

(3) 異常域

物理探査地域の分析結果処理と同様平均値標準偏差及びこれよりしきい値 ($M+S.D.$, $M+2 \times S.D.$) ($M+3 \times S.D.$) を計算した。しきい値 ($M+S.D.$) を2級の異常値、しきい値 ($M+2 \times S.D.$) を第1級の異常値としてまた2個以上がまとまる域を異常帯とした。試料は1区平均7個の割合で出来る限り均等に分布するように採取したので、グリッドサンプリングと同様等分析値コンターを画いて異常帯を抽出した (Table II-3-7) (Fig. II-3-21~26)。

銅・鉛・亜鉛それに金・銀が重複して2級の異常帯を示す地域は Barute 露頭~Patahajang 珪化帯より Mandagang 川上流 Nabobar 川にかけ、巾 1 km、延長 3 km の範囲に分布する。この異常帯内に銅・鉛・亜鉛の1級異常帯が Barute~Patahajang 地区及び Nabobar 川上流にみられる。その他金・銀の2級異常帯が Mandagang 山嶺線部、及び Simpang Pining 村より Saladi 川上流に分布している。なお Barute~Mandagang 川の異常帯及び Saladi 川異常帯にはトータル岩~石英閃緑岩の岩株が貫入している。Mandagang 川山嶺部は下部石灰岩層よりなり Saladi 川異常帯と同様の地質条件にあるが、物理探査地区と同様下部に潜頭性のトータル岩・石英閃緑岩が貫入している可能性がある。一部石灰岩にスカム様の転石 (KR-4) もあることなどから、潜頭性へ接触交代鉱床が分布することも考えられる (Fig. II-3-21~26)。

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for ensuring transparency and accountability in the organization's operations. This section also outlines the various methods and tools used to collect and analyze data, highlighting the need for consistency and reliability in the information gathered.

2. The second part of the document focuses on the implementation of internal controls and risk management strategies. It details the specific measures taken to identify potential risks and mitigate their impact on the organization's goals and objectives. This includes the establishment of clear policies and procedures, as well as the regular monitoring and evaluation of these controls to ensure their effectiveness.

3. The third part of the document addresses the role of communication and collaboration in achieving organizational success. It stresses the importance of maintaining open lines of communication between all levels of the organization and fostering a culture of teamwork and mutual support. This section also discusses the various channels and methods used to facilitate communication and ensure that all team members are kept informed and engaged.

4. The fourth part of the document discusses the importance of continuous improvement and innovation in the organization's operations. It highlights the need for regular assessment and evaluation of current practices and the implementation of new, more effective methods and technologies. This section also outlines the various strategies and initiatives used to encourage innovation and drive the organization forward.

5. The fifth part of the document discusses the importance of maintaining high standards of ethical conduct and integrity in the organization's operations. It emphasizes the need for all employees to adhere to a strict code of ethics and to report any potential conflicts of interest or unethical behavior. This section also outlines the various measures taken to ensure the integrity of the organization's operations and to maintain the trust of its stakeholders.

Table II-3-7 List of Mean Value, Standard Deviation and Threshold Value in Muara Sipongi Area B (Pagar Gunung - Patohajang Area)

a) SIP Survey Area

Element	Max	Min	Mean	S.D. (log)	M+S.D.	M+2xS.D.	M+3xS.D.
Au (ppb)	175	1	5	0.5958	21	83	
Ag (ppm)	10.5	0.1	0.29	0.5268	0.97	3.29	
Cu (ppm)	415	12	48	0.2757	91	172	324
Pb (ppm)	9,500	1	20	0.7463	115	643	3,587
Zn (ppm)	4,900	31	127	0.4561	364	1,042	2,979

(population: 229)

b) Outside Area of SIP Survey

Element	Max	Min	Mean	S.D. (log)	M+S.D.	M+2xS.D.	M+3xS.D.
Au (ppb)	270	1	11	0.5884	45	175	
Ag (ppm)	3.9	0.1	0.25	0.4430	0.71	1.98	
Cu (ppm)	660	15	58	0.2634	106	195	359
Pb (ppm)	3,000	1	26	0.5395	90	313	1,084
Zn (ppm)	4,700	28	198	0.3593	274	627	1,436

(population: 198)

Table II-3-8. List of Coefficient of Correlation between Path-finder Elements on Geochemical Survey in Muara Sipongi Area B

a) SIP Survey Area

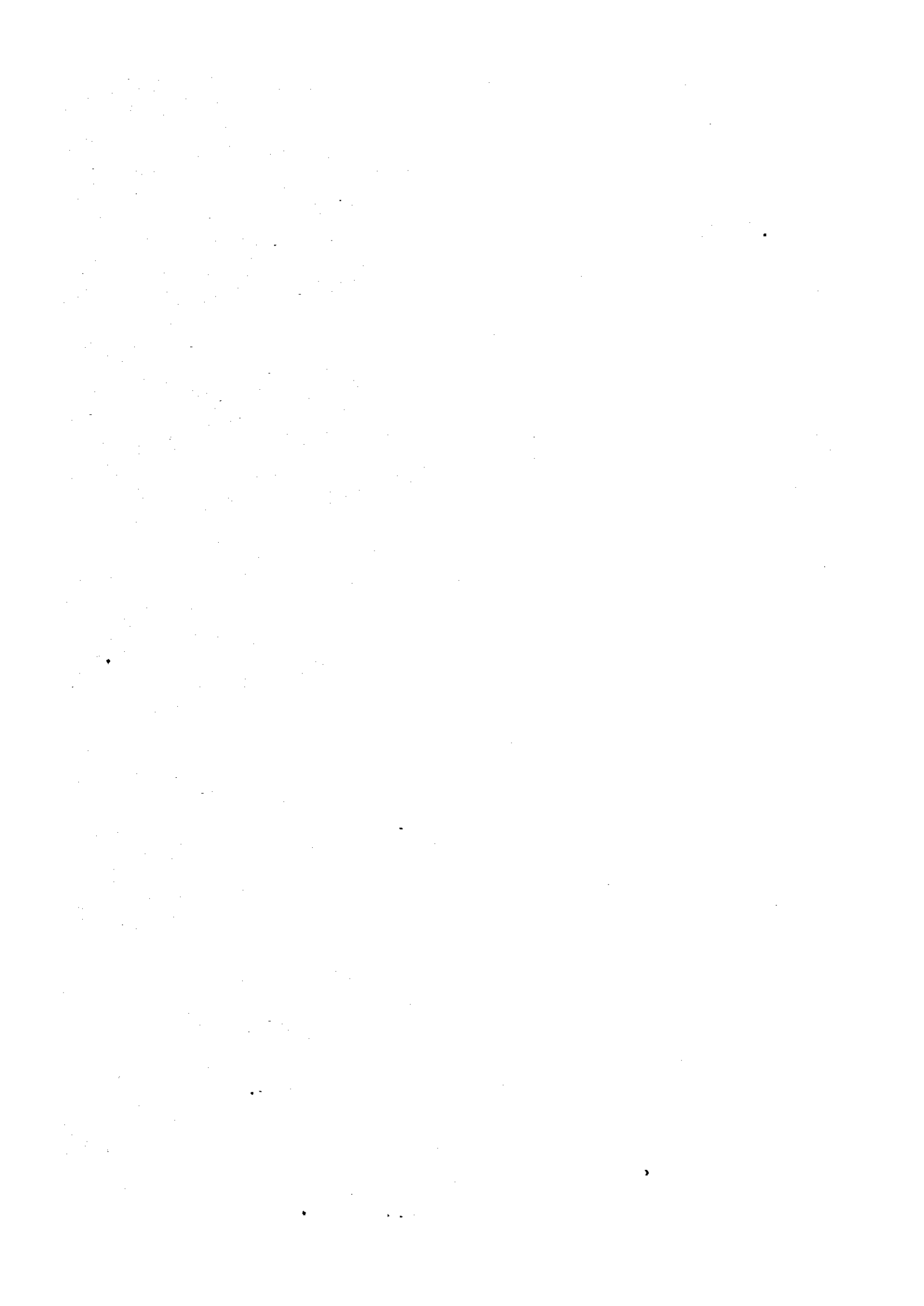
	Au	Ag	Cu	Pb	Zn
Au		0.550666	0.192713	0.562439	0.512393
Ag			0.120403	0.622877	0.321714
Cu				0.335302	0.718206
Pb					0.752058
Zn					

(population: 229)

b) Outside area of SIP survey

	Au	Ag	Cu	Pb	Zn
Au		0.463509	0.505905	0.476082	0.427362
Ag			0.038335	0.410928	0.156529
Cu				0.471667	0.770808
Pb					0.782223
Zn					

(population: 198)



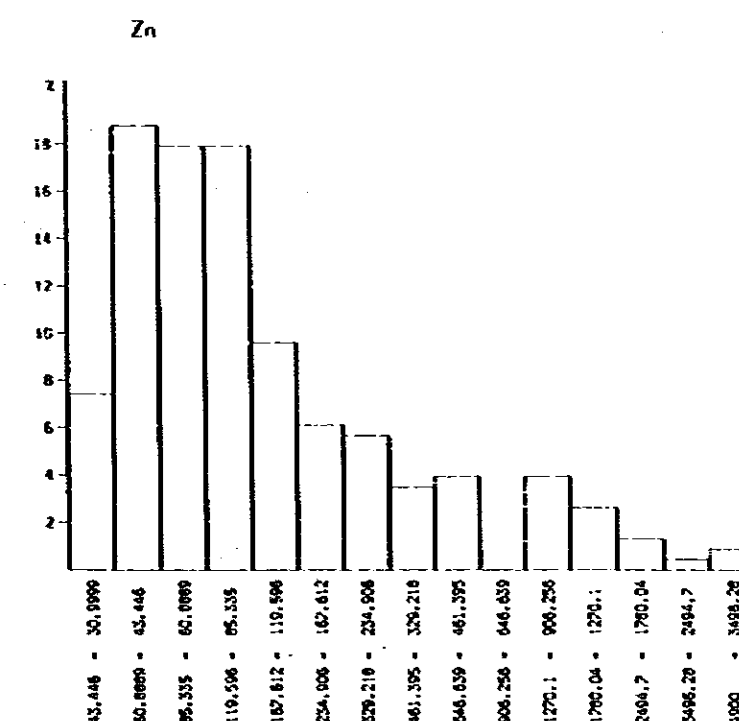
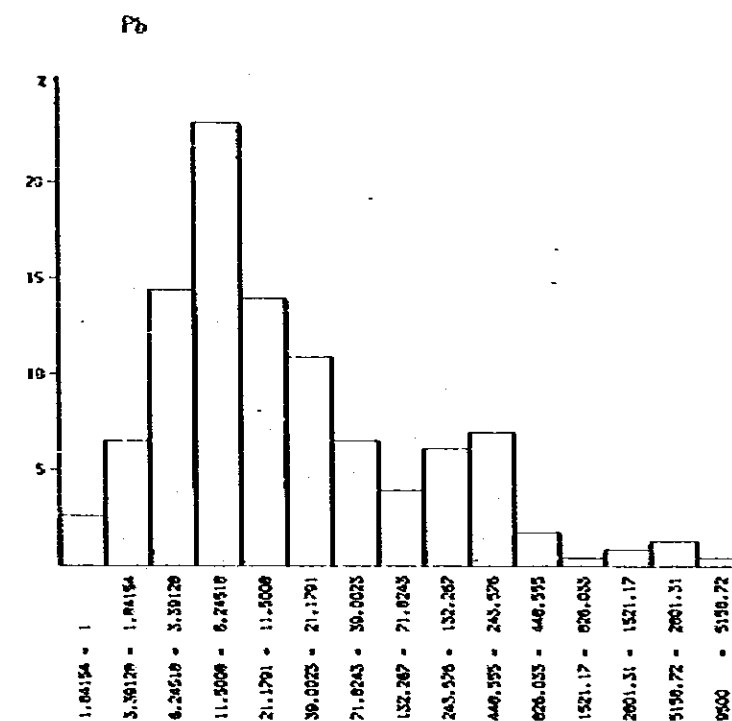
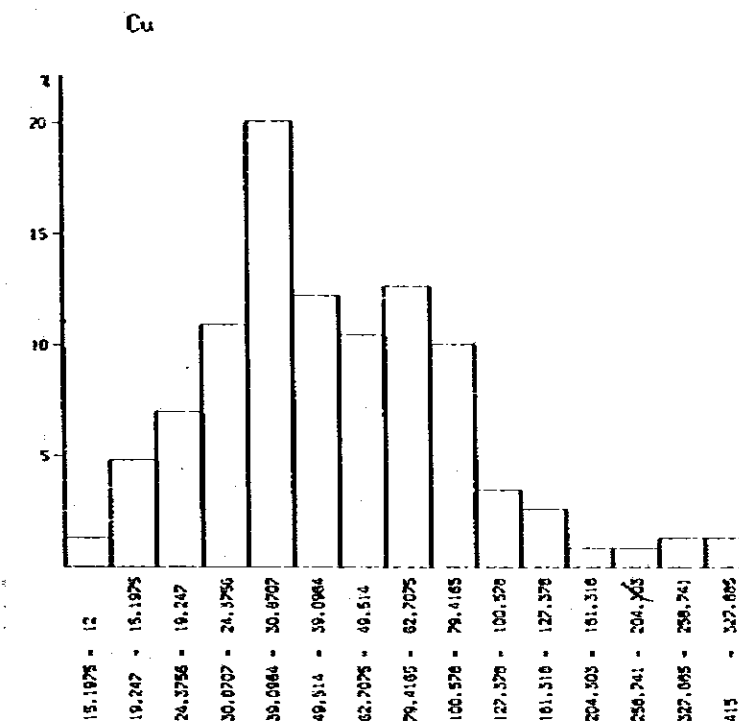
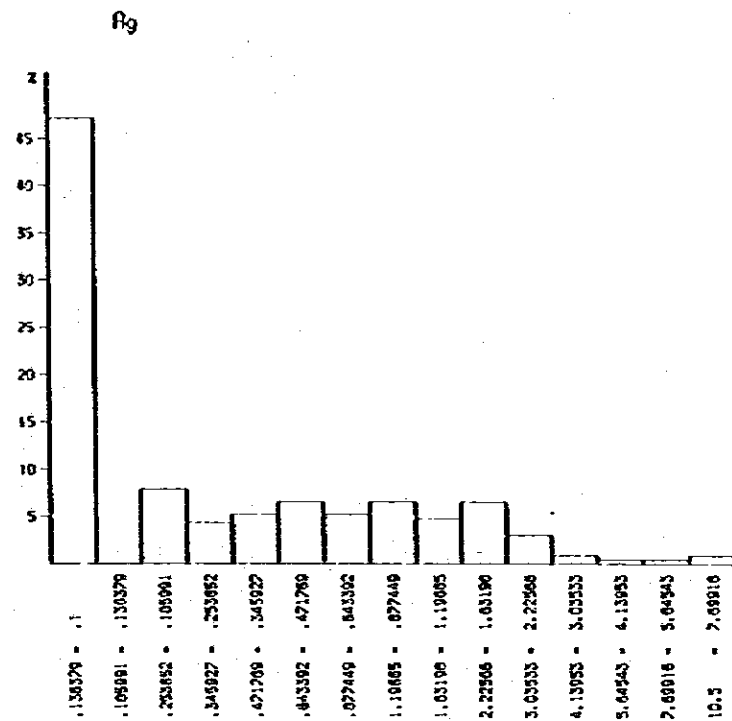
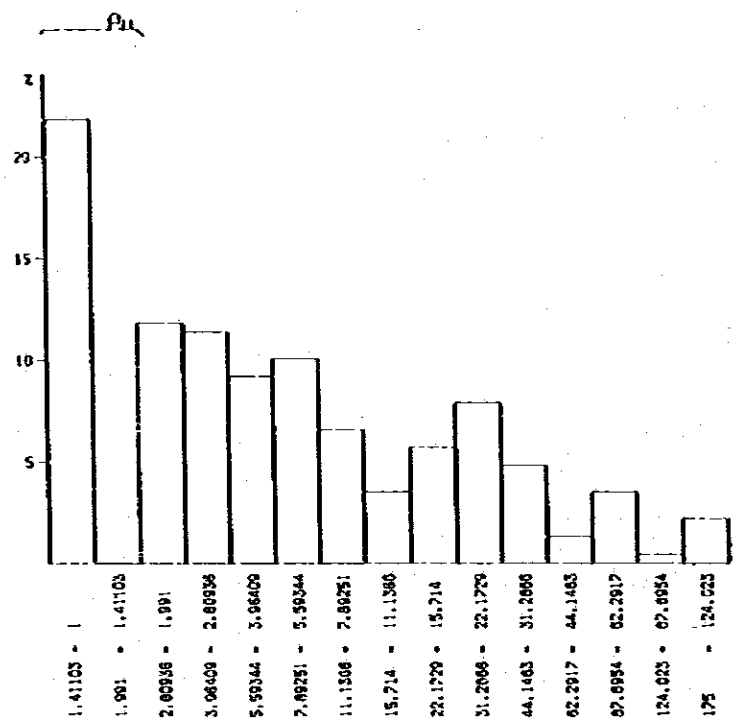
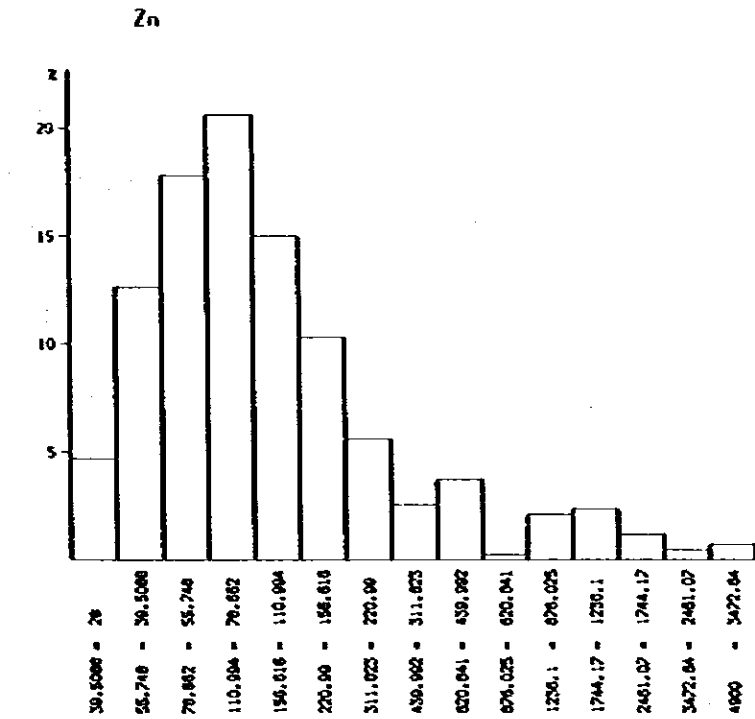
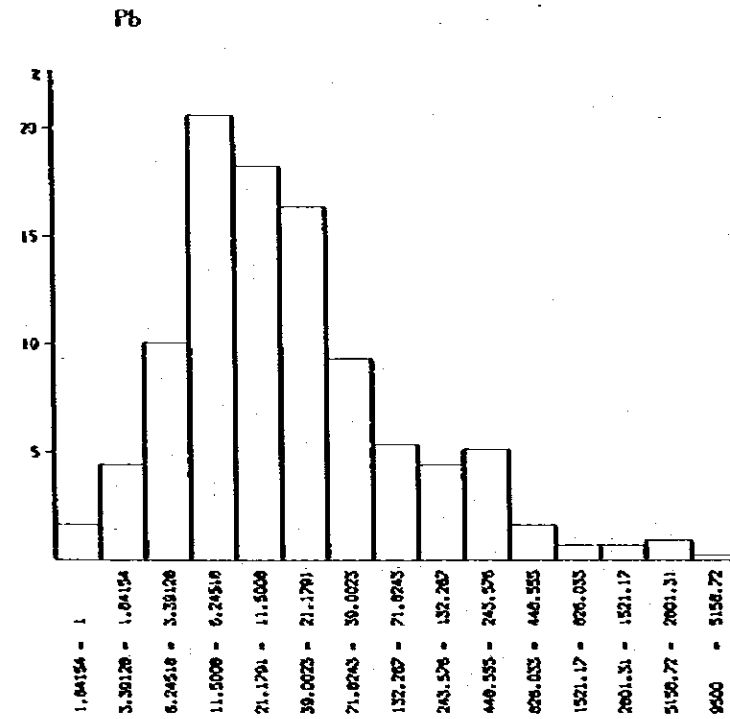
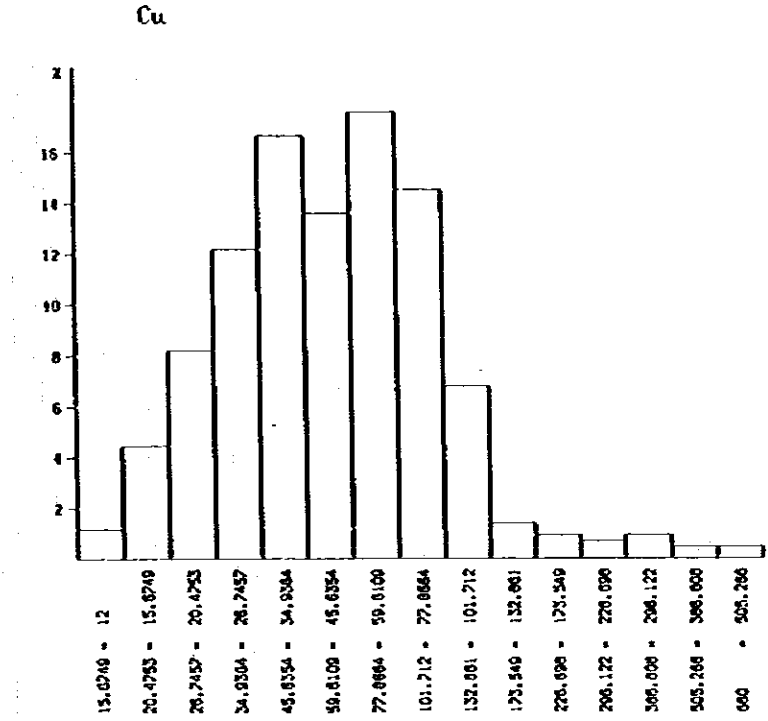
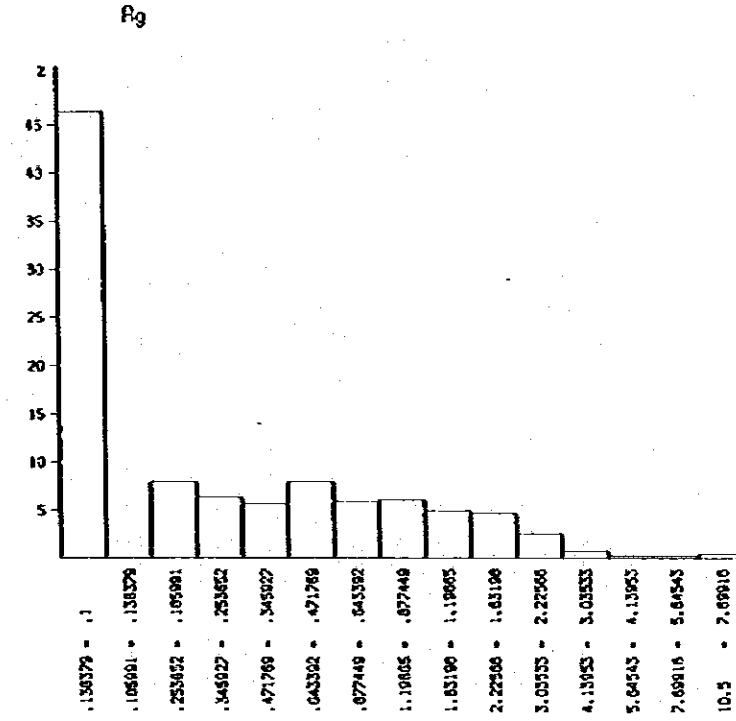
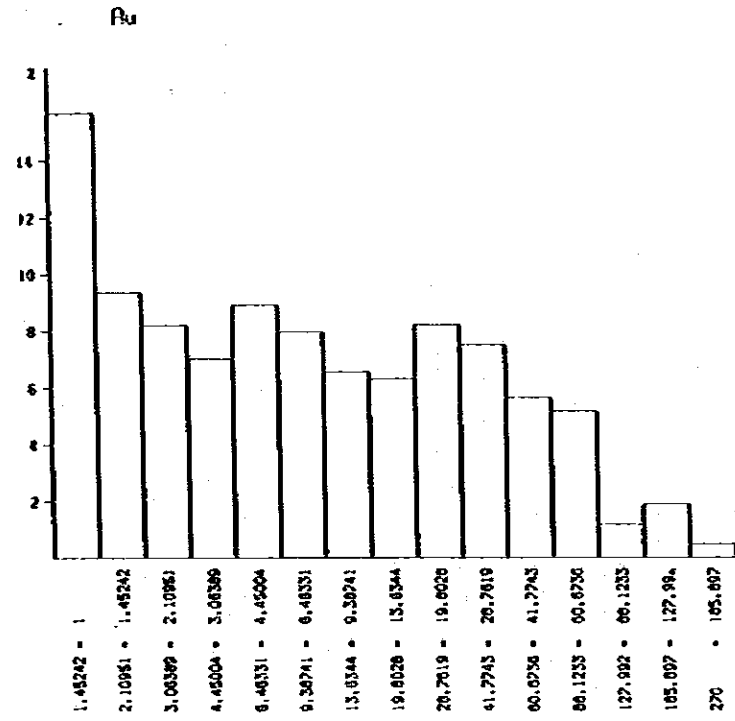


Fig. II-3-18 Histogram of Geochemical Analysis in Muara Sipongi Area B (SIP survey area)



Histogram of Geochemical Analysis in Kuara Sipongi Area B (Outside area of SIP survey)

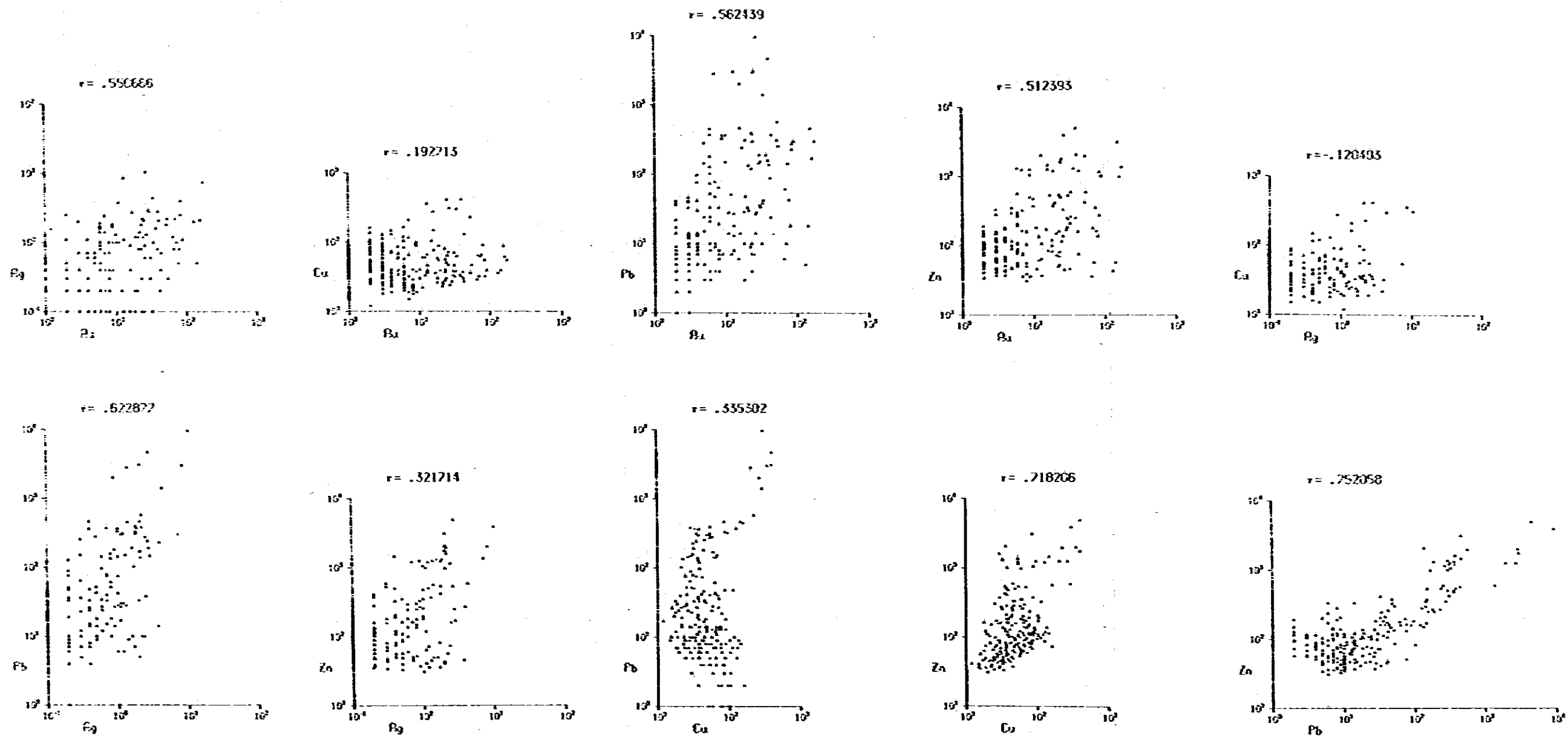
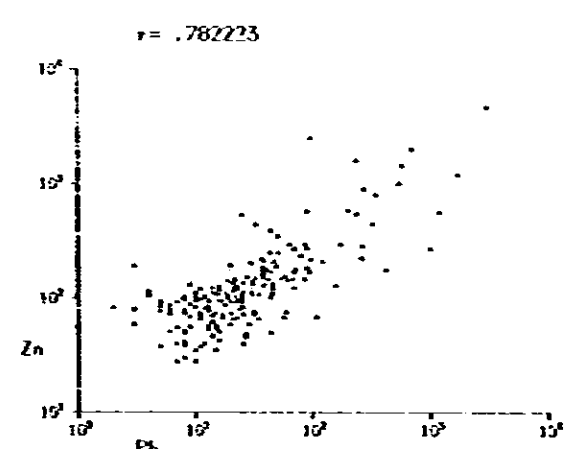
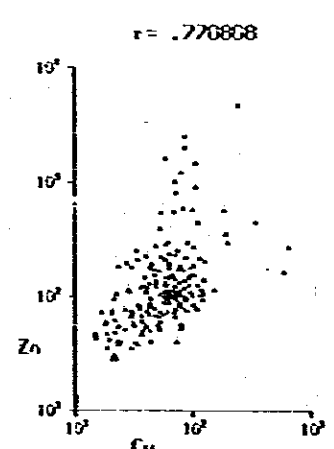
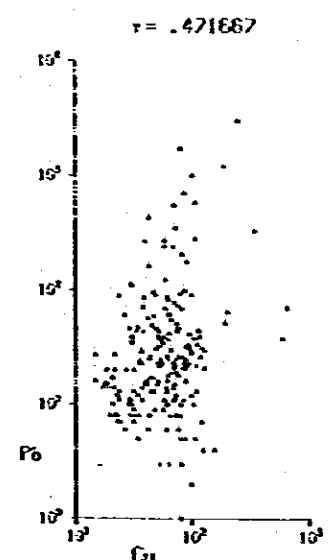
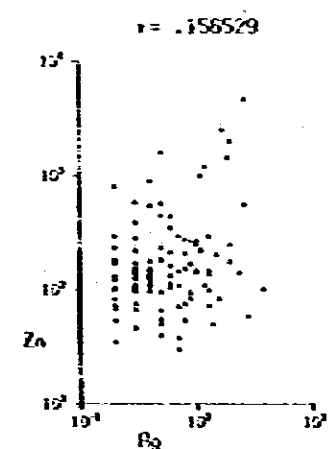
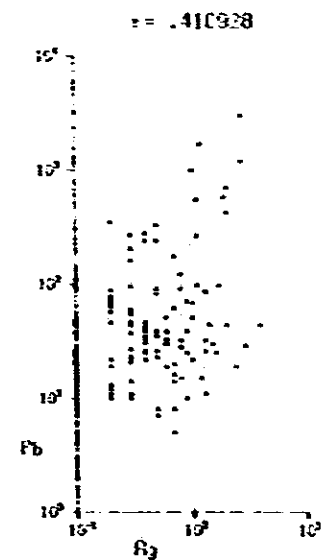
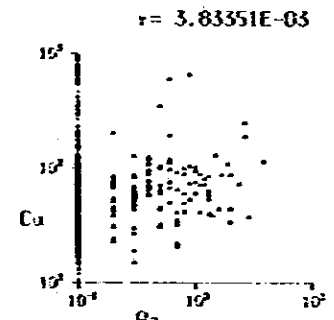
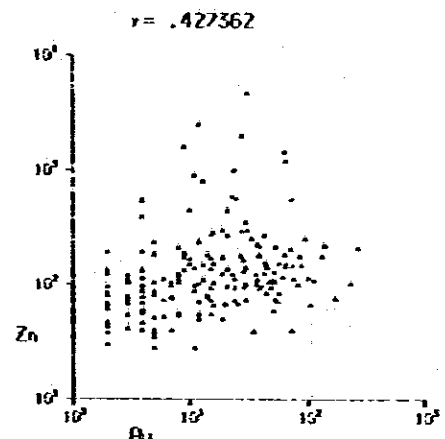
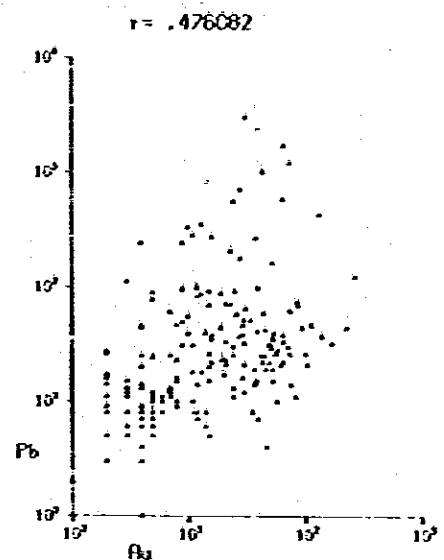
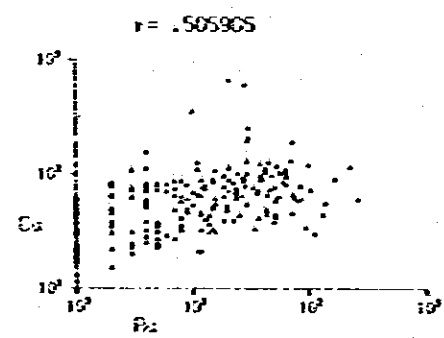
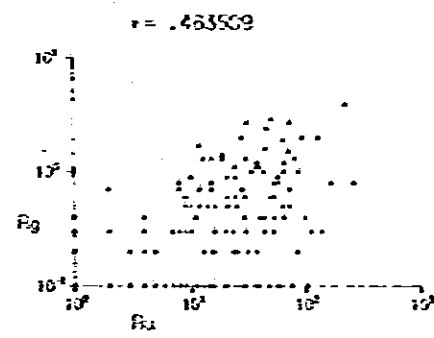


Fig. 11-3-19 Coefficient of Correlation of Geochemical Path-finder Elements
In Kuara Sipongi Area B (SIP survey area)



Coefficient of Correlation of Geochemical Path-finder Elements
in Muara Sipongi Area B (Outside area of SIP survey)

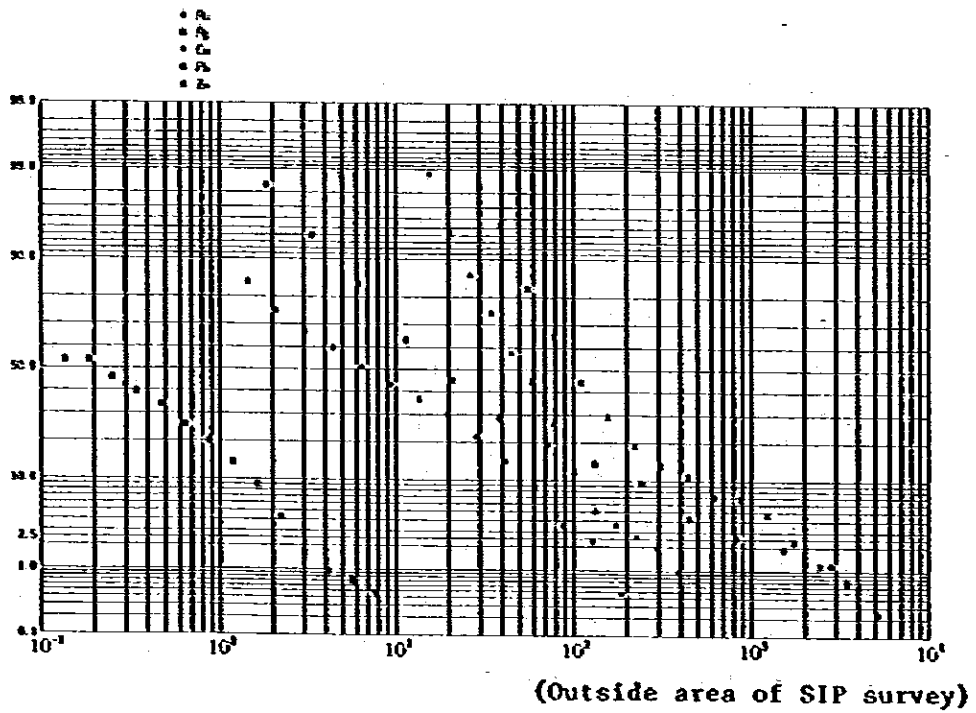
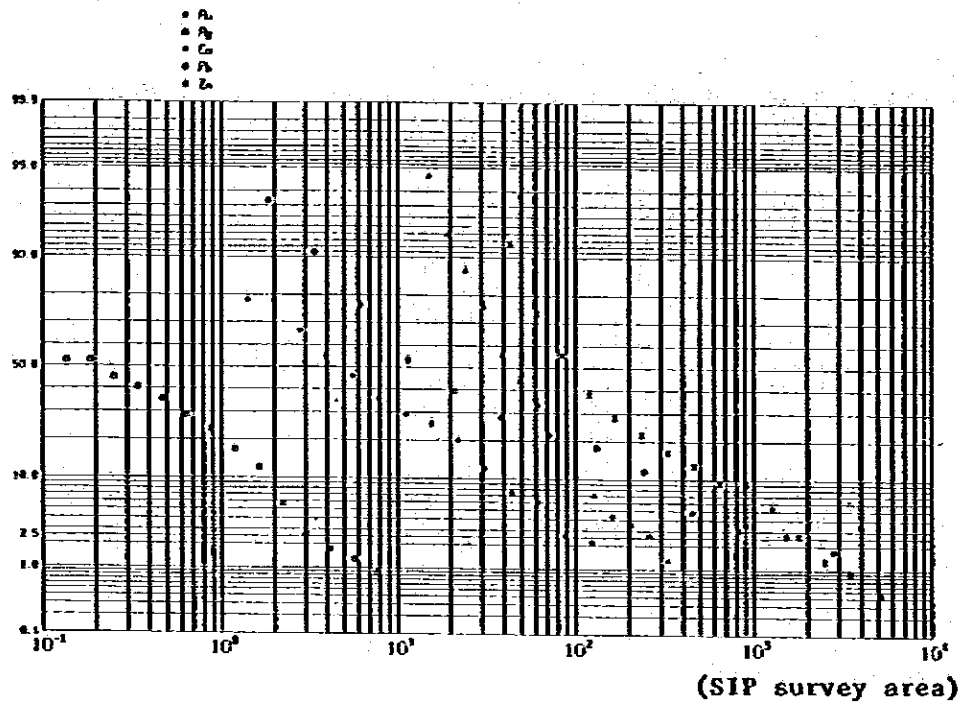
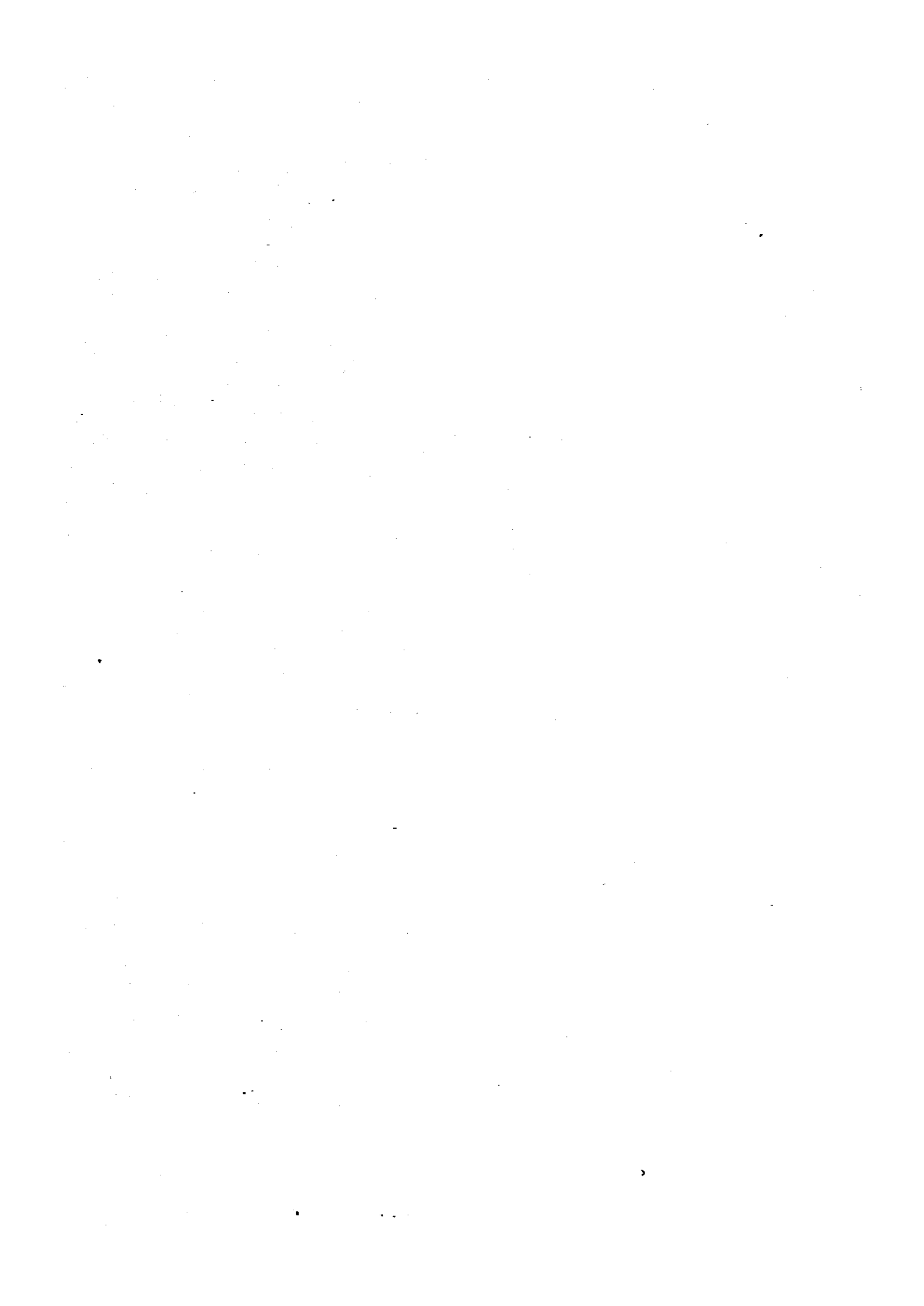
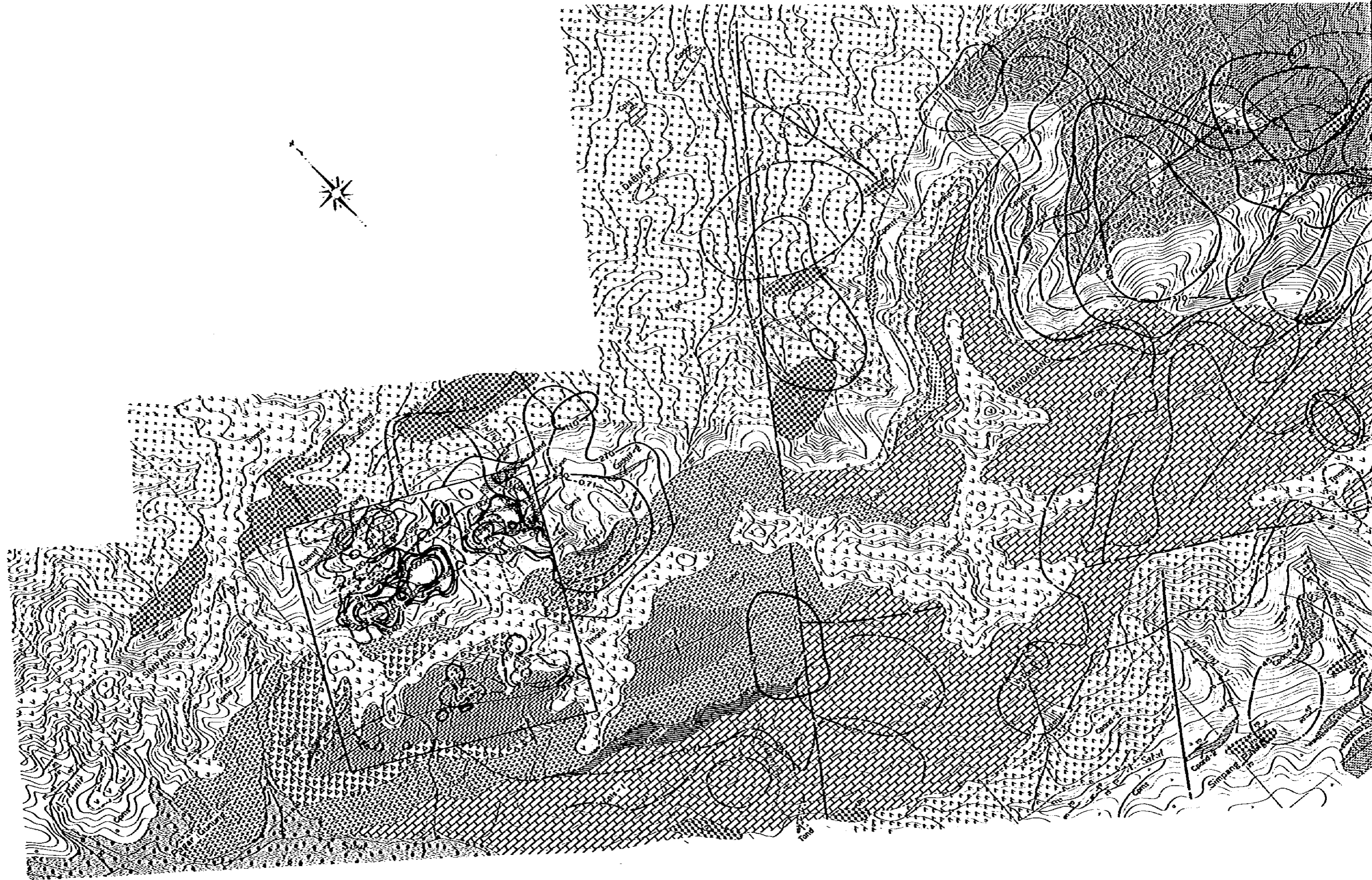
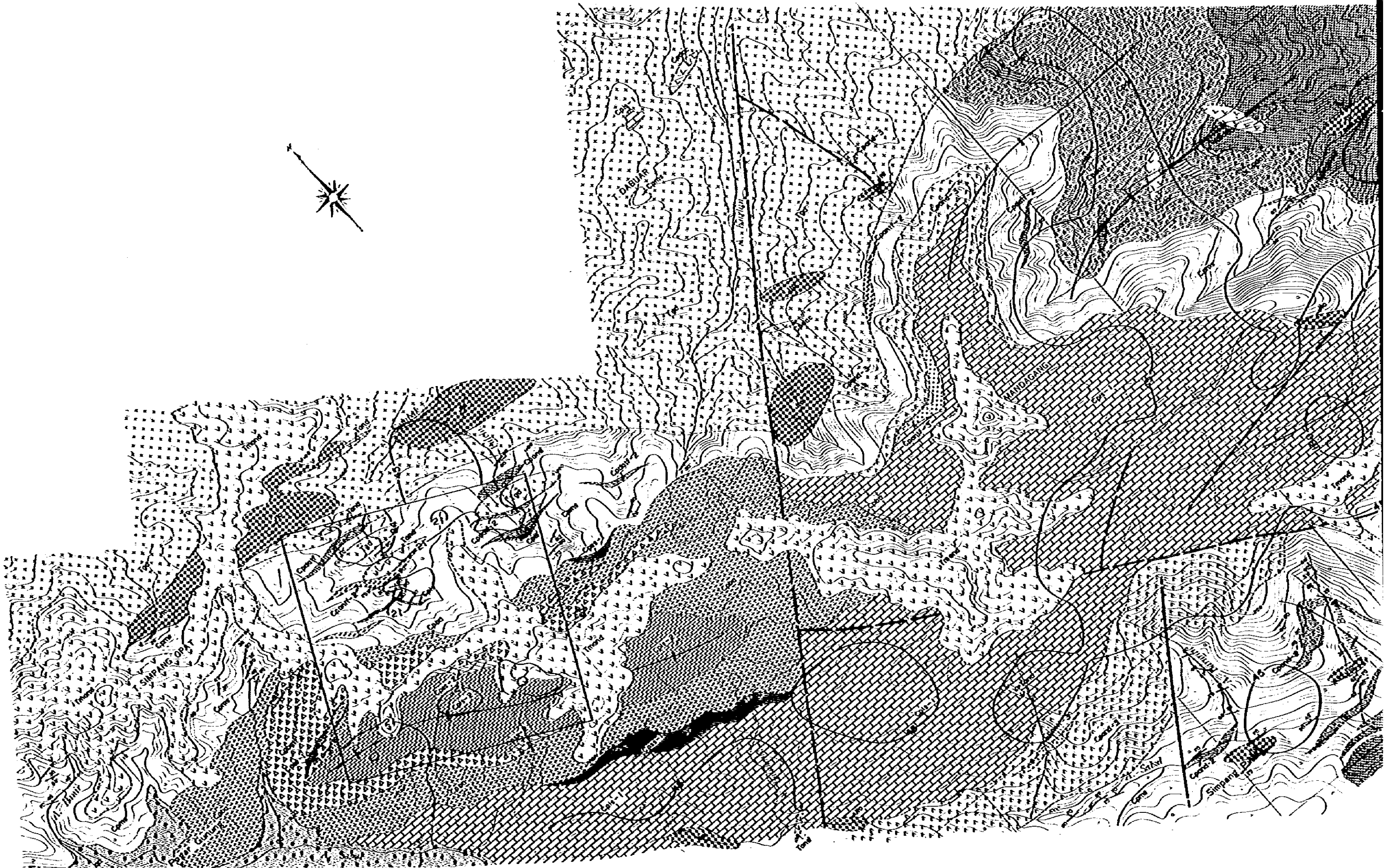
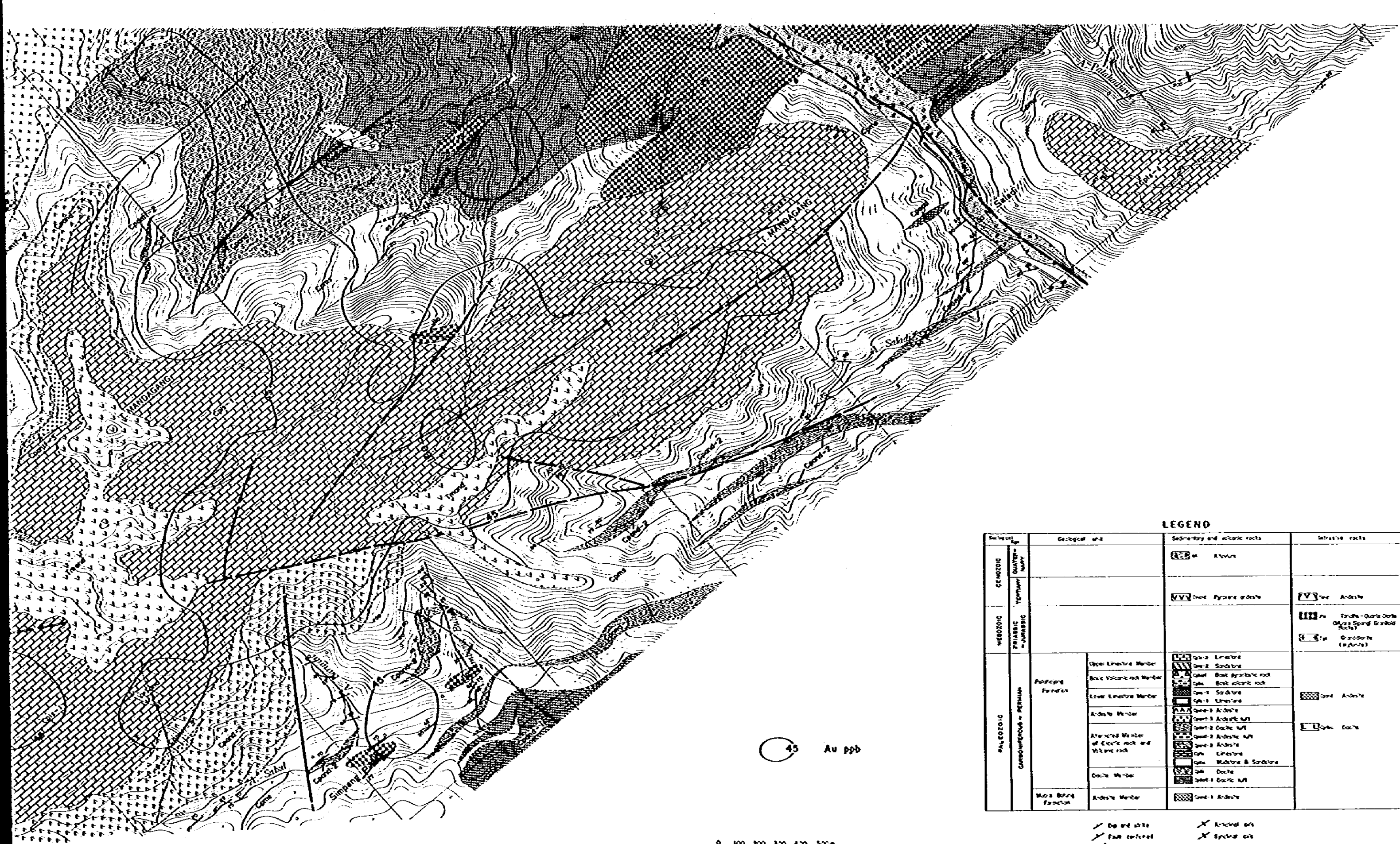


Fig. II-3-20 Cumulative Frequency Distribution of Geochemical Path-finder Elements, in Muara Spongi Area B









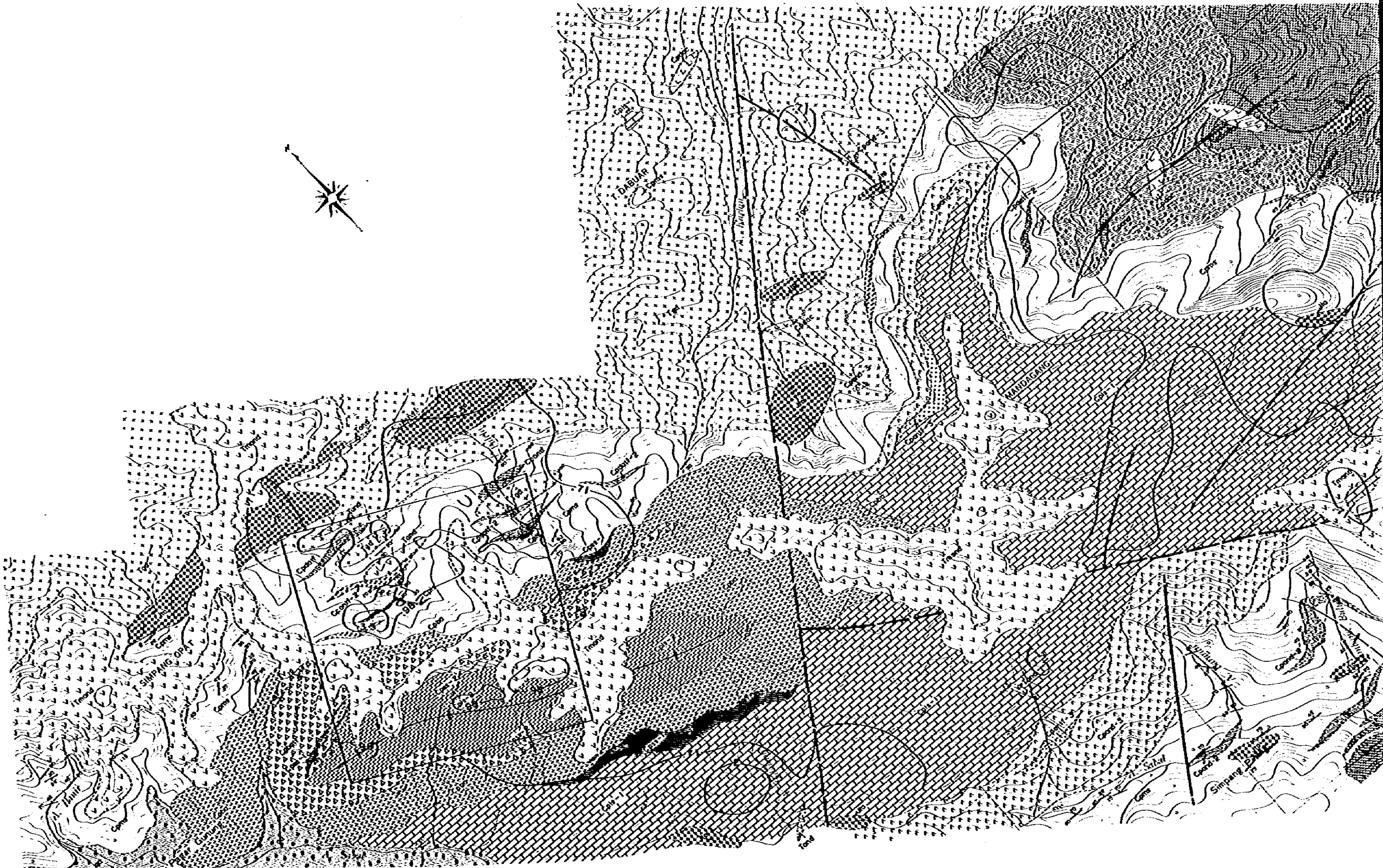
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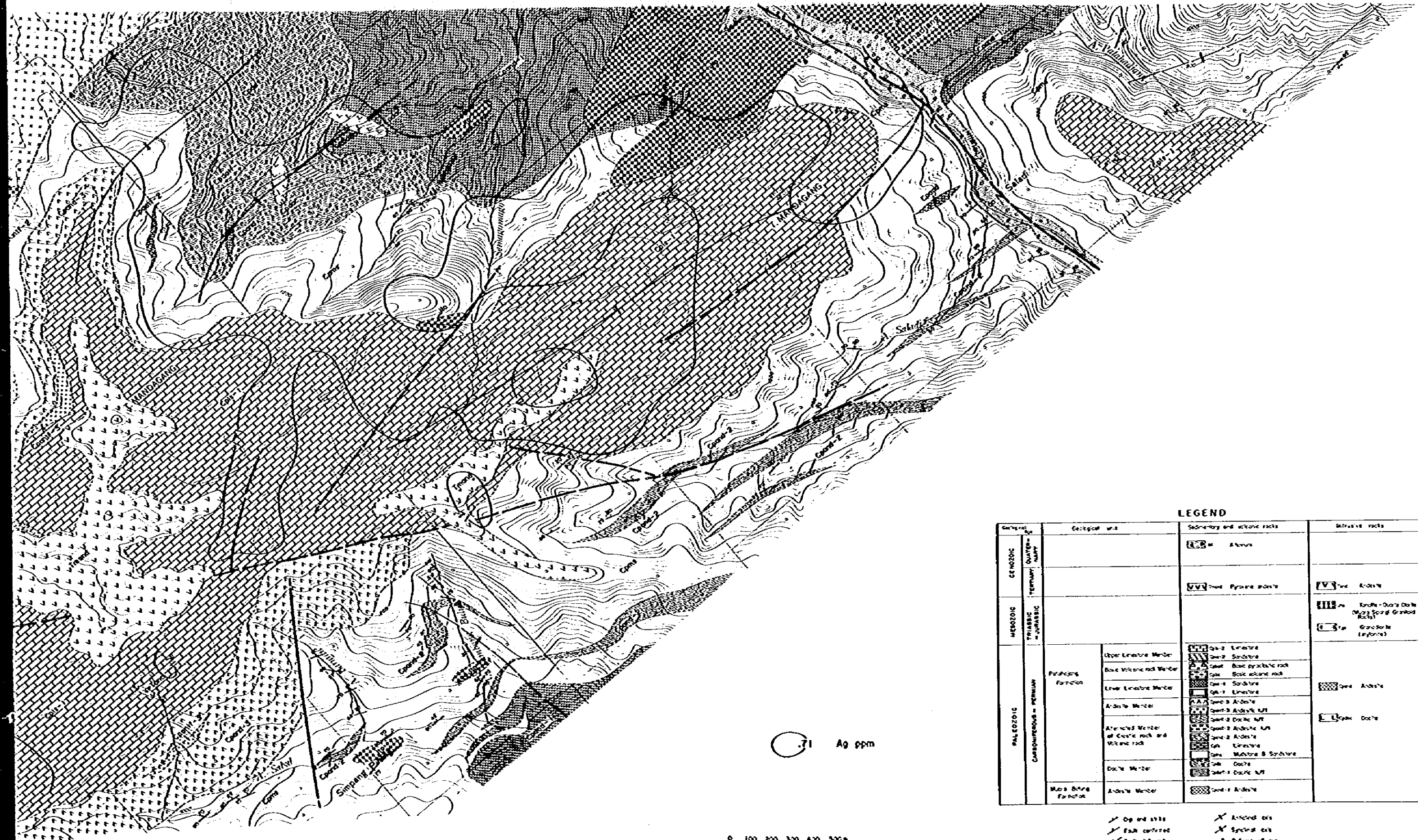
Geological unit	Sedimentary and volcanic rocks		Intrusive rocks
	Geological unit	Symbol	
CENOZOIC	QUATERNARY	Blank	
	TERTIARY	Blank	
MESOZOIC	TRIASSIC - JURASSIC		[Symbol] Andite [Symbol] Granite (dykes)
	PALEOZOIC CARBONIFEROUS - PERMIAN	Pondong Fondak	Upper Limestone Member
Basic Volcanic rock Member			[Symbol] Basalt [Symbol] Basalt andesitic rock
Lower Limestone Member			[Symbol] Limestone
Andite Member			[Symbol] Andite [Symbol] Andite sill
Altered Member of Eolic rock and Volcanic rock			[Symbol] Andite [Symbol] Limestone [Symbol] Mixture of Sandstone
Coche Member			[Symbol] Coche [Symbol] Coche sill
Musa Biring Tarsialok			[Symbol] Andite Member

- ✓ Dip and strike
- ✓ Fault centered
- ✓ Fault offset
- ✗ Arched line
- ✗ Symbol on
- Outcrop of ore

0 100 200 300 400 500m

Fig. II-3-22 Map of Geochemical Anomaly in Muara Sipongi Area B (Au)



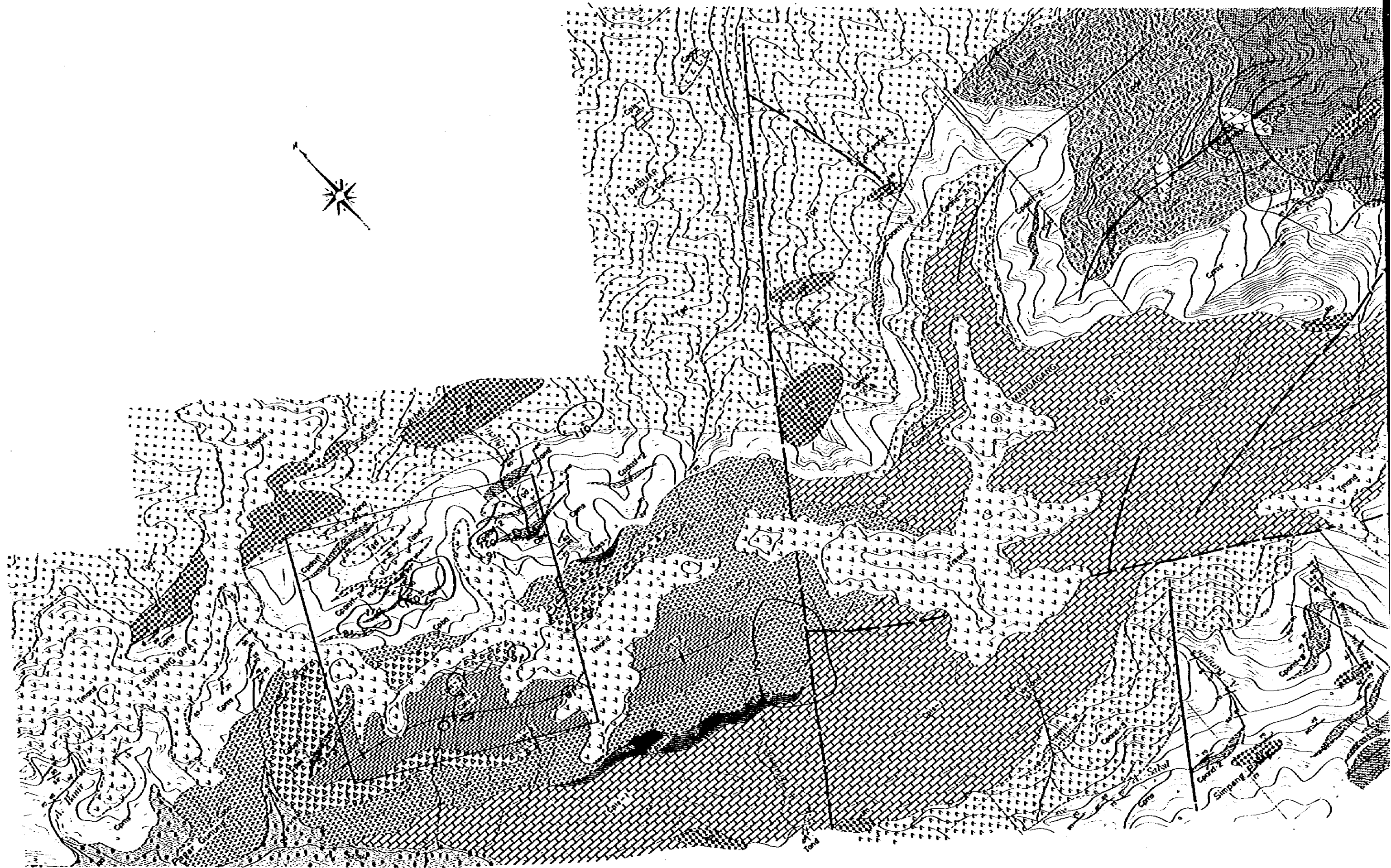


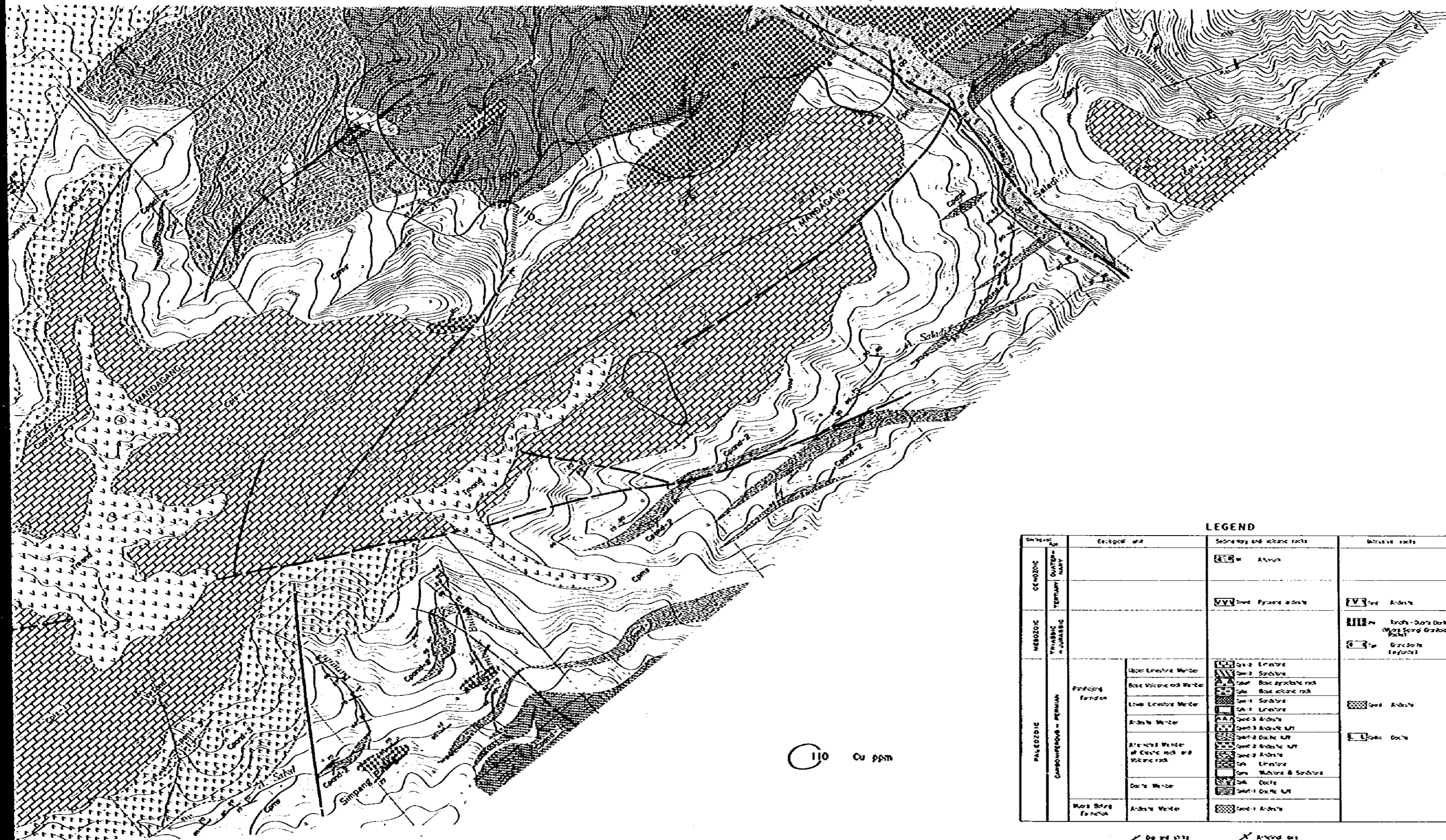
LEGEND

Geological unit		Geological unit	Secondary and volcanic rocks	Metavolcanic rocks
CE NOZIC	QUATERNARY		Qv-1 Alluvium	
	TERTIARY		T-1 Tuffe Pyroclastic andite	T-1 Andite
MESOZOIC	TRIASSIC - JURASSIC			M-1 Granite-Quartz Diorite (Mylonitic Granulite Rocks)
				M-2 Granite (Intrusive)
PALEOZOIC	CARBONIFEROUS - PERMIAN	Upper Limestone Member	Qp-2 Limestone	
		Lower Limestone Member	Qp-1 Sandstone	
		Andite Member	Qa-1 Andite	Qa-1 Andite
		Altered Member of Andite rock and Volcanic rock	Qa-2 Andite	
		Andite Member	Qa-3 Andite	
		Andite Member	Qa-4 Andite	
		Andite Member	Qa-5 Andite	
		Andite Member	Qa-6 Andite	
		Andite Member	Qa-7 Andite	
		Andite Member	Qa-8 Andite	
Andite Member	Qa-9 Andite			
Andite Member	Qa-10 Andite			
Andite Member	Qa-11 Andite			
Andite Member	Qa-12 Andite			
Andite Member	Qa-13 Andite			
Andite Member	Qa-14 Andite			
Andite Member	Qa-15 Andite			
Andite Member	Qa-16 Andite			
Andite Member	Qa-17 Andite			
Andite Member	Qa-18 Andite			
Andite Member	Qa-19 Andite			
Andite Member	Qa-20 Andite			
Andite Member	Qa-21 Andite			
Andite Member	Qa-22 Andite			
Andite Member	Qa-23 Andite			
Andite Member	Qa-24 Andite			
Andite Member	Qa-25 Andite			
Andite Member	Qa-26 Andite			
Andite Member	Qa-27 Andite			
Andite Member	Qa-28 Andite			
Andite Member	Qa-29 Andite			
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Andite Member	Qa-31 Andite			
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Andite Member	Qa-96 Andite			
Andite Member	Qa-97 Andite			
Andite Member	Qa-98 Andite			
Andite Member	Qa-99 Andite			
Andite Member	Qa-100 Andite			

/ Dip and strike / Axial fold axis
 / Fault centered / Synclinal axis
 / Fault offset / Offset of axis

Fig. 11-3-23 Map of Geochemical Anomaly in Muara Sipongi Area B (Ag)





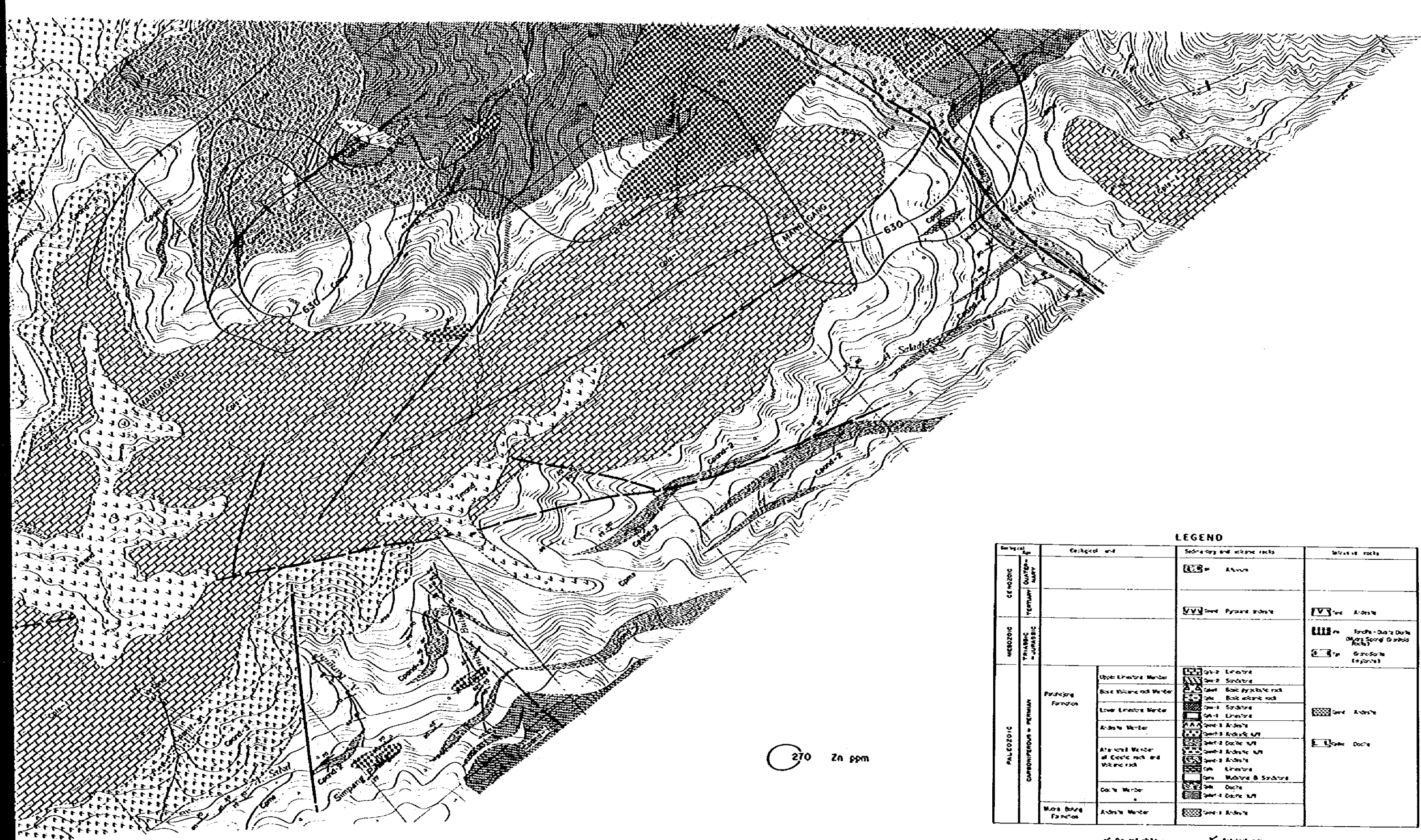
LEGEND

Cenozoic		Geological unit		Secondary and volcanic rocks		Intrusive rocks	
CENOZOIC	QUATERNARY			[Symbol] Alluvium			
		TERMIAN			[Symbol] Sand Pyroclastic ash		[Symbol] Andesite
MESOZOIC	TRIASSIC - JURASSIC						[Symbol] Trachyte-Diabase Dark (Mesa Spong Graben Pocket)
				[Symbol] Granite (Enfote)			
PALEOZOIC	CARBONIFEROUS - PERMIAN	Panghaja Formation	Upper Limestone Member	[Symbol] Sandstone			
			Base Volcanic rock Member	[Symbol] Basic pyroclastic rock			
				[Symbol] Basic volcanic rock			
			Lower Limestone Member	[Symbol] Sandstone			
		Andesite Member	[Symbol] Andesite		[Symbol] Andesite		
			[Symbol] Andesite MP				
		Andesite Member of Classic rock and volcanic rock	[Symbol] Andesite MP				
			[Symbol] Andesite MP				
Dacite Member	[Symbol] Limestone						
	[Symbol] Mixture of Sandstone						
Mura Spong Formation	Andesite Member	[Symbol] Dacite		[Symbol] Dacite			
		[Symbol] Dacite MP					

- [Symbol] Do not site
- [Symbol] Fault concealed
- [Symbol] Fault break
- [Symbol] Arched axis
- [Symbol] Synclinal axis
- [Symbol] Circle of axis

0 100 200 300 400 500m

Fig. 11-3-24 Map of Geochemical Anomaly in Muara Spong Area B (Cu)



LEGEND

Geological Age	Geological unit	Secondary and volcanic rocks	Intrusive rocks
CE NOZIC	QUATERNARY	Q1a Alluvial	
	TERCIARY	T1a Tuffe Andesite	T1a Tuffe Andesite
MEZEOZIC	TRIASSIC - JURASSIC		J1a Tuffe - Datar Dark (Major Sengul Graben Rock)
			J2a Granite (engjor)
PALEOZOIC	CARBONIFEROUS - PERMIAN	Q1-2 Limestone	
		Q1-2 Sandstone	
		Q1a1 Basic pyroclastic rock	
		Q1a2 Basic volcanic rock	
		Q1-1 Sandstone	
		Q1-1 Limestone	
		Q1-1 Andesite	
		Q1-2 Andesite tuff	
		Q1-2 Andesite tuff	
		Q1-2 Andesite tuff	
Q1-1 Andesite			
Q1-1 Limestone & Sandstone			
Q1-1 Dacite			
Q1-1 Dacite tuff			
			Q1-1 Dacite
Mesa Bona Function	Andesite Member	Q1-1 Andesite	

- Diagonal lines / Dip and strike
- Double line // Fault contact
- Single line - Fault interval
- X Andesite cone
- X Symmetrical cone
- Circle with dot O Outcrop of ore

0 100 200 300 400 500m

Fig. II-3-26 Map of Geochemical Anomaly in Muara Sipongi Area B (Zn)

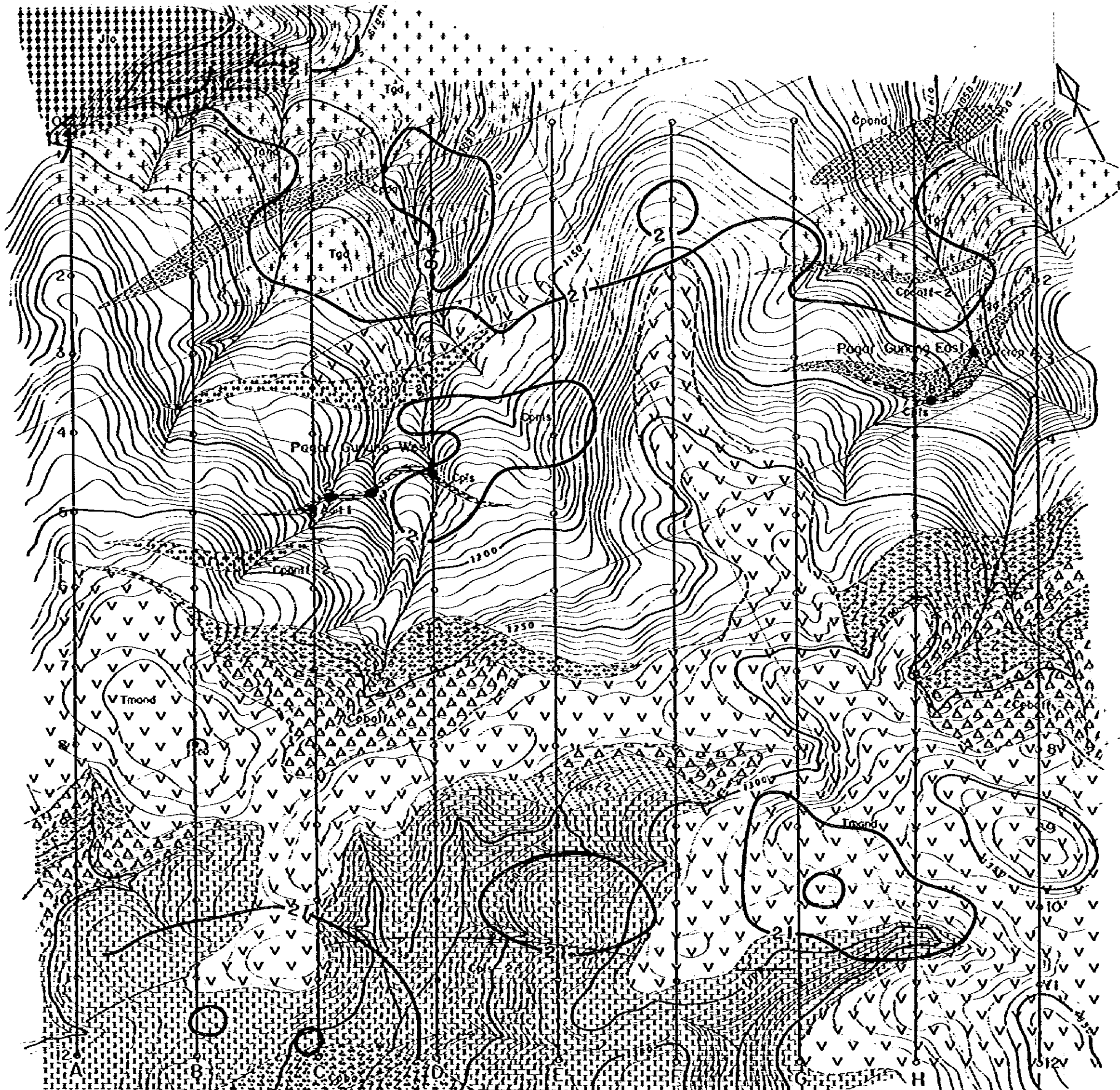


Fig. II-3-28 Map of Geochemical Anomaly in Pagar Gunung Ore Deposit Area, Huara Sipongi Area B (Au)

21 Au ppb

Scale 1:5,000
0 100 200 300 400m

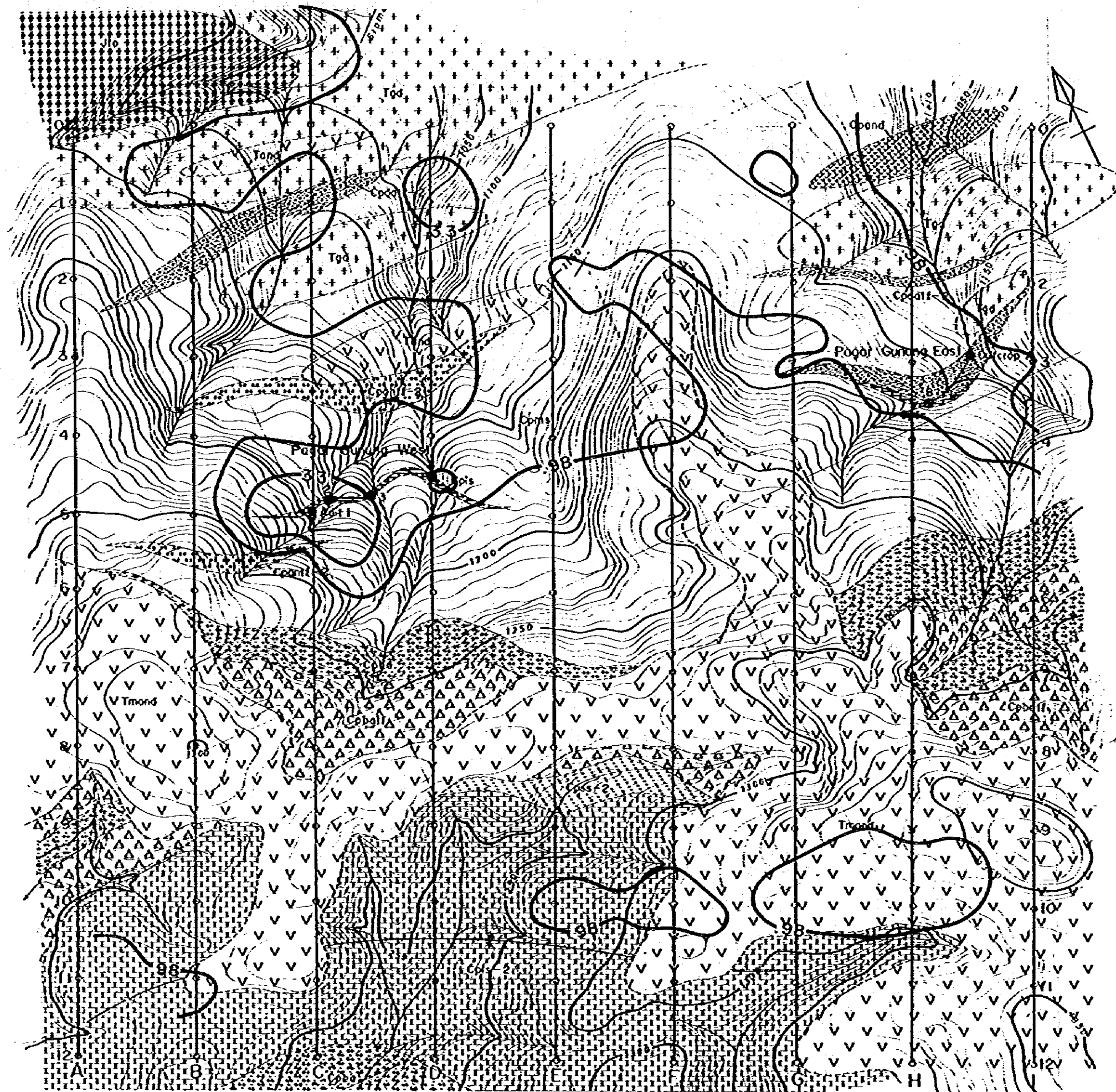
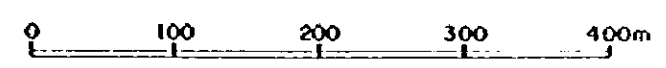


Fig. II-3-29 Map of Geochemical Anomaly in Pagar Gunung Ore Deposit Area, Huara Sipengi Area B (Ag)

98 Ag ppm

Scale 1:5,000



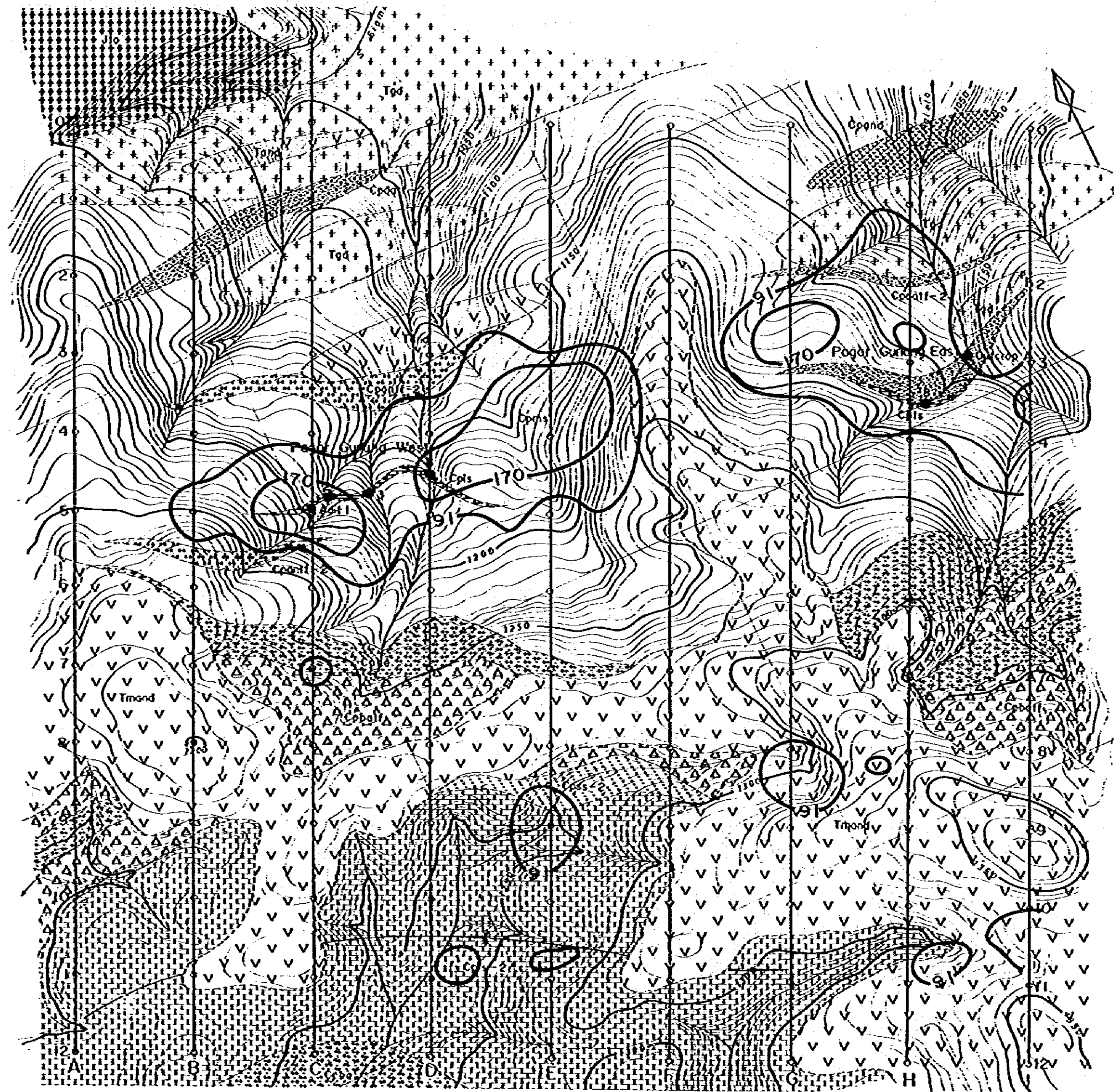
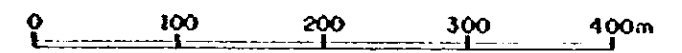


Fig. 11-3-30 Map of Geochemical Anomaly in Pagar Gunung Ore Deposit Area, Huara Sipongi Area B (Cu)

91 Cu ppm

Scale 1:5,000



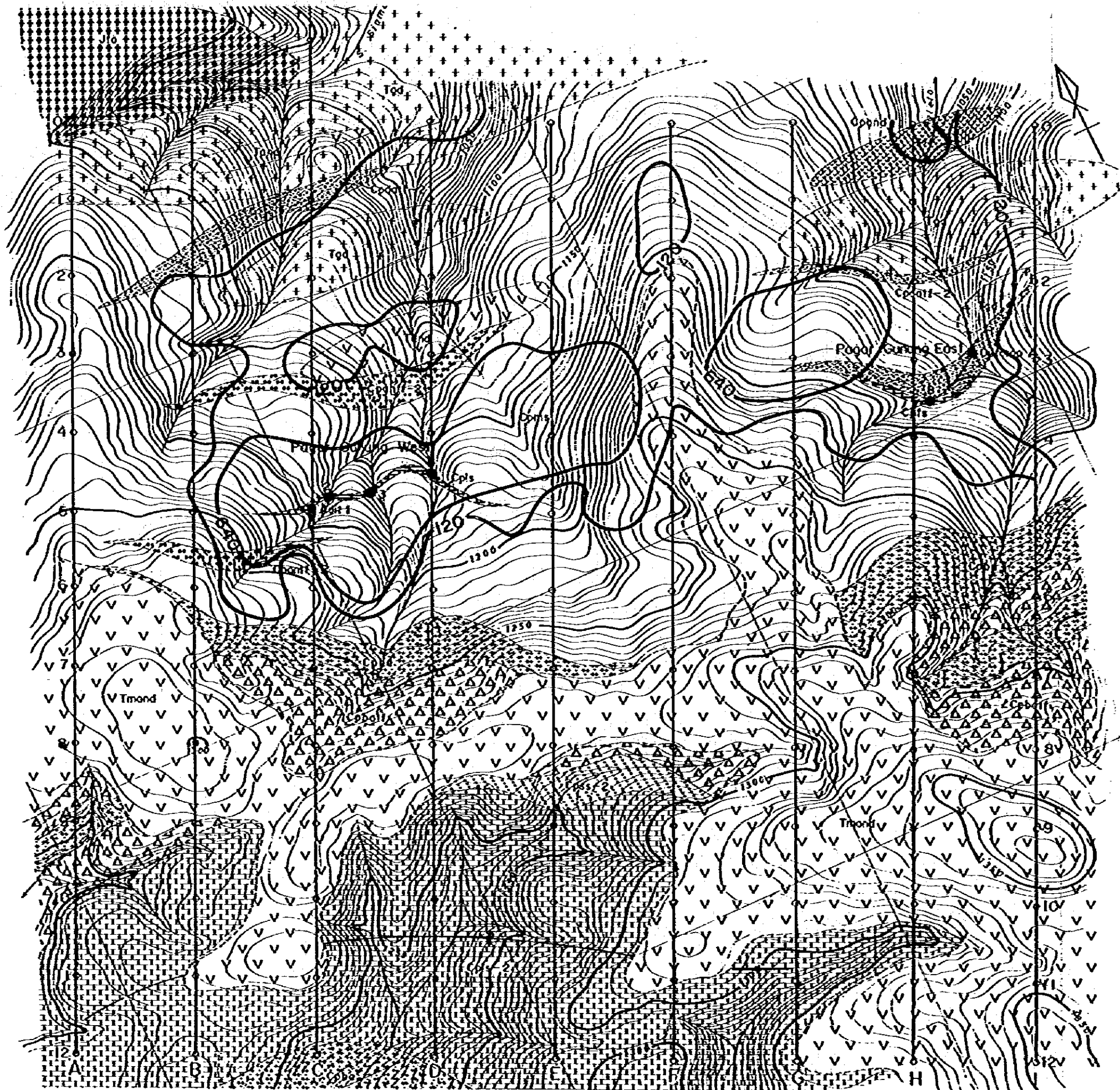
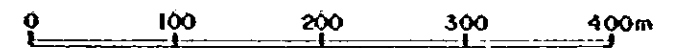


Fig. II-3-31 Map of Geochemical Anomaly in Pagar Gunung Ore Deposit Area, Muara Sipongi Area B (Pb)

○ 120 Pb ppm

Scale 1:5,000



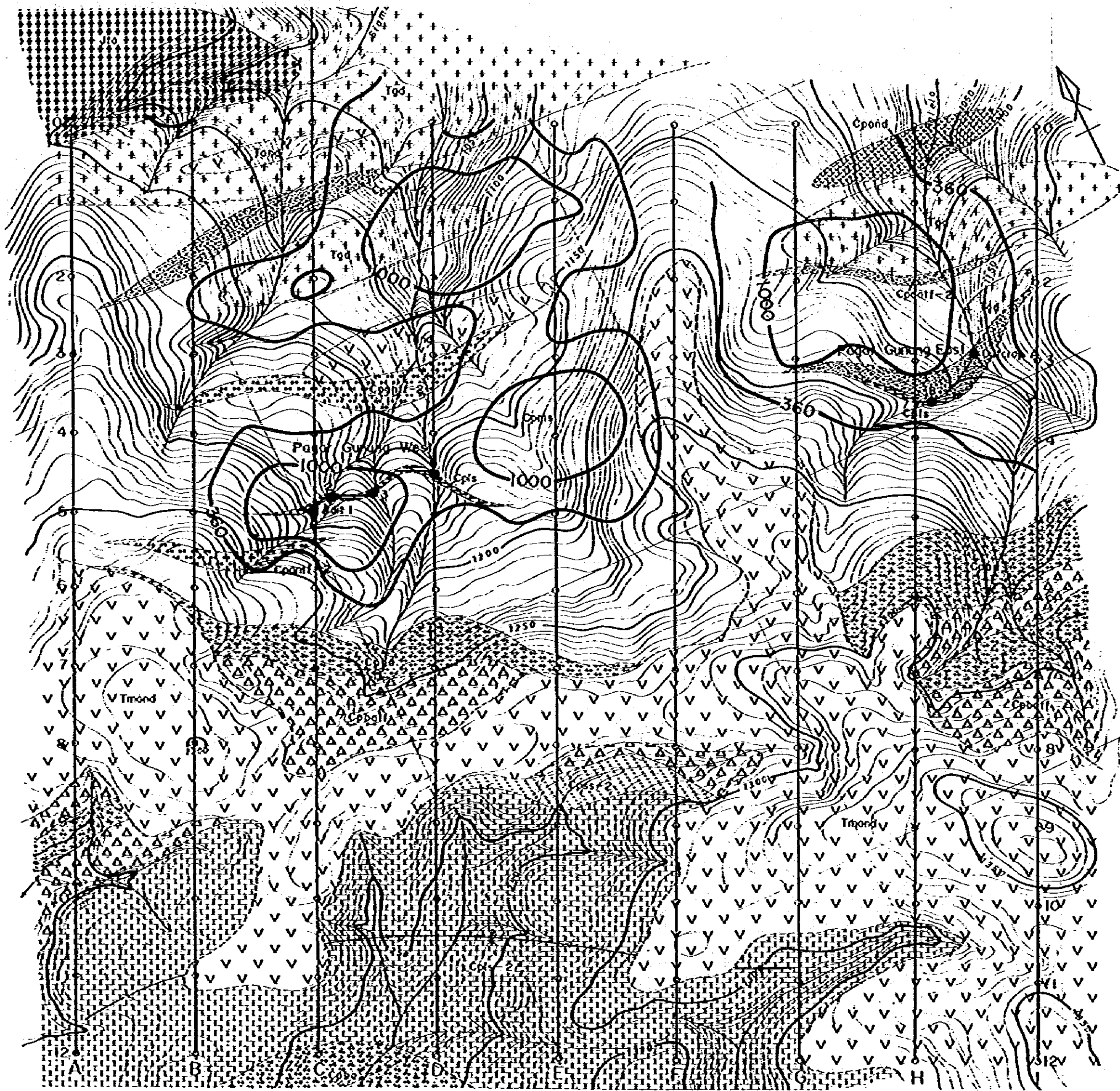


Fig. 11-3-32 Map of Geochemical Anomaly
in Pagar Gunung Ore Deposit Area,
Huara Sipongi Area F. (Zn)

360 Zn ppm

Scale 1:5,000
0 100 200 300 400m

