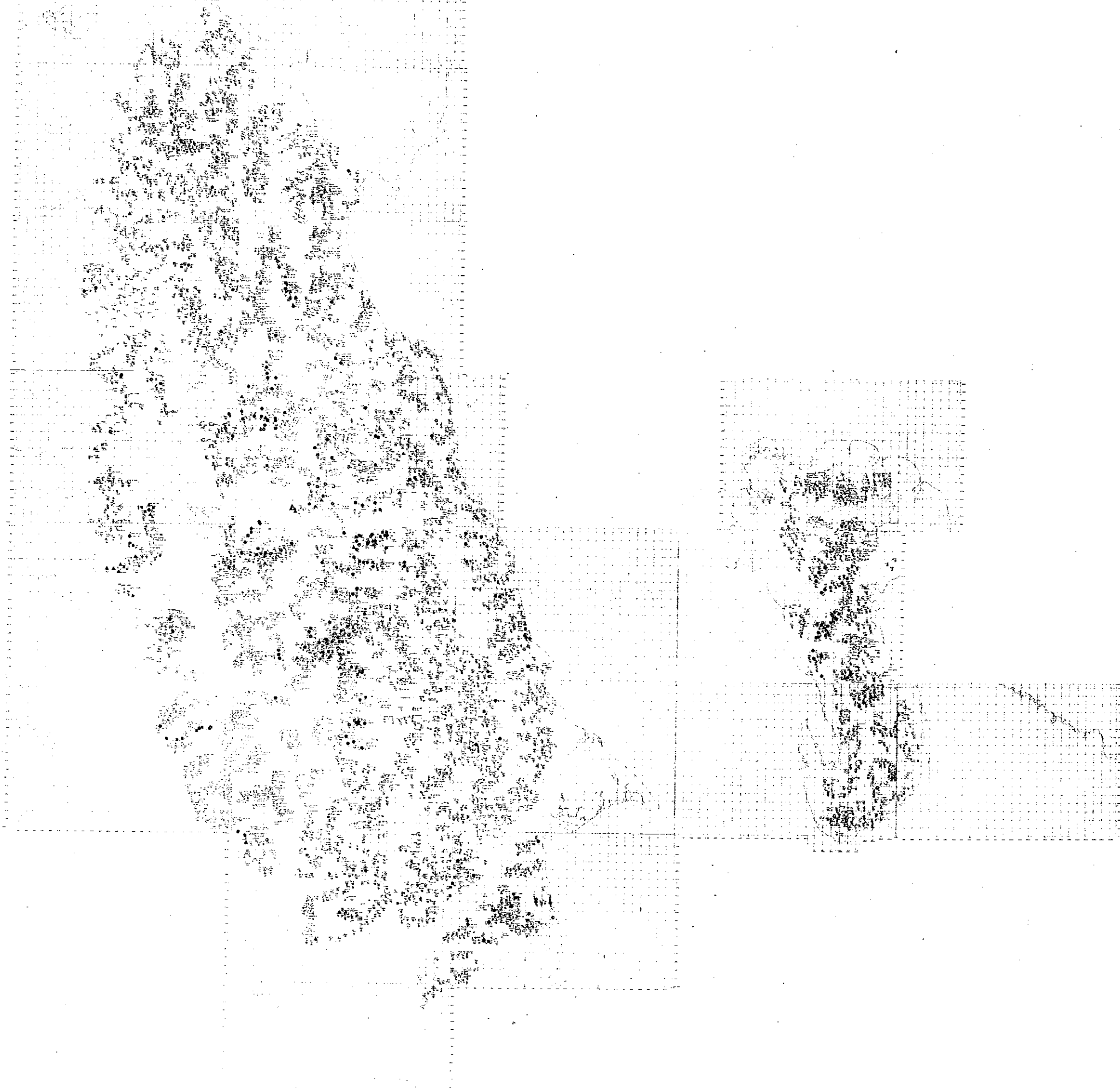


Cu ppm

Lithology	No. of Samples	Statistical Classification Table				
		Mean	Three Sds	Primary	Secondary	Highly
1 Sedimentary Rocks	3446	49	82	82-110	111-145	2-147
2 Andesite Dykes	0	—	—	—	—	—
3 Basalt	1561	54	72	73-84	85-99	100
4 Others	82	62	111	110-150	151-203	204

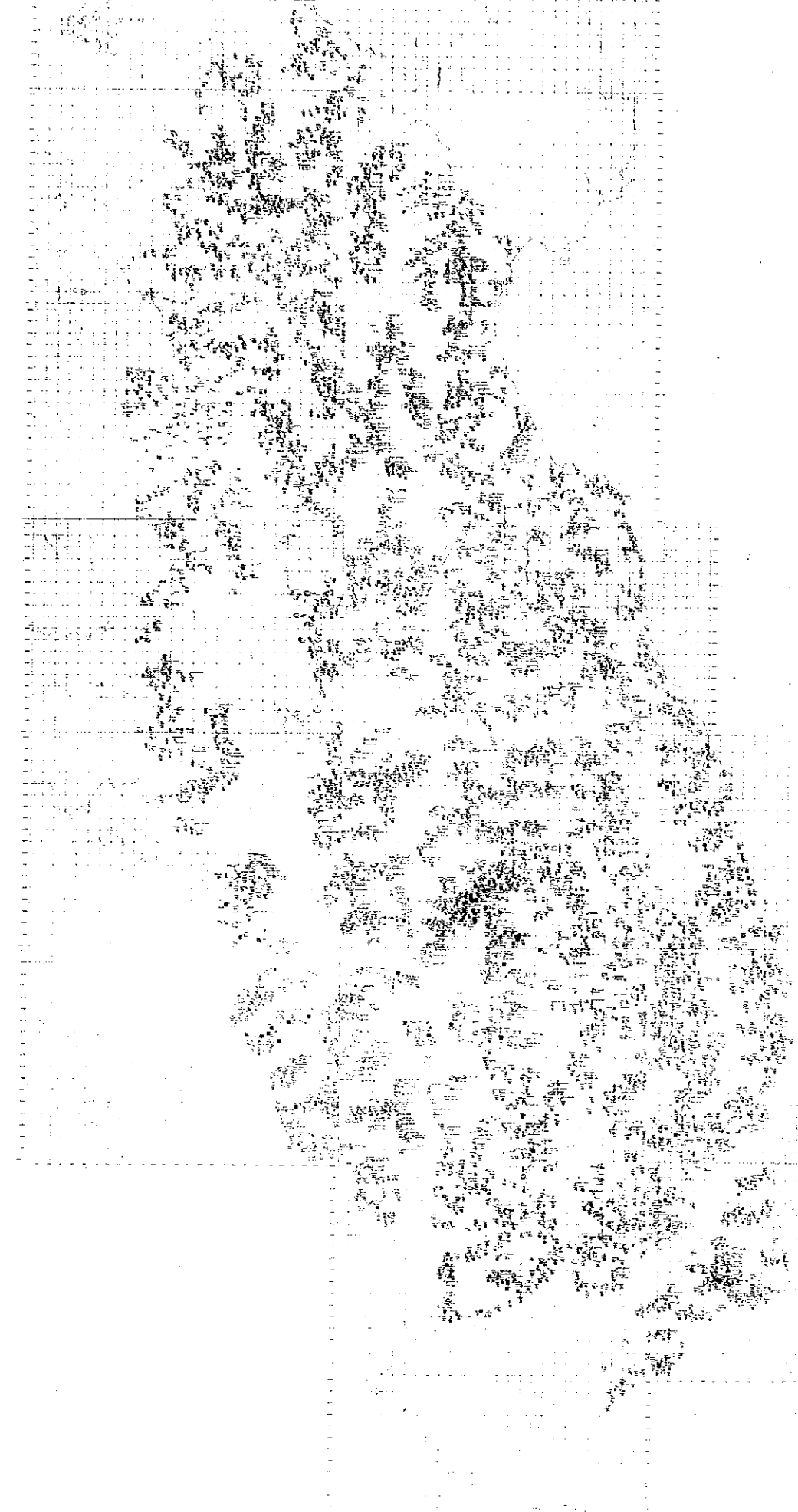
Cu



Pb ppm

Lithology	No. of Samples	Statistical Classification Table				
		Mean	Three Sds	Primary	Secondary	Highly
1 Sedimentary Rocks	2697	5	6	7	8	9
2 Andesite Dykes	2092	5	7	8	9-10	11
3 Basalt	0	—	—	—	—	—
4 Others	0	—	—	—	—	—

Pb



Pb ppm

Lithology	No. of Samples	Mesh	Statistical Classification Table			
			Upper 5%	Upper 10%	Upper 25%	Upper 50%
1 Sedimentary rock	2557	5	6	7	8	9
2 Andesite	858	5	7	8	9-10	11
3 Basalt	0	—	—	—	—	—
4 Others	0	—	—	—	—	—

Pb



Zn ppm

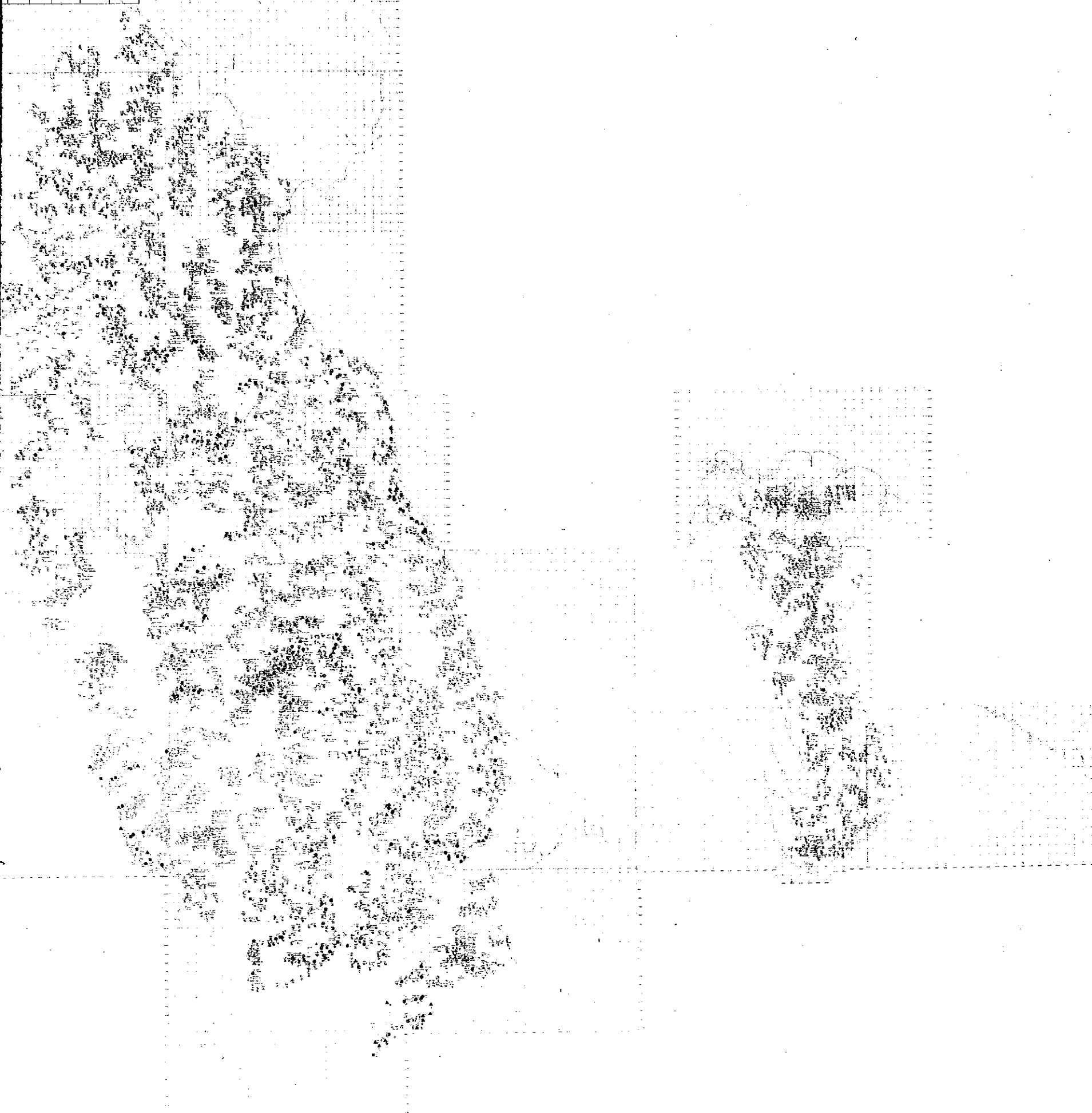
Lithology	No. of Samples	Mesh	Statistical Classification Table			
			Upper 5%	Upper 10%	Upper 25%	Upper 50%
1 Sedimentary rock	2637	5	10	11-12	13-14	15
2 Andesite	831	5	10	11-12	13-14	15
3 Basalt	1261	100	15	16-17	18-19	20
4 Others	0	—	—	—	—	—

Zn



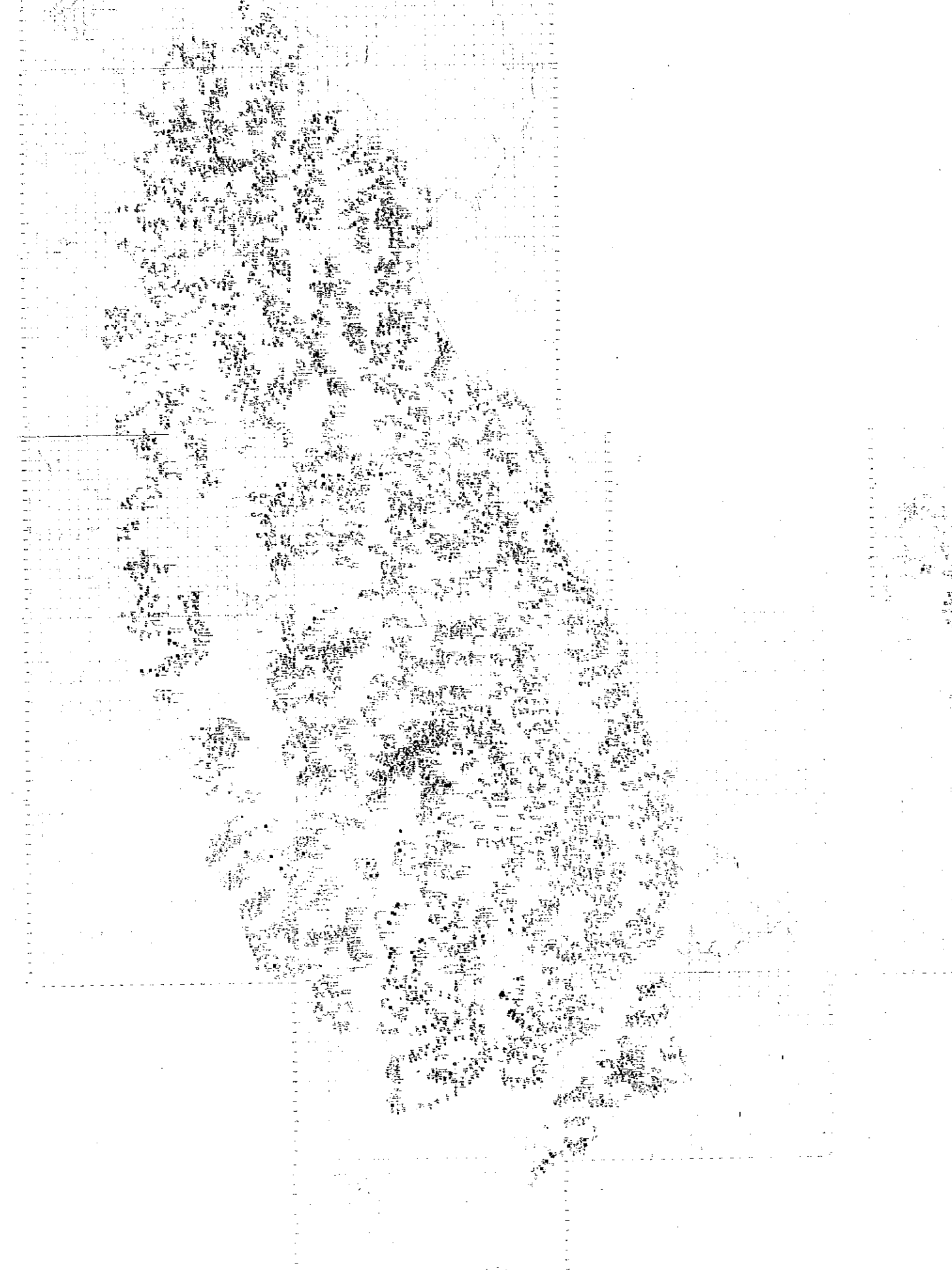
Statistical Classification Table				
Mass	Mass	Prob. A	Prob. B	Prob. C
51	100	101-110	111-120	121-130
52	140	141-150	151-160	161-170
53	180	181-190	191-200	201-210
54	220	221-230	231-240	241-250

Zn



Lithology	No. of Samples	Statistical Classification Table			
		Mass	Prob. A	Prob. B	Prob. C
1 Sandstone	200	1	1	1	1
2 Shale	200	1	1	1	1
3 Quartzite	10	1	1	1	1
4 Other	0	0	0	0	0

Mo



Lithology	No. of Samples	Statistical Classification Table				
		Mean	Standard Deviation	Skewness	Kurtosis	Probability
I Sedimentary rocks	2897	1	1	0	0	0.2
II Andesite Dike	2092	1	1	0	0	0.2
III Basalt	10	1	1	0	0	0.2
IV Others	0	1	1	0	0	0.2

Mo

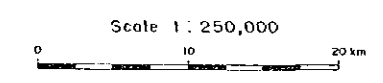


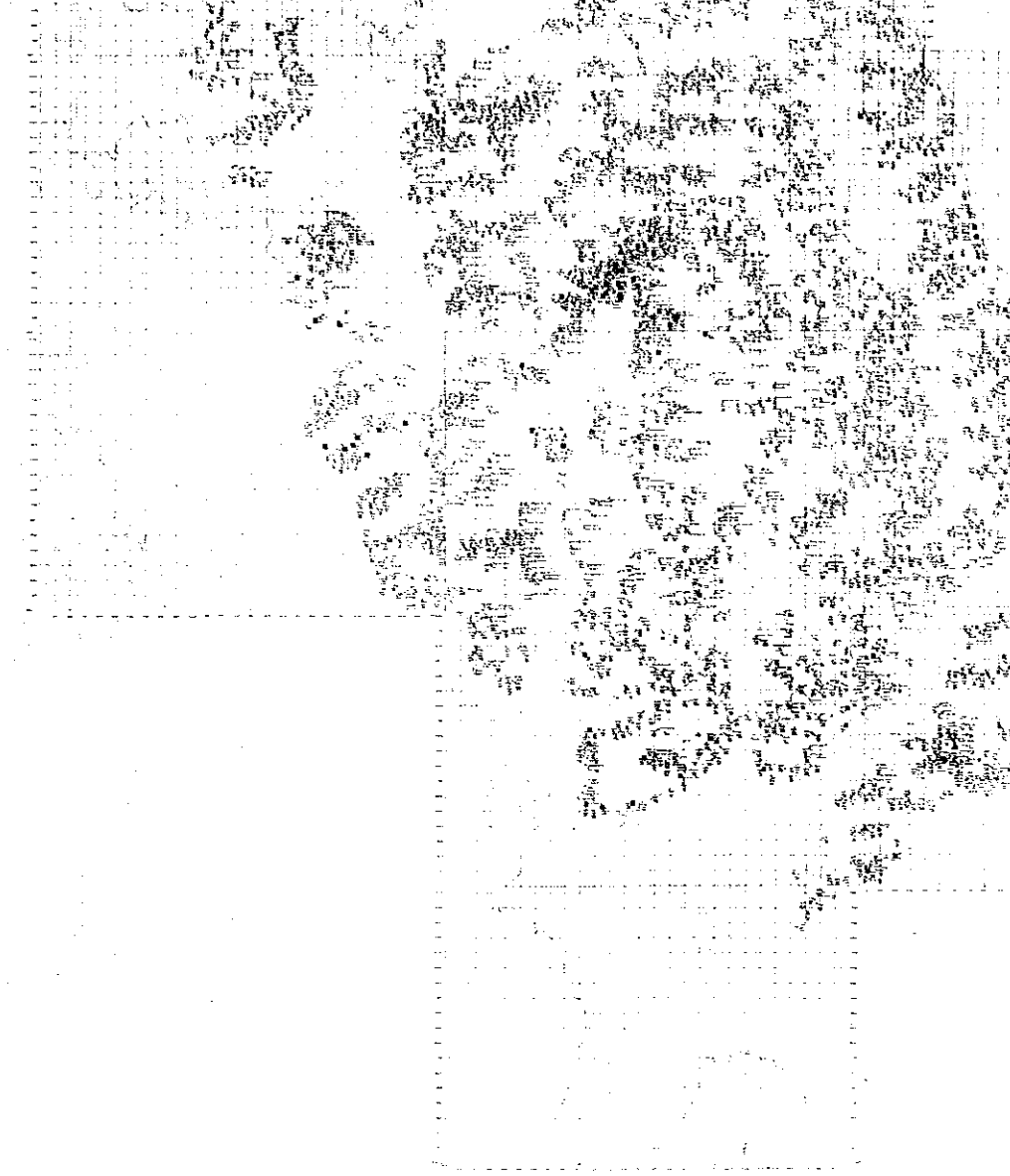
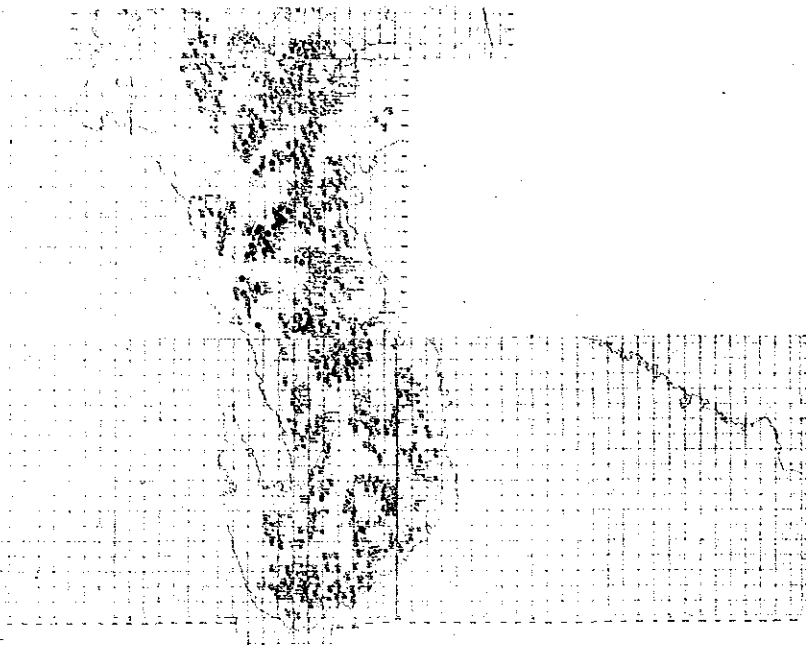
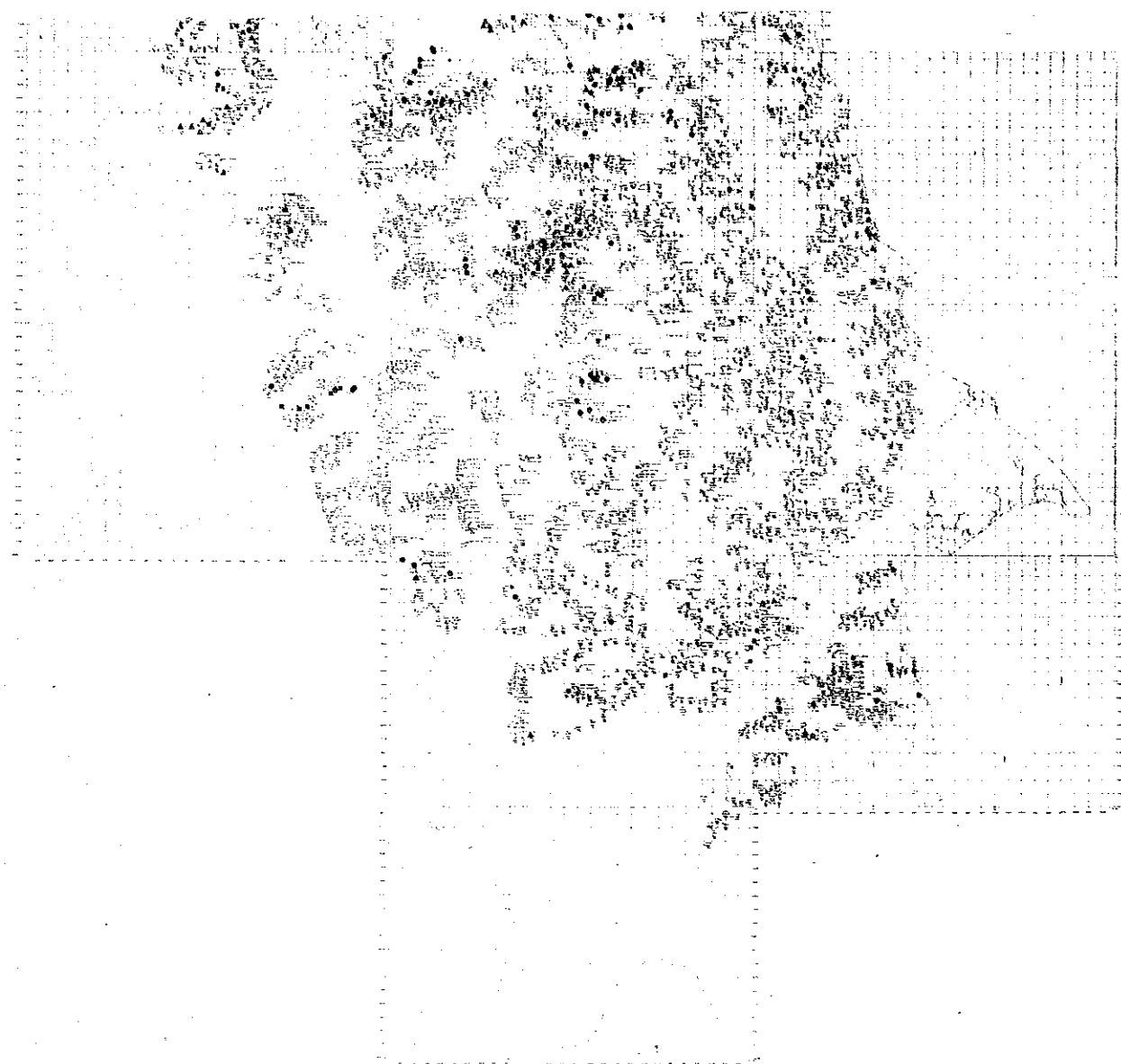
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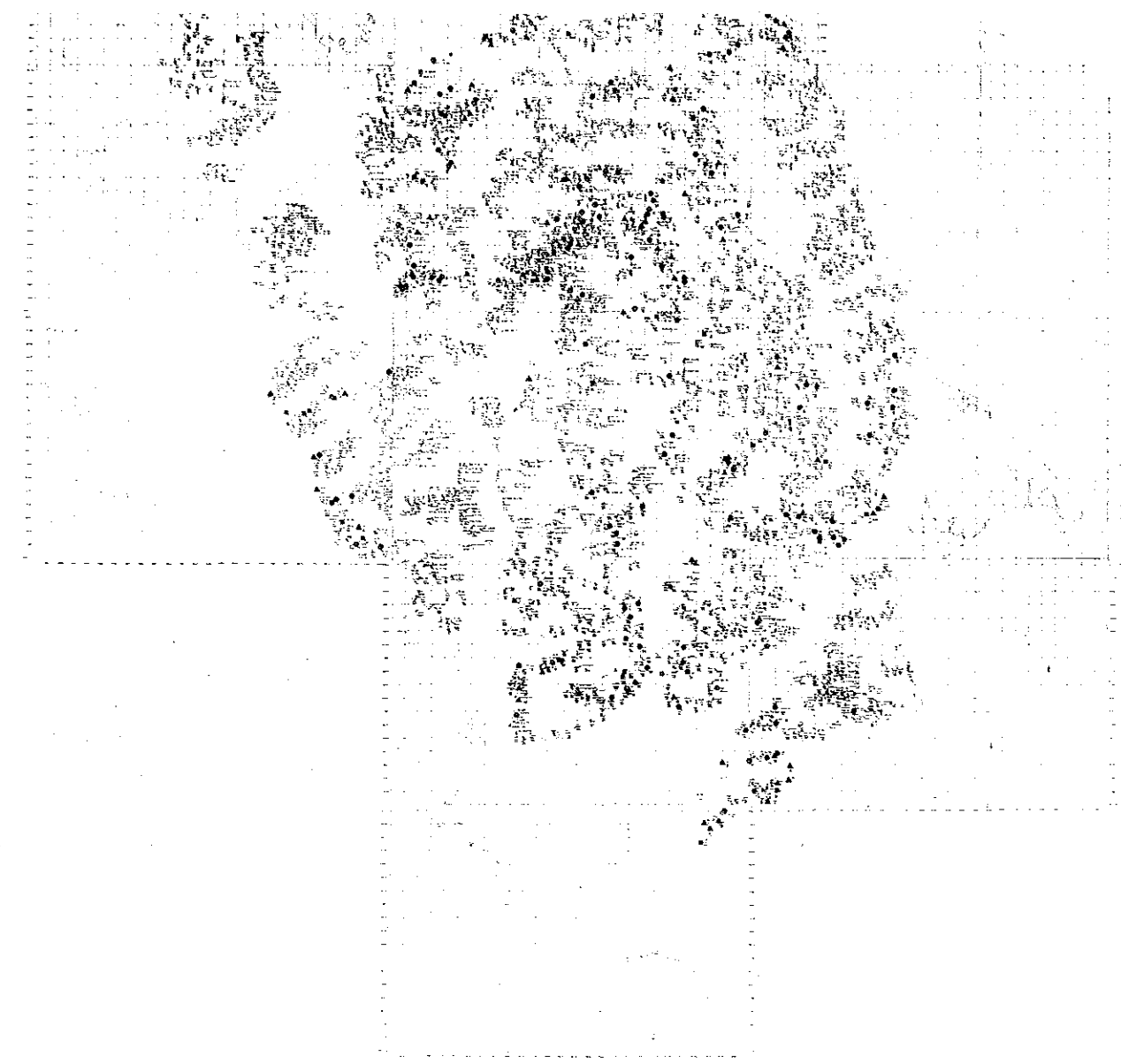
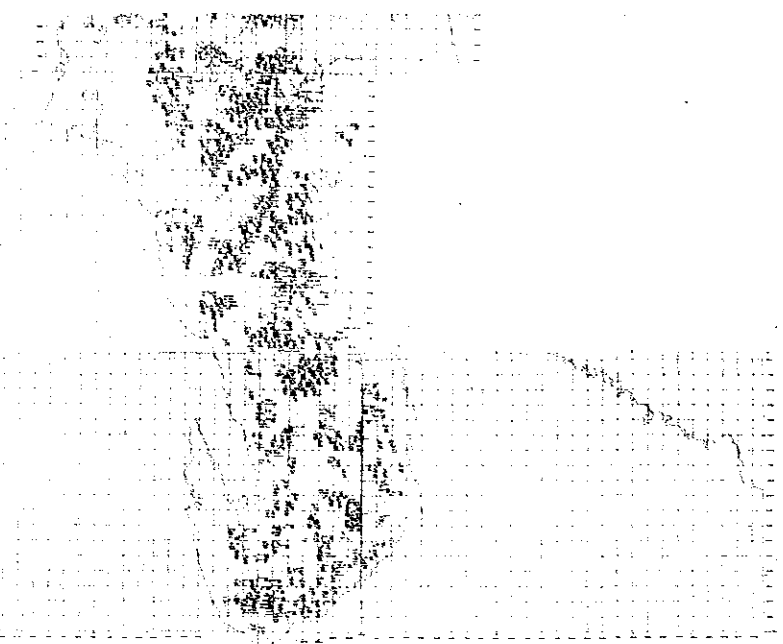
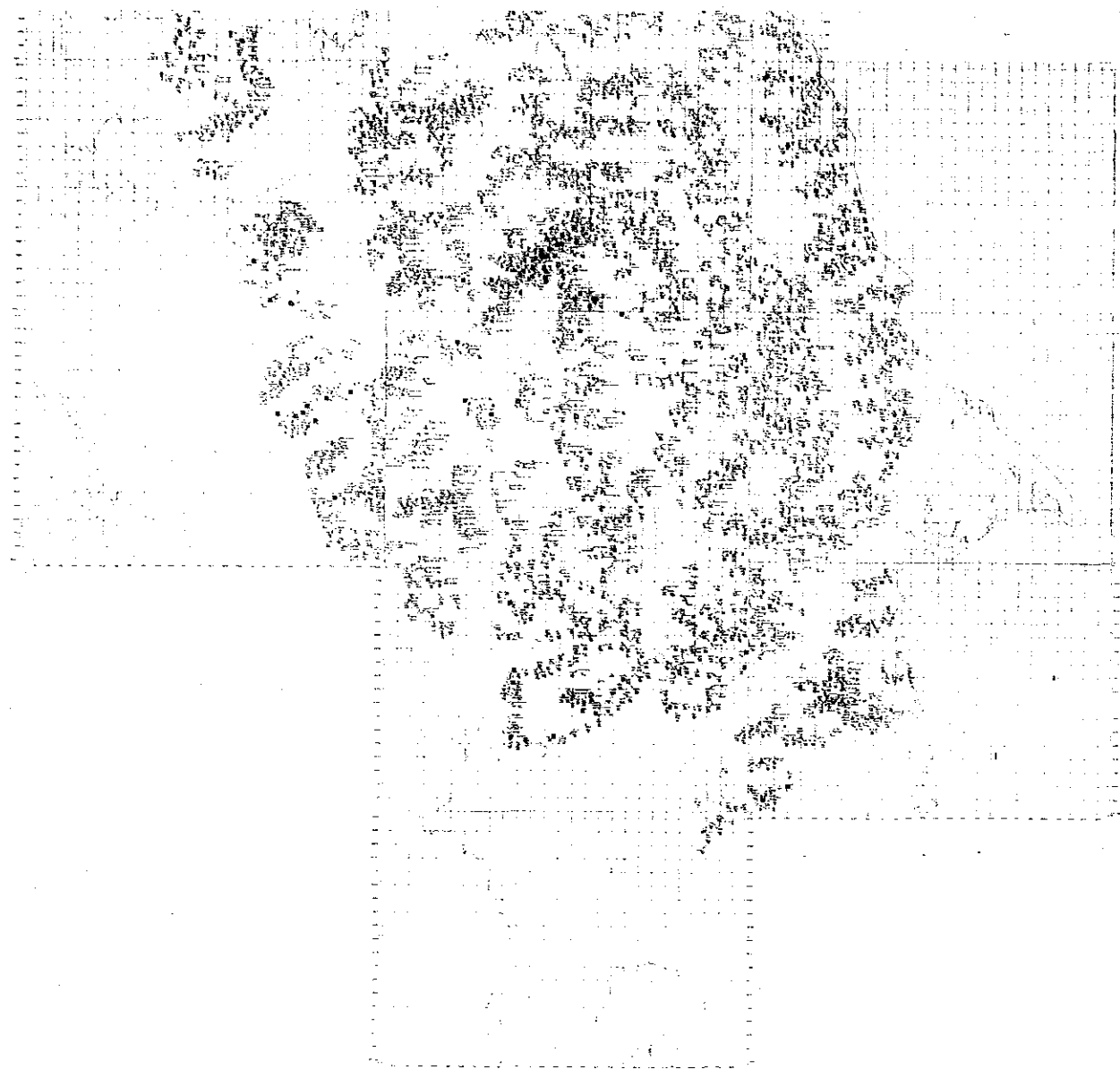
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- MINERAL DEPOSITS AND TECTONICS OF TWO
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THE REPUBLIC OF THE PHILIPPINES
PHASE I
**DISTRIBUTION GEOCHEMICAL ANOMALIES
OF STREAM SEDIMENT SAMPLES
SOUTHERN SIERRA MADRE-POLILLO AREA**

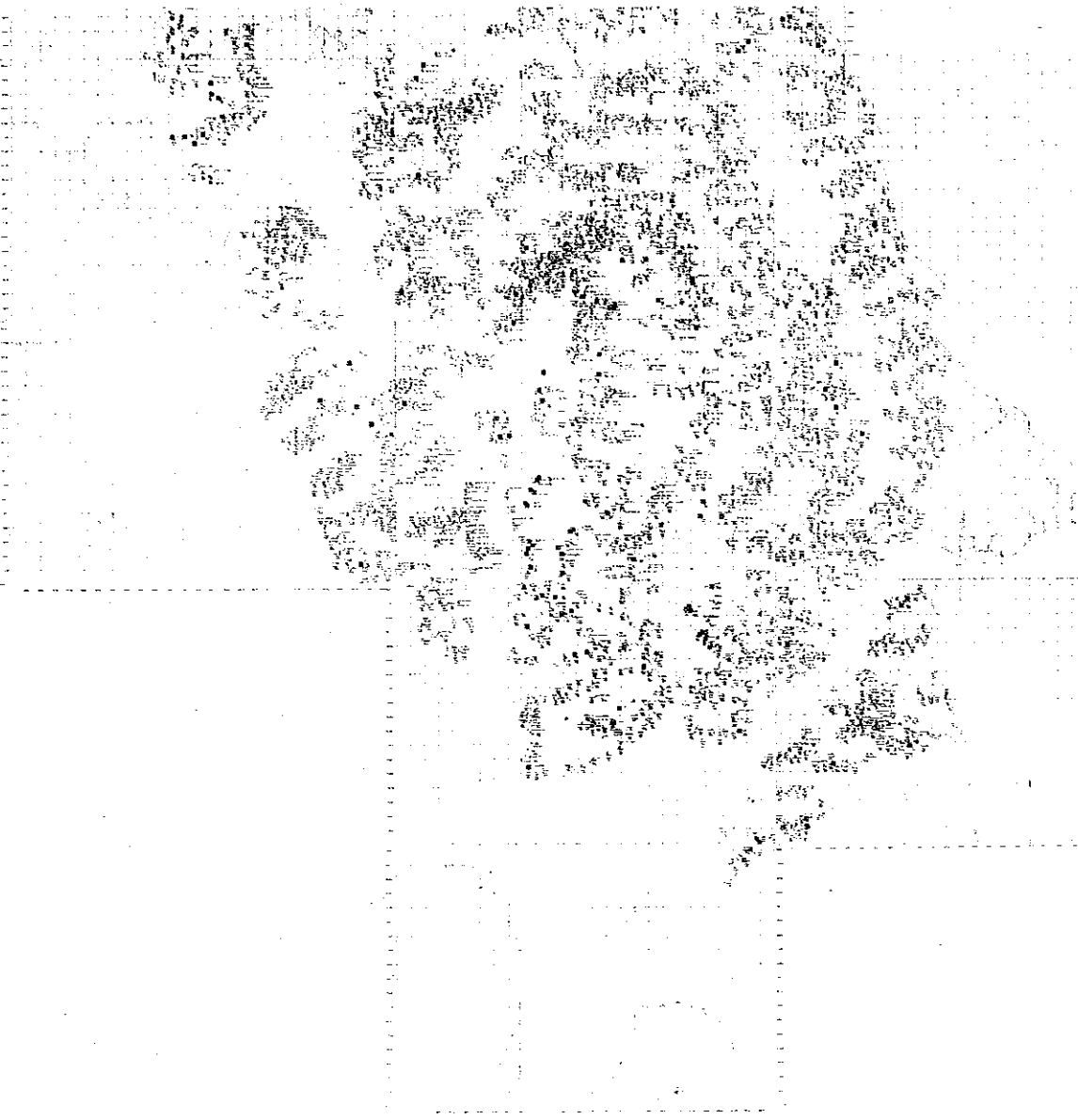
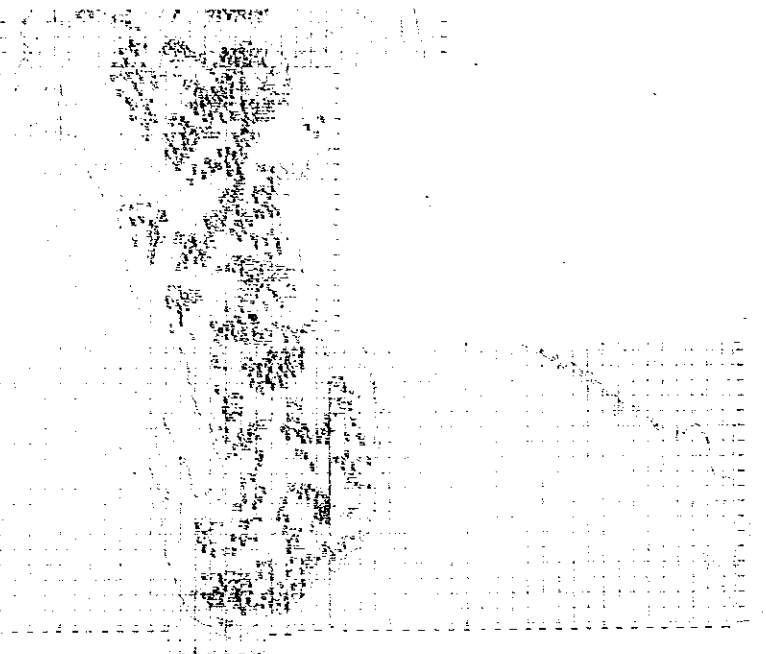
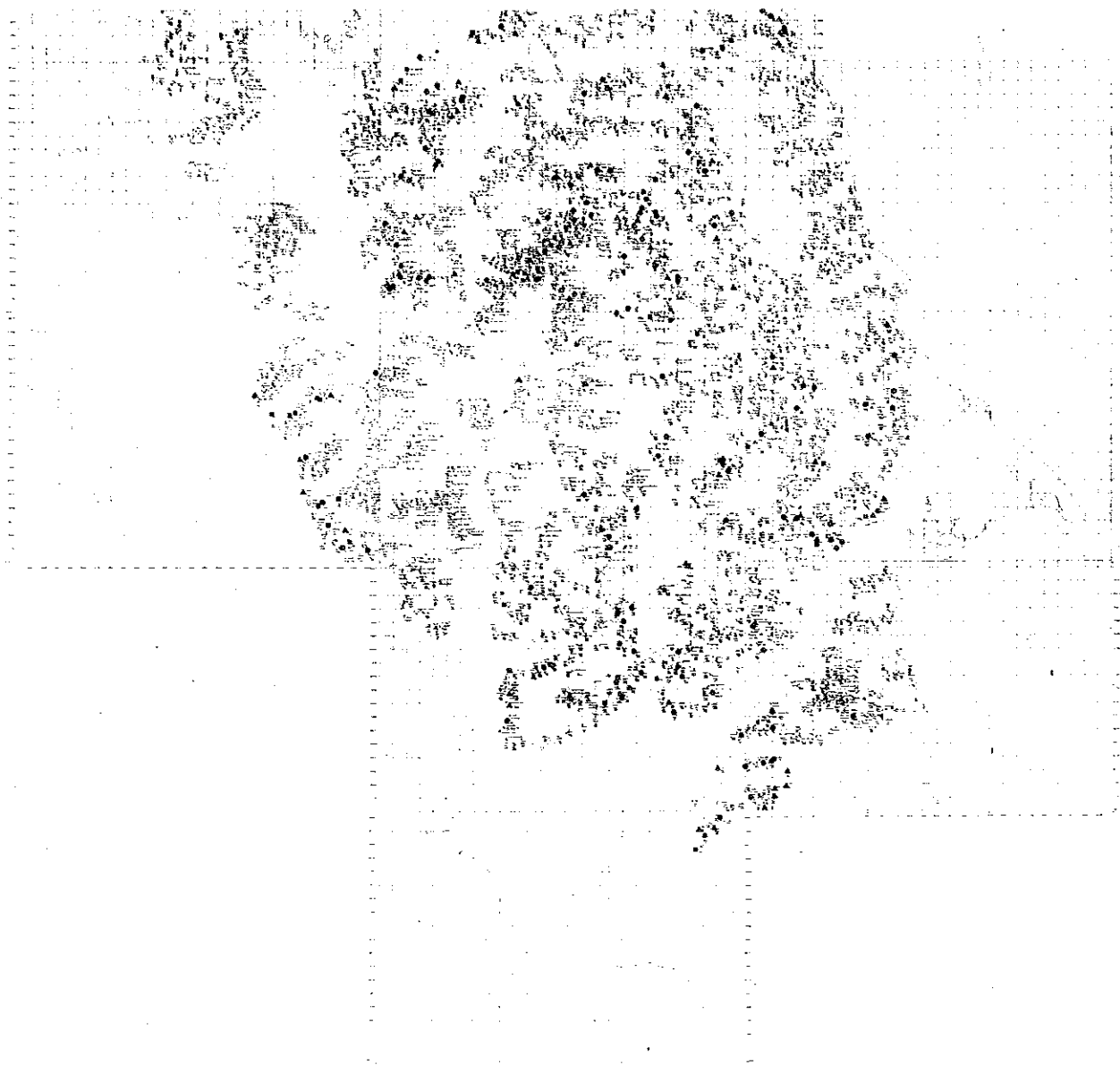
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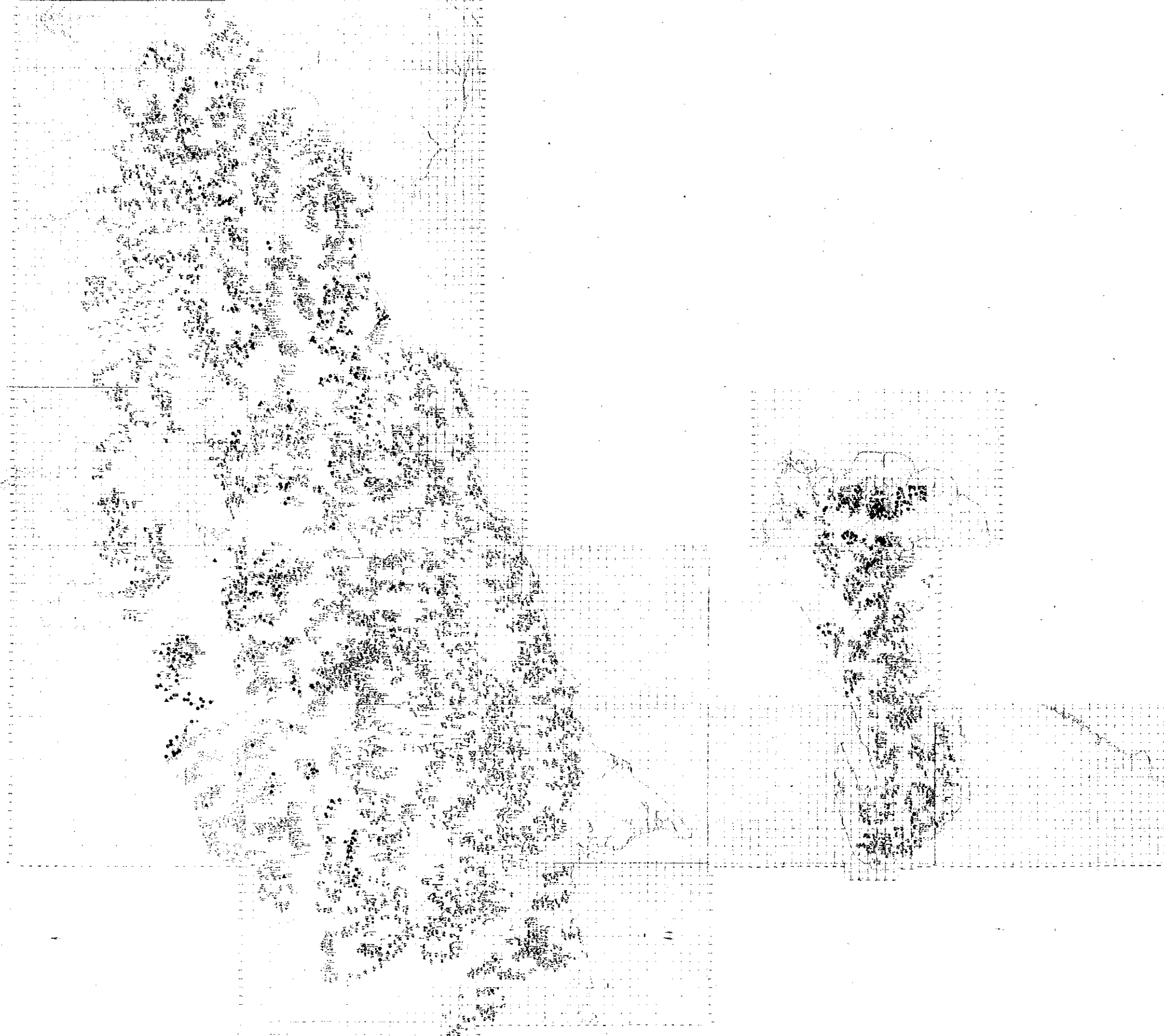






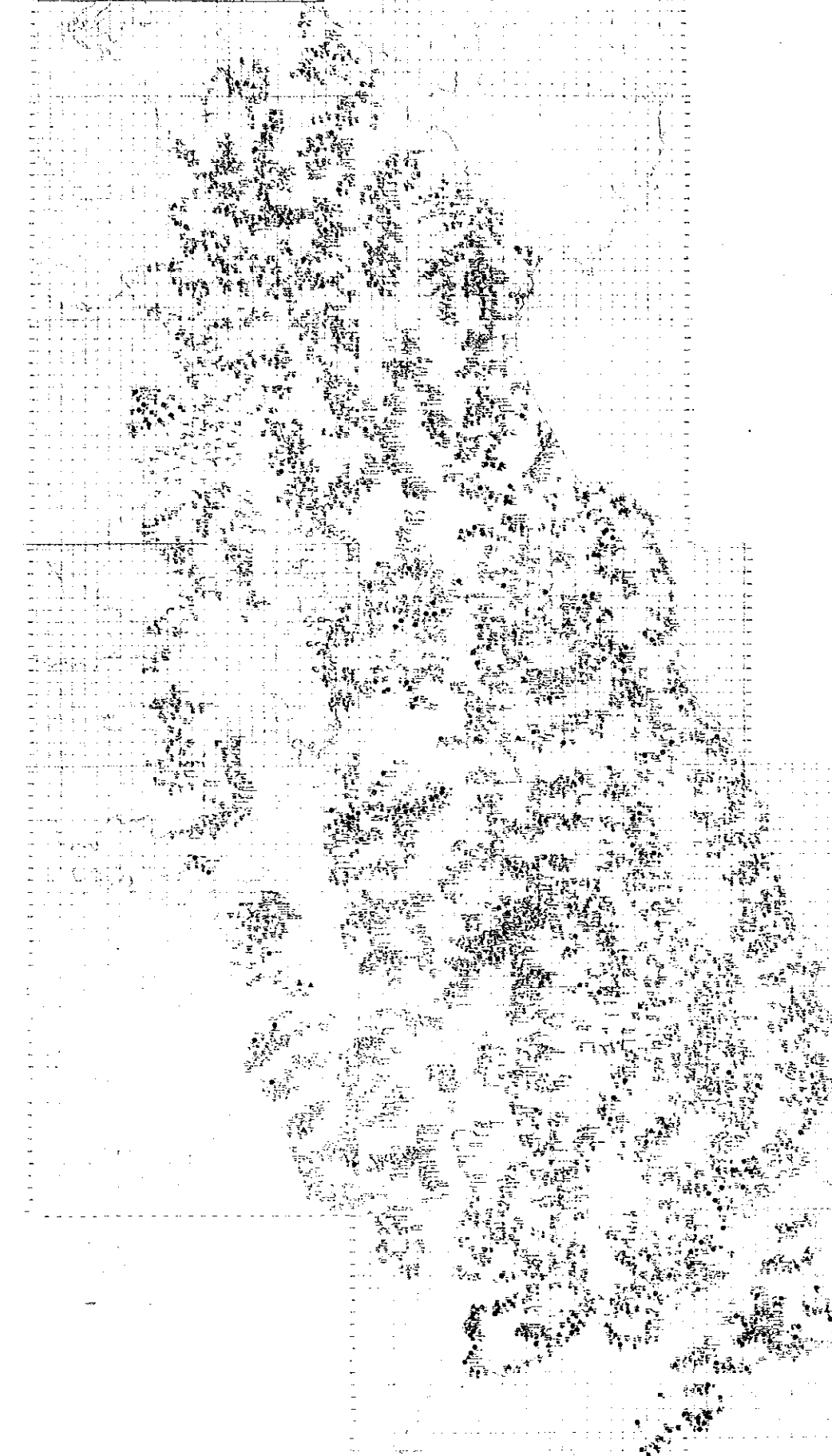
NI

Lithology	No. of Samples	Mean	Stdev	Asbestos		
				Positivity	Positivity	Weight
I Sedimentary rocks	2778	26	31	52-72	73-92	2.103
II Metamorphic rocks	749	18	41	42-67	65-93	2.94
III Basalt	1261	25	39	40-51	52-65	2.66
IV Others	0	-	-	-	-	-



Co

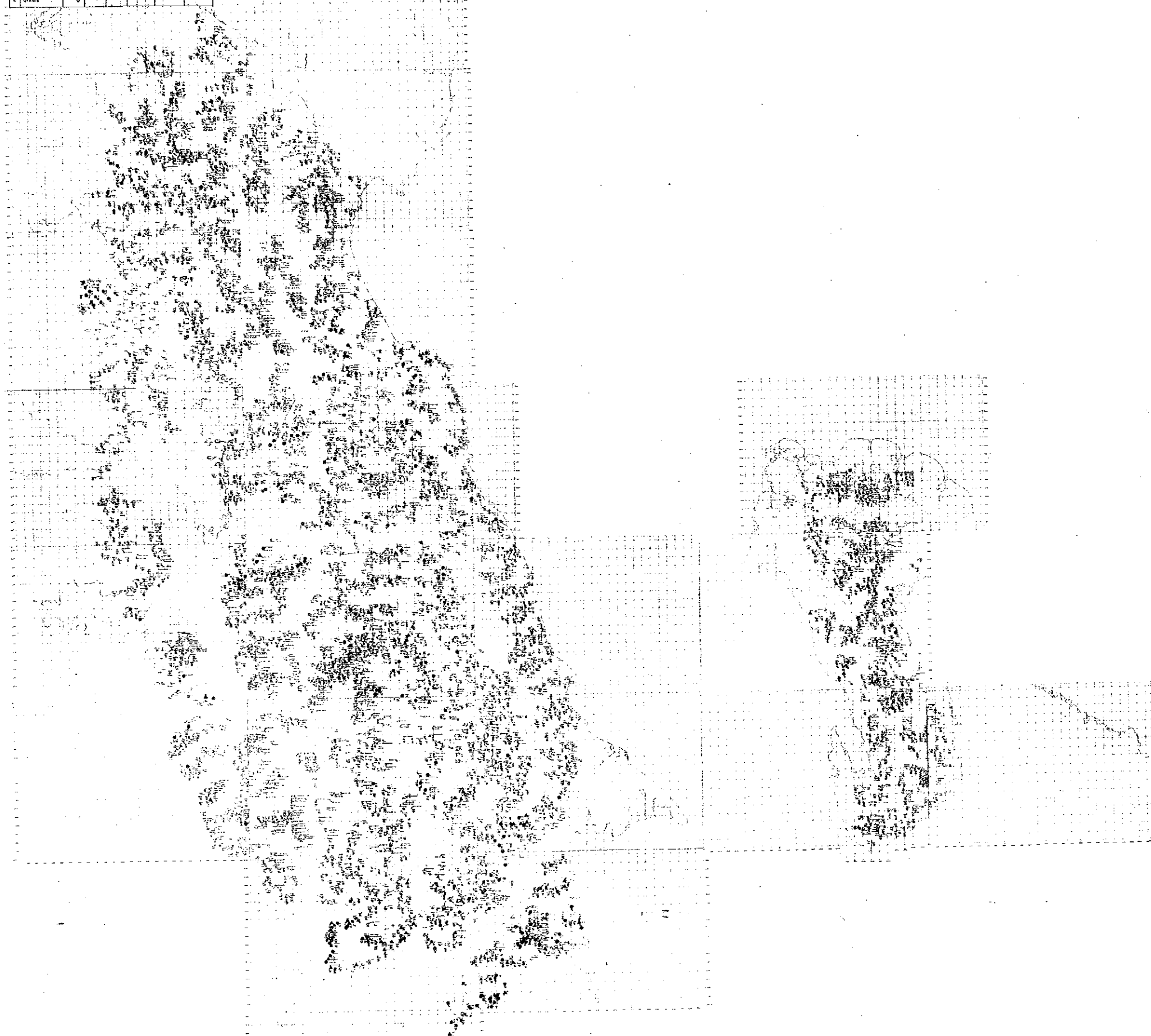
Lithology	No. of Samples	Mean	Stdev	Asbestos		
				Positivity	Positivity	Weight
I Sedimentary rocks	2778	22	32	33-40	41-50	2.01
II Metamorphic rocks	749	19	32	33-42	43-50	2.57
III Basalt	1261	26	37	34-39	40-45	2.46
IV Others	0	-	-	-	-	-



Co

Lithology	No of Samples	Mass	EMSA	Average		
				Passby	Proboby	Highly
1 Sedimentary Rock	2779	22	32	33-40	41-50	2.51
2 Andesite Dykes	249	19	32	27-32	43-58	2.57
3 Basalt	1261	20	32	34-35	40-45	2.40
4 Others	0					

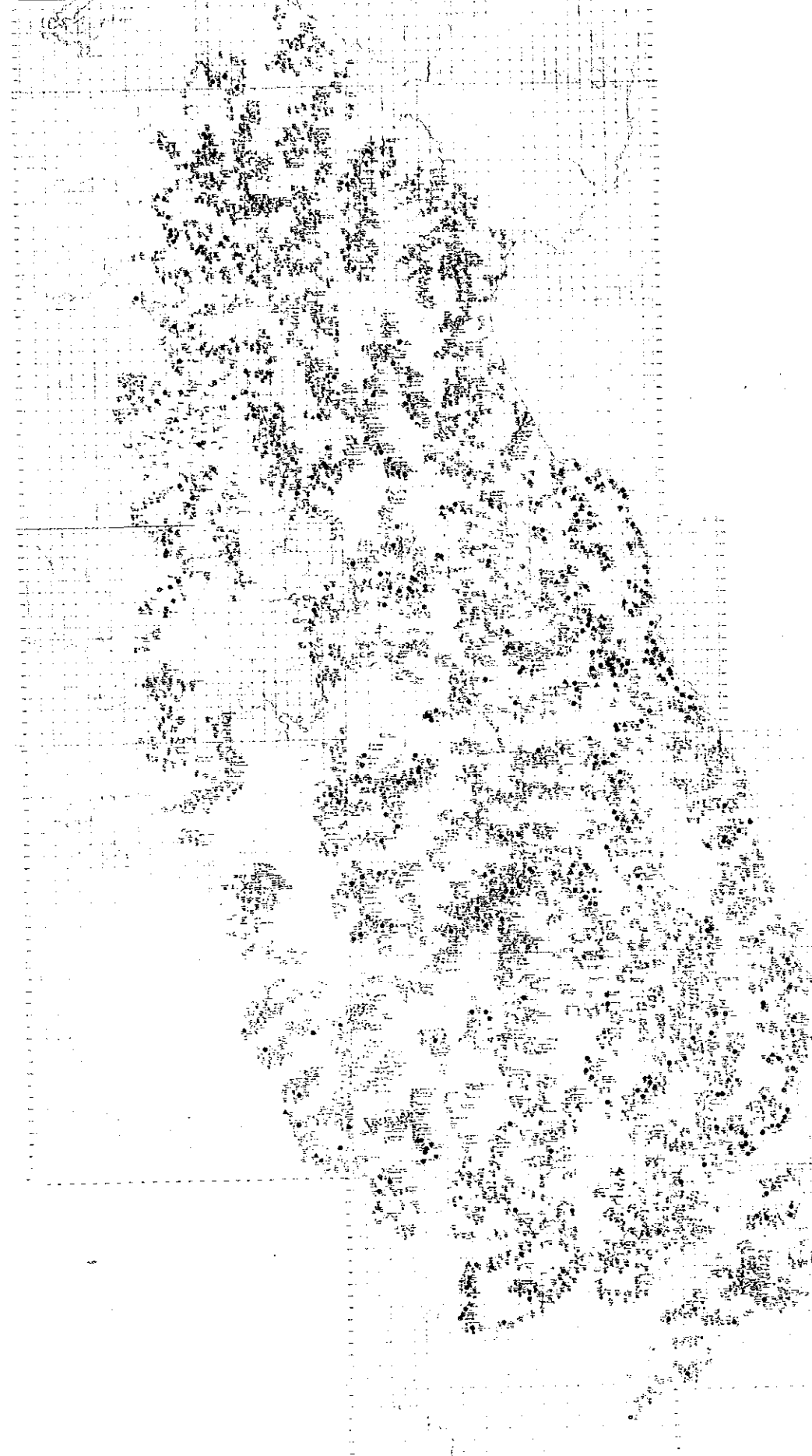
Co



Mn

Lithology	No of Samples	Mass	EMSA	Average		
				Passby	Proboby	Highly
1 Sedimentary Rock	2779	22	32	33-40	41-50	2.51
2 Andesite Dykes	249	19	32	27-32	43-58	2.57
3 Basalt	1261	20	32	34-35	40-45	2.40
4 Others	0					

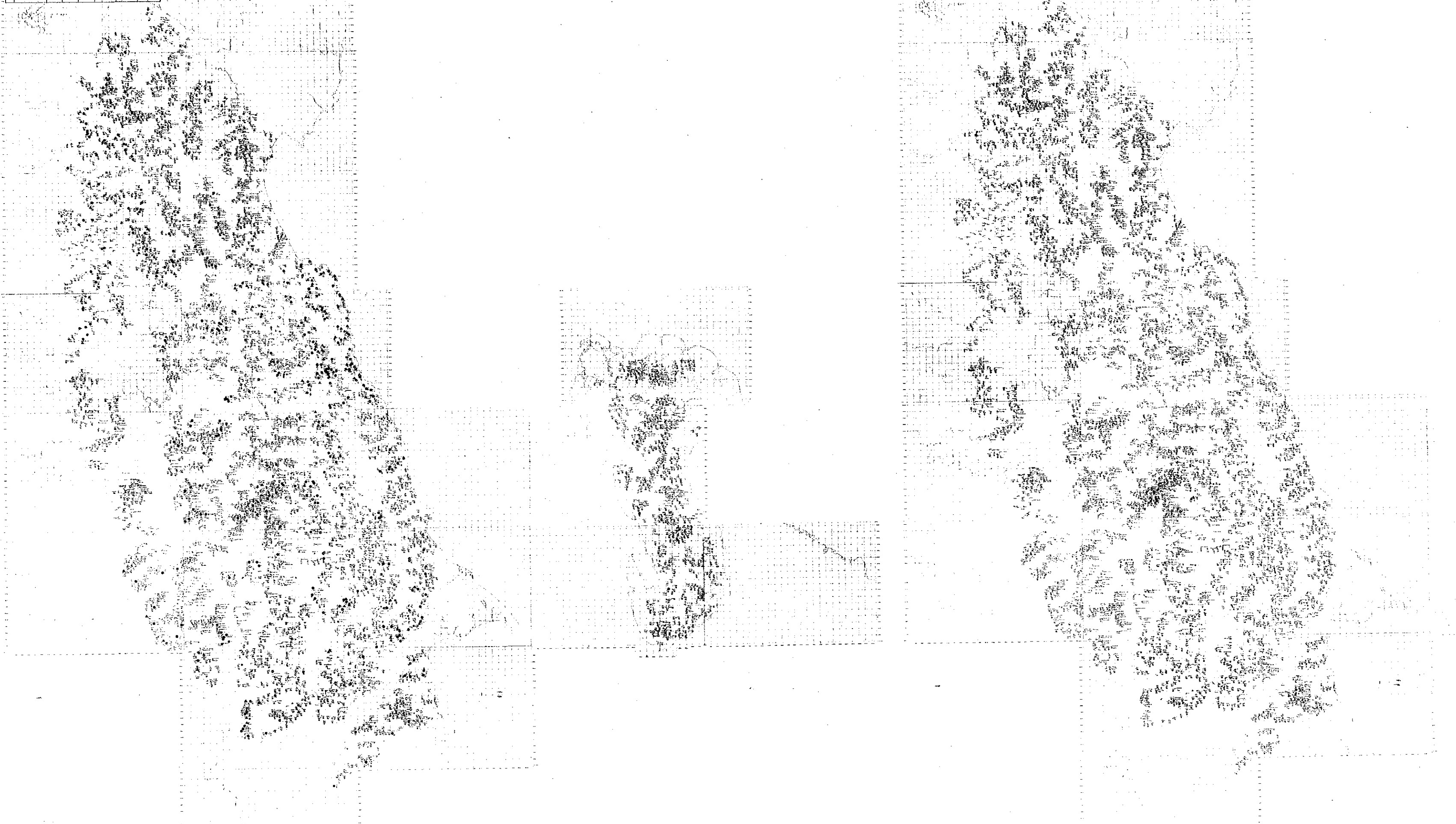
Mn



Mn (ppm) Statistical Classification Table

Lithology	No. of Samples	Mean	Stdev.	Statistical		High
				Percentile	Percentile	
1. Sedimentary rocks	2378	825	1525	1450-1600	1922-2417	2240
2. Andesite	748	870	1413	1414-1600	1922-2417	2228
3. Basalt	1281	1165	1641	1642-1800	1922-2417	2214
4. Other	0	—	—	—	—	—

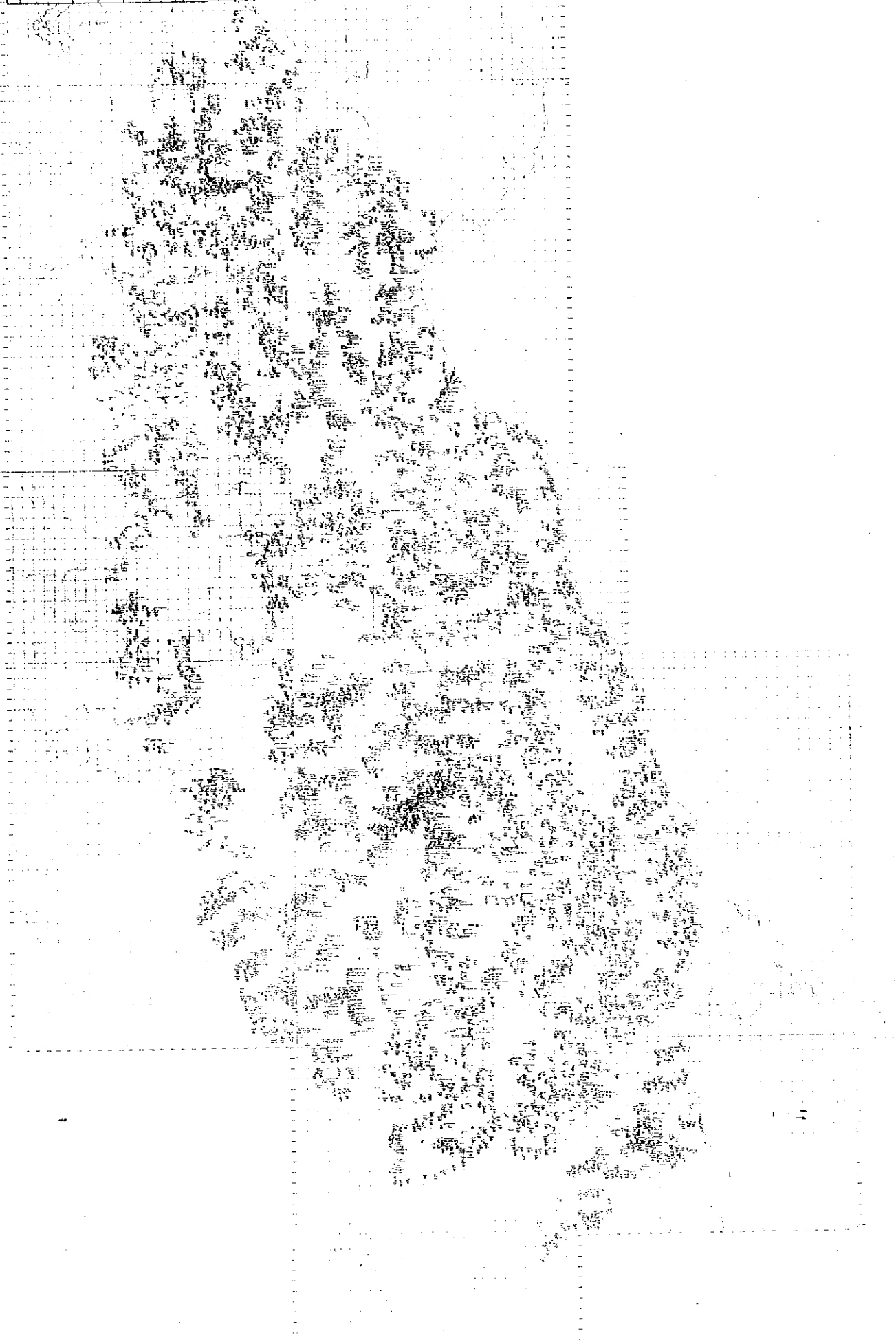
Mn



Ag (ppm) Statistical Classification Table

Lithology	No. of Samples	Mean	Stdev.	Statistical		High
				Percentile	Percentile	
1. Sedimentary rocks	4790	0.1	0.1	—	—	0.2
2. Andesite	0	—	—	—	—	—
3. Basalt	0	—	—	—	—	—
4. Other	0	—	—	—	—	—

Ag



Ag (ppm)

Lithology	No. of Samples	Statistical Classification Table			
		Mean	Standard Deviation	Maximum	Minimum
I Metamorphic rocks	4798	0.1	0.1	—	20.7
II Acidic igneous rocks	0	—	—	—	—
III Quartz	0	—	—	—	—
IV Basalt	0	—	—	—	—

Ag

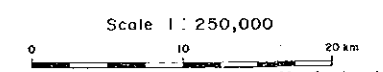


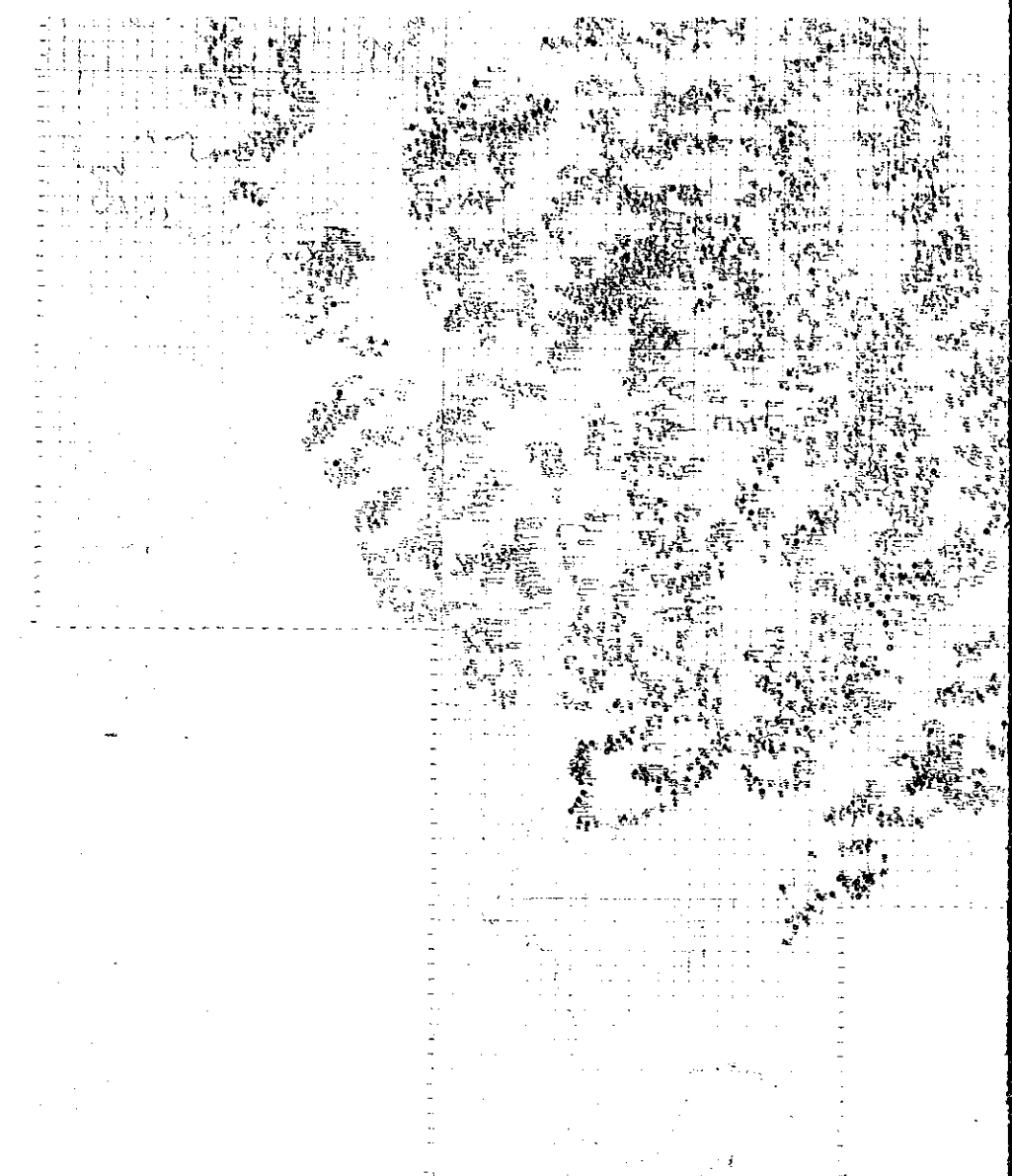
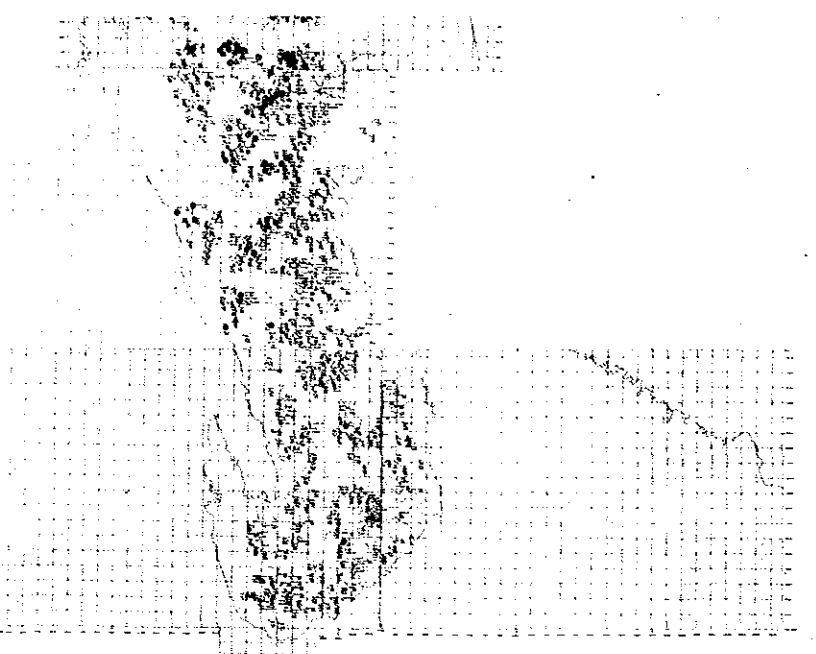
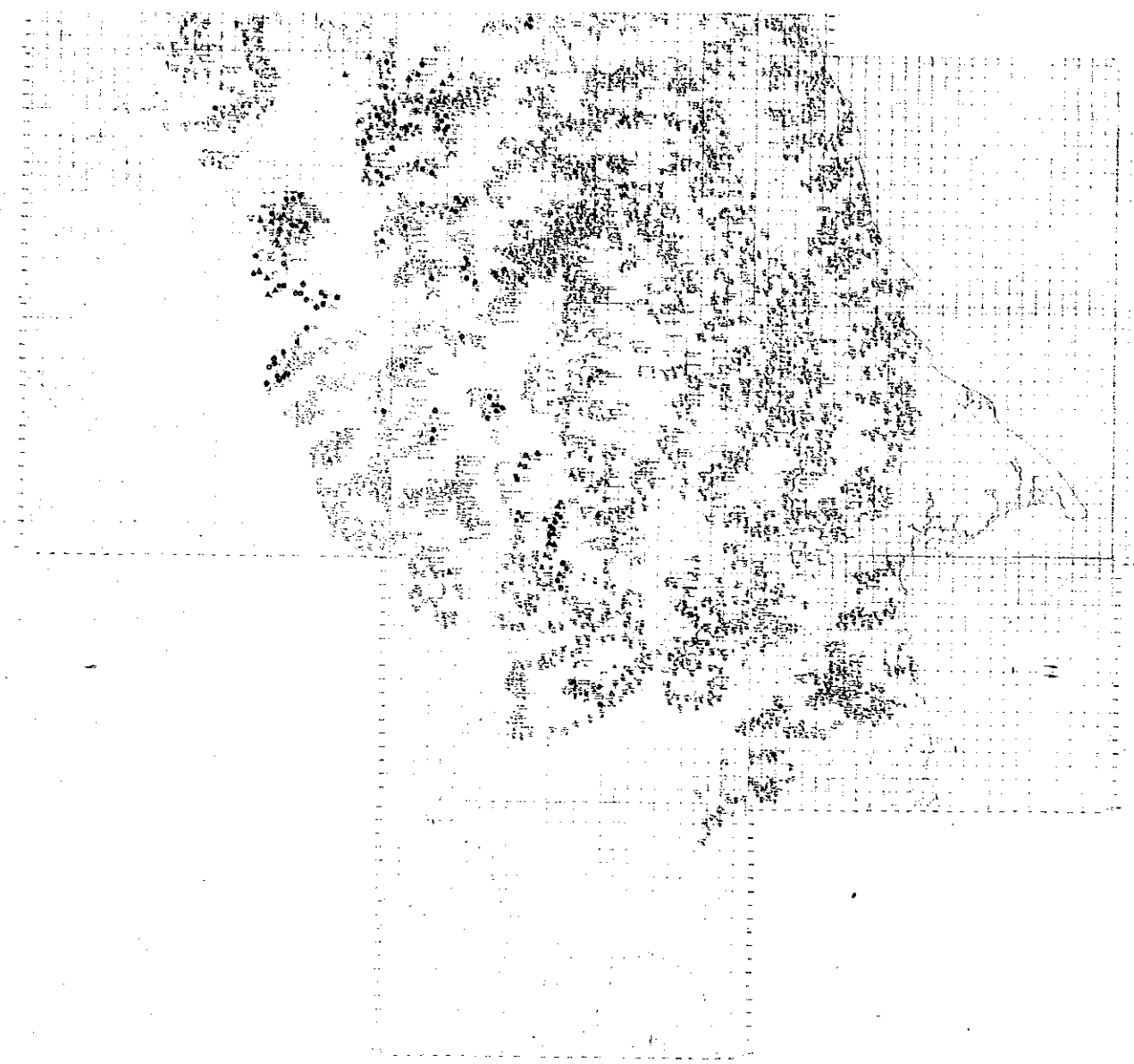
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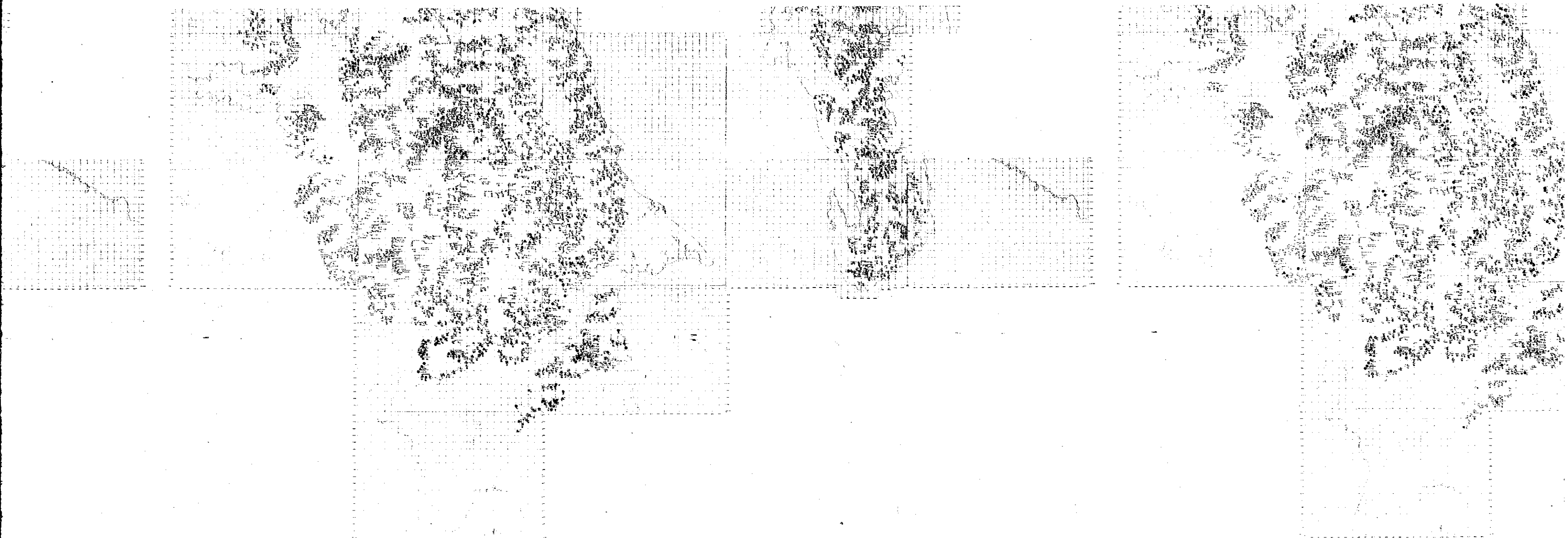
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OF STREAM SEDIMENT SAMPLES
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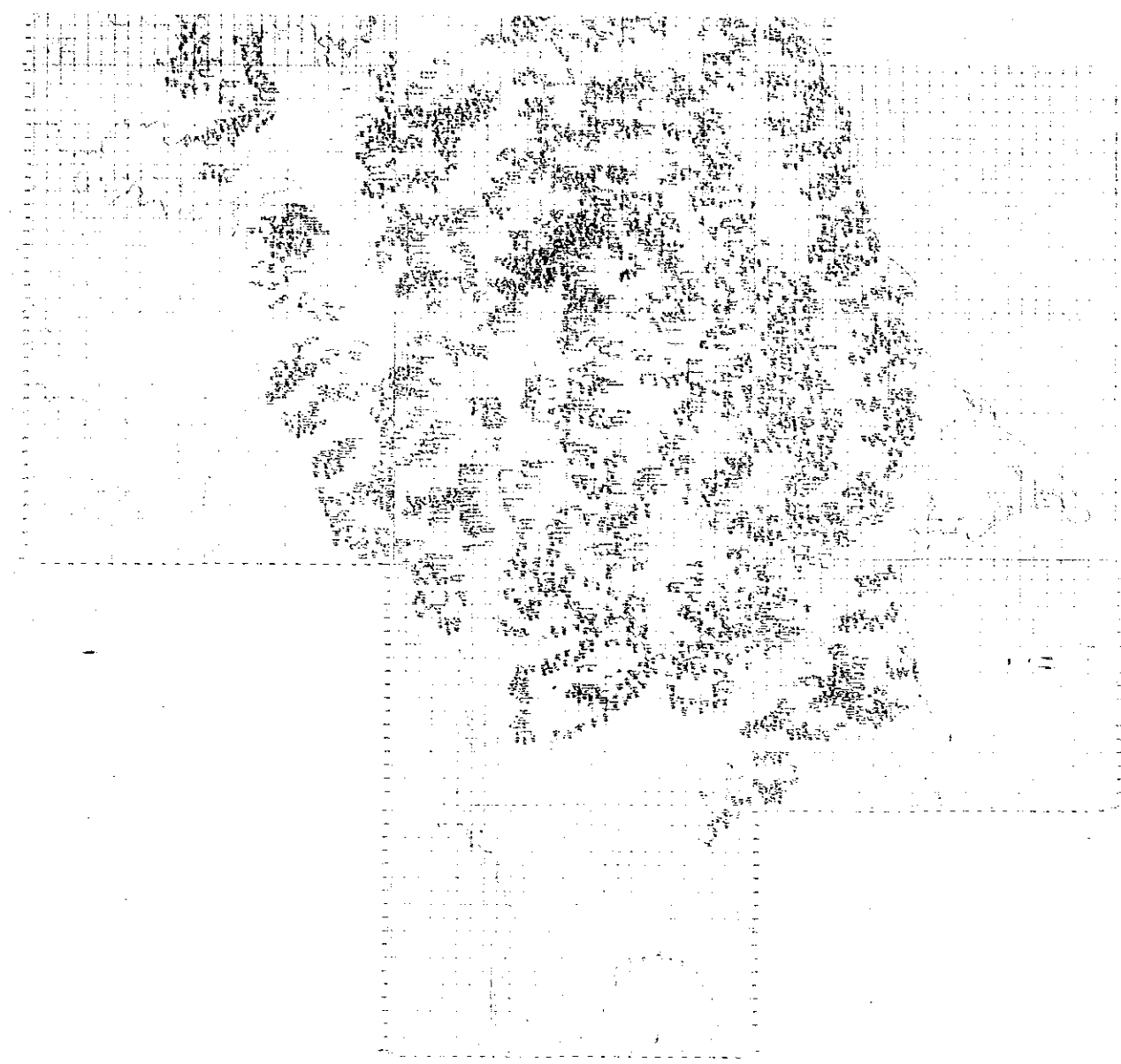
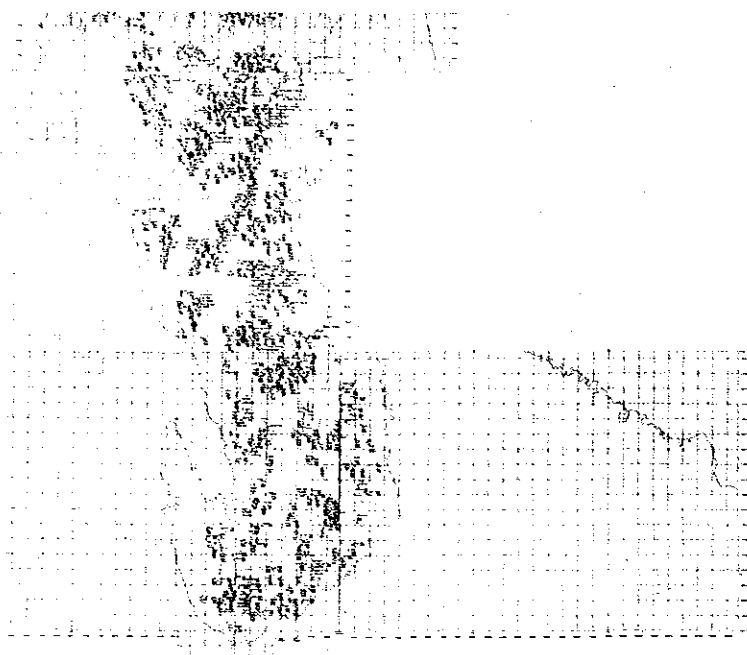
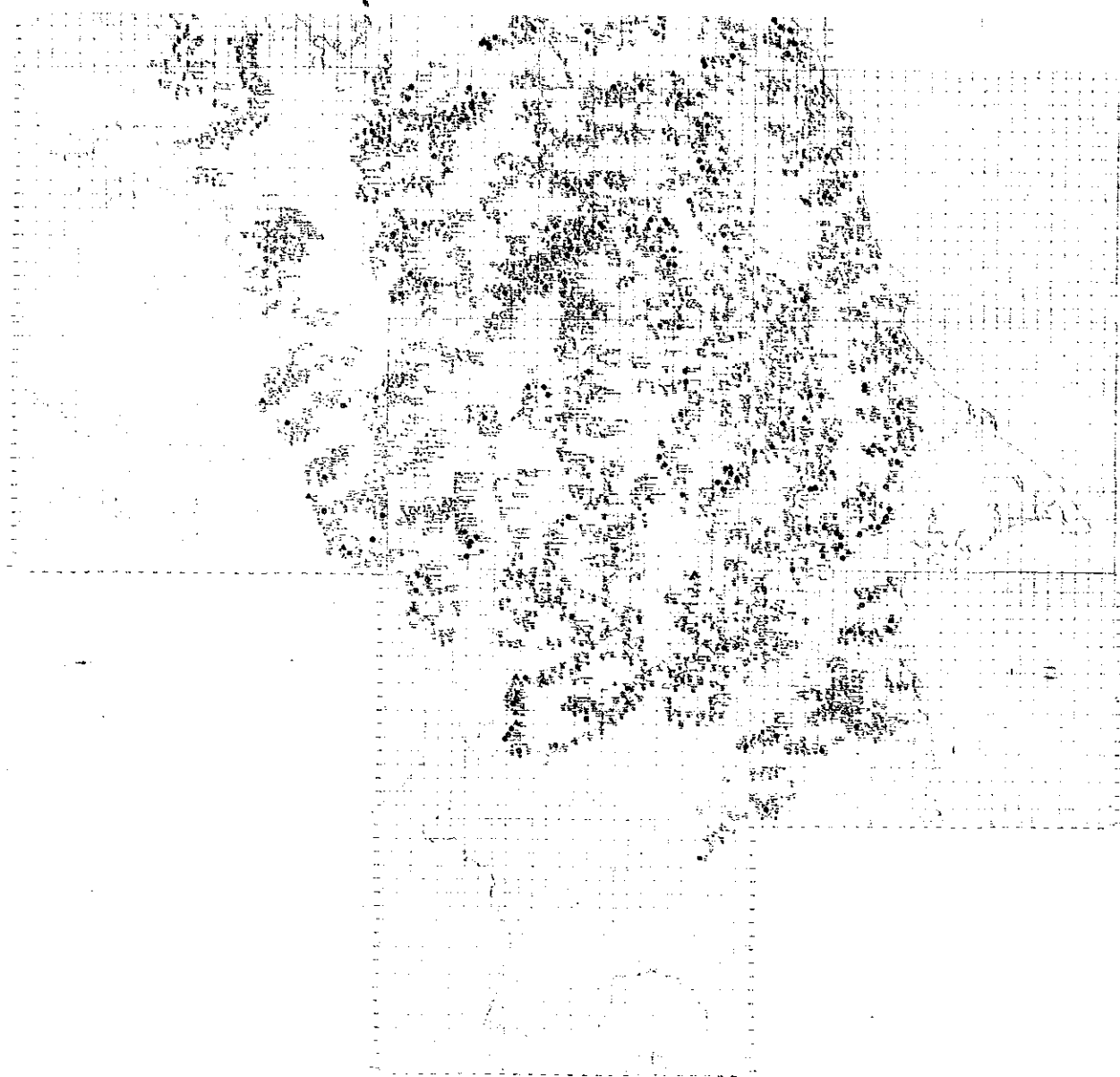
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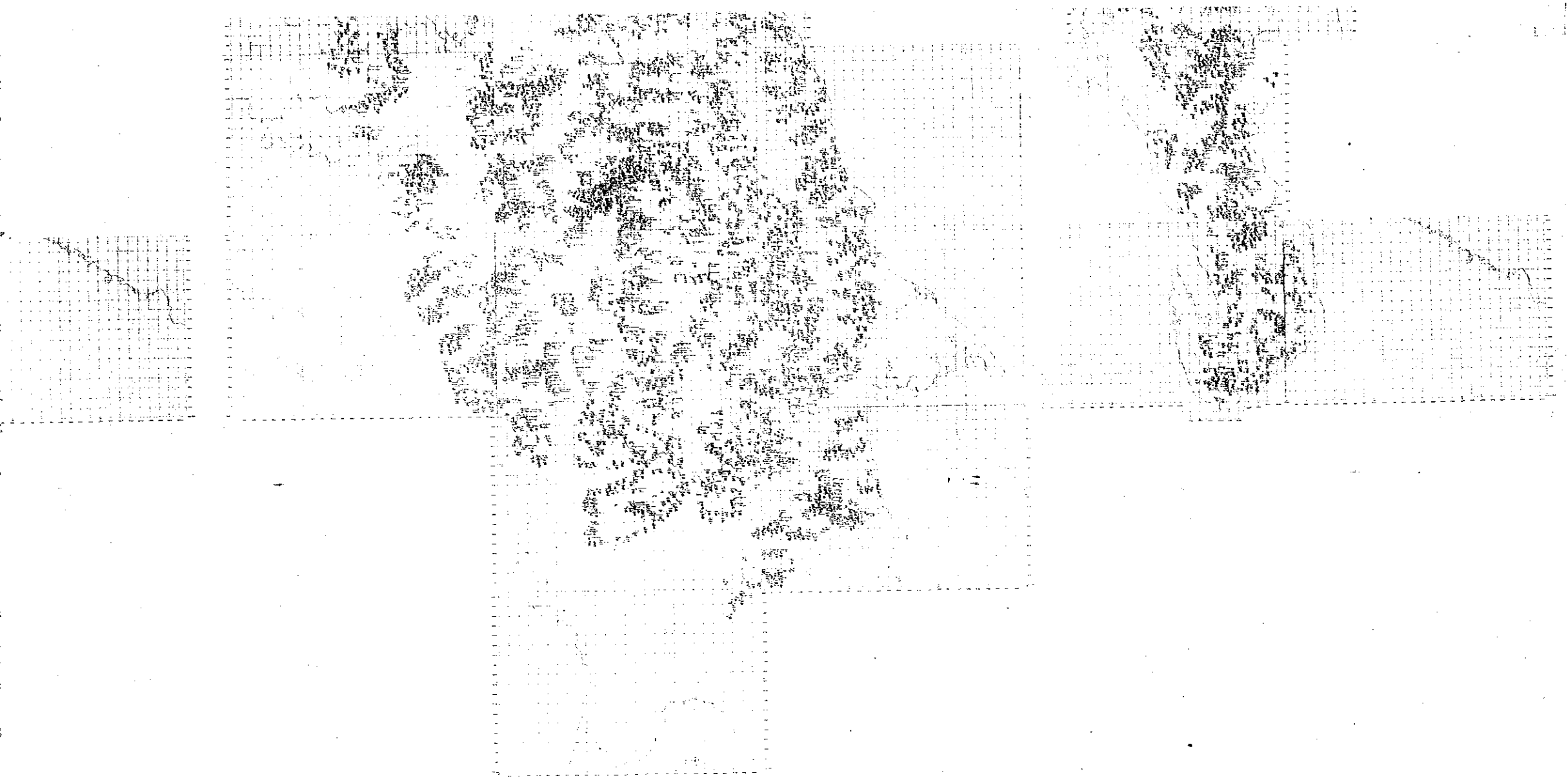
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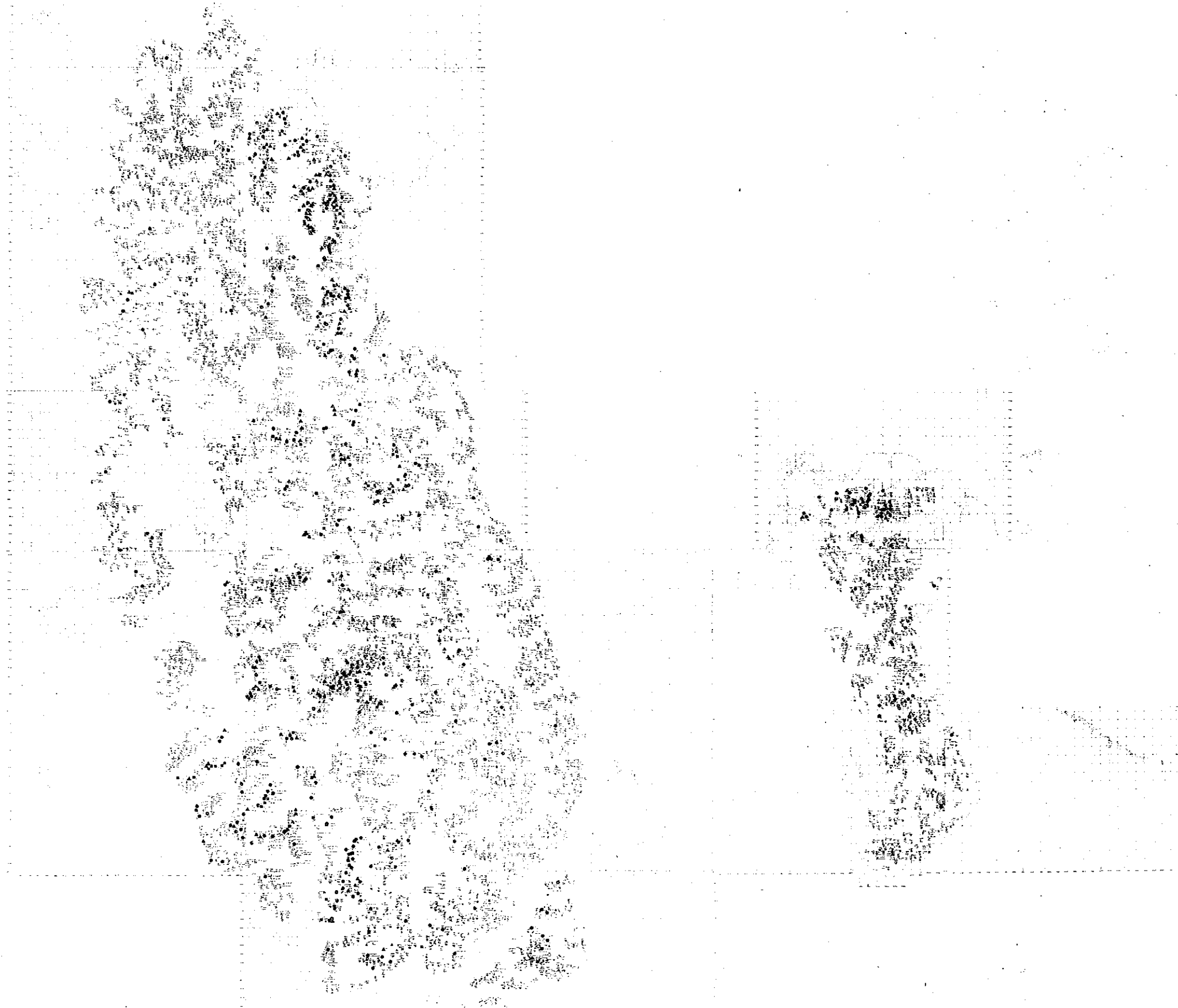




As (ppm)

Lithology	No. of Samples	Mean	Standard Dev.	Approximate Probability		
				A	B	C
1 Sedimentary rocks	2657	2	4	5-6	7-10	11
2 Ashflow Dikes	749	1	3	4-5	6-9	10
3 Basalt	1249	1	2	3	4	5
4 Other	0	—	—	—	—	—

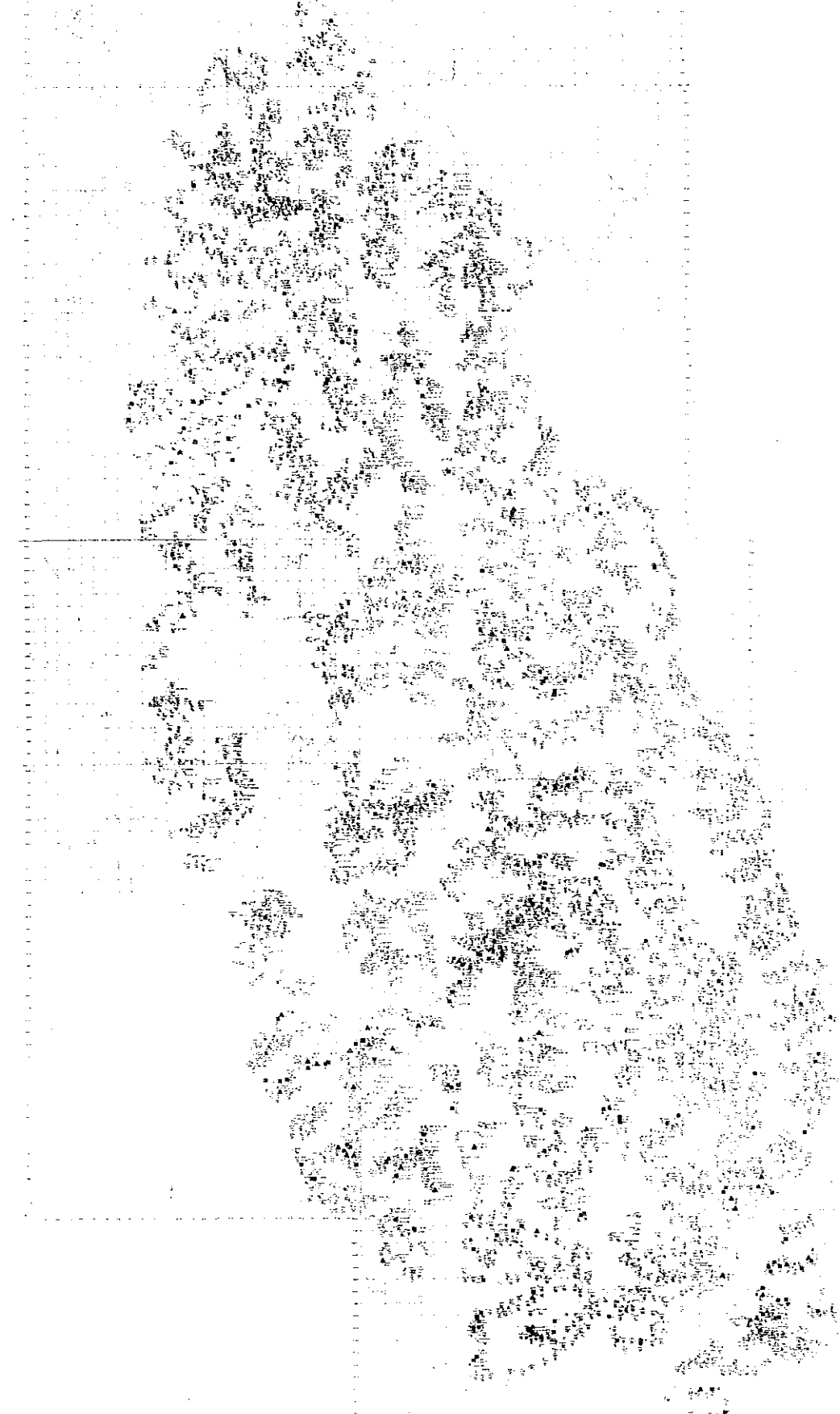
As



Hg (ppm)

Lithology	No. of Samples	Mean	Standard Dev.	Approximate Probability		
				A	B	C
1 Sedimentary rocks	2348	15	25	24-32	35-44	45
2 Ashflow Dikes	1725	12	21	22-29	30-40	41
3 Basalt	0	—	—	—	—	—
4 Other	0	—	—	—	—	—

Hg



Statistical Classification Table						
Popul.	No. of Samples	Mean	Std. Dev.	Class	Probability	Weight
1	2548	15	23	14-32	33-44	2.45
2	1723	12	21	22-28	50-60	2.41
3	0	0	0	0	0	0
4	0	0	0	0	0	0

Hg

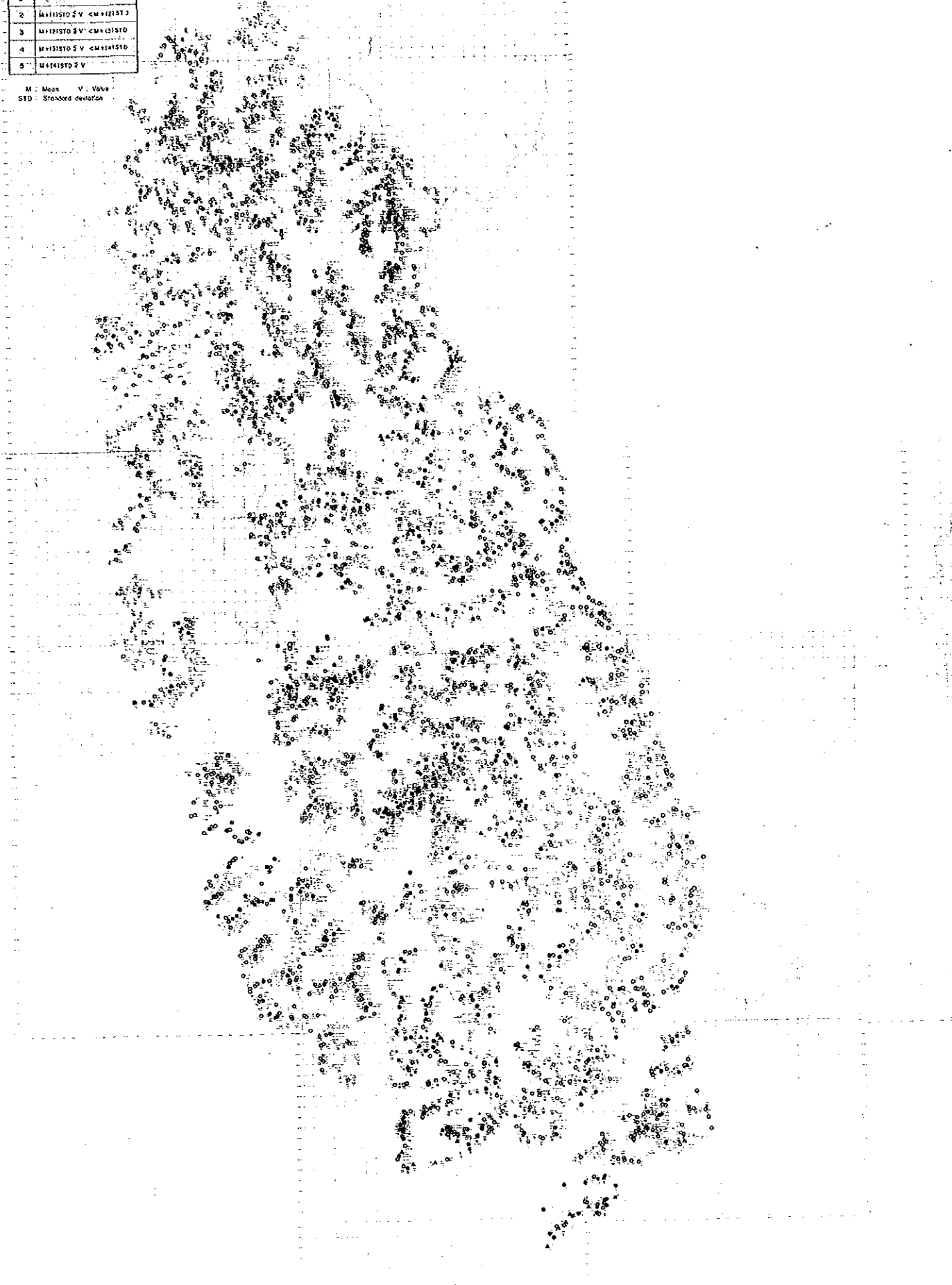


Multi-Element Score	
0	Score of 2 - 4
1	Score of 5 - 7
2	Score of 8 - 9
3	Score of more than 10

Score

Scoring	
0	$V < M - 1.96SD$
1	$M - 1.96SD < V < M + 1.96SD$
2	$M + 1.96SD < V < M + 3.92SD$
3	$M + 3.92SD < V < M + 5.88SD$
4	$M + 5.88SD < V < M + 7.84SD$
5	$M + 7.84SD < V$

M = Mean V = Value
SD = Standard deviation

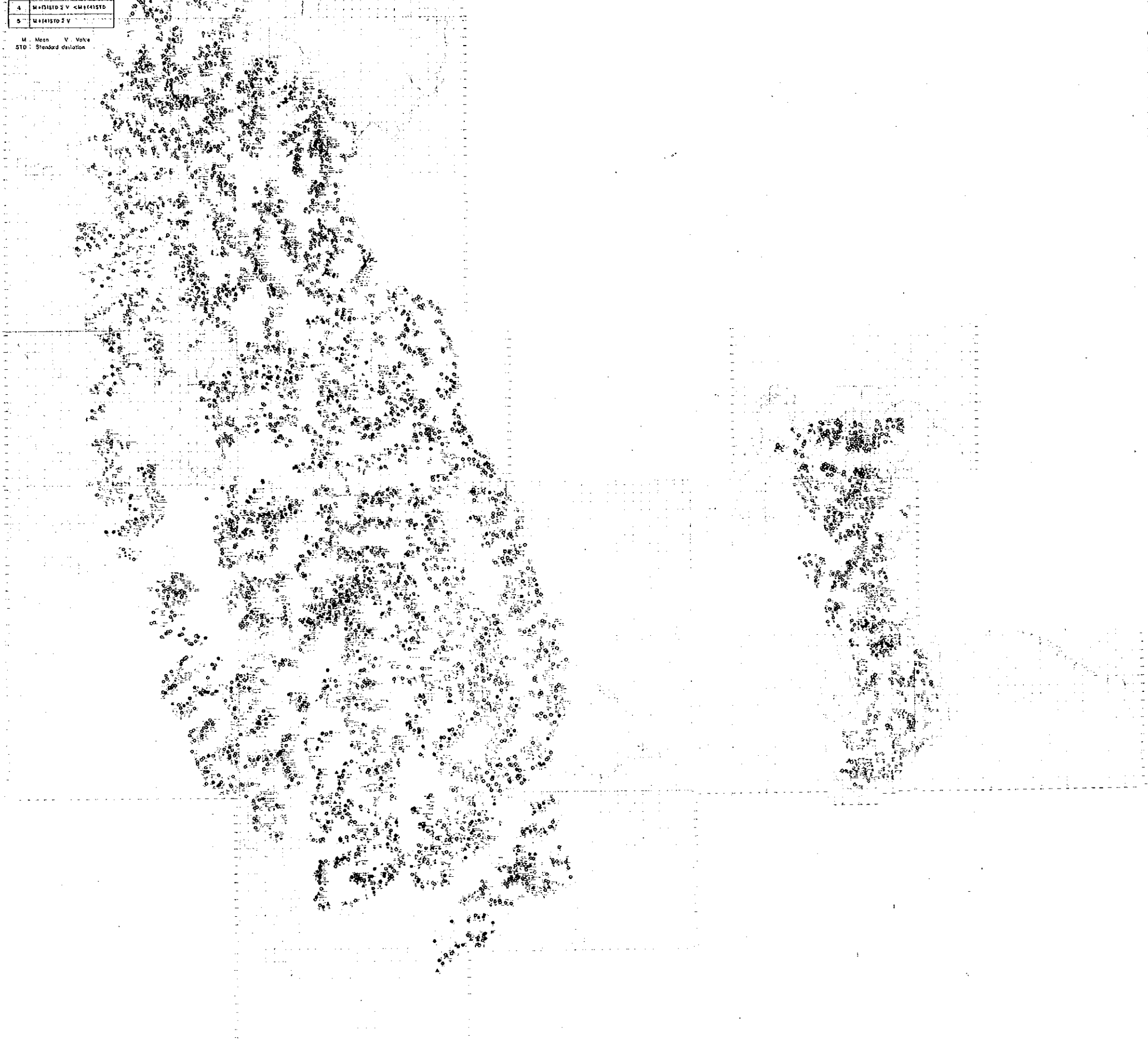


Multi-Element Score	
○	Score of 2 - 4
●	Score of 5 - 7
▲	Score of 8 - 9
■	Score of more than 10

Score

Scoring	
0	V <M+1.5STD
1	M+1.5STD < V <M+1.5STD
2	M+1.5STD < V <M+1.5STD
3	M+1.5STD < V <M+1.5STD
4	M+1.5STD < V <M+1.5STD
5	M+1.5STD < V

M: Mean V: Value
STD: Standard deviation



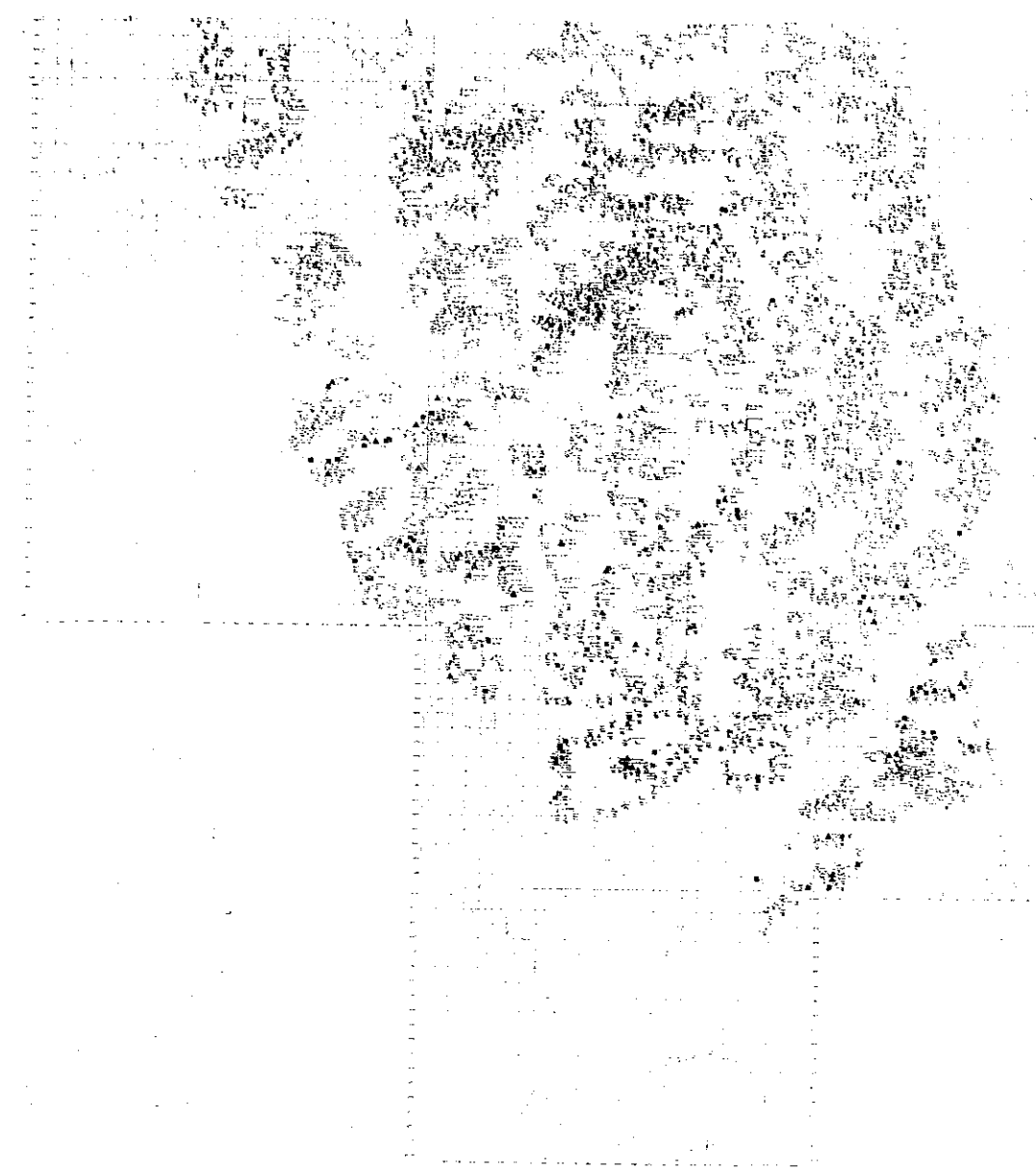
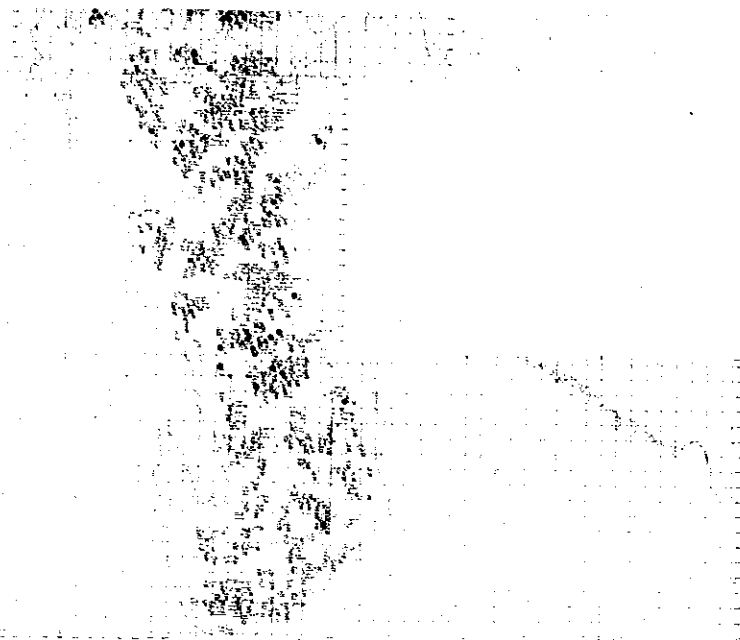
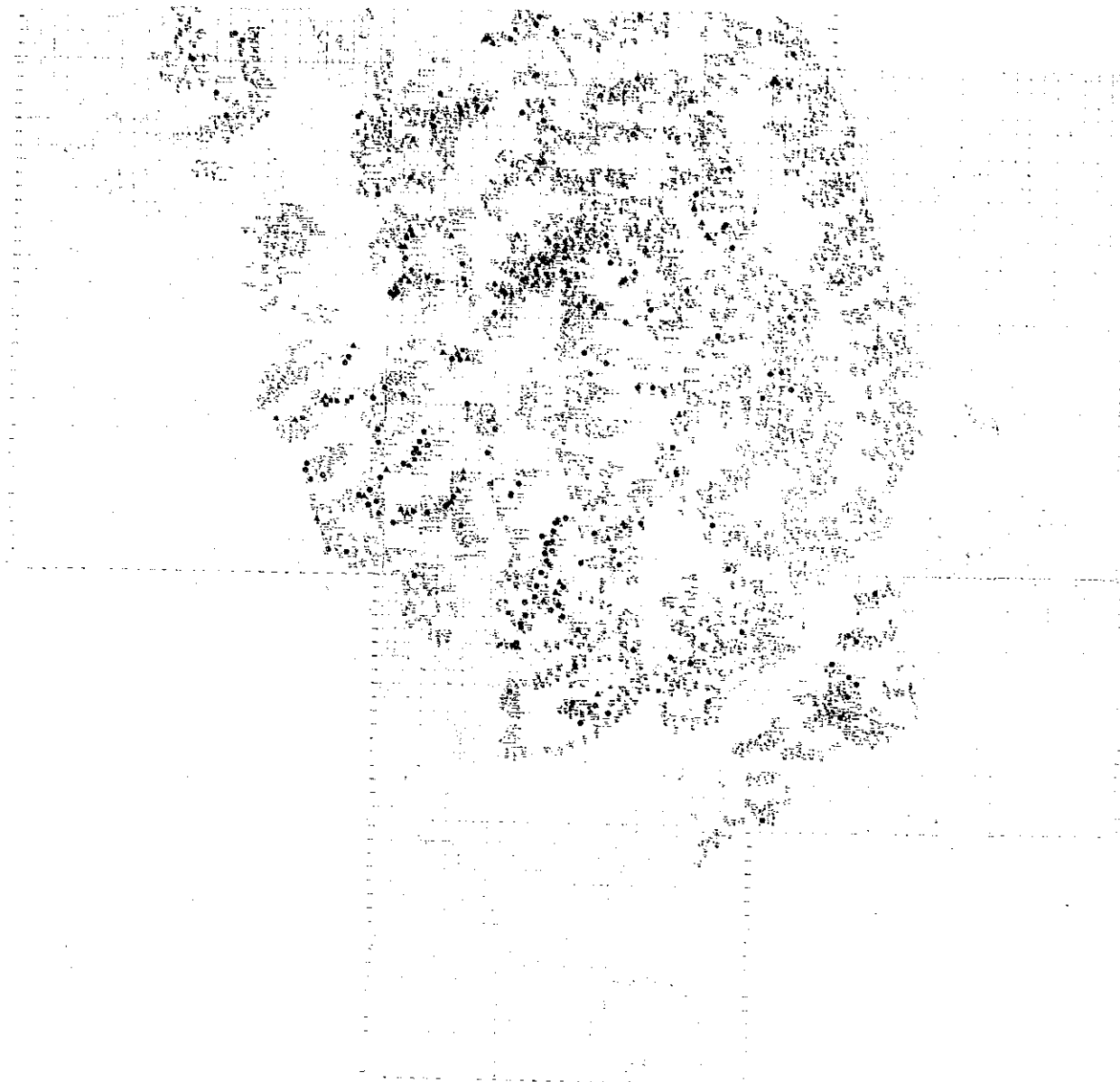
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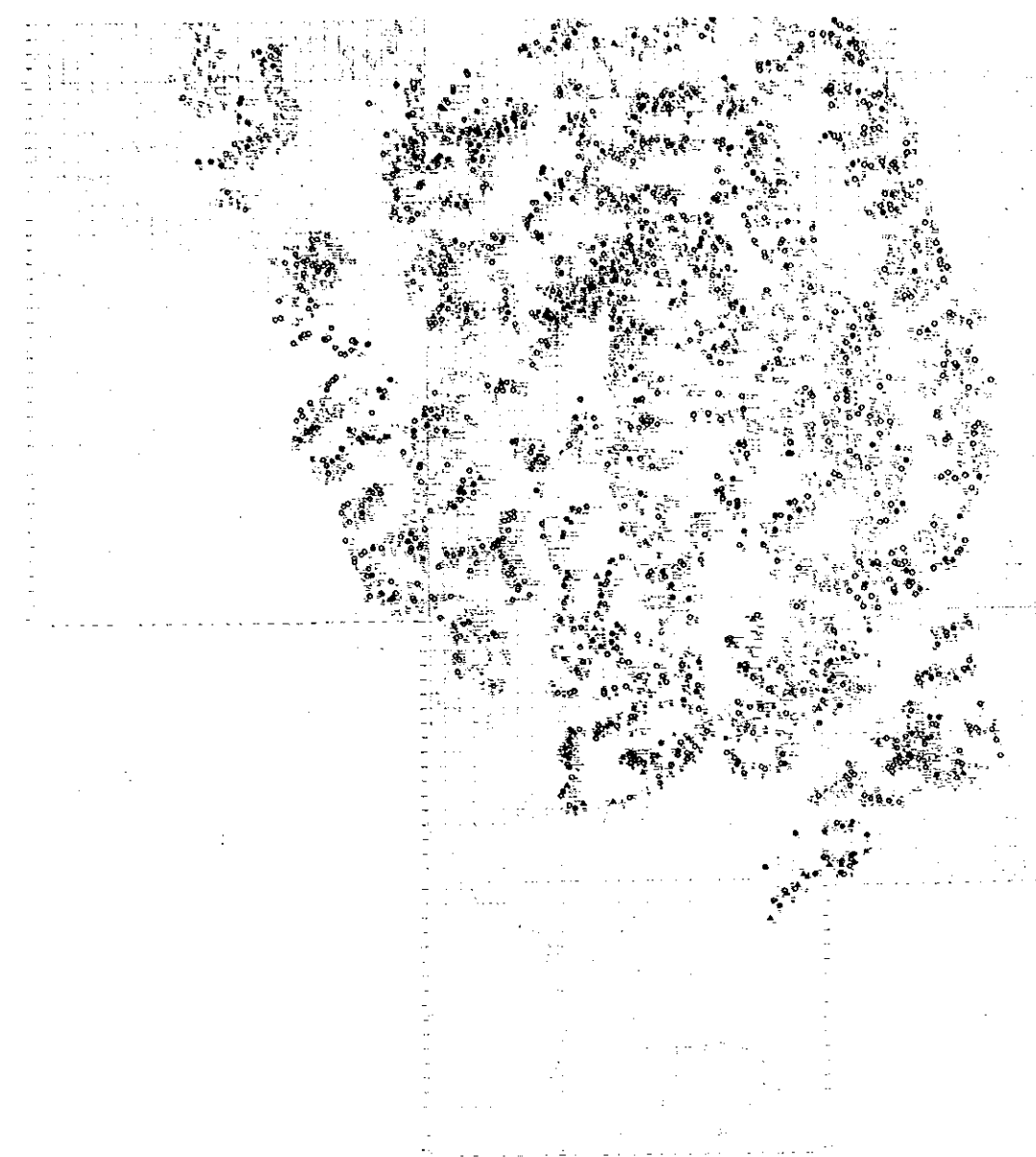
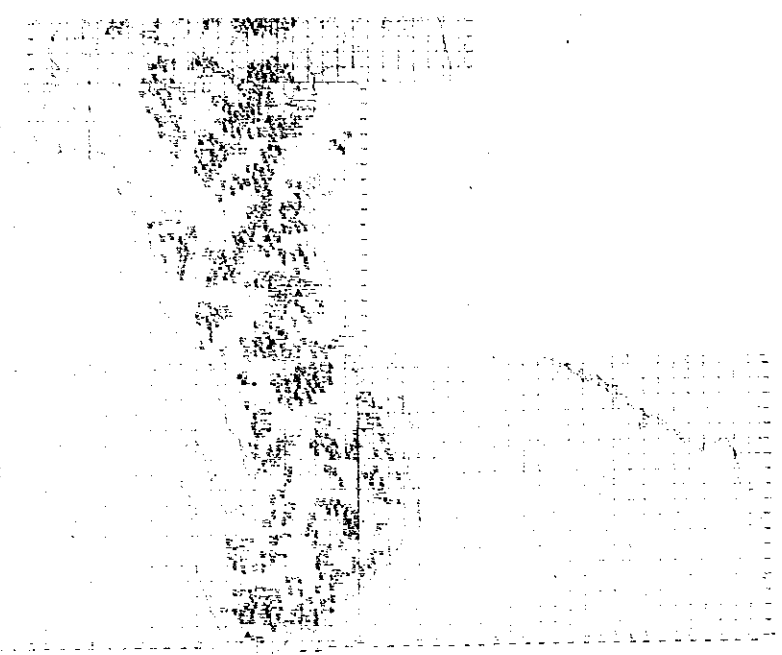
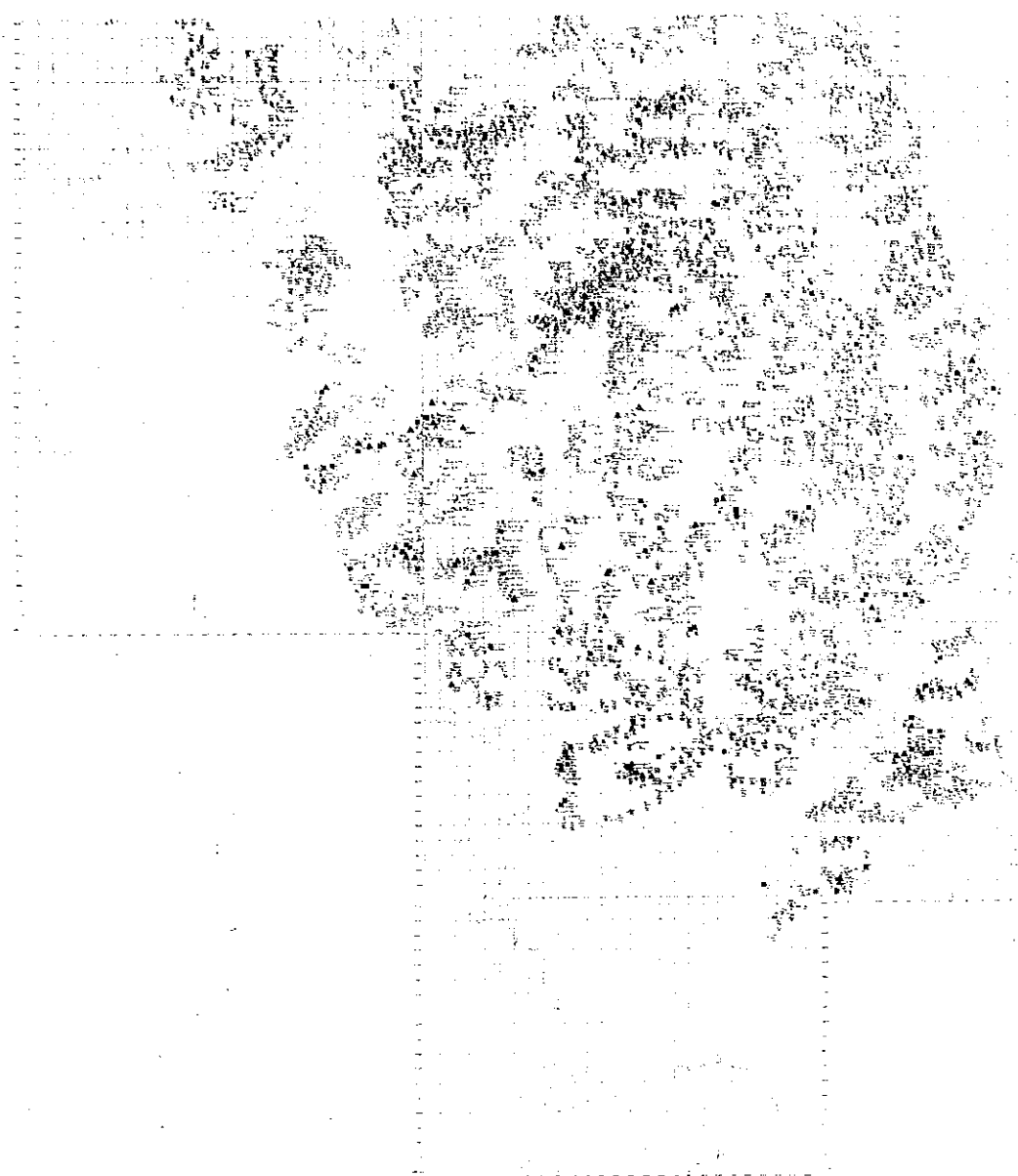
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THE REPUBLIC OF THE PHILIPPINES
PHASE I
**DISTRIBUTION GEOCHEMICAL ANOMALIES
OF STREAM SEDIMENT SAMPLES
SOUTHERN SIERRA MADRE-POLILLO AREA**

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JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
SEPTEMBER 1985

Scale 1:250,000







Cu (ppm)	
0	76 ≤ Cu < 100
A	100 ≤ Cu < 133
B	133 ≤ Cu

Cu

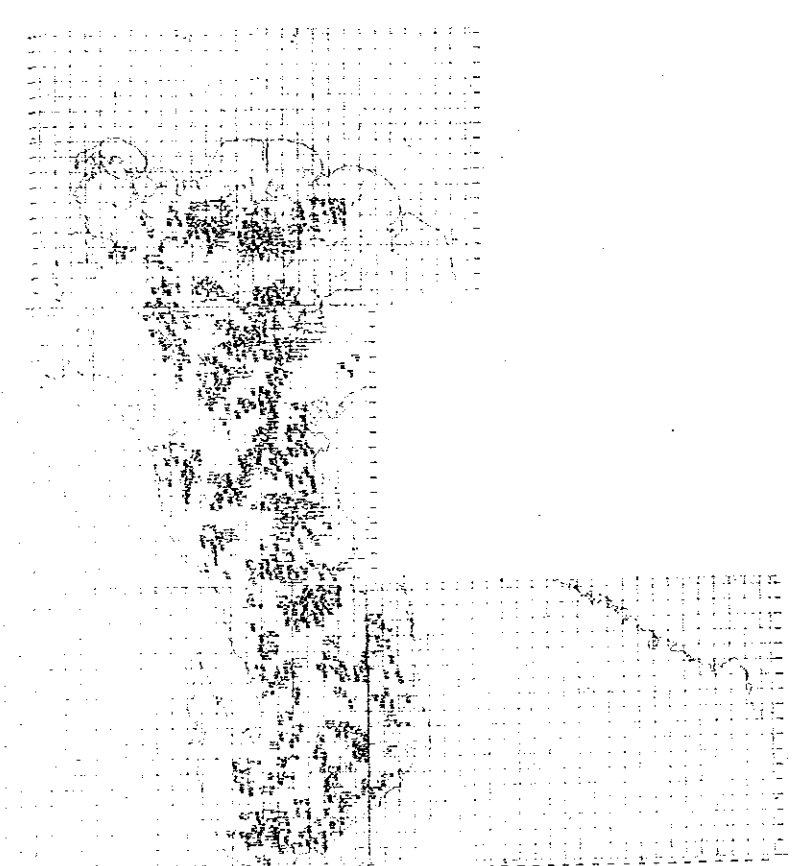
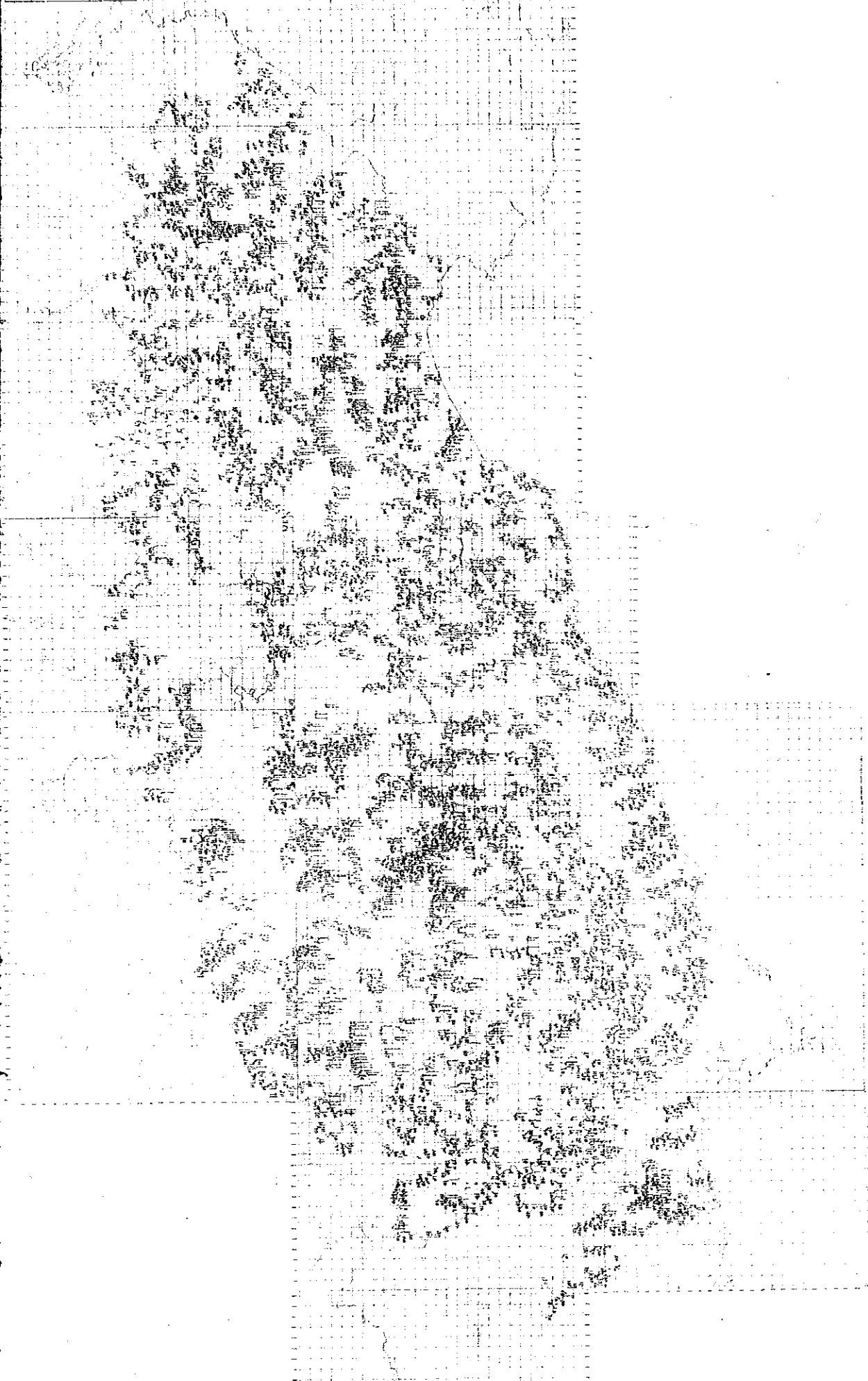
Zn (ppm)	
0	647 ≤ Zn < 731
A	731 ≤ Zn < 978
B	978 ≤ Zn

Zn



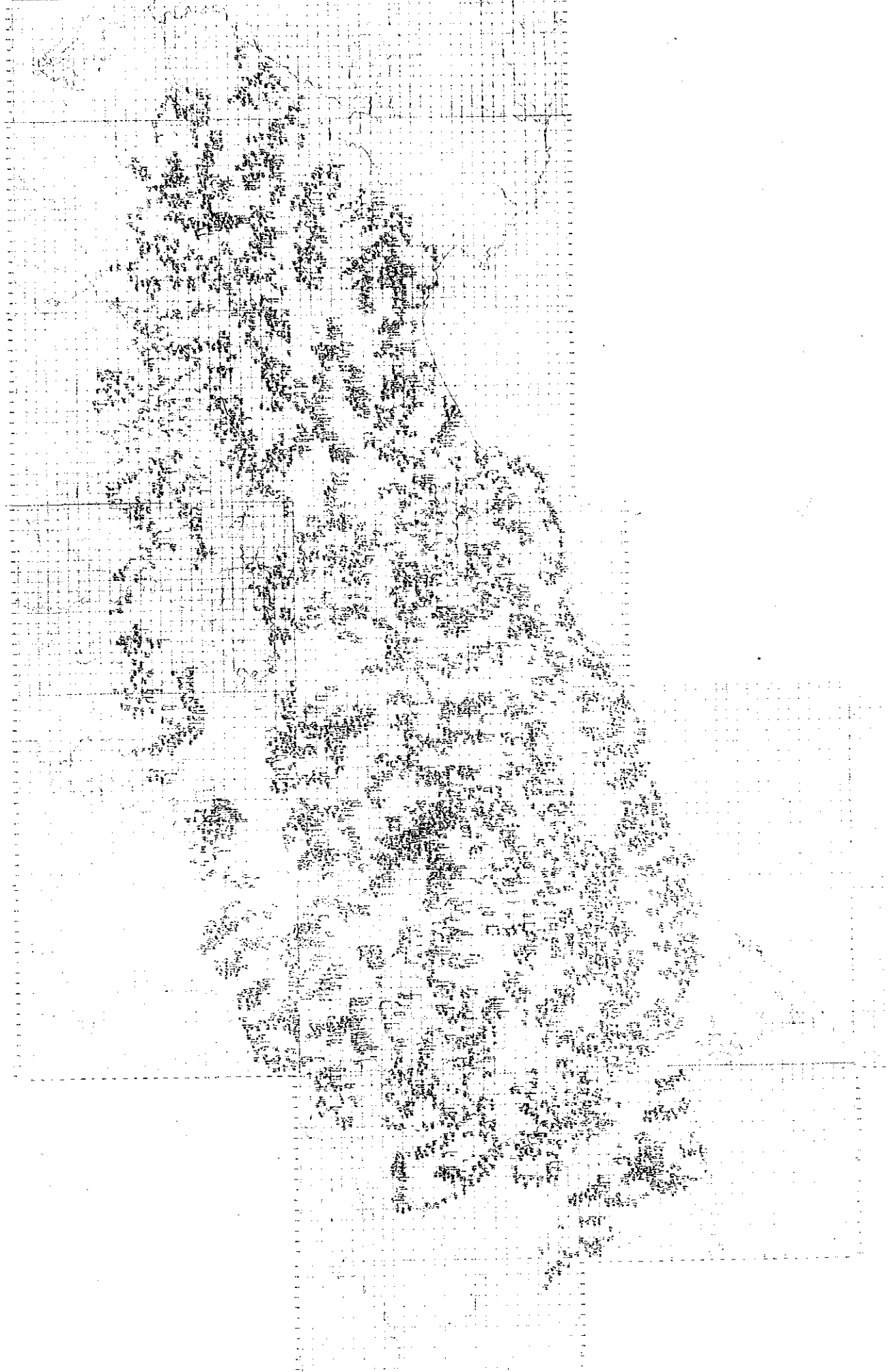
Zn (ppm)	
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A	131 ≤ Zn < 978
B	978 ≤ Zn

Zn



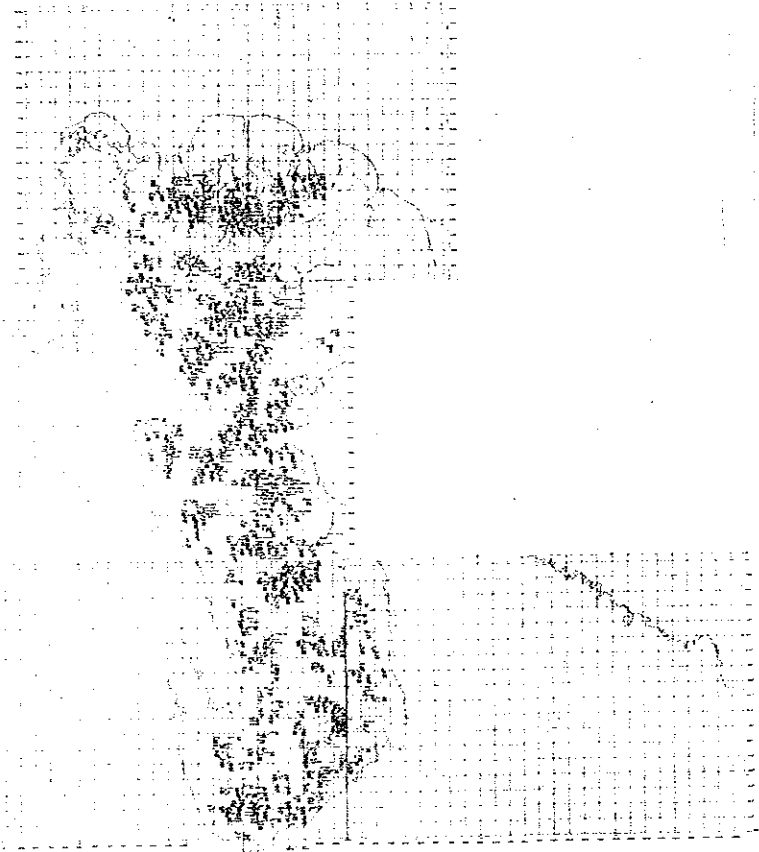
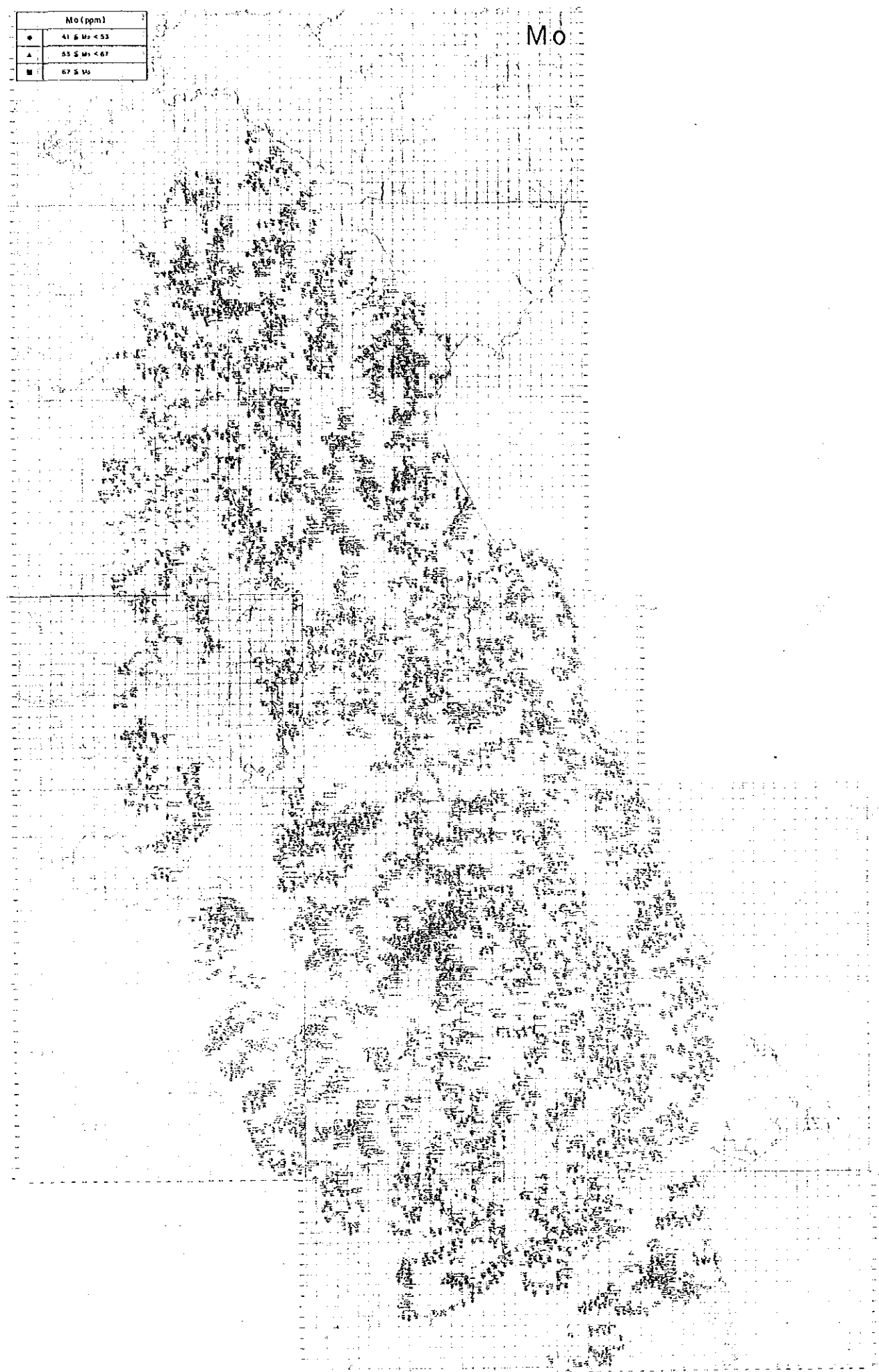
Mo (ppm)	
0	41 ≤ Mo < 53
A	53 ≤ Mo < 67
B	67 ≤ Mo

Mo



Mo (ppm)	
●	41 ≤ Mo < 53
▲	53 ≤ Mo < 67
■	67 ≤ Mo

Mo



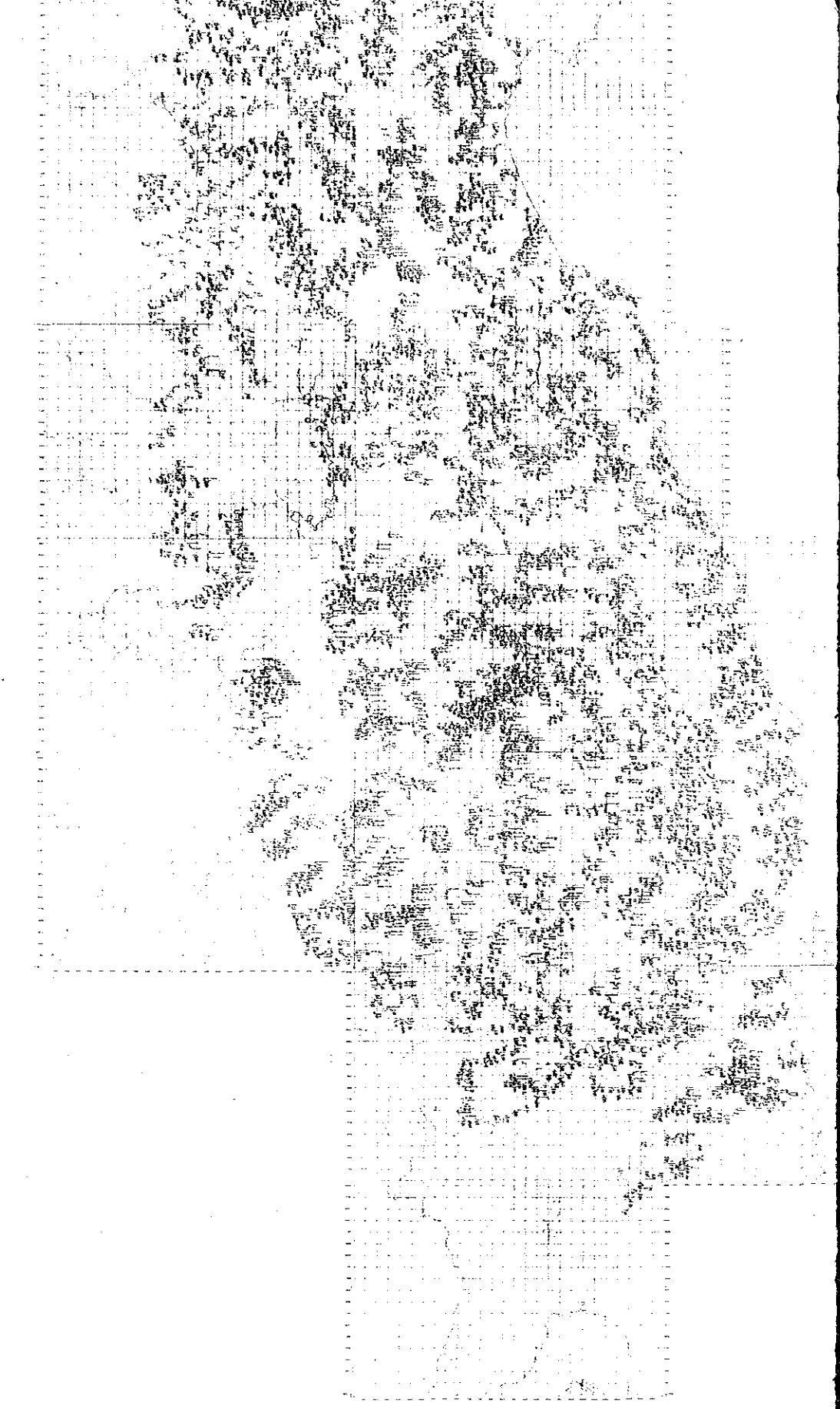
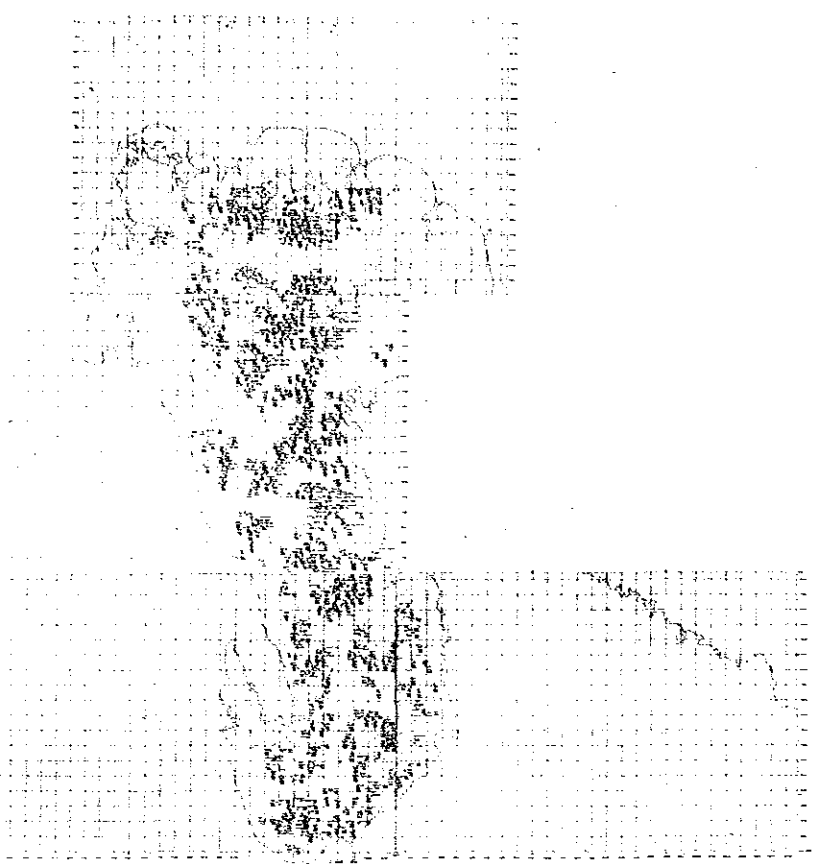
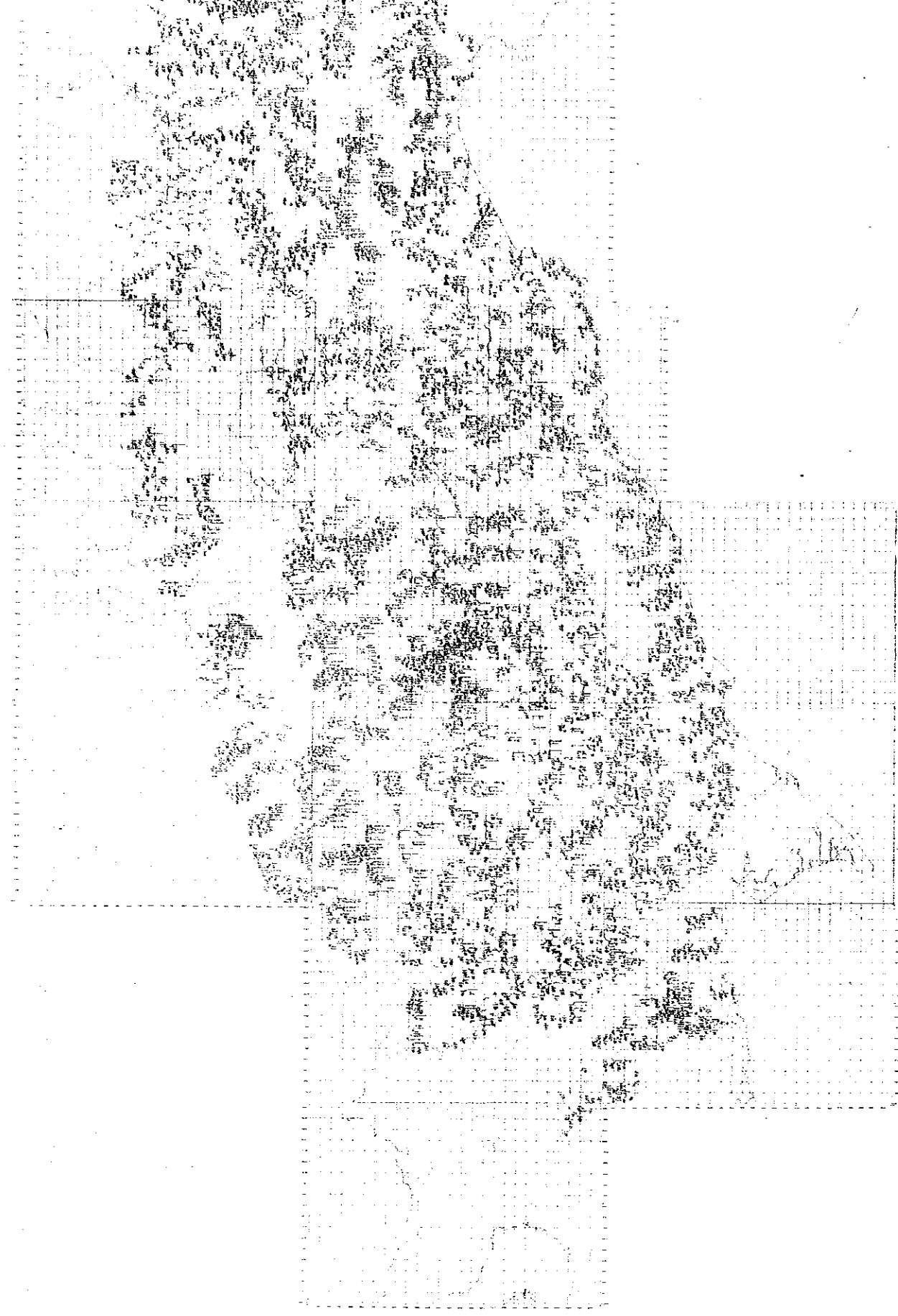
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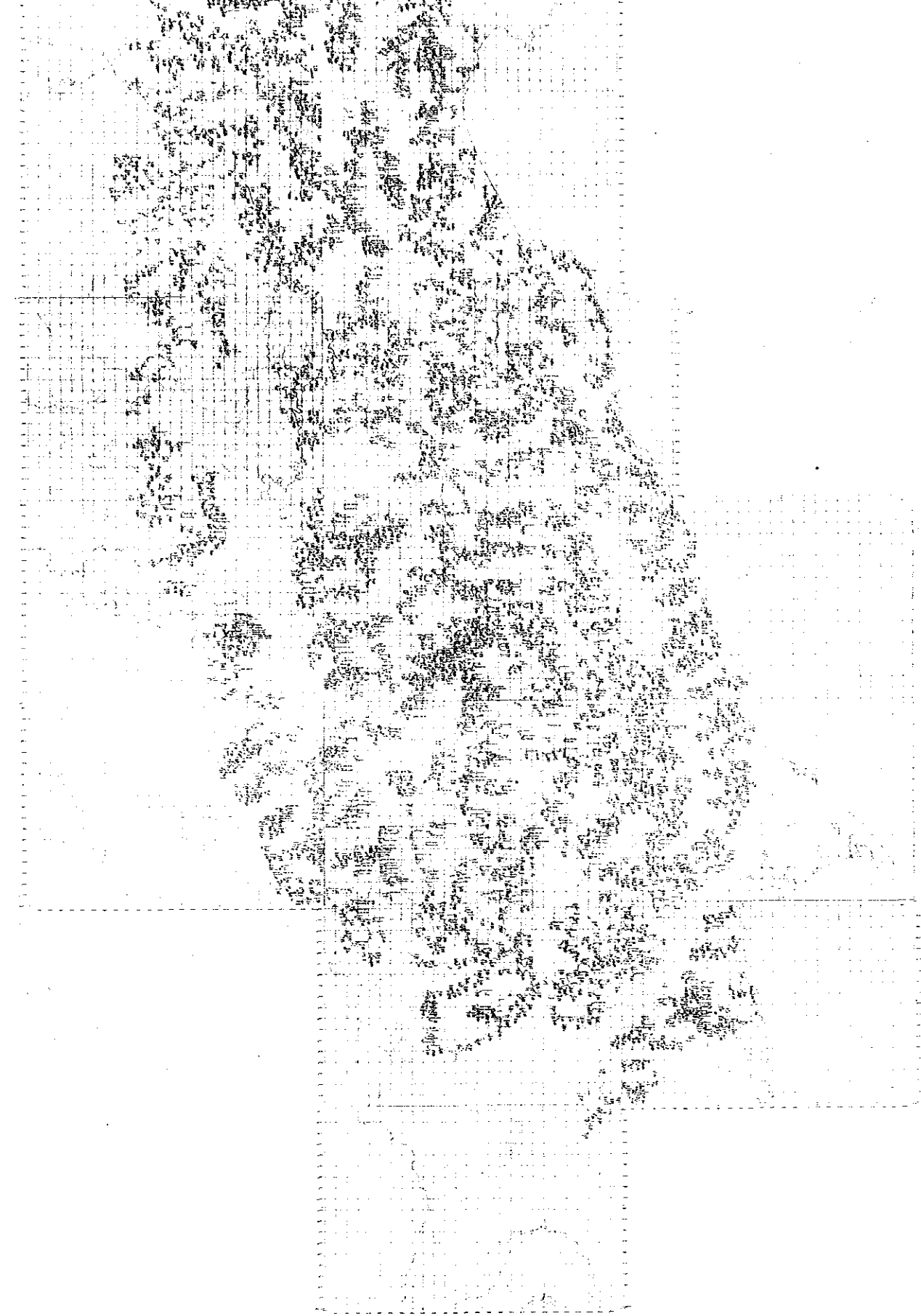
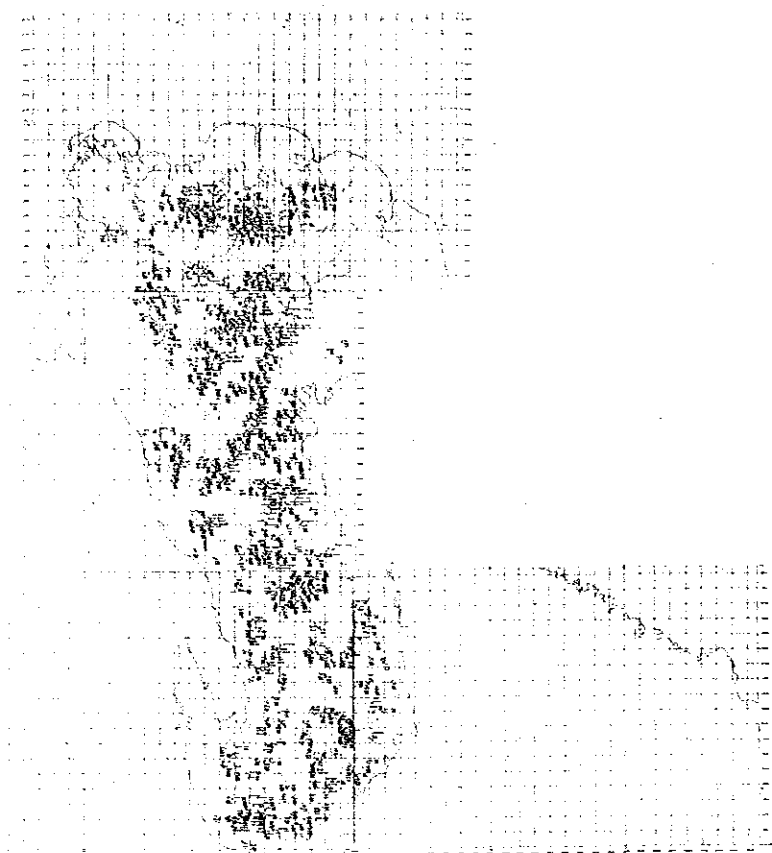
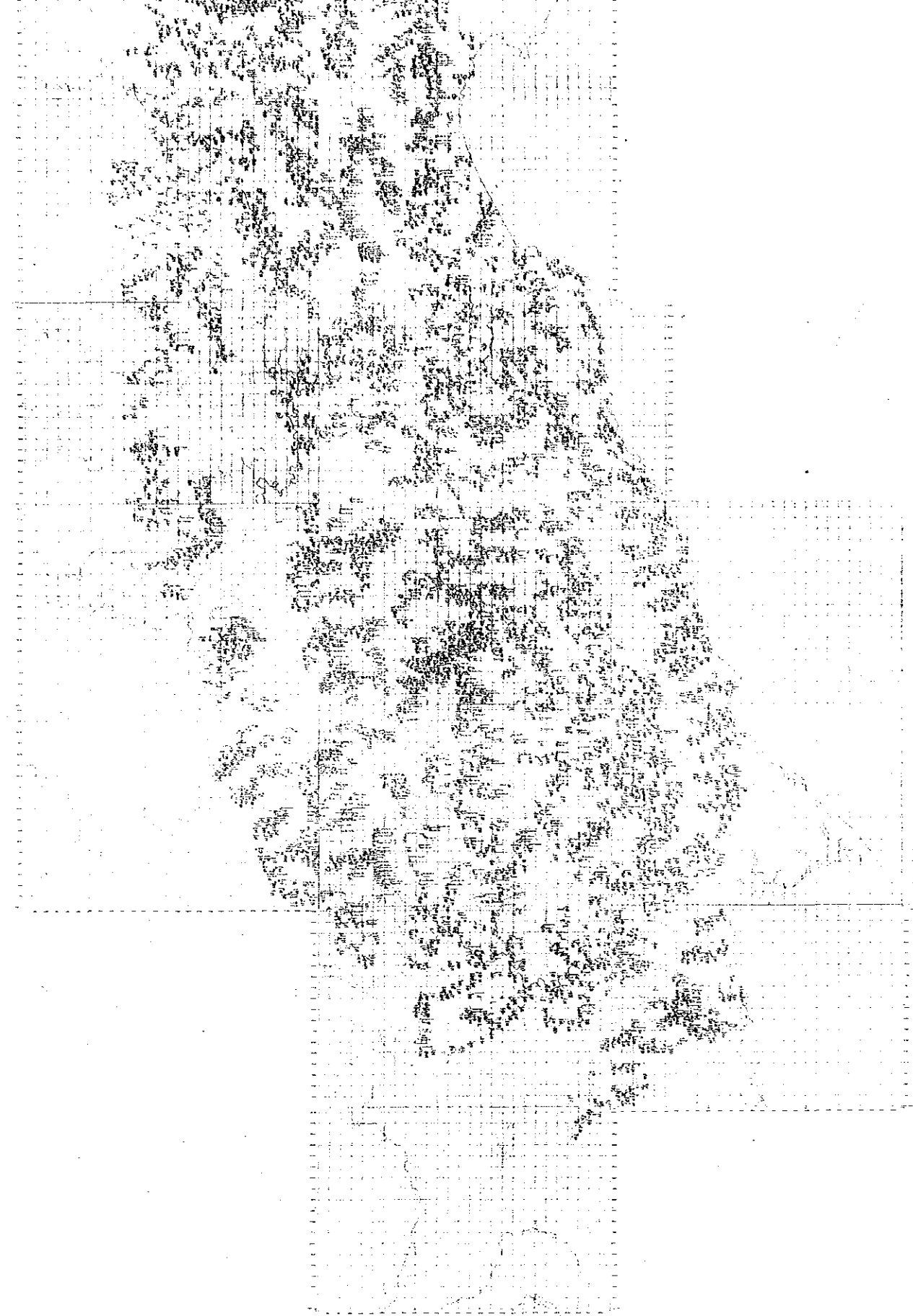
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 OF HEAVY MINERAL SAMPLES**
 SOUTHERN SIERRA MADRE - POLILLO AREA

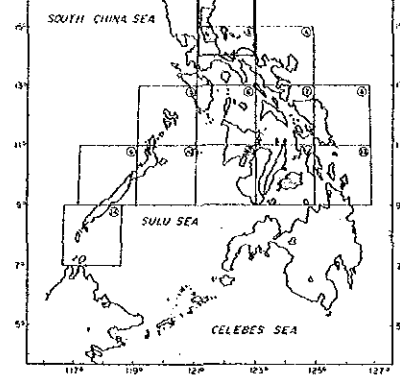
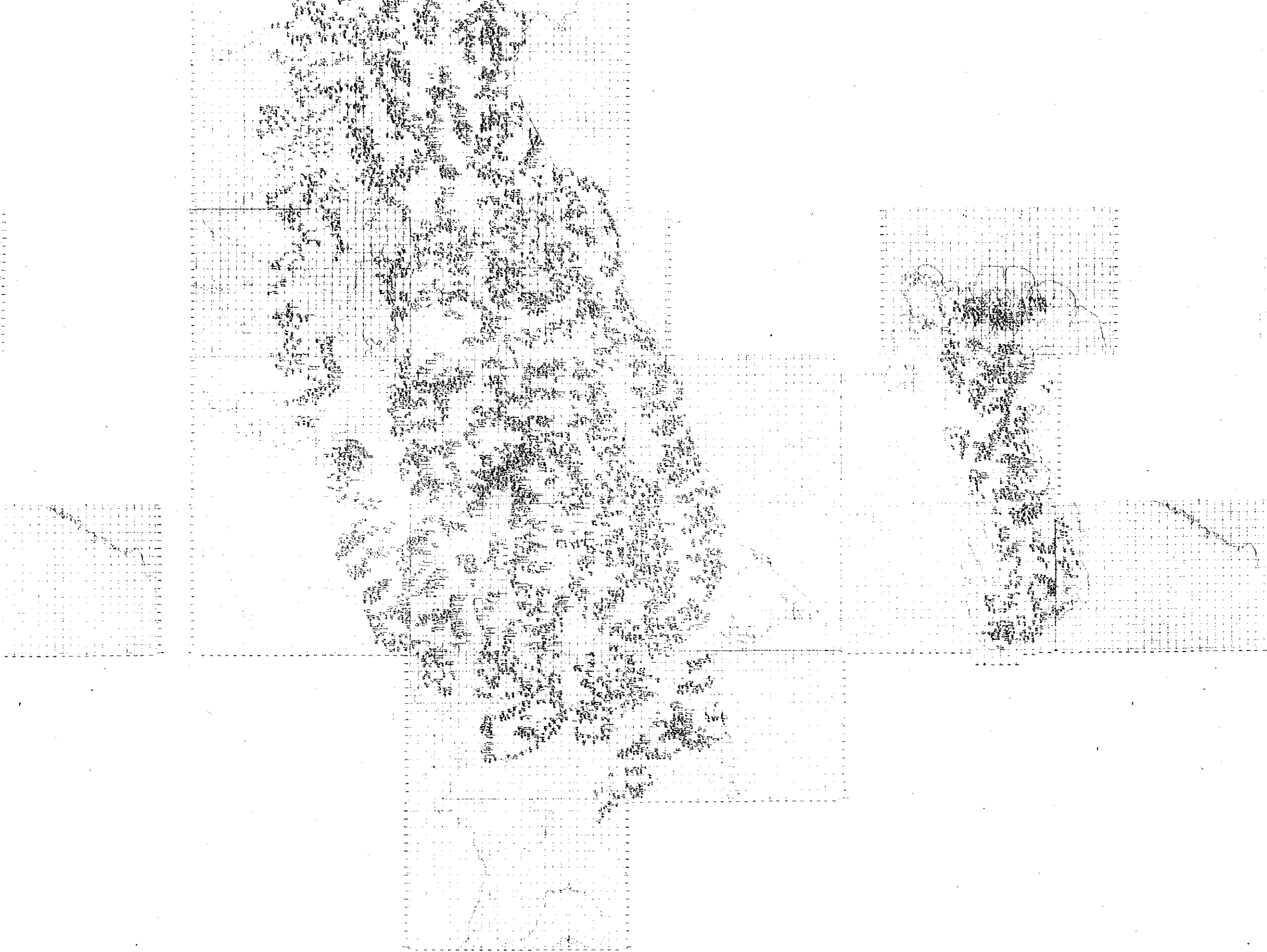
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 METAL MINING AGENCY OF JAPAN
 SEPTEMBER 1985

Scale 1 : 250,000







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