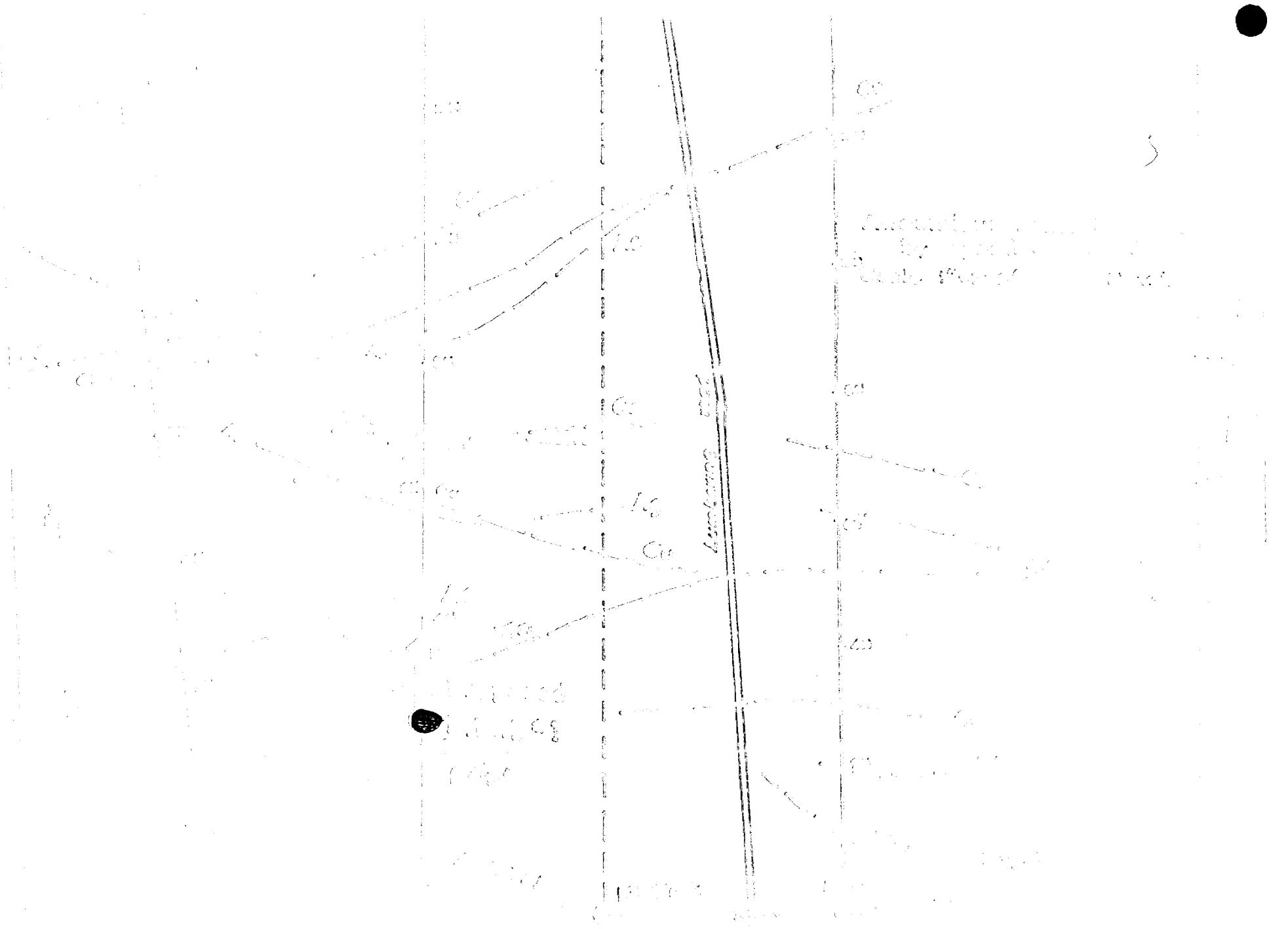
Based on assay results obtained in the above surveys, it is suggested that at least two continuous possible gold-bearing structures traverse the property in an east-west direction. Two drill holes have been recommended to intersect these structures. Proposed D.D.H. No. 1, located on line 11, at 250 feet north of the south boundary, should be drilled north at 45 degrees for a recommended depth of 600 feet. Proposed D.D.H. No. 2 is located on line 44 at 1025 feet north and it should also be drilled north at 45 degrees for a recommended depth of 800 feet. Further drilling will be contingent upon the results of these holes. It is felt that the assay results warrant at least 2 holes for a total footage of 2400 feet.

The cost of this drilling would be \$24,000.00 including preparation and assaying.

All of which is respectfully submitted,

W. J. Matthews

W. J. Matthews, P. Eng.



Section 2000
by road
2000 ft

Section 2000
2000

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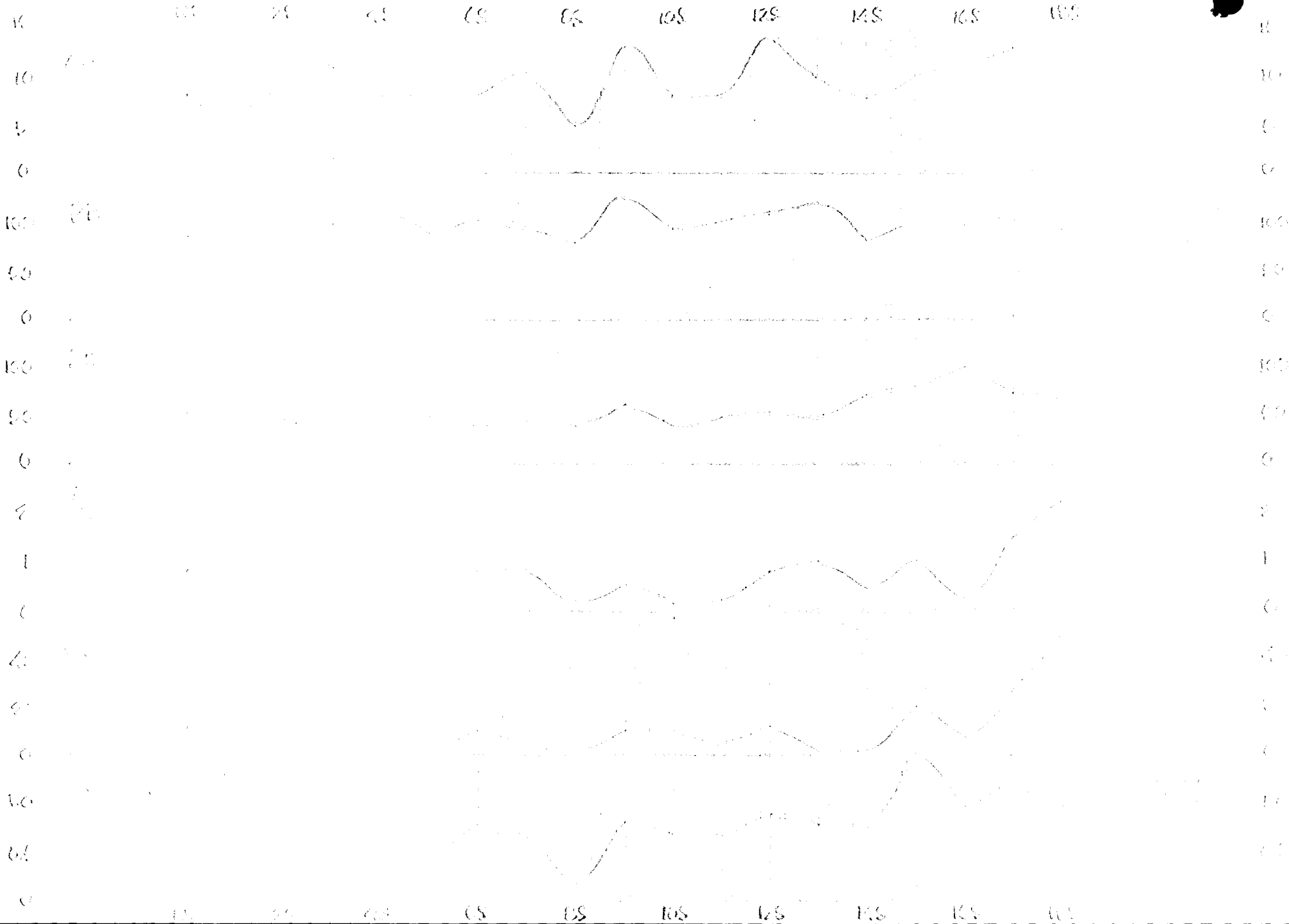


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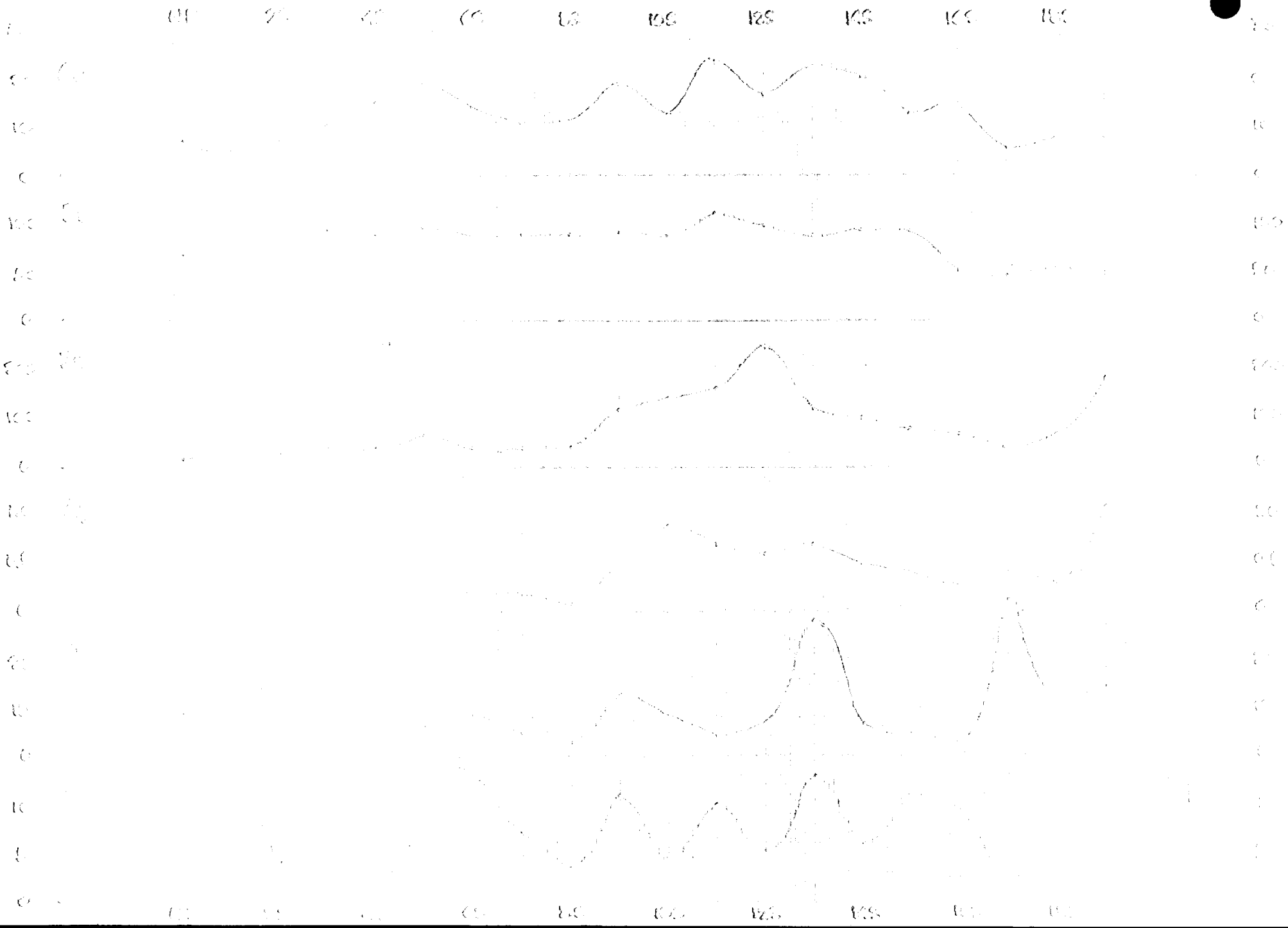
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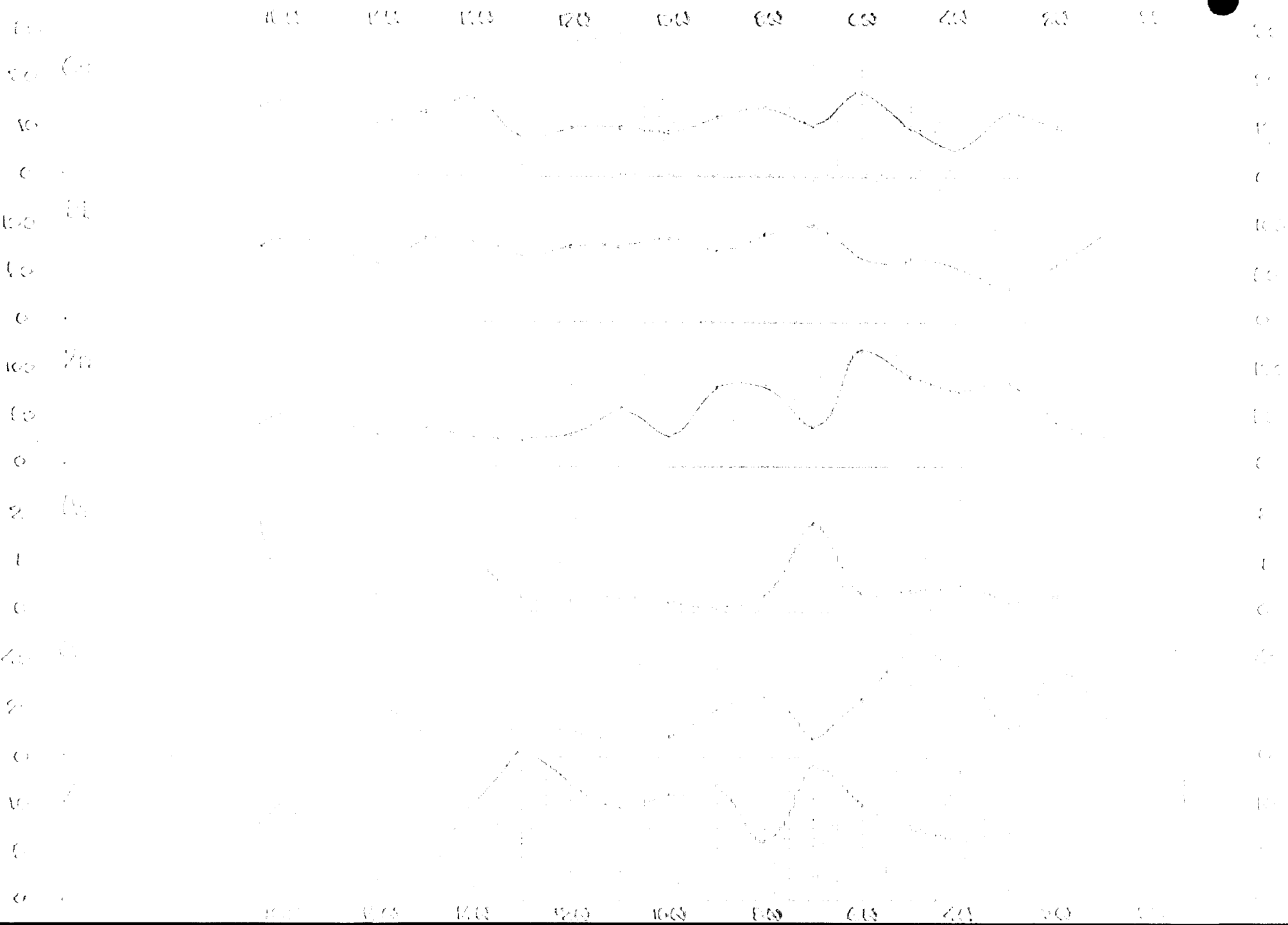
APPENDIX I

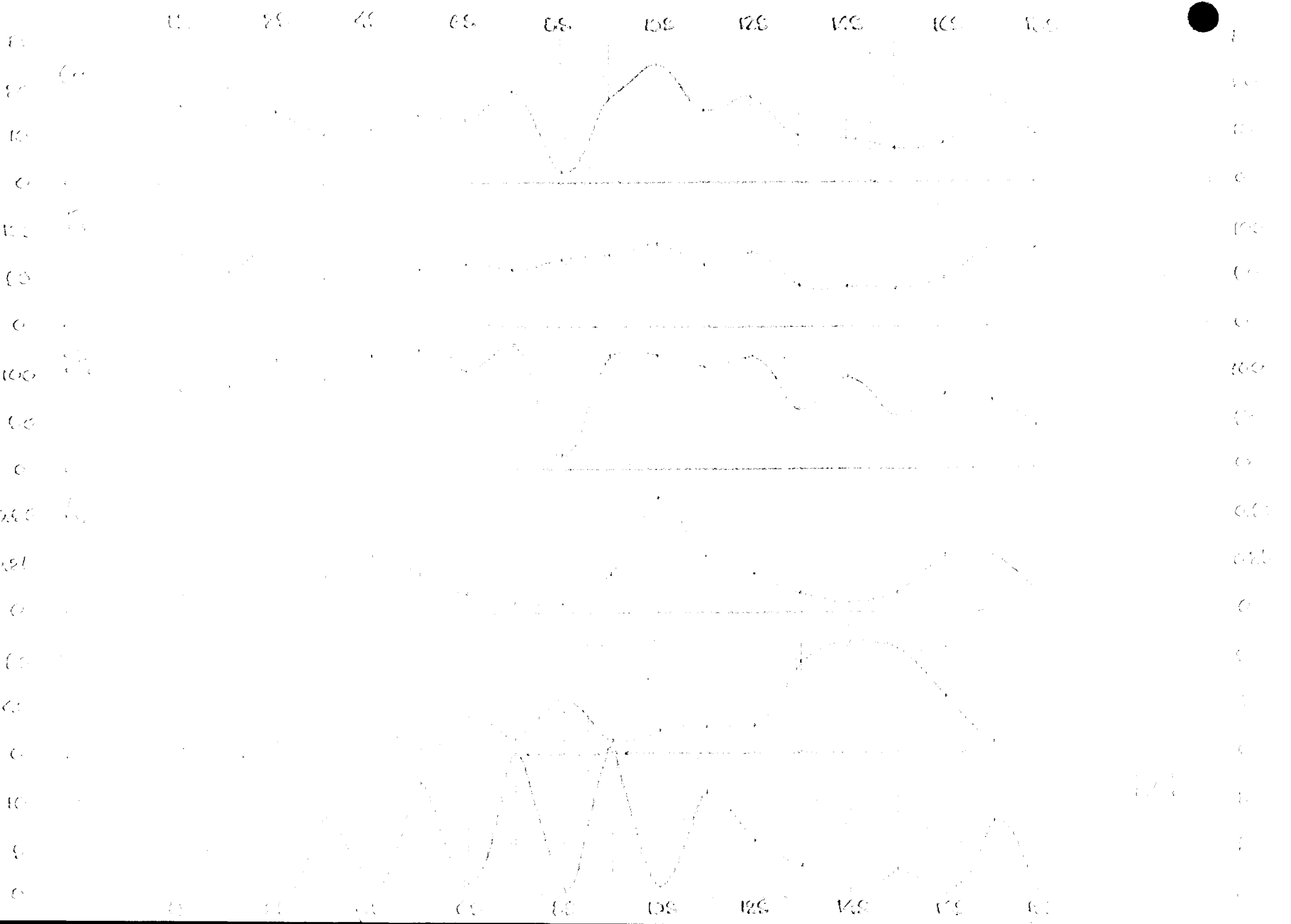
PROFILES OF CROSSLINES.

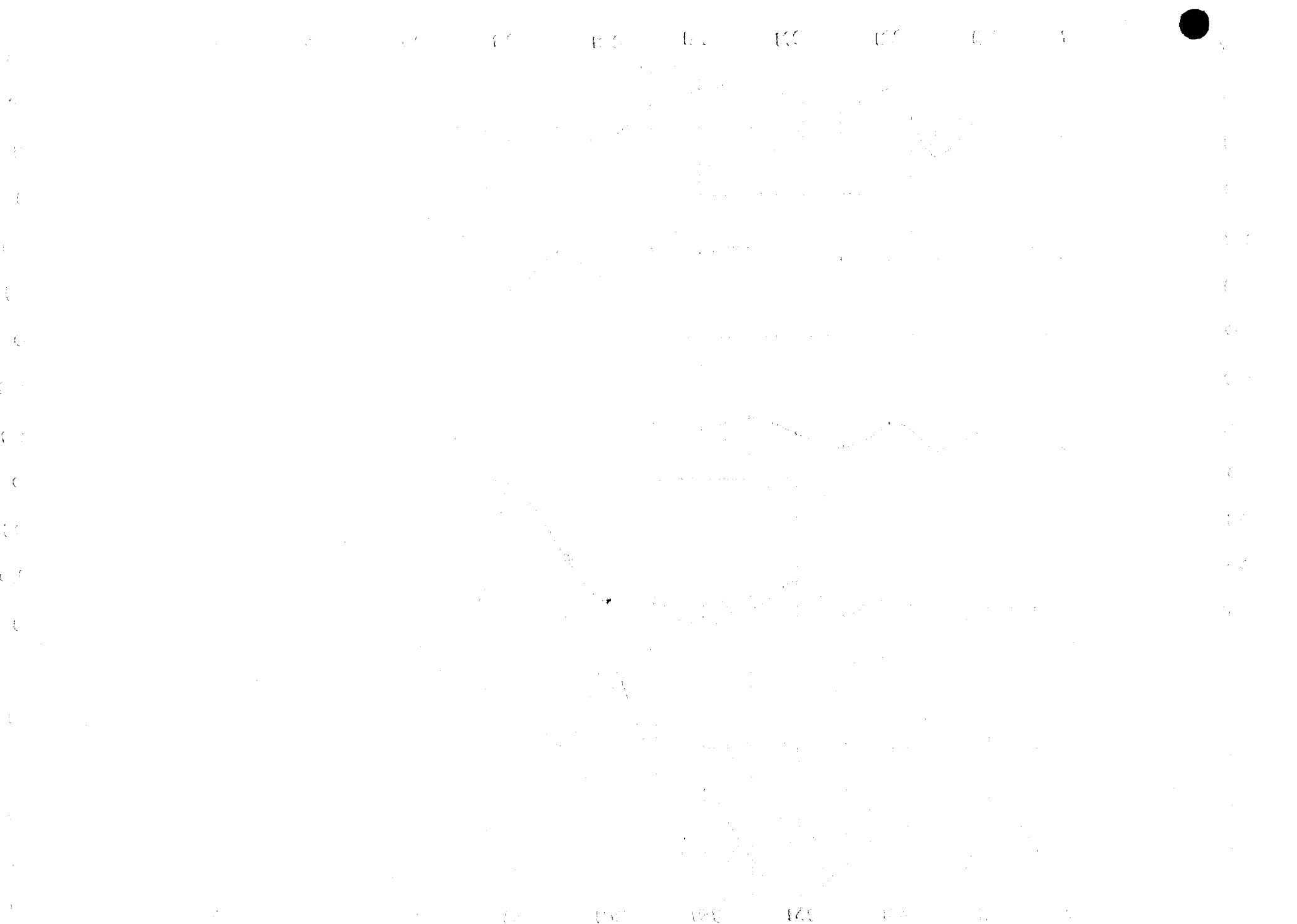


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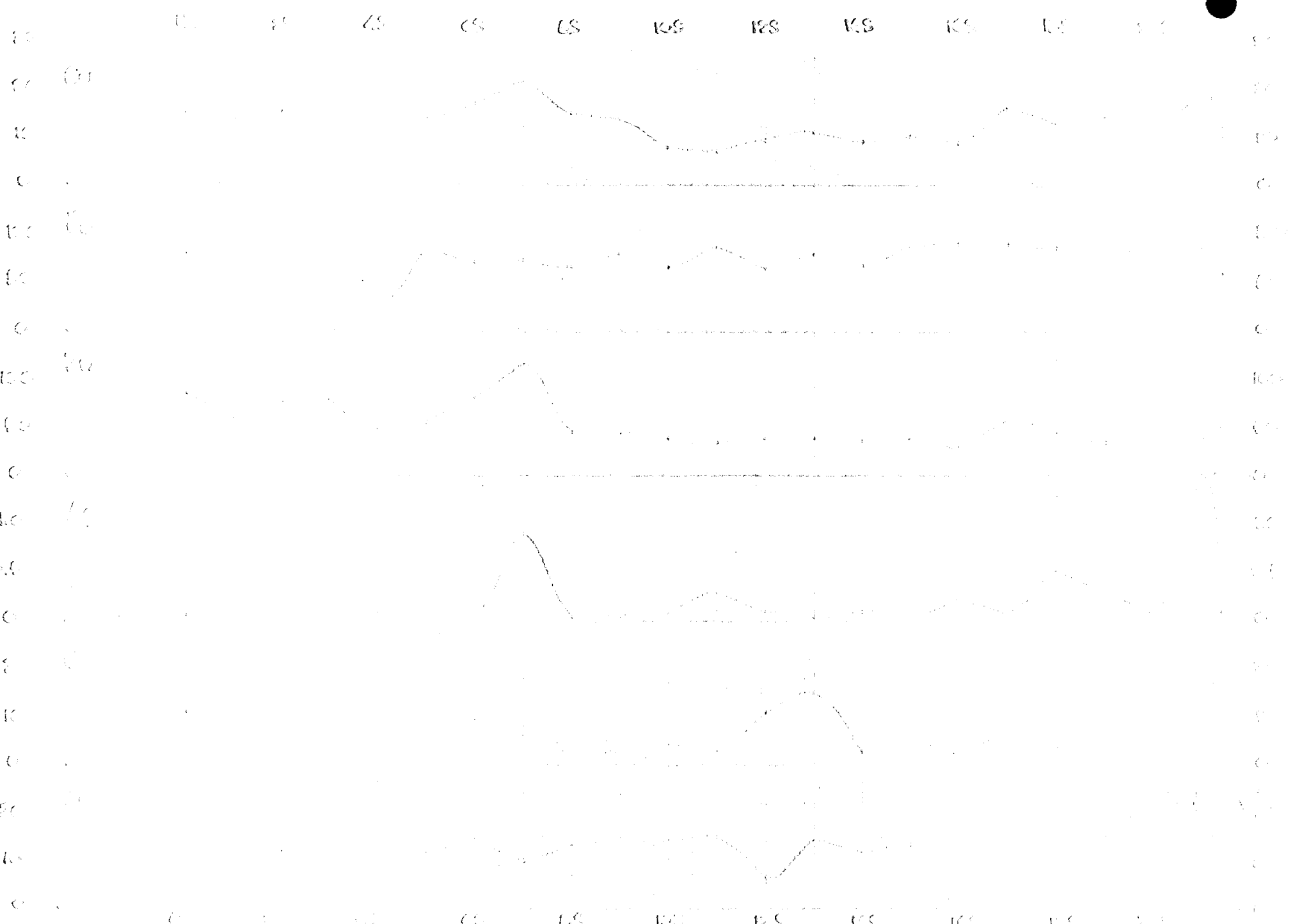






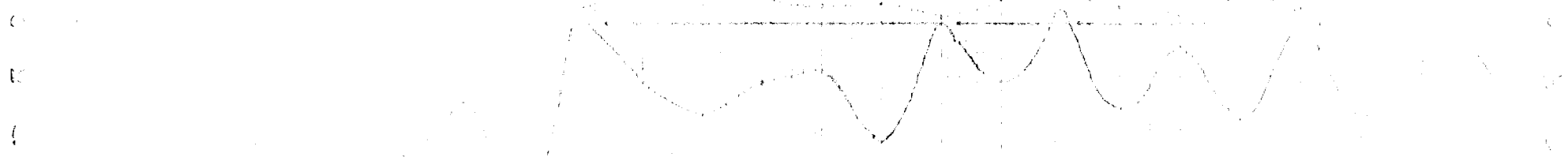
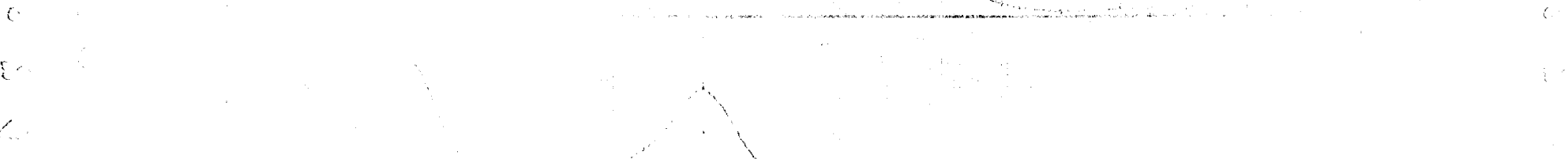
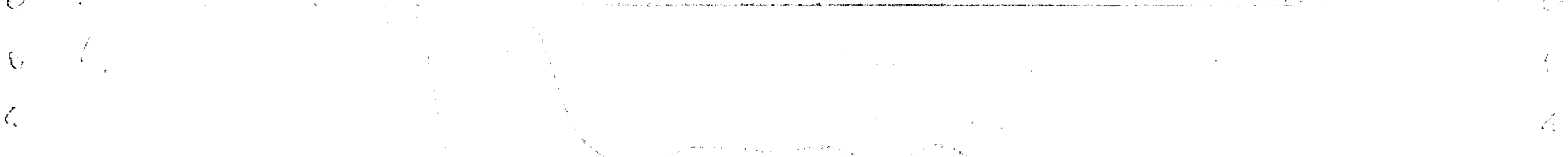
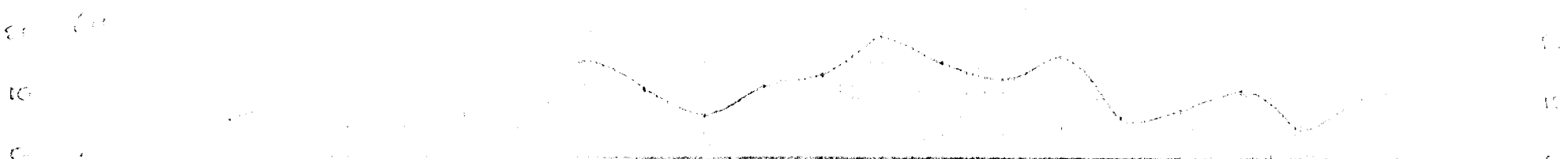


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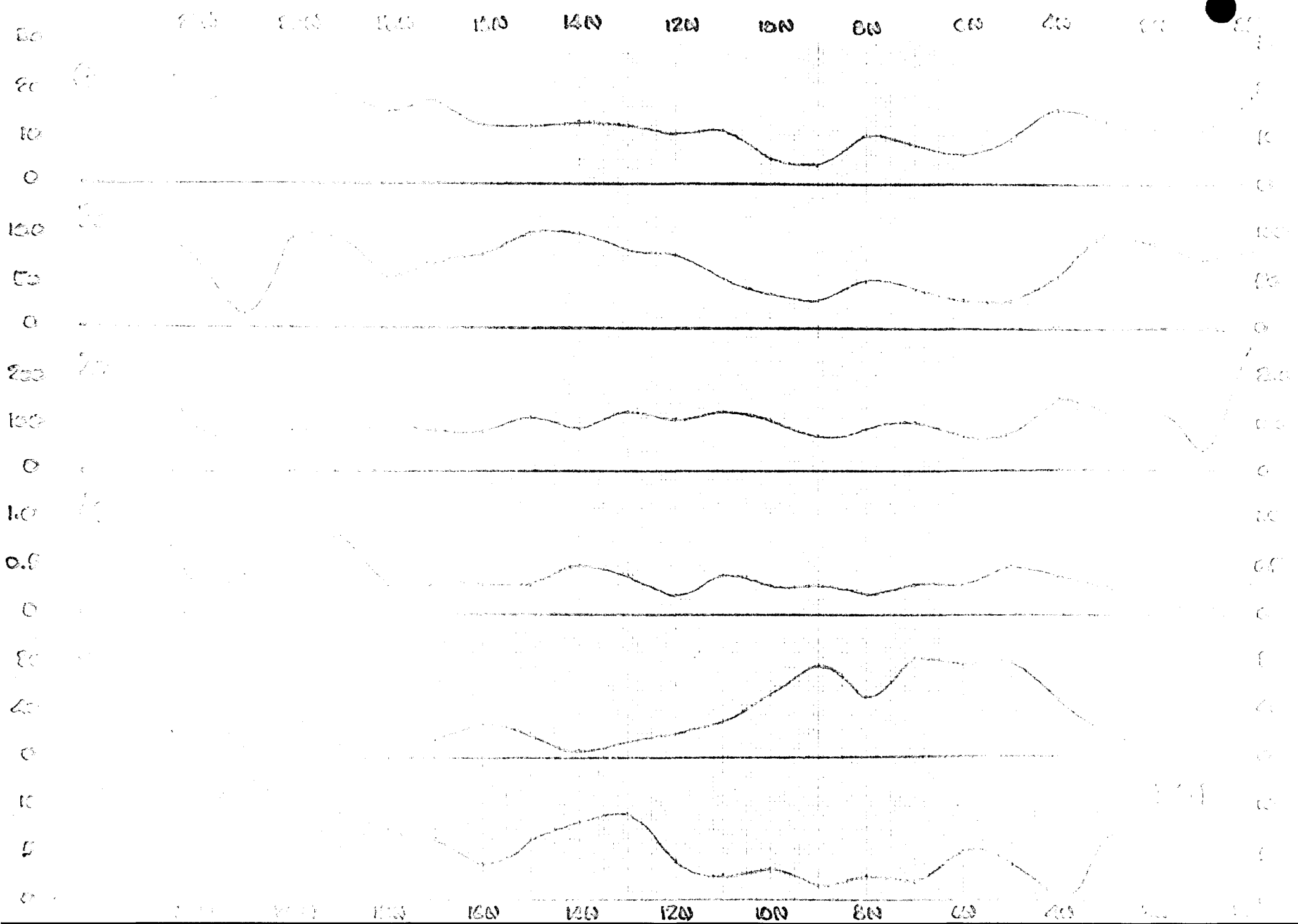


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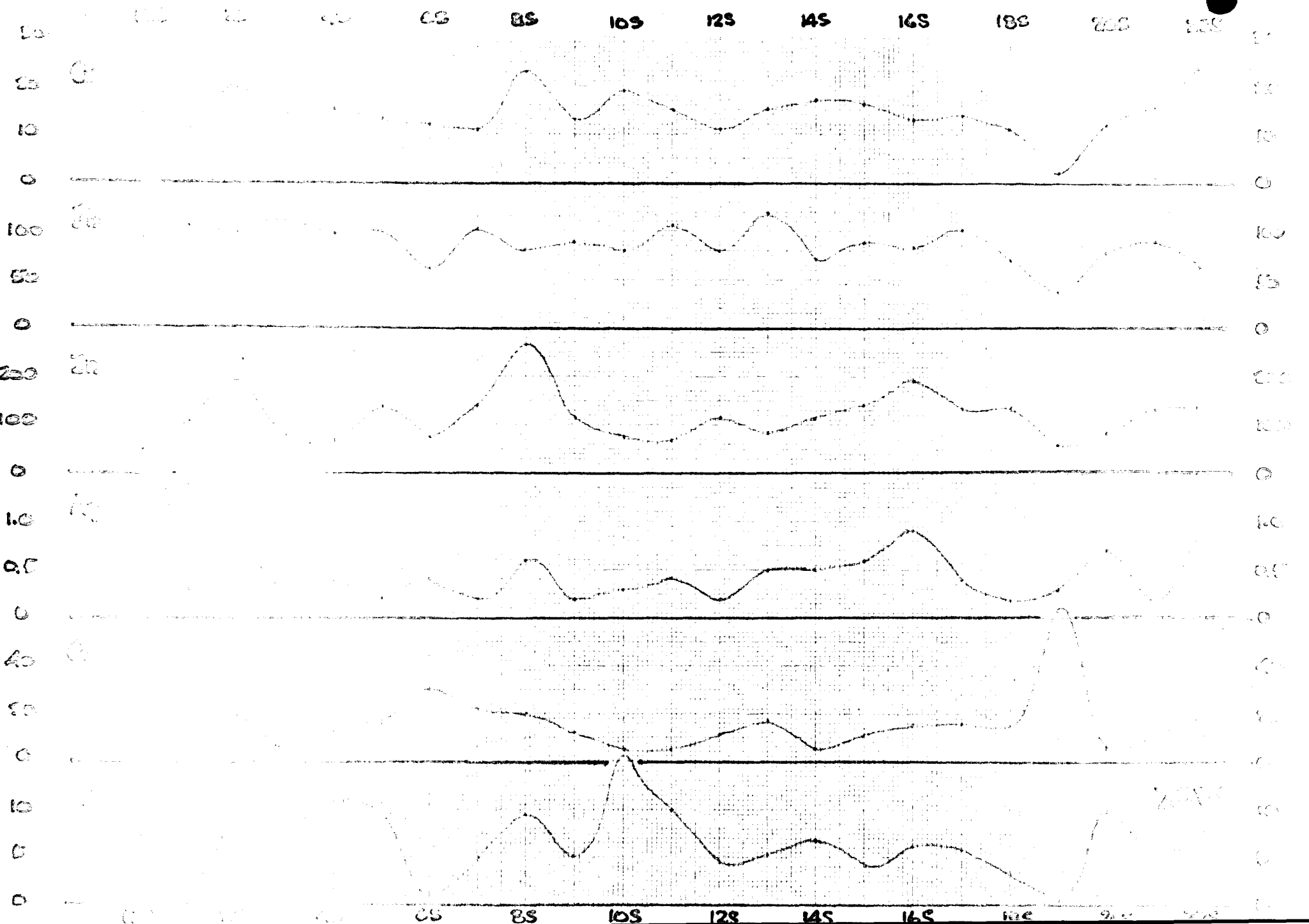
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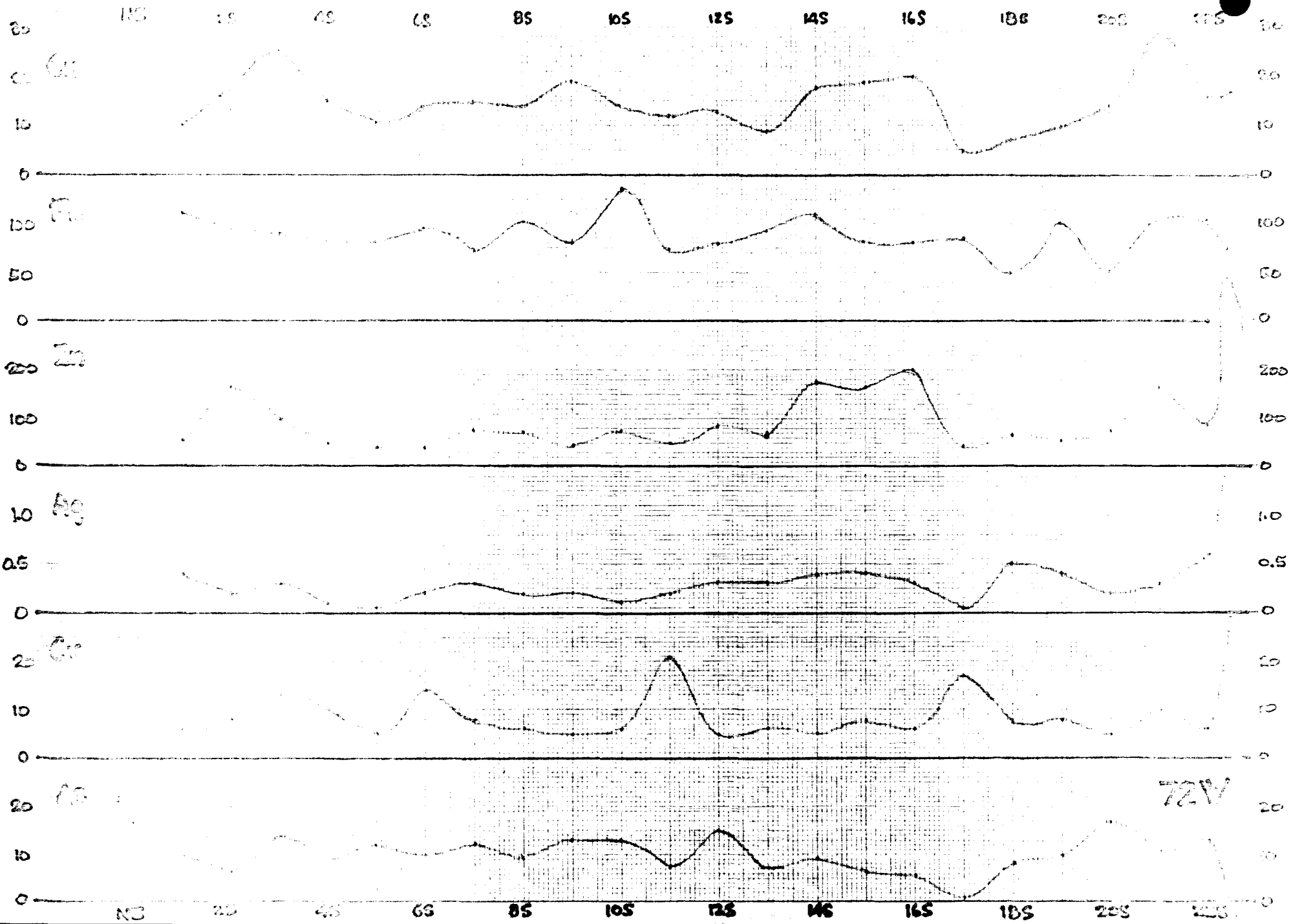
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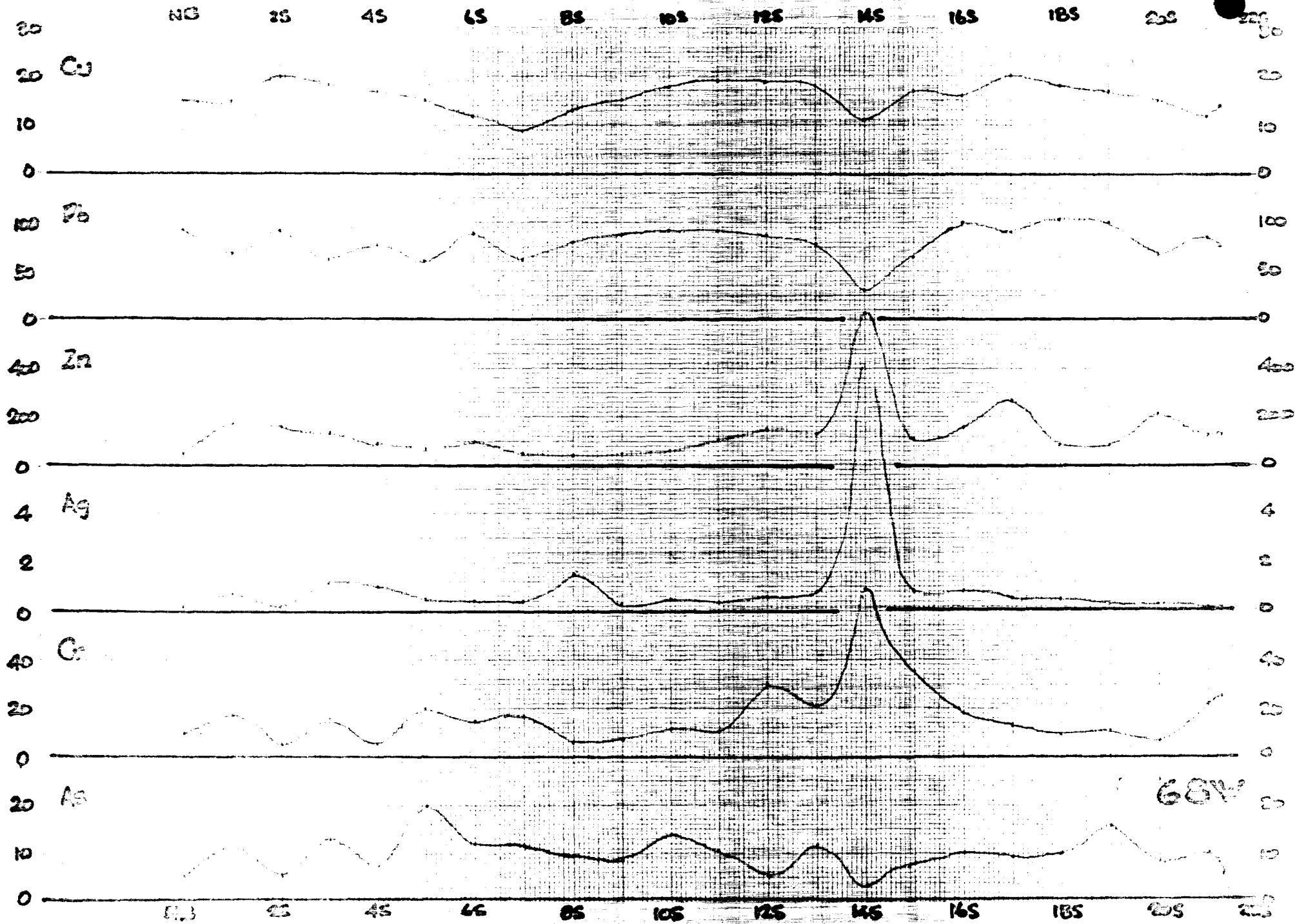
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72V

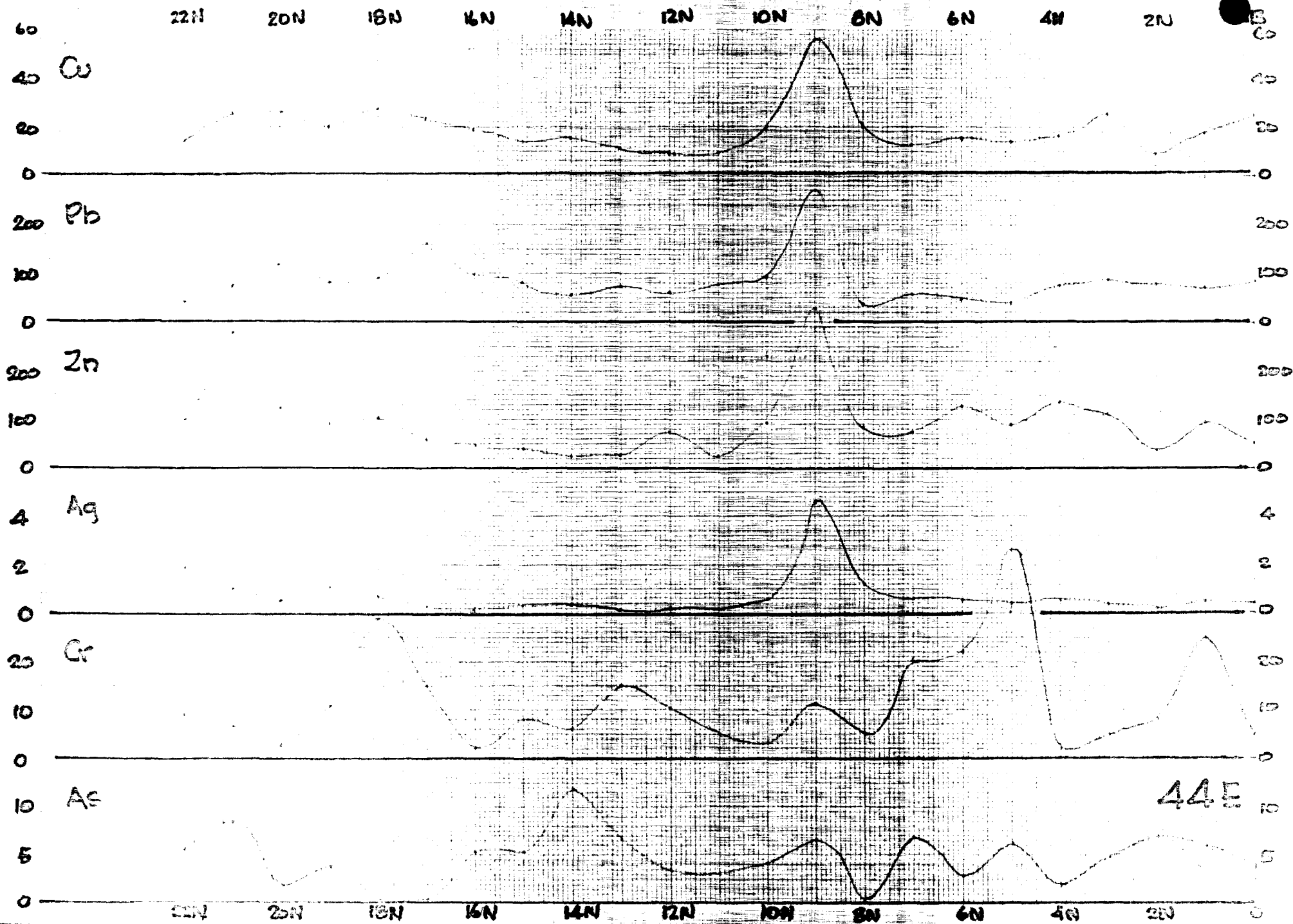


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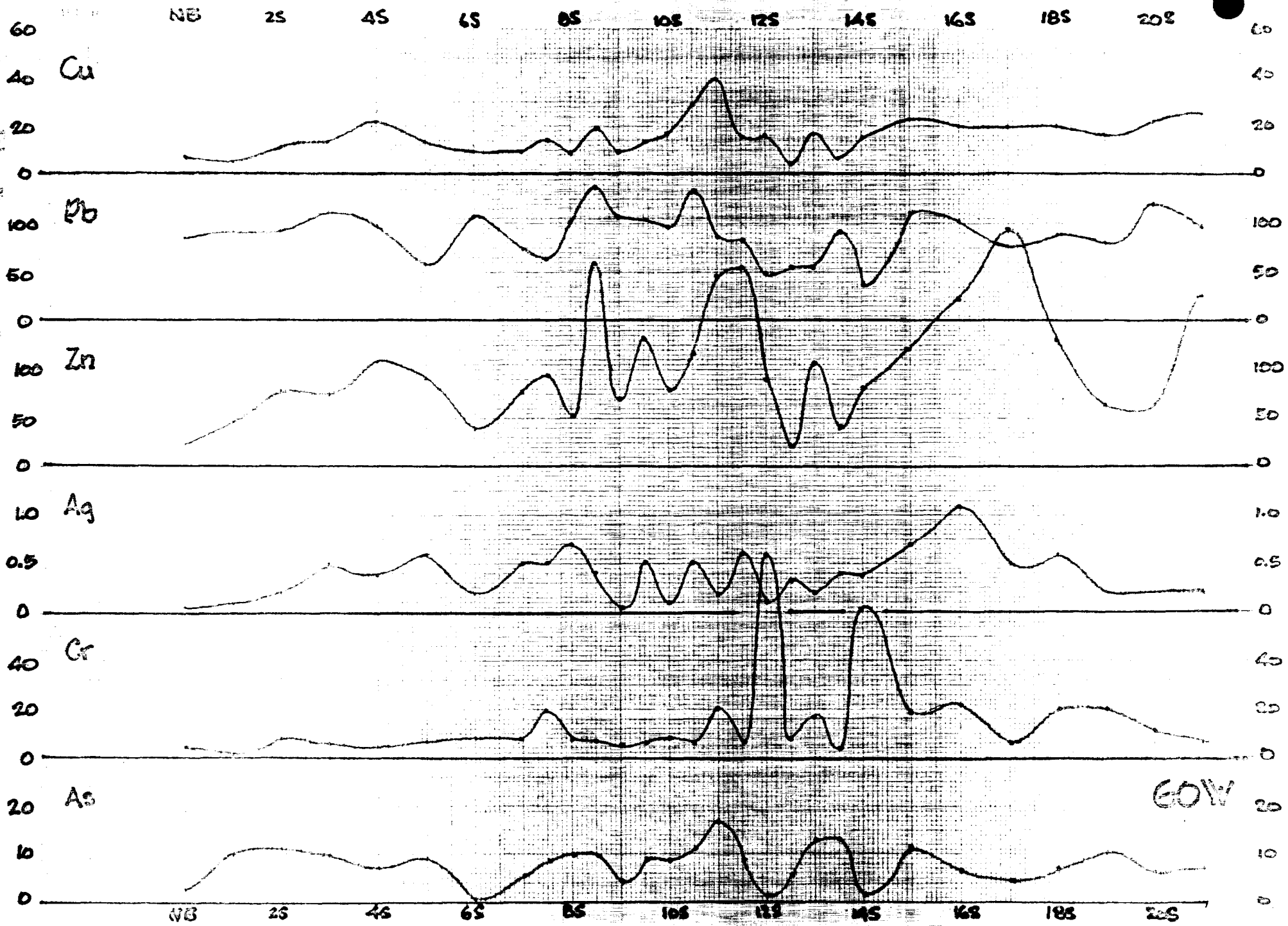


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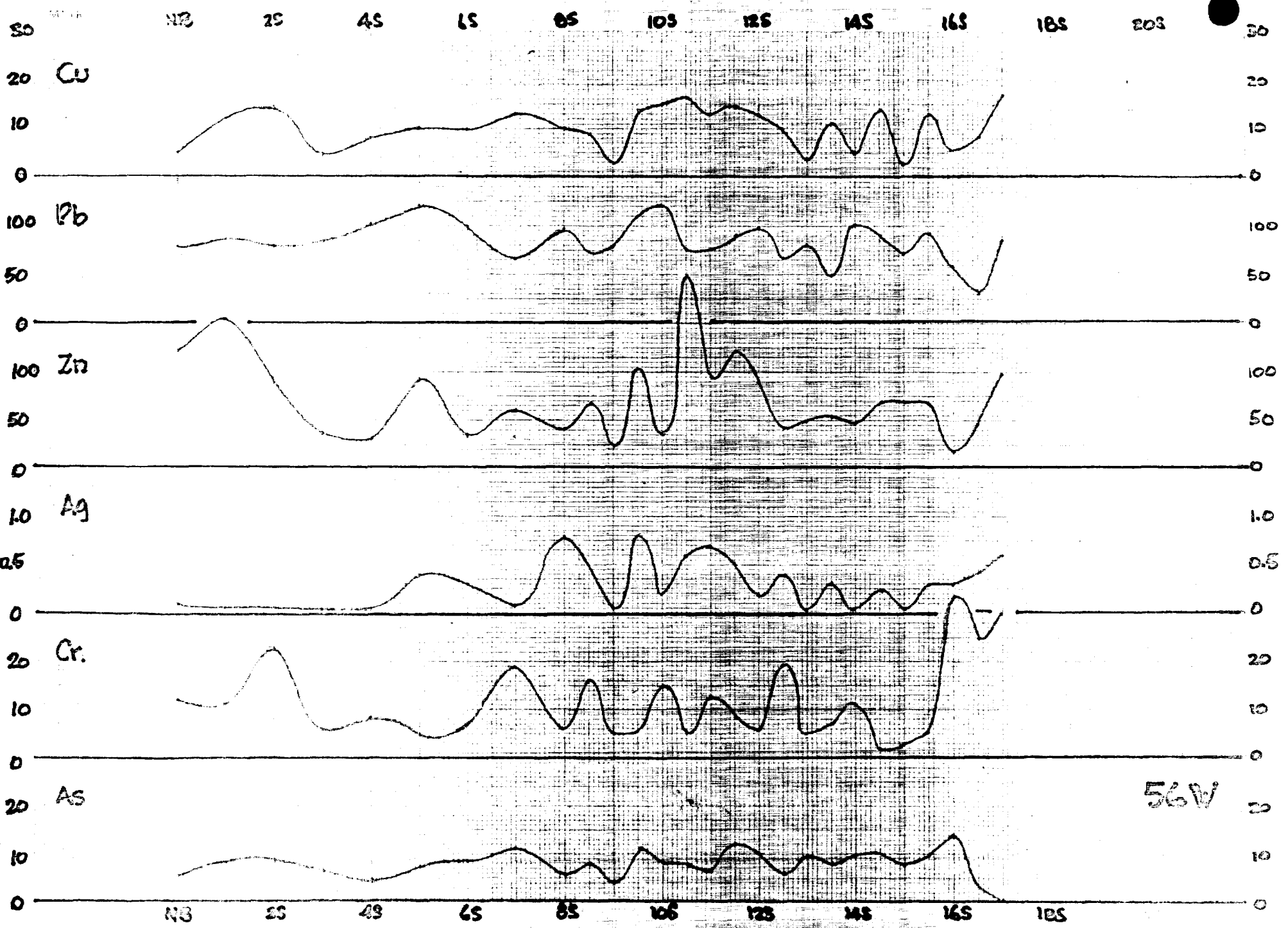
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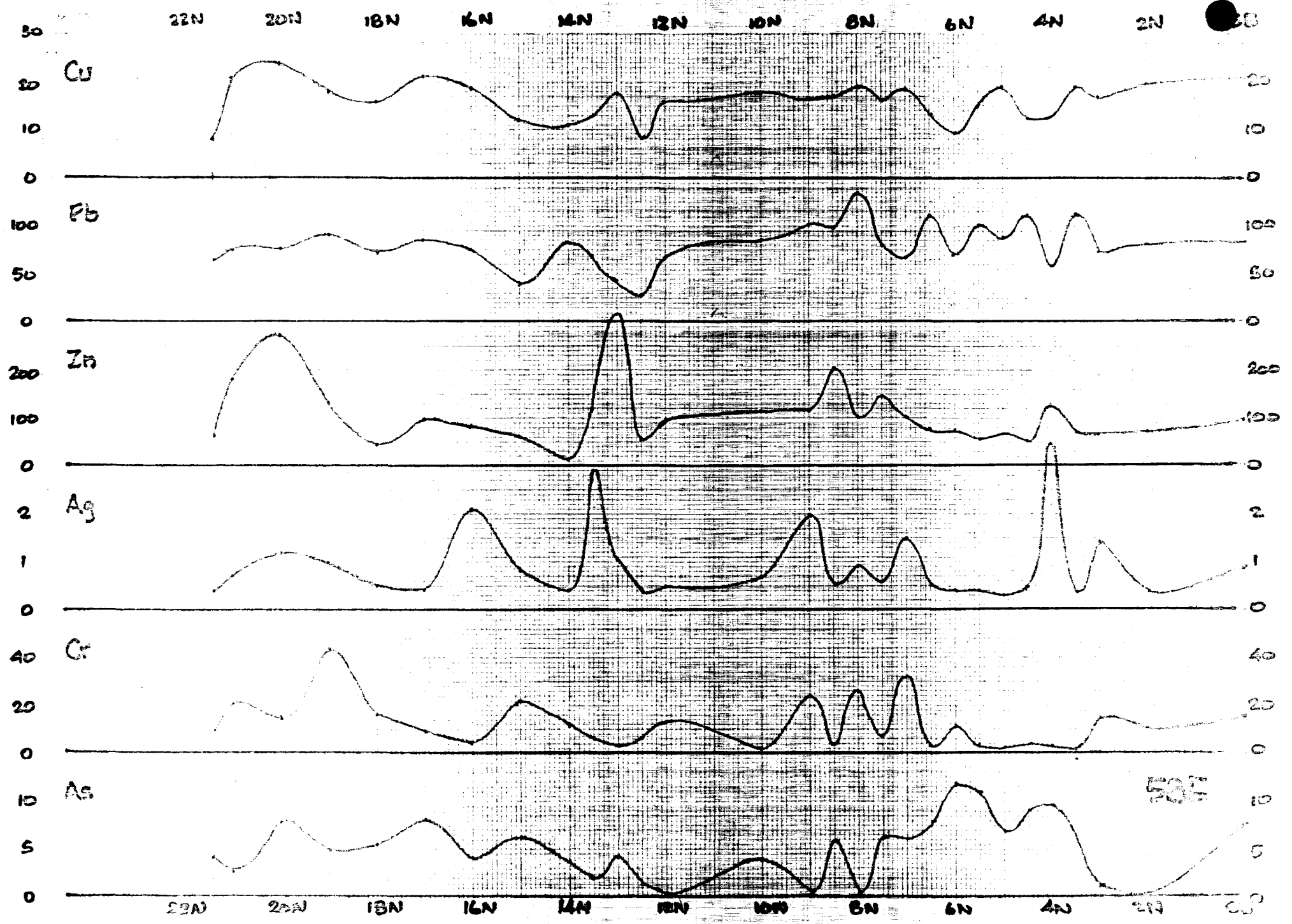
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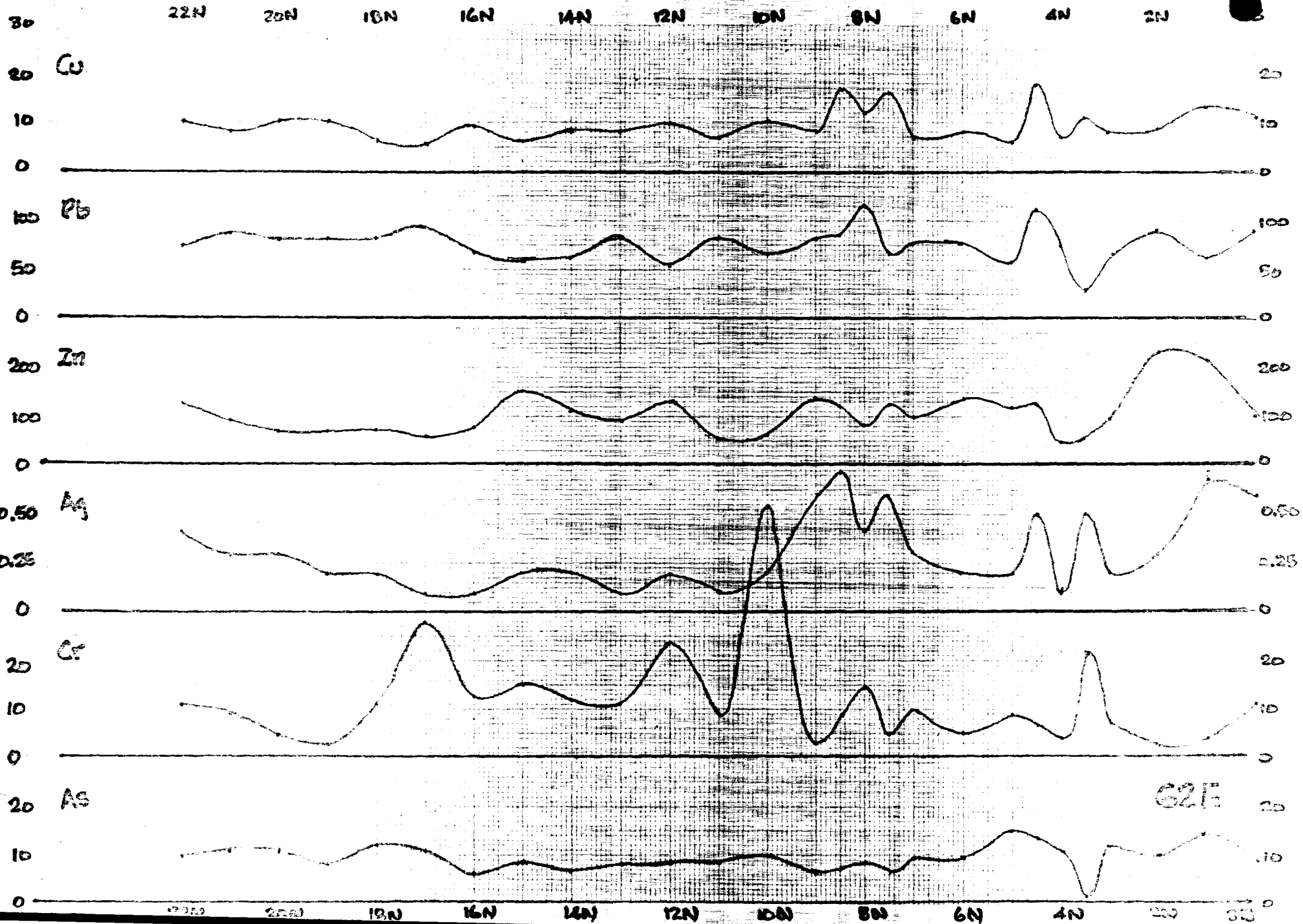
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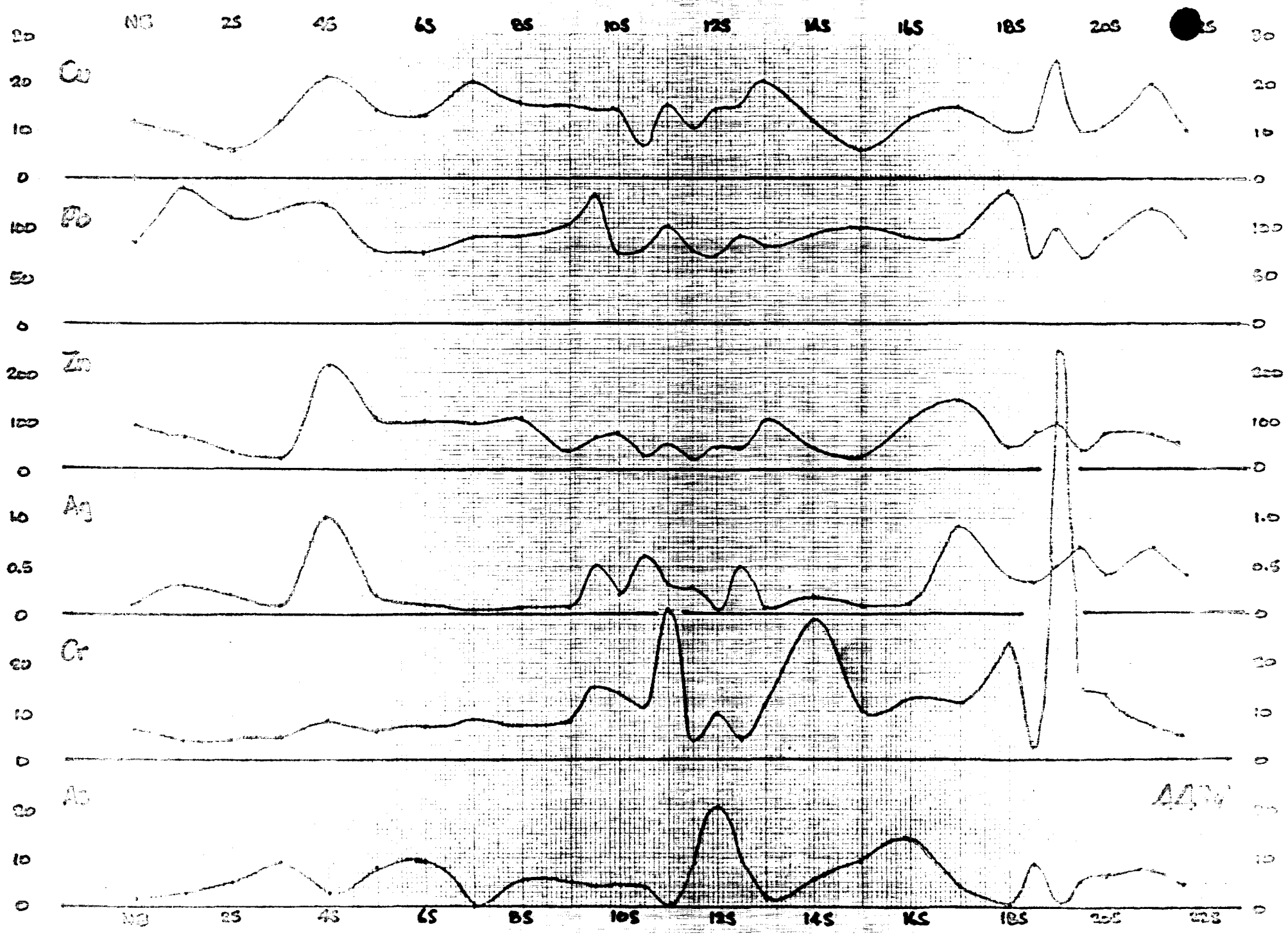


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62E





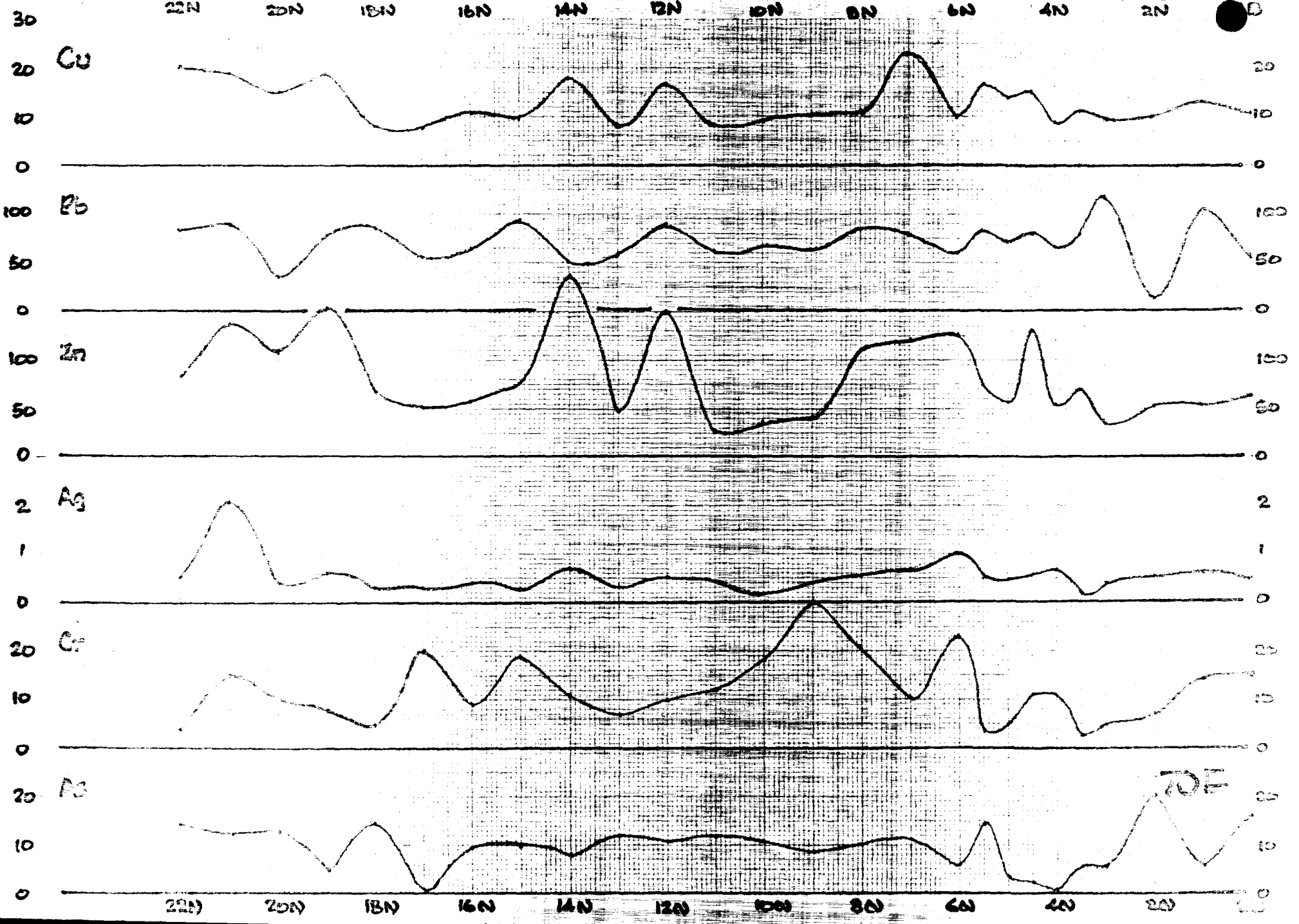
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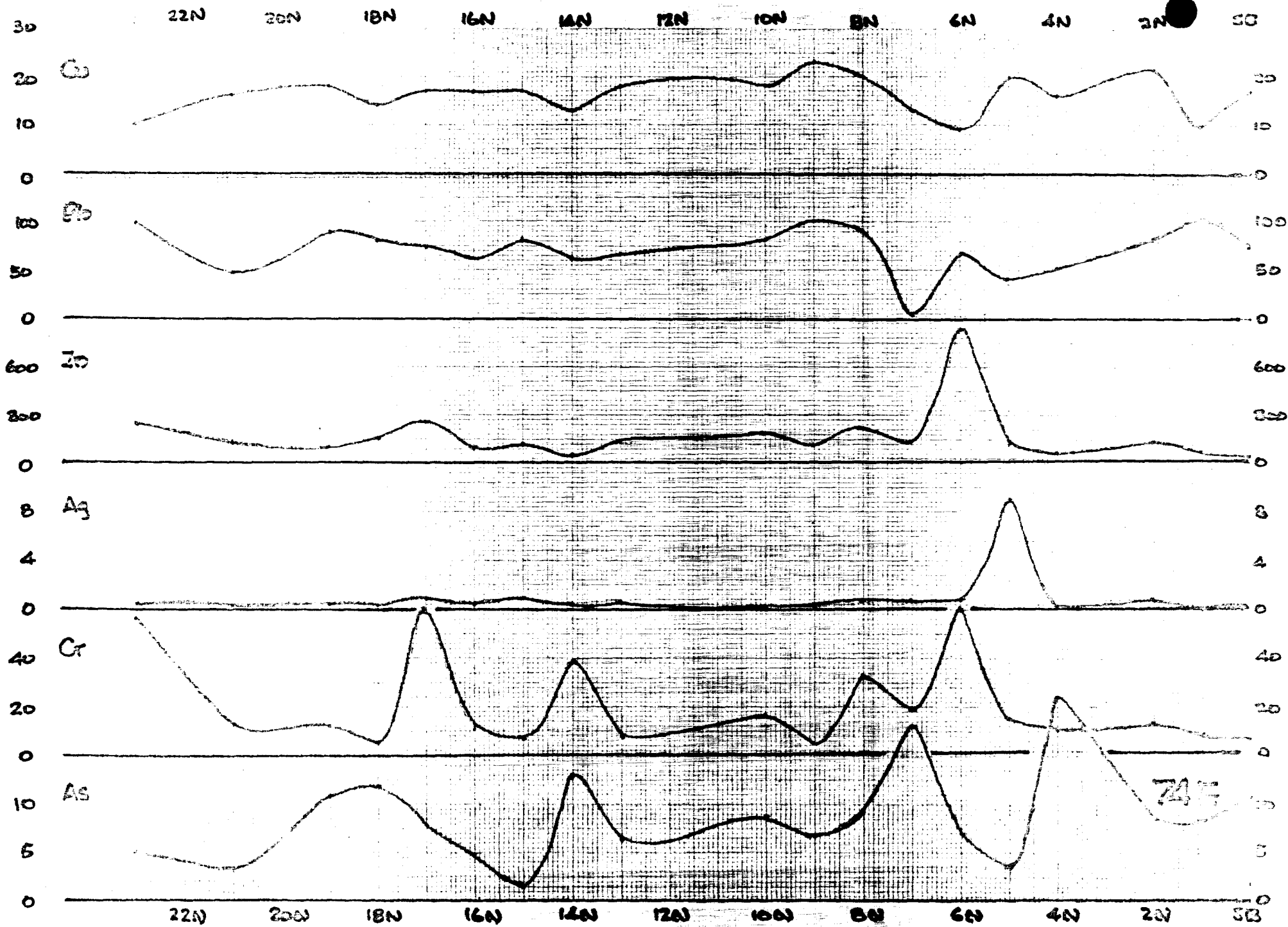
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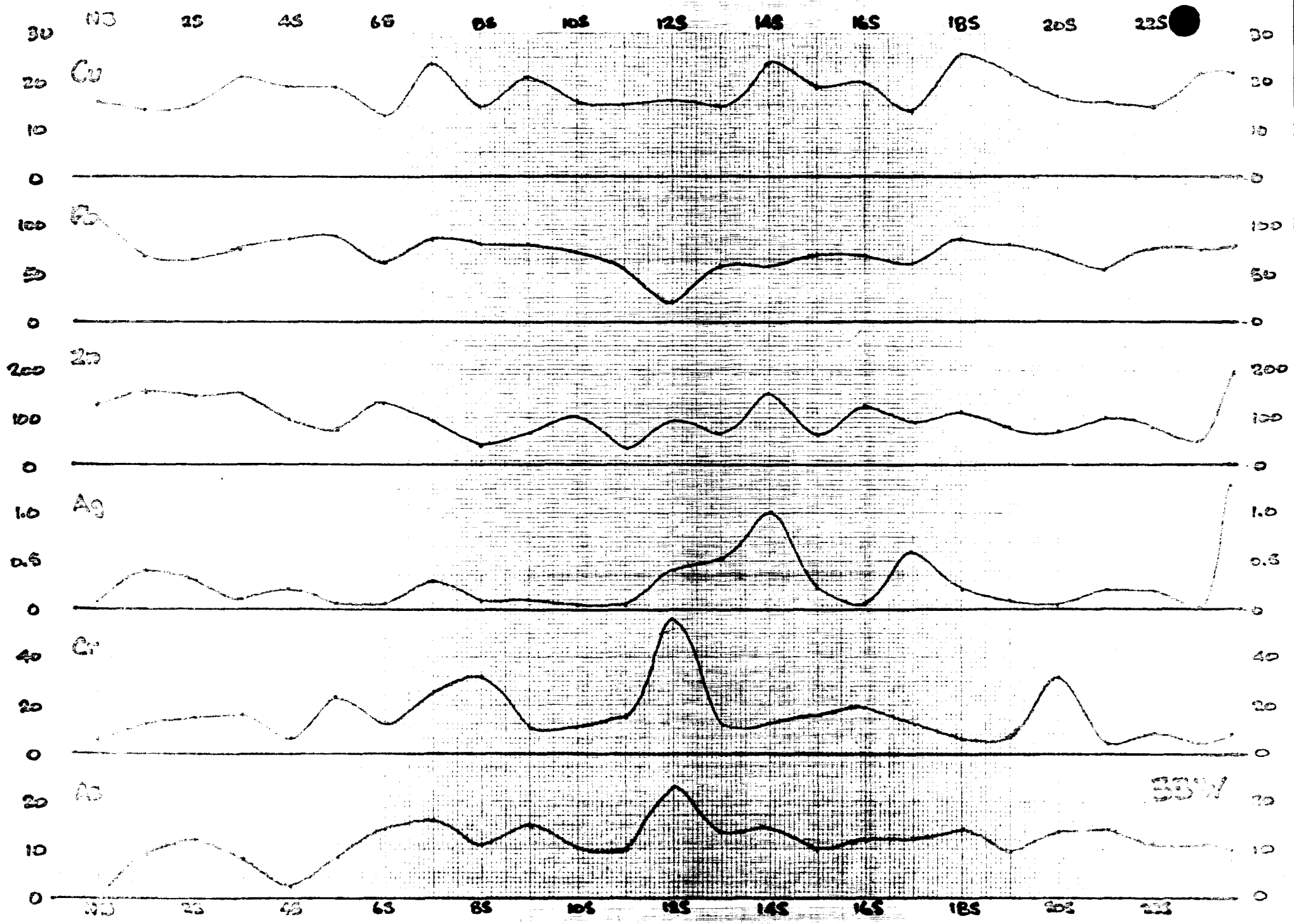
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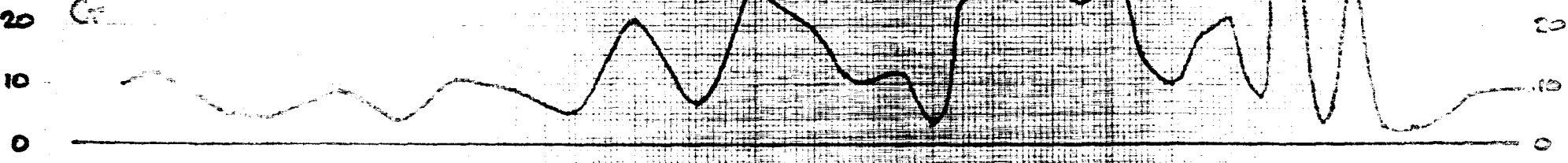
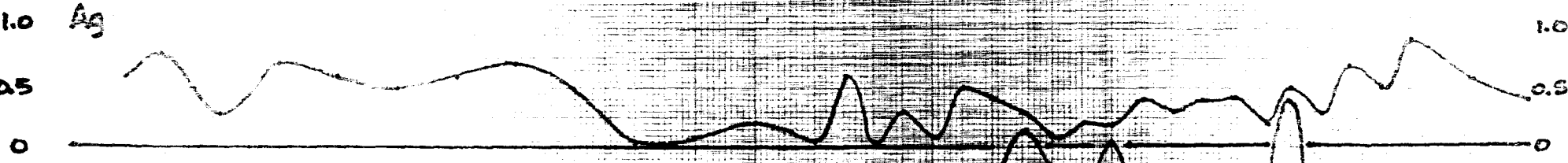
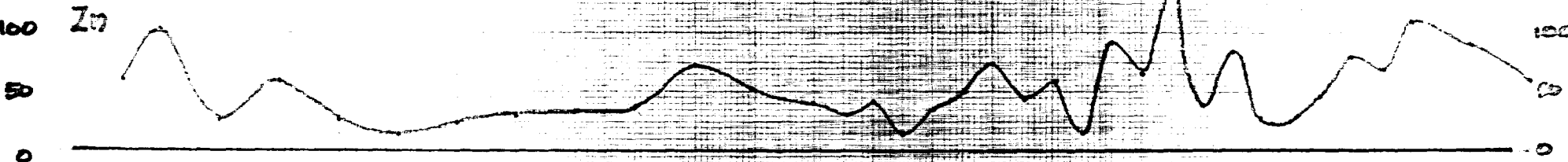
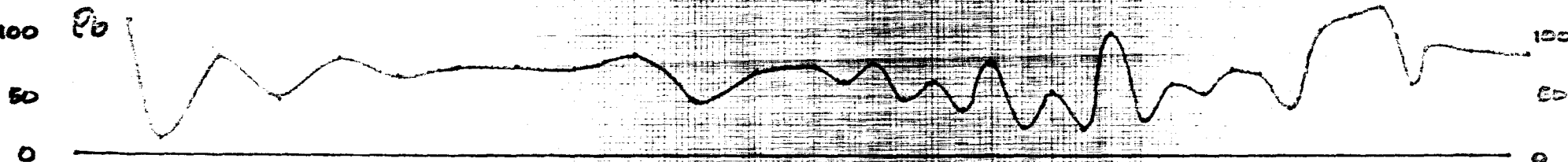
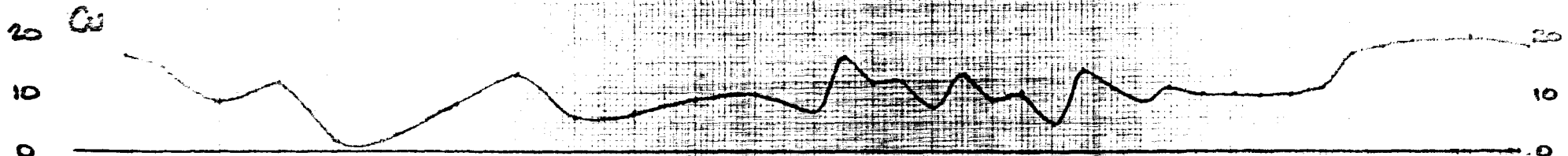
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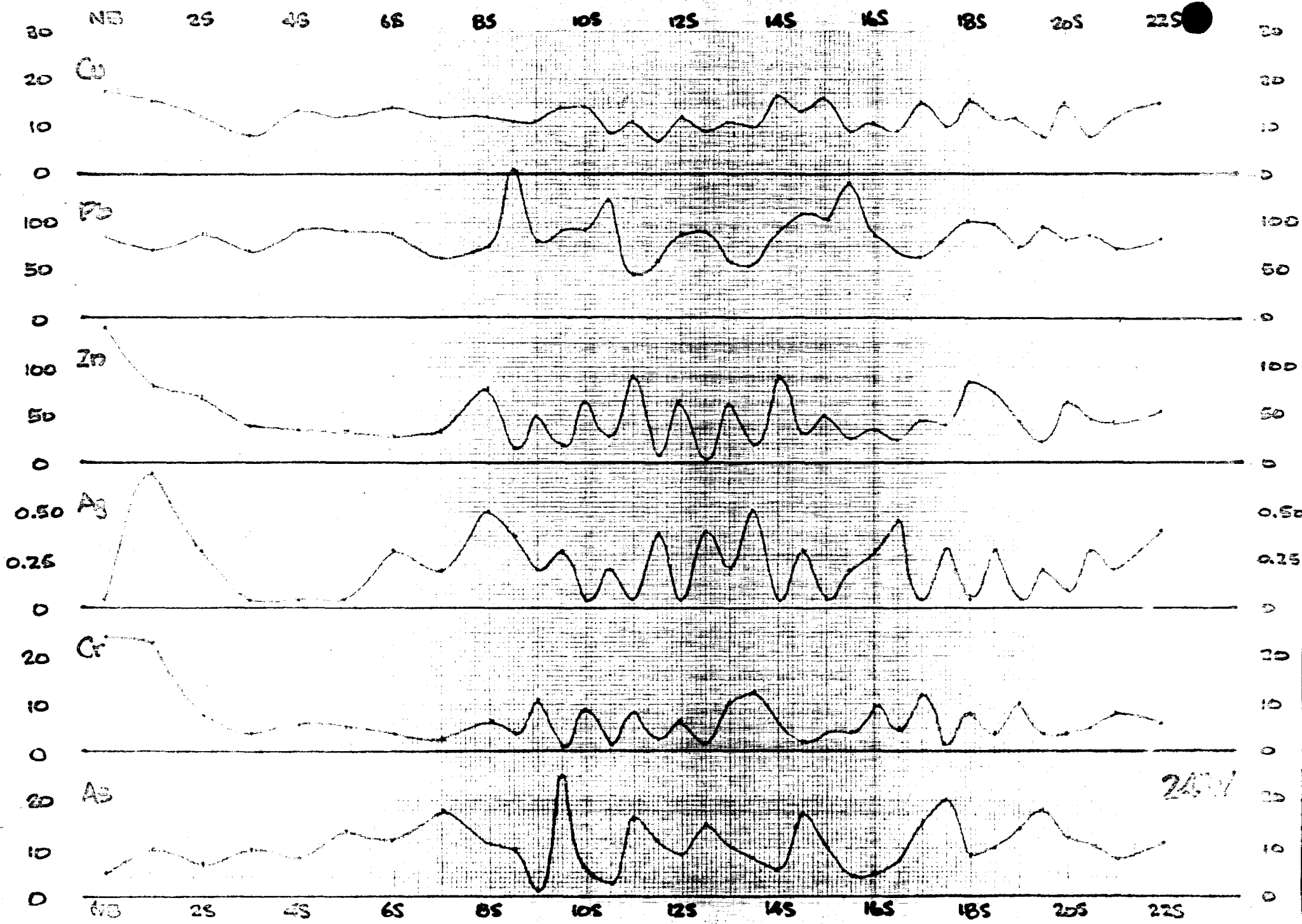
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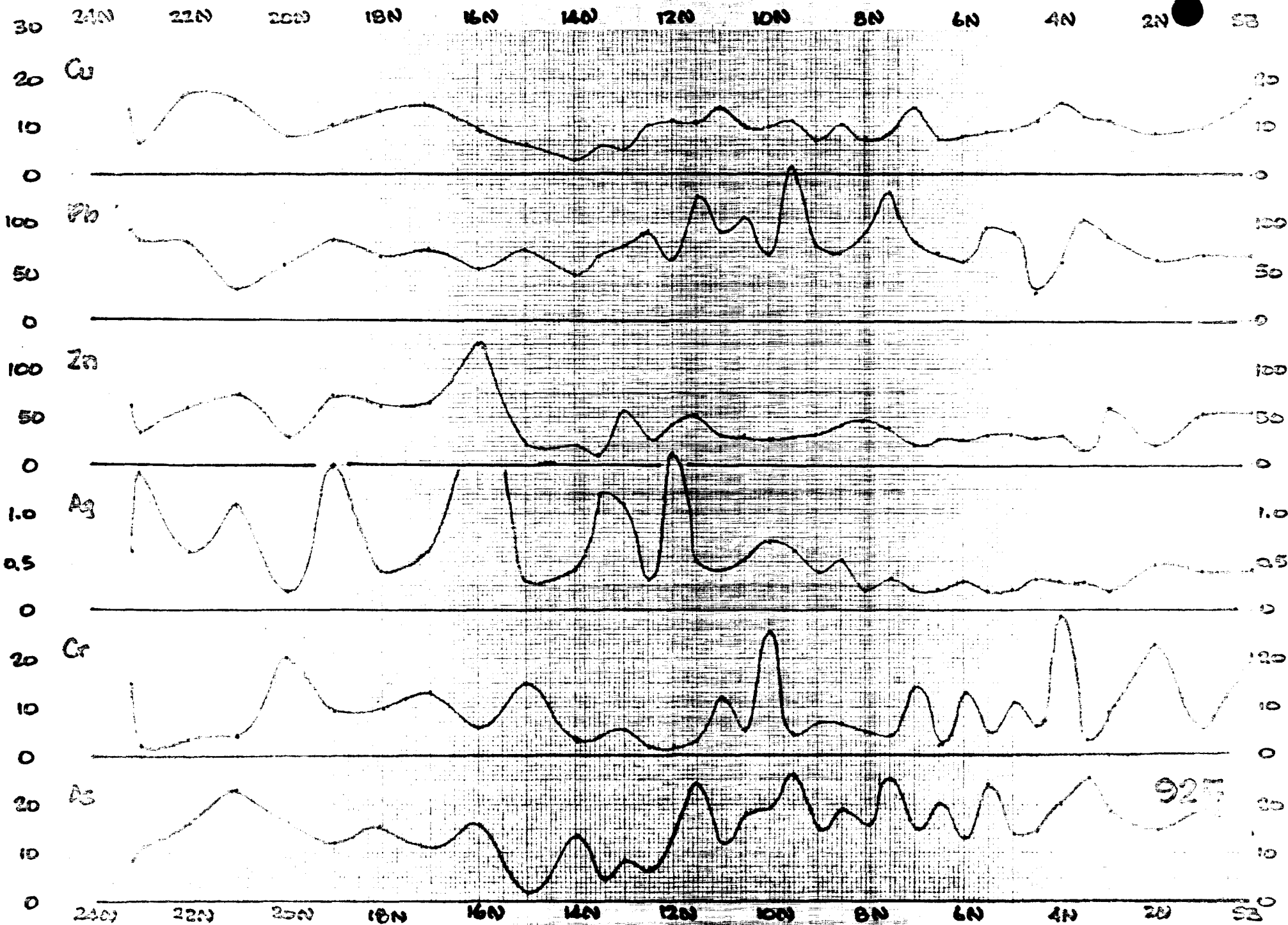
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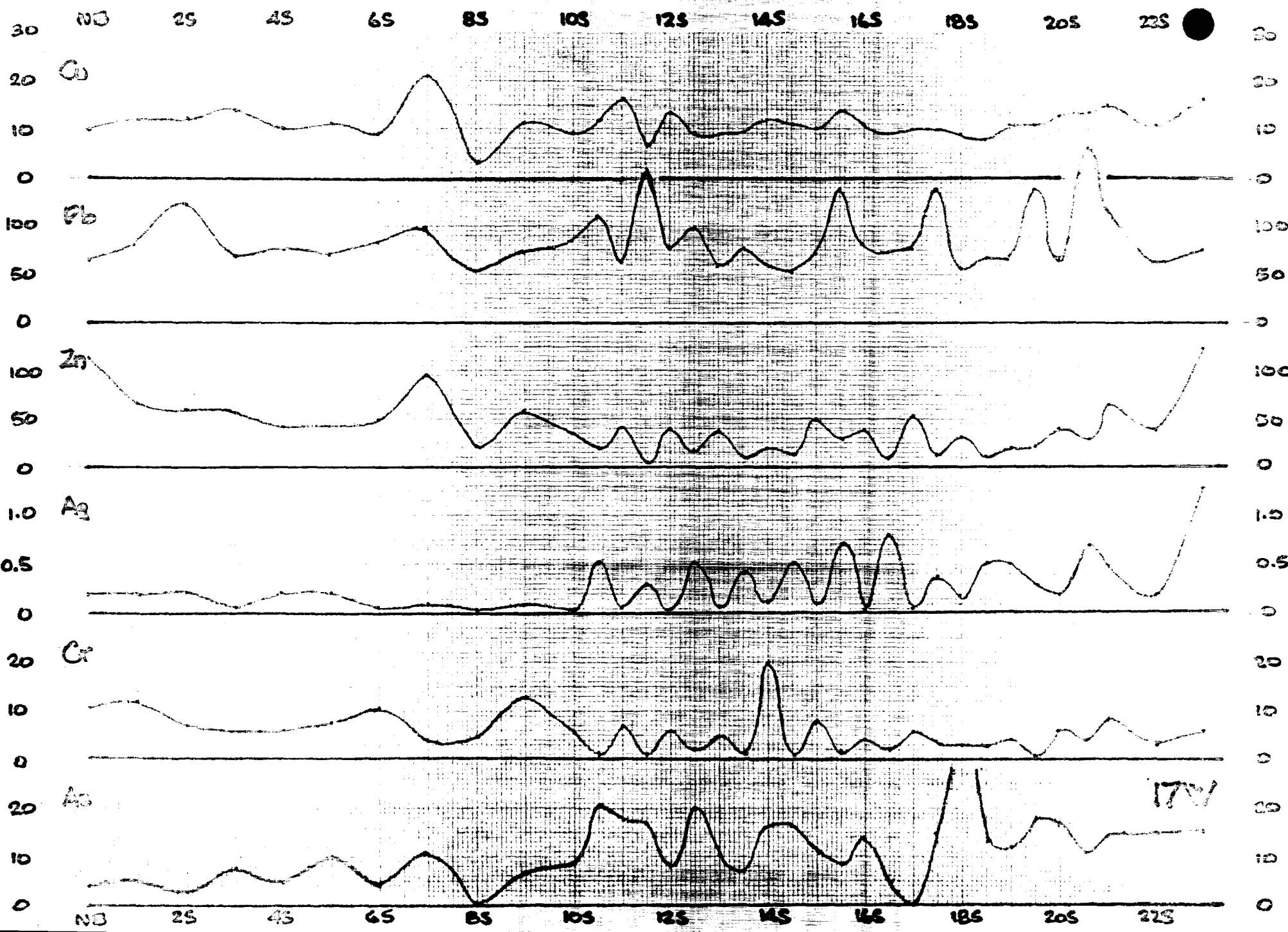
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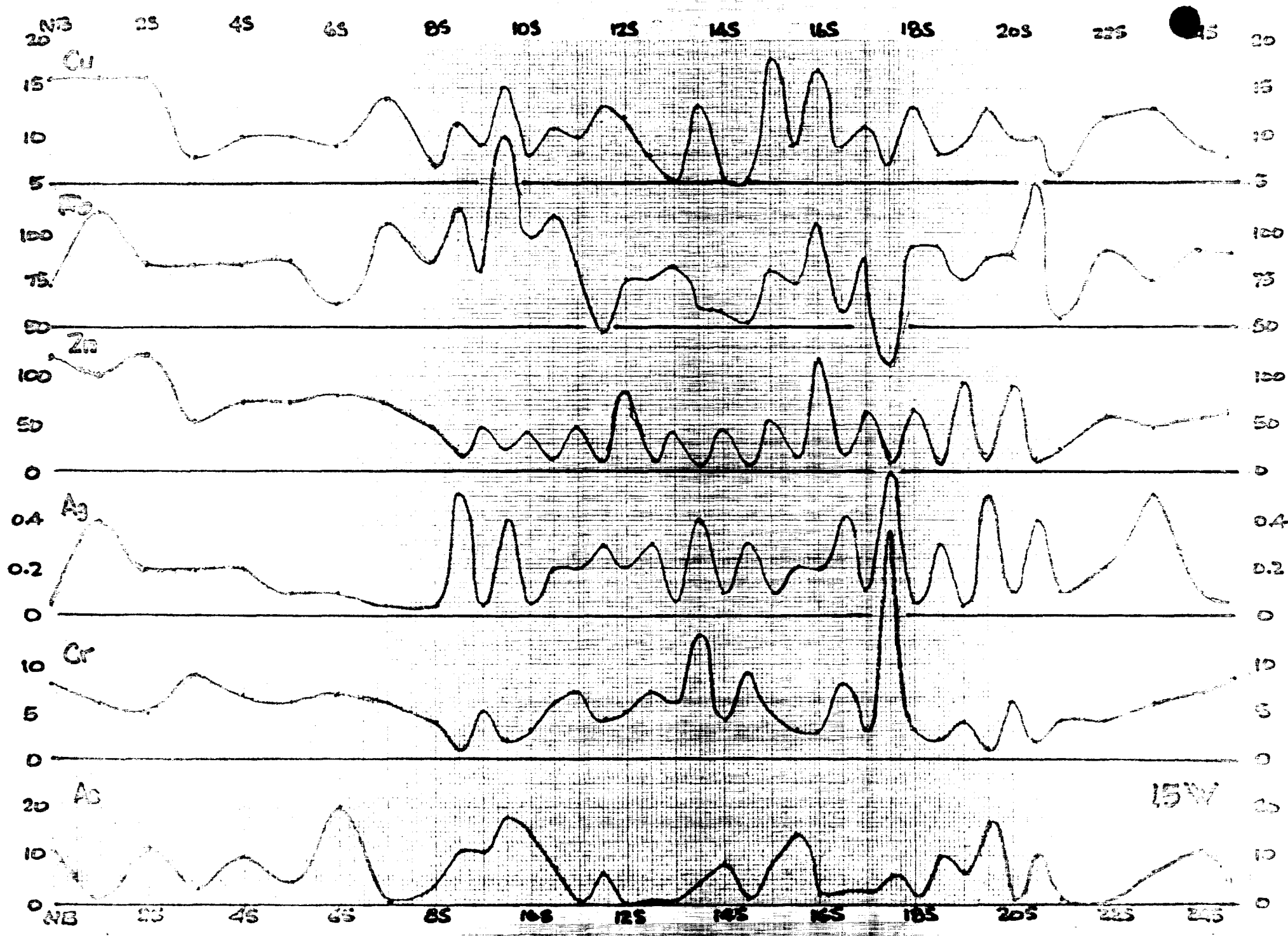
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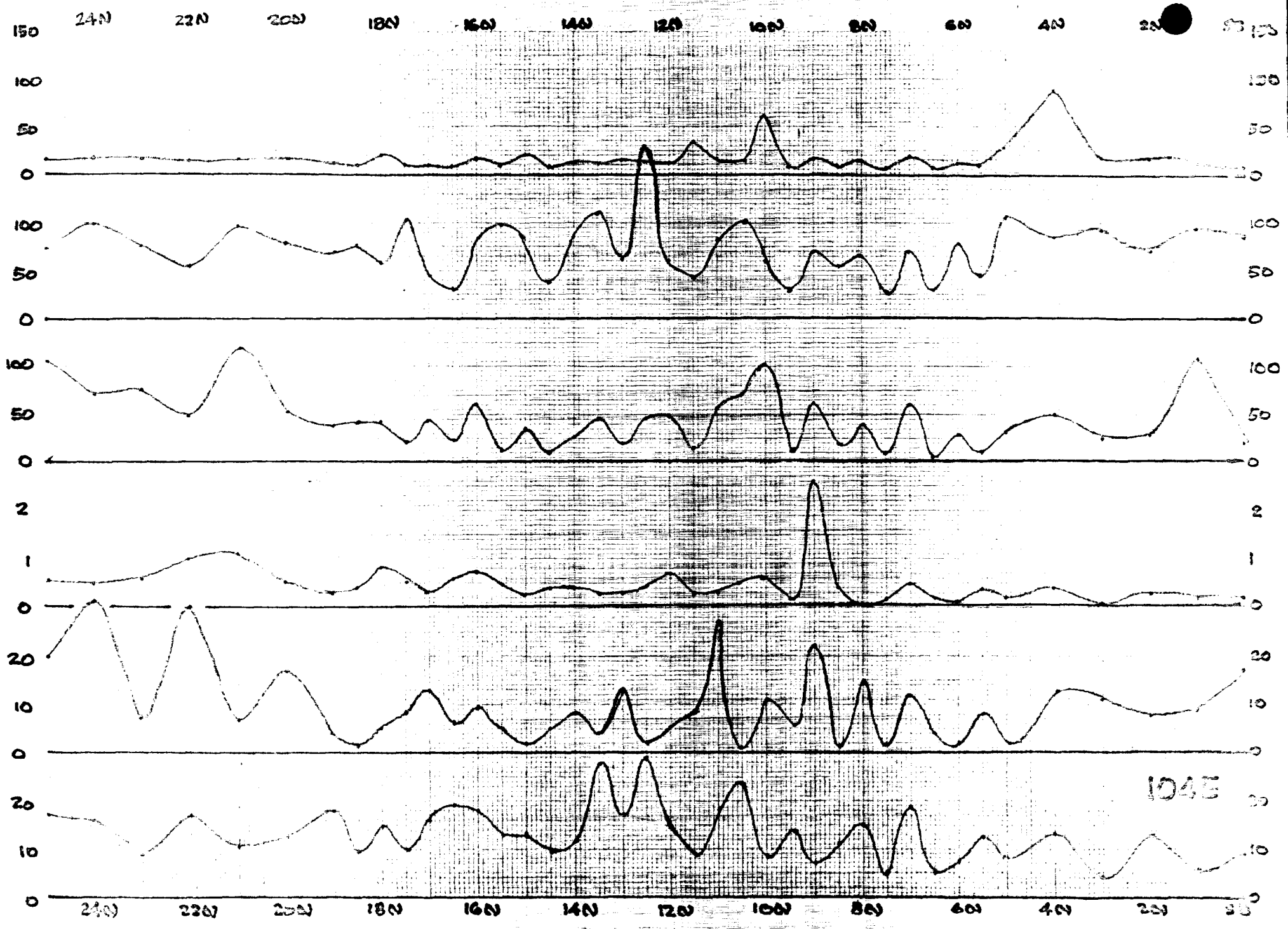
17W



15W



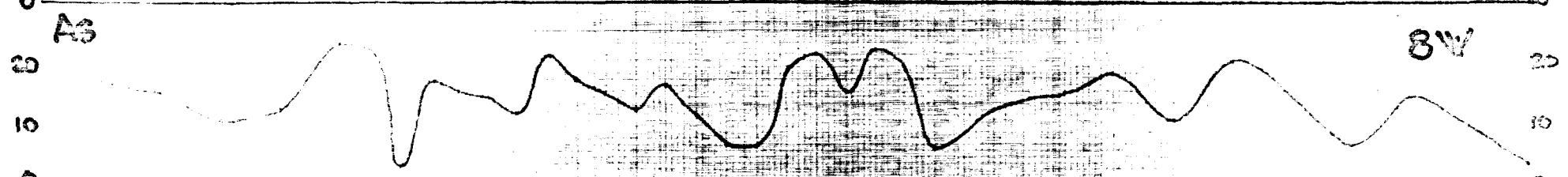
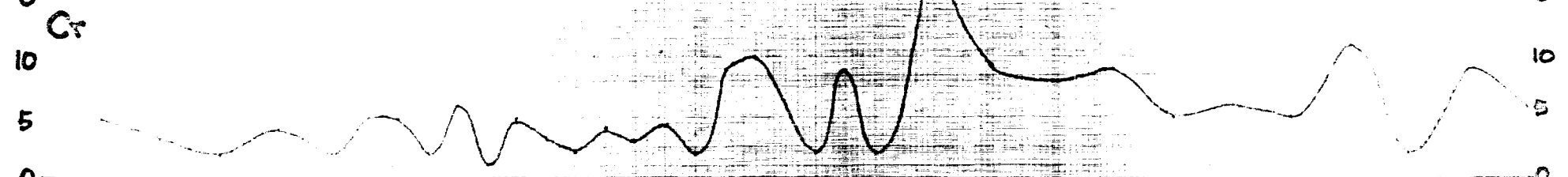
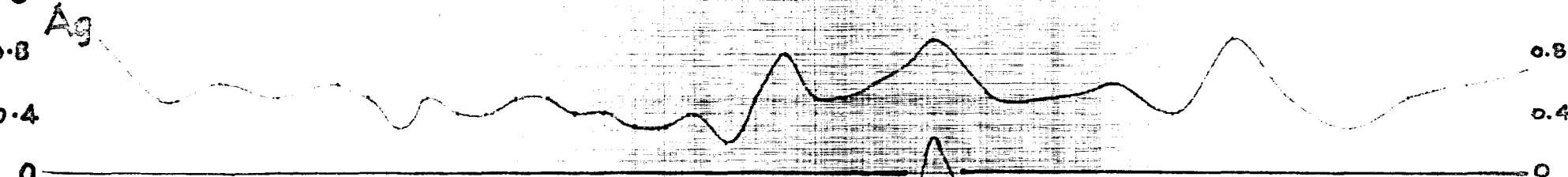
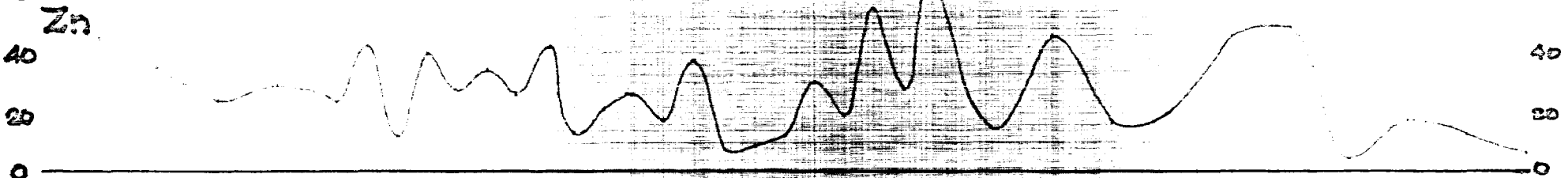
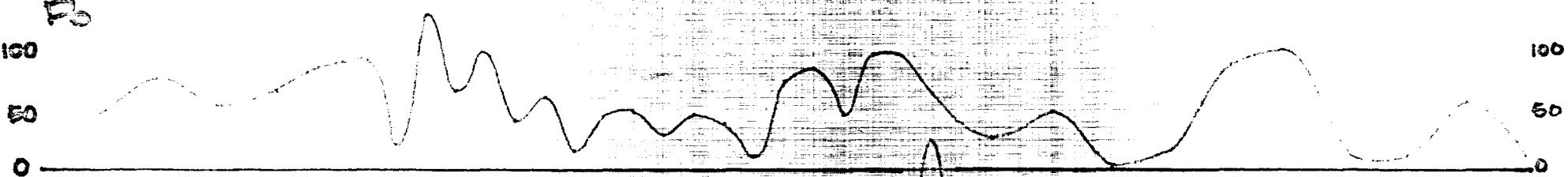
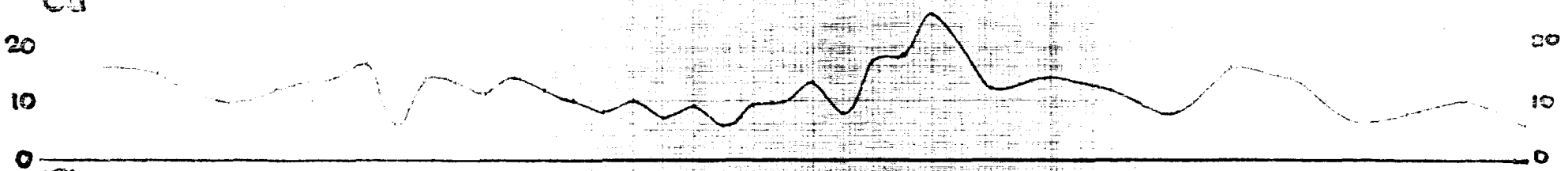
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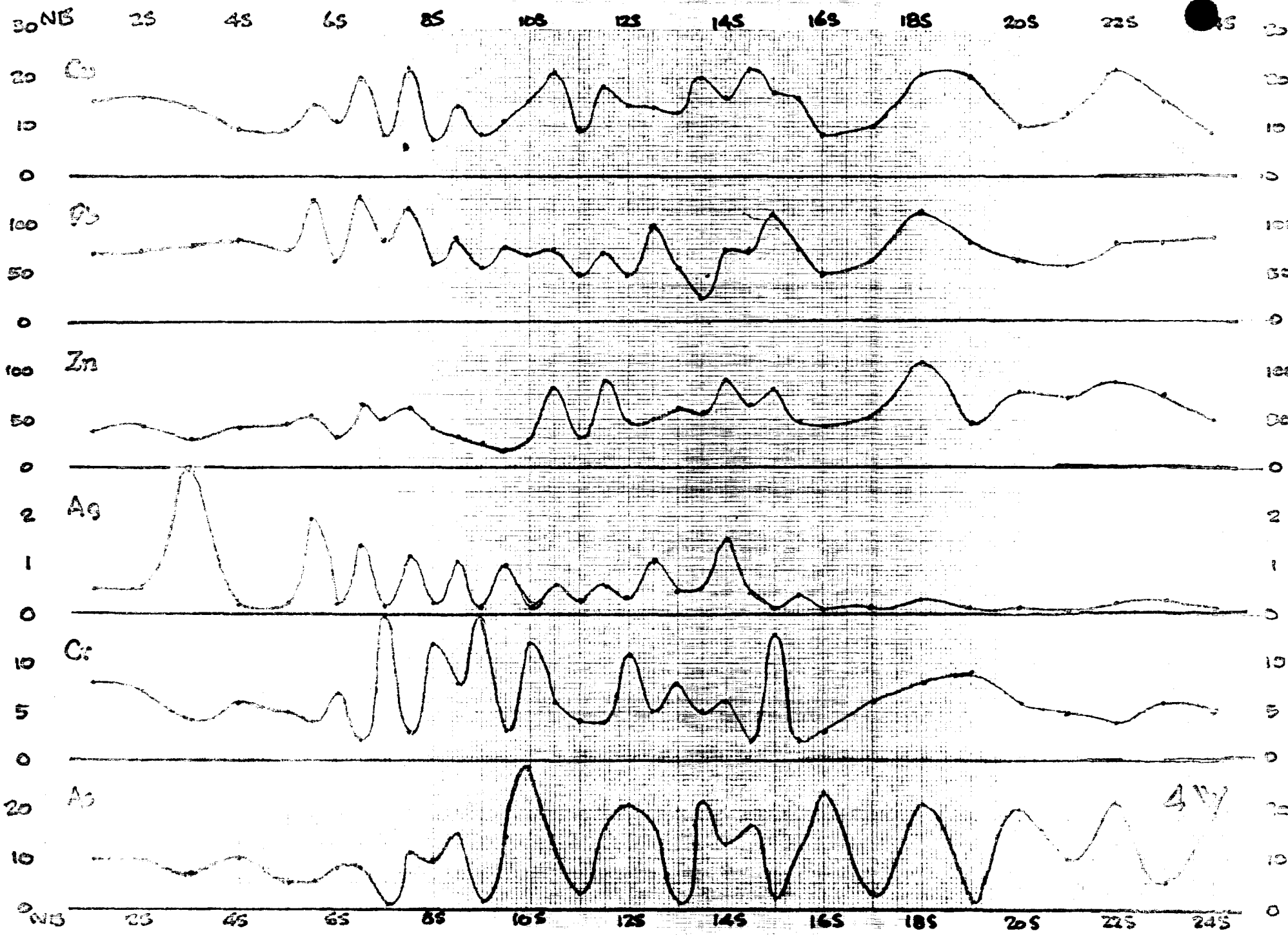
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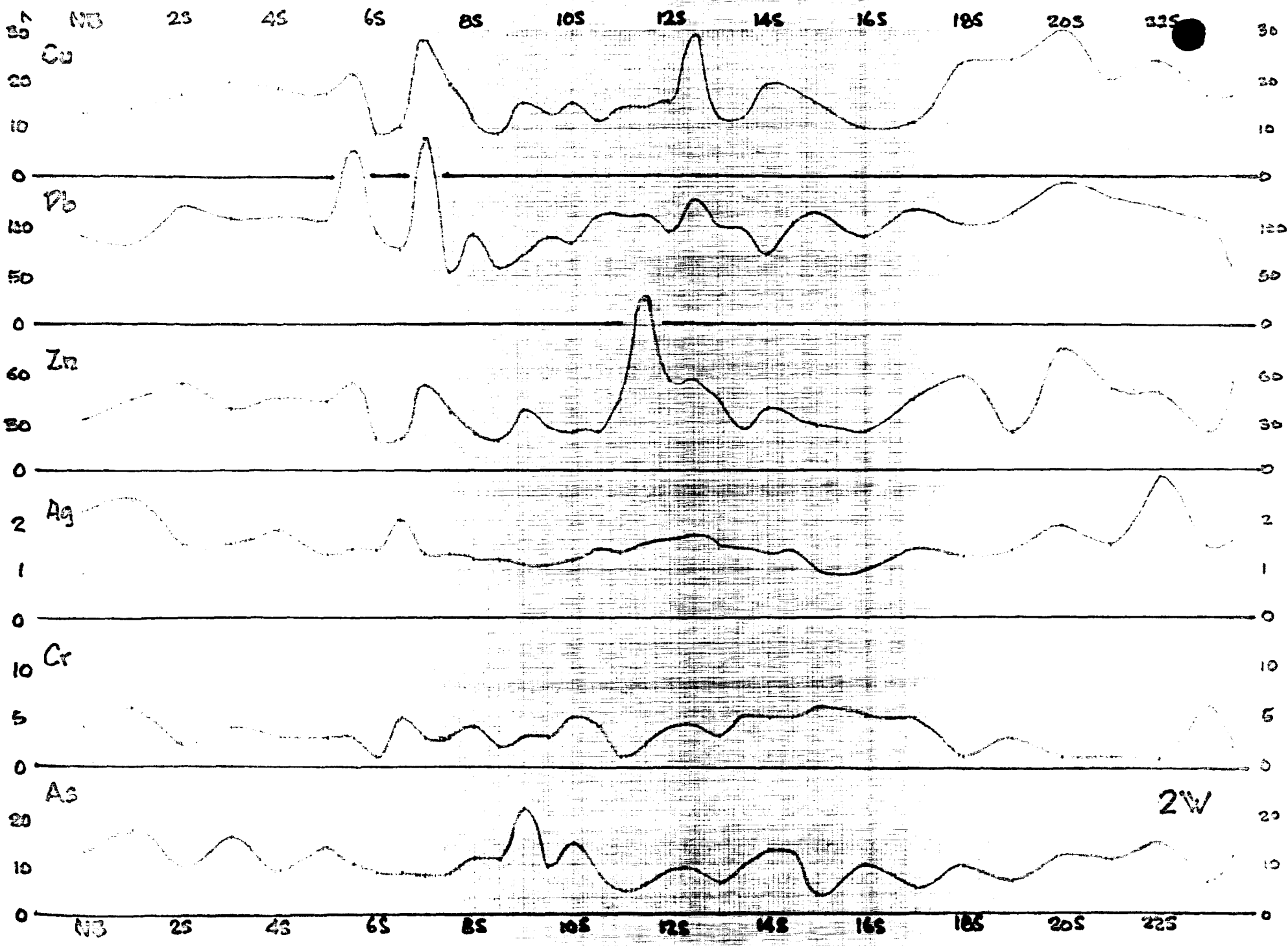
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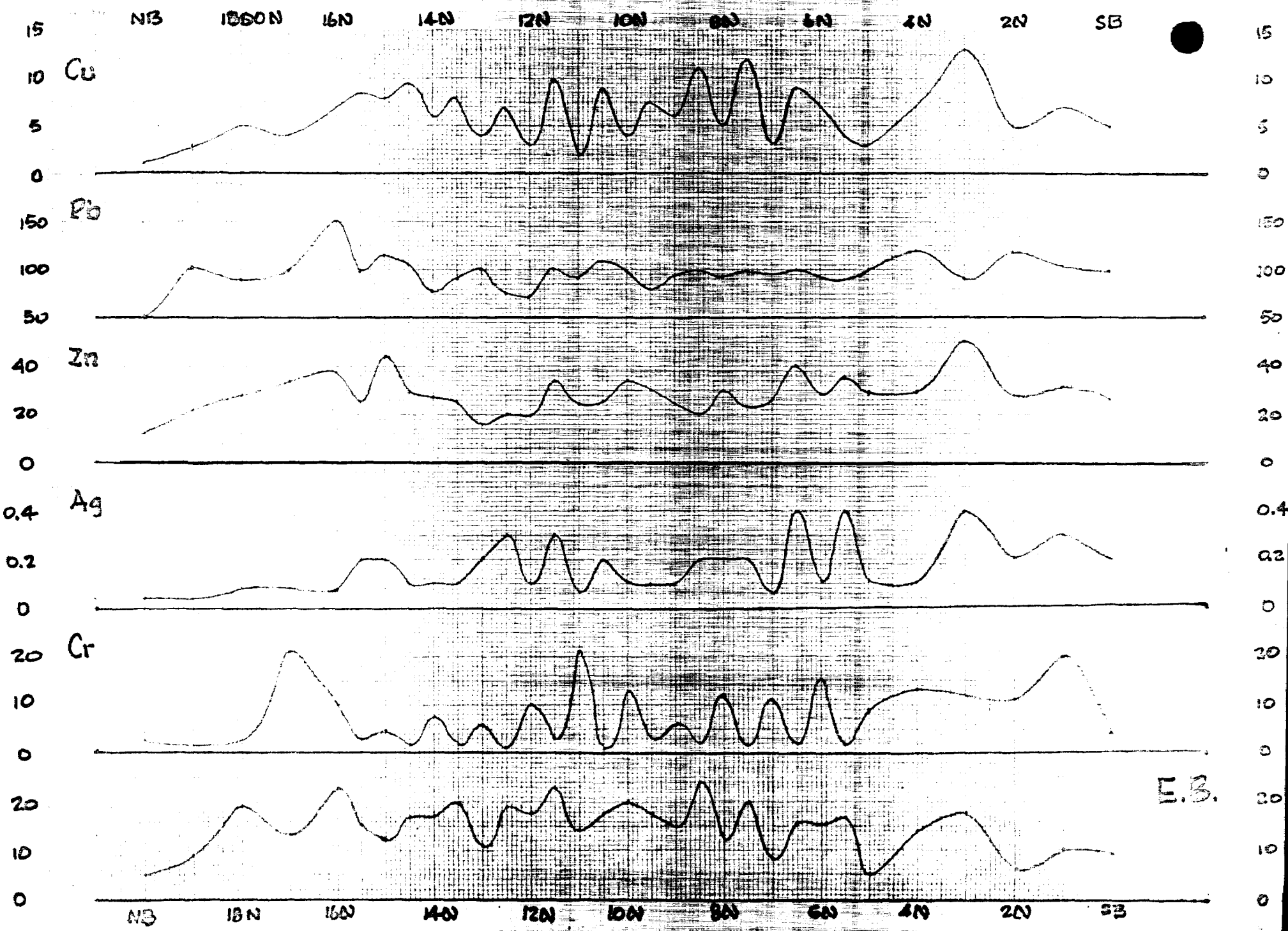
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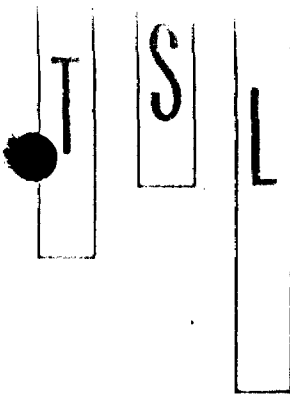




E.B.

APPENDIX II

ASSAY RESULTS



• CHEMICAL RESEARCH AND ANALYSIS
• INSTRUMENT SALES AND SERVICE

TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED
355 KING ST. W., TORONTO 2B, ONT., CANADA
TELEPHONE: 362-4248 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Mr. W.J. Matthews
23 Hi Mount Drive
Willowdale, Ontario

REPORT NO.
679

SAMPLE(S) OF *Organic soil*

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Co	Mo	As
1	L0 + 000 S	8	85	52	.8	11		.3
2	L0 + 100 S	7	95	54	1.0	17		.5
3	L0 + 200 S	9	105	49	.2	10		.7
4	L0 + 300 S	11	100	45	.8	10		.7
5	L0 + 400 S	8	110	58	<.1	9		.7
6	L0 + 500 S	8	90	49	.5	4		.5
7	L0 + 700 S	10	95	42	.8	5		.7
8	L0 + 800 S	5	80	38	.2	1		.2
9	L0 + 900 S	13	125	60	.5	10		.8
10	L0 + 1000 S	8	95	42	.2	10		.7
11	L0 + 1100 S	8	100	47	.2	5		.7
12	L0 + 1200 S	14	110	53	.8	12		.9
13	L0 + 1300 S	10	120	48	1.0	1		.8
14	L0 + 1400 S	8	85	72	.5	1		.8
15	L0 + 1500 S	10	100	80	1.0	20		1.5
16	L0 + 1600 S	11	100	100	.3	8		1.0
17	L0 + 1700 S	13	105	75	1.5	27		1.2
18	L0 + 1750 S	13	95	70	2.2	48		1.0
19	L0 + 65	8	100	43	.8	10		.8
20								
21								
22	Wet ashing of 5g. sample.							
23								
24	<i>* 19 Samples</i>							

DATE June 28 1972

SIGNED *A. Debra*



SAMPLES DISCARDED AFTER TWO MONTHS UNLESS STORAGE INSTRUCTIONS ARE SUPPLIED BY CLIENT.

TECHNICAL SERVICE LABORATORIES
 DIVISION OF DUNGHER TECHNICAL ENTERPRISES LIMITED
 355 KING ST. W., TORONTO 25, ONT., CANADA
 TELEPHONE: 362-4240 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

TO MR. *Munn*
 FROM:
 W. H. MORRISON
 SUITE 203, 330 BAY STREET
 TORONTO 25, ONTARIO

REPORT NO.
 G-108-1

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

			SAMPLE No		Cu	Pb	Zn	Ag	Co	Ni	Cr/Mg	As
1	L	4	W	1+ OOS	15	68	37	.5	85	8	9.5	
2	L	4	W	1+ OOS	16	73	42	.5	40	7	9.5	
3	L	4	W	2+ OOS	14	76	28	3	60	4	6.9	
4	L	4	W	3+ OOS	9	81	42	.2	50	6	10	
5	L	4	W	4+ OOS	9	74	44	.2	40	5	5.3	
6	L	4	W	5+ OOS	11	62	32	.2	30	7	7.6	
7	L	4	W	6+ OOS	8	84	51	.1	40	17	<1	
8	L	4	W	7+ OOS	7	57	40	.2	55	12	9.9	
9	L	4	W	8+ OOS	8	55	25	< .1	90	18	1.5	
10	L	4	W	9+ OOS	15	68	28	< .1	60	12	29	
11	L	4	W	10+ OOS	9	50	32	.2	60	4	2.8	
12	L	4	W	11+ OOS	14	47	49	.2	45	11	21	
13	L	4	W	12+ OOS	13	55	60	.4	60	8	<1	
14	L	4	W	13+ OOS	16	74	90	1.5	60	6	13	
15	L	4	W	14+ OOS	17	110	83	< .1	75	13	2.4	
16	L	4	W	15+ OOS	8	48	44	< .1	20	3	24	
17	L	4	W	16+ OOS	10	63	52	.1	40	6	3.4	
18	L	4	W	17+ OOS	21	114	108	.2	75	8	22	
19	L	4	W	18+ OOS	20	81	47	.1	35	9	1.2	
20	L	4	W	19+ OOS	10	65	78	.2	70	6	20	
21												
22												
23												
24												

Samples and rejects discarded after two months

SIGNED *[Signature]*

TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGESS TECHNICAL ENTERPRISES LIMITED
655 KING ST. W., TORONTO 28, ONT., CANADA
 TELEPHONE: 262-4248 - AREA 318

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.
G-103-2

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

		SAMPLE No				Cu	Pb	Zn	Ag	Cr %	Cr %	As
front	1	L	4	W	20+ OOS	13	58	72	< .1	75	5	10
	2	L	4	W	21+ OOS	22	83	90	.1	90	4	22
	3	L	4	W	22+ OOS (S&L)	16	82	75	.2	60	6	4.7
	4	L	4	W	23+ OOS	9	89	52	< .1	45	5	19
front	5	L	12		0+ OOS	16	74	83	< .1	40	5	<1
	6	L	12		1+ OOS	20	58	89	< .1	35	8	15
	7	L	12		2+ OOS	15	91	116	.1	75	9	<1
	8	L	12		3+ OOS	10	50	96	.2	110	23	8.4
	9	L	12		4+ OOS	11	55	120	.3	210	25	1
	10	L	12		5+ OOS	14	60	125	.2	50	5	12
	11	L	12		6+ OOS	13	64	104	.1	115	32	1.3
	12	L	12		7+ OOS	19	57	130	< .1	60	15	15
	13	L	12		8+ OOS	2	69	17	< .1	30	47	<1
	14	L	12		9+ OOS	18	74	119	.2	60	12	17
	15	L	12		10+ OOS	25	86	119	.6	70	20	1
	16	L	12		11+ OOS	15	63	109	.3	130	23	11
	17	L	12		12+ OOS	18	76	119	.2	80	25	5.9
	18	L	12		13+ OOS	10	41	65	.1	320	78	3.4
	19	L	12		14+ OOS	9	42	98	< .1	320	96	<1
	20	L	12		15+ OOS	7	39	57	.1	130	91	2.7
	21											
	22											
	23											
	24											

Samples, Pulps and Rejects discarded after two months

SEP 23 1972

SIGNED

[Handwritten Signature]

CPA

TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGHEIM TECHNICAL ENTERPRISES LIMITED
355 KING ST. W., TORONTO 22, ONT., CANADA
 TELEPHONE: 262-4240 - AREA 410

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.
G-108-3

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

		SAMPLE No			Cu	Pb	Zn	Ag	Cr NIK	Cr Mg	AS
port	1	L	12	16+ 00S	8	50	79	.3	280	49	<1
	2	L	12	17+ 00S	18	81	73	.3	45	10	7.9
	3	L	12	17+ 88S	10	83	48	.1	60	21	<1
port	4	L	15 W	0	17	73	120	< .1	55	8	12
	5	L	15 W	1	17	112	100	.4	70	6	<1
	6	L	15 W	2	17	84	123	.2	75	5	12
	7	L	15 W	3	8	82	53	.2	85	9	2.9
	8	L	15 W	4	10	81	72	.2	55	7	9.6
	9	L	15 W	5	10	85	71	.1	40	6	5.1
	10	L	15 W	6	9	62	79	.1	40	7	20
	11	L	15 W	7	14	104	72	< .1	60	6	<1
	12	L	15 W	8	7	86	48	< .1	25	4	3.9
	13	L	15 W	9	9	79	47	< .1	35	5	11
	14	L	15 W	10	8	97	41	< .1	30	3	14
	15	L	15 W	11	10	88	49	.2	30	7	<1
	16	L	15 W	12	12	74	82	.2	50	5	<1
	17	L	15 W	13	5	82	42	< .1	20	6	<1
	18	L	15 W	14	5	59	44	.1	35	4	8.3
	19	L	5 W	15	18	80	53	.1	50	5	9.2
	20	L	15 W	16	17	104	119	.2	65	3	1.7
	21										
	22										
	23										
	24										

Res., Pulp and Rejects discarded after two months

DATE SEP 22 1972

SIGNED *[Signature]*

STA

TECHNICAL SERVICE LABORATORIES

DIVISION OF DUNGEN TECHNICAL ENTERPRISES LIMITED

355 KING ST. W., TORONTO 22, ONT., CANADA

TELEPHONE: 262-4249 - AREA 410

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-108-4

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No					Cu	Pb	Zn	Ag	Cr NK	Cr %a	As
Front	1	L	15	W	17	11	86	61	.1	110	3	3.1
	2	L	15	W	18	13	91	65	< .1	50	3	2.6
	3	L	15	W	19	9	75	92	< .1	85	4	7.1
	4	L	15	W	20	10	88	92	.1	40	6	1.3
	5	L	15	W	21	6	54	27	.1	120	4	<1
	6	L	15	W	22	12	91	60	.2	70	4	<1
	7	L	15	W	23	13	75	48	.5	40	6	6.9
	8	L	15	W	24	9	89	58	.1	40	7	11
Front	9	L	15		24 +50S	8	85	66	< .1	90	9	4.8
	10	L	16		0	9	67	113	< .1	50	4	6.6
	11	L	16		1	15	100	190	.1	70	3	<1
	12	L	16		2	19	63	250	.2	150	18	2.1
	13	L	16		3	20	80	120	.2	70	6	1.0
	14	L	16		4	22	95	105	.1	60	4	6.5
	15	L	16		5	15	67	84	.1	140	8	<1
	16	L	16		6	7	39	55	.1	250	14	6.5
	17	L	16		7	15	66	92	< .1	200	37	<1
	18	L	16		8	12	51	95	1.5	220	26	<1
	19	L	16		9	14	90	96	.8	105	8	<1
	20	L	16		10	11	66	93	.2	20	42	4.9
	21											
	22											
	23											
	24											

Samples, Pulps and Rejects discarded after two months

DATE SEP 29 1972

SIGNED

[Handwritten Signature]

CTA

TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGESS TECHNICAL ENTERPRISES LIMITED
355 KING ST. W., TORONTO 22, ONT., CANADA
 TELEPHONE: 362-4240 - AREA 410

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-108-5

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

		SAMPLE No		Cu	Pb	Zn	Ag	Cr NK	Cr %6	As
front	1	L 16 - 11		19	94	119	.2	70	6	<1
	2	L 16 - 12		22	90	108	<.1	60	7	12
	3	L 16 - 13		24	95	130	.1	75	6	4.8
	4	L 16 - 14		20	97	98	.4	60	5	1
	5	L 6 - 15		18	82	68	<.1	80	7	4
	6	L 16 - 16		22	82	117	.2	80	5	8.7
	7	L 6 - 17		8	83	55	<.1	30	8	1.2
	8	L 16 - 18		17	80	96	.1	60	9	11
	9	L 16 - 19		19	94	99	.1	70	6	5.4
	10	L 16 - 19 +56S		12	82	54	.1	50	10	<1
line	11	17N-0		10	65	113	.2	110	11	3.6
	12	17N- 1		12	82	67	.2	70	12	5.4
	13	17N- 2		12	122	59	.2	50	7	2.9
	14	17N- 3		14	68	56	<.1	50	6	7.5
	15	17N- 4		10	76	41	.2	40	6	4.6
	16	17N- 5		11	71	42	.2	30	8	10
	17	17N- 6		9	83	48	<.1	80	11	3.9
	18	17N- 7		21	99	95	.1	70	4	11
	19	17N- 8		3	54	22	<.1	60	5	<1
	20	17N- 9		11	74	58	.1	60	13	7.3
	21									
	22									
	23									
	24									

and Pulps and Rejects discarded after two months

DATE SEP 20 1972

SIGNED *[Signature]*

ST

TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGESS TECHNICAL ENTERPRISES LIMITED
355 KING ST. W., TORONTO 22, ONT., CANADA
 TELEPHONE: 362-4248 - AREA 418

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.
G-108-6

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

		SAMPLE No	Cu	Pb	Zn	Ag	Cr/Si	Cr/Mg	As
Line	1	L 17 W 10	9	85	35	< .1	20	6	8.5
	2	L 17 W 11	16	63	40	< .1	20	7	18
	3	L 17 W 12	13	79	40	< .1	20	6	7.9
	4	L 17 W 13	9	60	37	< .1	20	5	10
	5	L 17 W 14	12	61	20	.1	35	20	16
	6	L 17 W 15	11	69	50	.1	25	8	11
	7	L 17 W 16	11	82	40	< .1	25	4	14
	8	L 17 W 17	10	79	55	< .1	20	6	< 1
	9	L 17 W 18	9	56	30	.2	10	3	300
	10	L 17 W 19	11	66	20	.5	10	4	12
	11	L 17 W 20	13	65	40	.2	15	6	17
	12	L 17 W 21	15	120	65	.5	15	8	14
	13	L 17 W 22	11	63	40	.2	15	3	15
	14	L 17 W 23	17	78	125	1.3	25	6	15
Line	15	L 24 W 0	17	85	140	< .1	80	24	4.7
	16	L 24 W 1	15	71	80	.7	65	23	10
	17	L 24 W 2	12	89	70	.3	30	8	6.5
	18	L 24 W 3	8	73	40	< .1	40	4	10
	19	L 24 W 4	13	93	35	< .1	30	6	8
	20	L 24 W 5	12	82	35	< .1	20	5	14
	21								
	22								
	23								
	24								

Samples, Pulps and Rejects discarded after two months

DATE SEP 29 1972

SIGNED *[Signature]*

CTA


TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED
355 KING ST. W., TORONTO 25, ONT., CANADA
 TELEPHONE: 362-4249 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.
G-108-7

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

Line		SAMPLE No	Cu	Pb	Zn	Ag	Cr NK	Cr Da	As
1	L	24 W 6	14	91	30	.3	25	4	12
2	L	24 W 7	12	65	35	.2	40	3	18
3	L	24 W 8	12	75	80	.5	20	7	11
4	L	24 W 9	11	78	50	.2	45	11	<1
5	L	24 W 10	14	93	65	< .1	50	9	6.1
6	L	24 W 11	11	47	90	< .1	30	8	16
7	L	24 W 12	12	89	65	< .1	30	6	0.4
8	L	24 W 13	11	61	60	.2	55	10	10
9	L	24 W 14	16	92	90	< .1	40	6	5.3
10	L	24 W 15	16	104	50	< .1	25	4	9.5
11	L	24 W 16	11	86	35	.3	5	10	5.2
12	L	24 W 17	15	65	45	< .1	35	12	15
13	L	24 W 18	16	103	85	< .1	20	8	8.1
14	L	24 W 19	12	76	45	< .1	20	10	14
15	L	24 W 20	15	81	65	.1	15	4	12
16	L	24 W 21	12	73	45	.2	20	8	3.3
17	L	24 W 22	15	84	55	.4	20	6	11
18	L	33 W 0	16	108	130	.1	40	6	<1
19	L	33 W 1	14	60	155	.4	20	12	8.8
20	L	33 W 2	15	65	145	.3	25	15	12
21									
22									
23									
24									

Samples, Pulps and Rejects discarded after two months

DATE SEP 29 1972

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TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGHER TECHNICAL ENTERPRISES LIMITED

355 KING ST. W., TORONTO 23, ONT., CANADA

TELEPHONE: 302-4248 - AREA 410

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.
G-102-8

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

Line		SAMPLE No	Cu	Pb	Zn	Ag	Cr NIX	Cr Mo	As
1	L	33 W 3	21	75	150	.1	25	16	7.8
2	L	33 W 4	19	87	100	.2	15	6	2.4
3	L	33 W 5	19	88	80	< .1	15	25	7.6
4	L	33 W 6	13	61	135	< .1	20	13	14
5	L	33 W 7	24	86	95	.3	25	26	16
6	L	33 W 8	15	80	40	< .1	45	32	11
7	L	33 W 9	21	81	70	.1	40	10	15
8	L	33 W 10	16	73	100	< .1	35	11	10
9	L	33 W 11	15	56	40	< .1	40	16	10
10	L	33 W 12	16	17	95	.4	230	56	23
11	L	33 W 13	15	60	65	.5	30	11	14
12	L	33 W 14	24	59	150	1	25	12	14
13	L	33 W 15	19	69	65	.2	30	15	10
14	L	33 W 16	20	68	125	< .1	65	18	12
15	L	33 W 17	24	60	95	.6	60	12	12
16	L	33 W 18	26	87	115	.2	35	5	14
17	L	33 W 19	22	82	90	.1	50	6	8.6
18	L	33 W 20	17	71	75	< .1	20	31	13
19	L	33 W 21	16	56	100	.2	45	4	14
20	L	33 W 22 +00S	15	78	80	.2	15	8	11
21									
22									
23									
24									

Samples, Pulps and Rejects discarded after two months

DATE SEP 29 1972

SIGNED *[Signature]*

CTA

TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGHER TECHNICAL ENTERPRISES LIMITED
335 KING ST. W., TORONTO 22, ONT., CANADA
 TELEPHONE: 362-4240 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-102-9

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

		SAMPLE No				Cu	Pb	Zn	Ag	Cr %	Cr Mg	As
1	L	33	W	22	22	77	55	.1	15	4	11	
2	L	33	W	22 + 64	22	78	195	2.6	20	7	10	
3	L	89	W	0	15	79	85	< .1	45	11	8.7	
4	L	89	W	1	14	87	60	< .1	20	6	11	
5	L	89	W	2	15	77	75	< .1	30	4	12	
6	L	89	W	3	22	104	80	.2	15	5	7.1	
7	L	89	W	4	16	31	50	.1	15	4	20	
8	L	89	W	5	14	82	55	< .1	15	5	12	
9	L	89	W	6	17	70	80	< .1	20	9	14	
10	L	89	W	7	21	73	115	.9	30	6	10	
11	L	89	W	8	15	67	45	< .1	45	4	13	
12	L	89	W	9	14	80	45	< .1	20	3	14	
13	L	89	W	10	8	65	40	.1	15	4	14	
14	L	89	W	11	7	86	35	.3	10	3	15	
15	L	89	W	12	9	65	40	.1	10	11	7.0	
16	L	89	W	13	11	80	40	< .1	20	15	14	
17	L	89	W	14	9	67	35	.1	15	3	12	
18	L	89	W	15	10	87	40	< .1	10	4	13	
19	L	89	W	16	9	90	30	.2	20	3	17	
20	L	89	W	17	16	89	55	.1	25	6	13	
21												
22												
23												
24												

Samples, Pulps and Rejects discarded after two months

SIGNED

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ST-1

TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGESS TECHNICAL ENTERPRISES LIMITED

355 KING ST. W., TORONTO 25, ONT., CANADA

TELEPHONE: 362-4249 - AREA 418

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-108-10

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

Line	SAMPLE No	Cu	Pb	Zn	Ag	Cr NPK	Cr Mx	As
1	L 89 W 18	13	87	45	.5	39	4	12
2	L 89 W 19	14	88	35	.3	51	3	15
3	L 89 W 20	13	73	55	.1	21	5	25
4	L 89 W 21	20	84	40	1.5	55	20	16
5	L 89 W 21+40	10	59	50	.1	27	6	15
6	L 76 W 0+ OOS	17	93	50	< .1	50	7	10
7	L 76 W 1+ OOS	19	86	150	.2	61	4	14
8	L 76 W 2+ OOS	16	79	95	.2	39	8	12
9	L 76 W 3+ OOS	14	80	65	.2	40	6	15
10	L 76 W 4+ OOS	16	97	55	.3	70	21	15
11	L 76 W 5+ OOS	15	87	130	.3	51	18	12
12	L 76 W 6+ OOS	14	51	70	< .1	24	25	11
13	L 76 W 7+ OOS	14	69	130	.1	53	6	10
14	L 76 W 8+ OOS	17	65	150	.3	49	7	14
15	L 76 W 9+ OOS	19	74	135	< .1	50	8	12
16	L 76 W 10+ OOS	23	91	70	< .1	65	12	12
17	L 76 W 11+ OOS	16	76	55	< .1	42	5	16
18	L 76 W 12+ OOS	15	82	110	.4	100	13	13
19	L 76 W 13+ OOS	16	78	75	.3	151	9	15
20	L 76 W 14+ OOS	13	74	90	< .1	43	7	9.3
21								
22								
23								
24								

Jan 1974, Pulps and Rejects discarded after two months

DATE _____ 1974

SIGNED *Debra*

CYA

TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGESS TECHNICAL ENTERPRISES LIMITED

555 KING ST. W., TORONTO 23, ONT., CANADA

TELEPHONE: 362-4240 - AREA 418

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-102-11

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

Line	L	M	W	SAMPLE No	Cu	Pb	Zn	Ag	Cr NK	Cr Mg	As
1	L			76 W 15+ OOS	13	91	68	.2	18	35	6.2
2	L			76 W 16+ OOS	7	106	49	< .1	13	11	4.6
3	L			76 W 17+ OOS	12	110	102	.2	50	18	6
4	L			76 W 18+ OOS	13	70	88	.3	39	28	4.8
5	L			76 W 19+ OOS	10	29	53	.5	243	85	4.5
6	L			76 W 20+ OOS	103	97	103	2.8	62	8	5.7
7	L			76 W 21+ OOS	17	102	134	1.1	27	7	6
8	L			76 W 21+ 85S	8	86	120	1.2	15	9	3
9	L			44 W 16+ OOS	13	91	105	.1	53	13	14
10	L			44 W 17+ OOS	15	93	142	.9	48	12	4.4
11	L			44 W 18+ OOS	10	140	41	.4	141	24	< 1
12	L			44 W 19+ OOS	25	99	100	.5	22	85	< 1
13	L			44 W 20+ OOS	11	91	77	.4	35	14	6.4
14	L			44 W 21+ OOS	20	122	74	.7	25	7	7.5
15	L			44 W 21+ 60S	10	91	59	.4	11	5	4.6
16	L			44 W 0+ OOS NB	12	87	90	.1	14	6	2.1
17	L			44 W 1+ OOS	9	112	73	.3	38	4	3.3
18	L			44 W 2+ OOS	6	111	40	.2	37	4	5.2
19	L			44 W 3+ OOS	12	117	33	.1	11	5	9.4
20	L			44 W 4+ OOS	21	123	219	1.0	16	8	3
21											
22											
23											
24											

Samples, Pulps and Rejects discarded after two months

DATE _____

SIGNED  _____



TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGESS TECHNICAL ENTERPRISES LIMITED
355 KING ST. W., TORONTO 25, ONT., CANADA
 TELEPHONE: 302-6248 - AREA 418

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.
G-108-12

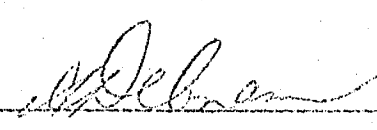
SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No					Cu	Pb	Zn	Ag	Cr NK	Cr %	As
1	L	44	W	5+	00S	14	78	104	.2	10	6	8.5
2	L	44	W	6+	00S	13	75	101	.1	13	7	9.6
3	L	44	W	7+	00S	20	89	94	< .1	31	8	< 1
4	L	44	W	8+	00S	16	91	105	< .1	17	7	5.6
5	L	44	W	9+	00S	15	103	37	< .1	20	8	5
6	L	44	W	10+	00S	14	72	77	.2	39	14	4.6
7	L	44	W	11+	00S	15	101	52	.3	11	31	< 1
8	L	44	W	12+	00S	14	71	44	< .1	36	9	21
9	L	44	W	13+	00S	20	80	100	< .1	50	11	1.4
10	L	44	W	14+	00S	12	92	46	.2	105	25	5.3
11	L	44	W	15+	00S	6	98	25	.1	16	10	9.9
12	L	56	W	0+	00S NBL	5	80	123	.1	10	12	5.4
13	L	56	W	1+	00S	12	87	156	< .1	18	11	8.3
14	L	56	W	2+	00S	14	79	88	< .1	60	23	8.4
15	L	56	W	3+	00S	5	84	37	< .1	9	6	6.3
16	L	56	W	4+	00S	8	102	55	< .1	21	8	4.7
17	L	56	W	5+	00S	10	121	94	.4	13	5	7.3
18	L	56	W	6+	00S	10	98	33	.3	12	7	8.4
19	L	56	W	7+	00S	13	66	62	.1	10	19	11.3
20	L	56	W	8+	00S	10	91	41	.8	10	6	5.4
21												
22												
23												
24												

Samples, Dupes and Rejects discarded after two months

DATE _____

SIGNED 

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TECHNICAL SERVICE LABORATORIES

DIVISION OF DUNGEN Technical Enterprises Limited

355 KING ST. W., TORONTO 25, ONT., CANADA

TELEPHONE: 362-4240 - AREA 418

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.
G-102-13

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

Line	SAMPLE No				Cu	Pb	Zn	Ag	Cr%	Cr Mo	As	
	1	L	56	W 9+	00S	3	78	24	< .1	12	5	4.1
	2	L	56	W 10+	00S	15	118	36	.2	28	15	8.2
	3	L	56	W 11+	00S	13	77	95	.7	27	13	6.4
	4	L	56	W 12+	00S	13	98	90	.2	14	6	10
	5	L	56	W 13+	00S	4	81	10	< .1	11	5	9.7
	6	L	56	W 14+	00S	5	102	48	< .1	21	11	9.2
	7	L	56	W 15+	00S	3	71	14	< .1	7	3	8.9
	8	L	56	W 16+	00S	6	59	17	.3	63	41	14
	9	L	56	W 17+	00S	17	87	98	.6	24	30	< 1
Line	10	L	60	W 0+	00S	7	85	24	< .1	11	5	2.5
	11	L	60	W 1+	00S	5	92	47	.1	5	3	10
	12	L	60	W 2+	00S	11	93	78	.2	13	8	11
	13	L	60	W 3+	00S	13	111	75	.5	15	6	9.8
	14	L	60	W 4+	00S	22	99	103	.4	12	5	7.2
	15	L	60	W 5+	00S	14	59	92	.6	11	7	9.4
	16	L	60	W 6+	00S	10	107	40	.2	10	8	< 1
	17	L	60	W 7+	00S	9	74	77	.5	10	8	5.5
	18	L	60	W 8+	00S	8	101	53	.7	17	7	10
	19	L	60	W 9+	00S	10	107	70	< .1	16	5	4.3
	20	L	60	W 10+	00S	17	96	79	.1	14	8	8.8
	21											
	22											
	23											
	24											

Samples, Pulps and Rejects discarded after two months

DATE SEP 3 1972

SIGNED *[Signature]*



TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGHER TECHNICAL ENTERPRISES LIMITED
 355 KING ST. W., TORONTO 23, ONT., CANADA
 TELEPHONE: 362-4240 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Sciminex Limited
 Suite 303
 330 Bay St.
 Toronto 105, Ontario
 Attention Mr. W.H. Morrison

REPORT NO. G-108-14

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

No.	SAMPLE No	Cu	Pb	Zn	Ag	NiCr	MoH ₂	
1	L60W 11+00S	40	88	195	.2	20	17	
2	12+00S	16	49	91	.1	85	1.0	
3	13+00S	17	56	105	.2	17	13	
4	14+00S	16	38	81	.4	62	1.5	
5	15+00S	23	112	122	.7	19	12	
6	16+00S	20	101	173	1.1	21	6.8	
7	17+00S	20	78	245	.5	6	4.7	
8	18+00S	20	89	132	.6	20	7.0	
9	19+00S	17	80	64	.2	20	10	
10	20+00S	22	122	65	.2	11	6.3	
11	L60W 21+00S SBL	25	99	177	.2	7	7.2	
12	L60W 0+00S	15	93	58	.2	10	5.0	
13	1+00S	15	69	170	.7	17	12	
14	2+00S	20	91	160	.2	5	5.1	
15	3+00S	18	62	138	1.2	16	13	
16	4+00S	17	77	91	1.0	5	7.5	
17	5+00S	15	61	72	.5	20	20	
18	6+00S	12	89	100	.4	15	12	
19	7+00S	9	62	50	.4	17	12	
20	L60W 8+00S	13	80	141	1.5	6	9.8	
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DATE September 8 / 72

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SAMPLES DISCARDED AFTER TWO MONTHS UNLESS STORAGE INSTRUCTIONS ARE SUPPLIED BY CLIENT.

TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED
355 KING ST. W., TORONTO 23, ONT., CANADA
 TELEPHONE: 362-4248 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G108-15

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

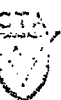
	SAMPLE No	Cu	Pb	Zn	Ag	Ni (%)	Mo (%)
1	L68W 9+00S	15	87	50	.3	7	8.7
2	10+00S	18	93	63	.5	12	14
3	11+00S	19	92	104	.4	11	11
4	12+00S	19	87	150	.6	30	5.7
5	13+00S	18	79	134	.8	21	12.1
6	14+00S	11	31	630	20	6.9	3.2
7	15+00S	17	65	115	.8	35	8.0
8	16+00S	16	100	158	.8	18	10
9	17+00S	20	91	269	.5	13	9.1
10	18+00S	18	104	91	.5	9	10
11	19+00S	17	101	86	.3	11	16
12	20+00S	15	67	210	.3	7	8.5
13	L68W 21+00S	12	85	130	.2	22	10
14	L68W 21+2.5S SBL	14	76	135	.2	25	6.3
15	L72W 1+00S NBL	10	111	58	.4	6	9.5
16	2+00S	17	95	169	.2	9	6.5
17	3+00S	25	91	100	.3	13	14
18	4+00S	15	83	50	.1	10	9.0
19	5+00S	11	82	41	2.1	5	12
20	L72W 6+00S	14	95	40	.2	14	10
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DATE

Sept. 8 / 72

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TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGESS TECHNICAL ENTERPRISES LIMITED
 355 KING ST. W., TORONTO 25, ONT., CANADA
 TELEPHONE: 362-4248 - AREA 410

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.
G108-16

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni.C.	Mo f.s.		
1	L72W 7+00S	15	73	72	.3	8	13		
2	8+00S	14	102	75	.2	7	9.1		
3	9+00S	19	83	47	.2	5	13		
4	10+00S	14	135	74	.1	6	13		
5	11+00S	12	73	50	.2	2.1	7.2		
6	12+00S	13	82	85	.3	5	15		
7	13+00S	9	87	63	.3	6	7.7		
8	14+00S	18	110	175	.4	5	9.2		
9	15+00S	19	82	167	.4	8	6.4		
10	16+00S	20	81	200	.3	6	5.5		
11	17+00S	5	85	44	2.1	17	2.1		
12	18+00S	7	50	70	.5	7	8.1		
13	19+00S	10	101	57	.4	8	10		
14	20+00S	14	51	76	.2	5	17		
15	21+00S	29	102	163	.2	10	11		
16	22+00S	16	103	50	.6	6	13		
17	L72W 22+40S	17	71	800	20	59	<1		
18	L76W 0+00S	14	93	49	4.4	6	7.3		
19	1+00S	11	105	102	.3	19	1.7		
20	L76W 2+00S	20	99	190	.7	20	9.4		
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DATE Sept 5/72

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SAMPLES DISCARDED AFTER TWO MONTHS UNLESS STORAGE INSTRUCTIONS ARE SUPPLIED BY CLIENT.

TECHNICAL SERVICE LABORATORIES
DIVISION OF DURGHER TECHNICAL ENTERPRISES LIMITED
 385 KING ST. W., TORONTO 25, ONT., CANADA
 TELEPHONE: 362-4240 - AREA 410

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-108-17

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni-Cr	Mo ^{ppm}		
1	L76W 3 + OCS	14	111	77	.3	5	7.8		
2	4 + OCS	15	97	66	.4	12	11		
3	5 + OCS	13	100	136	.2	17	10		
4	6 + OCS	12	61	72	.4	30	1.0		
5	7 + OCS	11	102	140	.2	22	5.0		
6	8 + OCS	23	80	265	.6	20	9.4		
7	9 + OCS	13	87	115	.2	12	5.0		
8	10 + OCS	19	81	75	.3	5	16		
9	11 + OCS	15	106	67	.4	5	10		
10	12 + OCS	11	79	115	.2	11	4.5		
11	13 + OCS	15	112	83	.5	17	5.3		
12	14 + OCS	17	71	111	.5	5	6.8		
13	15 + OCS	16	89	141	.6	11	4.1		
14	16 + OCS	13	83	195	.9	15	6.0		
15	17 + OCS	14	101	135	.4	16	5.9		
16	18 + OCS	11	70	140	.2	15	3.4		
17	19 + OCS	2	36	60	.3	60	<1		
18	20 + OCS	12	79	85	.7	6	10		
19	21 + OCS	16	90	131	.2	11	5.4		
20	L76W 21 + 85	24	63	140	.8	19	6.7		
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TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED

355 KING ST. W., TORONTO 25, ONT., CANADA

TELEPHONE: 362-4240 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-108-18

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

No.	SAMPLE No	Cu	Pb	Zn	Ag	Ni/Cr	Mo μ s	
1	L84W 0+00S NBL	6	21	58	.6	61	7.3	
2	1+00S	8	40	650	20	82	2.1	
3	2+00S	5	27	195	9.7	43	2.9	
4	3+00S	5	8	250	11.7	90	3.7	
5	4+00S	7	15	70	.6	25	8.4	
6	5+00S	5	61	119	10.6	17	1	
7	6+00S	10	108	98	2.6	11	16	
8	7+00S	11	49	104	.5	30	10	
9	8+00S	7	40	91	2.5	71	7.3	
10	9+00S	12	67	103	2.1	19	10	
11	10+00S	14	69	205	2.4	12	11	
12	11+00S	20	81	161	1.4	13	5.0	
13	12+00S	16	112	152	2.5	5	15	
14	13+00S	13	118	105	.8	16	10	
15	14+00S	17	100	137	.2	19	18	
16	15+00S	7	77	61	.5	12	7.9	
17	16+00S	8	67	65	.5	7	13	
18	17+00S	11	80	91	.6	2.1	7.0	
19	18+00S	5	103	65	.1	10	15	
20	L84W 19+00S	10	80	53	.1	7	7.5	
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DATE

Sept 8/72

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Sciminex Limites
 Suite 303
 330 Bay St.
 Toronto 105, Ontario
 SAMPLE(S) OF Attention Mr. W.H. Morrison

REPORT NO.
 G-198-19

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni Cr	Mo
1	LPE W 20 + CCS SBL	12	81	150	1.2	19	7.9
2	LPE 1 + COX	9	92	81	.3	17	5.6
3	2 + COX	10	59	47	.3	36	4.3
4	3 + COX	13	35	86	.2	12	4.5
5	4 + COX	5	55	78	.5	38	6.4
6	5 + COX	10	64	93	.4	42	7.6
7	6 + COX	17	66	121	.4	23	10
8	7 + COX	10	99	40	1.8	7	14
9	8 + COX	14	90	85	.3	25	6.1
10	9 + COX	12	72	83	4.1	19	12
11	10 + COX	5	67	32	.2	8	11
12	11 + COX	10	76	60	.3	6	9.8
13	12 + COX	10	76	32	.2	9	12
14	13 + COX	8	67	27	.3	11	15
15	14 + COX	16	88	31	1.0	7	10
16	15 + COX	13	85	40	.5	9	3.1
17	16 + COX	10	60	54	.3	21	14
18	17 + COX	13	76	43	.2	5	5.5
19	18 + COX	15	85	52	.5	5	10
20	LINES 18 + 33N (8-10)	14	76	43	1.8	11	8.1
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September 12/72

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TECHNICAL SERVICES CORPORATION
 DIVISION OF BURGHER TECHNICAL ENTERPRISES LIMITED
 355 KING ST. W., TORONTO 25, ONT., CANADA
 TELEPHONE: 362-4245 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.
 G108-20

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni Cr	Mo
1	L74E 0100N	17	76	33	.3	7	1.9
2	1100N	10	102	45	.2	9	8.2
3	2100N	22	81	135	.8	13	8.4
4	4100N	16	52	62	.1	11	2.0
5	5100N	20	81	110	9.1	15	3.5
6	6100N	9	69	800	.5	172	6.9
7	7100N	13	1	140	.6	19	24
8	8100N	20	89	195	3.5	33	9.3
9	9100N	23	98	135	.2	6	6.7
10	10100N	18	81	176	.3	17	8.8
11	13100N	18	67	139	7.5	8	6.3
12	14100N	13	62	40	4.4	39	13
13	15100N	17	83	133	4.5	7	1.5
14	16100N	17	63	111	4.3	12	6.7
15	17100N	17	75	250	4.7	68	7.8
16	18100N	14	81	149	4.4	5	12
17	19100N	18	90	109	4.4	12	11
18	21100N	16	47	115	4.3	13	3.1
19	21100N NRE	10	97	203	4.4	56	5.3
20	L74E ?C	17	110	192	4.5	13	4.2
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DATE September 12/72

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.
 G-108-21

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni-Cr	Mo	µs
1	L74W ?B	16	72	154	.5	9	11	
2	?C	13	76	48	.2	13	6.4	
3	L74W ?d	20	100	80	.3	8	8.3	
4	L30E 0+00N SBL	18	80	280	.3	7	5.6	
5	1+00N	11	72	42	2.1	14	6.7	
6	2+00N	11	80	125	.2	12	7.0	
7	3+00N	13	98	128	.3	25	6.9	
8	4+00N	15	82	151	.4	50	2.1	
9	5+00N	9	28	79	.5	81	4.0	
10	6+00N	6	29	73	3	79	5.5	
11	7+00N	8	40	100	.3	83	2.1	
12	8+00N	10	47	85	.2	52	2.7	
13	9+00N	4	27	78	.3	78	1.7	
14	10+00N	5	35	105	.3	53	3.6	
15	11+00N	11	51	122	.4	30	2.9	
16	12+00N	10	75	168	.2	19	4.2	
17	13+00N	12	81	121	.4	13	9.1	
18	14+00N	13	96	82	.5	5	8.1	
19	15+00N	12	99	110	.3	19	6.5	
20	L30E 16+00N	12	75	80	.5	26	3.6	
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DATE September 12/72

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-108-22

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	NiCr	Mo _{ss}		
1	L30E 17+CON	17	66	82	.3	15	6.5		
2	18+CON	15	55	93	.3	10	7.4		
3	19+CON	18	93	77	.8	11	9.0		
4	20+CON	18	93	23	.4	32	4.6		
5	21+CON	19	13	59	.4	30	16		
6	22+CON	17	69	90	.3	6	7.3		
7	L30E 22+5CON	22	89	151	.7	21	6.1		
8	L44E 0+CON	25	88	52	.5	5	3.9		
9	1+CON	18	71	93	.5	25	5.8		
10	2+CON	9	65	38	.2	8	7.0		
11	3+CON	25	85	110	.4	5	4.7		
12	4+CON	17	77	138	.5	2	1.9		
13	5+CON	14	39	90	.4	43	6.1		
14	6+CON	15	46	120	.5	22	2.8		
15	7+CON	13	55	72	.6	20	6.9		
16	8+CON	20	35	82	1.2	5	<1		
17	9+CON	55	270	325	4.6	11	6.5		
18	10+CON	20	93	92	.5	3	4.1		
19	11+CON	9	75	26	2.1	3	6.2		
20	L44E 12+CON	9	61	78	.2	10	3.5		
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DATE September 12/72

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TECHNICAL SERVICE LABORATORY
 DIVISION OF BURGHER TECHNICAL ENTERPRISES LIMITED
 333 MISSION ST. W., TORONTO 22, ONT., CANADA
 TELEPHONE: 592-4240 - AREA 410

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G108-23

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	NiCr	Mo	
1	LASSE 13+COON	11	71	26	2.1	15	6.6	
2	14+COON	15	55	27	.3	6	12	
3	15+COON	14	76	40	.3	8	5.1	
4	16+COON	19	99	49	.2	2	5.2	
5	17+COON	23	160	57	.3	15	2.1	
6	18+COON	27	90	101	.7	29	2.1	
7	19+COON	20	81	95	1.1	11	3.8	
8	20+COON	25	120	125	.5	3	2.0	
9	21+COON	25	71	251	1.0	7	8.6	
10	LASSE 21+COON NRE	14	40	99	1.9	9	5.5	
11	LASSE 24+COON	21	85	93	.9	15	7.6	
12	24+COON	20	82	72	.4	11	2.1	
13	3+COON	17	72	65	1.4	15	1.3	
14	4+COON	13	59	131	3.5	4	9.7	
15	5+COON	19	89	70	.3	2	6.9	
16	6+COON	9	69	76	.4	11	12	
17	7+COON	18	67	103	1.5	32	6.1	
18	8+COON	19	135	102	.9	25	2.1	
19	9+COON	17	101	110	2.0	24	2.1	
20	LASSE 10+COON	18	85	115	.7	2	4.0	
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DATE Sept 12, 70

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SAMPLES DISCARDED AFTER TWO MONTHS UNLESS STORAGE INSTRUCTIONS ARE SUPPLIED BY CLIENT

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-108-24

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

SAMPLE No	Cu	Pb	Zn	Ag	Ni Cr	Mo	Other
1 L58E 12+CON	16	69	100	.5	13	<1	
2 13+CON	18	44	315	1.0	3	4.3	
3 14+CON	11	83	12	.4	12	3.6	
4 15+CON	12	38	69	.8	22	6.4	
5 16+CON	19	76	29	2.1	5	3.0	
6 17+CON	21	87	100	.4	9	8.2	
7 18+CON	16	72	45	.5	17	5.5	
8 19+CON	18	93	131	1.0	44	4.0	
9 20+CON	24	76	275	1.2	15	8.0	
10 21+CON	21	77	180	.7	21	2.7	
11 21+CON NBL	8	65	65	.4	10	4.4	
12 2+CONC	14	72	103	.5	16	4.0	
13 L58E 2+CON B	16	61	161	.5	12	3.1	
14 L108E 0+CON SBL	6	95	24	.2	17	9.2	
15 1+CON	12	93	109	.2	9	6.2	
16 2+CON	18	68	30	.3	8	13	
17 3+CON	17	93	25	<.1	11	3.7	
18 4+CON	87	95	50	.4	13	13	
19 5+CON	29	105	33	.2	2	8.2	
20 L108E 6+CON	11	77	27	.1	2	7.0	
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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-105-25

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni-Cr	Mo \int_{13}
1	LICRE 7+00N	17	69	60	.5	12	19
2	8+00N	14	64	39	.1	15	15
3	9+00N	15	68	61	2.6	22	70
4	10+00N	61	60	101	.6	11	80
5	11+00N	14	81	55	.3	27	18
6	12N	12	59	46	.7	5	15
7	13+00N	13	61	20	.3	13	17
8	14+00N	10	87	26	.4	8	11
9	15+00N	19	85	37	.3	2	13
10	16+00N	15	83	53	.7	9	12
11	17+00N	9	44	43	.3	13	16
12	18+00N	18	59	21	.8	5	15
13	19-00N	9	69	30	.3	4	12
14	20-00N	15	70	52	.5	17	13
15	21+00N	16	97	119	1.1	7	11
16	22+00N	12	52	40	1.0	30	17
17	23+00N	15	75	77	.6	3	9.3
18	24+00N	17	62	71	.5	31	16
19	LICRE 25+00N	15	72	102	.5	20	17
20	LICRE 0+00N	16	66	55	.4	21	14
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25/10/72

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TECHNICAL ANALYSIS LABORATORIES
 DIVISION OF BURGHER TECHNICAL ENTERPRISES LIMITED
 555 KING ST. W., TORONTO 25, ONT., CANADA
 TELEPHONE: 362-4240 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-108-26

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni C ₁	Mo P ₂
1	L92E 1+COX	10	67	55	14	6	19
2	2+COX	9	64	25	15	23	15
3	3+COX	11	89	60	2	9	19
4	4+COX	15	30	31	3	29	20
5	5+COX	9	89	33	12	11	14
6	6+COX	8	61	20	4	13	14
7	7+COX	14	81	23	2	12	15
8	8+COX	8	89	27	2	5	16
9	9+COX	7	75	30	1	7	15
10	10+COX	10	69	28	7	26	19
11	11+COX	14	90	30	4	12	12
12	12+COX	11	63	43	17	2	14
13	13+COX	5	75	55	1	5	23
14	14+COX	3	49	22	4	2	14
15	15+COX	6	71	23	3	15	20
16	16+COX	9	52	25	3.2	6	16
17	17+COX	14	72	61	6	13	11
18	18+COX	13	66	51	4	10	16
19	19+COX	10	81	72	1.5	9	12
20	L92E 20+COX	8	56	31	2	20	17
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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-108-27

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

SAMPLE No	Cu	Pb	Zn	Ag	Ni/Cr	Mo
1 L92E 21+00N	15	32	72	1.1	4	23
2 22+00N	17	81	60	1.6	3	16
3 23+00N	6	81	34	1.4	2	11
4 L92E 23+20N NISL	13	94	59	1.6	15	72
5 L92E 0+00N	18	89	61	1.4	4	13
6 1+00N	20	90	92	1.6	8	16
7 2+00N	19	64	111	1.9	3	16
8 3+00N	17	118	80	1.7	27	15
9 4+00N	10	41	36	1.5	39	16
10 5+00N	10	73	83	1.4	21	11
11 6+00N	11	87	122	1.3	10	11
12 7+00N	11	102	91	1.2	31	12
13 8+00N	5	50	40	1.1	27	10
14 9+00N	9	80	75	1.1	35	11
15 10+00N	8	62	36	1.1	3	13
16 11+00N	12	77	53	1.1	11	9.2
17 12+00N	7	76	41	1.1	19	10
18 13+00N	10	70	50	1.2	26	11
19 14+00N	9	47	74	1.1	7	10
20 L92E 15+00N	7	86	37	1.1	21	11
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DATE 10/12/72

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TECHNICAL SERVICES LABORATORIES
 DIVISION OF DUNLOP TECHNICAL ENTERPRISES LIMITED
 335 KING ST. W., TORONTO 1W, ONT., CANADA
 TELEPHONE: 362-4245 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G108-28

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

SAMPLE No	Cu	Pb	Zn	Ag	NI	Mo	As
1 L82E 16+CON	6	73	34	.5	5	14	
2 17+CON	13	74	30	.7	9	12	
3 18+CON	8	75	25	.6	11	13	
4 19+CON	3	67	15	.5	4	77	
5 20+CON	2	83	29	.6	9	12	
6 21+CON	12	50	60	.7	5	12	
7 22+CON	9	85	30	.3	6	16	
8 23+CON	14	13	103	.8	12	14	
9 L82E 23+CON	16	114	61	.6	10	64	
10 L76E 0+CON	11	60	61	.5	15	16	
11 1+CON	13	105	55	.6	14	55	
12 2+CON	10	25	53	.5	7	20	
13 3+CON	9	117	37	.4	5	53	
14 4+CON	9	68	52	.6	11	11	
15 5+CON	14	102	57	.5	5	30	
16 6+CON	10	61	121	1.0	23	55	
17 7+CON	23	82	120	.7	10	11	
18 8+CON	11	85	110	.5	21	10	
19 9+CON	10	66	21	.4	30	87	
20 L76E 10+CON	9	69	37	.2	13	11	
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DATE

September 12/72

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G100-29

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni Cr	Mo
1	L70E 11+00N	8	63	29	.4	12	12
2	12+00N	17	87	150	.5	10	11
3	13+00N	8	58	50	.3	7	12
4	14+00N	18	50	188	.7	11	3.0
5	15+00N	10	93	75	.3	10	9.8
6	16+00N	11	65	56	.4	9	9.1
7	17+00N	8	55	52	.3	20	<1
8	18+00N	8	86	67	.3	5	14
9	19+00N	19	78	152	.6	8	27
10	20+00N	15	20	110	.4	10	13
11	21+00N	19	89	138	2.1	15	12
12	L70E 21+00N NBL	20	82	83	.5	4	14
13	L60E 0+00N	11	92	106	.6	11	27
14	1+00N	15	64	215	.7	4	15
15	2+00N	4	93	233	.3	3	10
16	3+00N	8	68	95	.2	8	13
17	4+00N	7	75	50	.1	4	.1
18	5+00N	6	60	118	.2	9	15
19	6+00N	8	76	189	.2	5	9.0
20	L60E 7+00N	7	96	101	.3	10	9.3
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DATE

September 12/72

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TECHNICAL DIVISION LABORATORY
 DIVISION OF DURGENCH TECHNICAL ENTERPRISES LIMITED
 333 HURON ST. W., TORONTO 220, ONT., CANADA
 TELEPHONE: 362-4240 - AREA 410

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-108-20

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni Cr	Mo	
1	LGRE 8+00N	12	110	80	.2	15	8.3	
2	9+00N	8	85	120	.6	3	6.5	
3	10+00N	10	67	60	.2	52	10	
4	11+00N	7	86	55	.1	9	8.2	
5	12+00N	10	50	150	.2	24	8.2	
6	13+00N	8	85	70	.1	11	8.1	
7	14+00N	8	63	111	.2	12	6.7	
8	15+00N	6	62	151	.2	15	8.0	
9	16+00N	9	69	80	.1	13	5.9	
10	17+00N	6	93	60	.1	28	11	
11	18+00N	6	85	73	.2	11	8.2	
12	19+00N	10	82	71	.2	3	6.1	
13	20+00N	10	81	72	.2	6	11	
14	21+00N	8	88	95	.3	9	11	
15	LGRE 22+00N MBL	10	74	129	.4	11	10	
16	EB 0+00N SBL	5	104	27	.2	4	9.4	
17	1+00N	7	106	31	.3	20	10	
18	2+00N	5	123	28	.2	11	5.9	
19	3+00N	13	91	60	.4	12	18	
20	EB 4+00N	7	120	25	.1	13	14	
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DATE

September 12/72

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.
 G-105-31

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	NI Cr	Mo / ₁₀₀
1	ES 5+00N	3	101	29	.1	9	54
2	6+00N	7	95	28	.1	15	15
3	7+00N	3	90	25	<.1	11	6.7
4	8+00N	5	88	29	.2	12	12
5	9+00N	3	95	24	.1	6	15
6	10+00N	4	99	34	.1	13	20
7	11+00N	2	93	23	<.7	31	14
8	12+00N	3	72	19	.1	10	18
9	13+00N	4	102	17	.2	5	11
10	14+00N	6	77	26	.1	7	17
11	15+00N	8	119	43	.2	5	12
12	16+00N	7	154	36	.1	10	23
13	17+00N	4	100	33	.1	21	13
14	18+00N	5	91	30	.1	3	19
15	19+00N	3	99	23	<.1	2	12.1
16	ES 19+90N	1	109	13	<.1	5	59
17	LE 0+00S NPL	6	70	20	.1	9	12
18	1+00S	5	82	29	.1	18	13
19	2+00S	7	91	28	.2	11	4.4
20	LE 3+00S	10	95	30	.2	10	10
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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G107-32

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni-Cr	Mo	As
1	LH 1+00S	15	90	41	.2	5	11	
2	5+00S	19	97	69	.4	6	15	
3	6+00S	14	87	40	.2	5	13	
4	7+00S	11	90	40	.2	5	7.3	
5	8+00S	11	88	41	.1	3	3.7	
6	9+00S	19	91	122	.5	13	11	
7	10+00S	13	87	150	.9	9	4.4	
8	11+00S	24	112	163	.7	5	19	
9	12+00S	17	59	250	.6	7	5.1	
10	13+00S	23	88	122	.7	25	13	
11	14+00S	21	95	101	.5	7	6.0	
12	15+00S	13	94	80	.4	5	11	
13	16+00S	15	52	65	.3	3	10	
14	17+00S	6	48	40	.4	33	1.7	
15	18+00S	8	55	69	.3	12	2.9	
16	LH 19+00S SBL	8	50	195	1.1	14	2.2	
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DATE

September 12/72

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TO MR. *Morris*
 FROM:
 W. H. MORRISON
 SUITE 303, 330 BAY STREET
 TORONTO 105, ONTARIO

TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED
355 KING ST. W., TORONTO 2B, ONT., CANADA
 TELEPHONE: 362-4248 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Sciminex Ltd.
 Suite 303
 330 Bay St.
 Toronto 105, Ontario
 Attn Mr. W.H. Morrison

REPORT NO.
G-205-1

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni	Cu. Mo	As.
1	L2W 0+00S	13	91	32	2.2		4	10.4
2	1+00S	14	84	43	2.4		6	17.0
3	2+00S	17	120	54	1.5		2	9.5
4	3+00S	19	108	38	1.5		4	16.0
5	4+00S	16	110	45	1.8		3	9.1
6	5+00S	17	107	43	1.3		2	14.0
7	6+00S	9	94	19	1.4		1	8.5
8	7+00S	28	194	54	1.3		2	4.6
9	8+00S	12	91	23	1.2		4	11.0
10	9+00S	15	71	41	1.1		3	21.3
11	10+00S	15	84	26	1.2		5	11.6
12	11+00S	14	113	73	1.3		1	4.5
13	12+00S	15	95	55	1.6		4	8.2
14	13+00S	12	101	44	1.5		2	6.3
15	14+00S	19	73	40	1.3		5	12.0
16	15+00S	15	113	28	1.0		6	3.7
17	16+00S	10	88	28	1.0		5	9.4
18	17+00S	11	117	45	1.4		5	5.5
19	18+00S	23	102	59	1.2		1	10.0
20	19+00S	24	114	25	1.4		3	6.7
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DATE Nov 9/72

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TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED

355 KING ST. W., TORONTO 28, ONT., CANADA

TELEPHONE: 362-4246 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-205-2

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni	Cu-Mg	As
1	L2W 20+00S	30	144	75	1.9		1	12.0
2	21+20S	20	130	51	1.5		1	10.7
3	22+00S	24	121	48	2.9		2	14.0
4	23+00S	17	108	25	1.5		6	6.7
5	L2W 23+10S	17	63	55	1.6		2	12.4
6	L2W 5+50S	21	177	53	1.4		3	10.0
7	6+50S	10	76	21	2.0		5	8.0
8	7+50S	19	54	38	1.3		3	7.9
9	8+50S	9	59	19	1.2		2	11.0
10	9+50S	13	89	27	1.1		3	9.3
11	10+50S	12	110	23	1.4		4	7.8
12	11+50S	14	110	105	1.5		2	5.4
13	12+50S	29	123	55	1.6		4	8.7
14	13+50S	12	97	26	1.4		5	9.6
15	14+50S	18	104	36	1.4		5	12.0
16	L4W 5+50S	14	123	53	1.9		4	5.2
17	6+50S	20	128	66	1.4		2	7.8
18	7+50S	22	116	62	1.2		3	11.0
19	8+50S	14	86	33	1.1		8	15.0
20	9+50S.	11	76	18	1.0		3	14.0
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TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED

355 KING ST. W., TORONTO 2B, ONT., CANADA

TELEPHONE: 362-4248 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G 205-3

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	NI	Cr/Mg	AS
1	LHW 10+50S	21	74	82	.6		6	12.0
2	11+50S	18	71	90	.6		4	16.0
3	12+50S	14	99	49	1.1		5	16.0
4	13+50S	20	24	56	.5		5	22.0
5	14+50S	22	71	64	.4		2	17.0
6	15+50S	16	74	49	.4		2	12.0
7	LHW 1+00S	16	49	46	.9		5	17.0
8	2+00S	15	78	35	.5		3	15.0
9	3+00S	10	54	24	.6		2	10.0
10	4+00S	12	68	29	.5		4	12.0
11	5+00S	14	89	24	.6		2	23.0
12	6+00S	6	21	13	.3		5	2.9
13	7+00S	13	65	28	.4		6	15.0
14	8+00S	14	41	26	.5		5	11.0
15	9+00S	10	15	13	.4		2	17.0
16	10+00S	10	48	25	.3		3	12.0
17	11+00S	9	45	27	.4		2	11.0
18	12+00S	9	10	9	.5		10	5.7
19	13+00S	13	86	30	.5		7	21.0
20	14+00S	17	98	55	.6		2	22.0
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TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED

355 KING ST. W., TORONTO 28, ONT., CANADA

TELEPHONE: 362-4248 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G 205-11

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni	C ₁ Ma	AS
1	L8W 15+00S	25'	64	70	.9		18	5.2
2	16+00S	12	26	15'	.5'		9	12.0
3	17+00S	14	49	116	.5'		8	14.0
4	18+00S	12	2	17	.6		9	18.0
5	19+00S	8	18	21	.4		5	10.0
6	20+00S	16	88	52	.9		6	20.0
7	21+00S	14	100	47	.5'		5'	14.0
8	22+00S	7	14	5	.3		11	6.0
9	23+00S	8	13	18	.5'		2	14.0
10	24+00S	10	57	13	.6		9	9.0
11	25+00S	6	13	7	.7		6	3.0
12	L8W 5+50S	17	90	43	.5'		5'	22.0
13	6+50S	14	120	40	.5'		2	17.0
14	7+50S	11	98	35'	.4		1	14.0
15	8+50S	12'	61	42	.5'		3	21.0
16	9+50S	8	44	20	.4		4	14.0
17	10+50S	7	27	17	.3		4	16.0
18	11+50S	6	28	8	.2		9	6.0
19	12+50S	10	76	12	.8		6	18.0
20	13+50S	8	44	19	.5'		9	15.0
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TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED

355 KING ST. W., TORONTO 22, ONT., CANADA

TELEPHONE: 362-4248 - AREA 418

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G-205-5

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni	Cr-Mn	As
1	L 8 W 14+50S	18	95'	28	.7		6	19.0
2	L 15 W 8+50S	11	110	19	.5		1	11.0
3	9+50S	15'	159	23	.4		2	18.0
4	10+50S	11	109	12	.2		6	6.1
5	11+50S	13	49	13	.3		4	6.3
6	12+50S	8	75'	12	.3		7	21
7	13+50S	13	61	8	.4		13	3.9
8	14+50S	5'	52	6	.3		9	21
9	15+50S	9	73	16	.2		3	14.0
10	16+50S	8	60	17	.4		8	2.2
11	17+50S	7	30	8	.6		24	5.7
12	18+50S	8	92	11	.3		2	10.0
13	19+50S	13	87	12	.5		1	17.0
14	20+50S	10	125'	14	.4		2	10.0
15	L 17 W 10+50S	12	109	19	.5		2	20.0
16	11+50S	7	158	5'	.3		1	17.0
17	12+50S	9	98	17	.5		3	20.0
18	13+50S	9	78	11	.4		2	7.0
19	14+50S	11	53	14	.5		1	16.0
20	15+50S	14	138	30	.7		2	8.5
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TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED
355 KING ST. W., TORONTO 28, ONT., CANADA
TELEPHONE: 362-4246 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

205-6

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni	Cr Mo	As
1	L17W 16+50S	9	70	9	.9		2	21
2	17+50S	10	139	12	.4		3	15
3	18+50S	8	68	12	.5		3	13
4	19+50S	11	140	21	.3		1	18
5	20+50S	13	180	29	.7		4	11
6	L24W 8+50S	11	156	17	.4		1	10
7	9+50S	14	90	19	.3		1	25
8	10+50S	9	125	29	.2		2	3
9	11+50S	7	57	10	.4		3	11.2
10	12+50S	9	90	5	.4		2	15
11	13+50S	10	56	20	.5		12	7.9
12	14+50S	13	108	31	.3		2	17
13	15+50S	9	140	26	.2		1	21
14	16+50S	9	68	24	.4		5	7.2
15	17+50S	10	83	39	.3		2	20
16	18+50S	12	98	73	.3		4	10
17	19+50S	8	97	22	.2		4	19
18	20+50S	8	87	46	.3		5	10
19	L44W 9+50S	14	135	70	.5		15	21
20	10+50S	7	79	24	.6		11	1.3
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DATE Nov 9/42

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TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED
355 KING ST. W., TORONTO 2B, ONT., CANADA
 TELEPHONE: 962.4248 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.
G-205-7

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni	C _u Mo	As.
1	L 44 W 11+50S	11	76	22	.3		4	9
2	12+50S	15	90	43	.5		4	9.3
3	18+50S	11	72	82	.3		3	8.5
4	19+50S	10	69	41	.7		15	5.1
5	L 56 W 8+50S	9	74	65	.5		16	6.5
6	9+50S	14	112	103	.8		5	11
7	10+50S	16	75	218	.6		5	7.3
8	11+50S	14	89	121	.5		8	12.
9	12+50S	10	66	40	.4		19	5.5
10	13+50S	11	48	52	.3		7	7.5
11	14+50S	14	90	68	.2		2	9.9
12	15+50S	13	92	66	.3		5	9.6
13	16+50S	8	31	17	.4		25	3.2
14	L 60 W 7+50S	12	64	43	.5		19	8.1
15	8+50S	18	126	220	.4		6	9.0
16	9+50S	13	104	132	.5		5	8.5
17	10+50S	14	134	115	.5		5	11
18	11+50S	15	81	226	.6		6	9
19	12+50S	4	52	20	.3		7	5.5
20	13+50S	7	91	39	.4		3	13.0
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TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED
355 KING ST. W., TORONTO 25, ONT., CANADA
 TELEPHONE: 352-4248 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.
G205-8

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

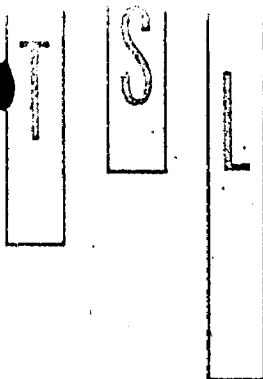
	SAMPLE No	Cu	Pb	Zn	Ag	Ni	Cr. Mo	As
1	L58E 3+50N	19	113	90	.4		2	17
2	4+50N	13	113	51	.5		5	8.9
3	5+50N	15	101	55	.4		4	11
4	6+50N	13	112	81	.5		3	7.9
5	7+50N	16	79	145	.6		7	6.4
6	8+50N	17	99	200	.5		4	5.8
7	12+50N	8	27	51	.4		6	1.4
8	13+50N	13	68	107	2.9		6	2.1
9	L62E 3+50N	11	30	18	.5		22	1.8
10	4+50N	18	113	125	.5		7	14
11	7+50N	16	68	128	.6		5	6.6
12	8+50N	17	86	120	.7		9	7.2
13	L70E 3+50N	12	80	91	.2		3	5.5
14	4+50N	15	80	133	.6		11	2.7
15	5+50N	17	84	75	.5		4	14.3
16	L82E 2+50N	18	126	70	.5		3	5.7
17	3+50N	11	106	46	.3		4	9.6
18	4+50N	10	70	27	.2		8	1.9
19	5+50N	10	53	40	.4		18	12
20	6+50N	9	30	67	.4		15	8.3
21								
22								
23								
24								

DATE Nov 9/72

SIGNED [Signature]



SAMPLES DISCARDED AFTER TWO MONTHS UNLESS STORAGE INSTRUCTIONS ARE SUPPLIED BY CLIENT.



TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED

355 KING ST. W., TORONTO 2B, ONT., CANADA

TELEPHONE: 362-4249 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G205-9

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Pt. Ntr	Mg	As.
1	L 82 E 7+50N	14	23	15	.2	24		3.1
2	8+50N	10	24	45	.3	36		16
3	9+50N	13	40	50	.5	25		14
4	10+50N	12	119	16	.3	12		11
5	11+50N	16	63	33	.6	12		5.7
6	L 92 E 21+50N	12	100	15	.3	3		26
7	11+50N	11	26	27	.3	6		11.4
8	5+50N	9	96	32	.2	5		24
9	6+50N	7	69	27	.2	2		20
10	7+50N	8	131	40	.3	4		25
11	8+50N	10	69	40	.5	3		19
12	7+50N	11	157	28	.6	4		26
13	10+50N	10	105	29	.5	5		18
14	11+50N	11	128	50	.5	3		24
15	12+50N	10	93	30	.3	2		6.8
16	13+50N	6	66	11	1.2	4		5.1
17	L 104 E 5+50N	9	47	12	.4	8		13
18	6+50N	5	31	5	.2	4		5.2
19	7+50N	6	32	11	.2	2		5
20	8+50N	8	55	18	.4	1		16.9
21								
22								
23								
24								

DATE Nov 9/72

SIGNED [Signature]



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TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED
335 KING ST. W., TORONTO 2B, ONT., CANADA
 TELEPHONE: 362-4248 - AREA 416

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.
G205-10

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni	Cr. Mo	As.
1	L104E 9+50N	9	30	14	.2		6	14
2	10+50N	14	100	70	.5		1	24
3	11+50N	7	44	13	.3		8	8.6
4	12+50N	13	182	45	.4		2	29
5	13+50N	11	110	46	.3		4	28
6	14+50N	7	37	11	.4		5	9.9
7	15+50N	8	97	13	.5		5	13
8	16+50N	9	30	23	.6		6	19
9	17+50N	9	101	20	.5		8	10
10	18+50N	8	76	42	.4		7	9.9
11	EB 5+50N	7	71	36	.4		2	16
12	6+50N	9	102	40	.4		2	15
13	7+50N	12	98	23	.2		1	20
14	8+50N	11	98	19	.2		2	24
15	9+50N	8	60	30	.1		3	15
16	10+50N	9	108	25	.2		1	18
17	11+50N	10	103	34	.3		2	23
18	12+50N	7	59	21	.3		1	19
19	13+50N	8	79	25	.1		2	20
20	14+50N	9	108	29	.1		2	17
21								
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DATE Nov 9 1972

SIGNED [Signature]



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TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED
355 KING ST. W., TORONTO 2B, ONT., CANADA
TELEPHONE: 362-4248 - AREA 418

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

REPORT NO.

G205-11

SAMPLE(S) OF

RESULTS IN PARTS PER MILLION

	SAMPLE No	Cu	Pb	Zn	Ag	Ni	C.Mn.	As.
1	EB 15+50N	8	97	25	.2		3	15
2								
3	201 samples							
4								
5								
6								
7								
8								
9								
10								
11	19							
12	636							
13	201							
14	<u> </u>							
15	856							
16	856 Samples							
17								
18								
19								
20								
21								
22								
23								
24								

Nov. 9/62

SIGNED

[Signature]

CTA
117

APPENDIX III

ASSAY INVOICE

Re: F. & 2. 1223

TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGENED TECHNICAL ENTERPRISES LIMITED

355 KING STREET WEST

TORONTO 28, ONTARIO

TELEPHONE: 363-4148

STATEMENT

October 2nd, 1973

Sciminex Limited
Suite 303
330 Bay Street
Toronto 1051, Ontario

DATE	INVOICE NO.	AMOUNT
June 29/72	46358	80.75
Aug 31/72	46994	1,575.00
Sept 8/72	47045	675.00
Sept 12/72	47081	1,220.00
Sept 29/72	47313	324.00
Nov 9/72	47697	1,356.75
		<u>5,411.50</u>

RECEIVED PAYMENT

YOUR CHECKS

TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGENED TECHNICAL ENTERPRISES LIMITED

Suzanne Berger

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TECHNICAL SERVICE LABORATORIES

DIVISION OF BURSNER TECHNICAL ENTERPRISES LIMITED

355 KING STREET WEST

TORONTO 2B, ONTARIO

EMPIRE 2-4248

C
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G
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O

Sciminex Limited
Suite 303
330 Bay Street
Toronto 105, Ontario
Attention Mr. W.J. Matthews

INVOICE NUMBER

SHIPPED TO:

DATE:	REFERENCE No.:	YOUR ORDER No.:			
SHIPPED:	VIA:	TERMS: NET 30 DAYS	UNIT PRICE	TOTAL	
June 29/72	G-79, 19 samples			\$ 80.75	
Aug 31/72	G-108, 260 samples			1,755.00	
Sept 8/72	G-108, 100 samples			675.00	
Sept 12/72	G-108,			1,220.00	
Sept 29/72	G-108, 276 samples			324.00	
Nov 9/72	G-205, 201 samples			<u>1,356.75</u>	
				<u>\$5,411.50</u>	
<p>Total <u>856</u> geochemical determinations of Cu, Pb, Zn, Ag, As, Cr plus preparation</p>					

INVOICE

$5,411.50 \div 15 = \underline{360.8 \text{ days}}$

APPENDIX III
ANALYTICAL PROCEDURES

TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED
355 KING ST. W., TORONTO 2B, ONT., CANADA

TELEPHONE: 362-4248 - AREA 416
CABLE ADDRESS: TECSERV

ANALYTICAL PROCEDURES APPLIED TO VEGETATION
SAMPLES SUBMITTED BY SCIMINEX LIMITED

1. Arsenic and Lead

5 grams of dried sample were pelletized to form a disc suitable for X-Ray analysis. As and Pb were analysed by X-Ray Fluorescence procedures.

2. Copper, Zinc, Silver, Chromium

The 5 grams pellets were dry ashed at 450°C, the ash dissolved in 3mls. of aqua-regia and the mixture diluted to 20 mls. Cu, Zn, Ag, and Cr were then determined by atomic absorption techniques.



A.H. Debnam

**GEOPHYSICAL - GEOLOGICAL
TECHNICAL DATA**



32D12SW0108 2.1223 HARKER

900

SEP 10 1973

PROJECTS
SECTION

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey Geochemical
 Township or Area Harker Twp.
 Claim holder(s) W.J. Matthews
 Author of Report W.J. Matthews
 Address 23 Hl Mount Dr. Willowdale
 Covering Dates of Survey June to Nov. 1972
 (linecutting to office)
 Total Miles of Line cut 17

MINING CLAIMS TRAVERSED
List numerically

(prefix) (number)

<u>SPECIAL PROVISIONS CREDITS REQUESTED</u>	<u>DAYS per claim</u>
ENTER 40 days (includes line cutting) for first survey.	Geophysical -Electromagnetic _____ -Magnetometer _____ -Radiometric _____
ENTER 20 days for each additional survey using same grid.	-Other _____ Geological _____ Geochemical _____

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
 (enter days per claim)

DATE: _____ SIGNATURE: W.J. Matthews
 Author of Report or Agent

PROJECTS SECTION

Res. Geol. _____ Qualifications 63.1103
 Previous Surveys 63.2974 not for assessment credits
63.41 Geophysical L.D.

Checked by _____ date _____

GEOLOGICAL BRANCH _____

Approved by _____ date _____

GEOLOGICAL BRANCH _____

Approved by _____ date _____

TOTAL CLAIMS _____

OFFICE USE ONLY

If space insufficient, attach list

Show instrument technical data in each space for
type of survey submitted or indicate "not applicable"

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS

Number of Stations _____ Number of Readings _____

Station interval _____

Line spacing _____

Profile scale or Contour intervals _____
(specify for each type of survey)

MAGNETIC

Instrument _____

Accuracy - Scale constant _____

Diurnal correction method _____

Base station location _____

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

Method: Fixed transmitter Shoot back In line Parallel line

Frequency _____
(specify V.L.F. station)

Parameters measured _____

GRAVITY

Instrument _____

Scale constant _____

Corrections made _____

Base station value and location _____

Elevation accuracy _____

INDUCED POLARIZATION – RESISTIVITY

Instrument _____

Time domain _____ Frequency domain _____

Frequency _____ Range _____

Power _____

Electrode array _____

Electrode spacing _____

Type of electrode _____

LAMPLUGH TWP M-358

THE TOWNSHIP OF
OF
HARKER

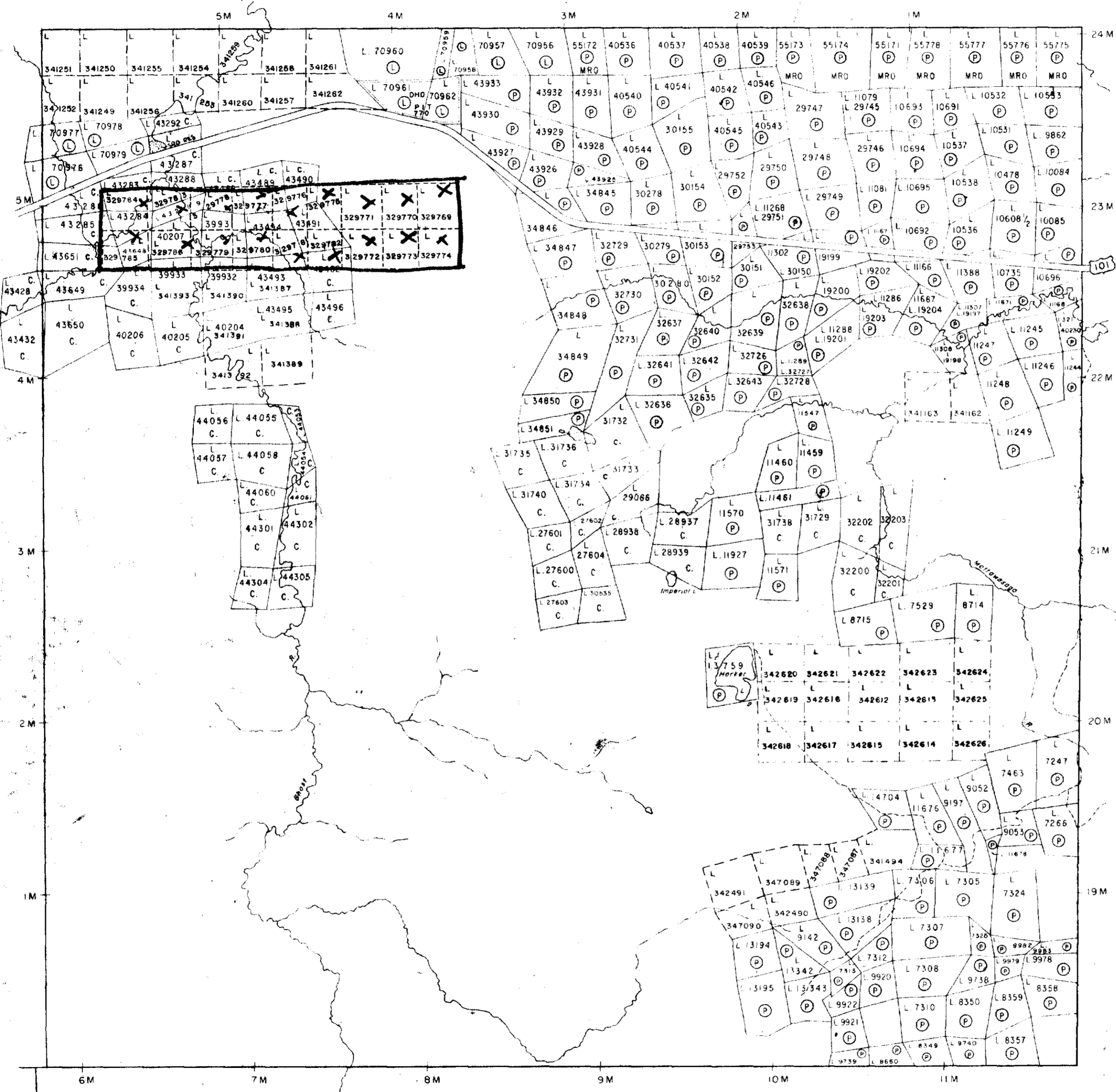
DISTRICT OF COCHRANE

LARDER LAKE MINING DIVISION

SCALE: 1-INCH 40 CHAINS

GARRISON TWP M-349

HOLLOWAY TWP M-356



LEGEND

- PATENTED LAND P
- CROWN LAND SALE C.S.
- LEASES L
- LOCATED LAND Loc.
- LICENSE OF OCCUPATION L.O.
- MINING RIGHTS ONLY M.R.O.
- SURFACE RIGHTS ONLY S.R.O.
- ROADS ---
- IMPROVED ROADS =
- KING'S HIGHWAYS =
- RAILWAYS =
- POWER LINES =
- MARSH OR MUSKEG =
- MINES *
- CANCELLED C

NOTES

400' Surface Rights reservation around all lakes and rivers

MINING LANDS -
 DATE OF ISSUE
 MAY 17 1973
 MINISTRY
 OF NATURAL RESOURCES

PLAN NO. **M-353**

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

ELLIOTT TWP M-347



2. 1223

LAMPLUGH TWP
HARKER TWP

SCALE: 1 IN. = 1000 FT.
GROUND CONTROL AFTER
O.E.M. MAP 1954-4

Blotting by W.D. Matthews RE: 124
March 1972

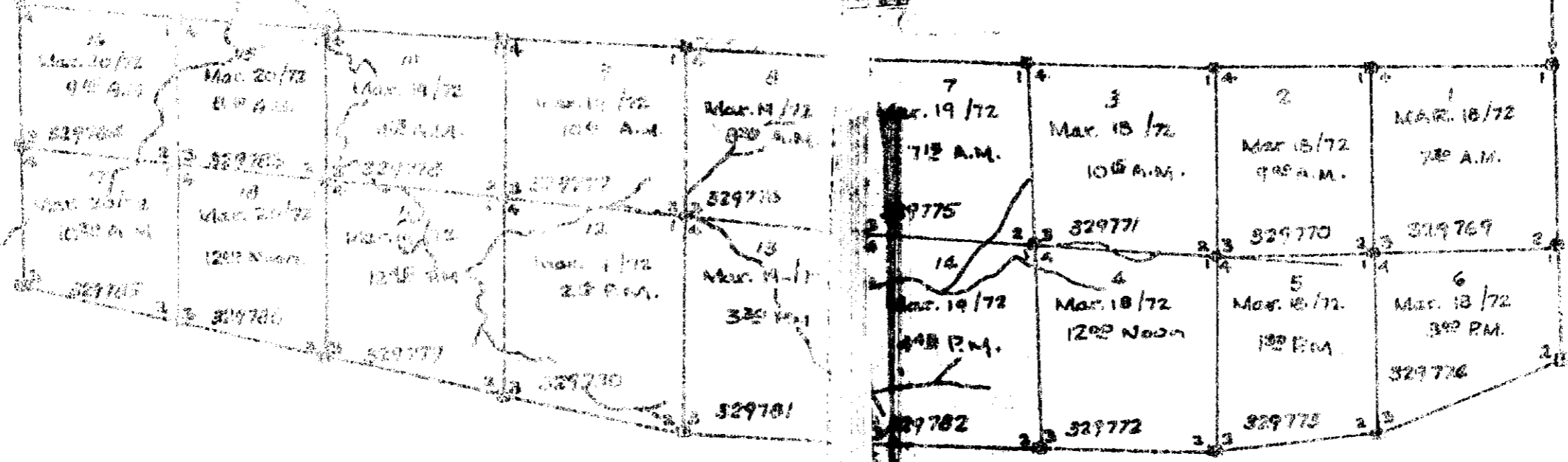
NET
Dist. 1972

Highway 12

2100'

1700'

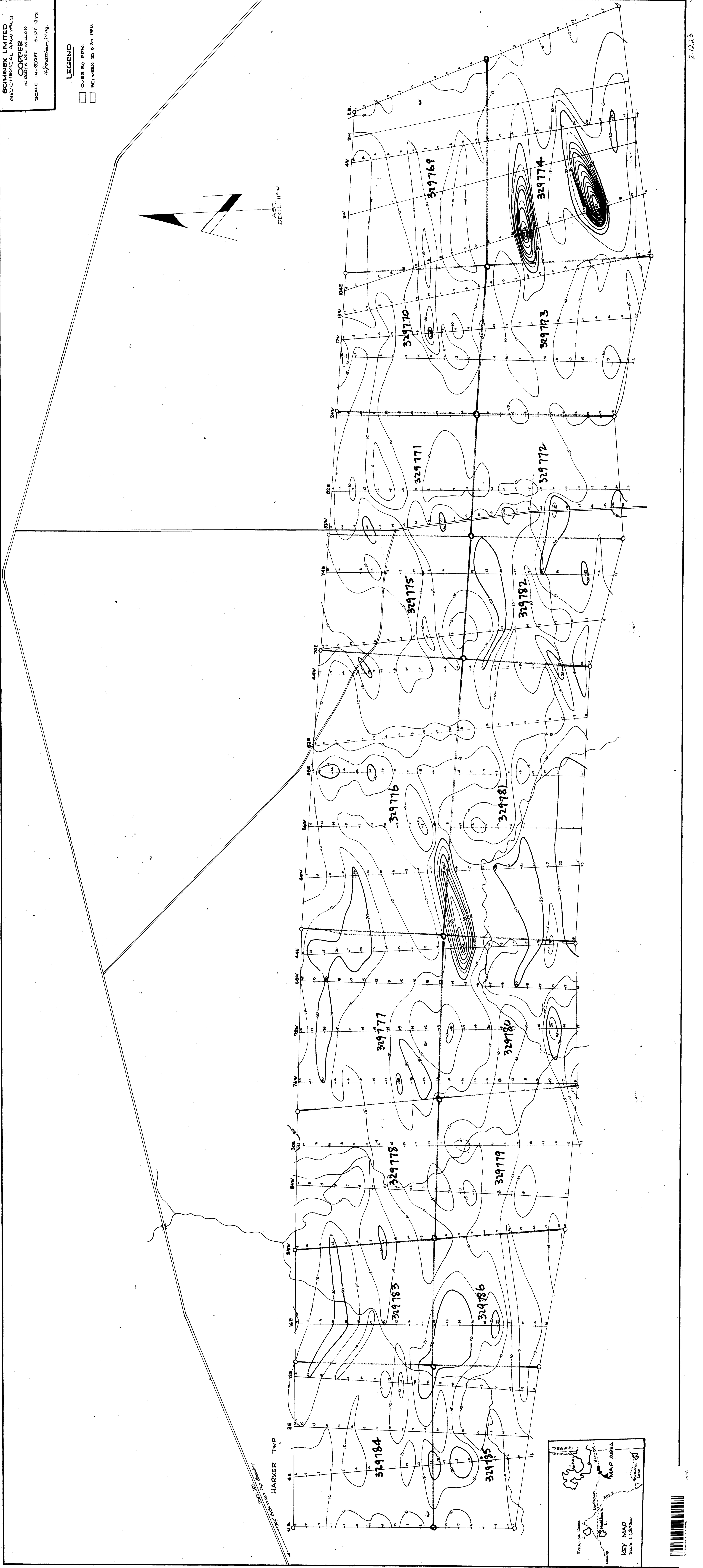
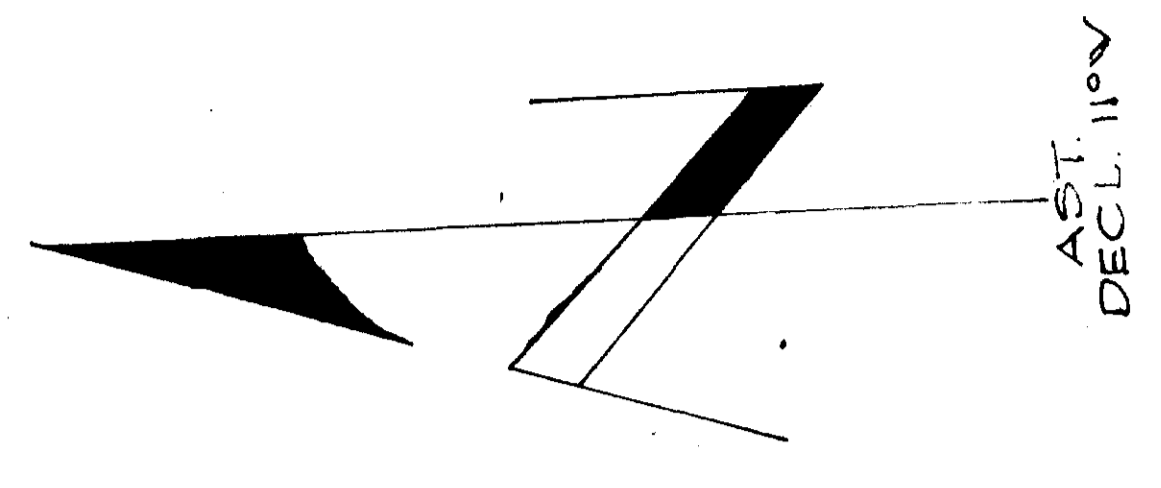
GARRISON TWP
HARKER TWP



SCMINEX LIMITED
 GEOCHEMICAL ANALYSES
COPPER
 IN PARTS PER MILLION
 SCALE: 1 IN = 200 FT. SEPT. 1972
G. Pruchman, P. Eng.

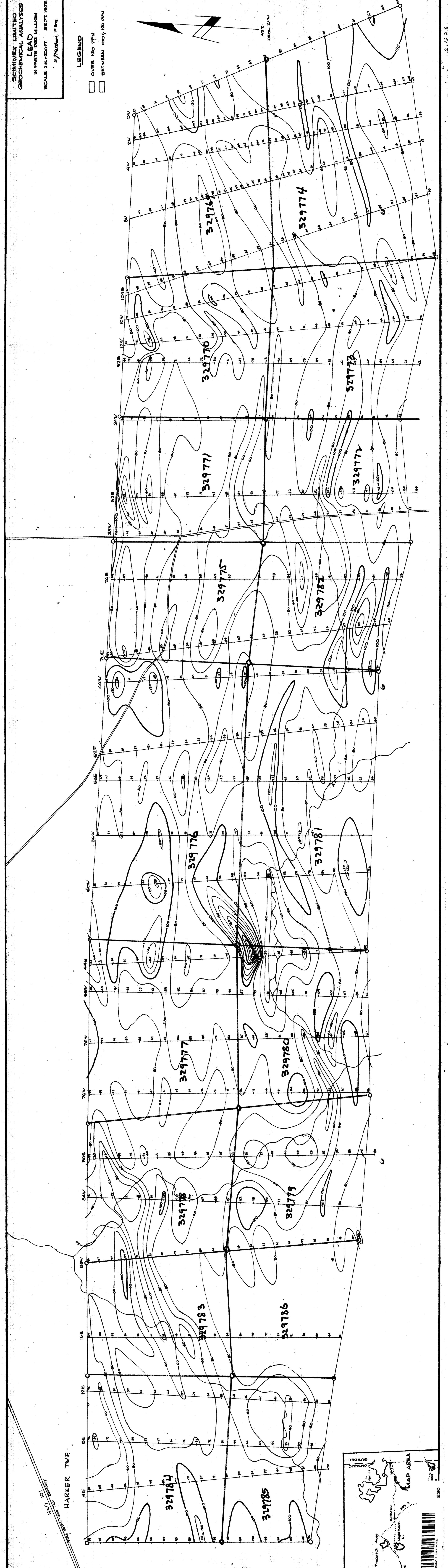
LEGEND

- OVER 30 PPM
- BETWEEN 20 & 30 PPM



SCHEINER LIMITED
 GEOCHEMICAL ANALYSES
 LEAD
 IN PARTS PER MILLION
 SCALE: 1 IN. = 200 FT. SEPT. 1972
 W. J. Matthews, P. Eng.

LEGEND
 □ OVER 120 PPM
 □ BETWEEN 100 & 120 PPM



MAP AREA



SCIMINEX LIMITED
 GEOCHEMICAL ANALYSES
SILVER
 IN PARTS PER MILLION
 SCALE: 1 IN = 200 FT. SEPT. 1972
Asphaticum, PEGG.

LEGEND
 □ OVER 2 PPM
 □ BETWEEN 1 & 2 PPM



ASPHATICUM
 PEGG. 1100

