

**Appendix 4 X-Ray Diffraction Chart**

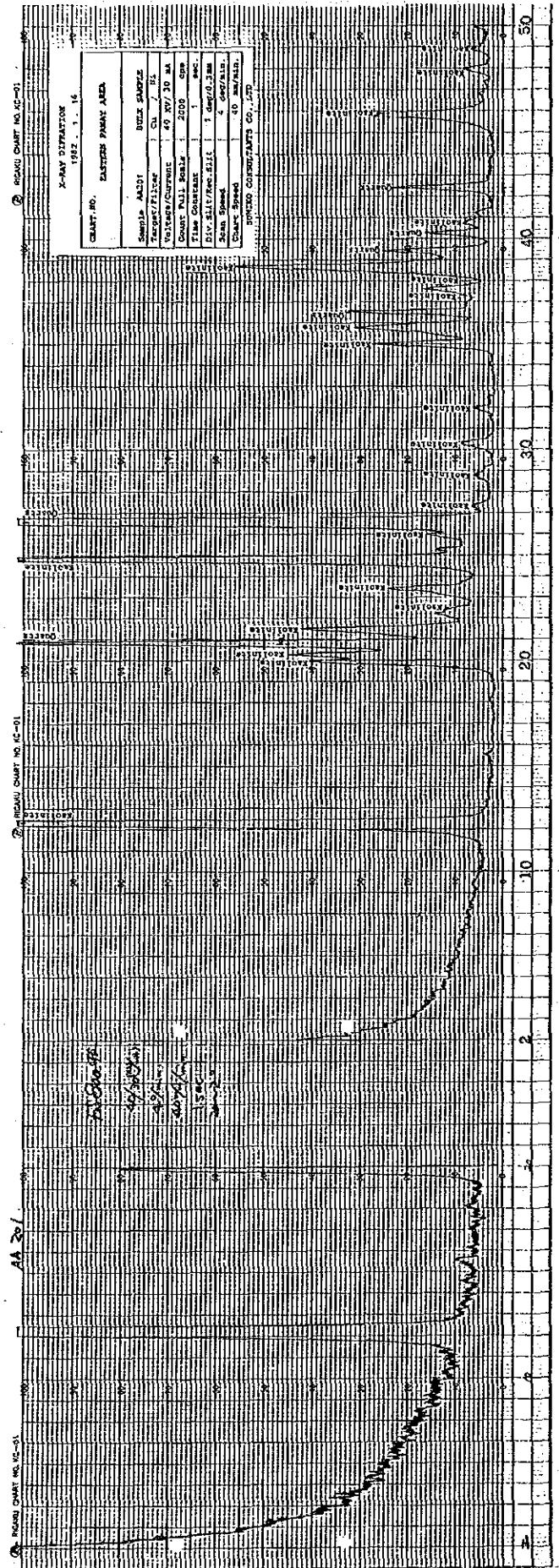


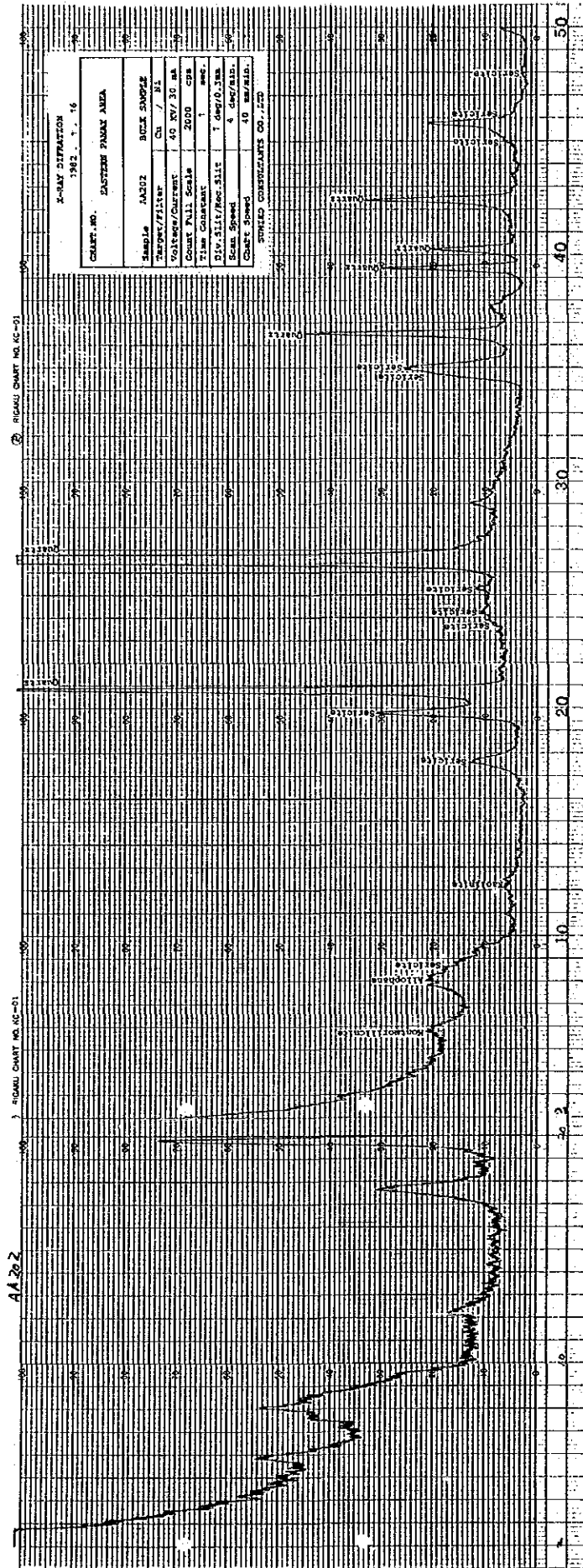
X-Ray Diffraction (Eastern Panay Area)

Sample No.	Quartz	Kaolinite	Sericite	Montmorillonite	Clinoptilolite (Zeolite)	Remarks
AA201	⊙	⊙				
AA202	⊙	●	△	△		Ser/Mont. Mixed layer? Allohane?
AA203	○	○				
AA204	○			△	●?	
AA205		○		●		

Amount

⊙ : Abundant  
 ○ : Medium  
 △ : Small  
 ● : Rare  
 ? : Uncertain





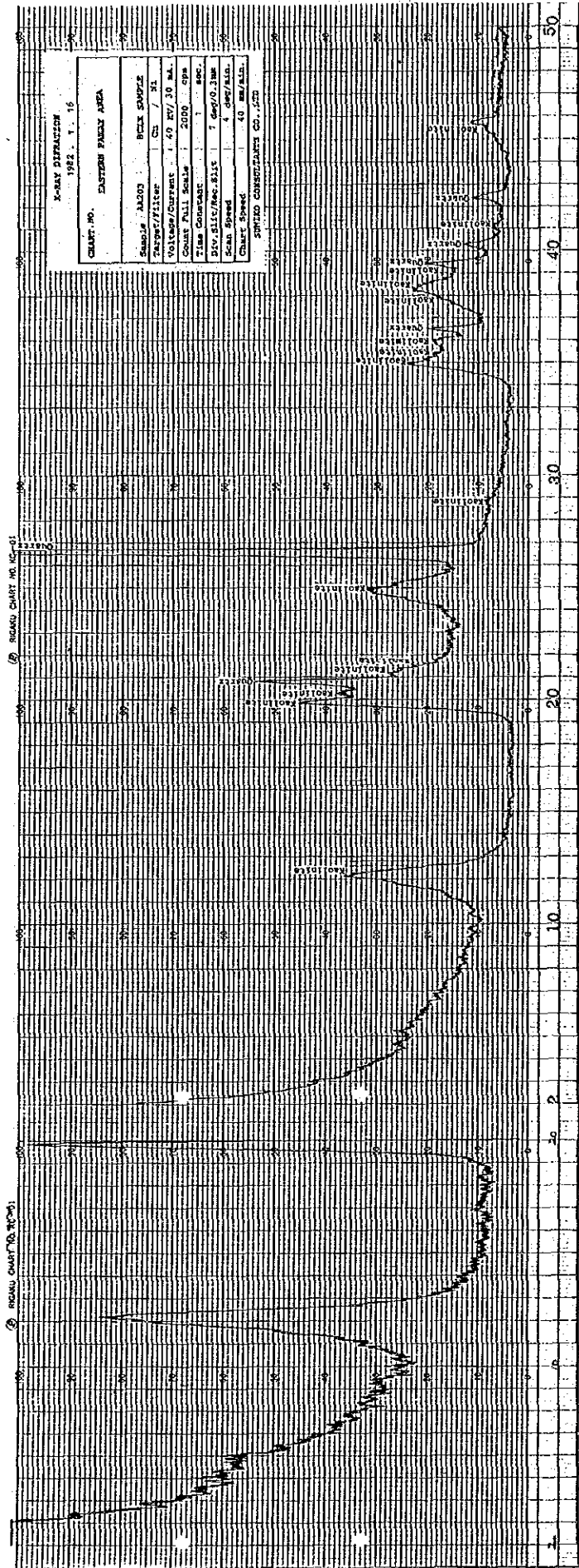
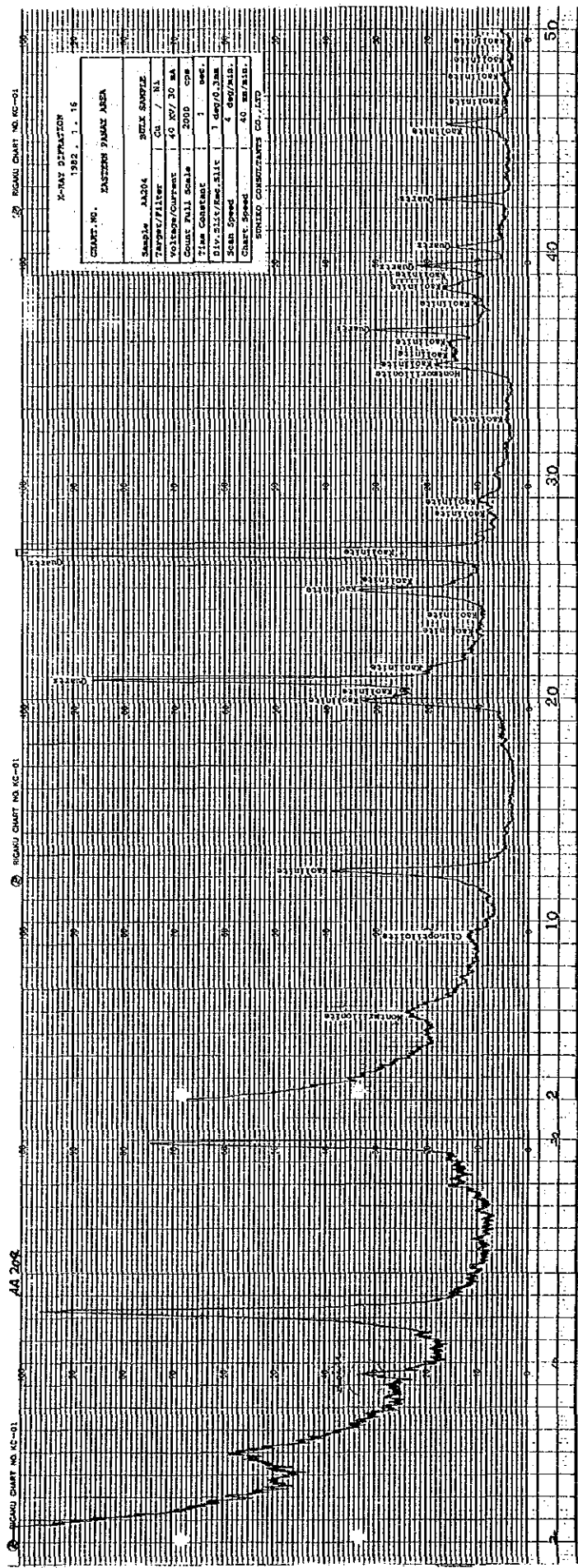


CHART NO. 10287  
 X-RAY DIFFRACTION  
 1962. Y. 16  
 EASTERN FAMILY AREA  
 SAMPLE: M200  
 TARGET/FILTER: Cu / Ni  
 Voltage/Current: 40 KV/30 MA  
 COUNT FULL SCALE: 2000 cps  
 TIME CONSTANT: 1 sec.  
 DIV. 515/REV. 515: 1 cm/0.3mm  
 SCAN SPEED: 4 deg/min.  
 CHART SPEED: 40 mm/min.  
 SUPPLIES CONSTANT: CO. 520



REDAU CHART NO. KC-01

REDAU CHART NO. KC-01

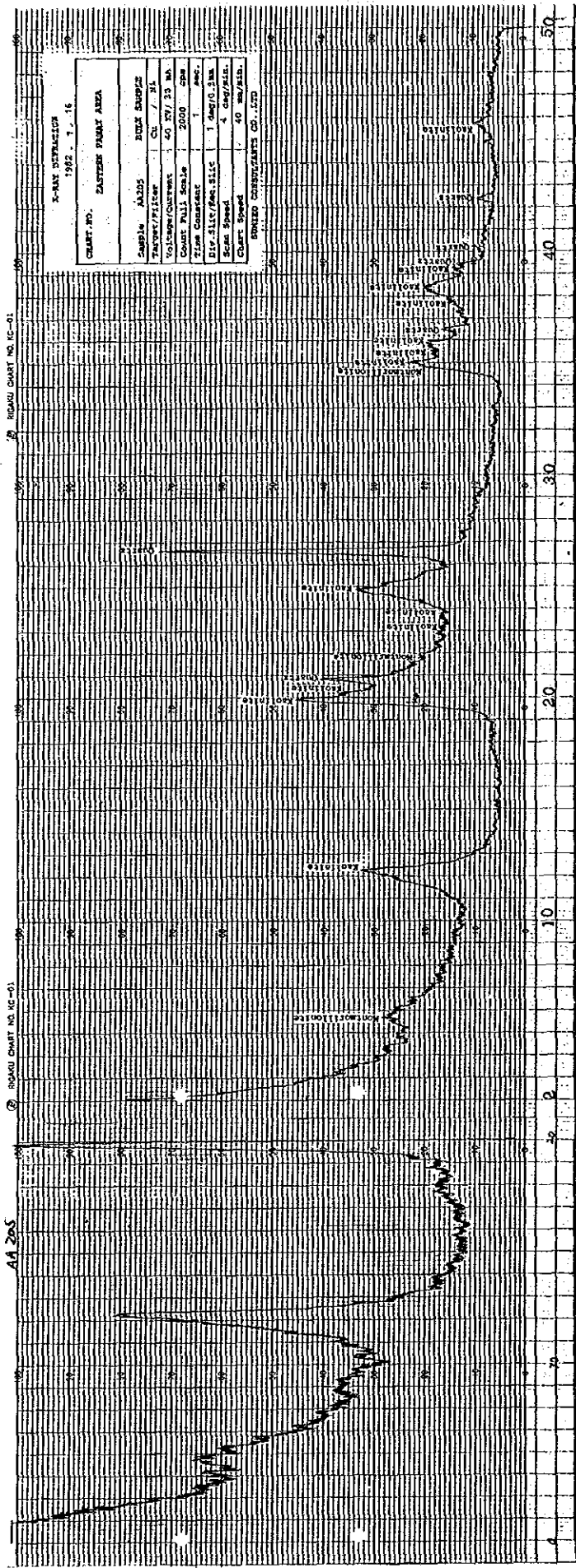
AA 20S

3-MAN DEPARTURE  
1962 . 7 . 16

CHART NO. ZASTERS PANKY AREA

Sample	AL2O3	RDXR	EMPHIZ
Transfer/Filter	CU	/	214
VOLTAGES/CONSTANTS	40 KV	/	33 MA
COUNT FULL SCALE	2000	CON	
FILM COMPENSATION	1	CON	
DIV. SLIT/RES. SLIT	1	MM/0.2MM	
Scan Speed			4 CM/MIN.
Chart Speed			40 MM/MIN.

BRUNNEN CONSULTANTS CO., LTD



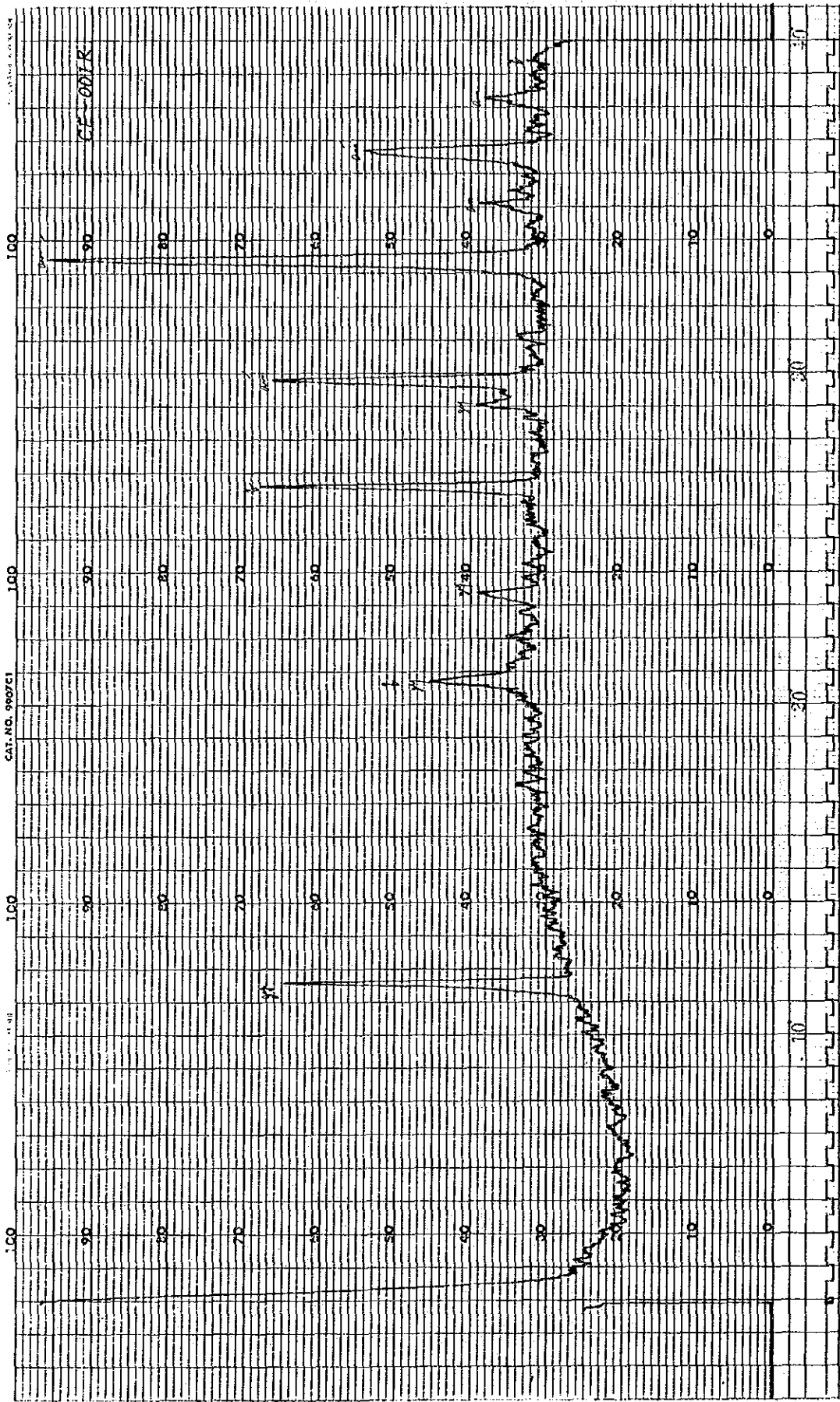


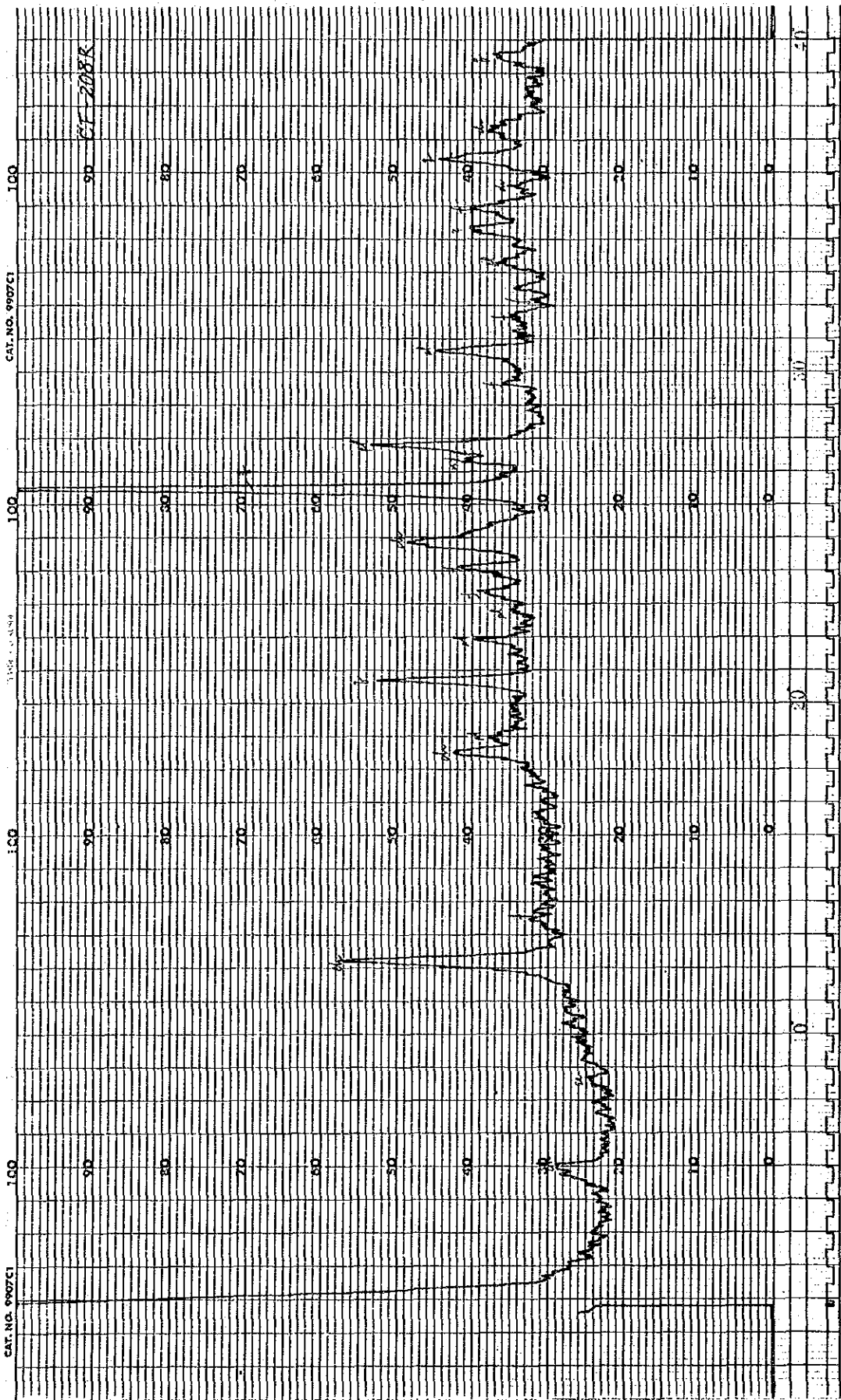
Summarized Table of X-Ray Diffraction Analysis

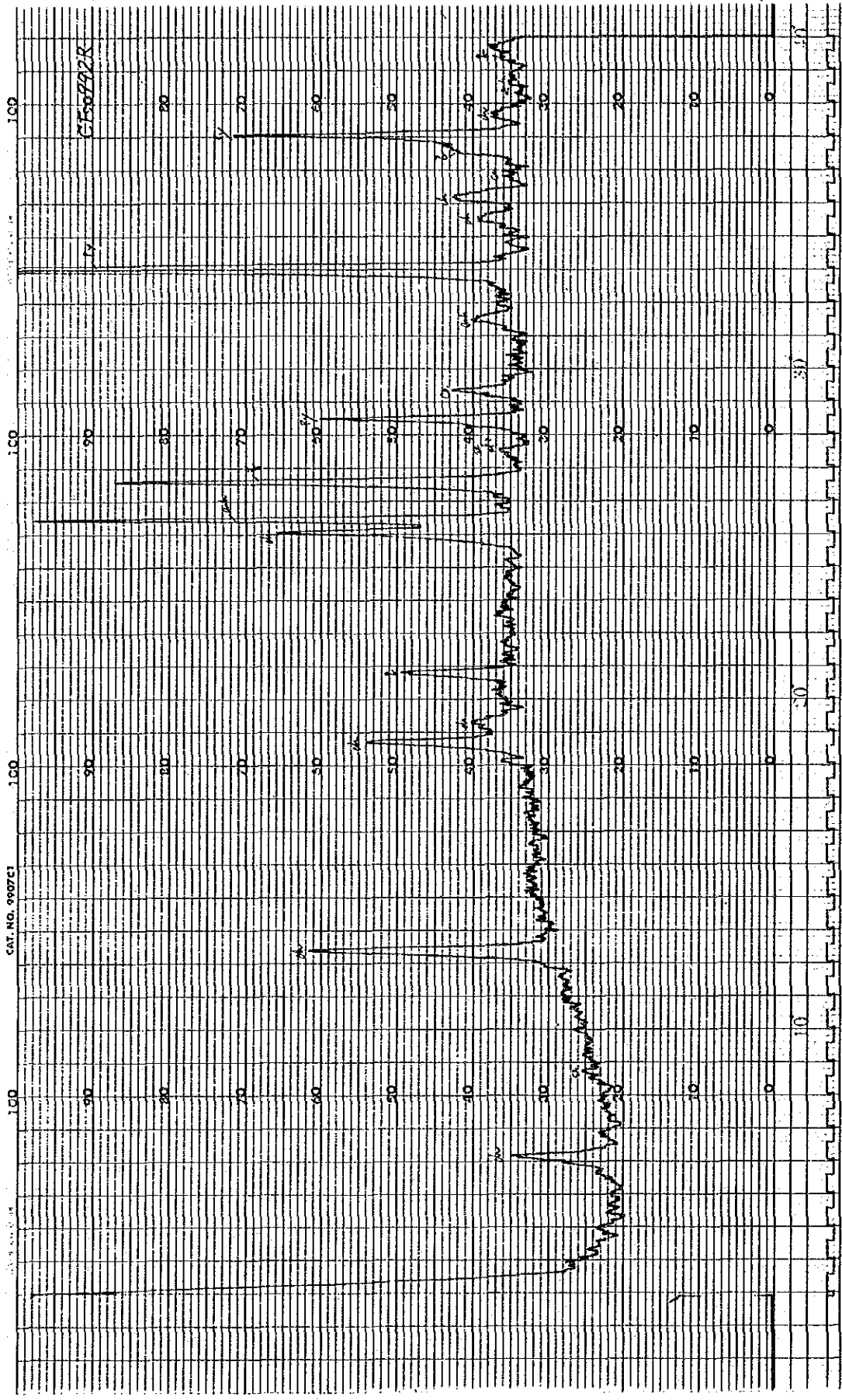
	q	kf	pl	m	ch	se	k	al	gy	ca	la	anh	an	py	Remark
CF-001R	○								○				○		
CF-208R	◎	°	°		○	°									
CF-992R	○				○	°				°		○		◎	
CF-993R		°	○	○			°				°				
CF-994R	°	○	◎	○			°			°	°				
CF-995R	◎	°				°	°	°						°	
CF-005R	◎				○	○								°	

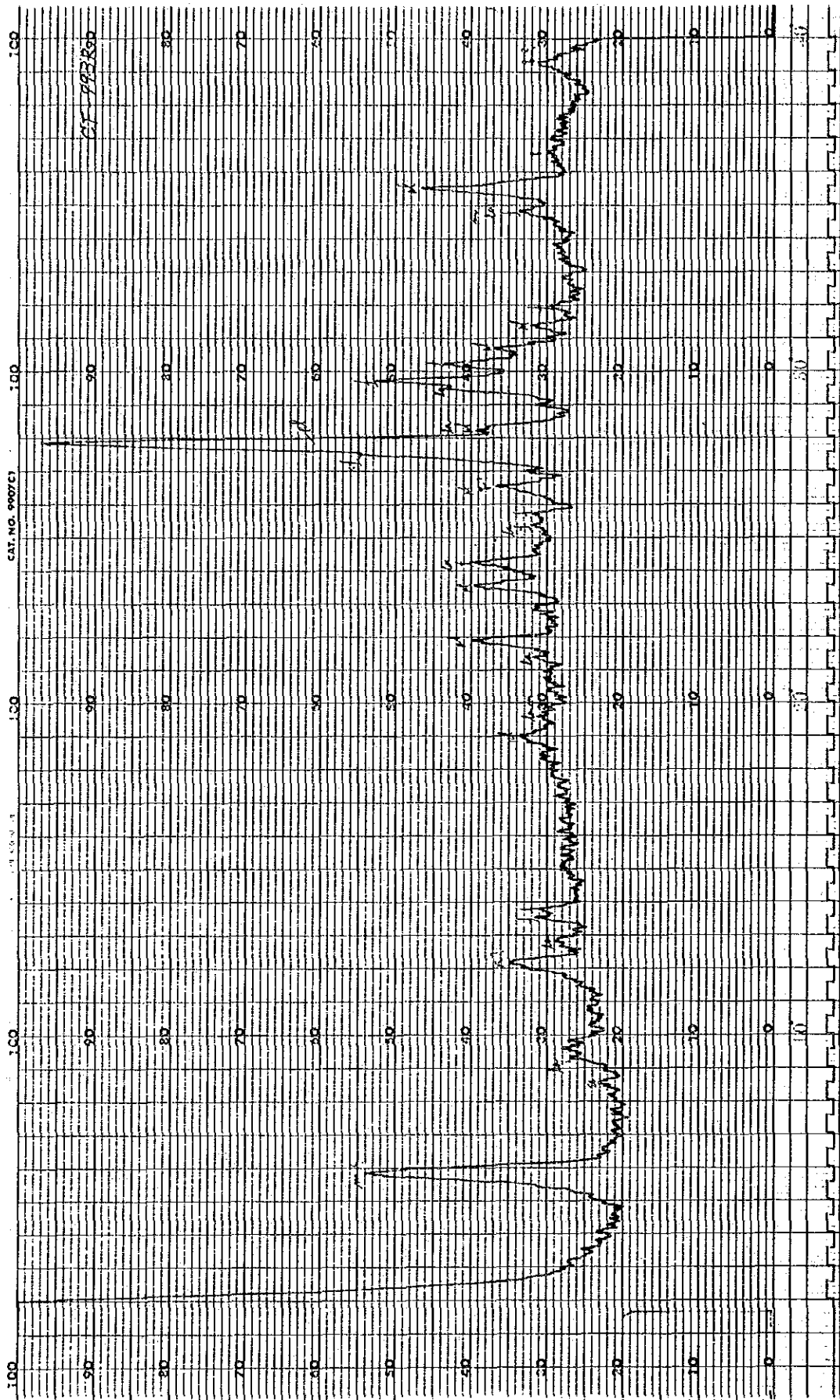
q : Quartz  
 kf : K-Feldspar  
 pl : Plagioclase  
 m : Montmollironite  
 ch : Chlorite  
 se : Sericite  
 k : Kaoline  
 al : Alunite  
 gy : Gypsum  
 Ca : Calcite  
 la : Laumontite  
 anh: Anhydrite  
 an : Andradite  
 py : Pyrite

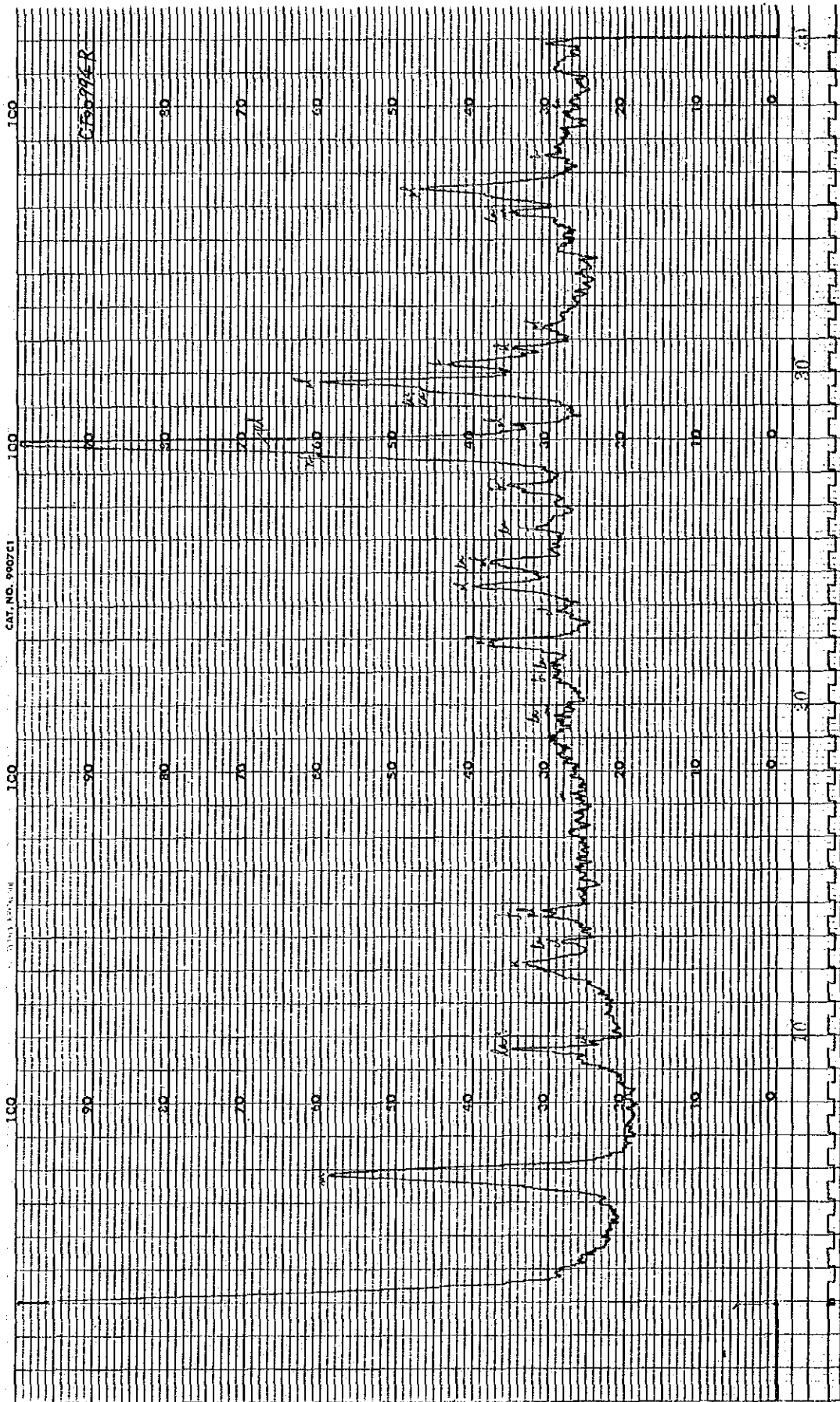
◎ : Abundant  
 ○ : Medium  
 ° : Small  
 . : Rare

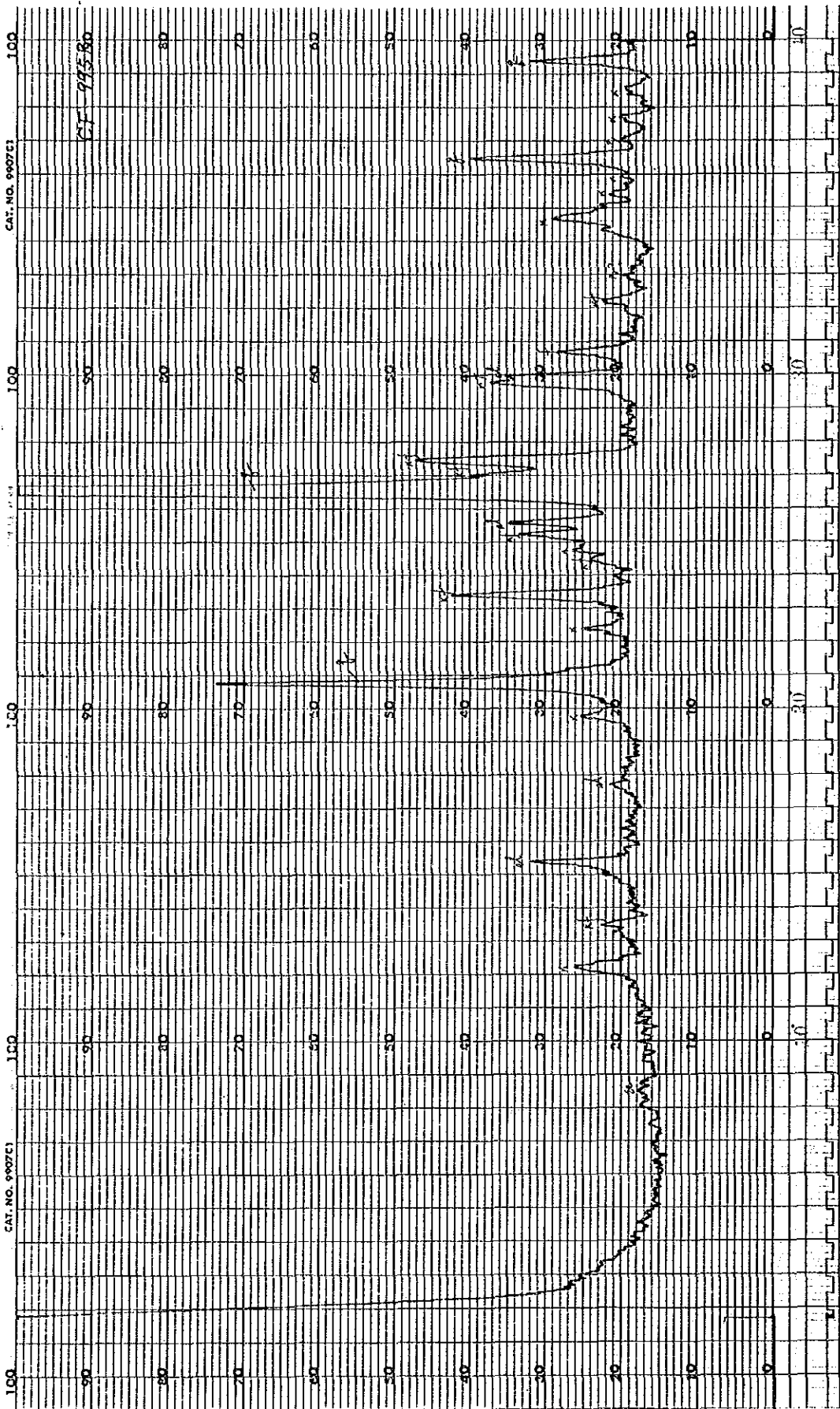


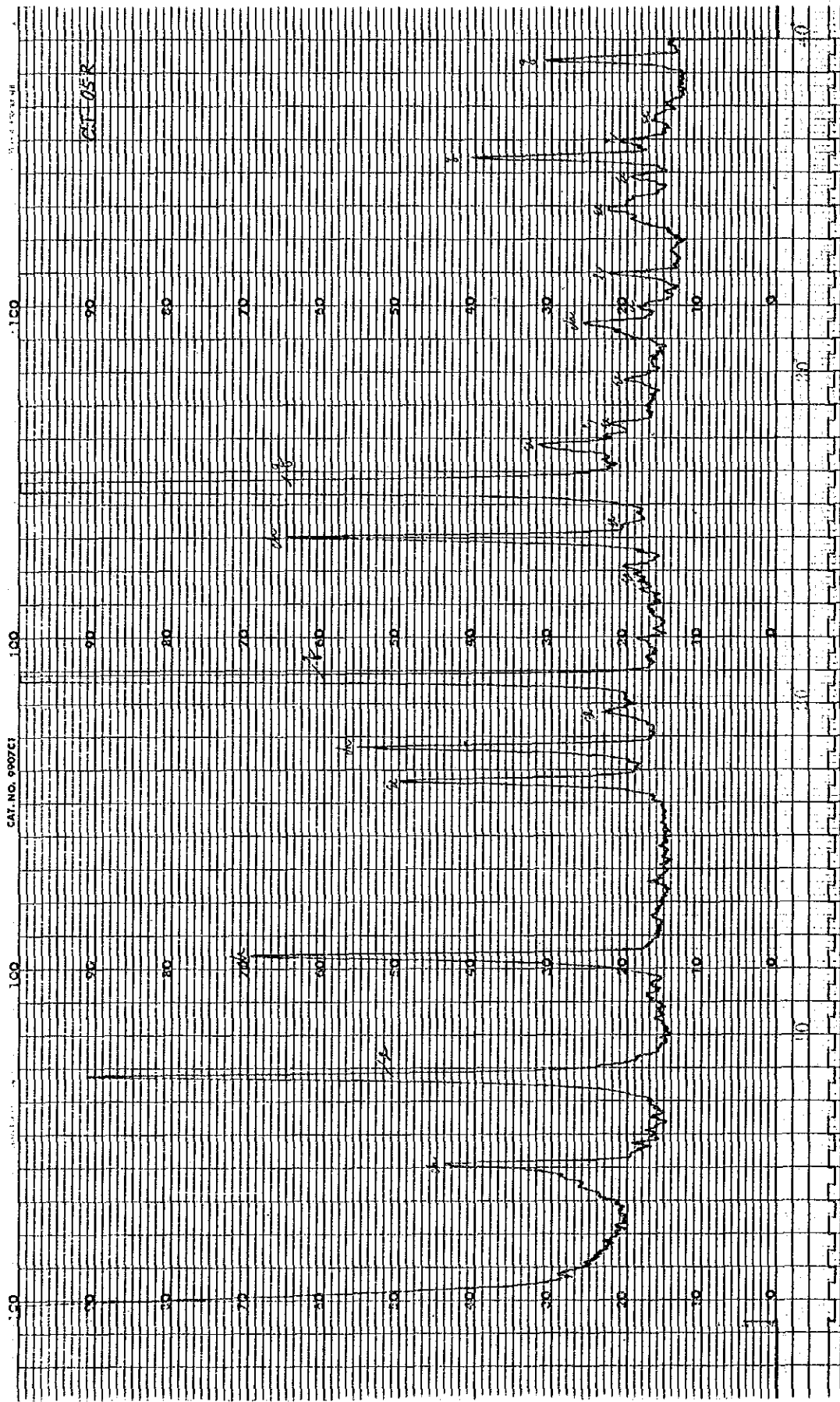






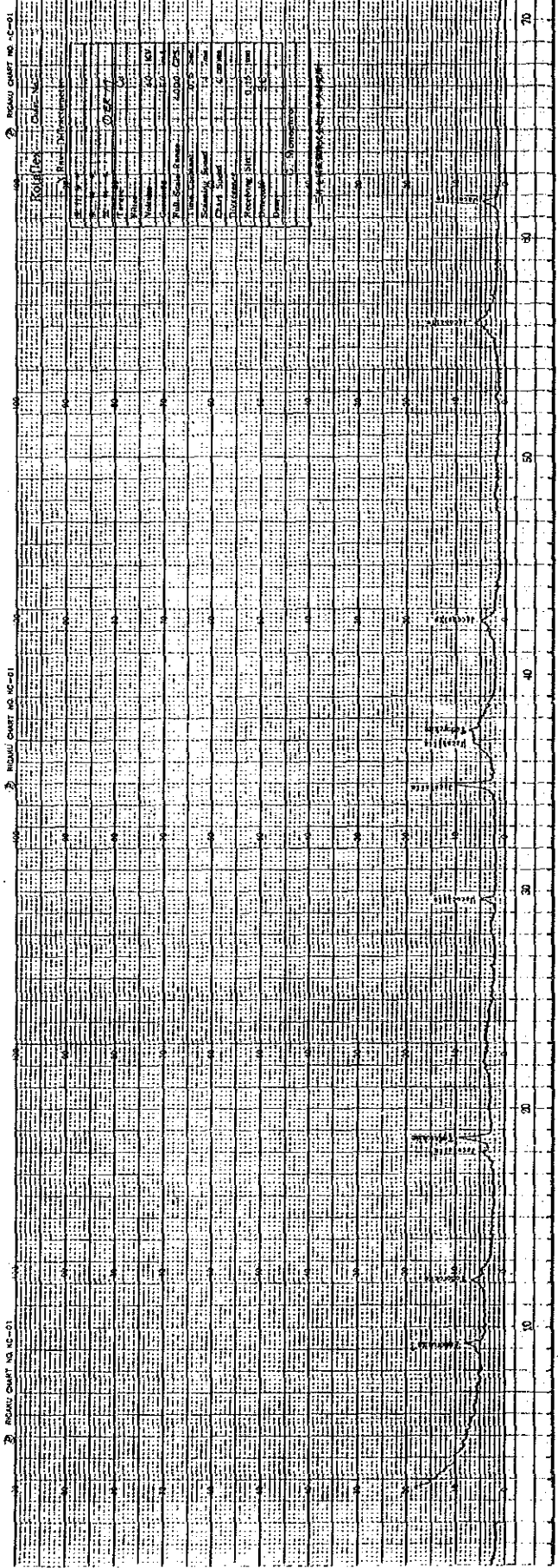


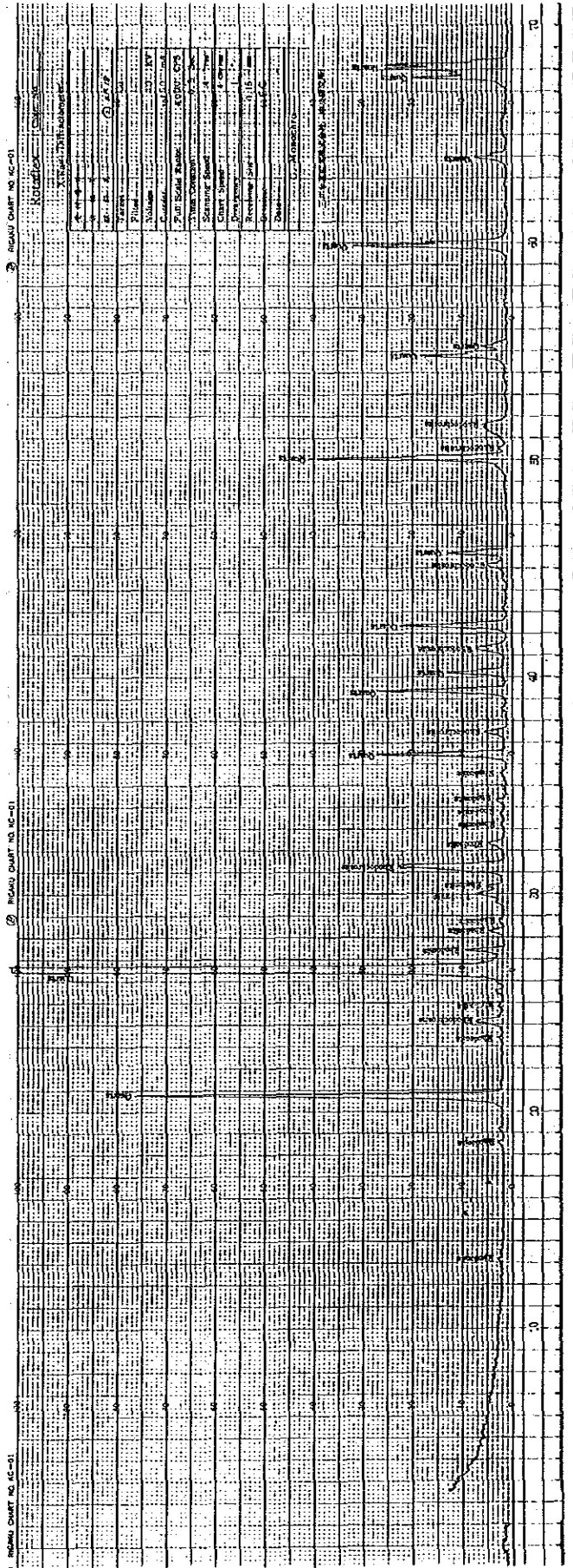


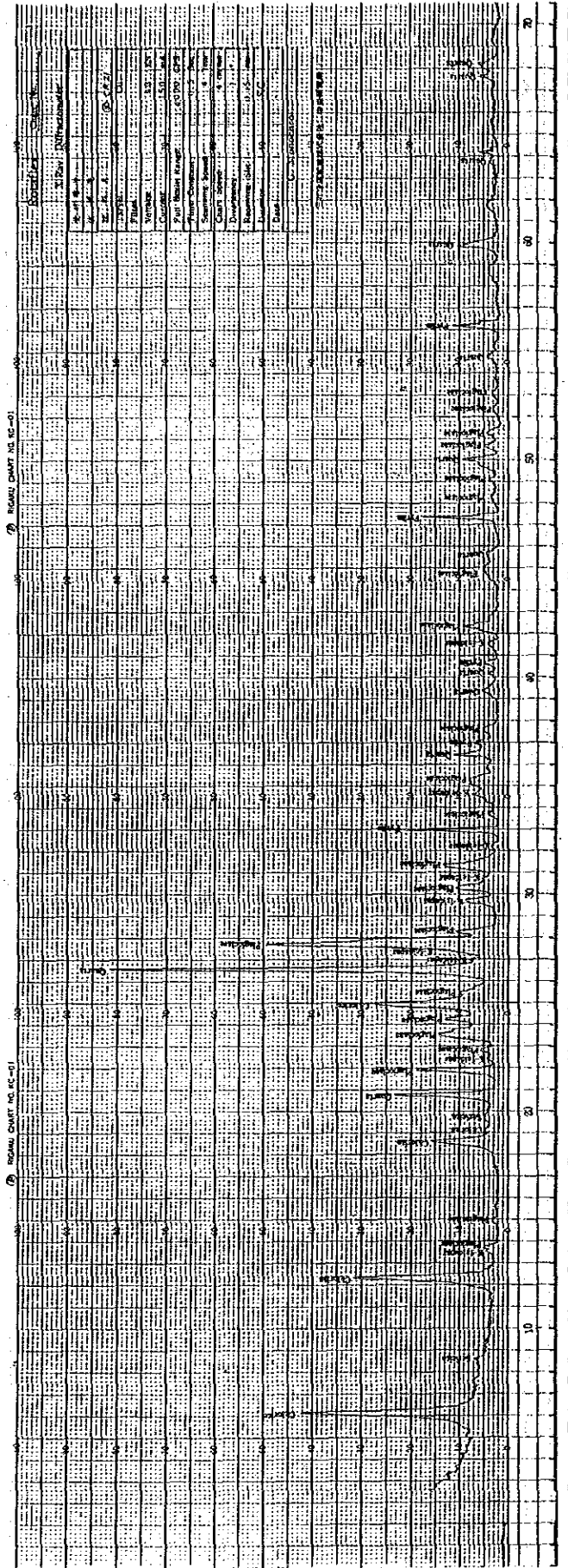


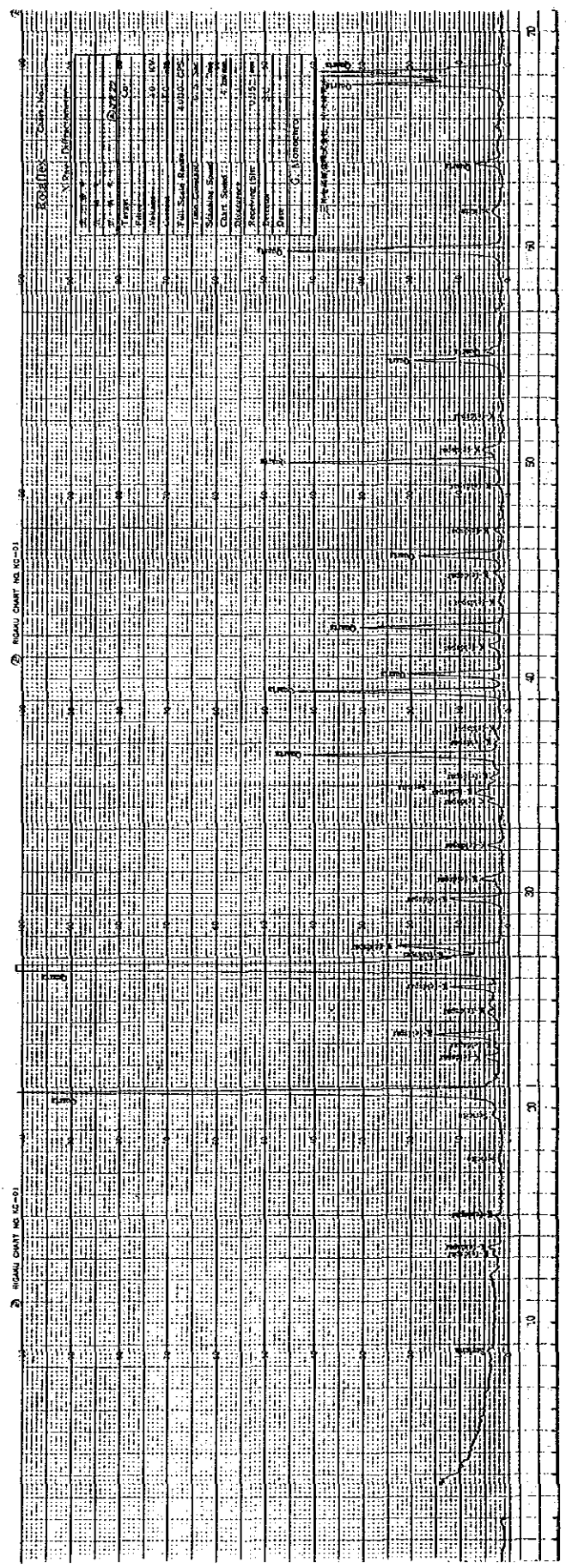


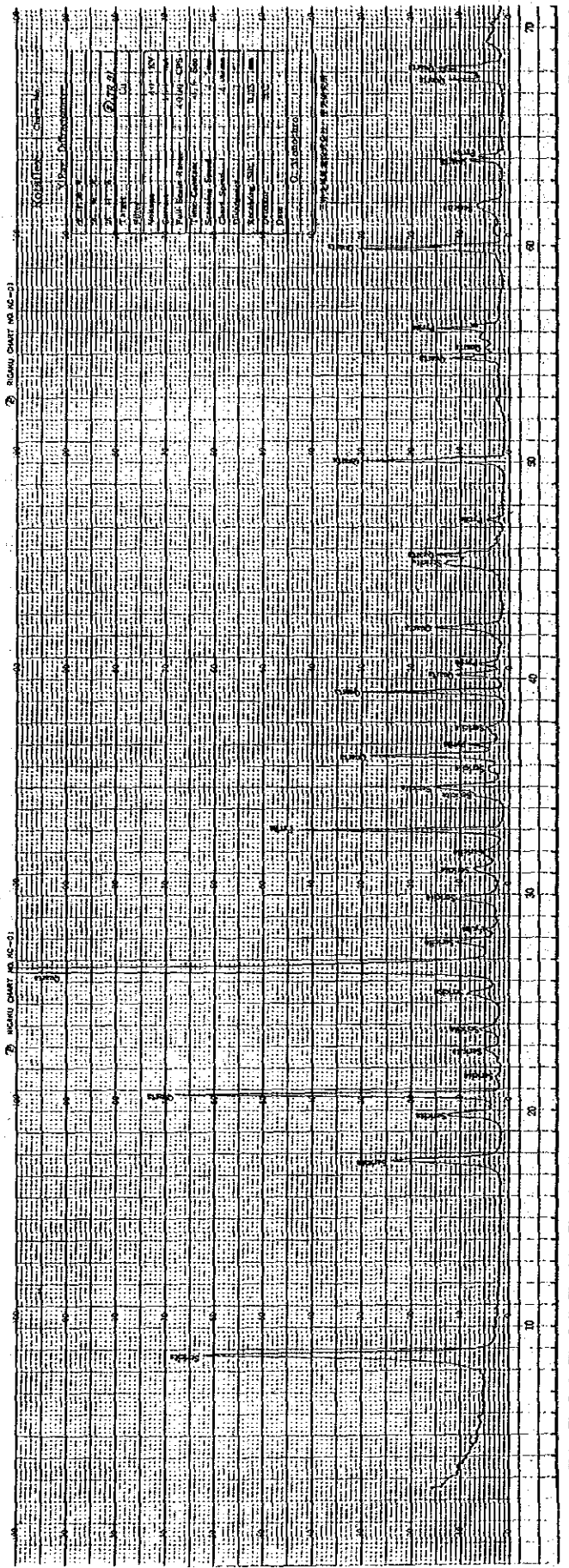








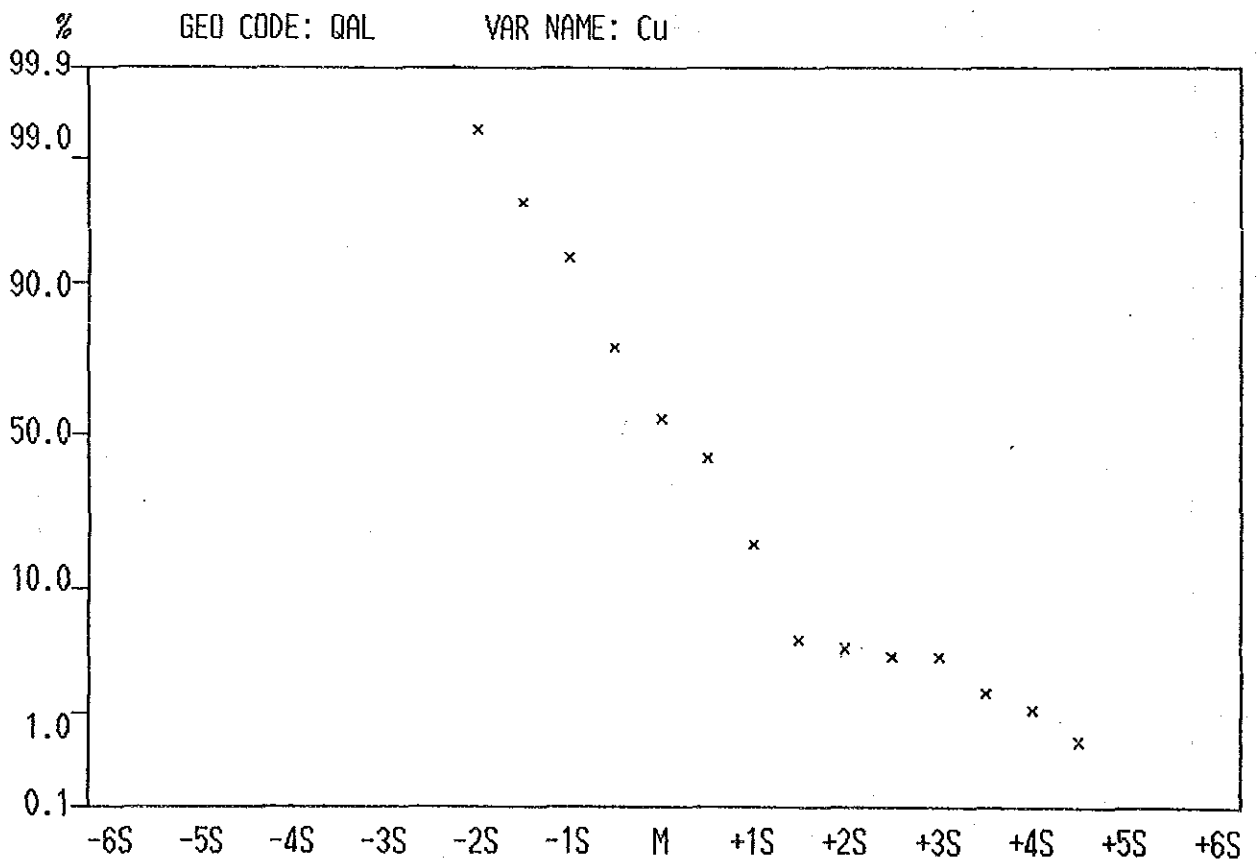
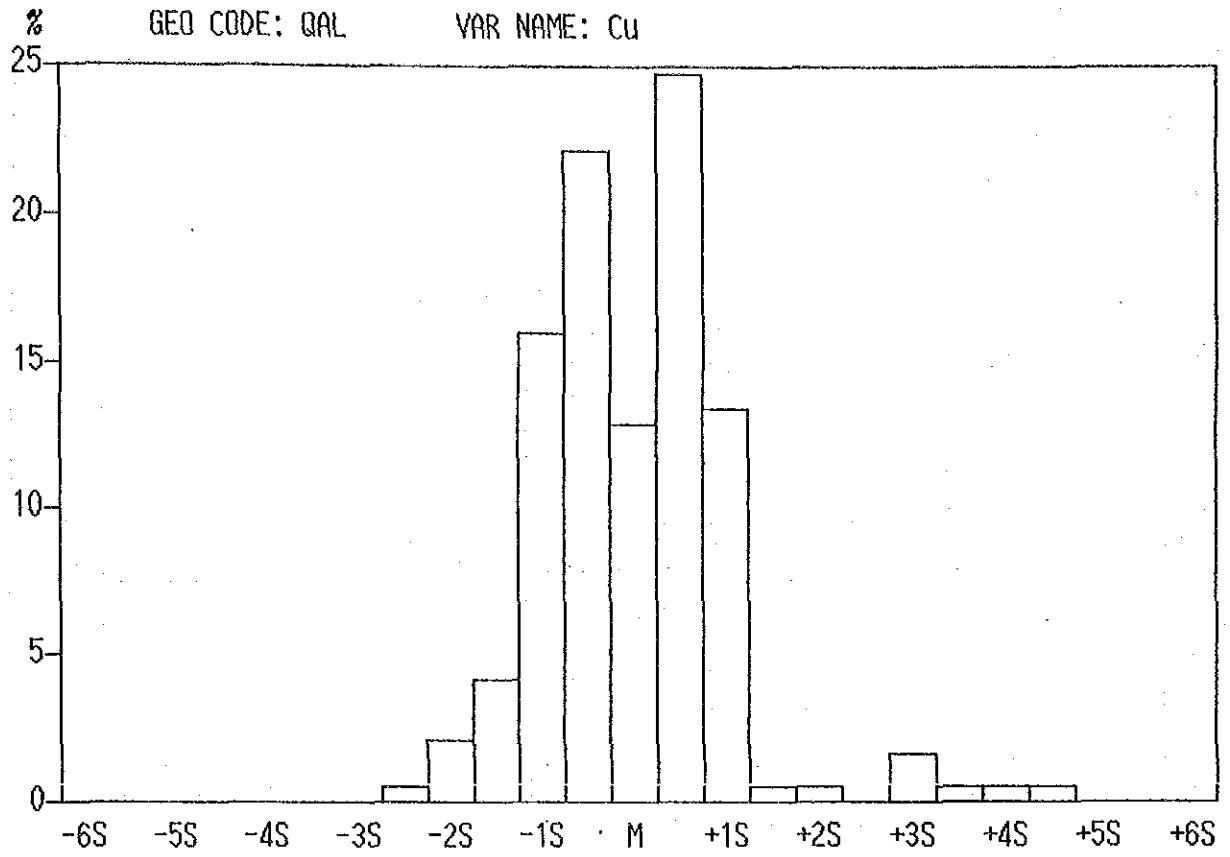


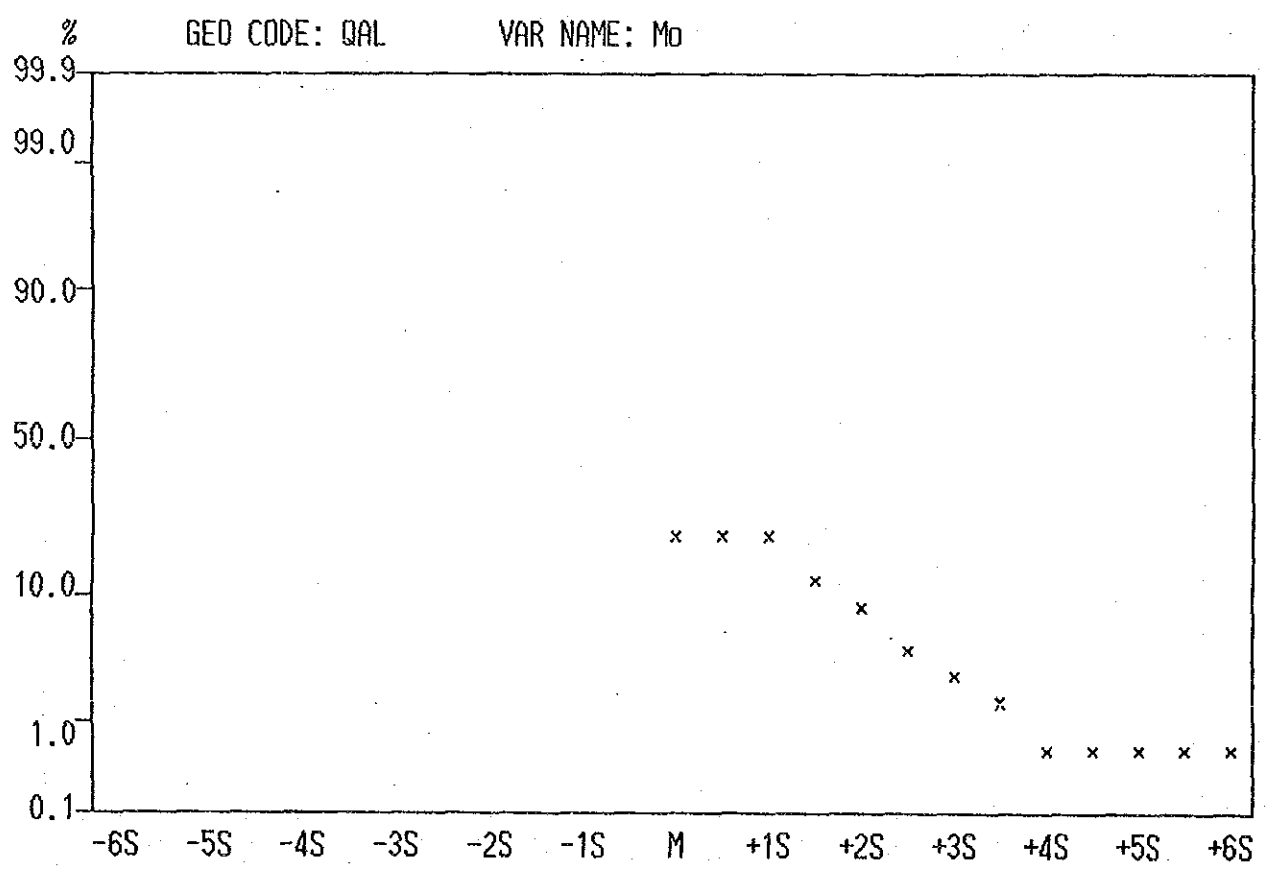
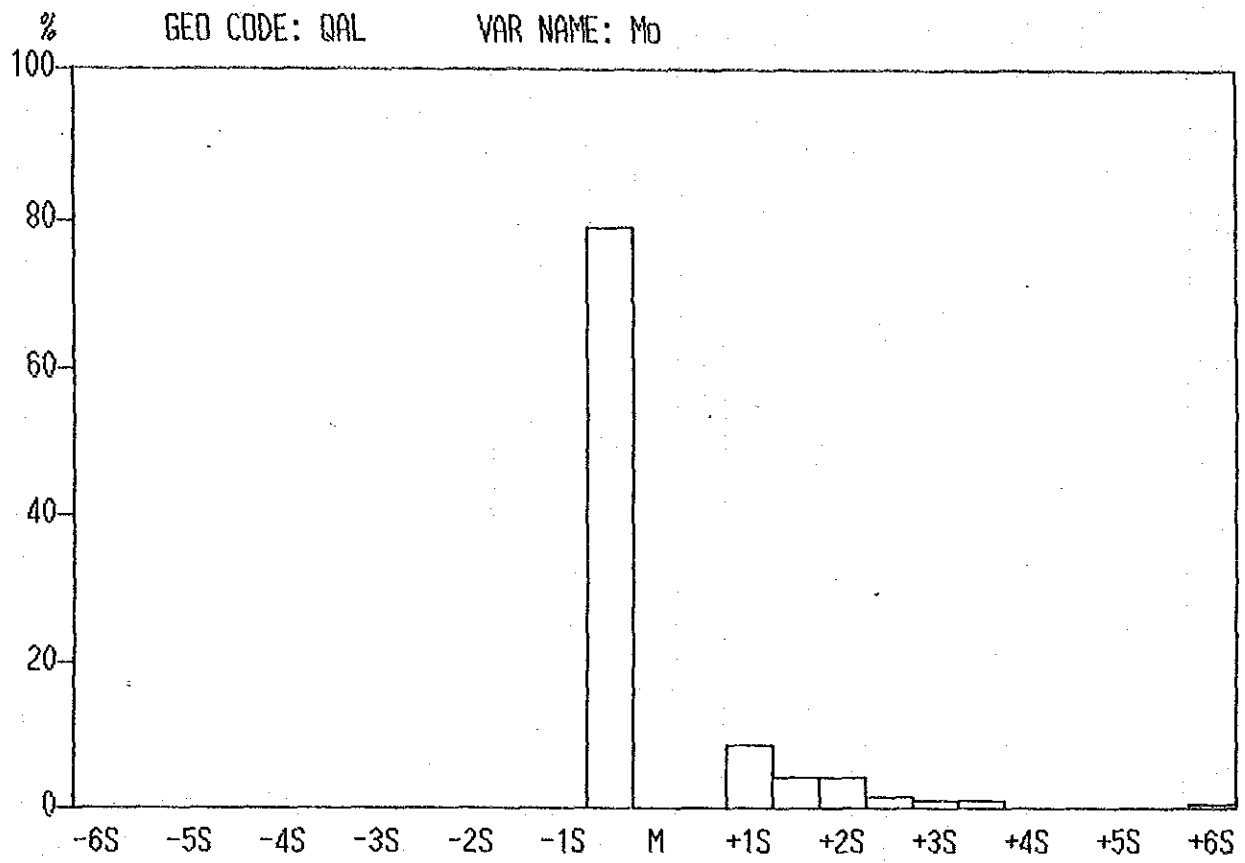


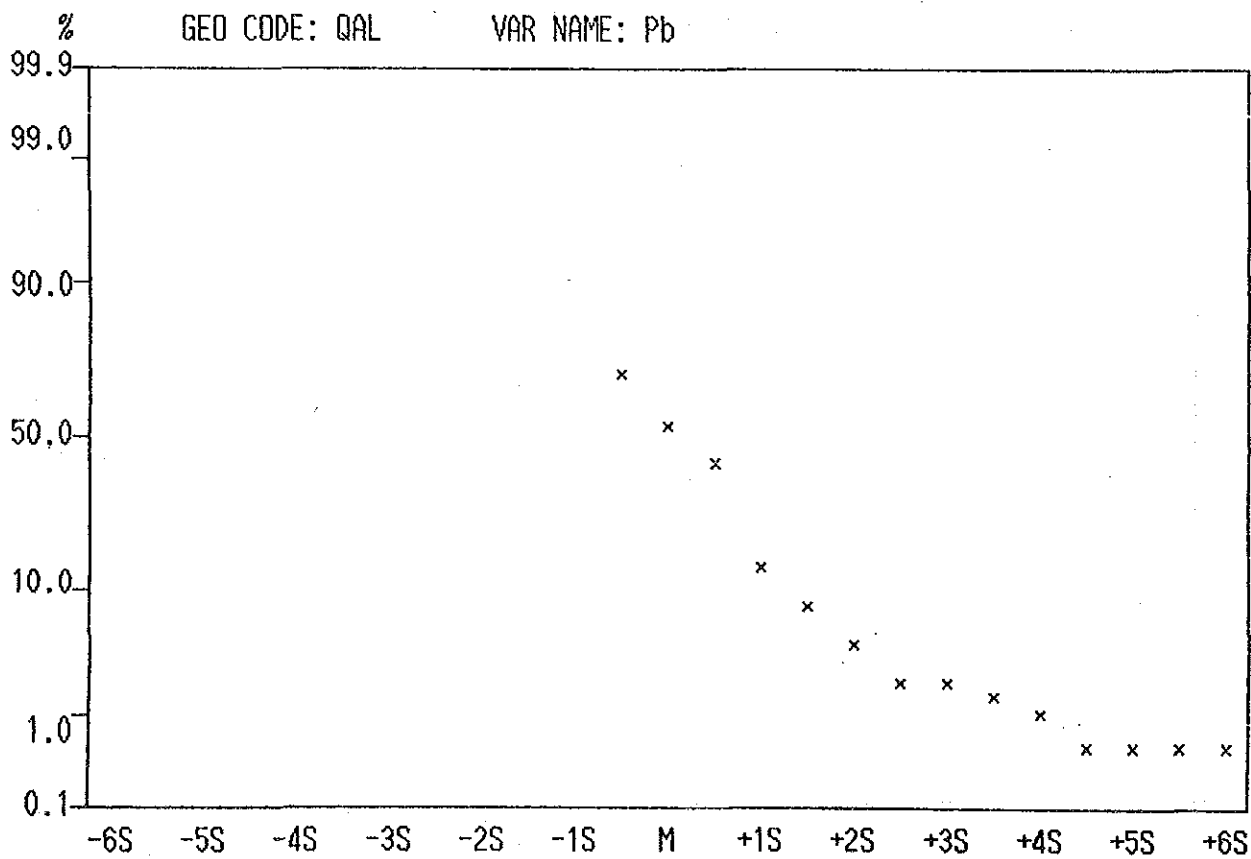
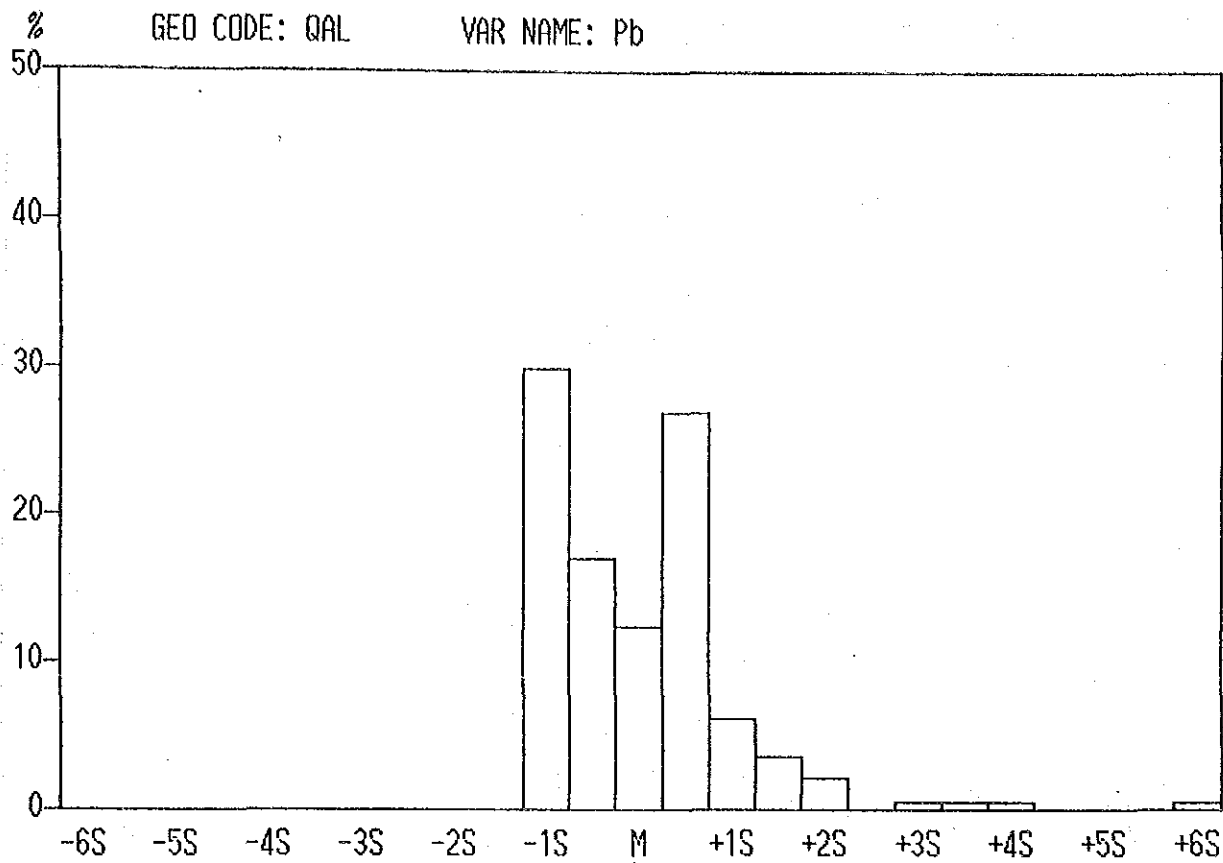
**Appendix 5-1 Histogram and Cumulative Frequency Curve (Cebu Area)**

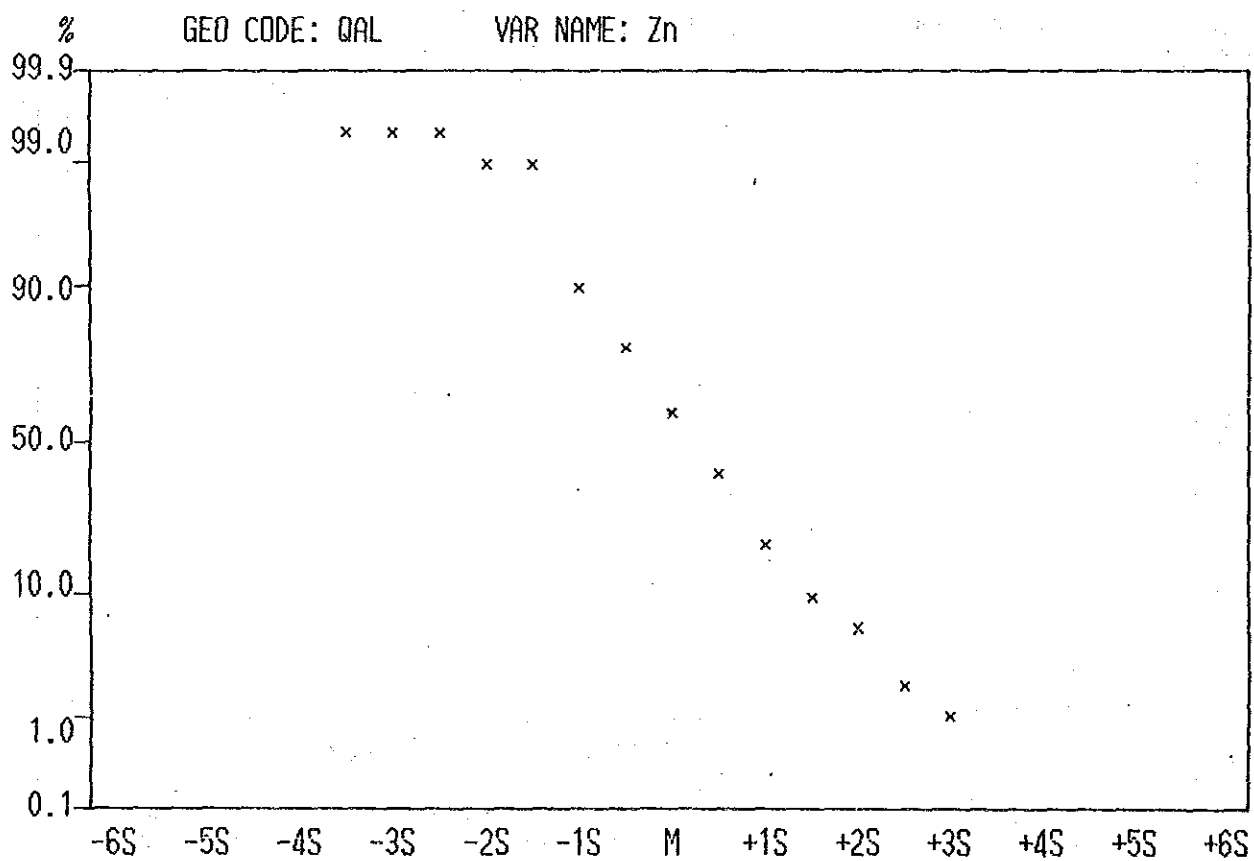
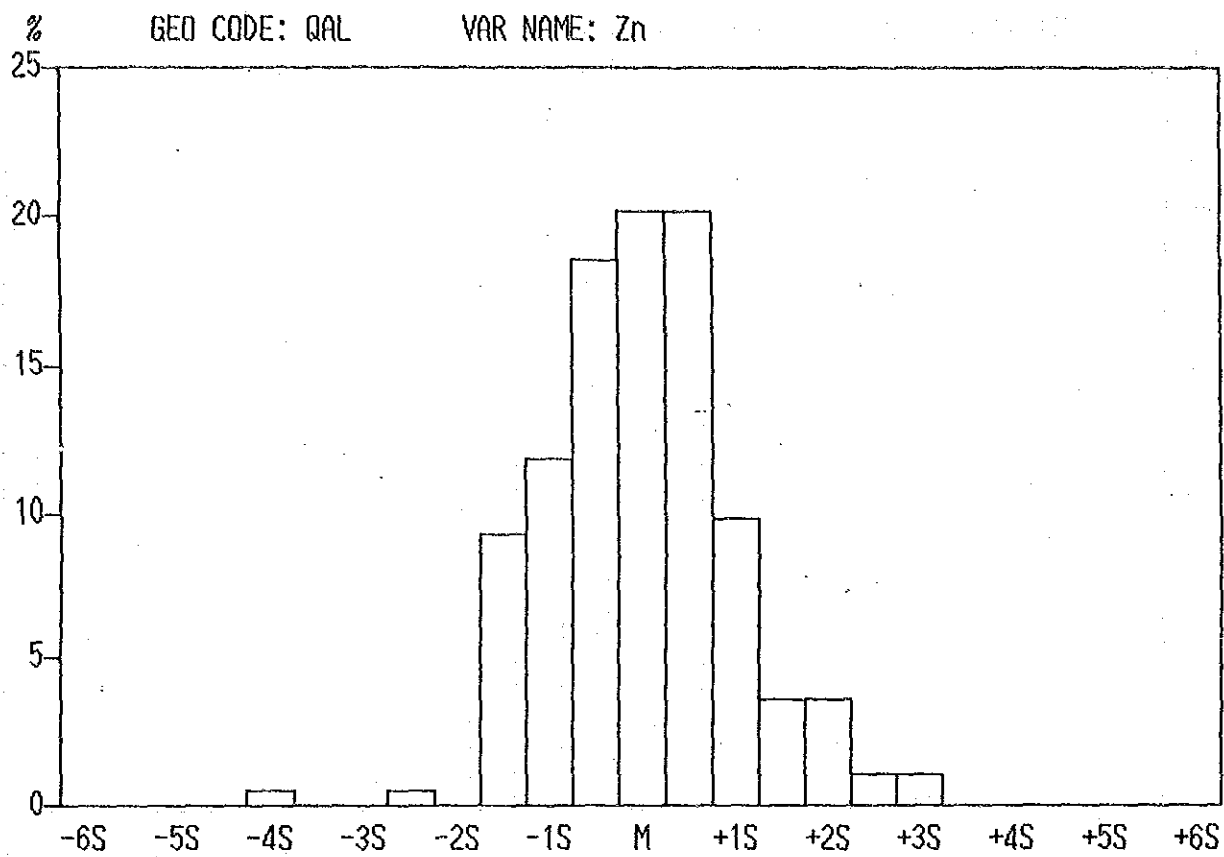


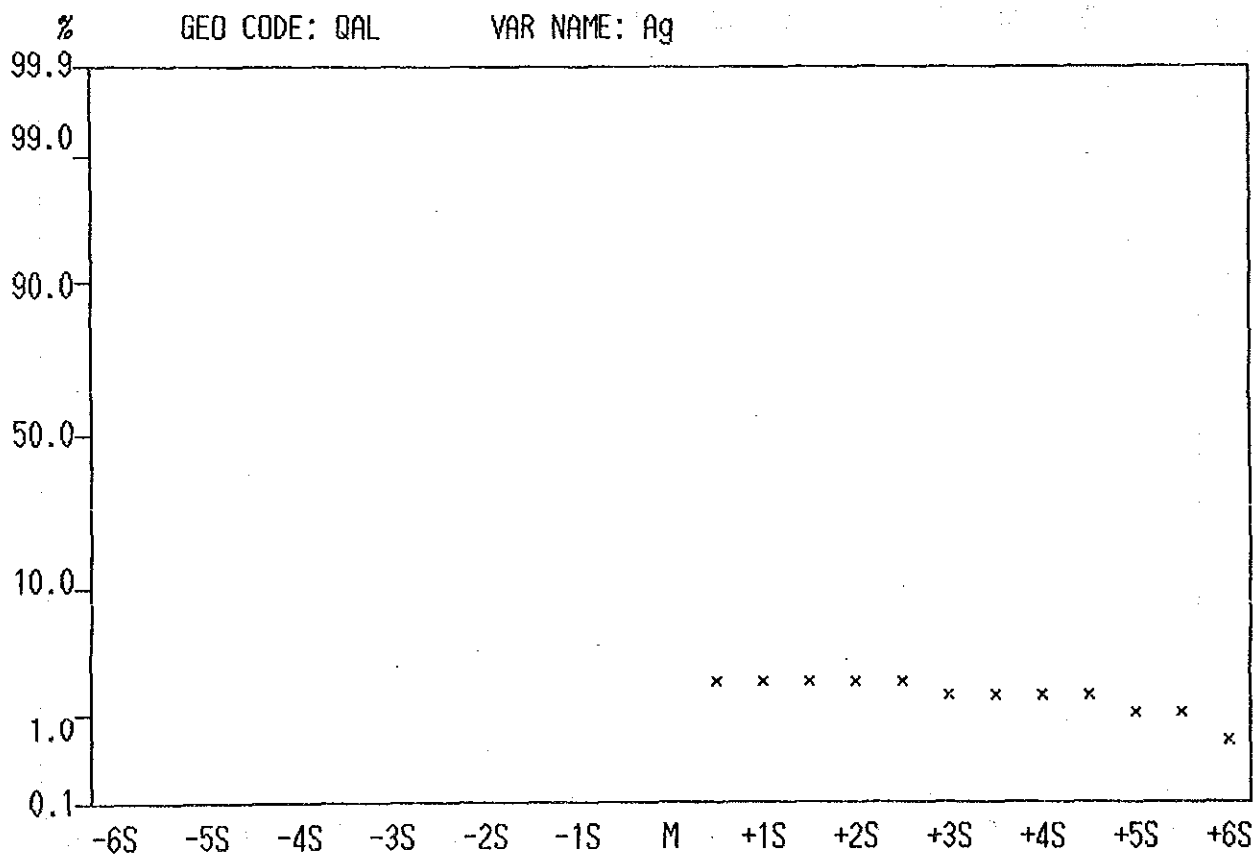
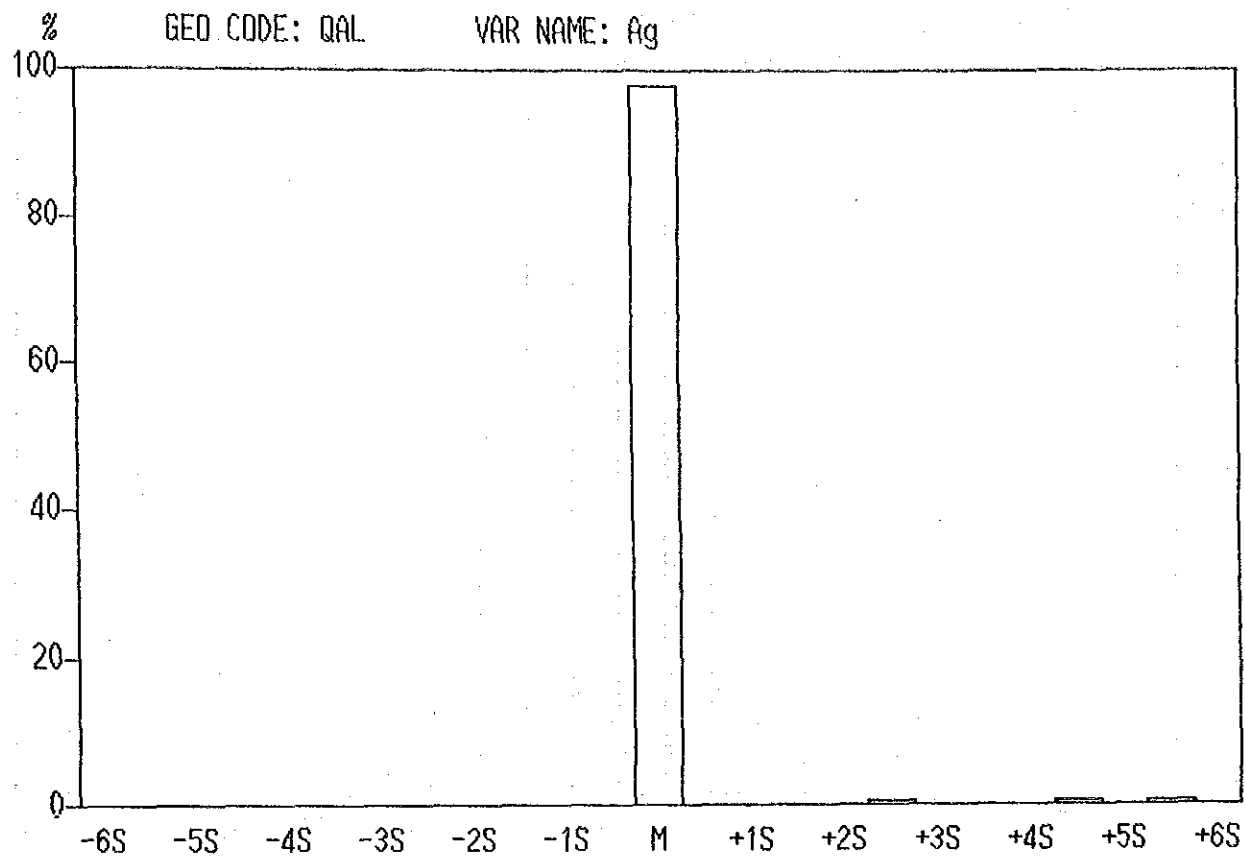


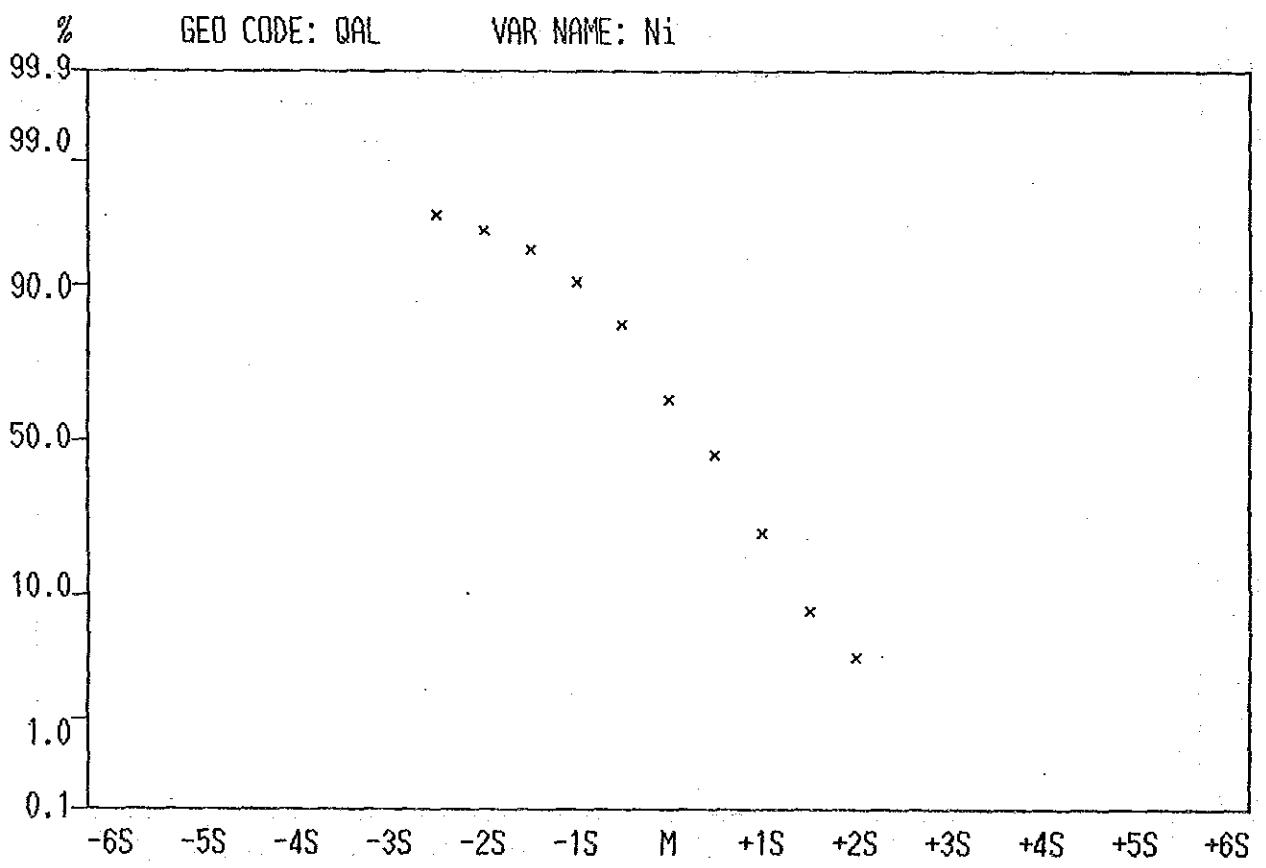
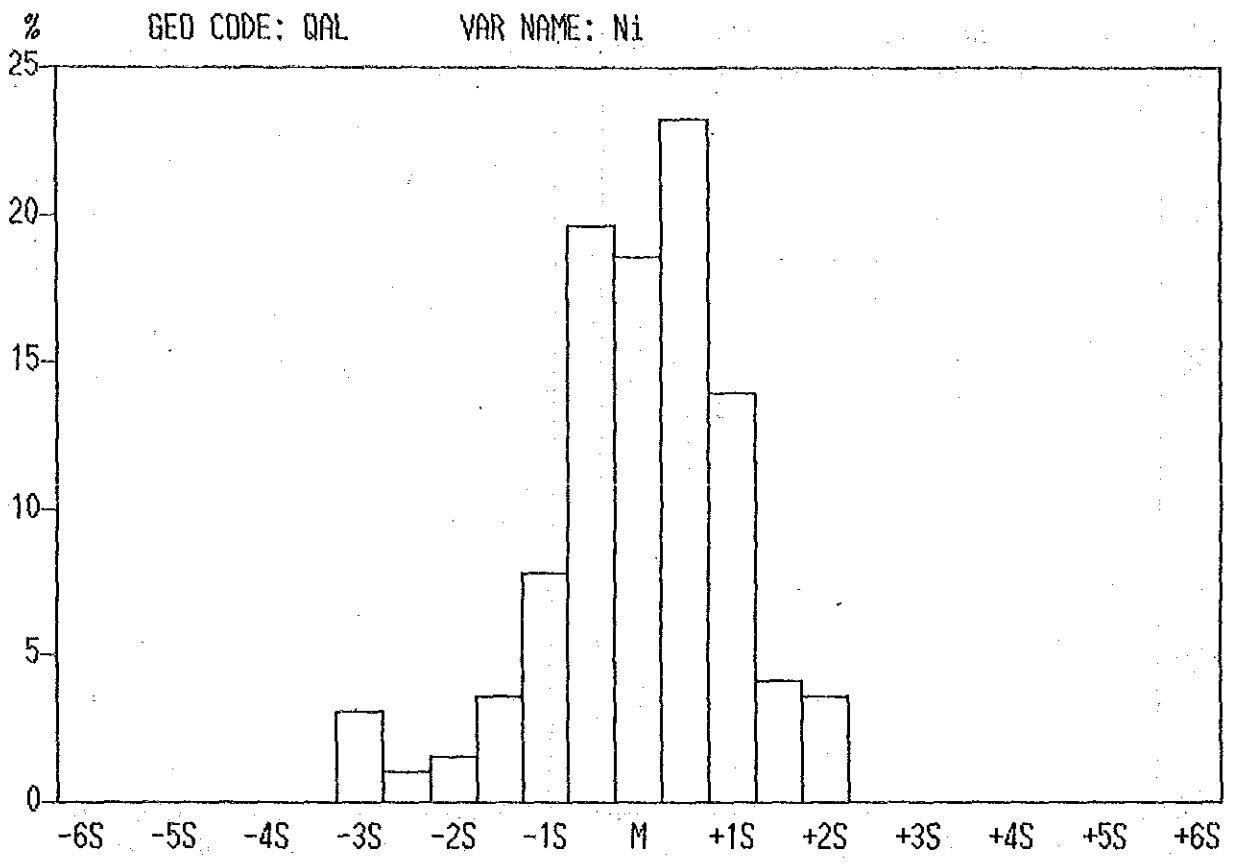


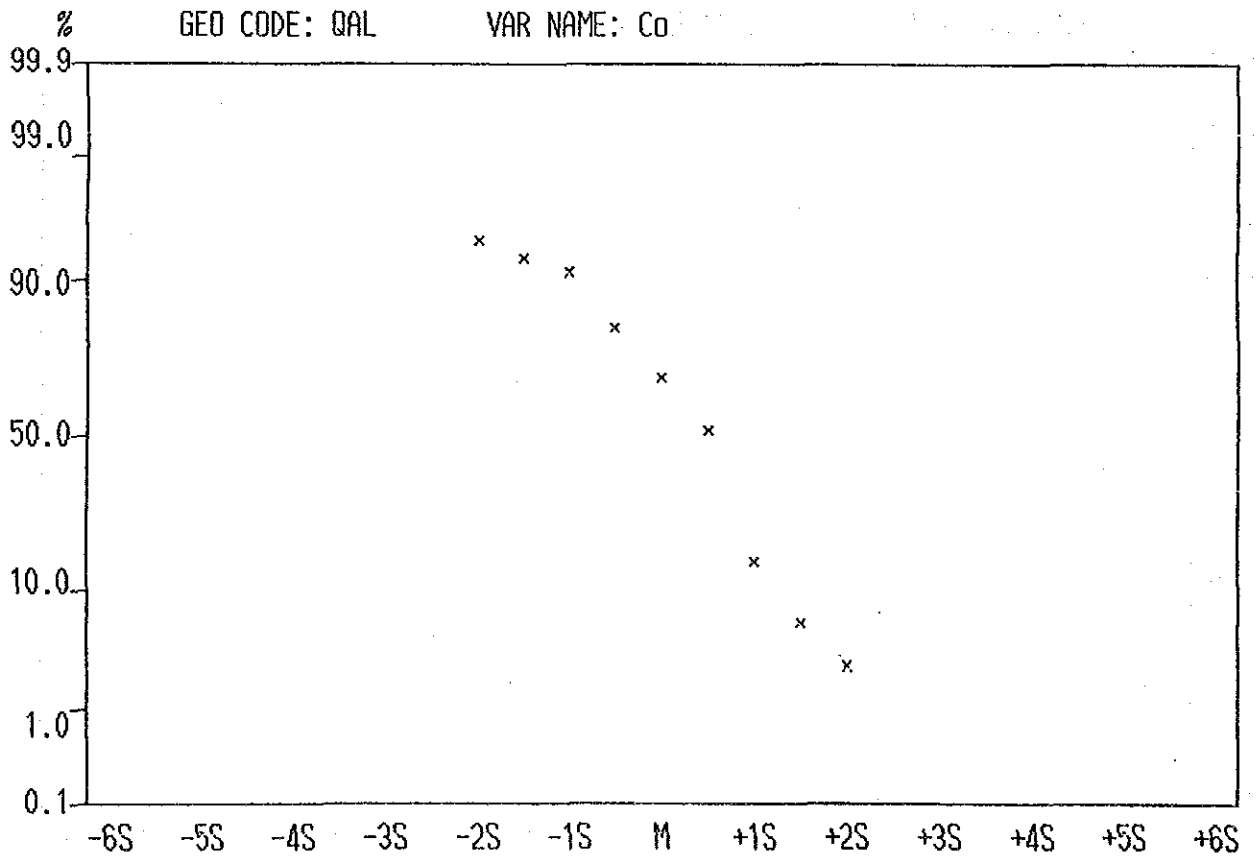
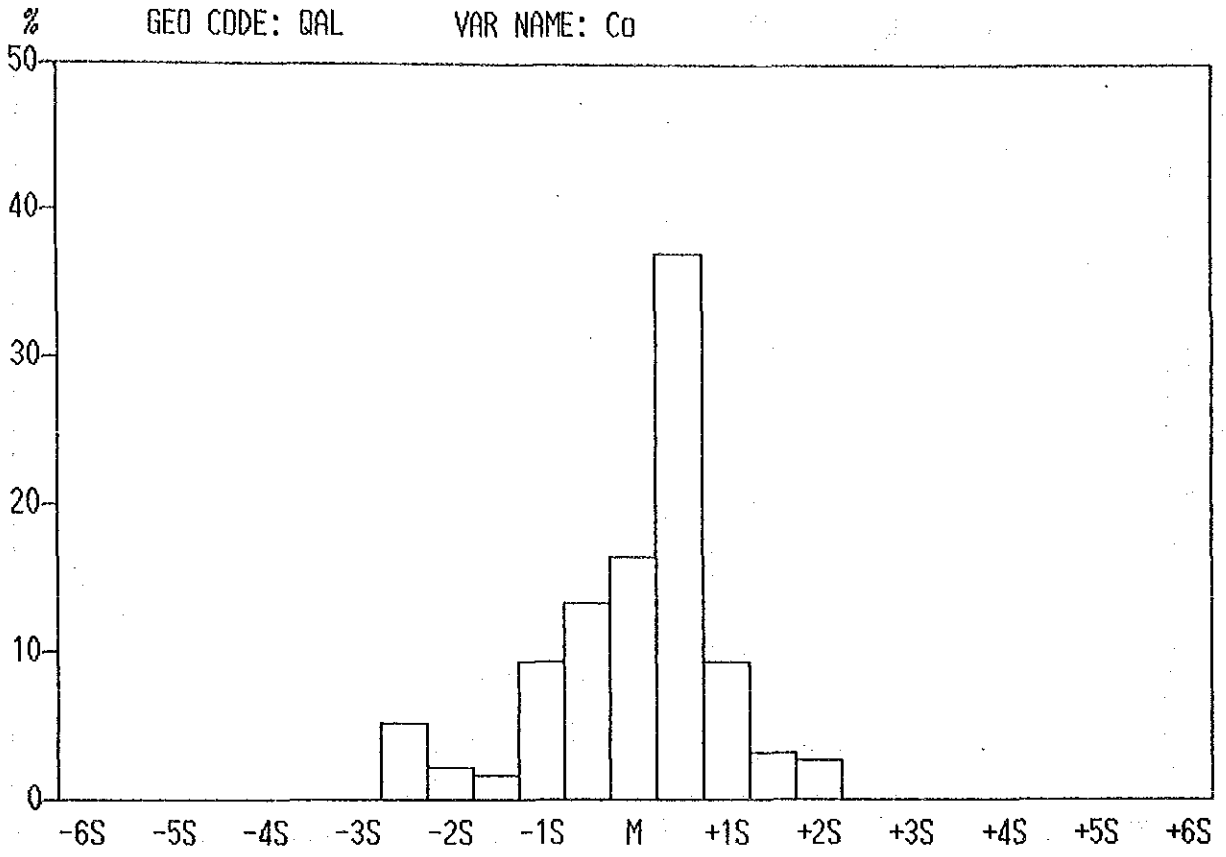


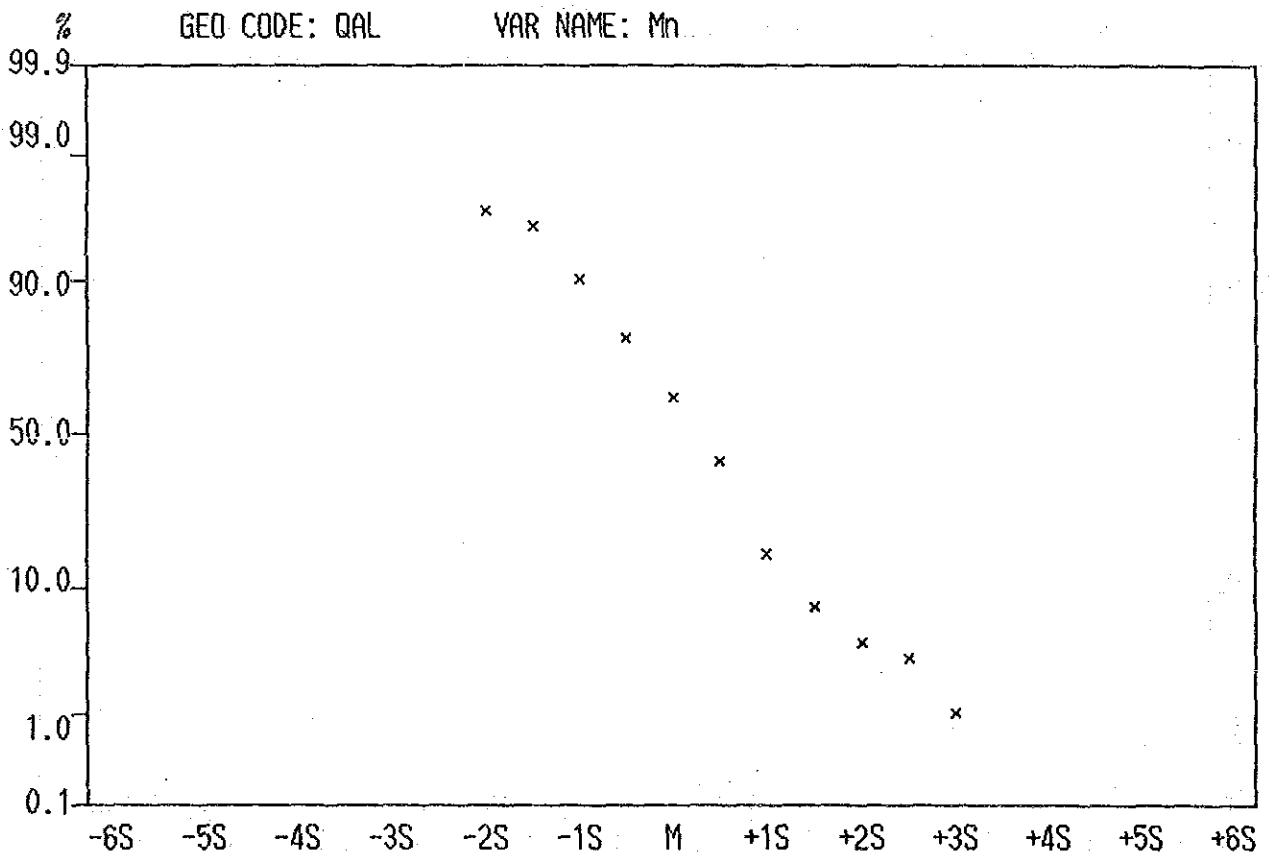
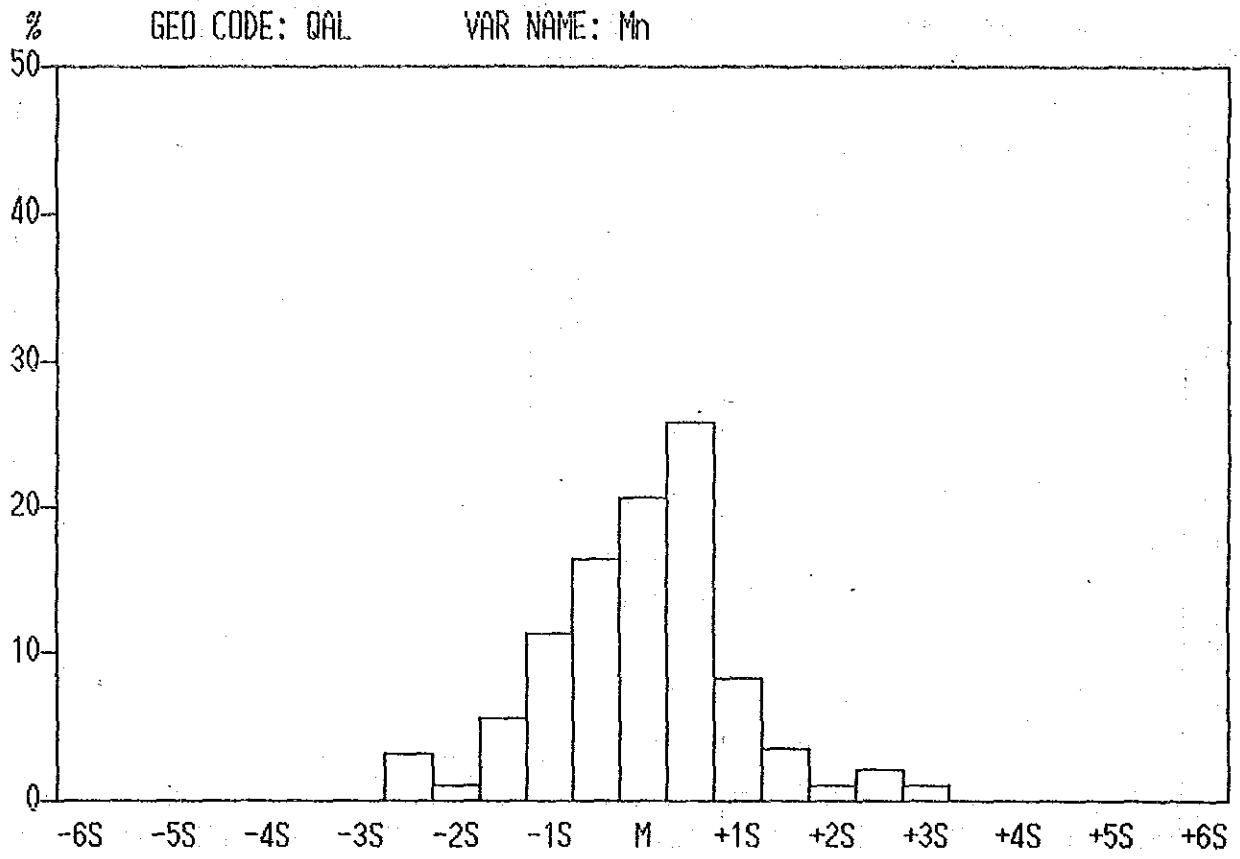




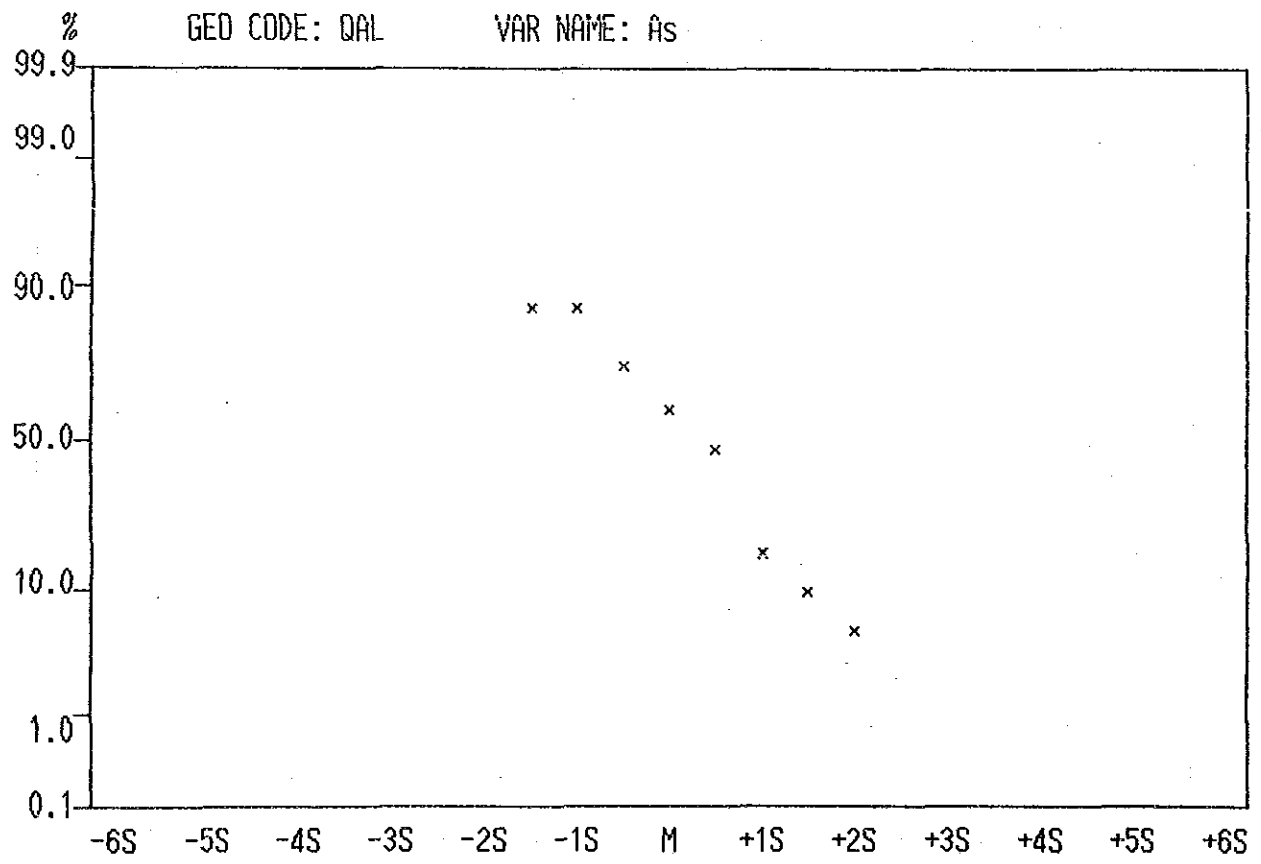
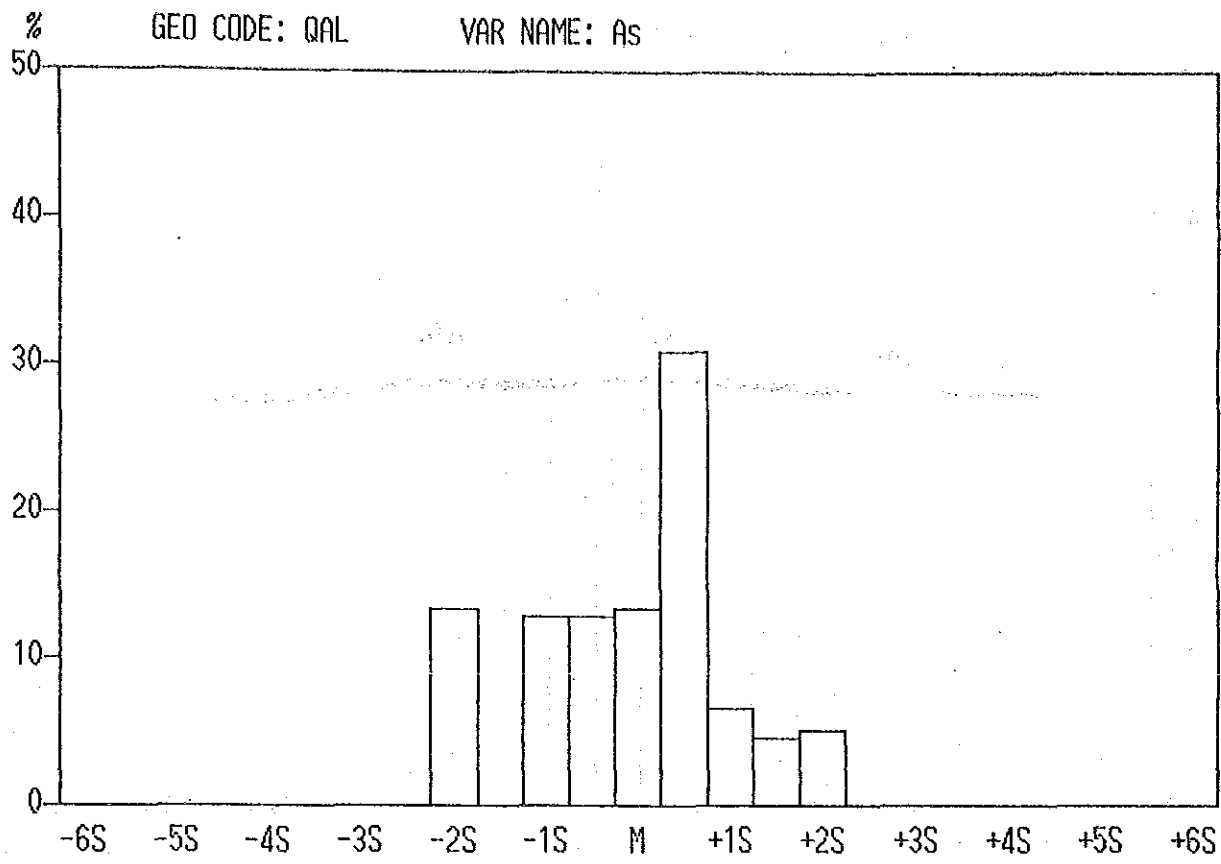


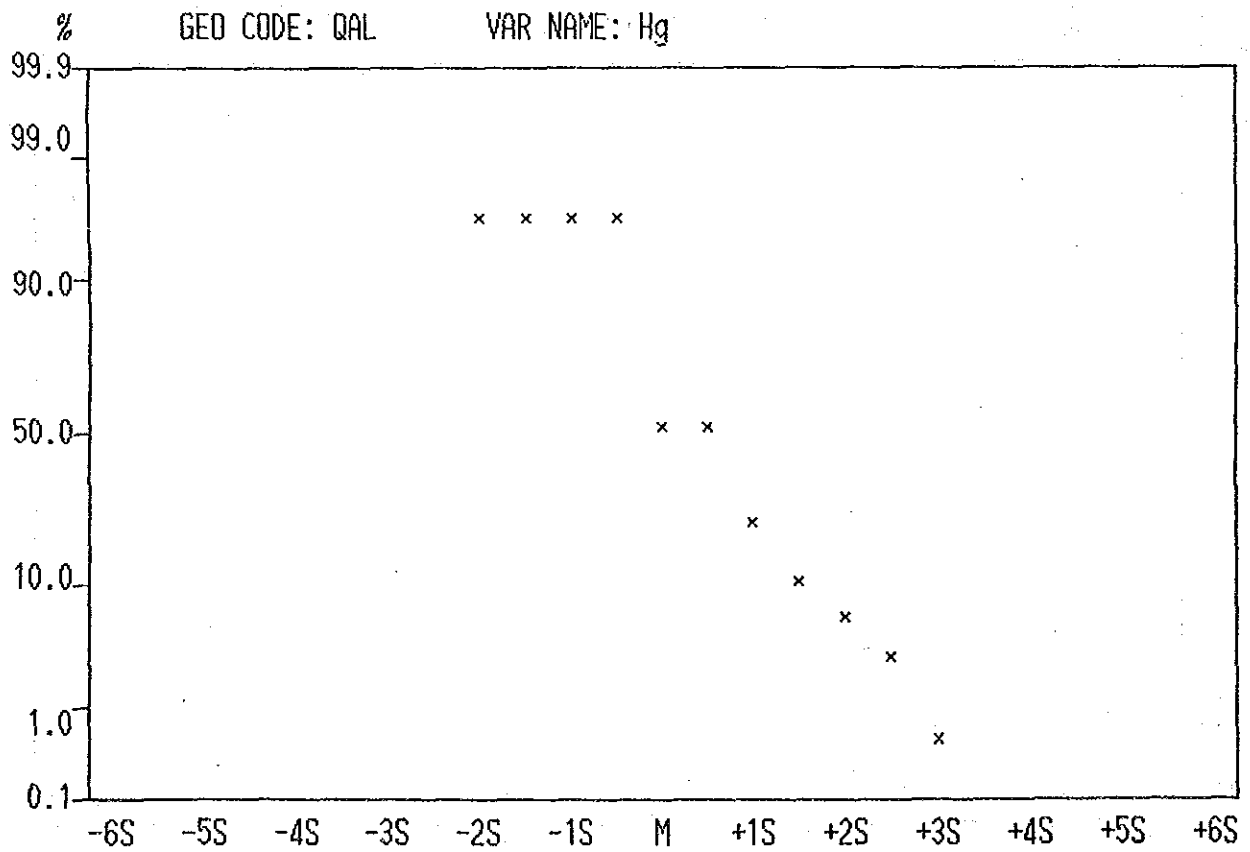
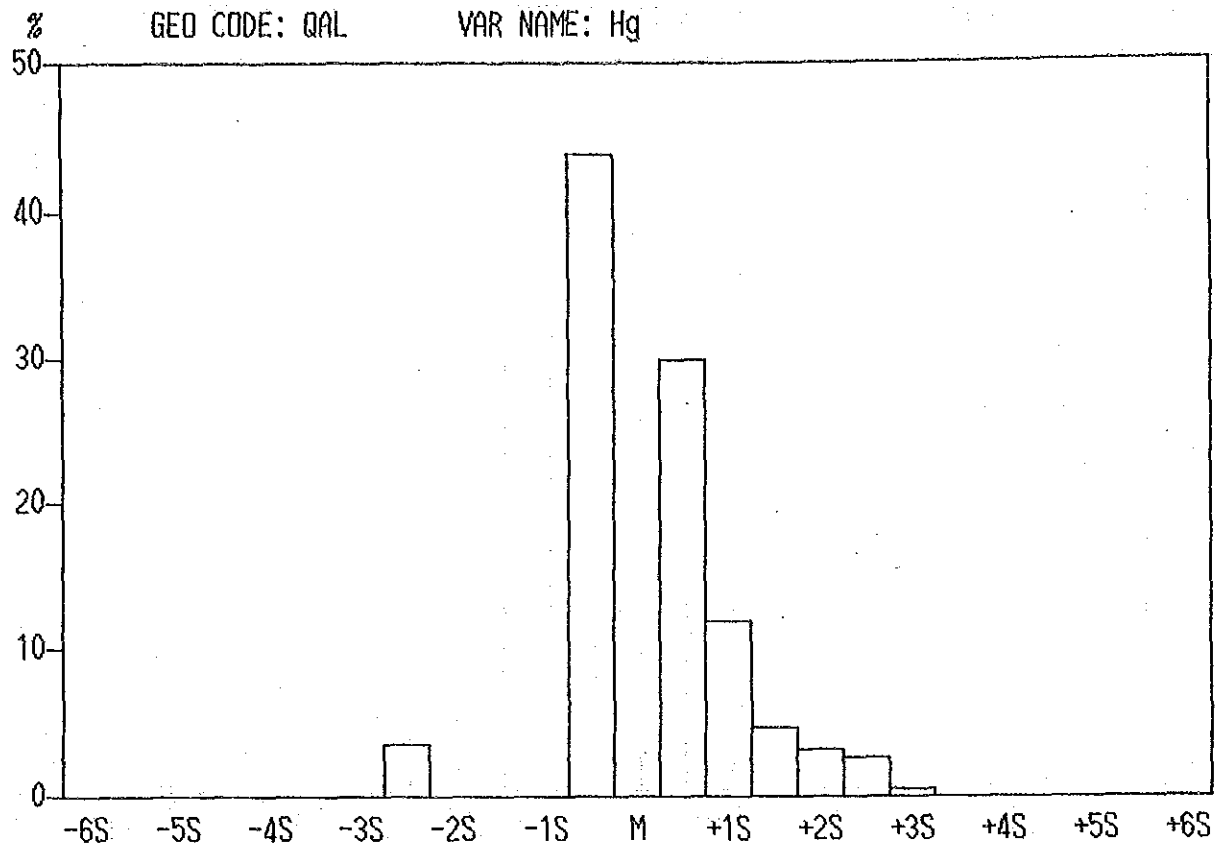


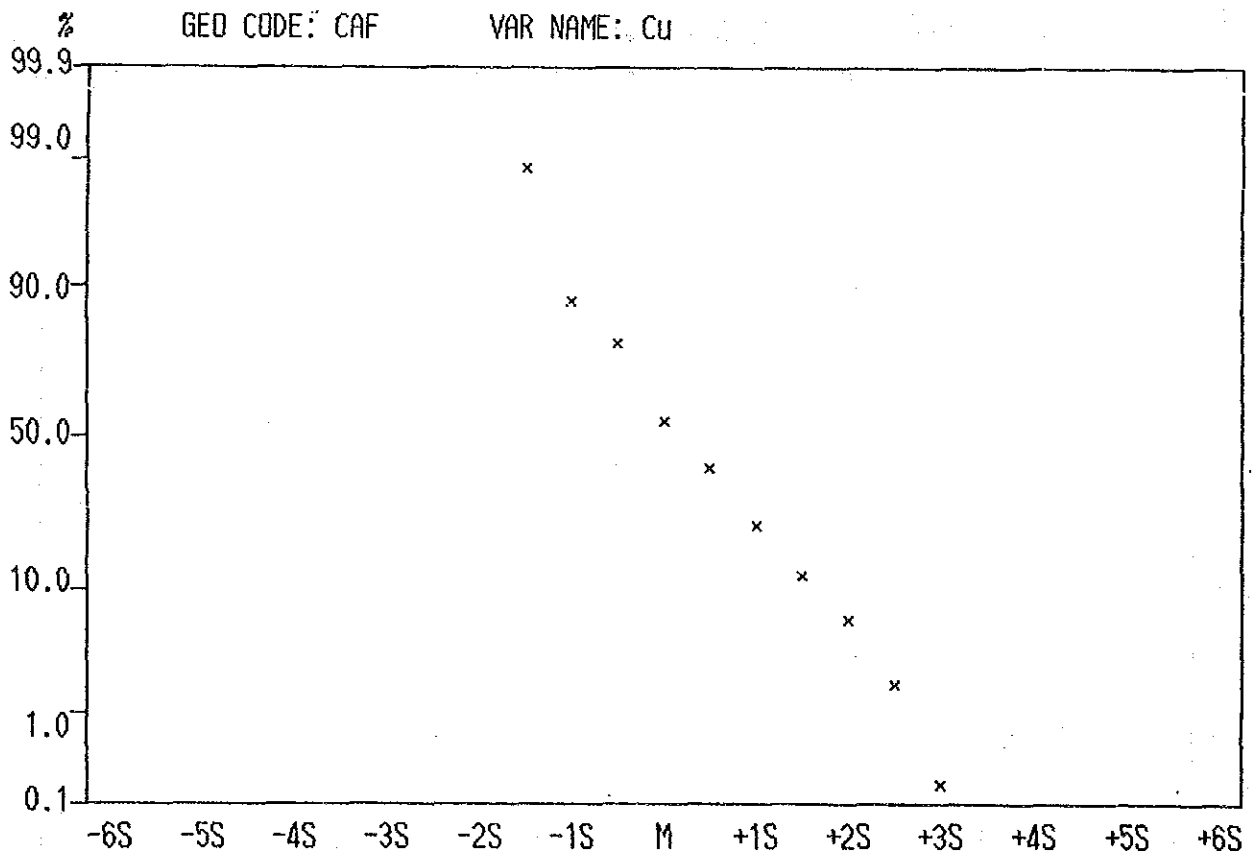
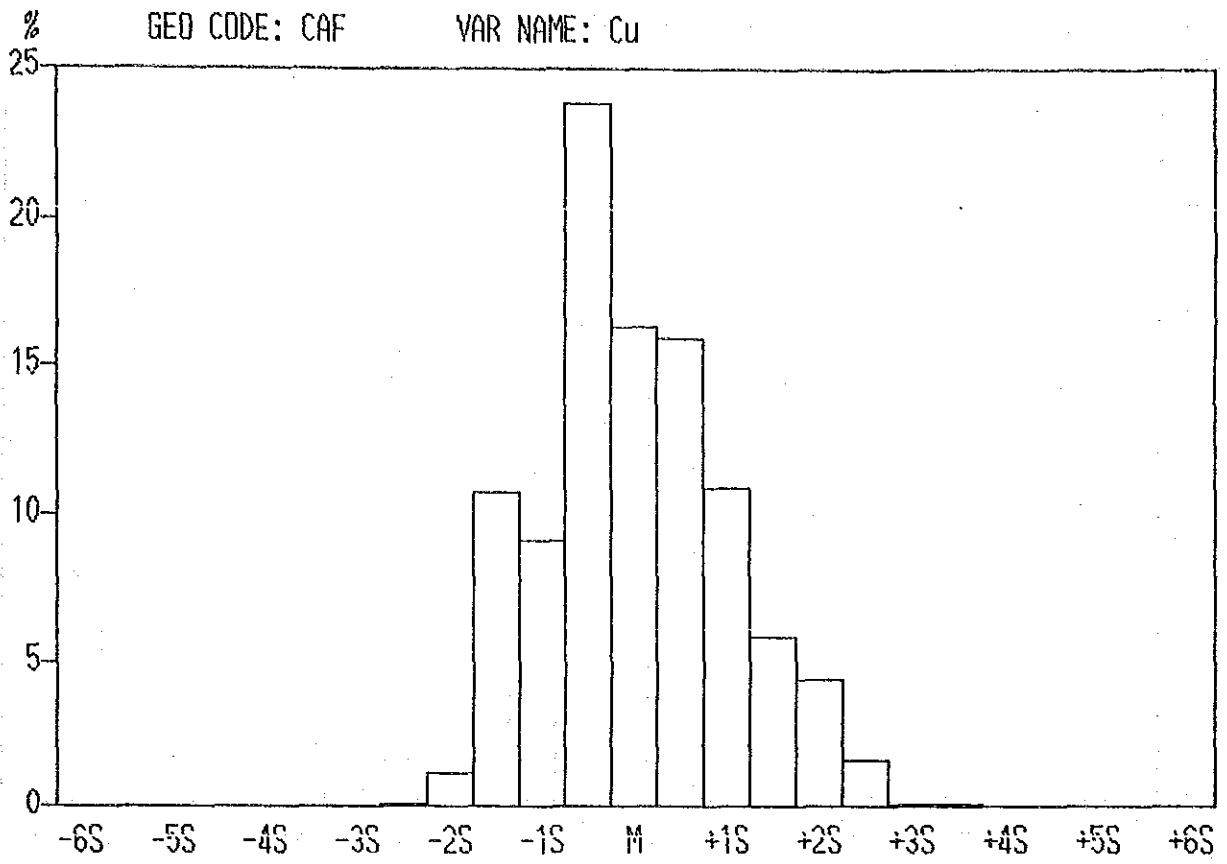


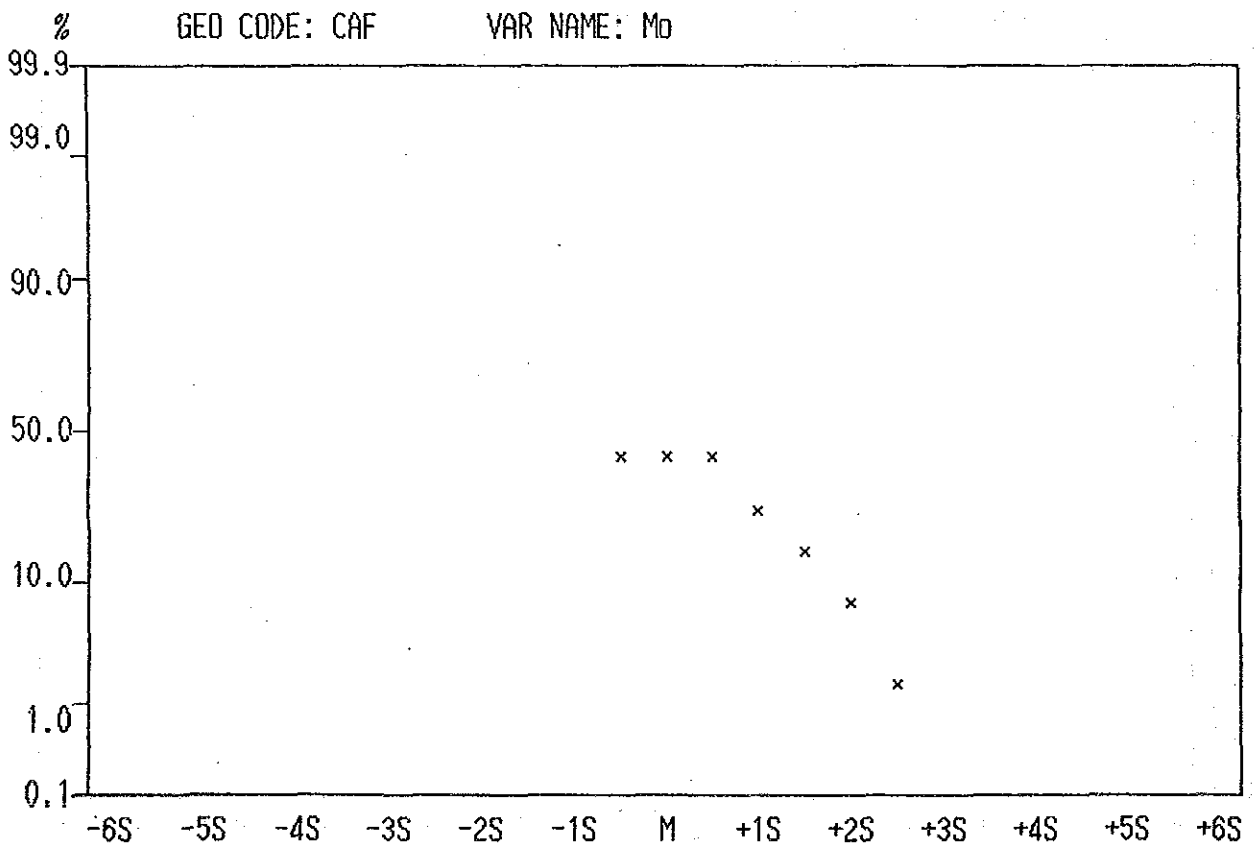
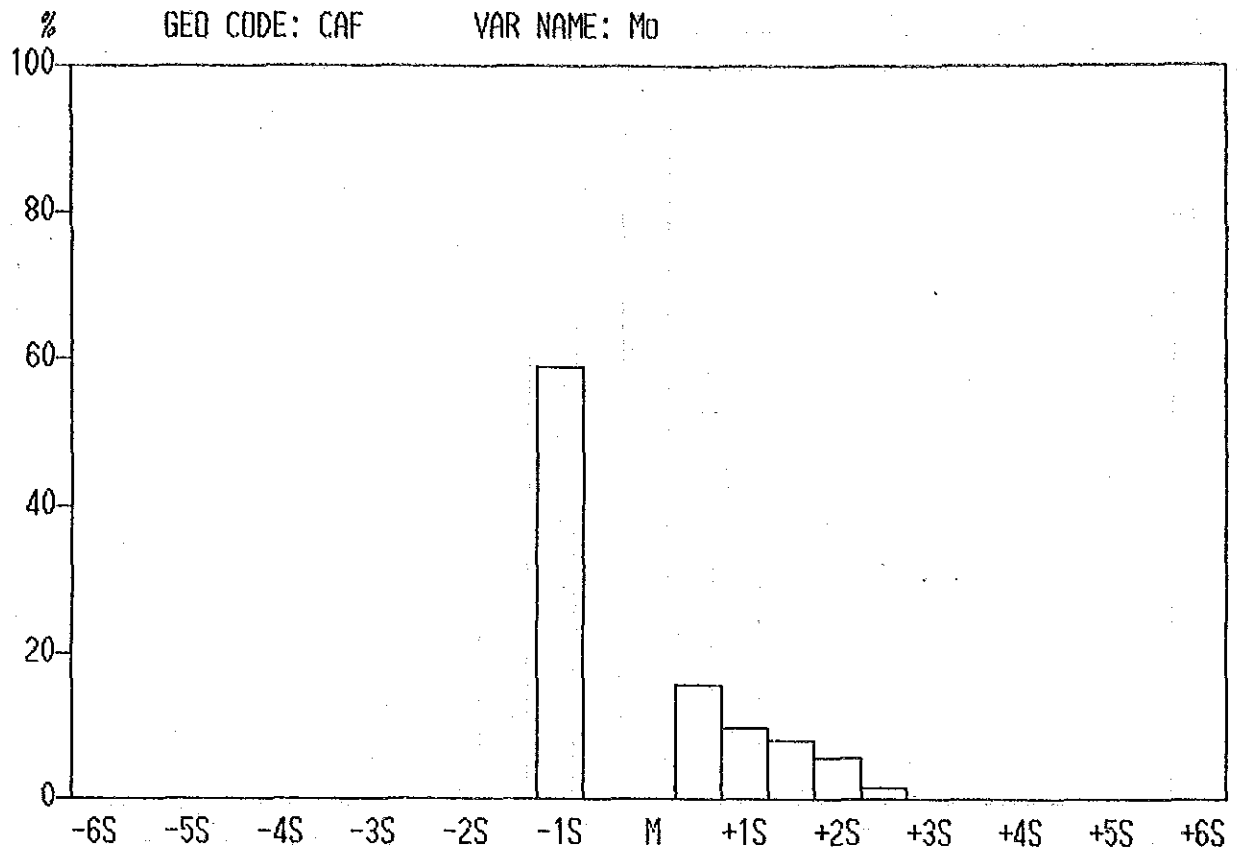


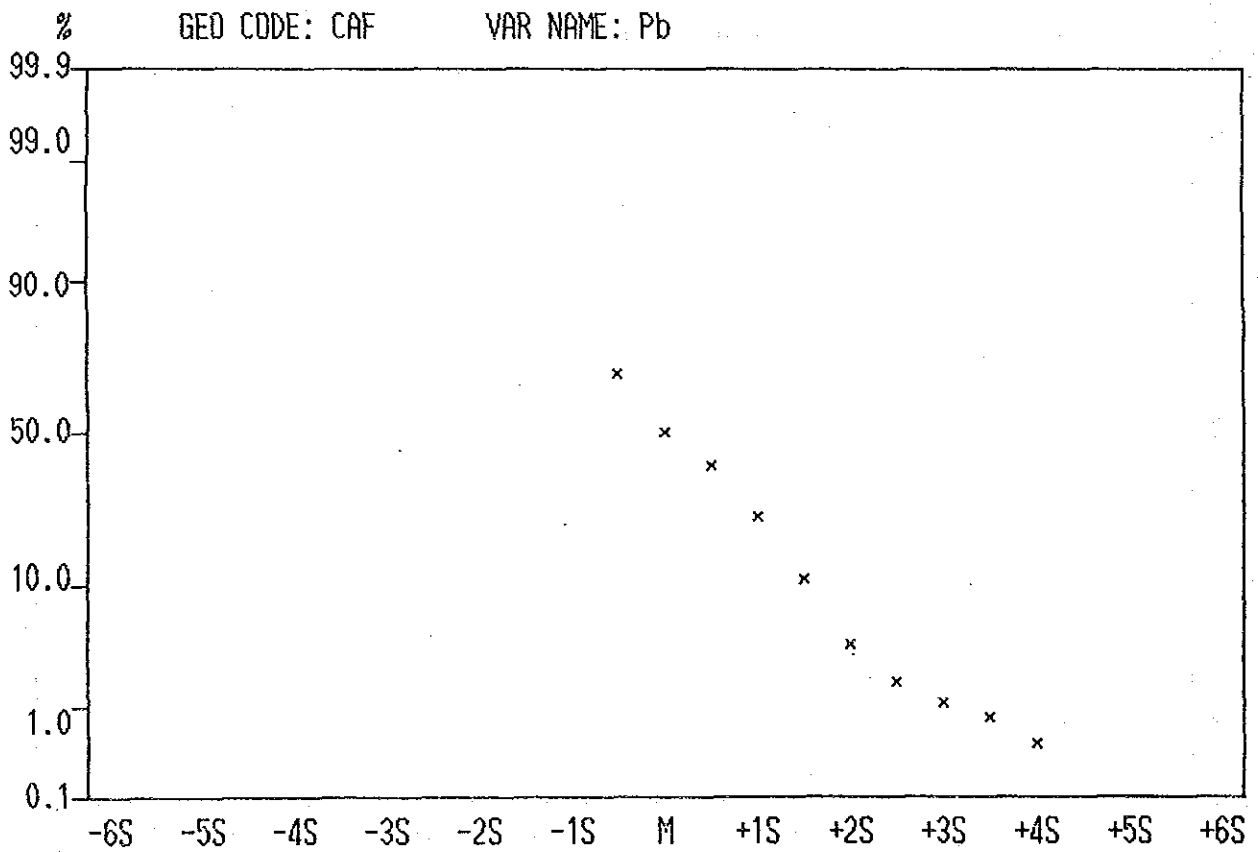
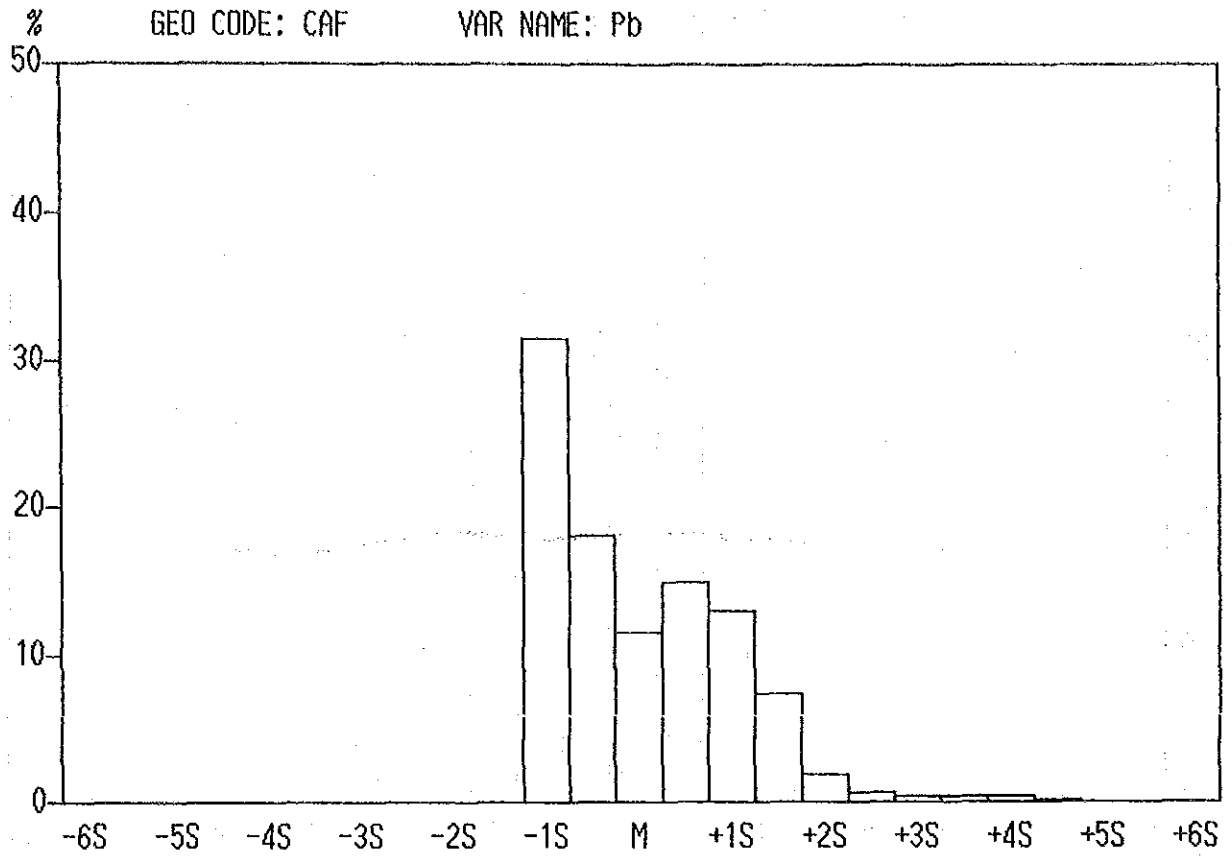


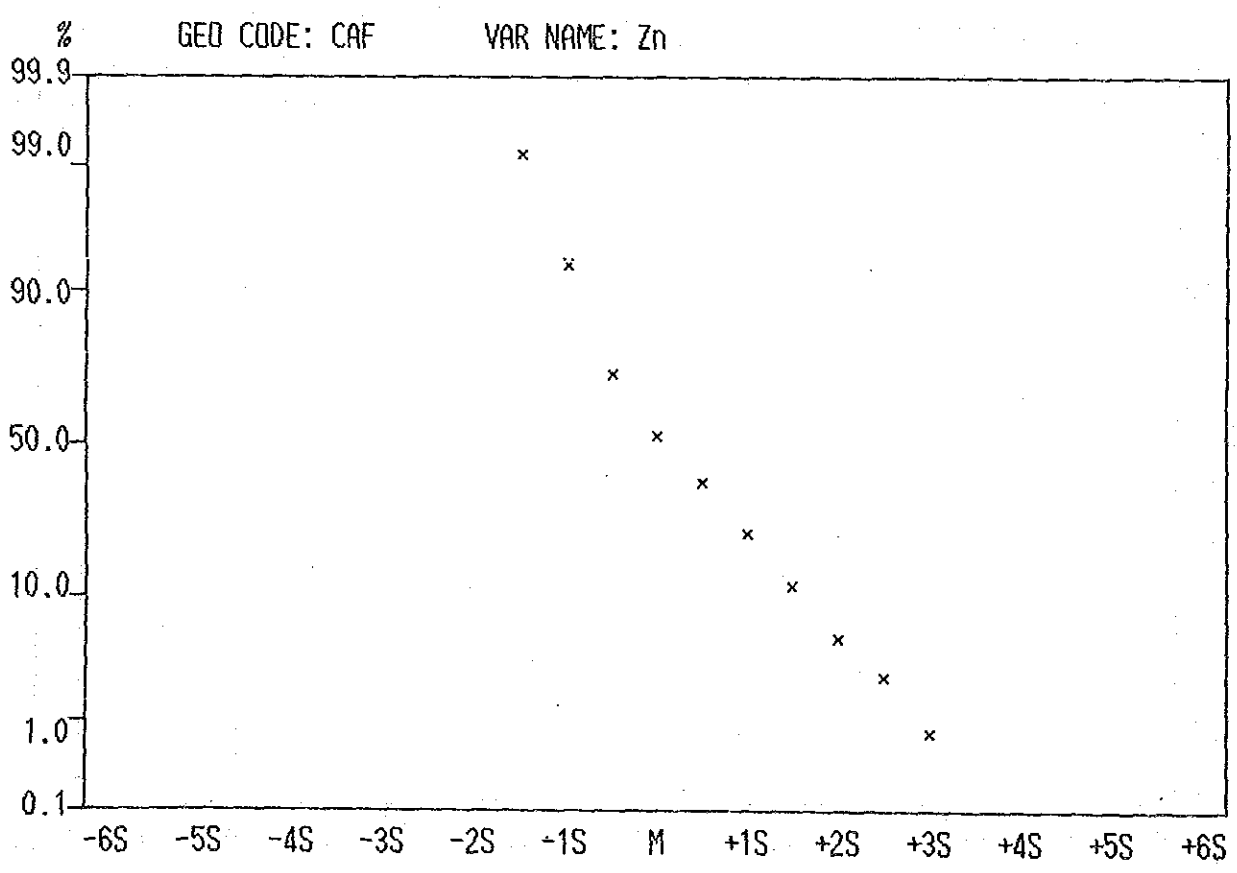
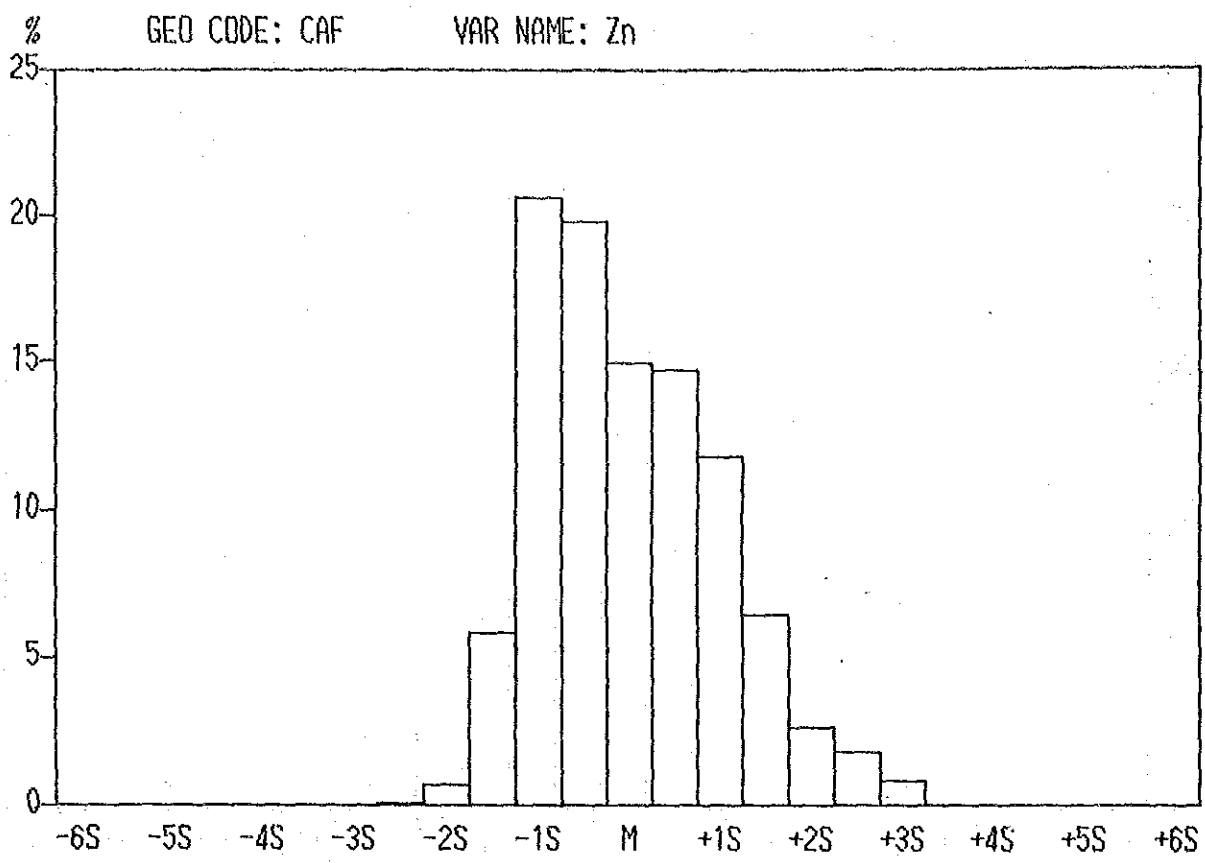


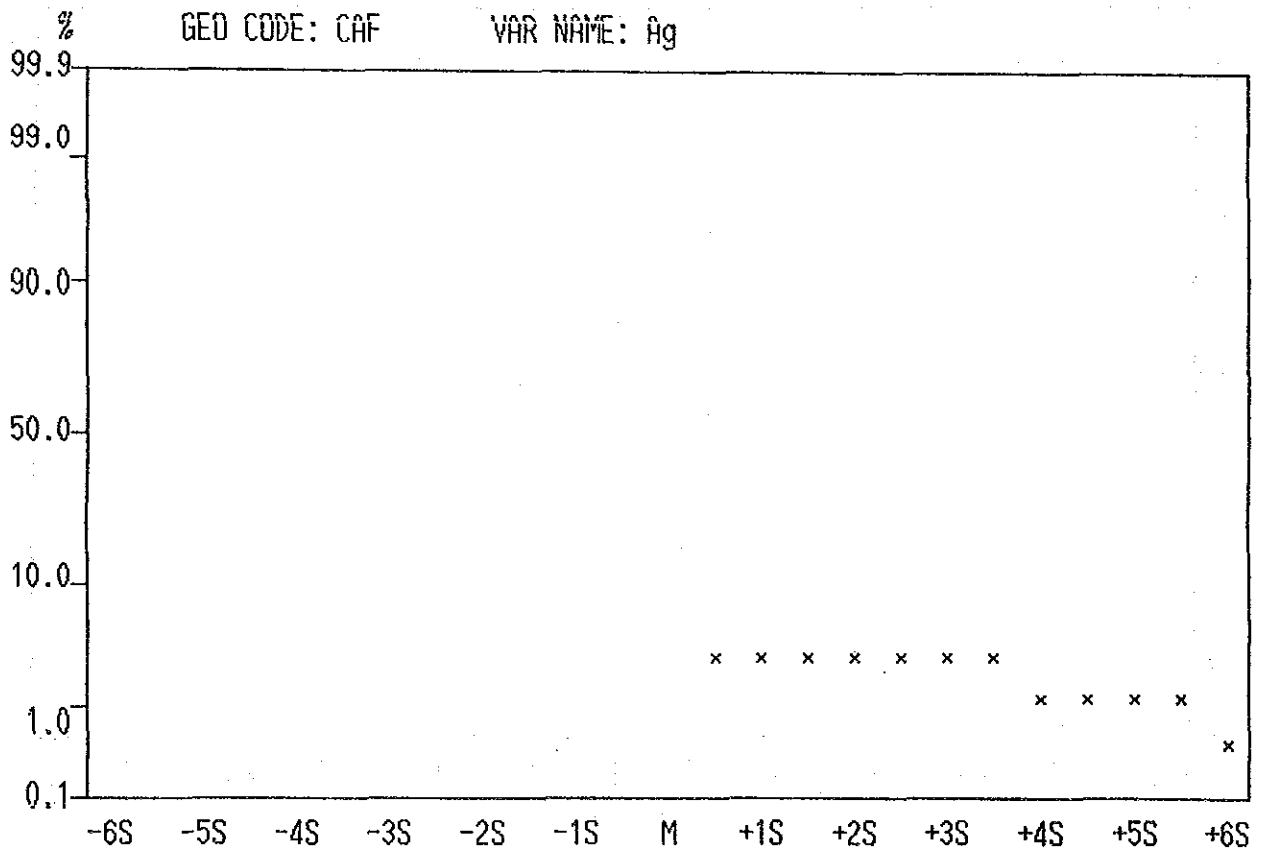
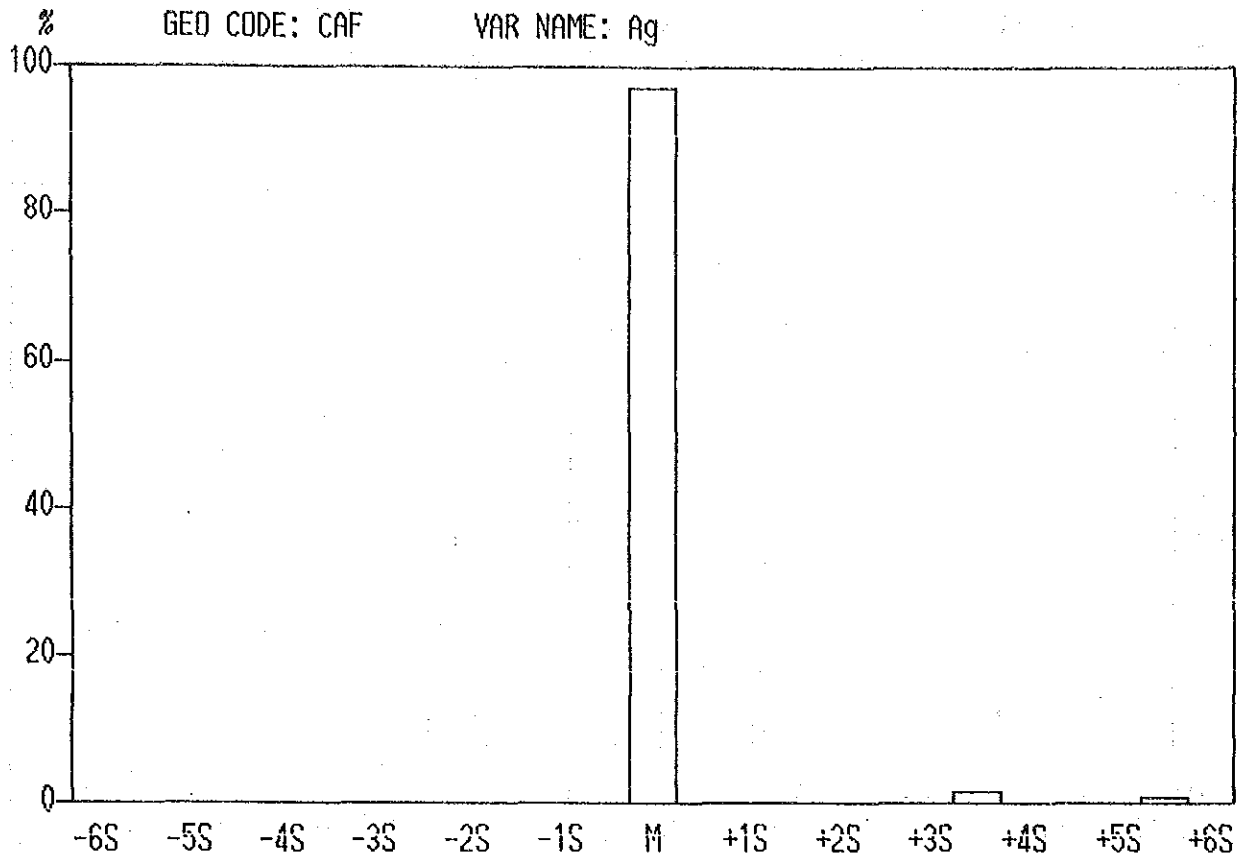


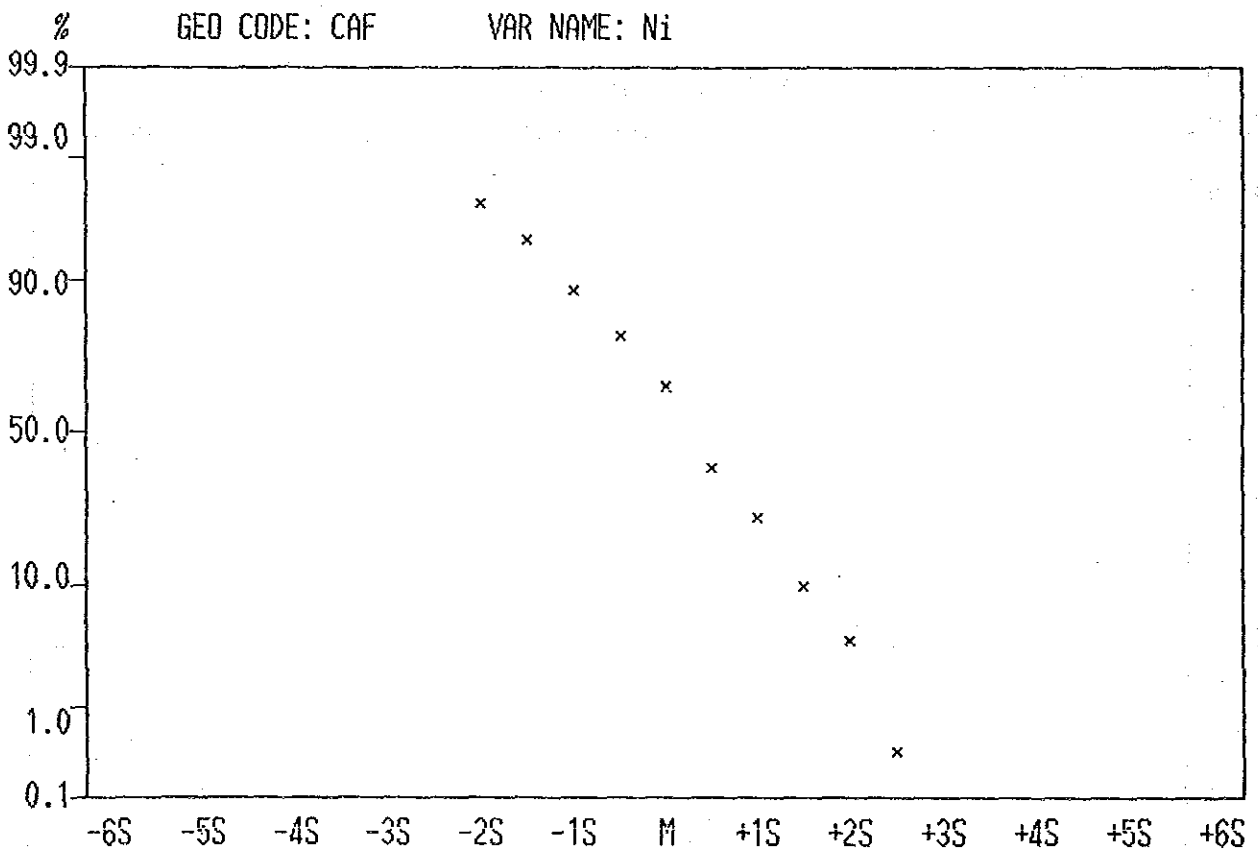
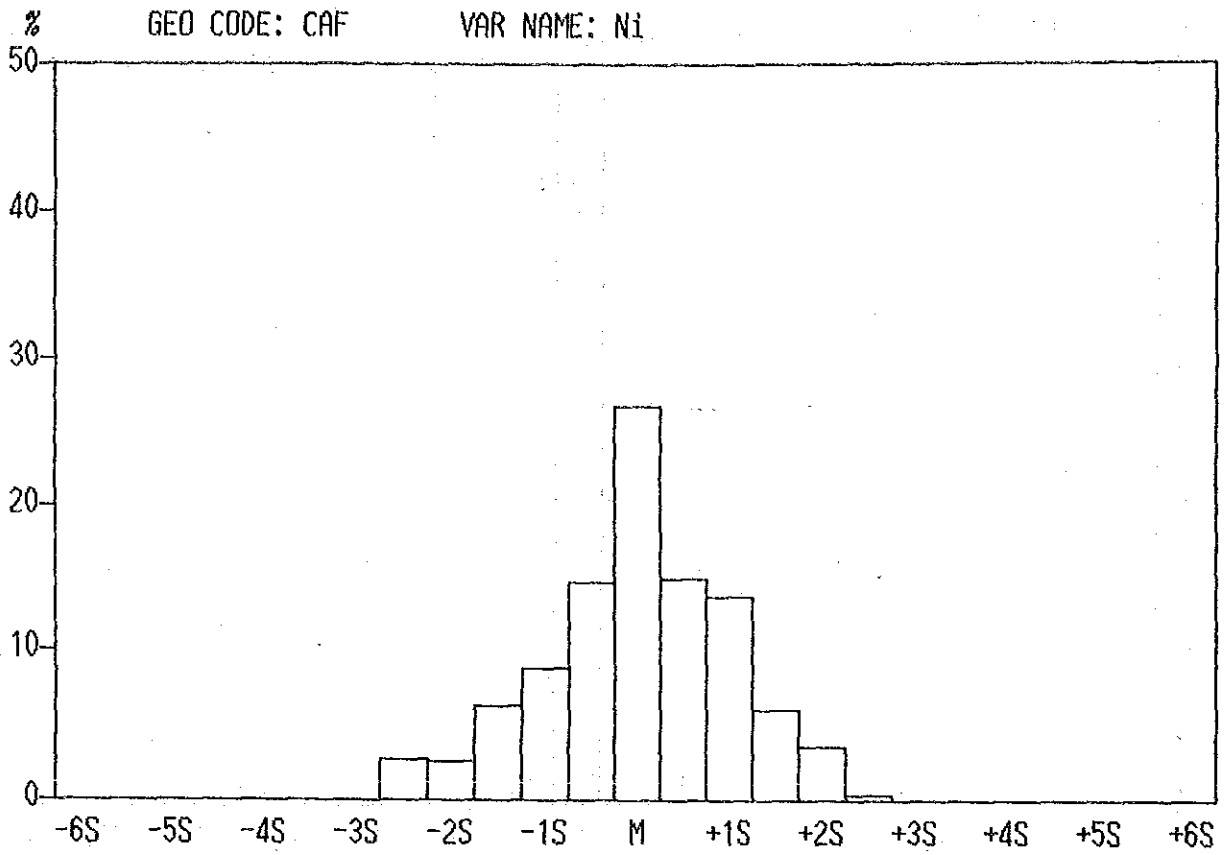




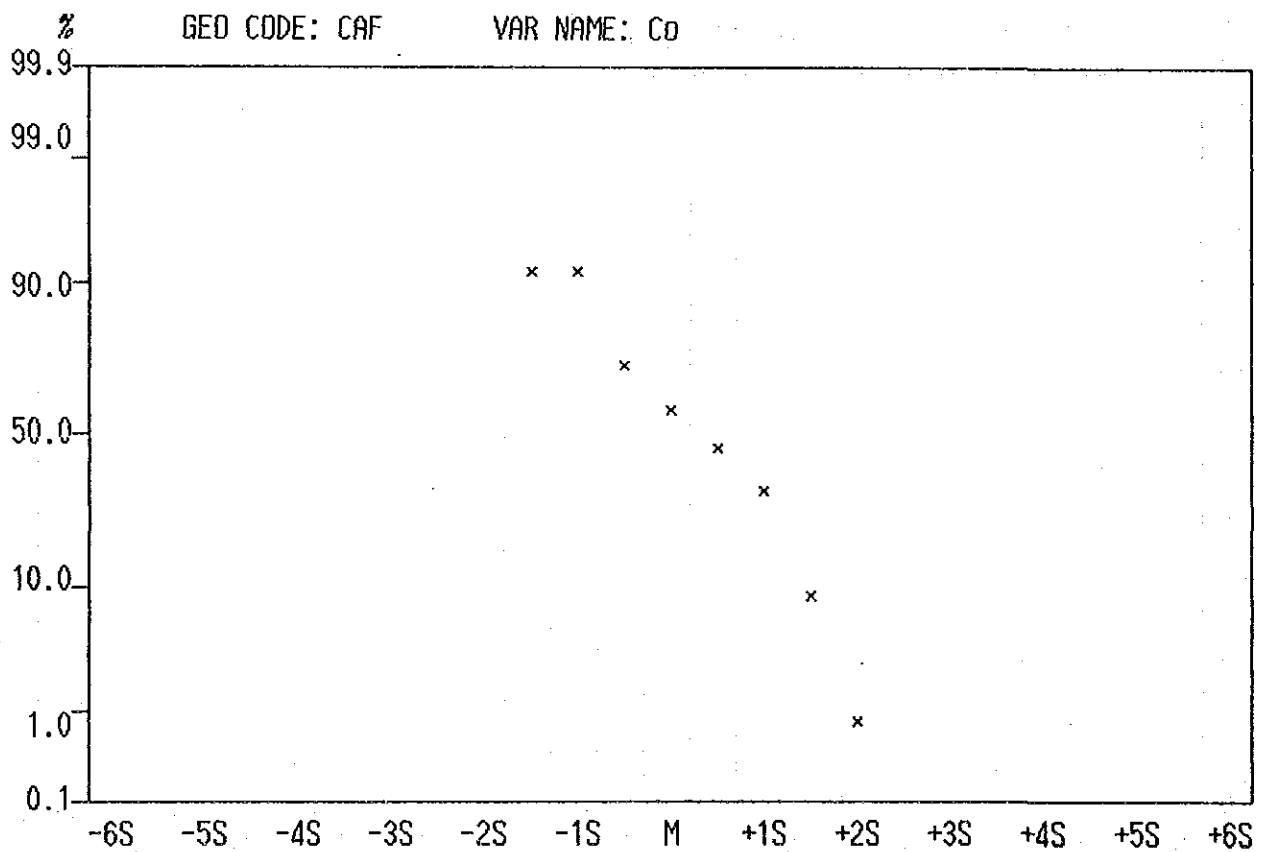
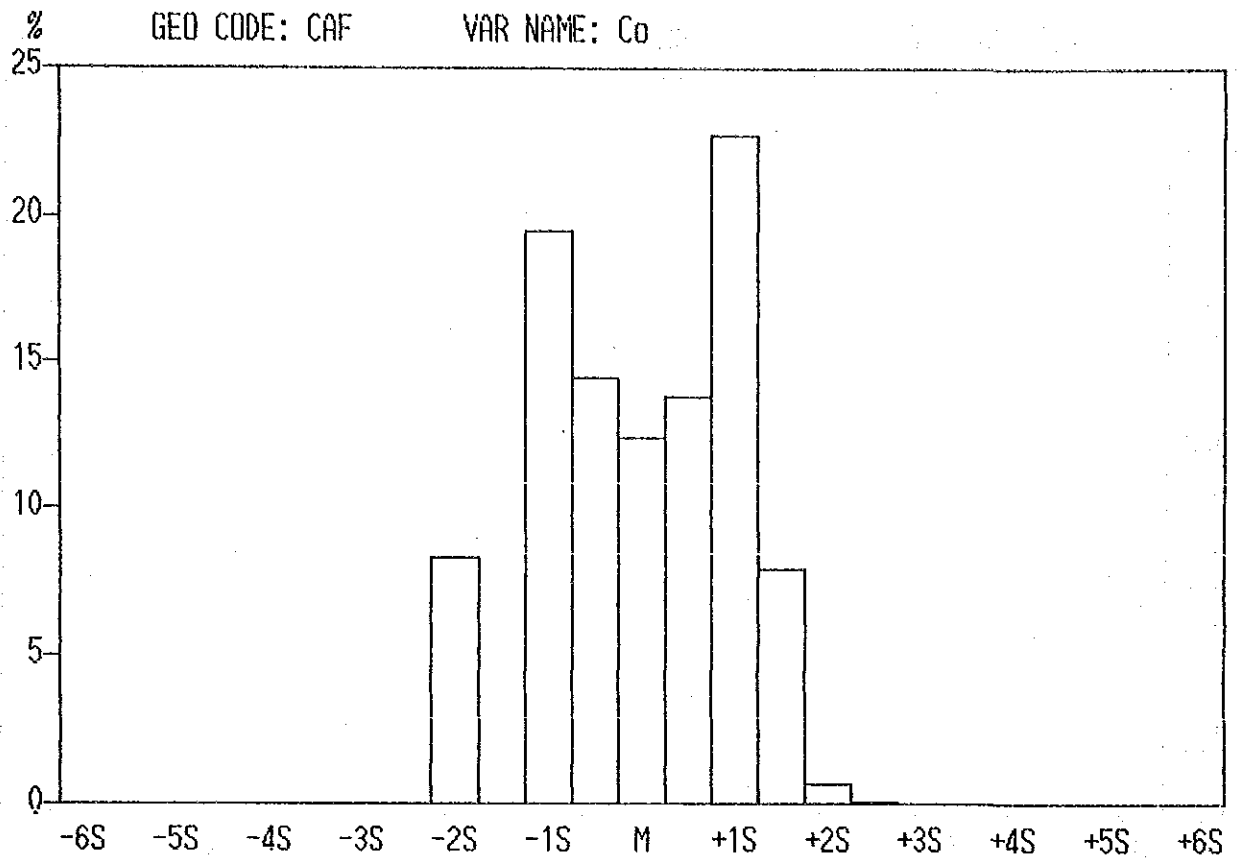


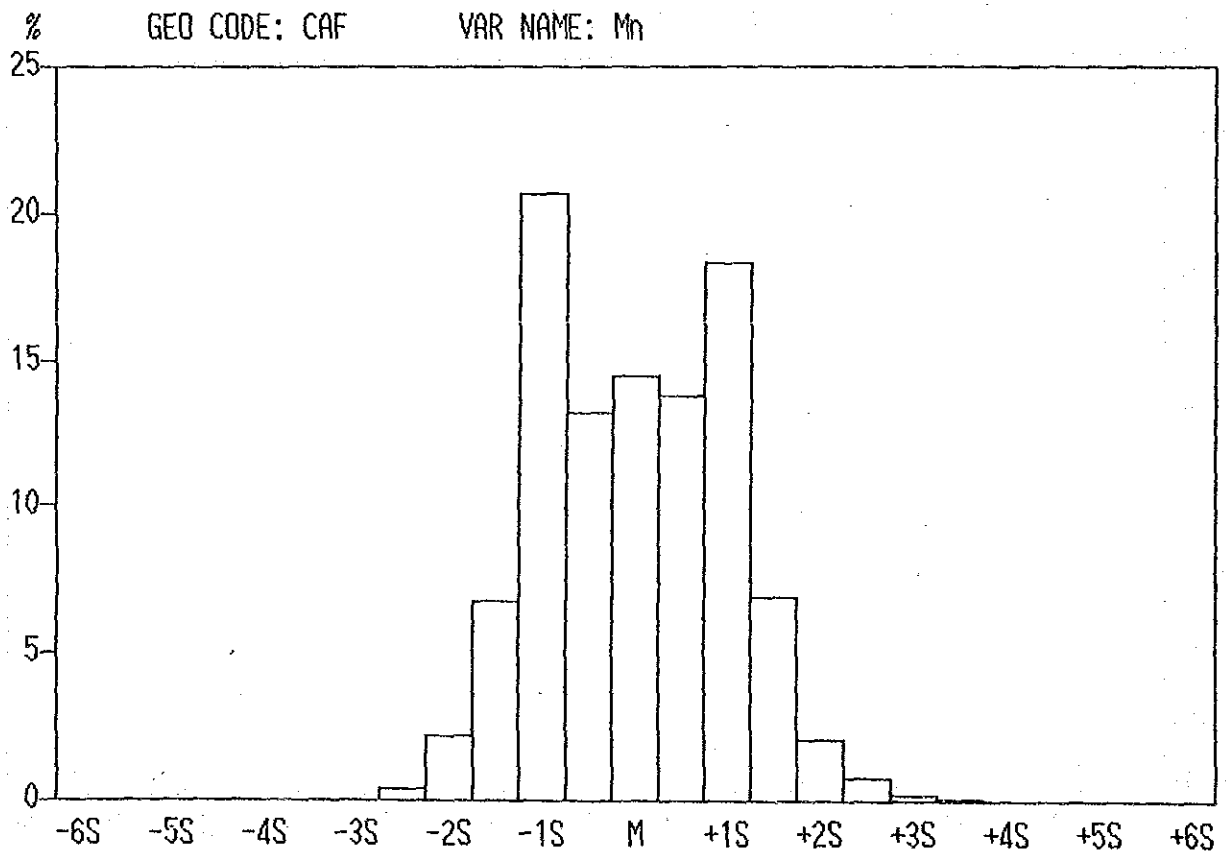
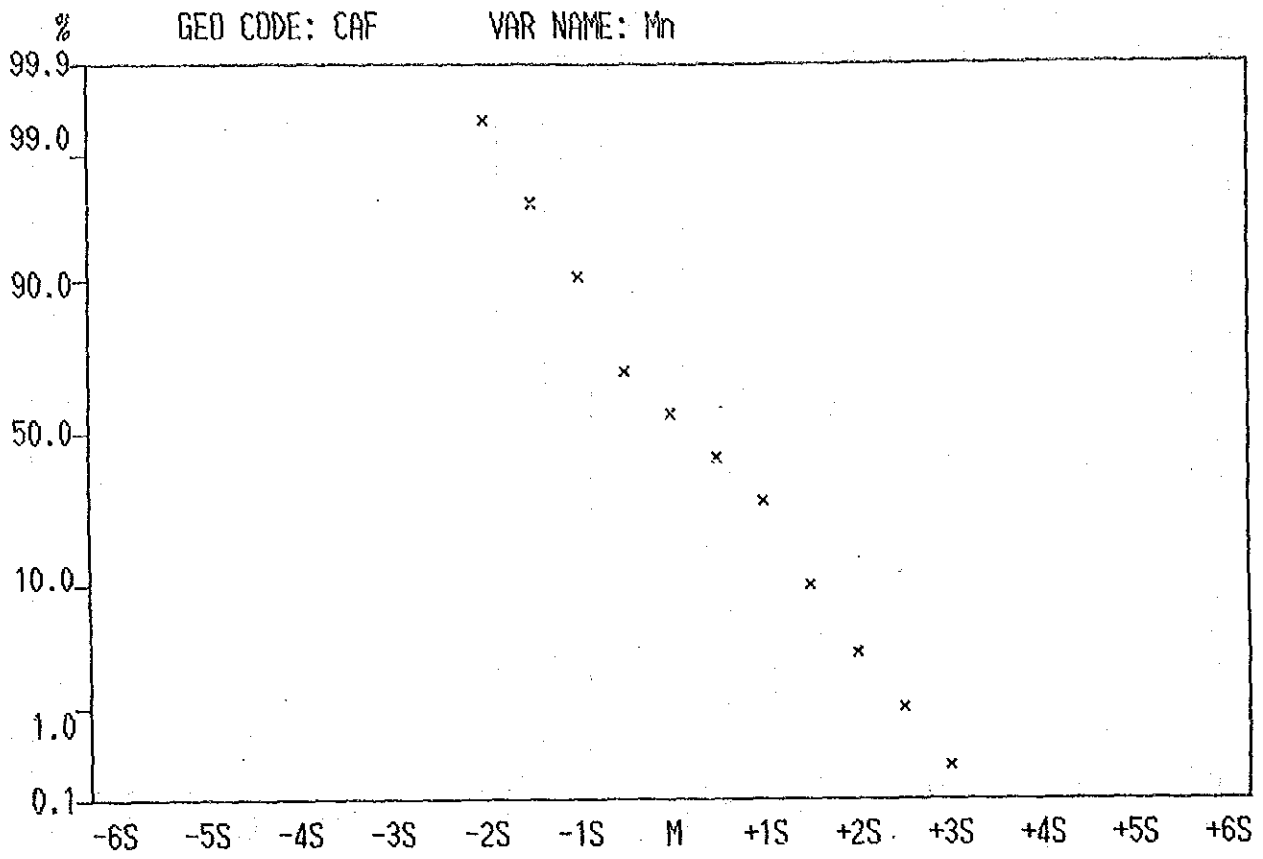


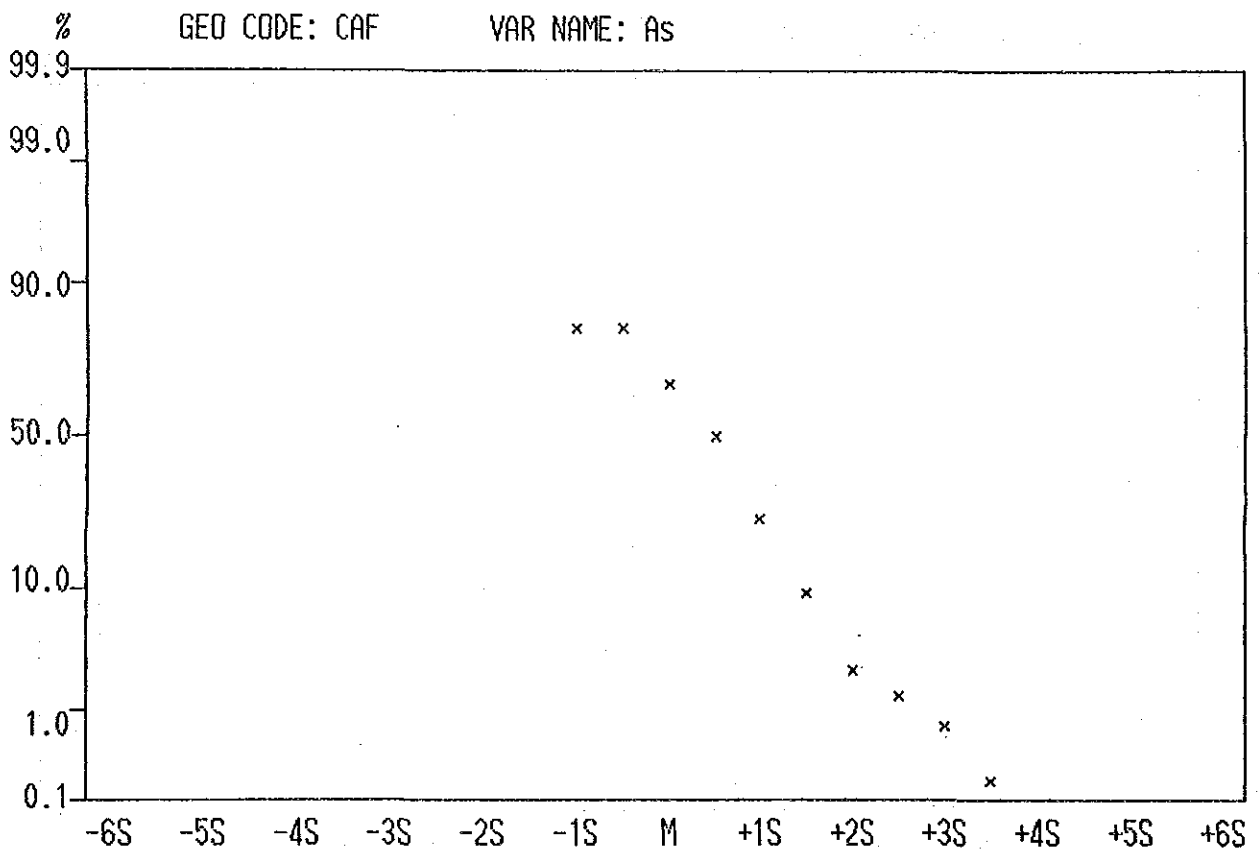
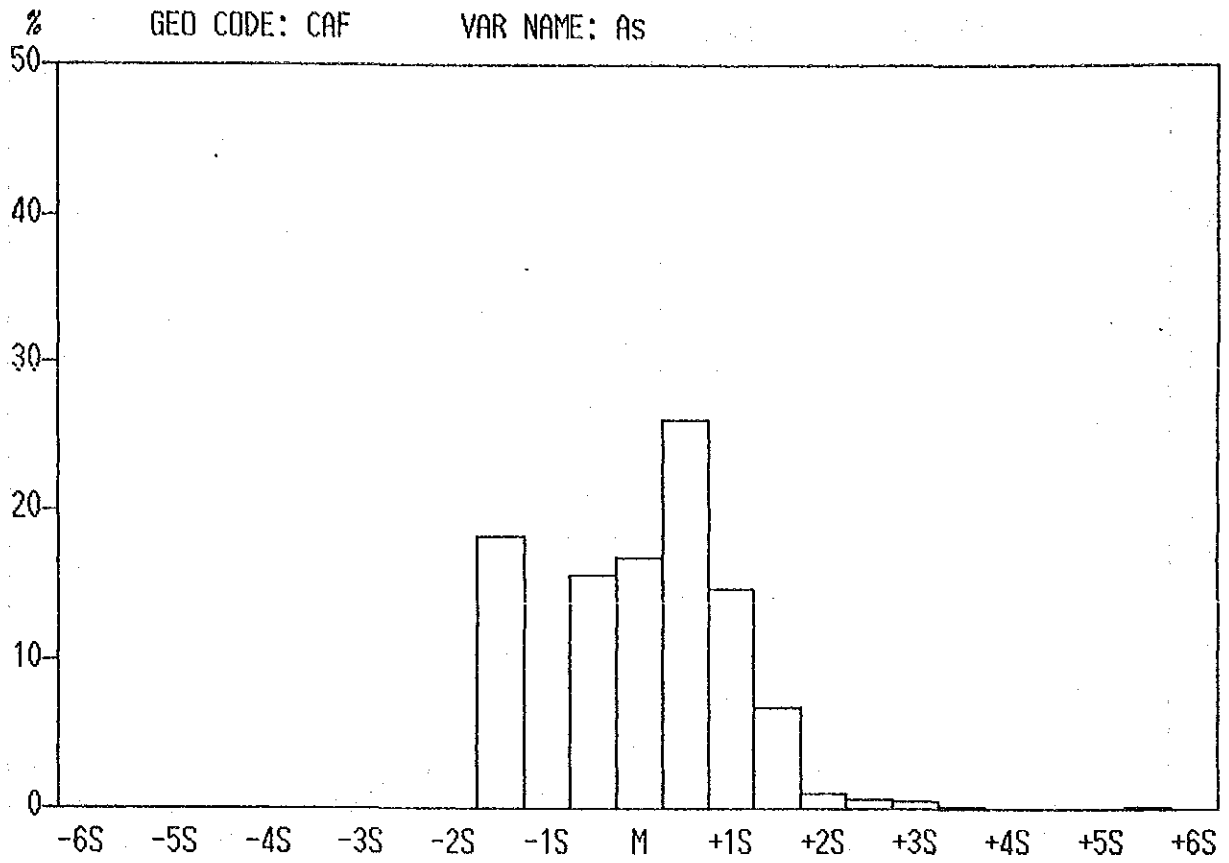


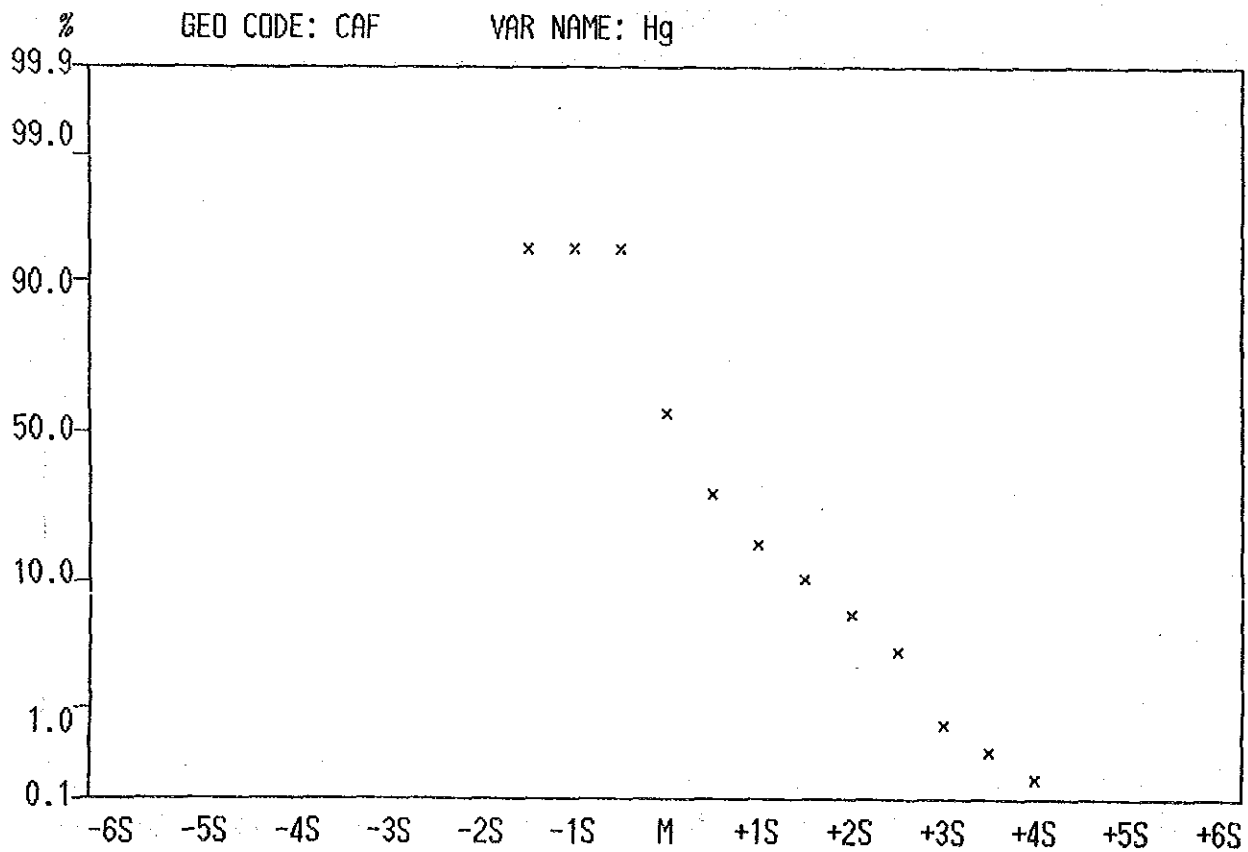
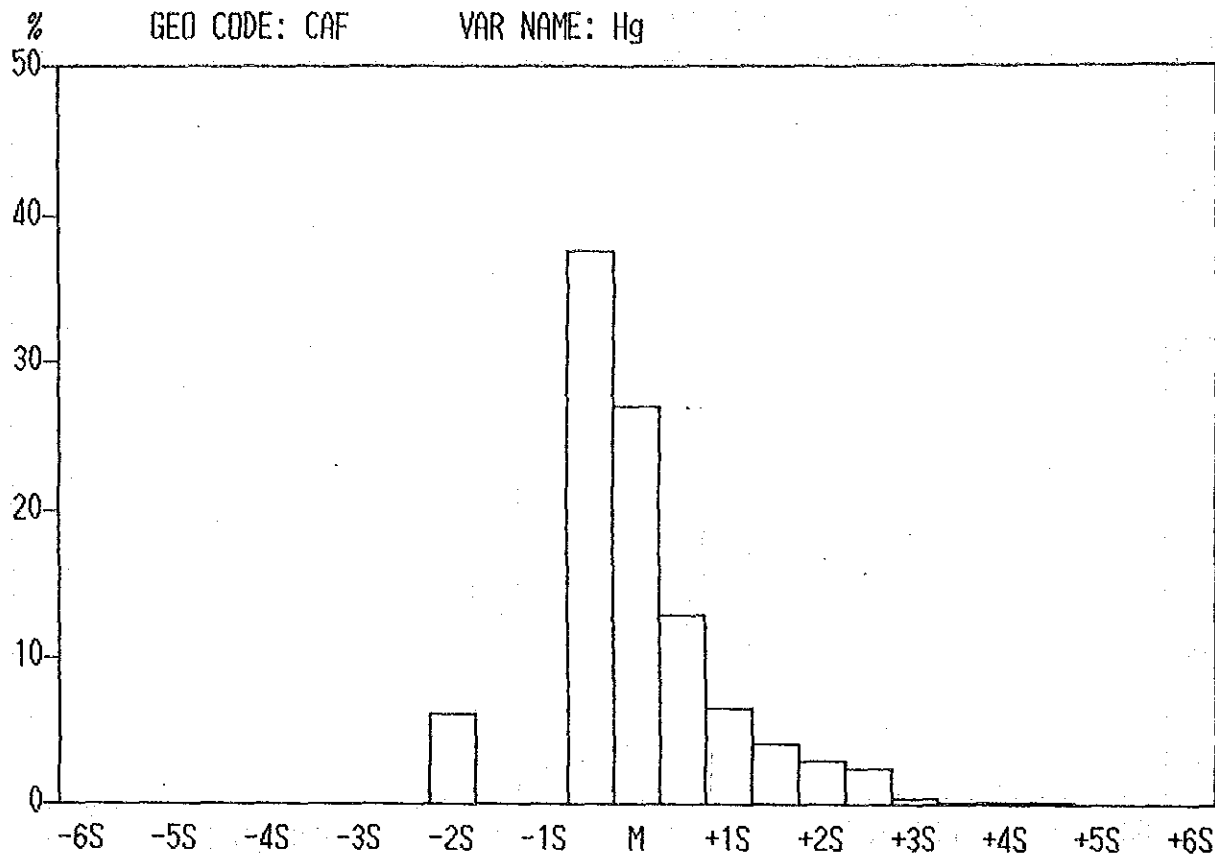


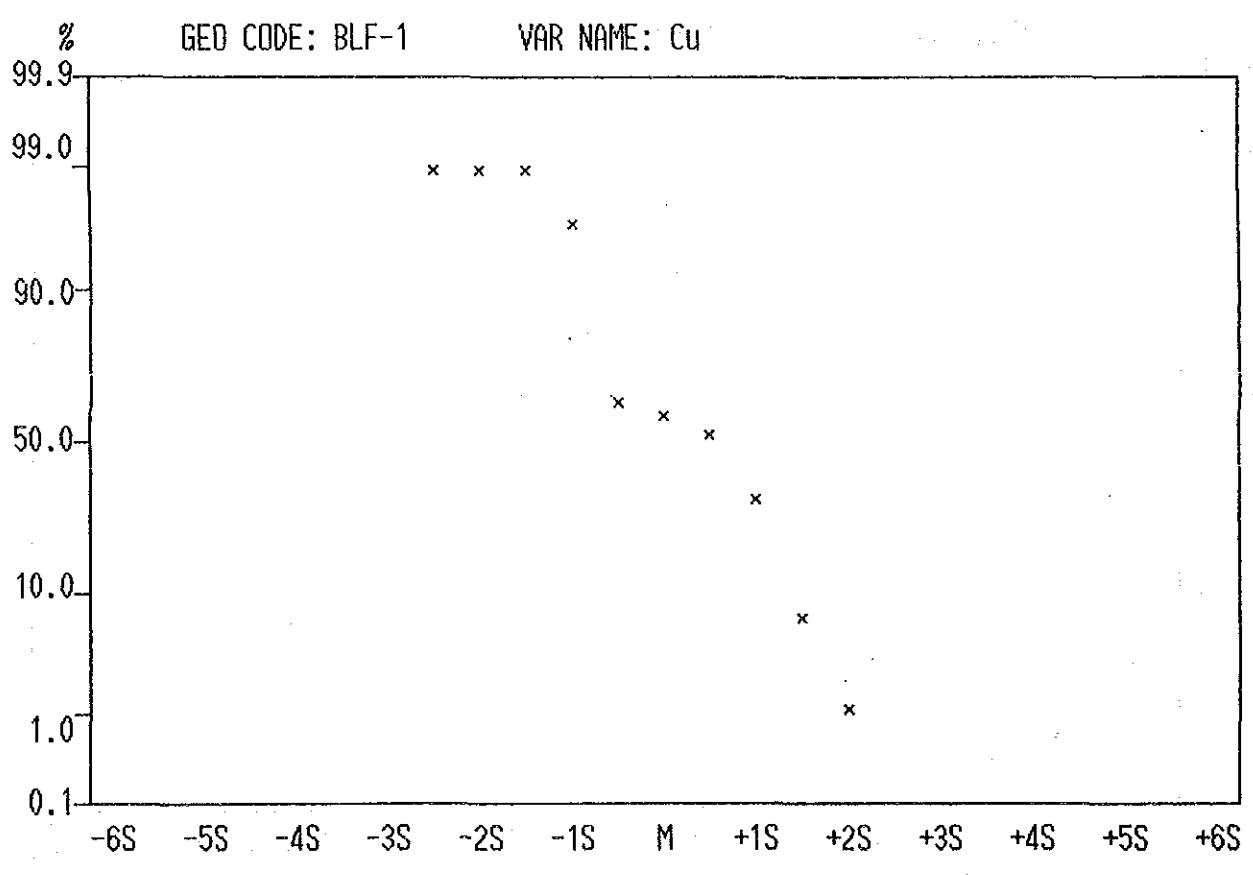
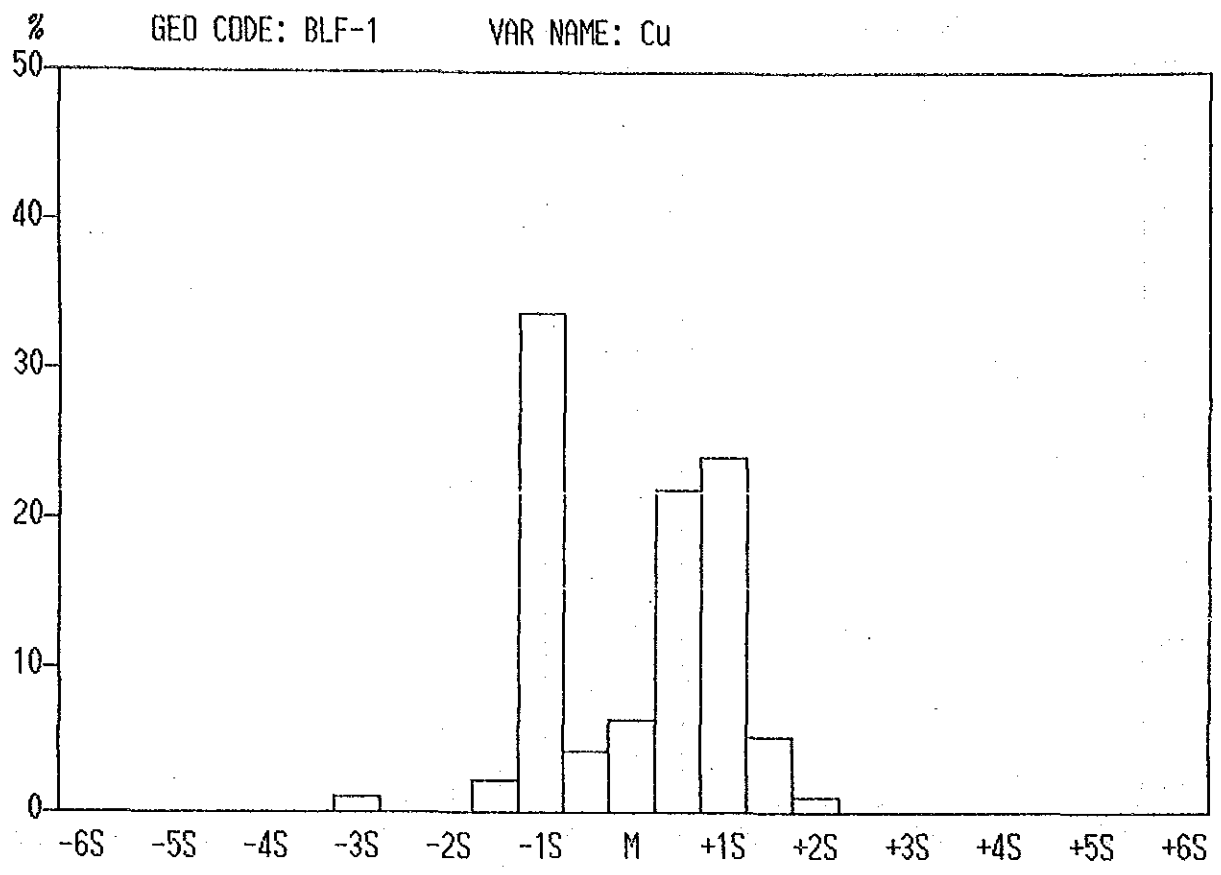


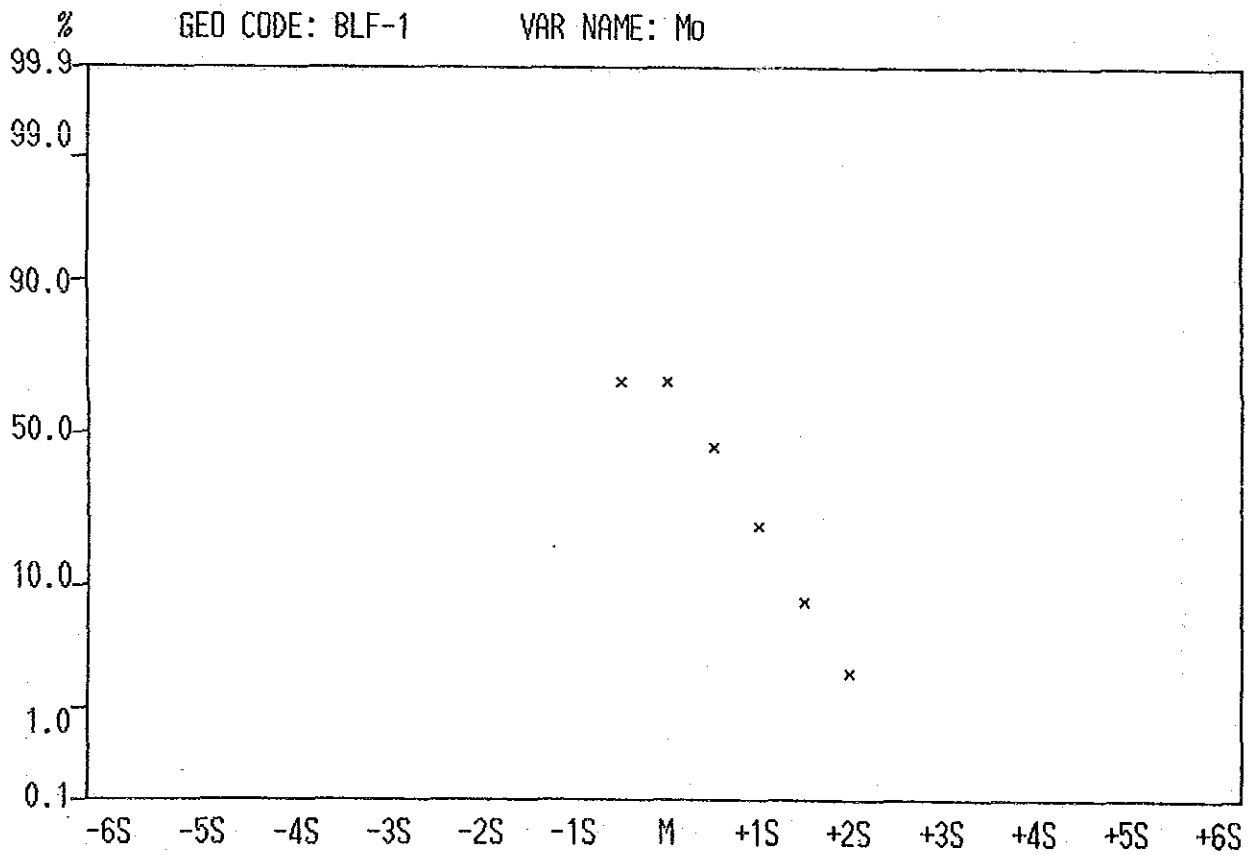
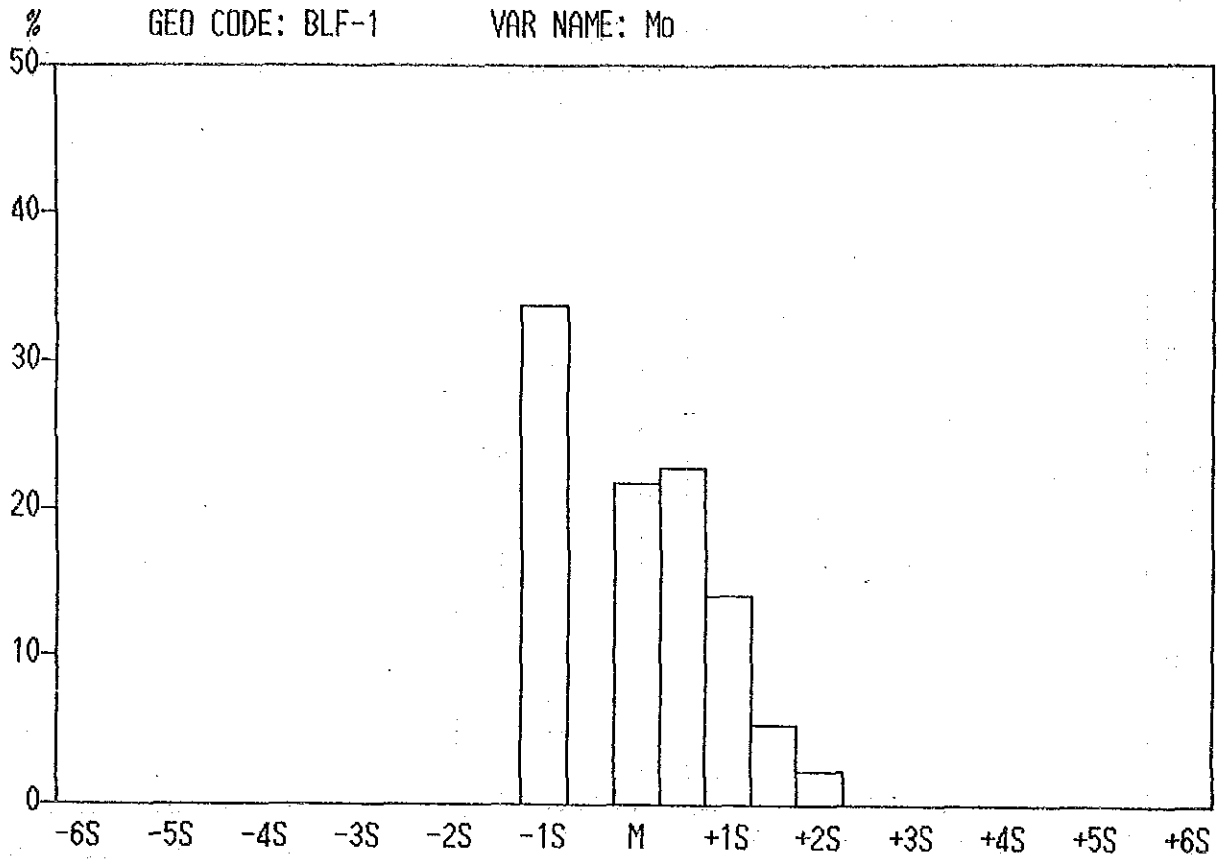


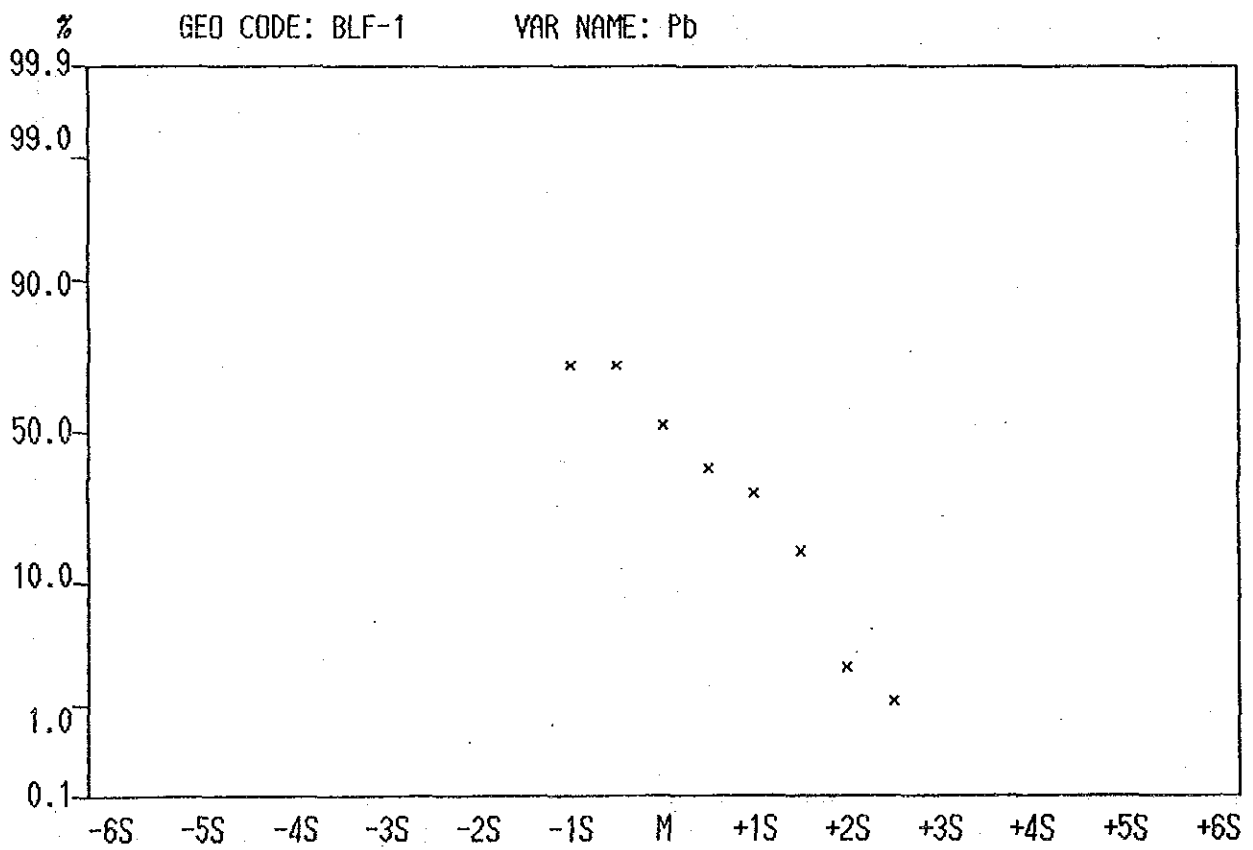
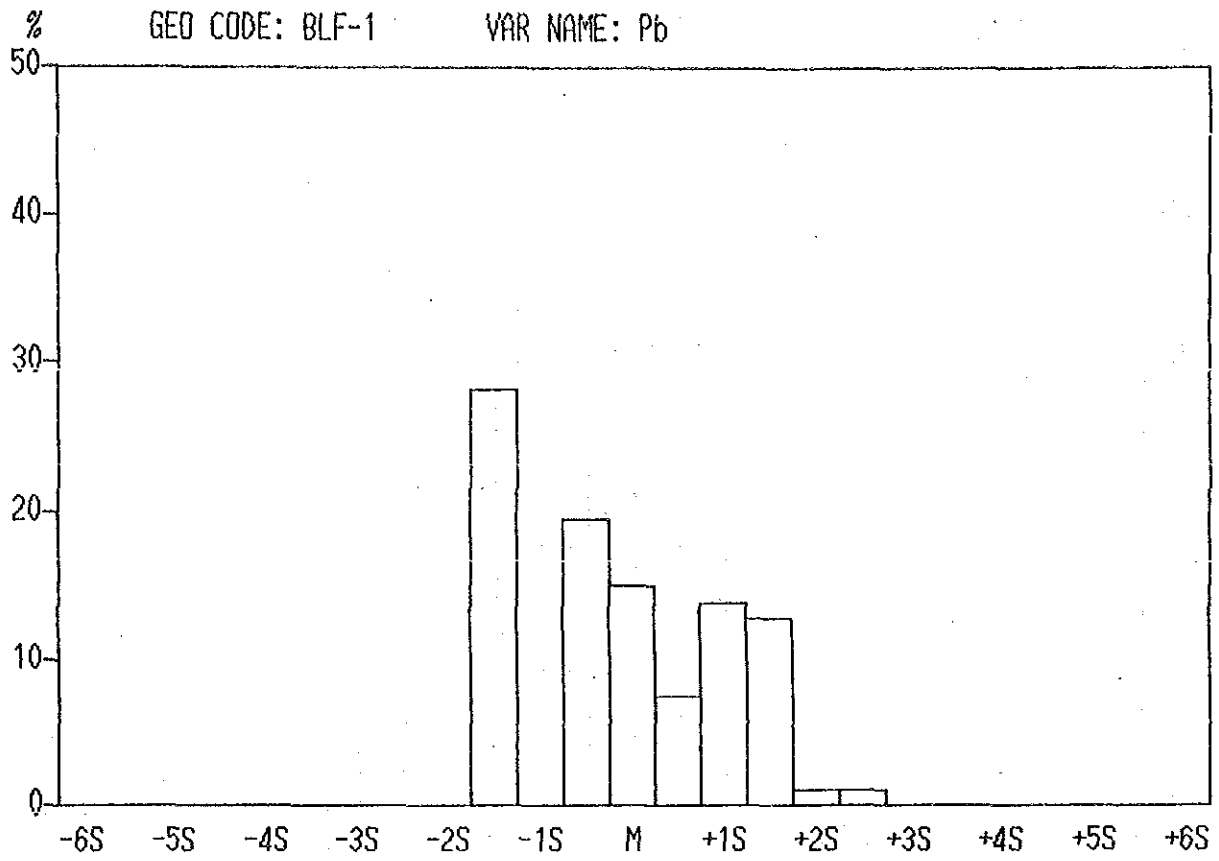


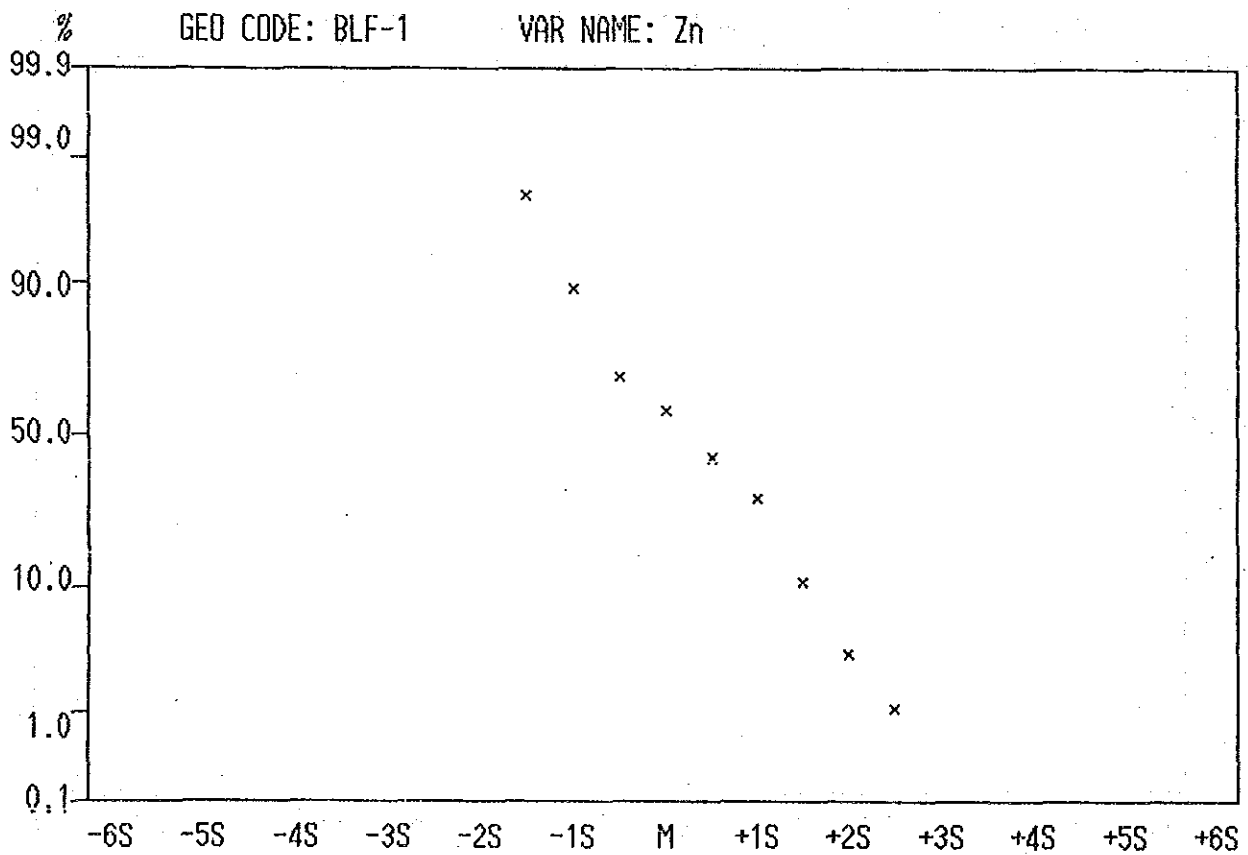
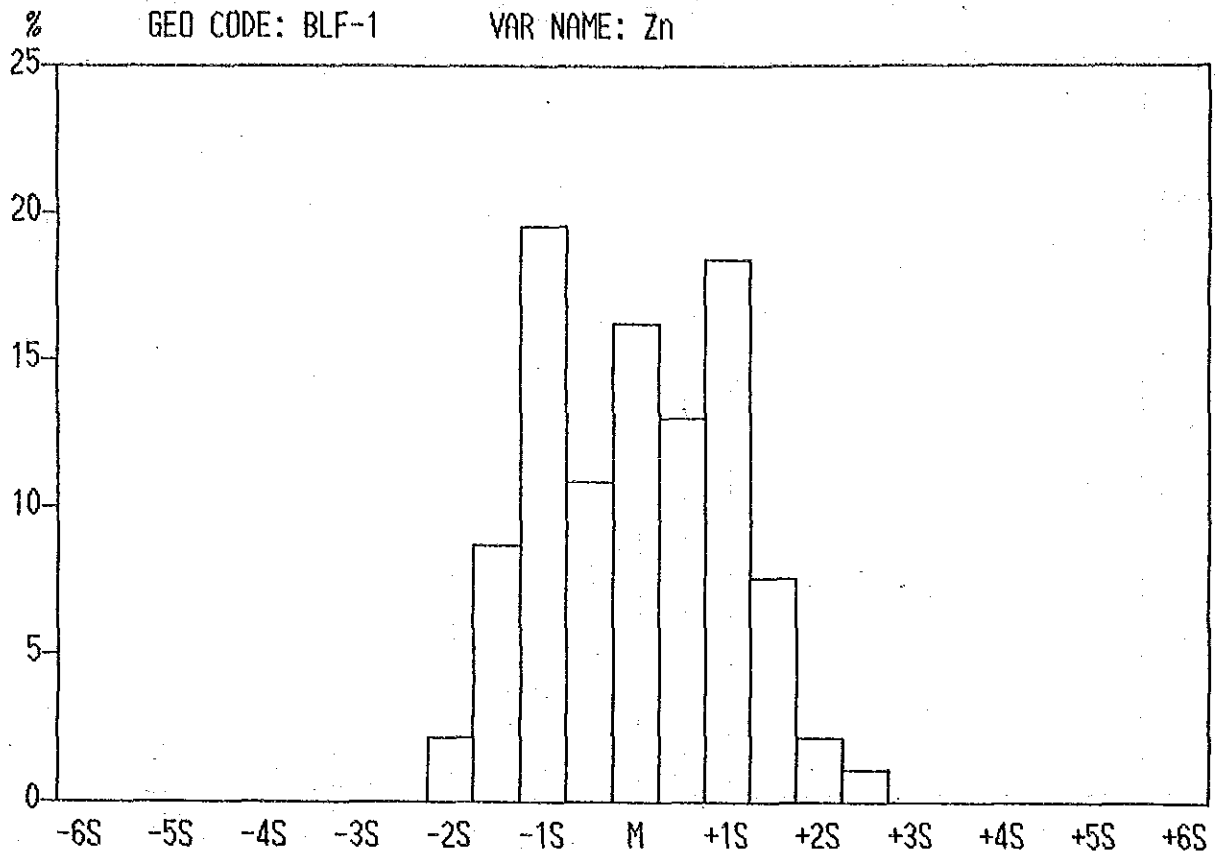




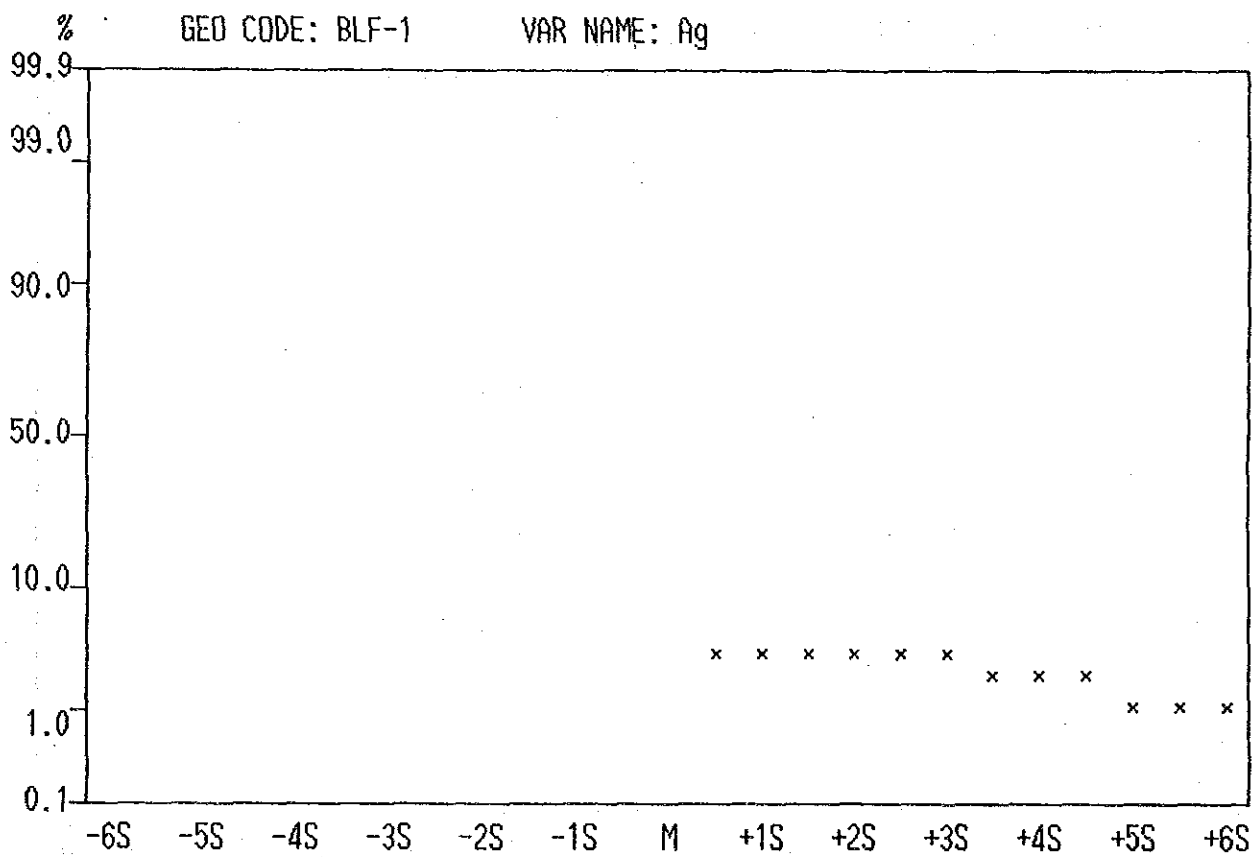
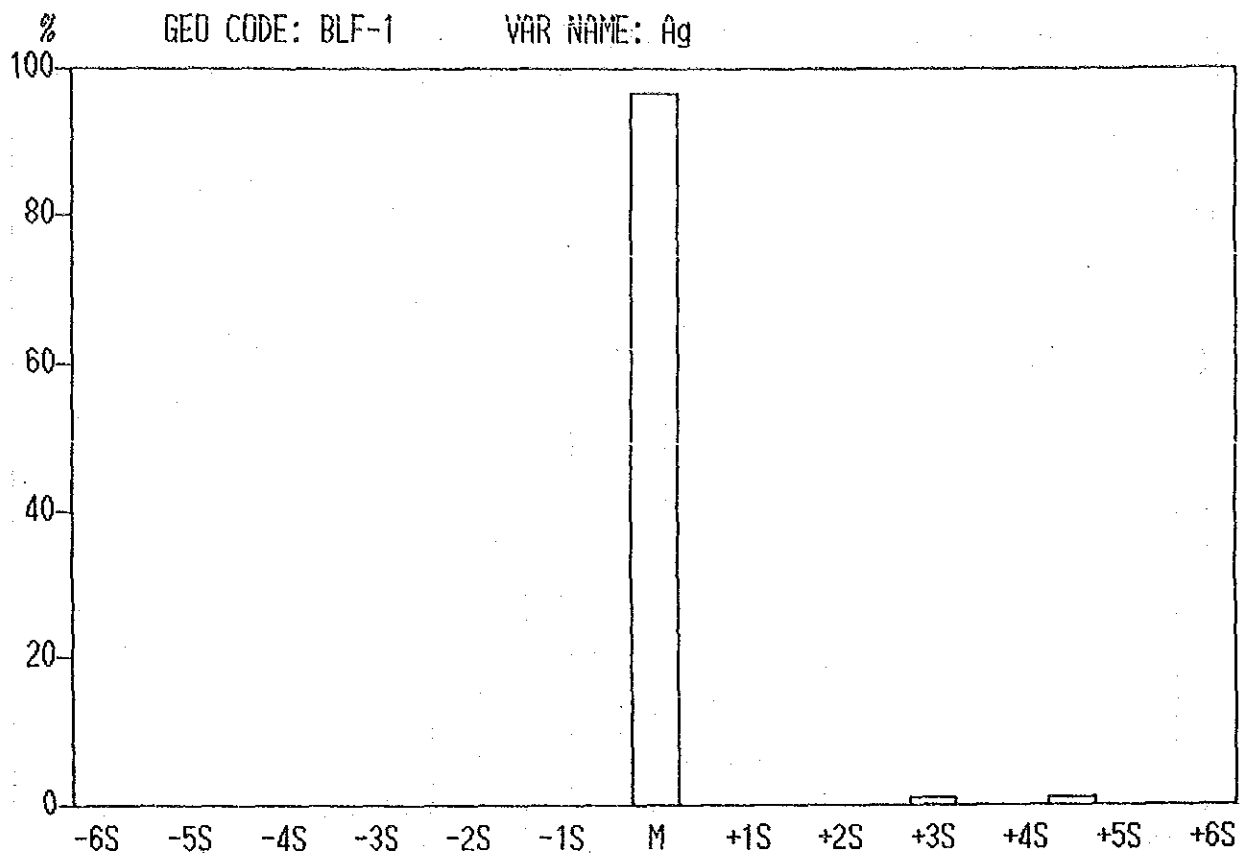


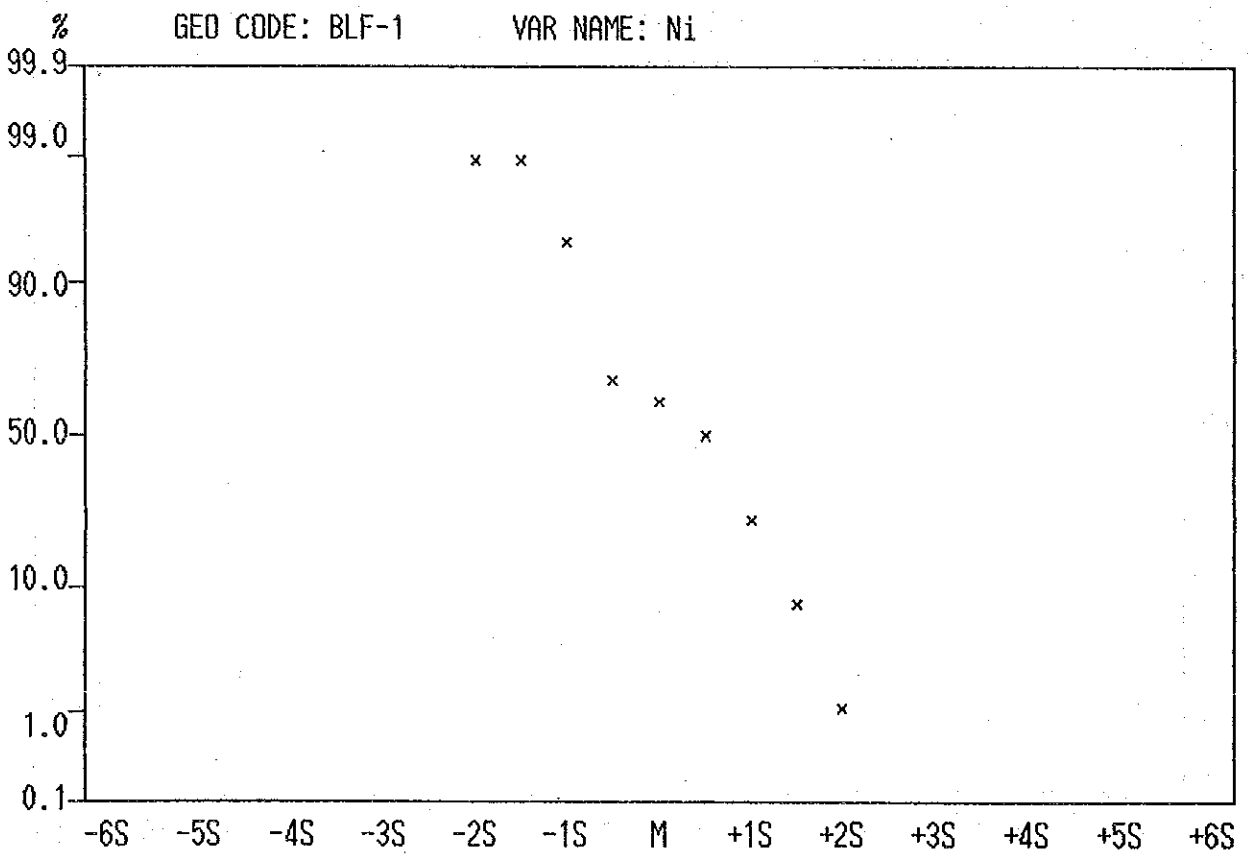
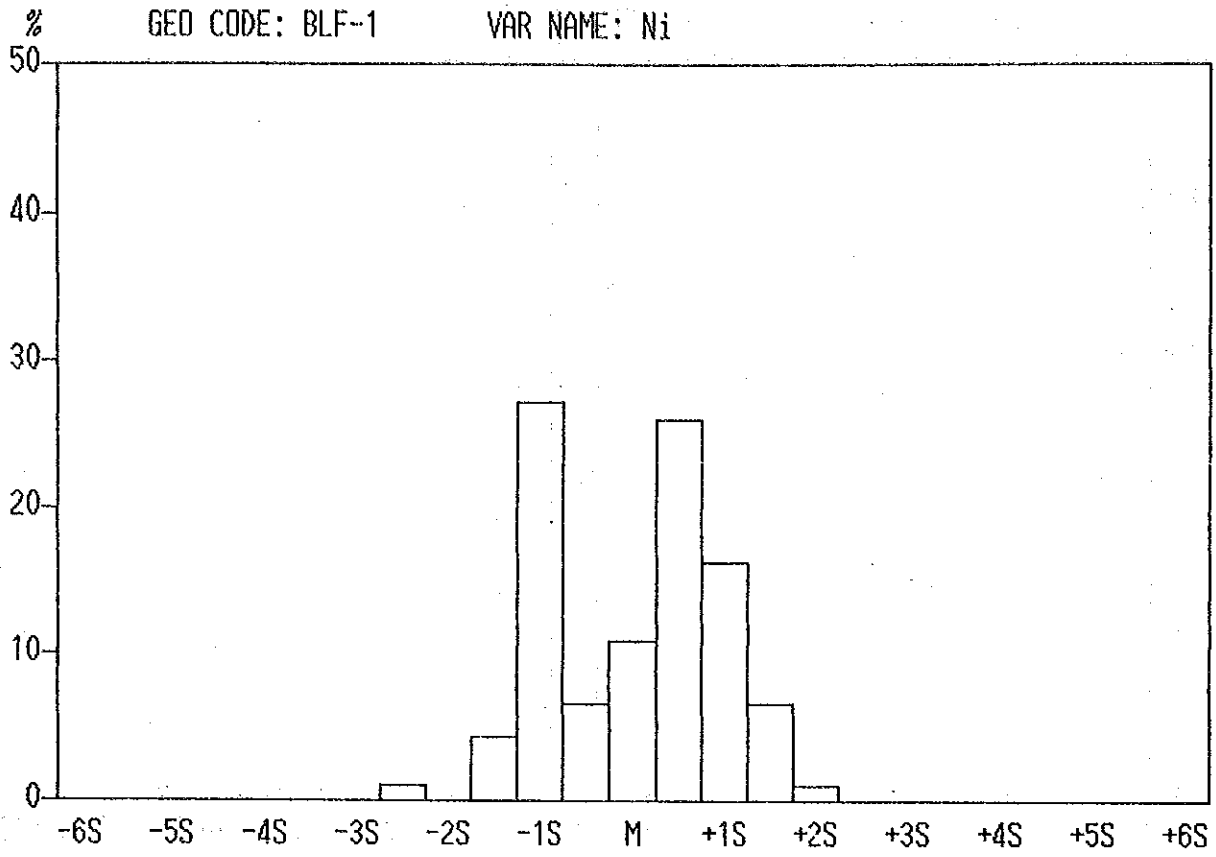


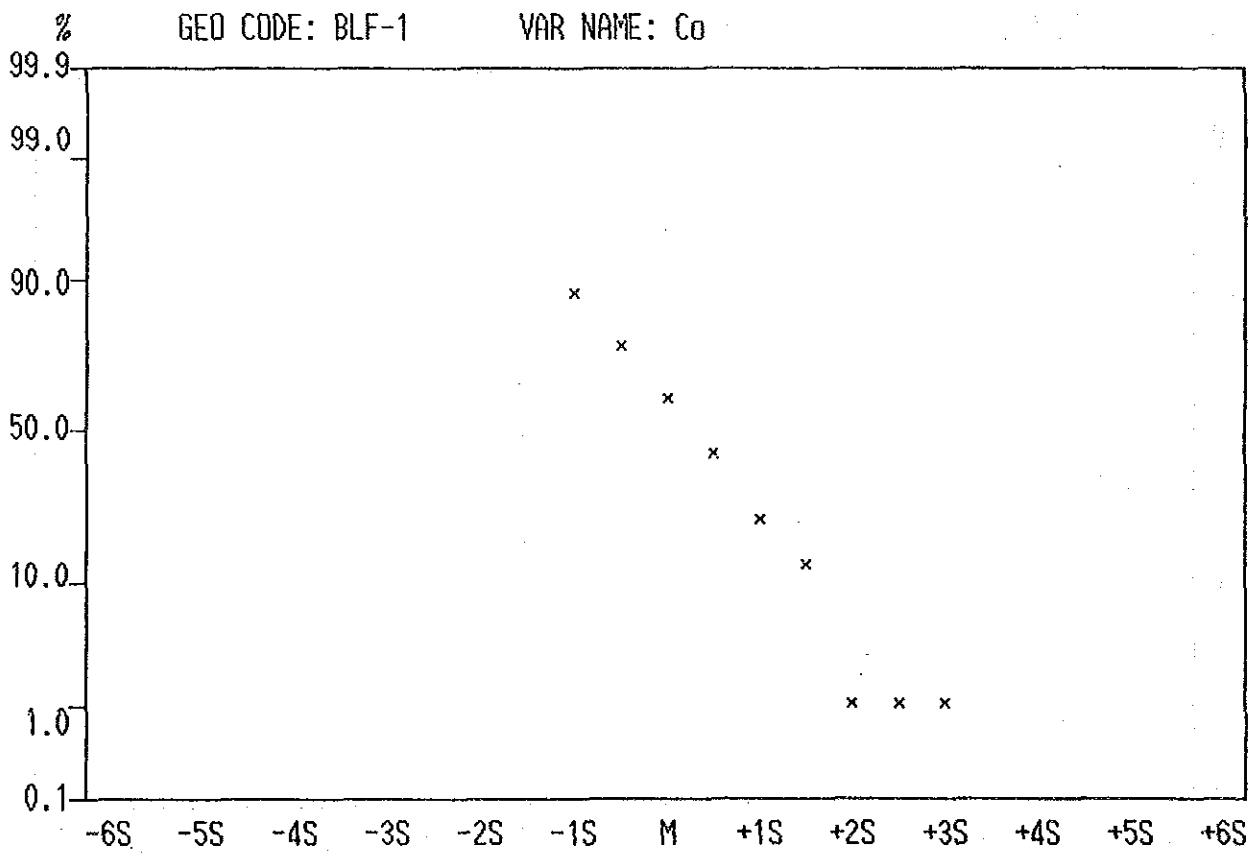
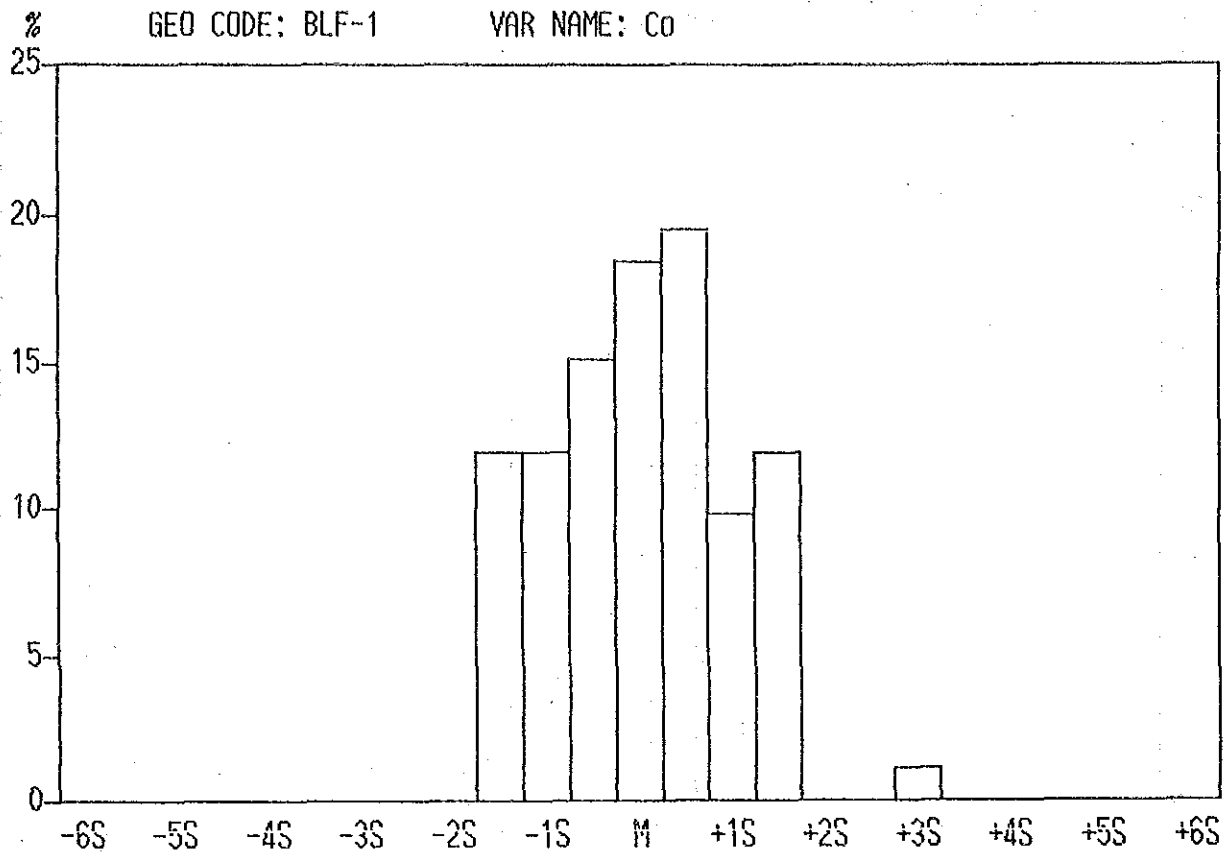


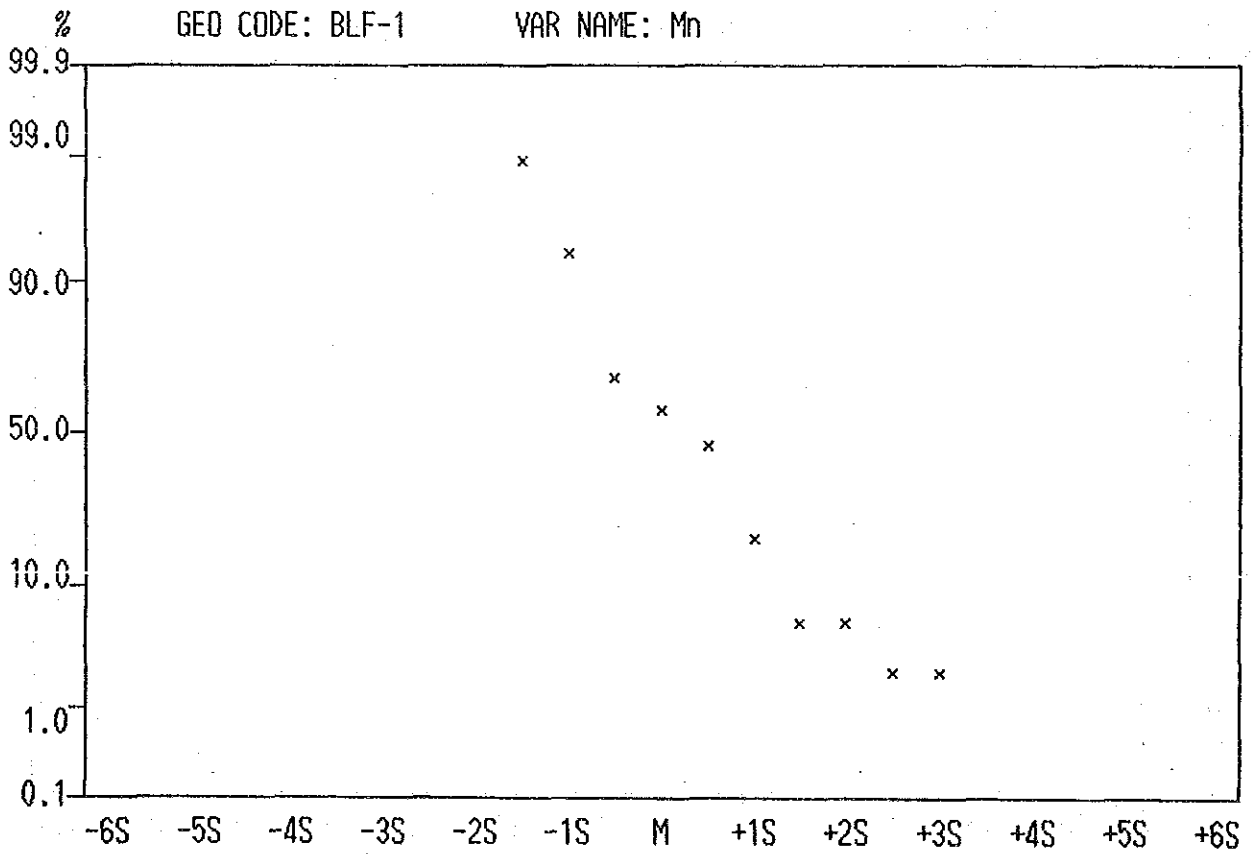
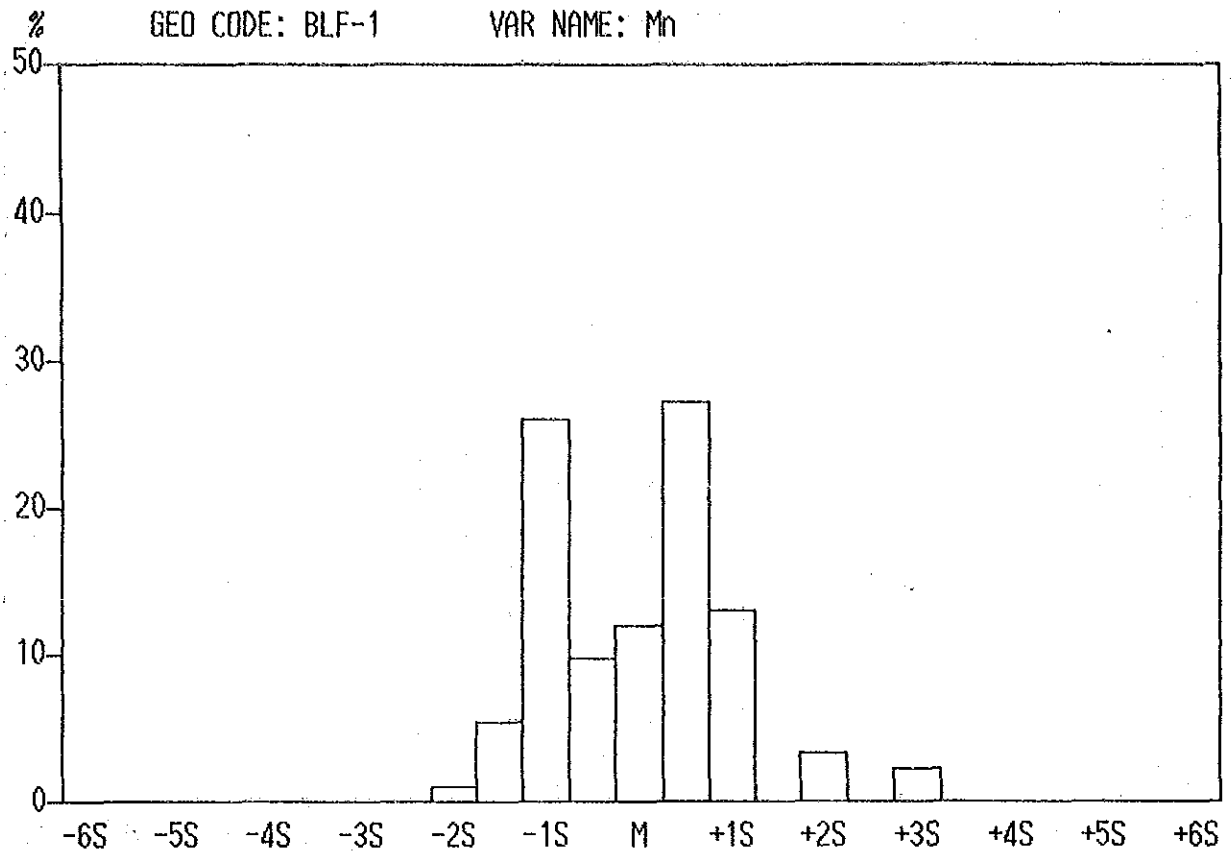


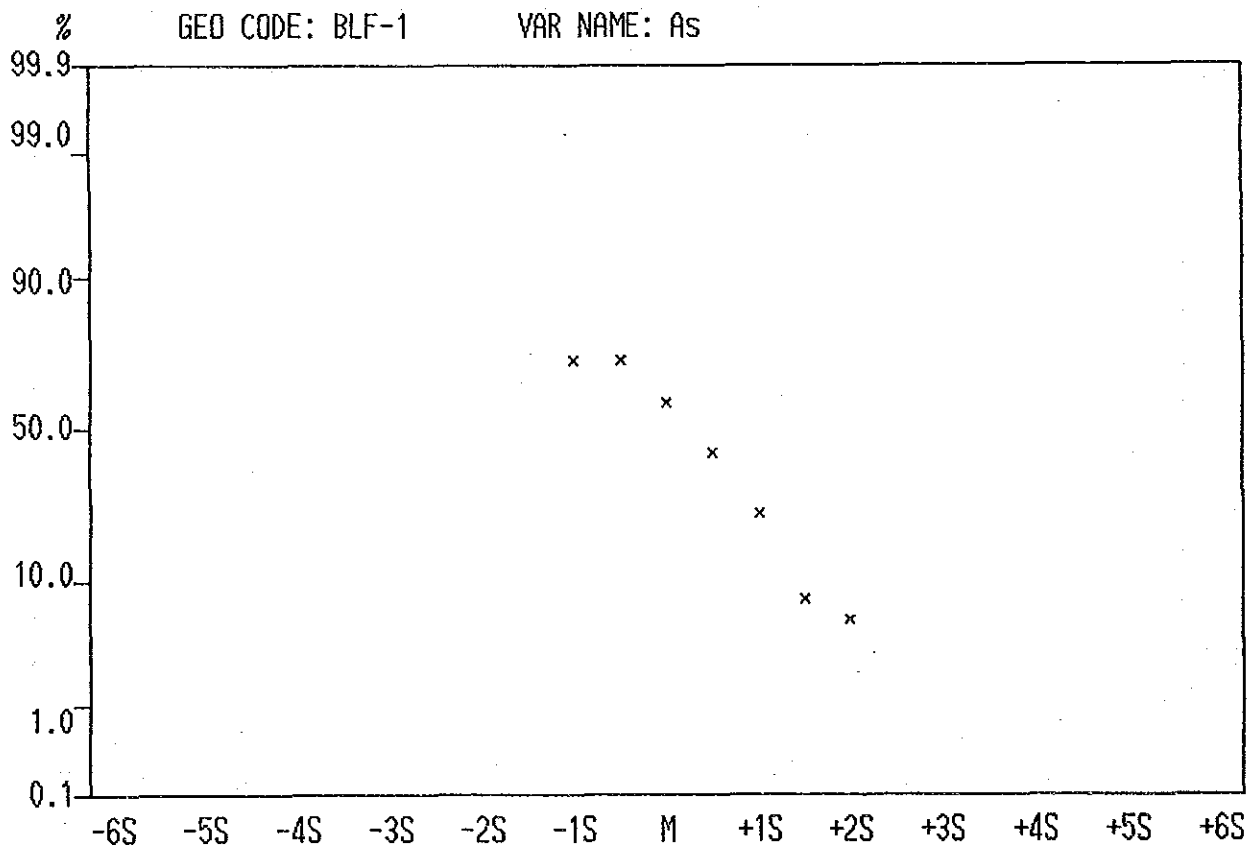
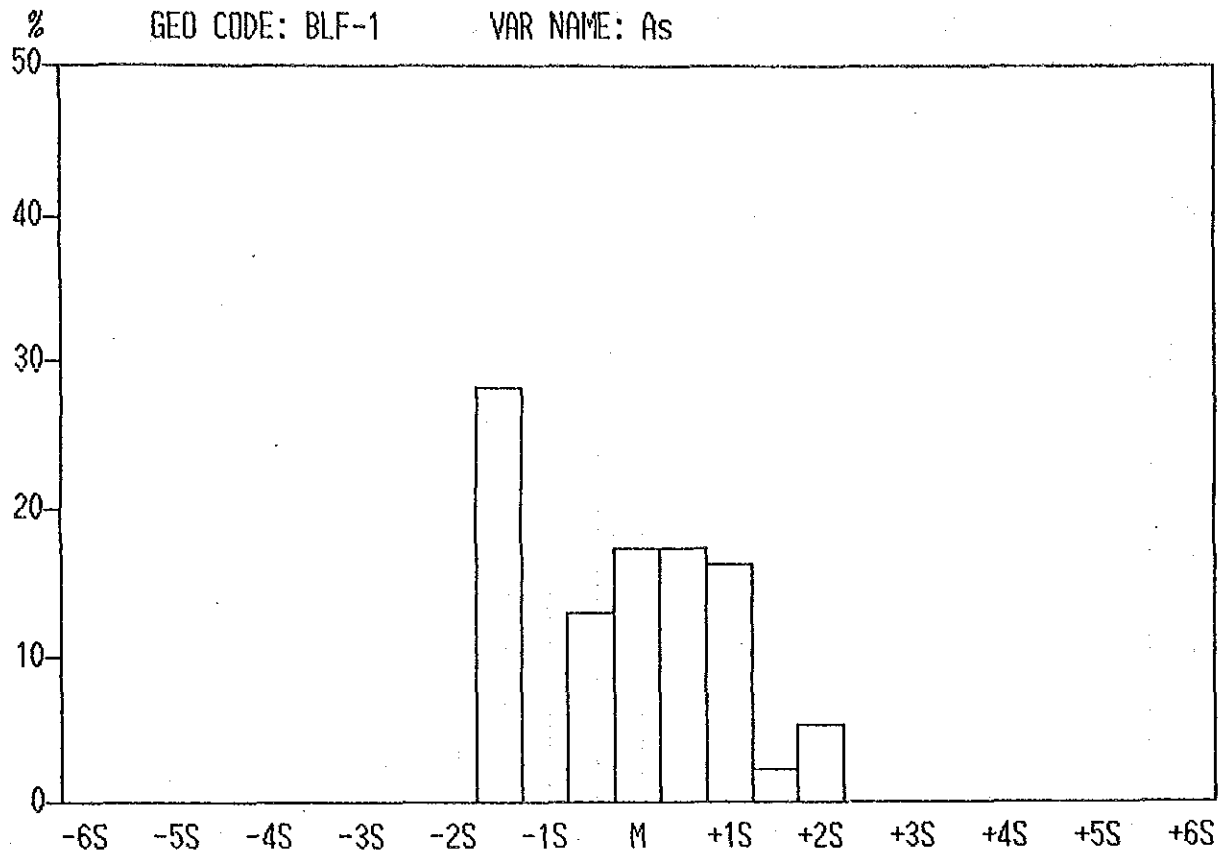


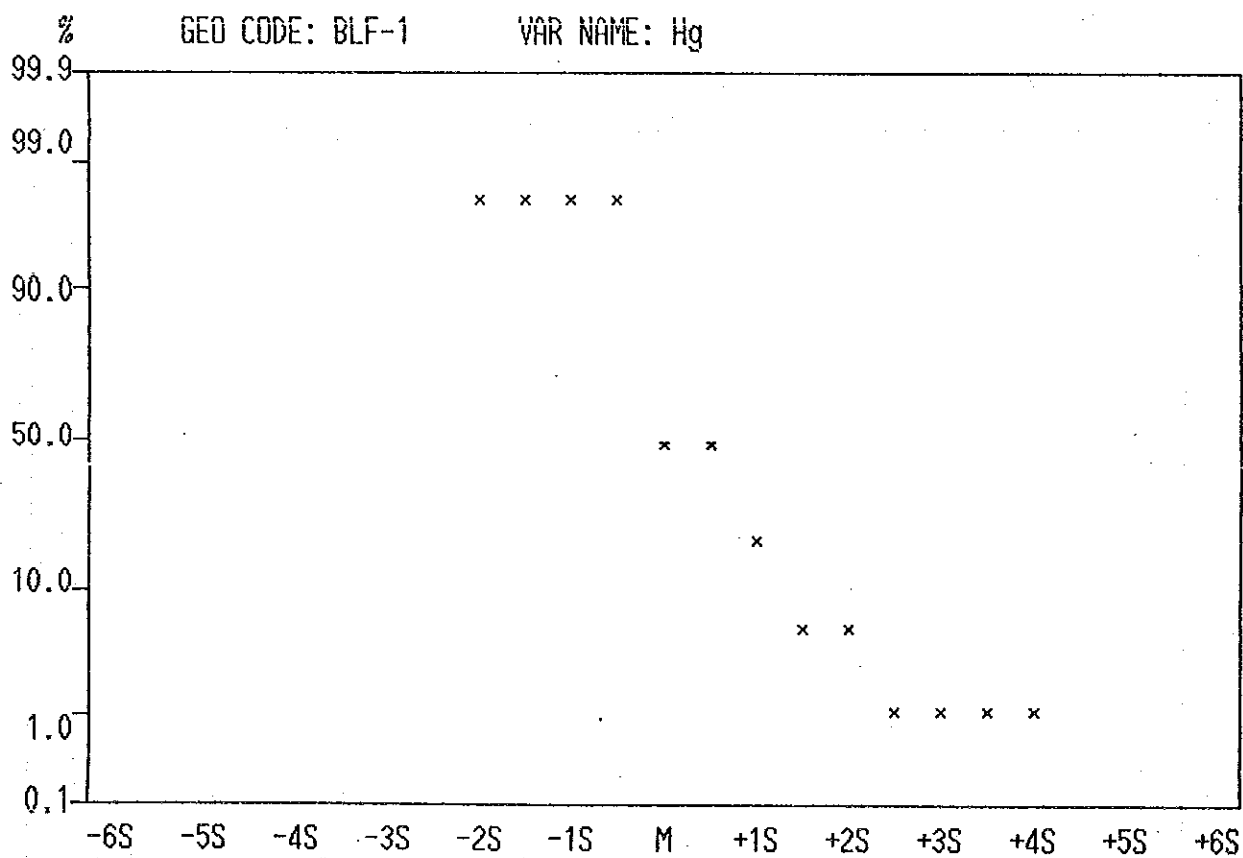
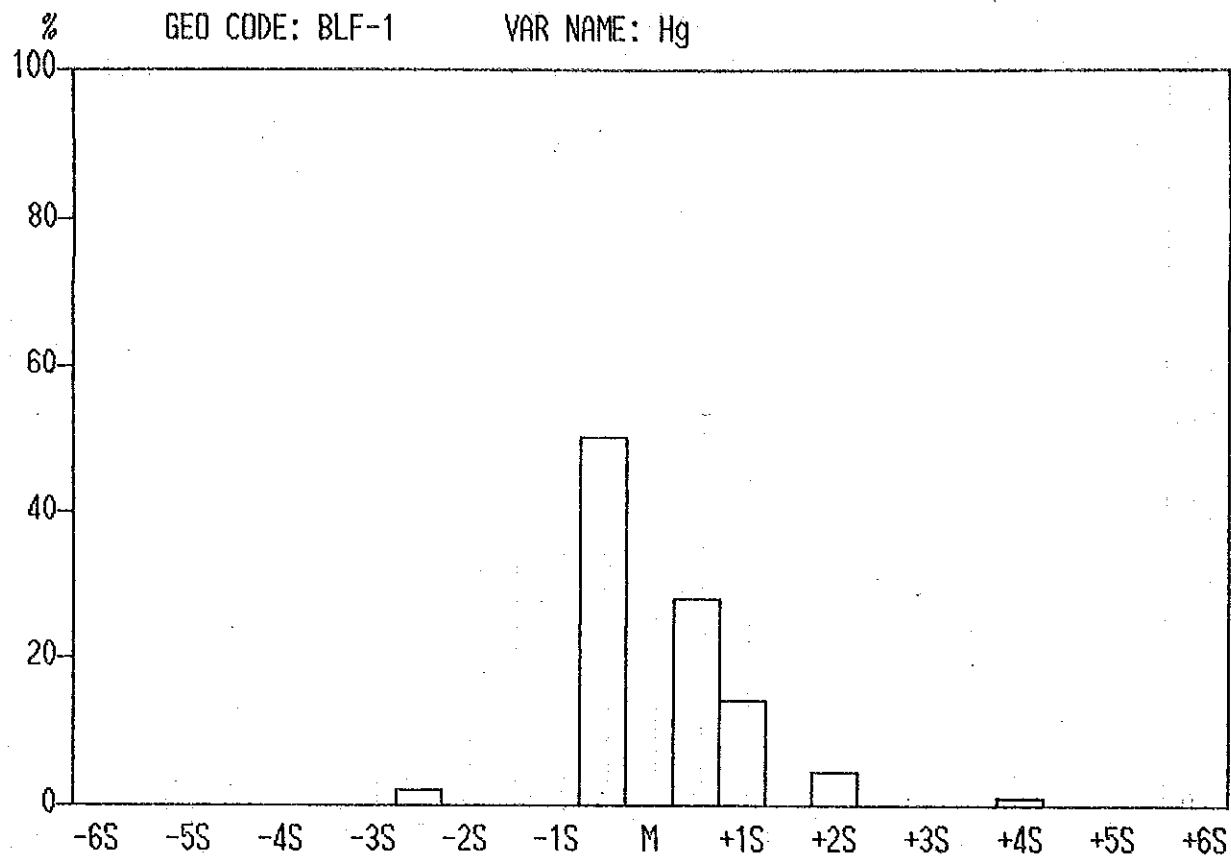


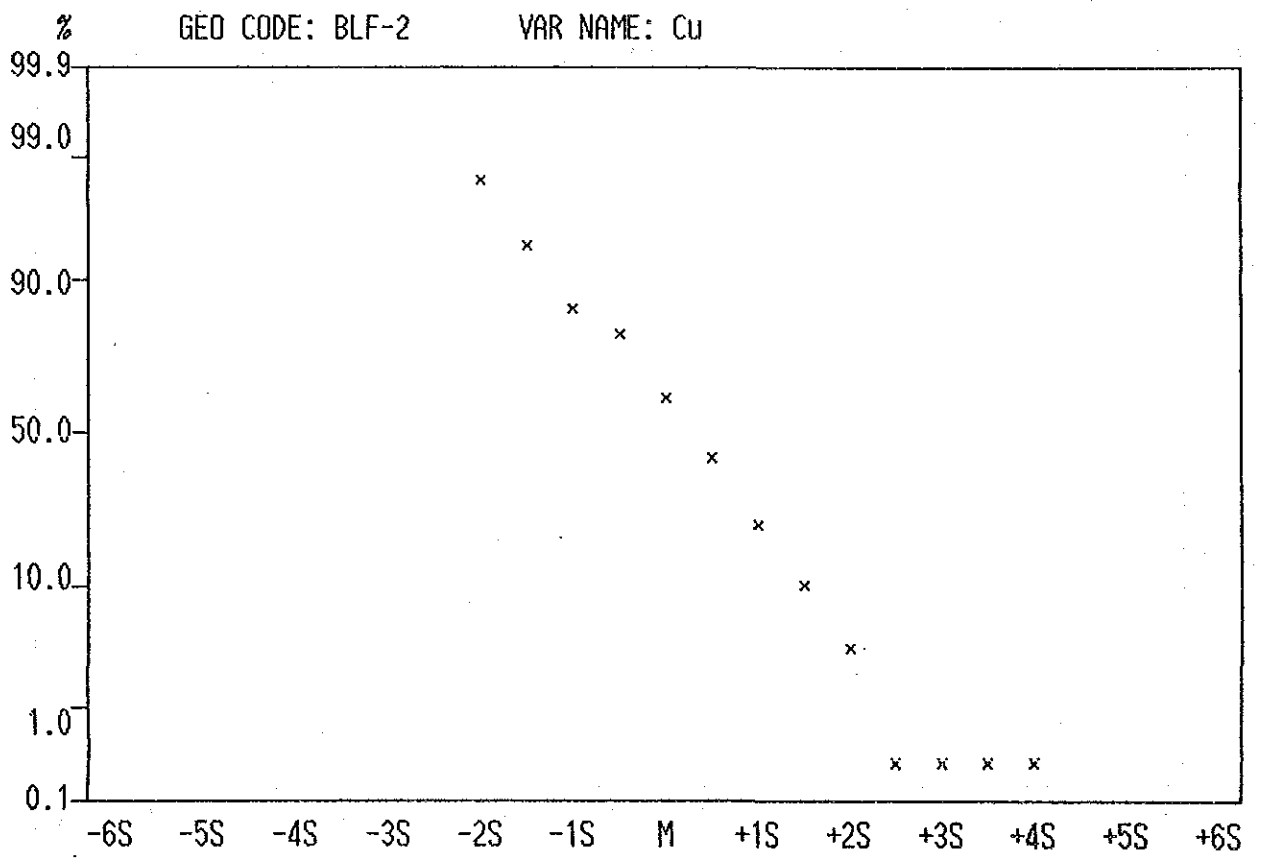
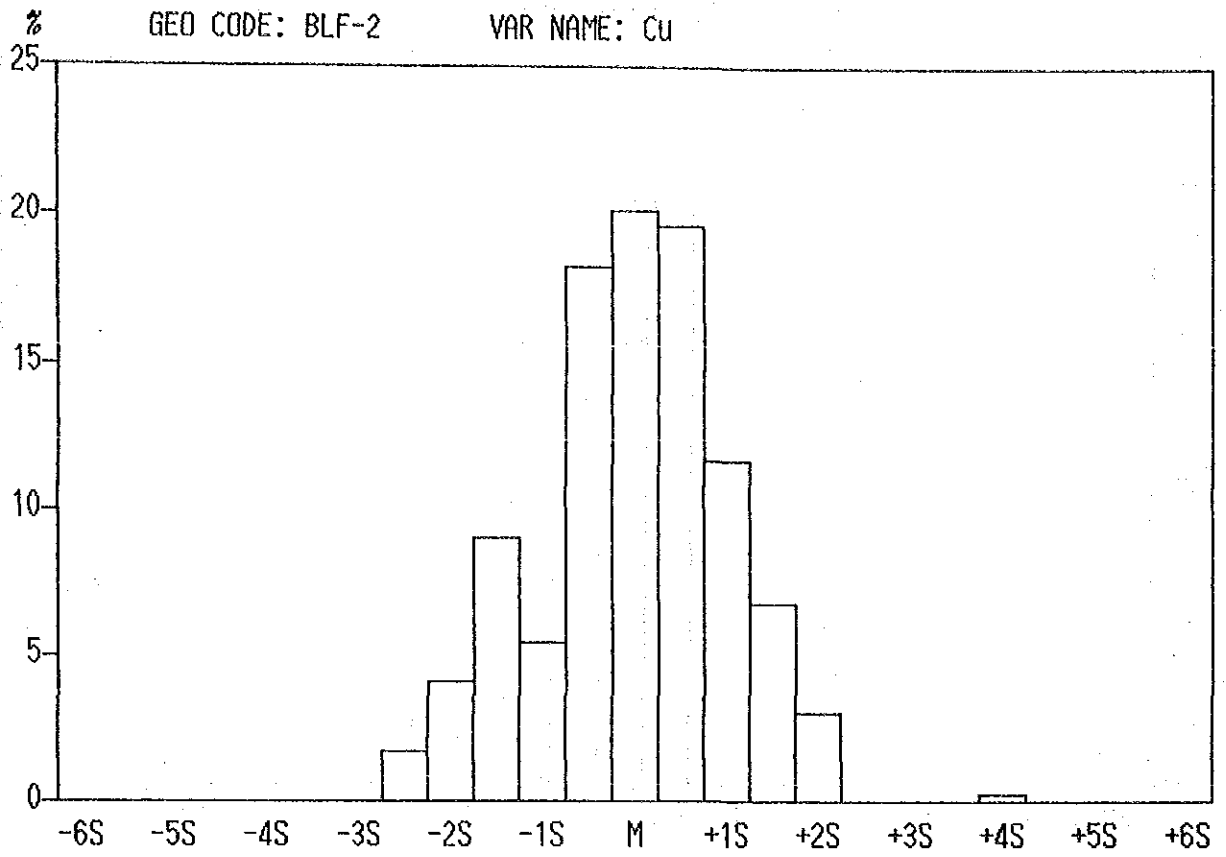


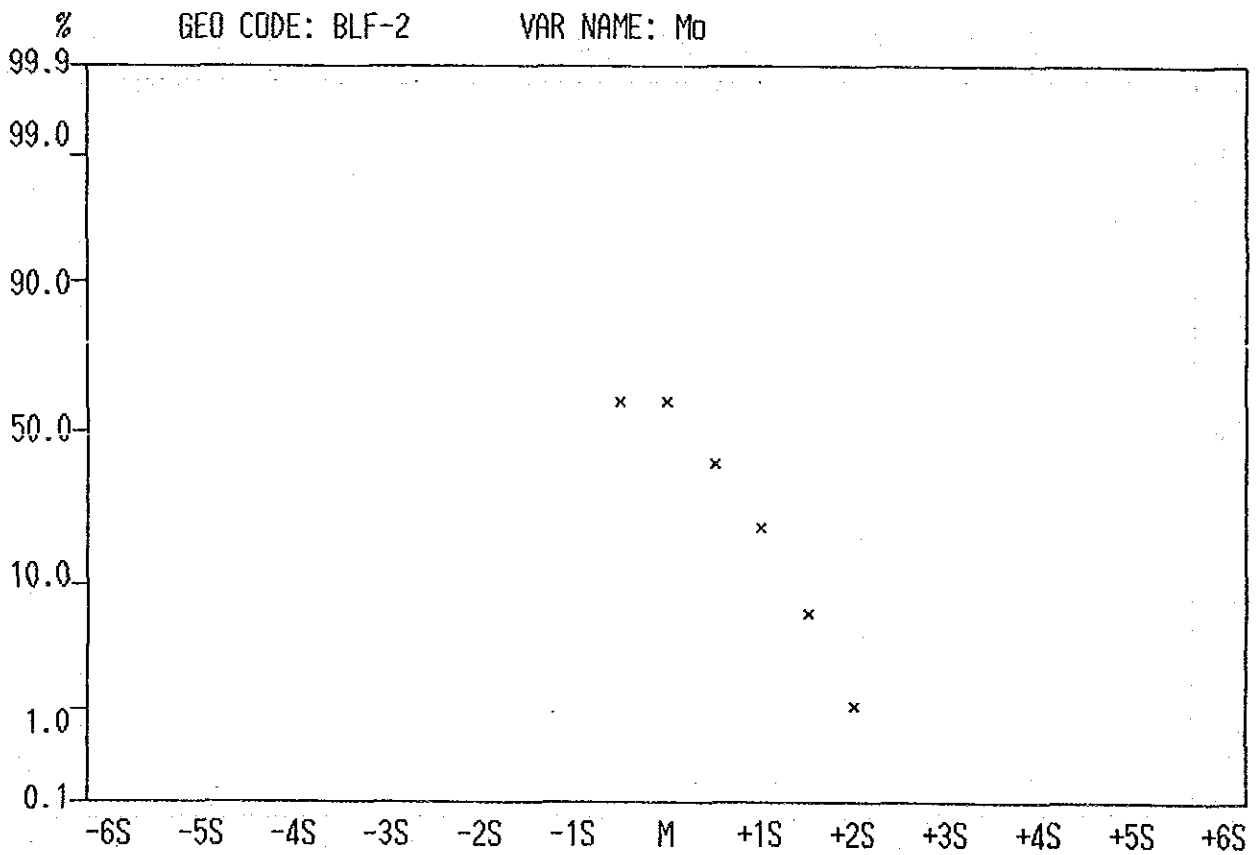
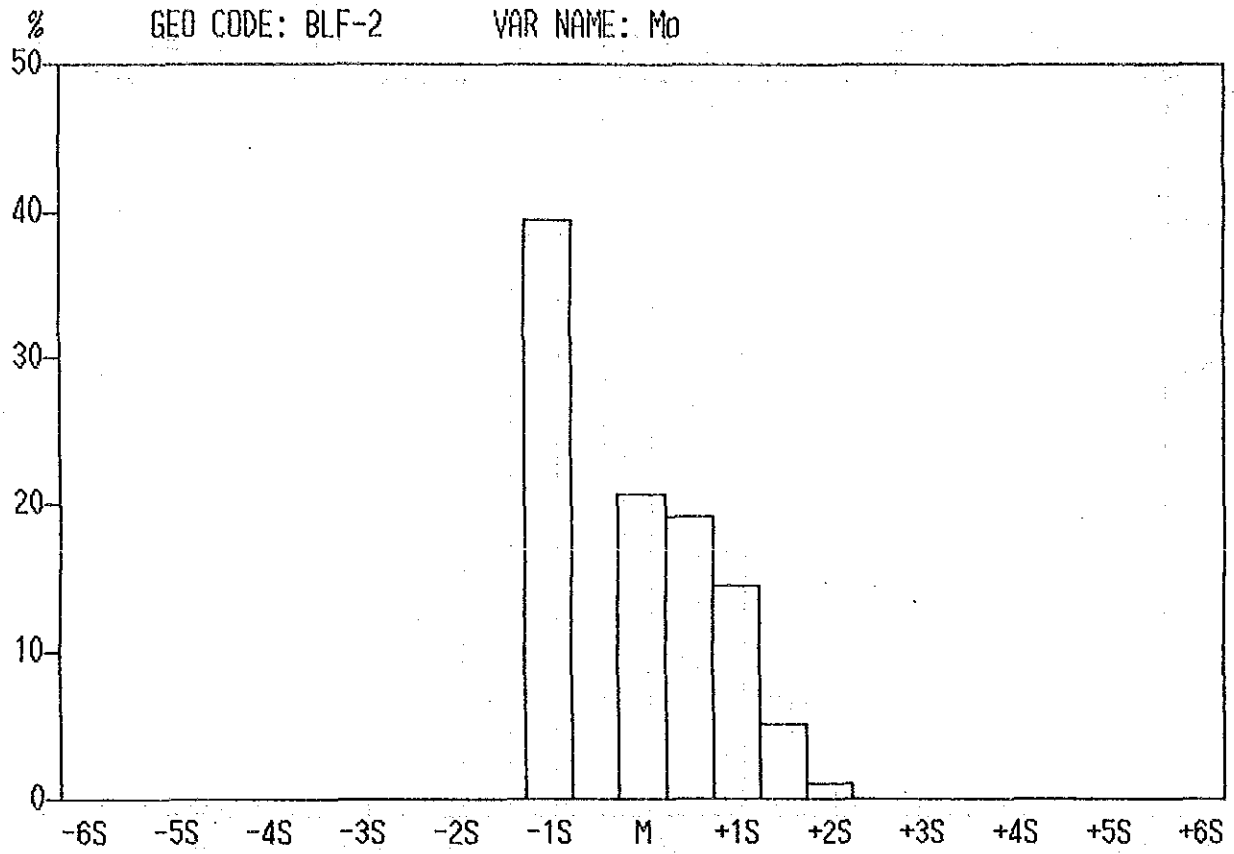




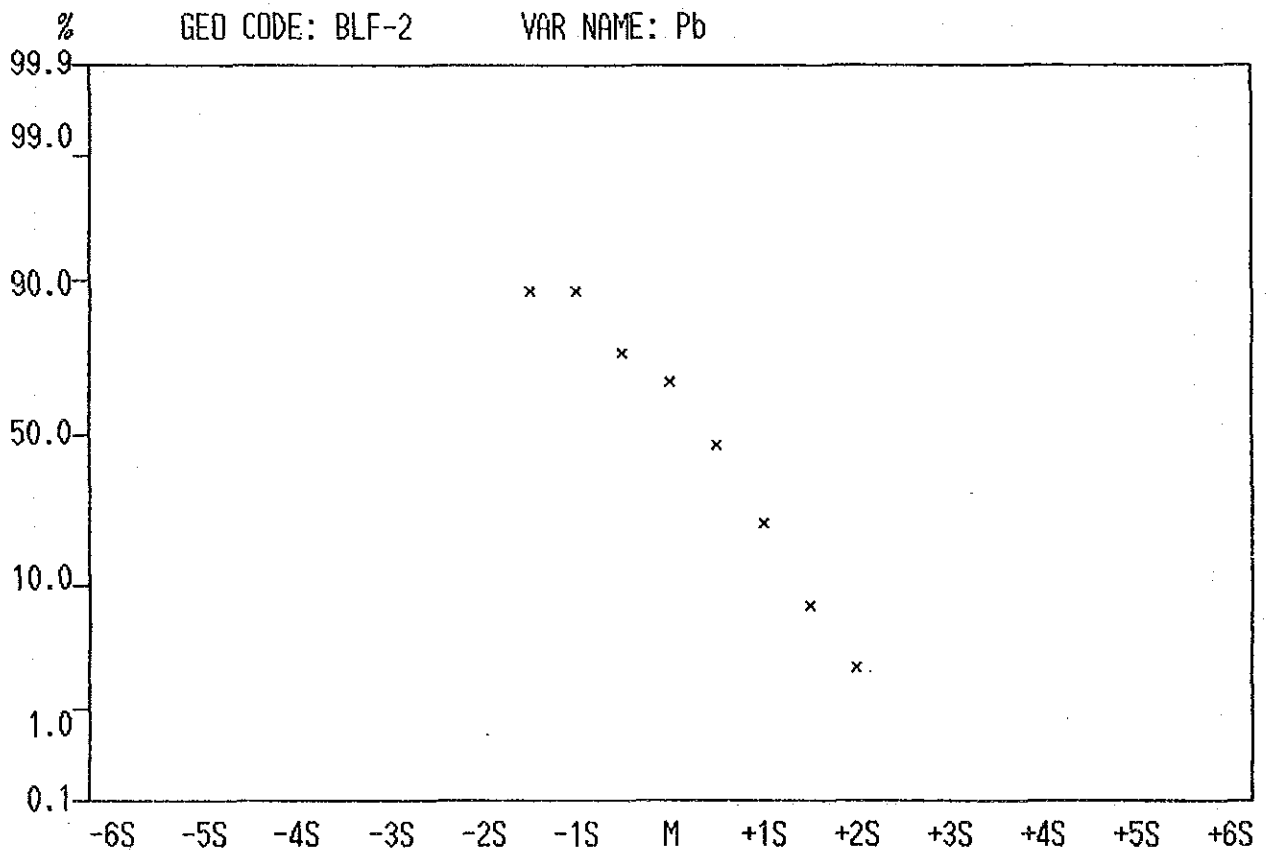
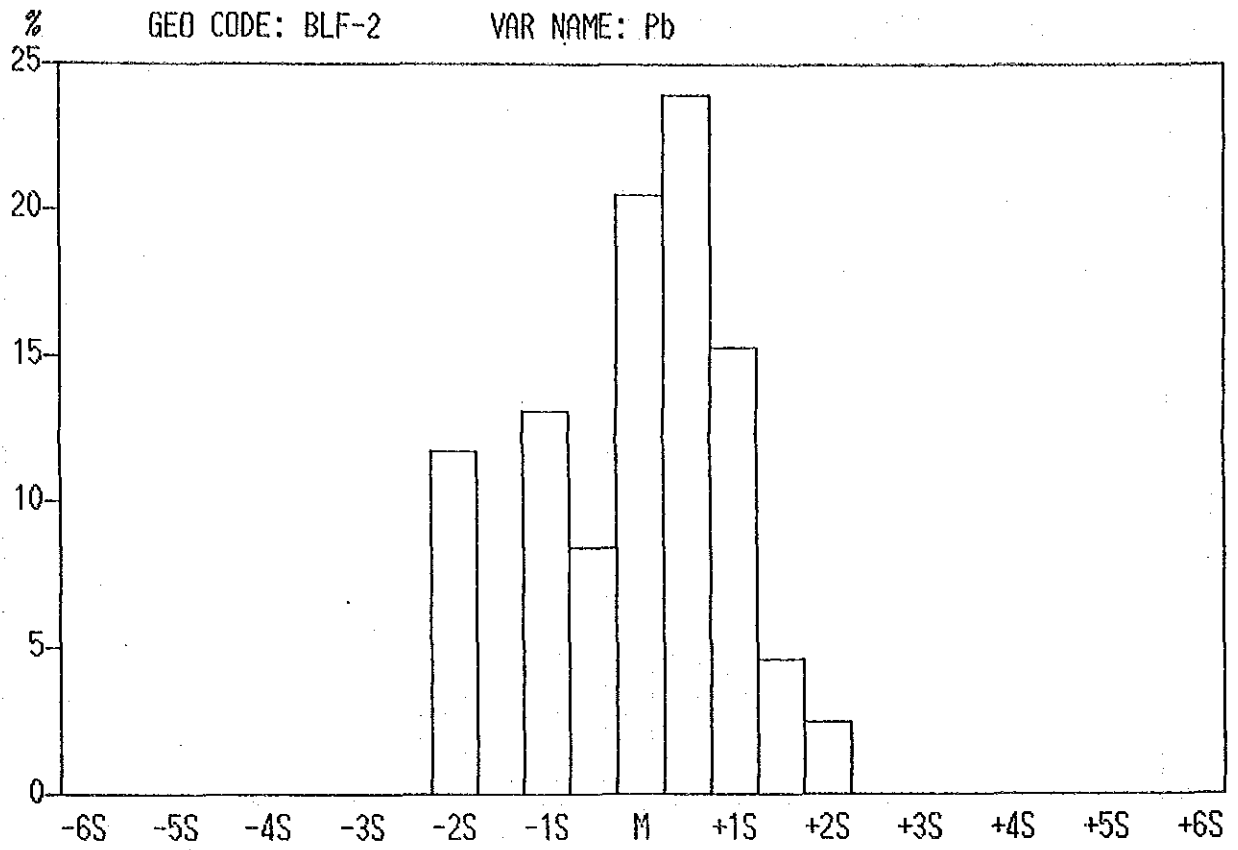


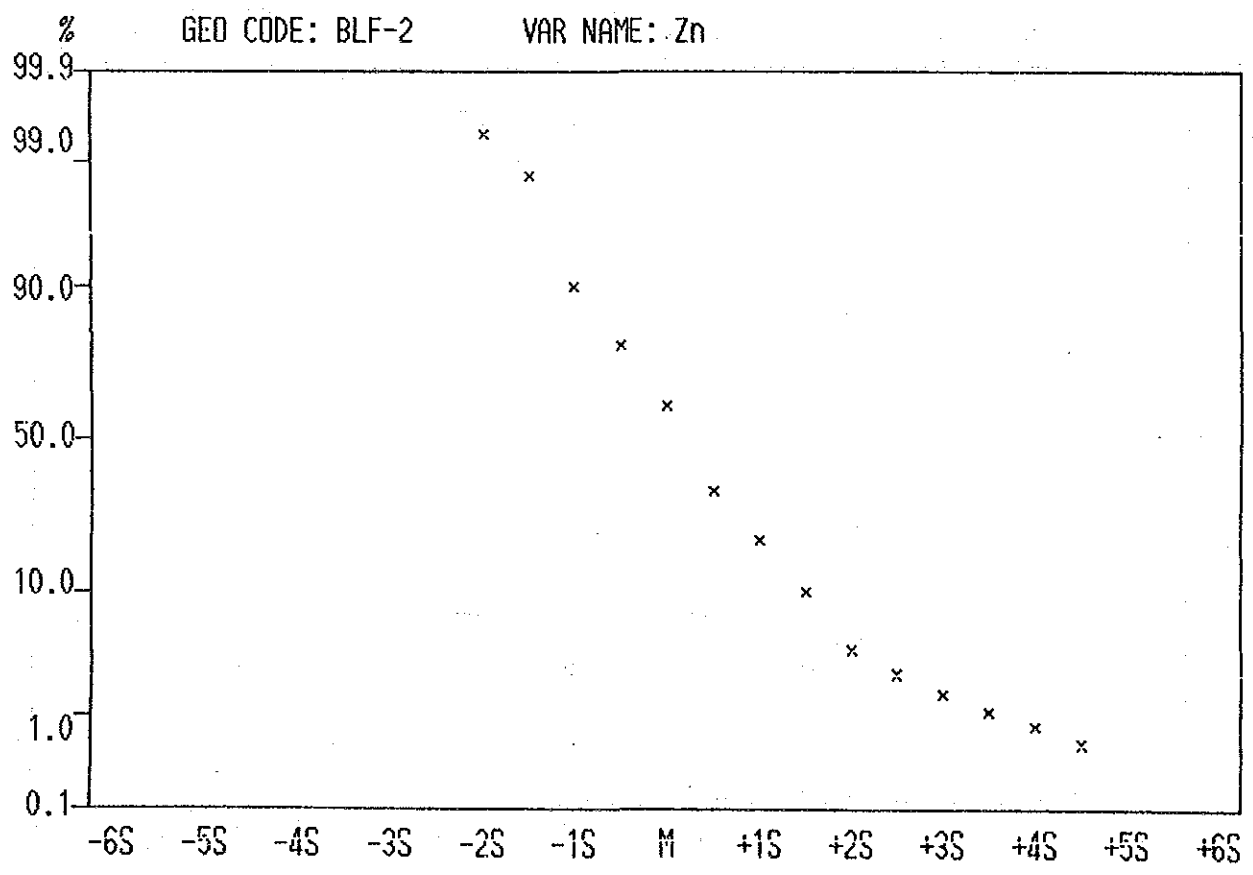
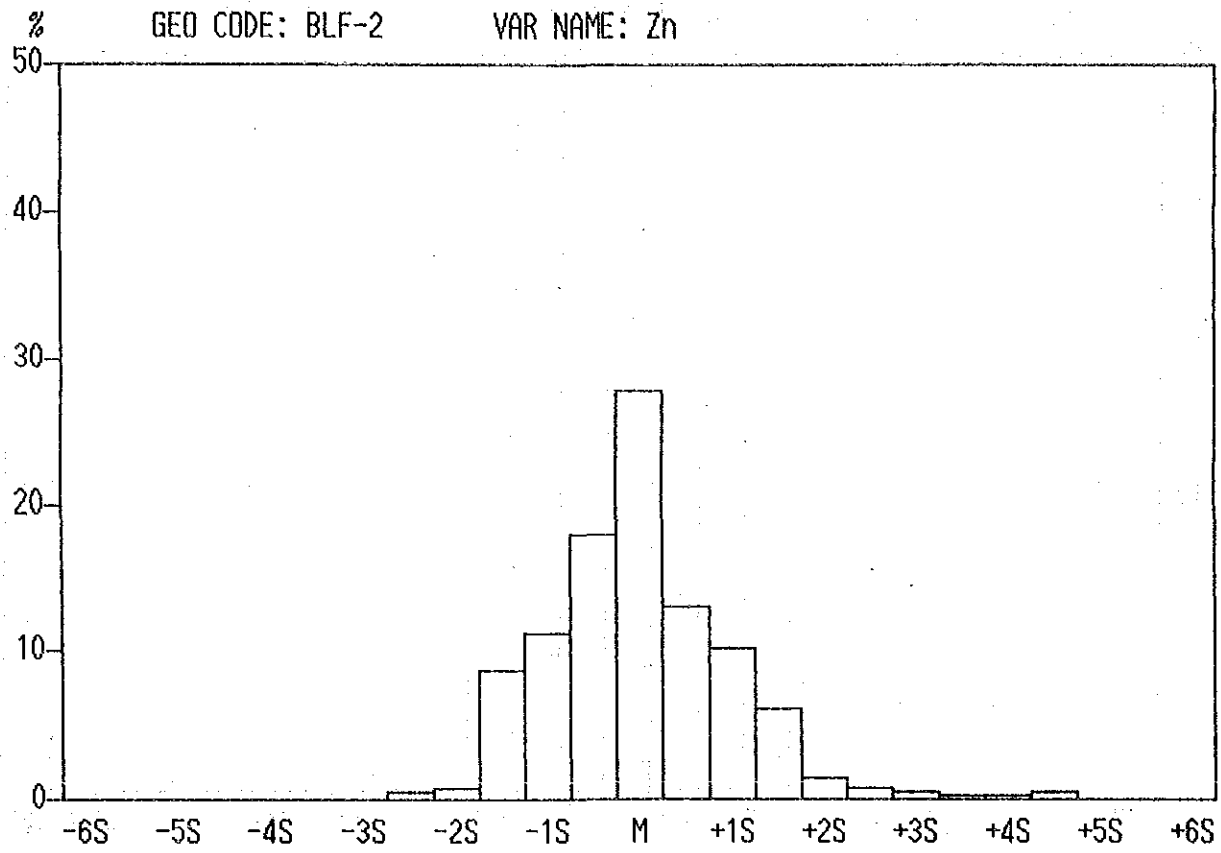


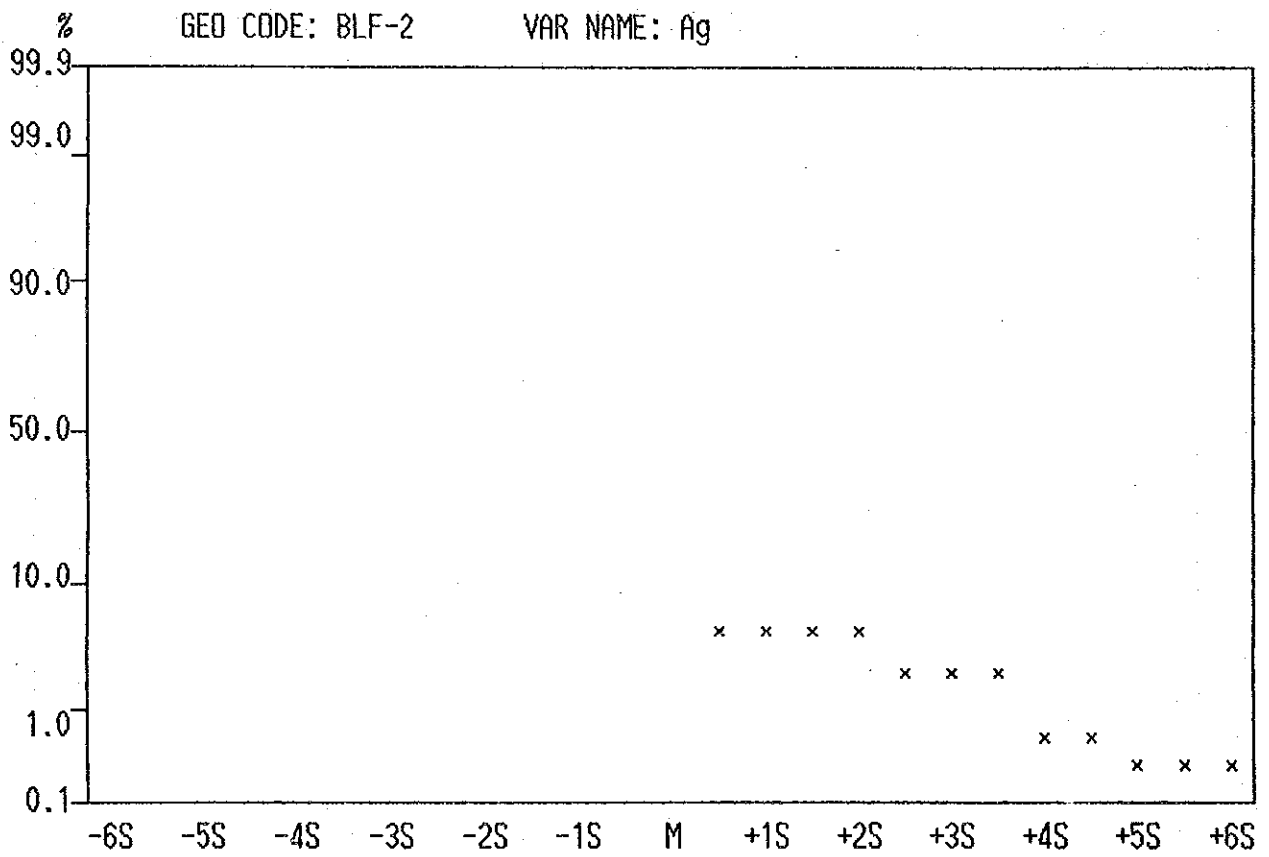
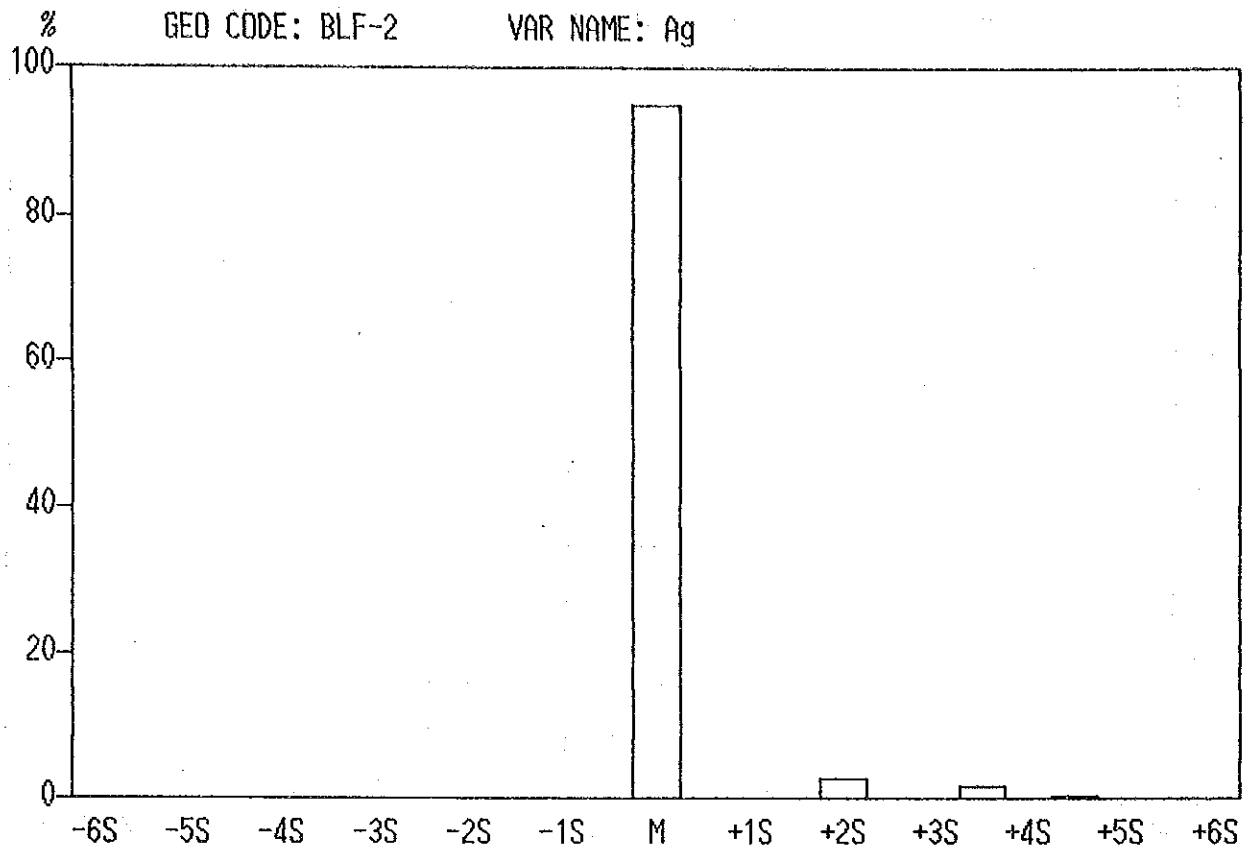


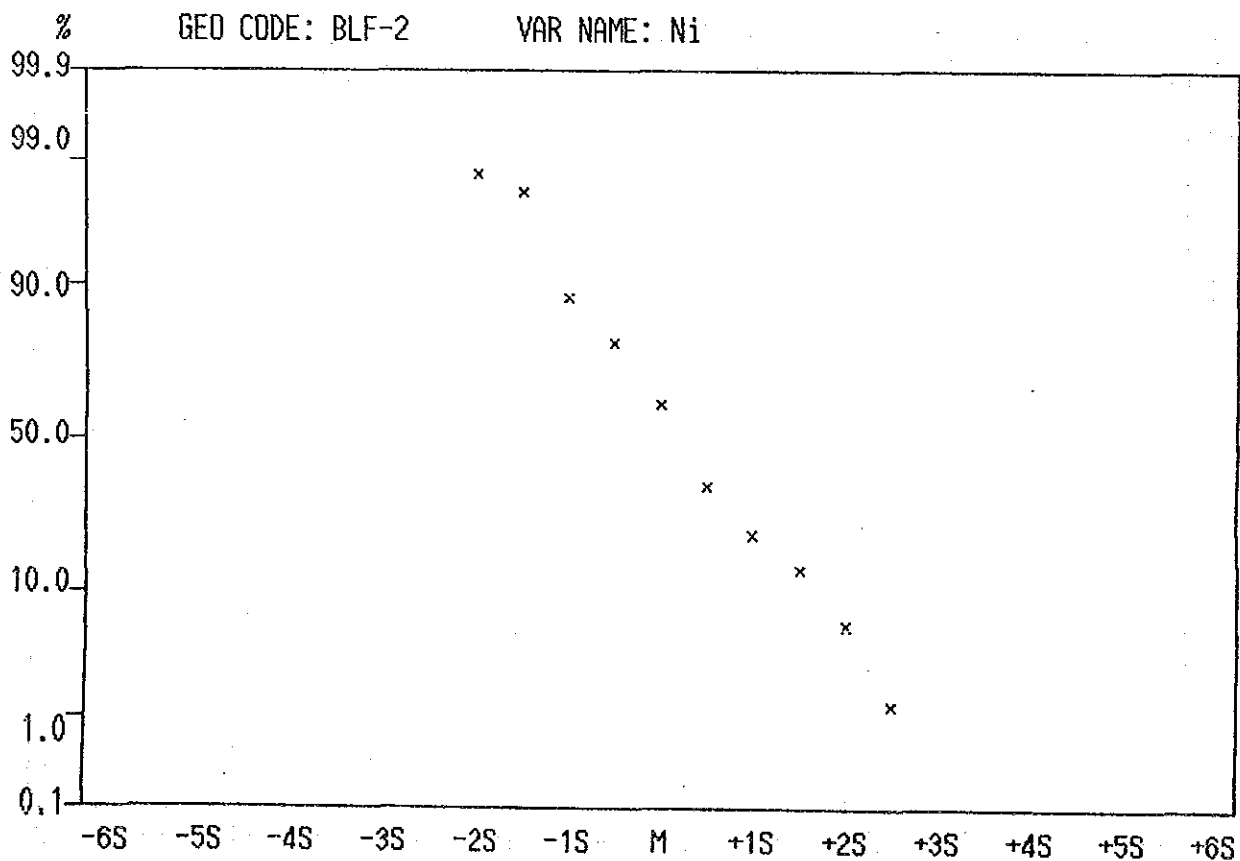
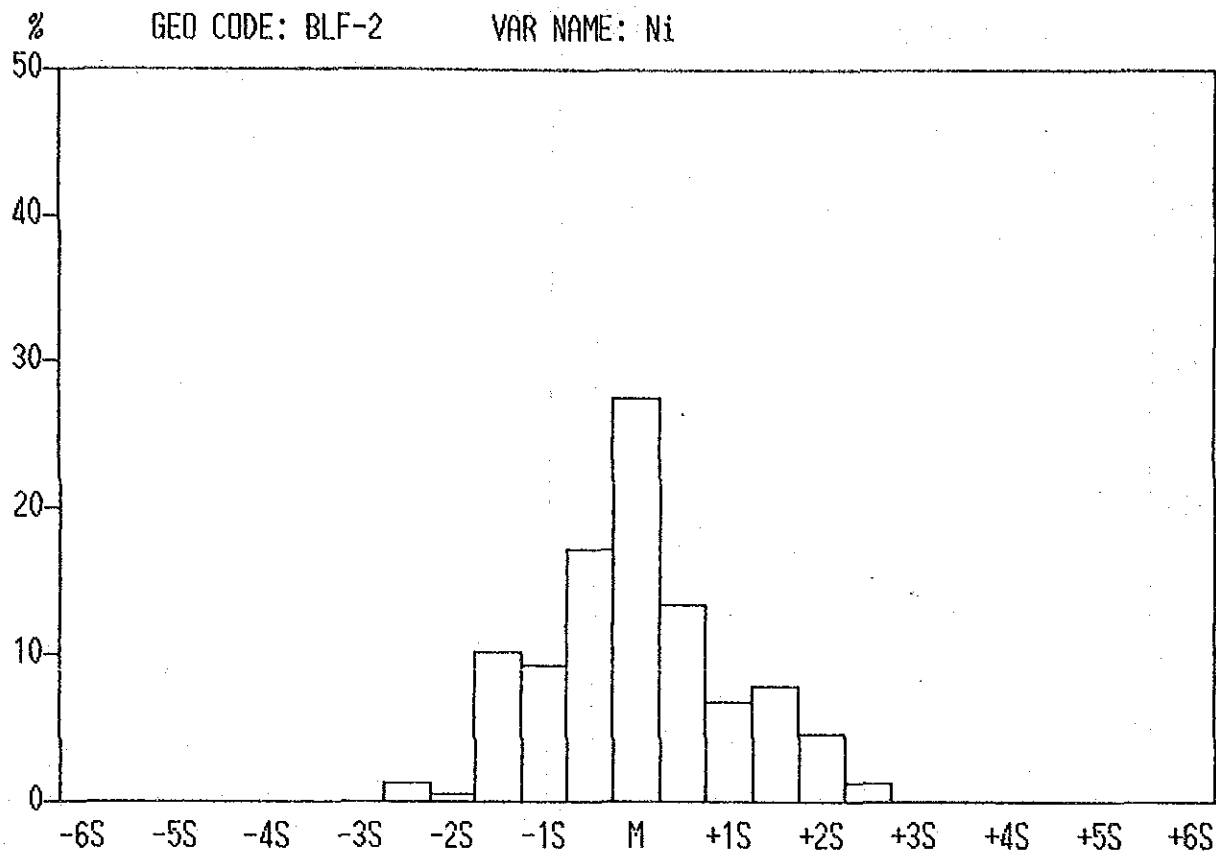


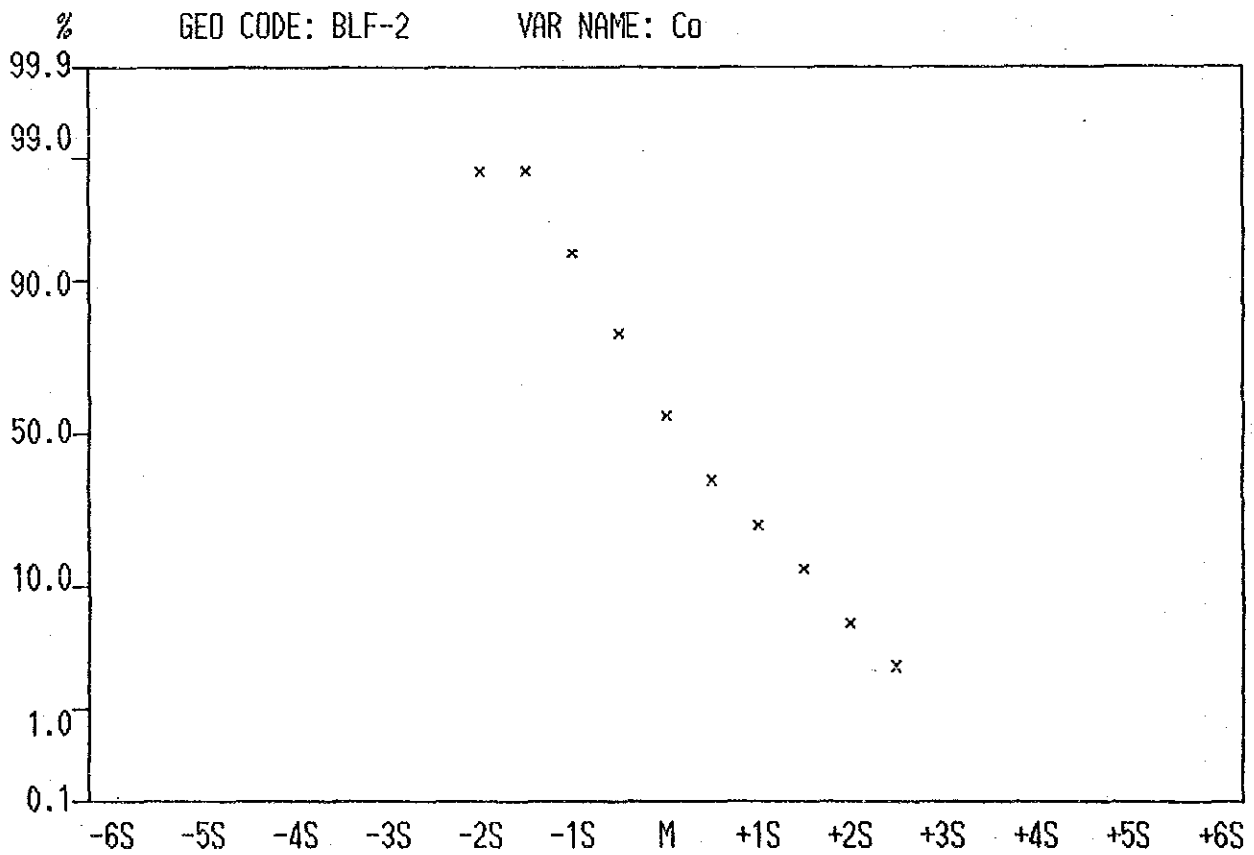
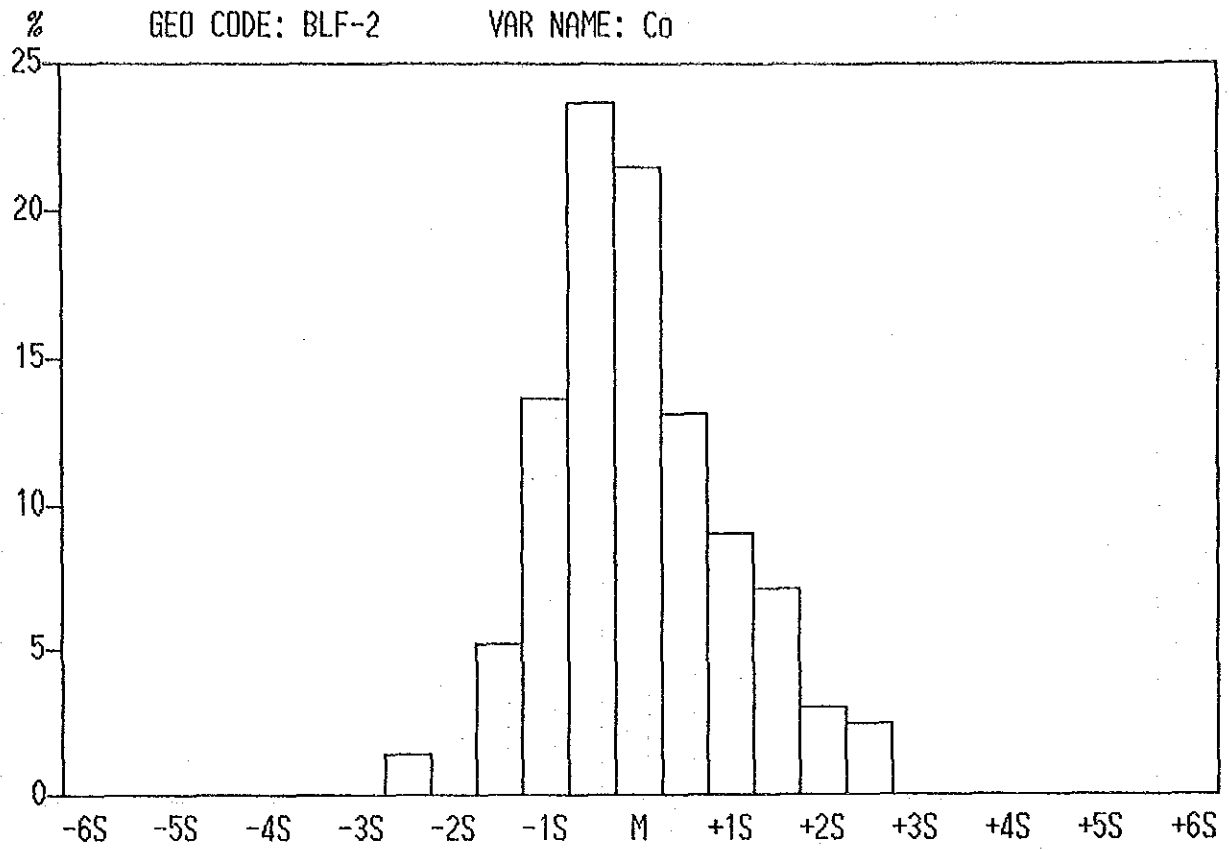


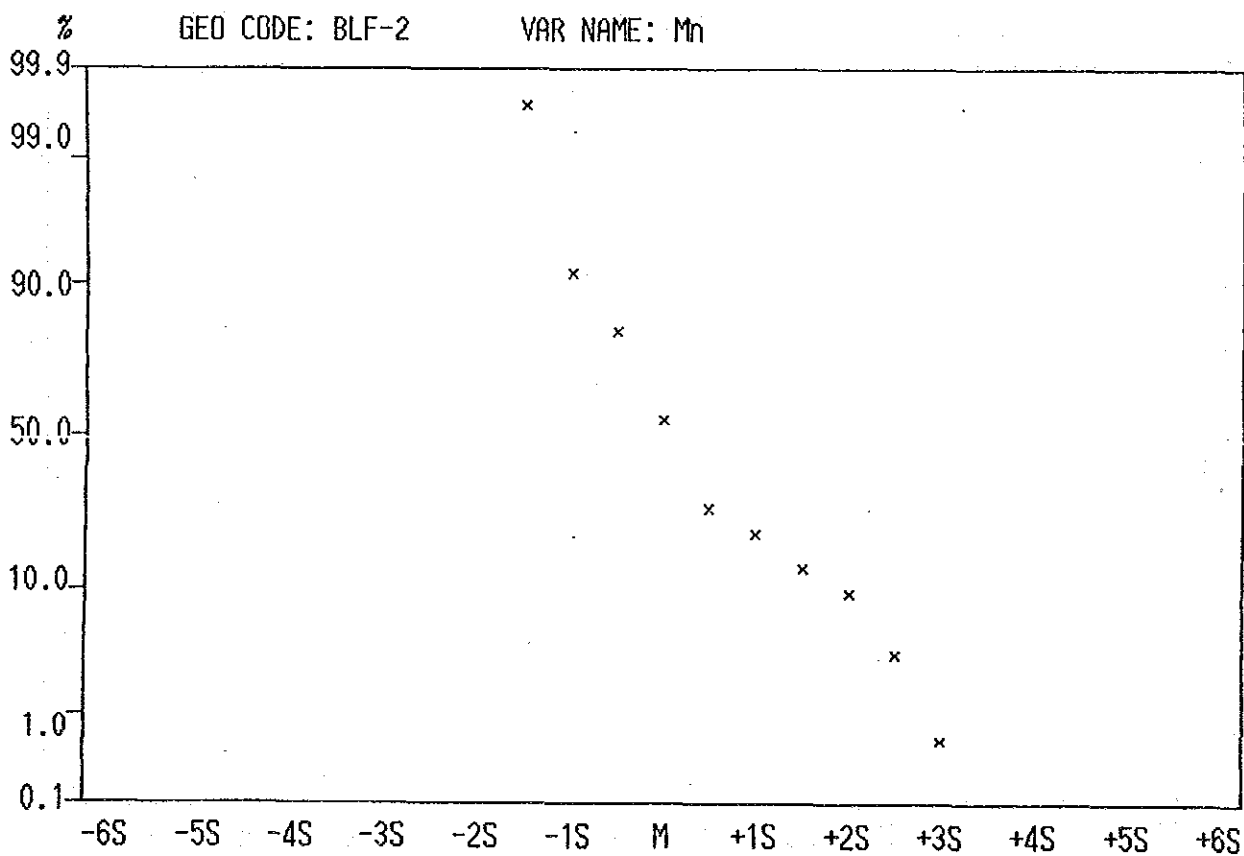
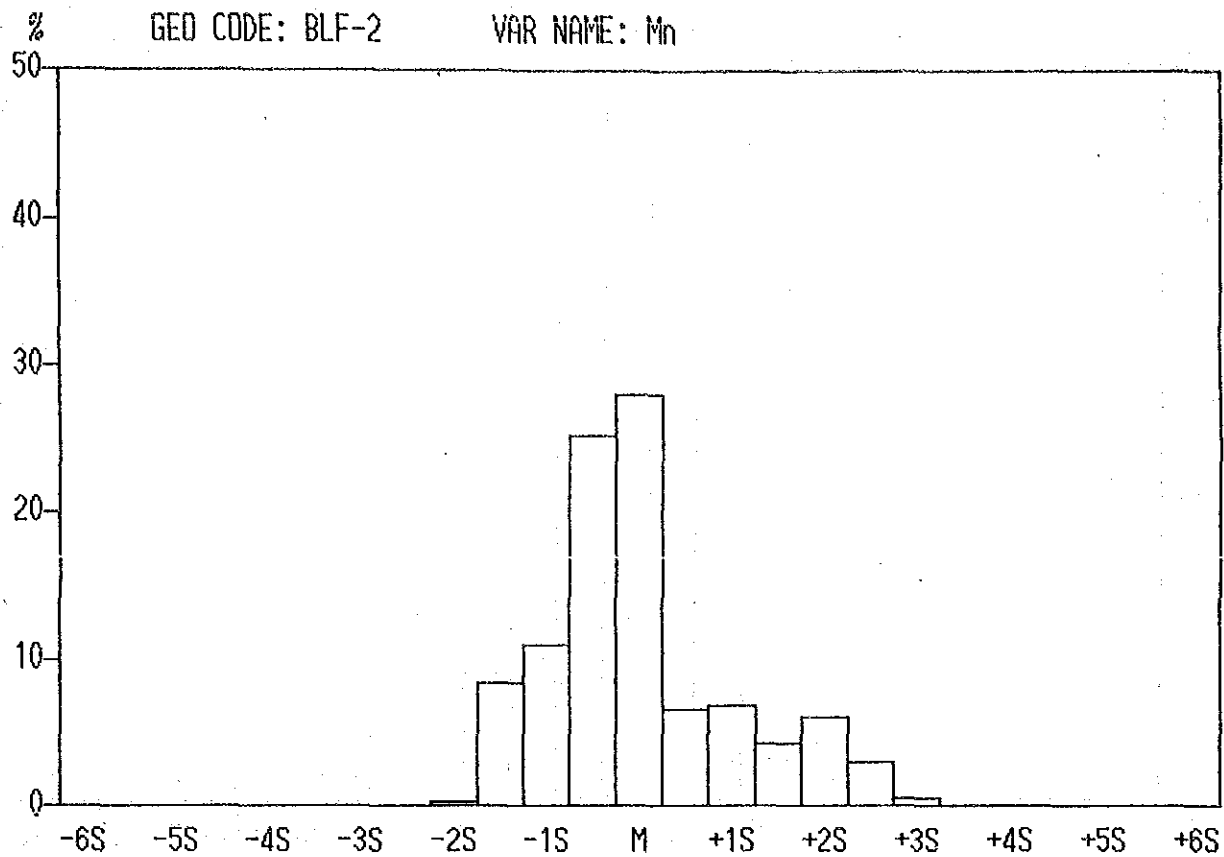


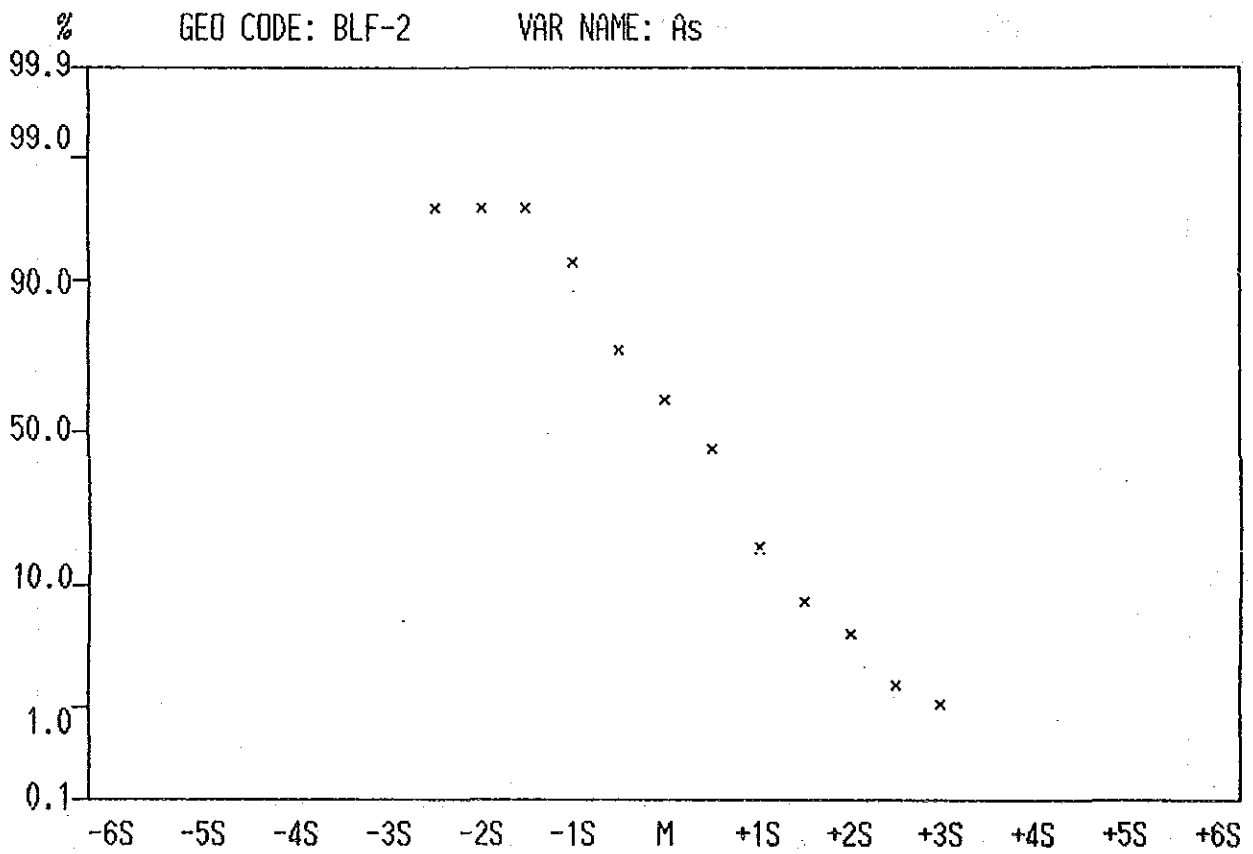
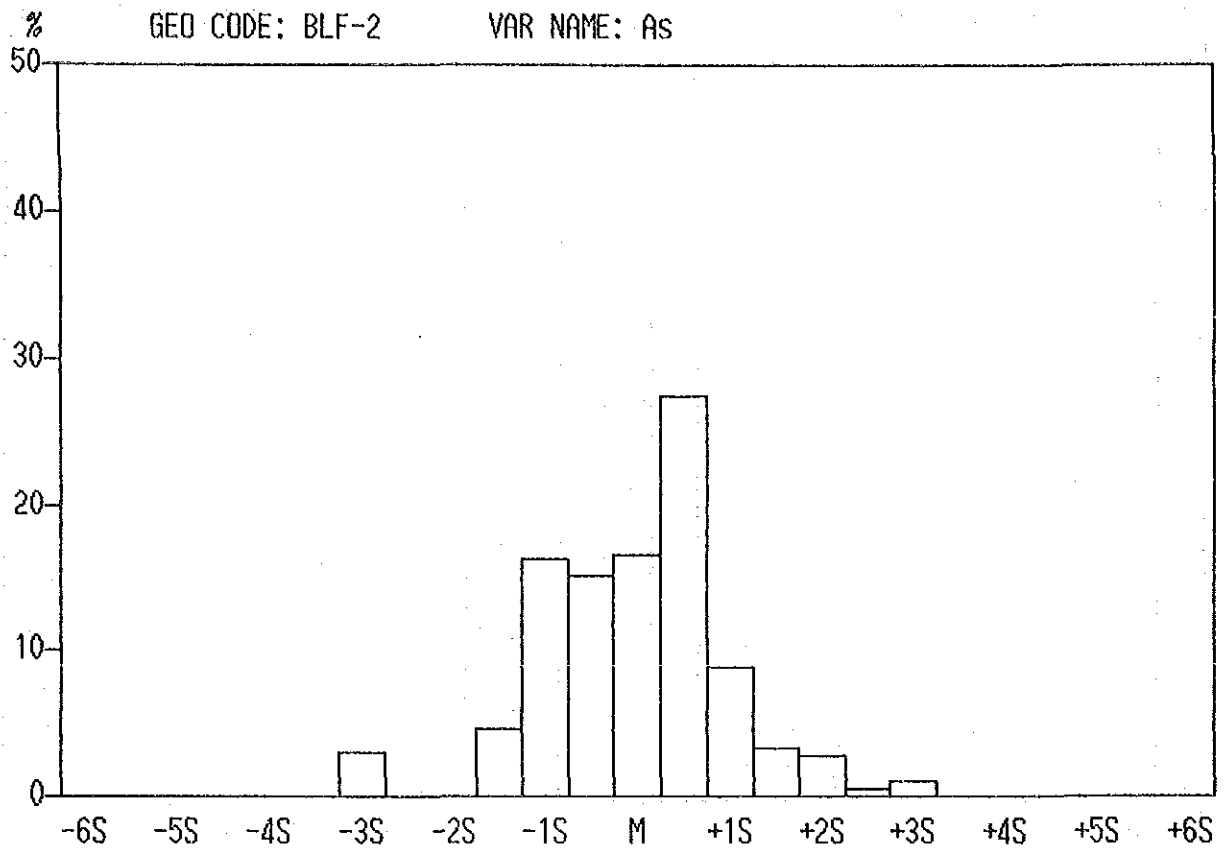


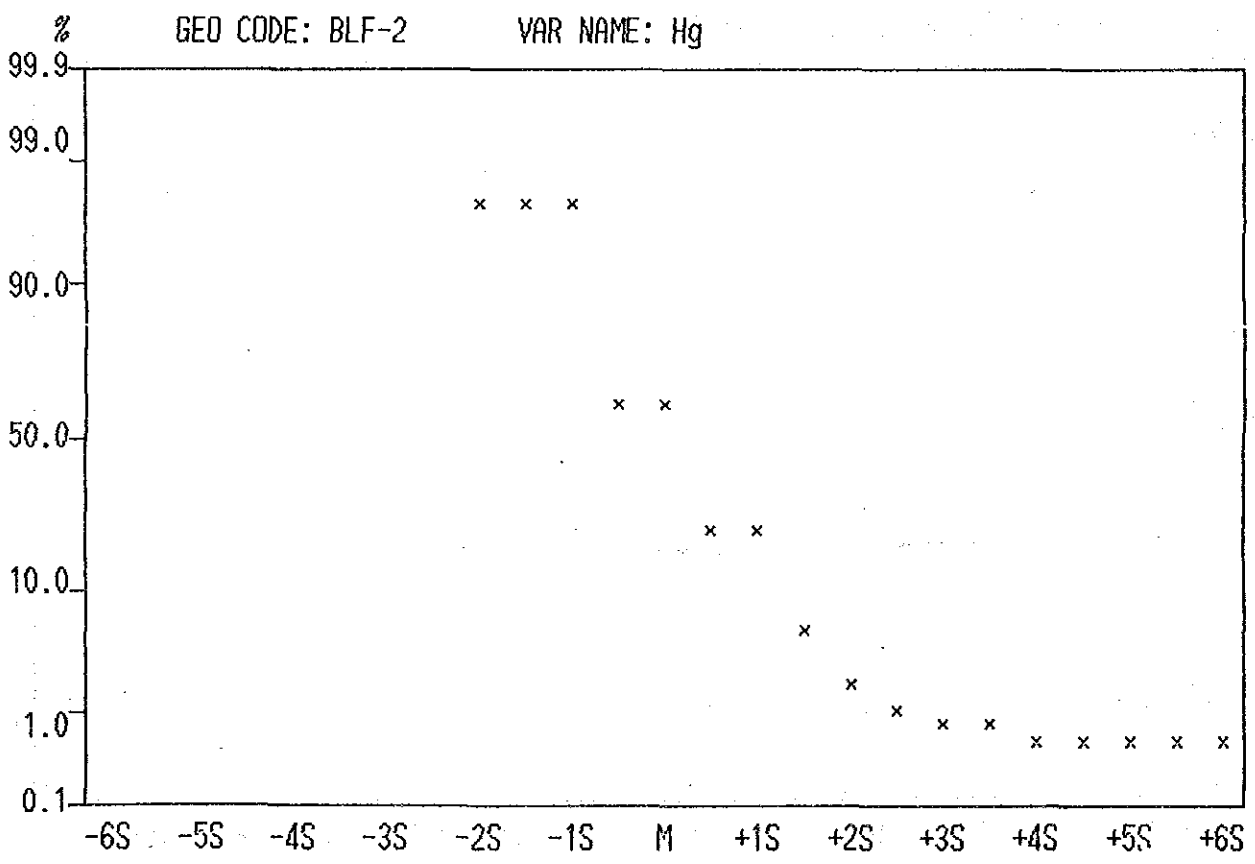
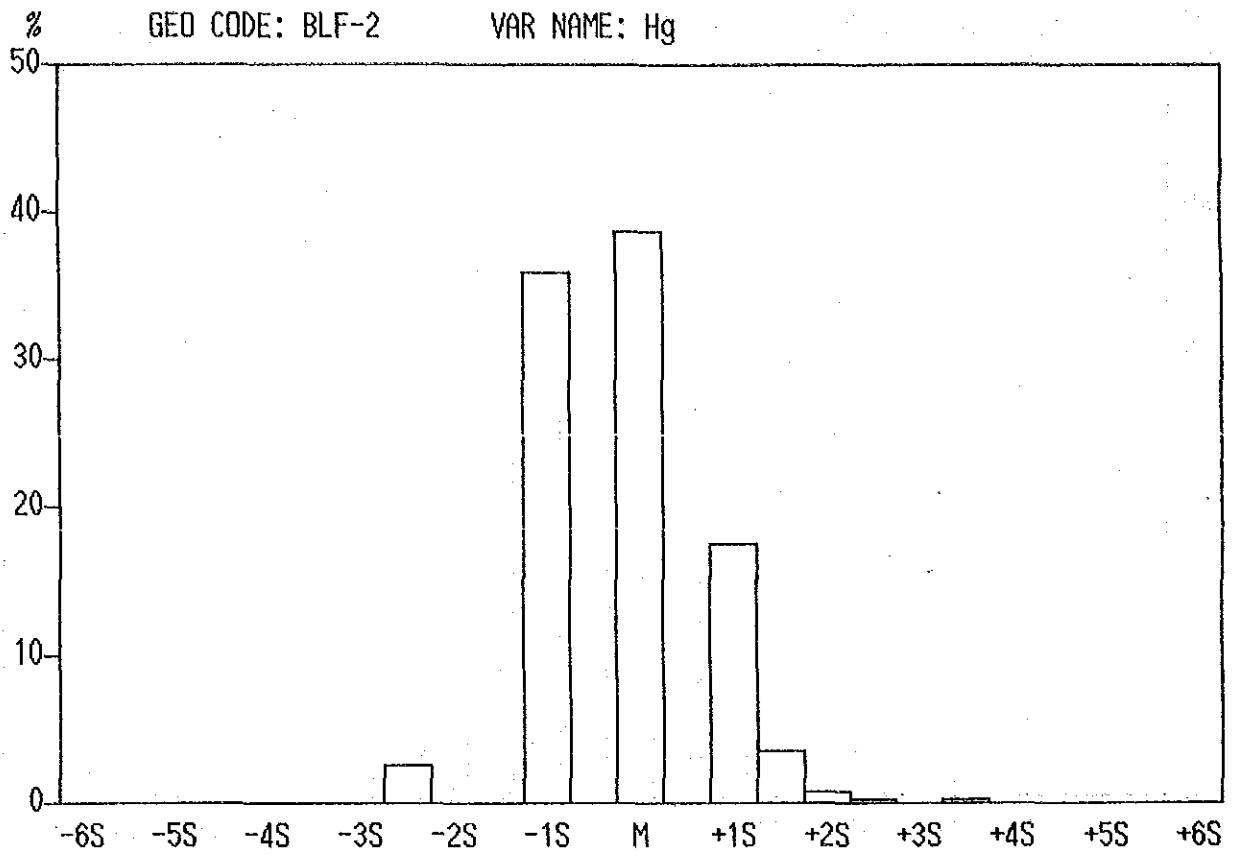




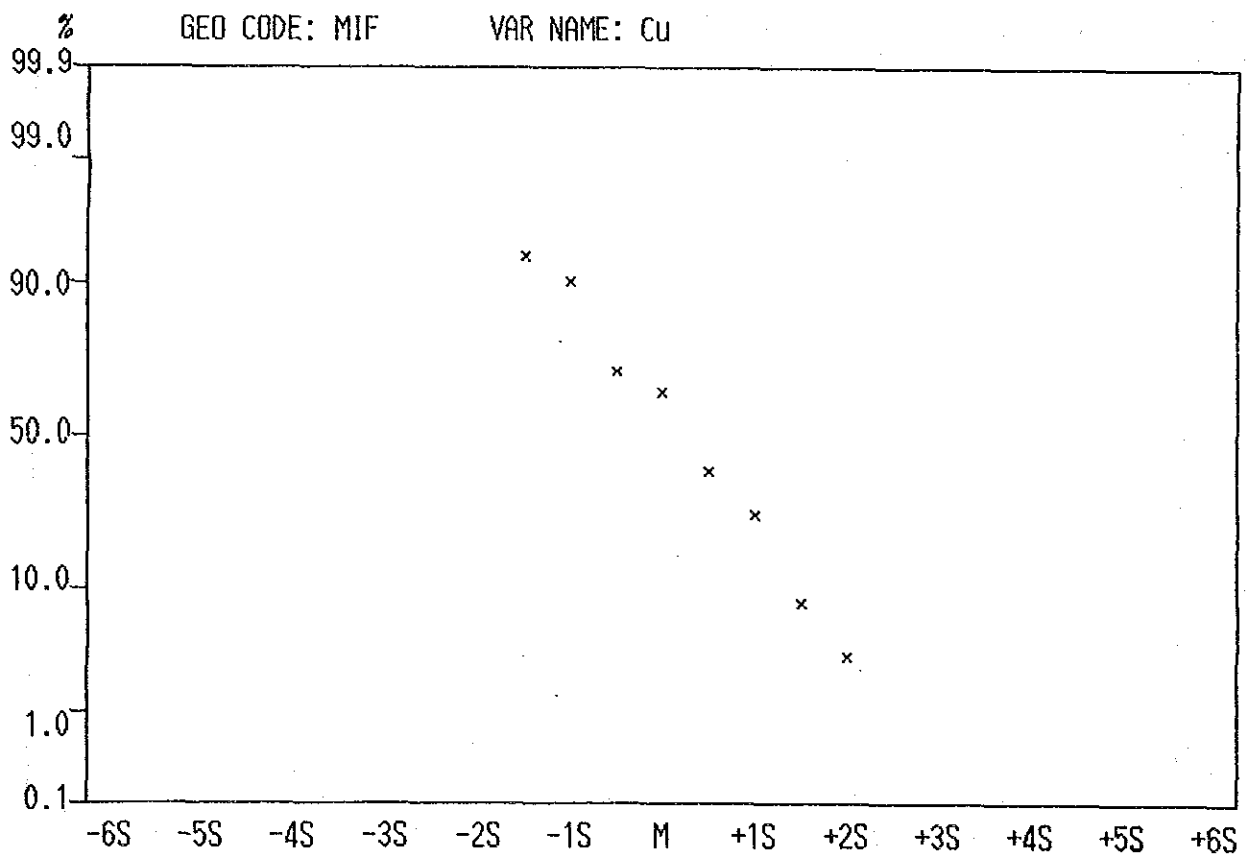
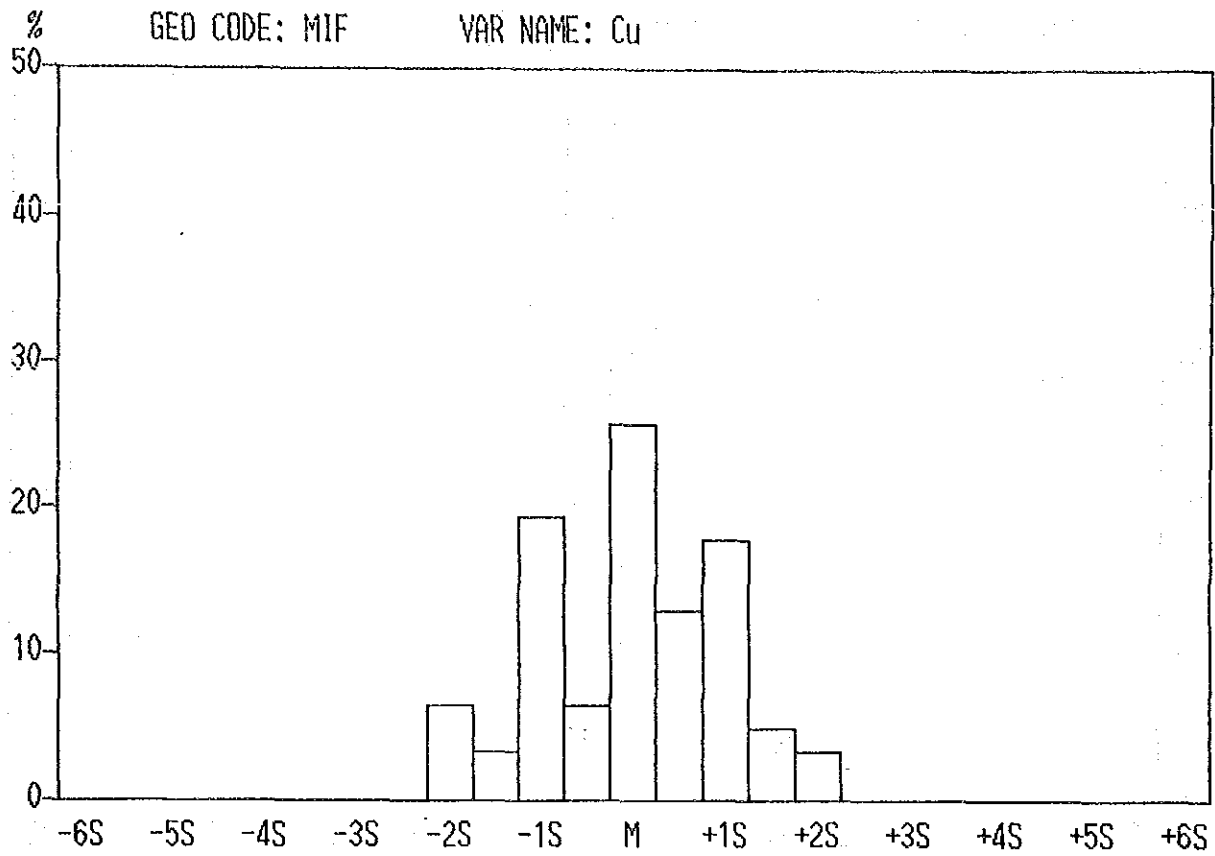


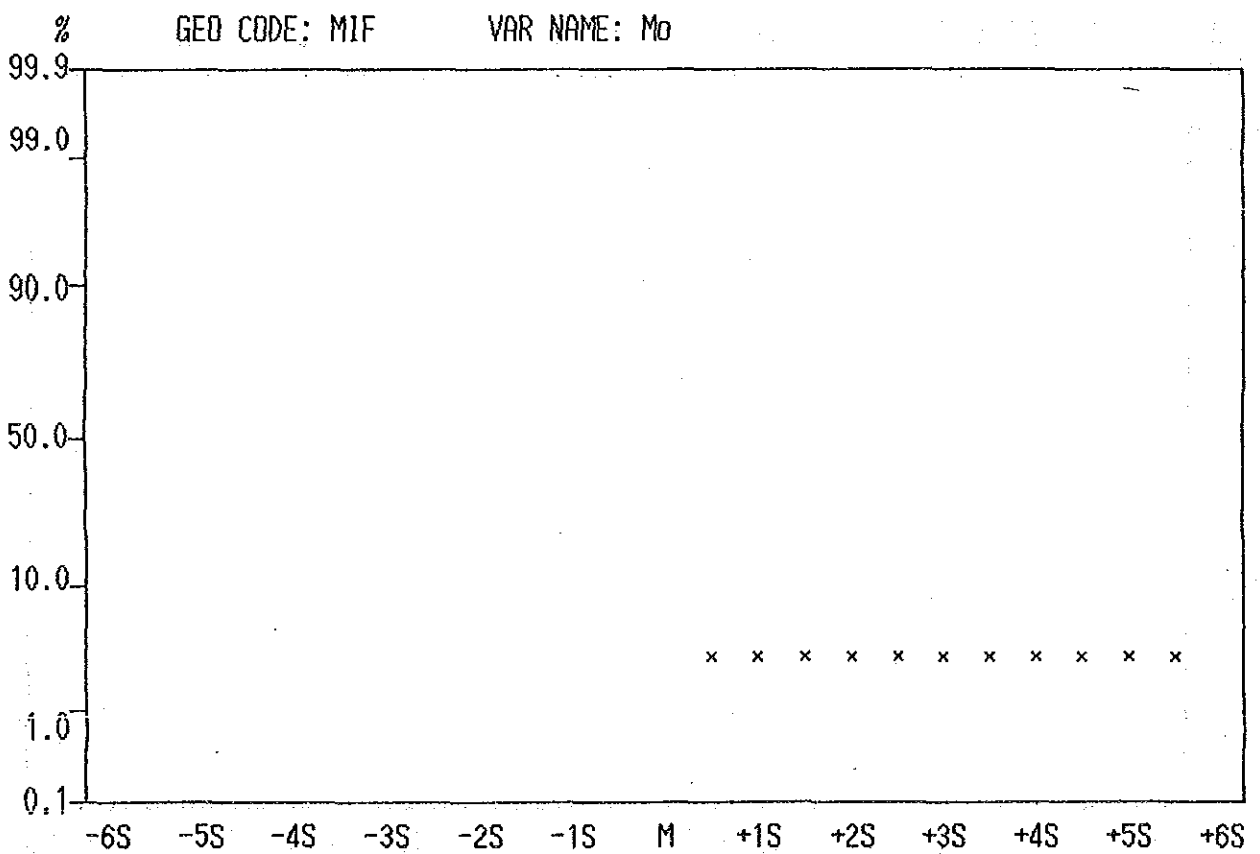
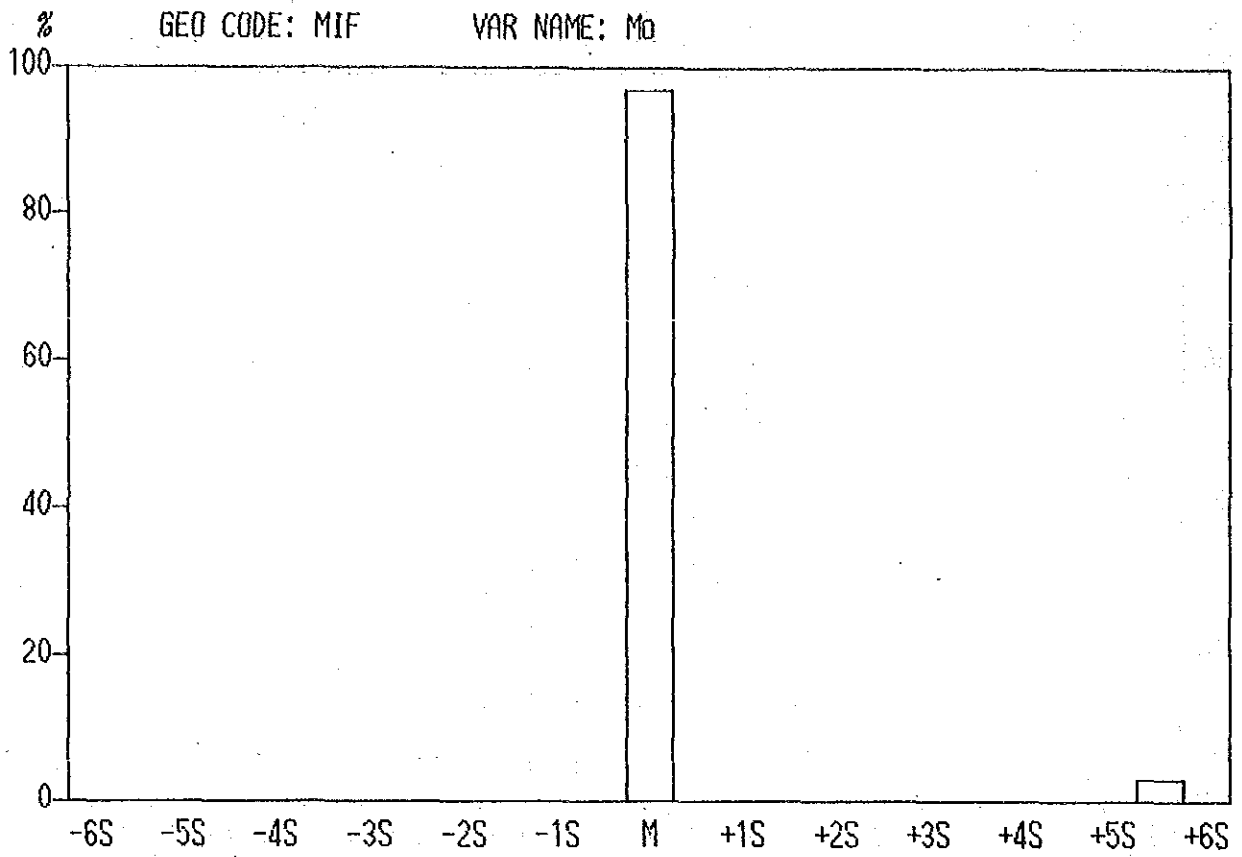


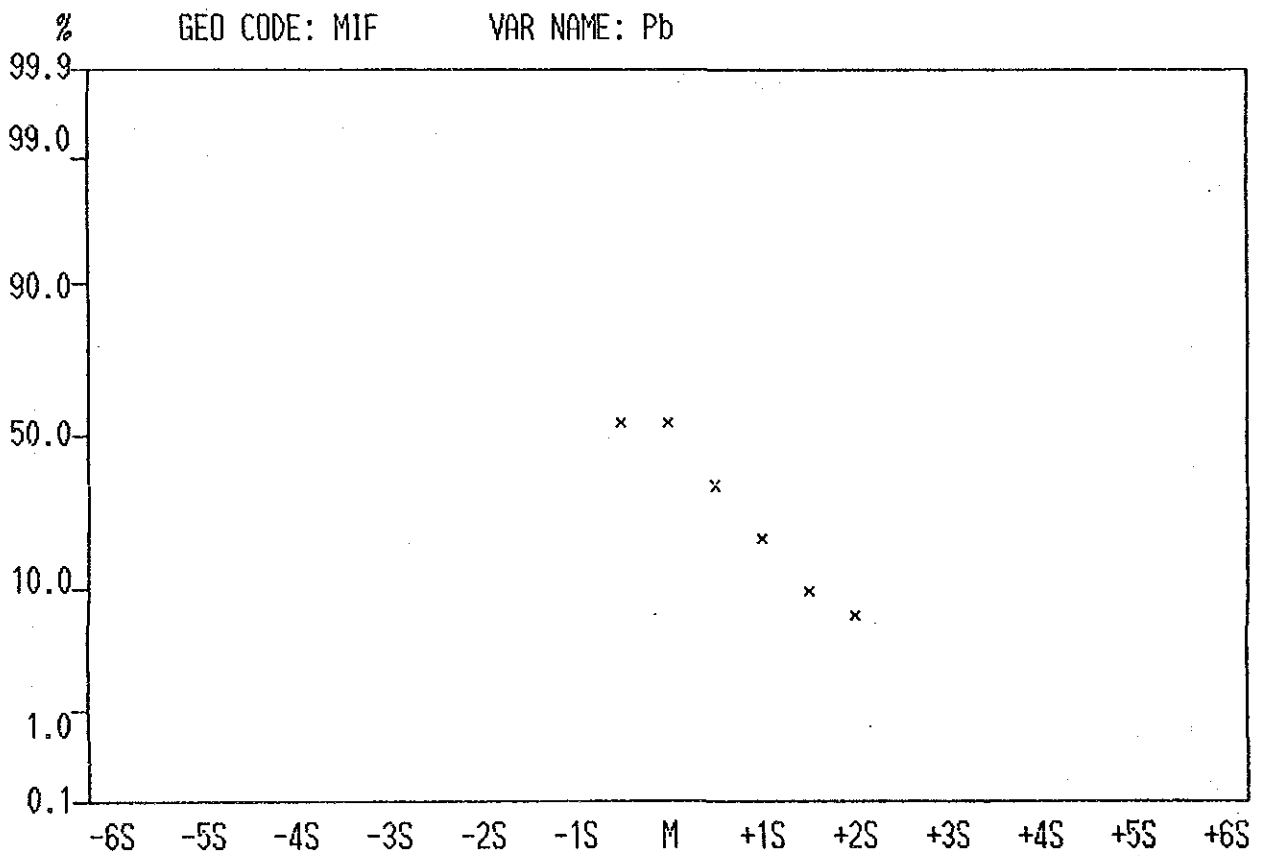
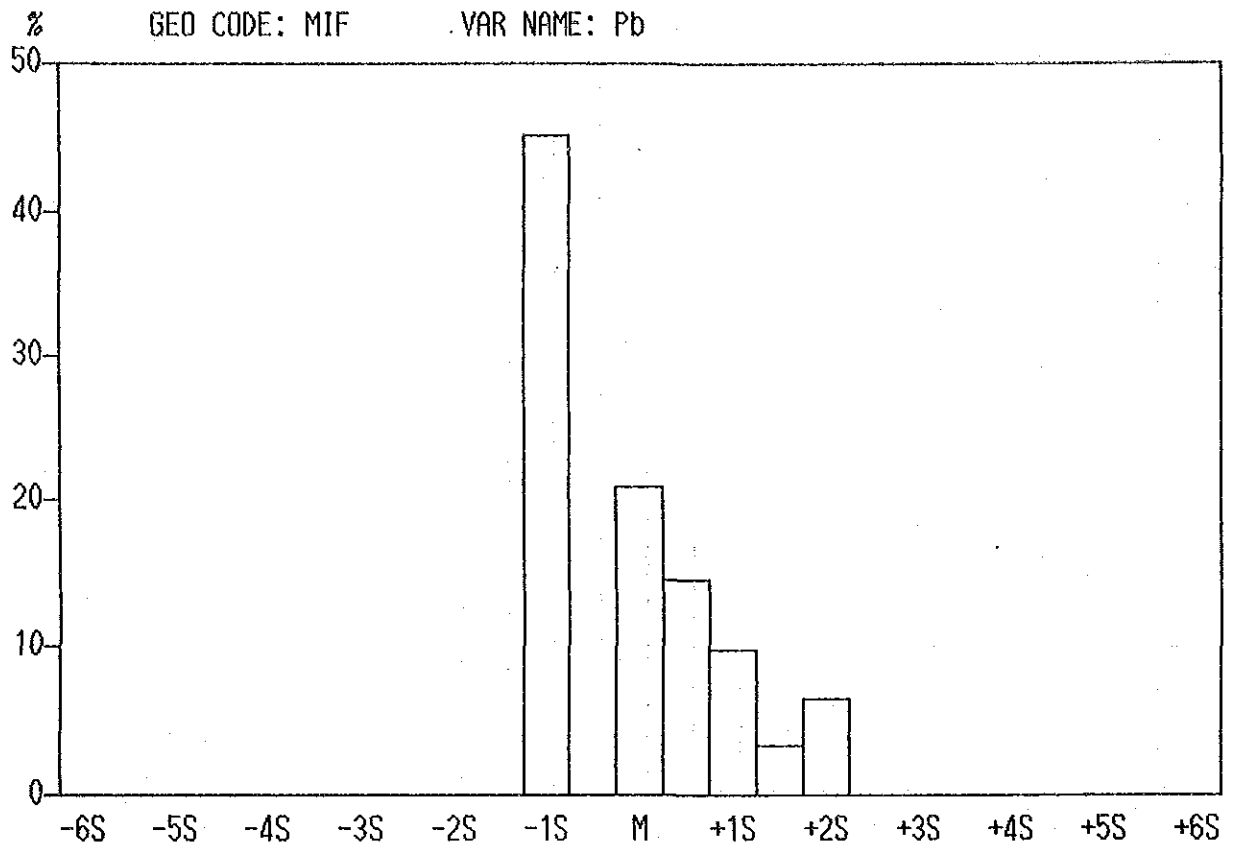


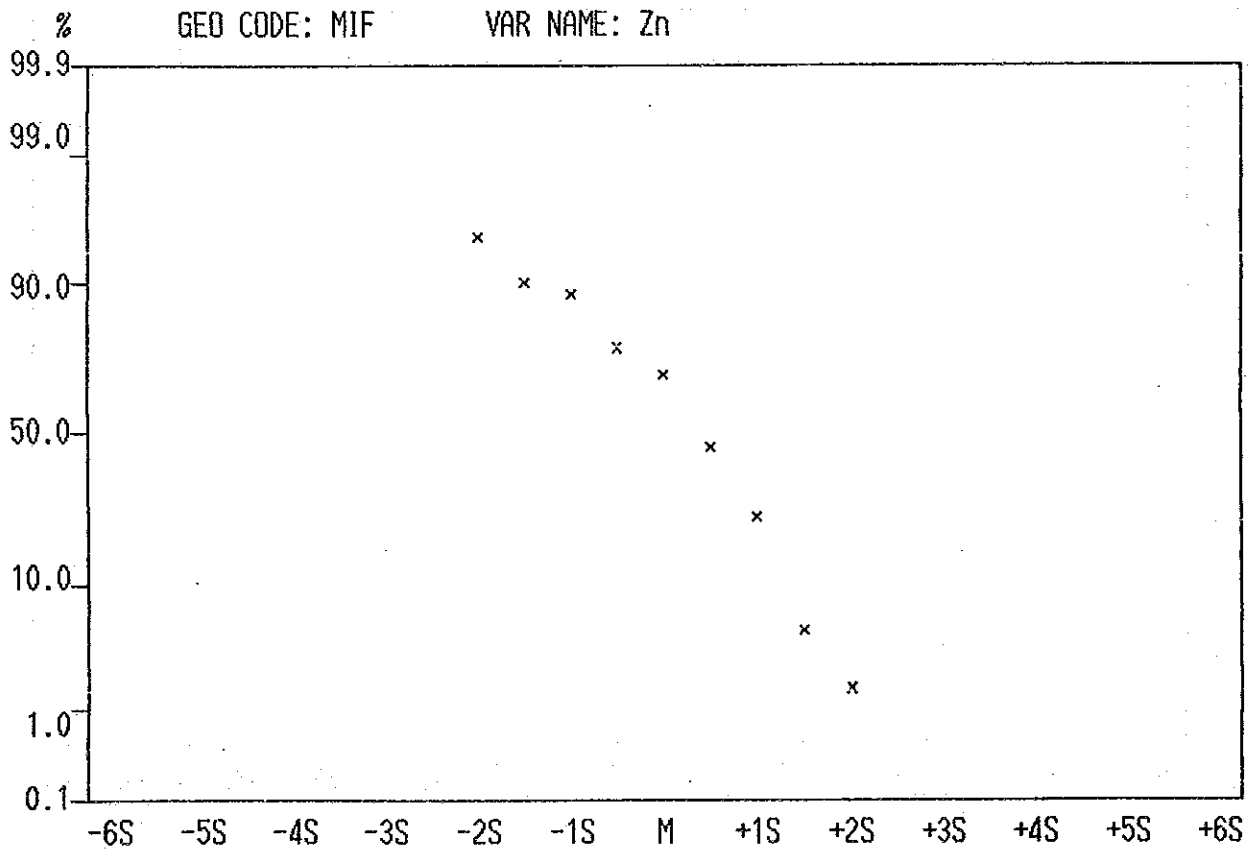
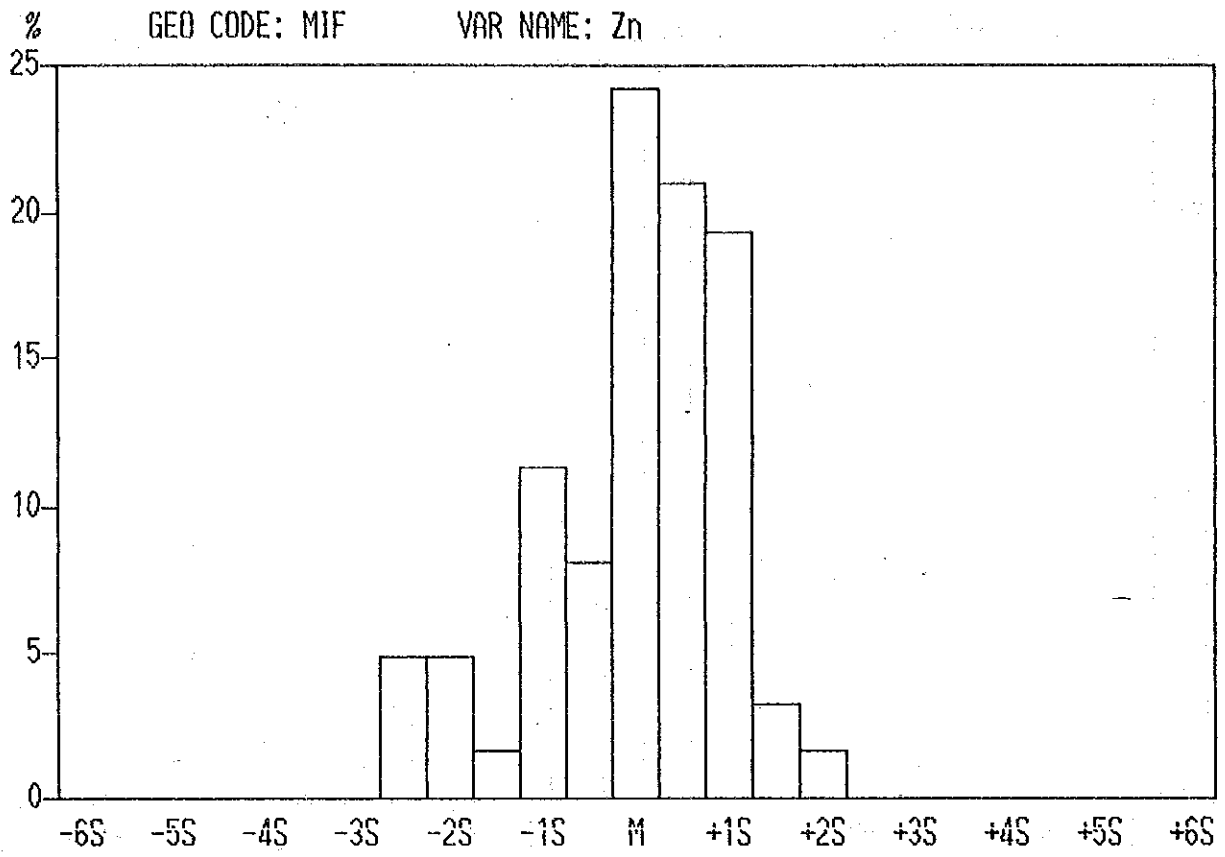


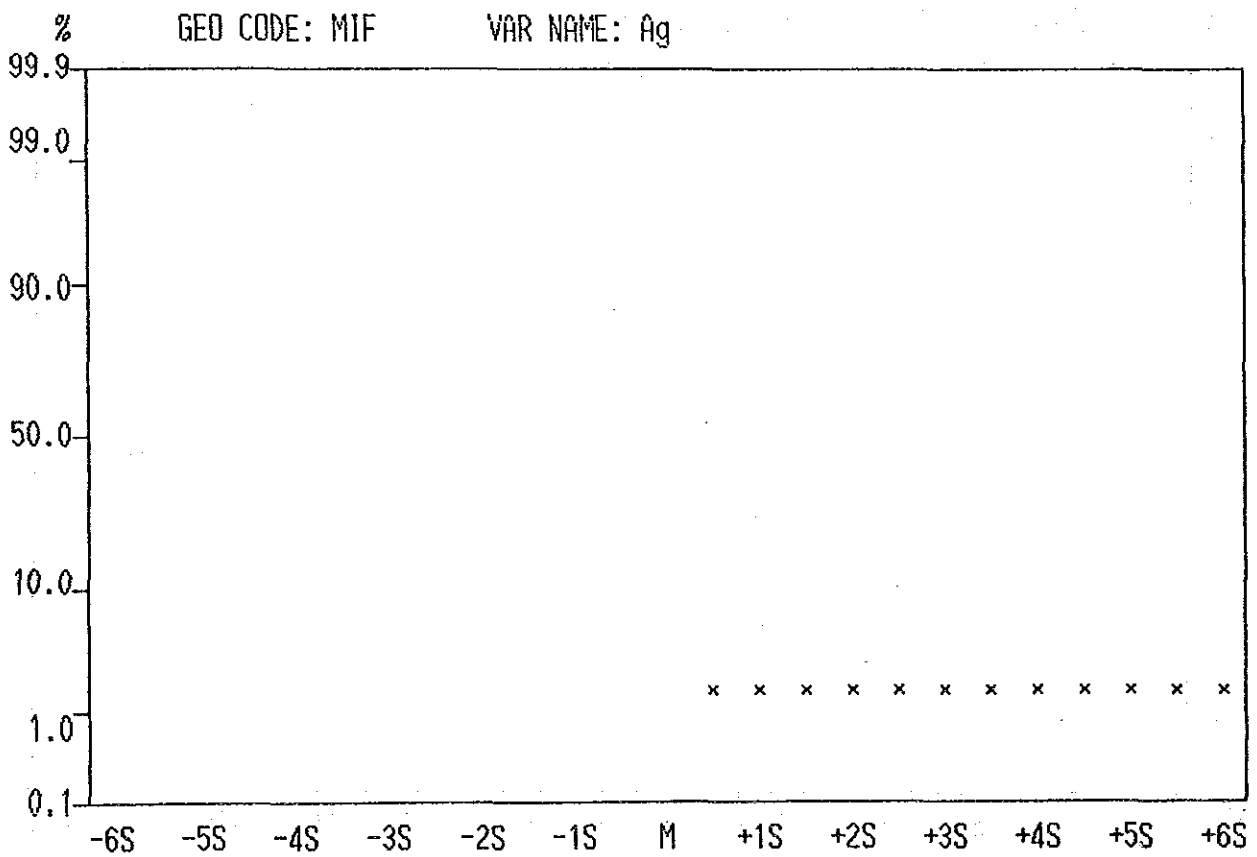
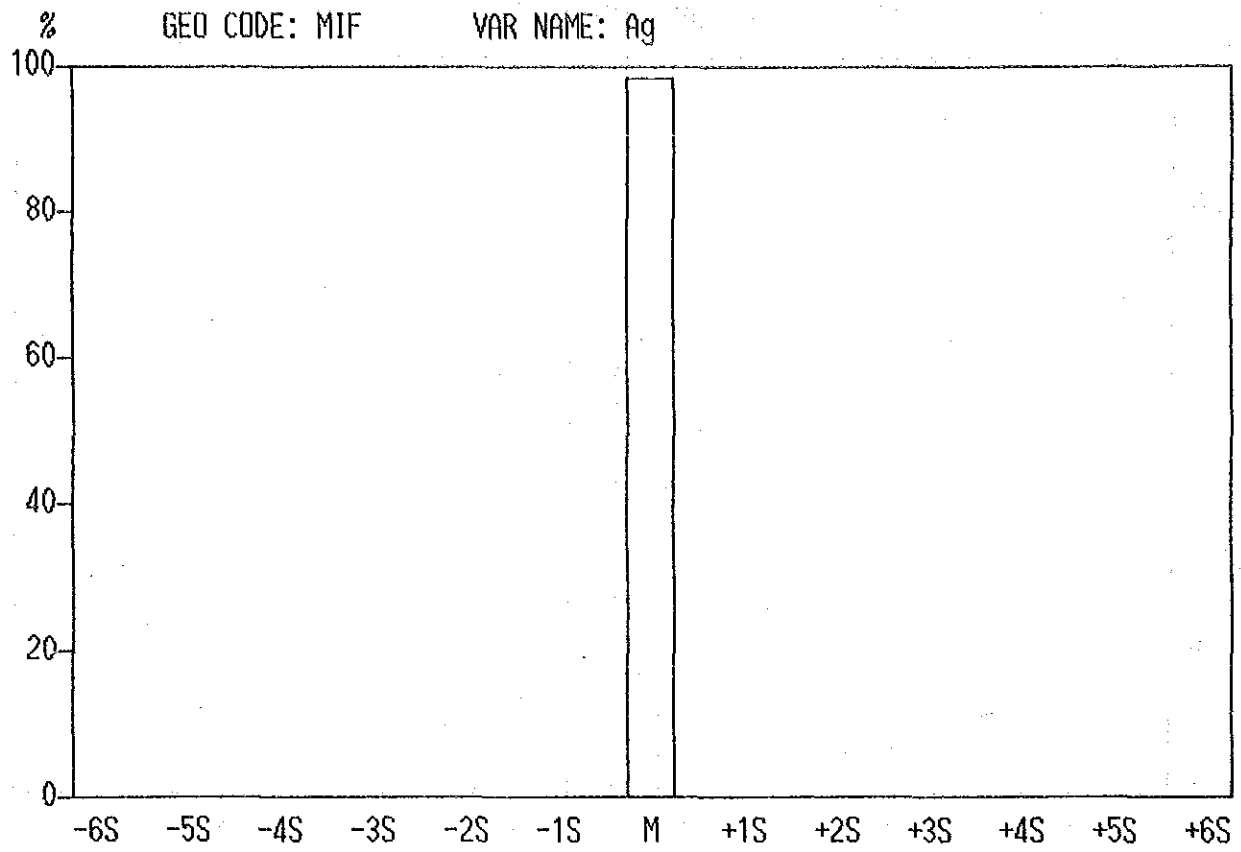


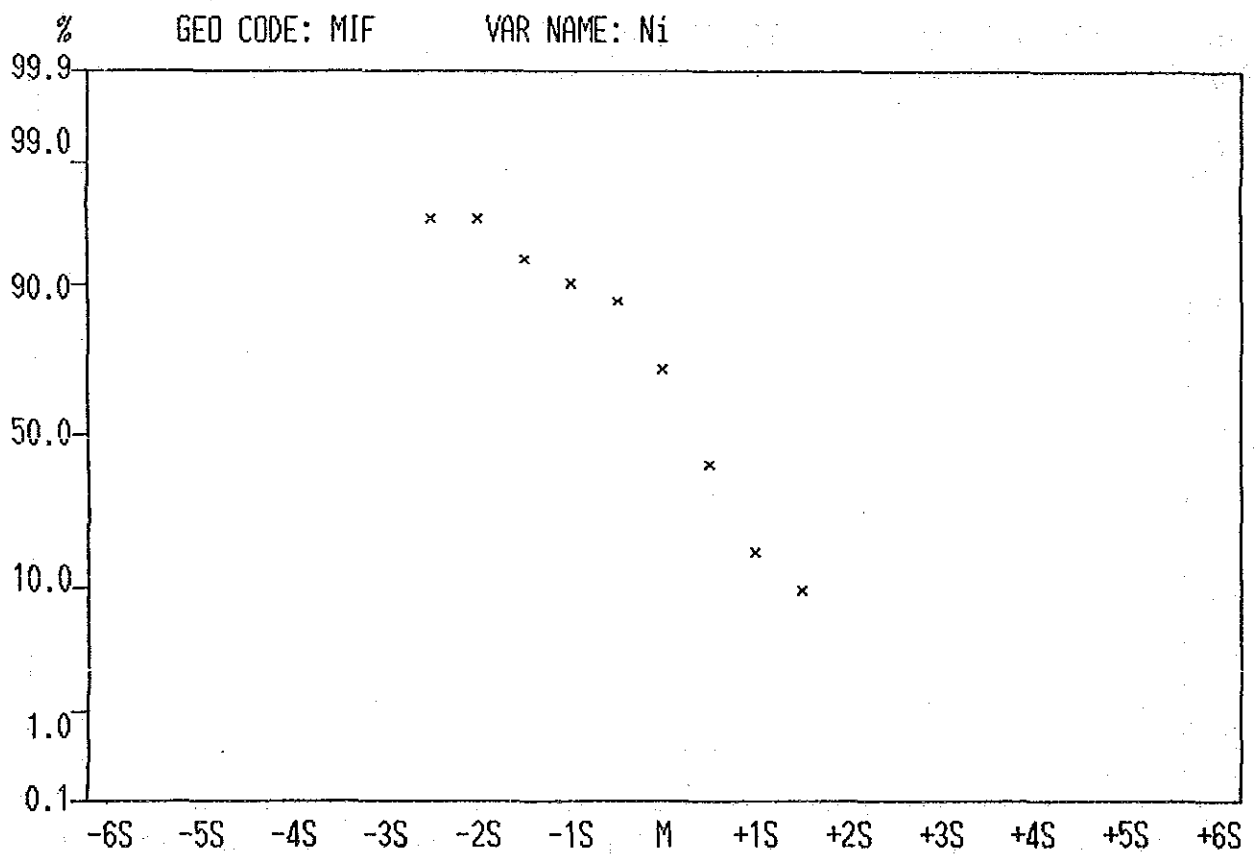
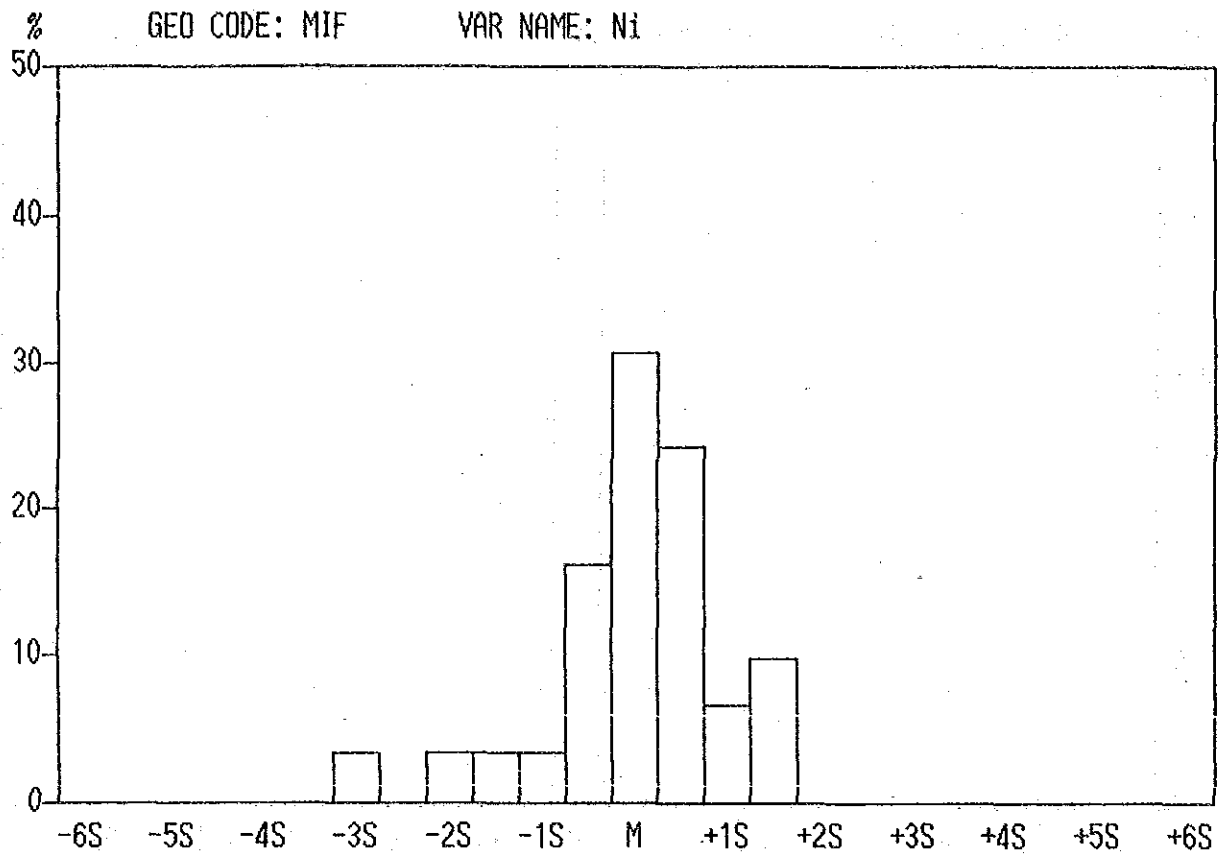


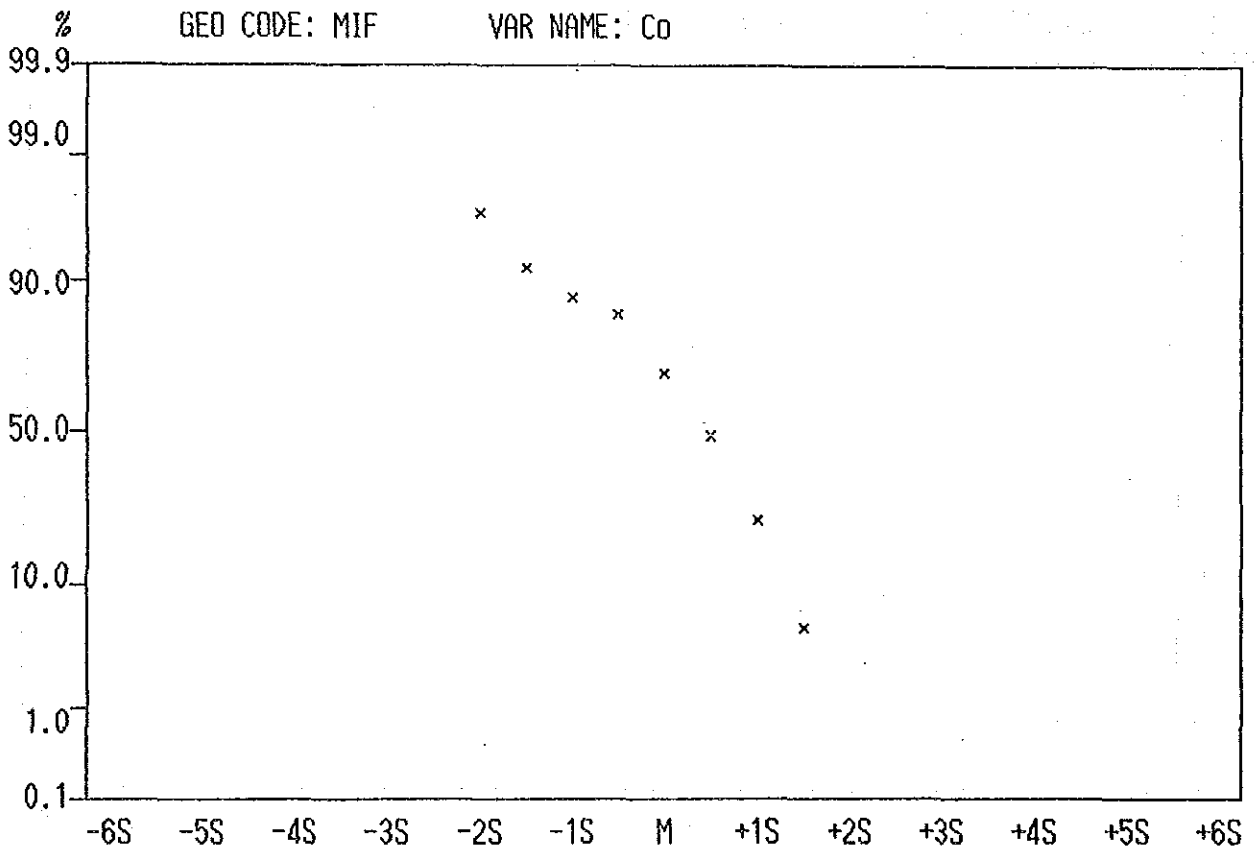
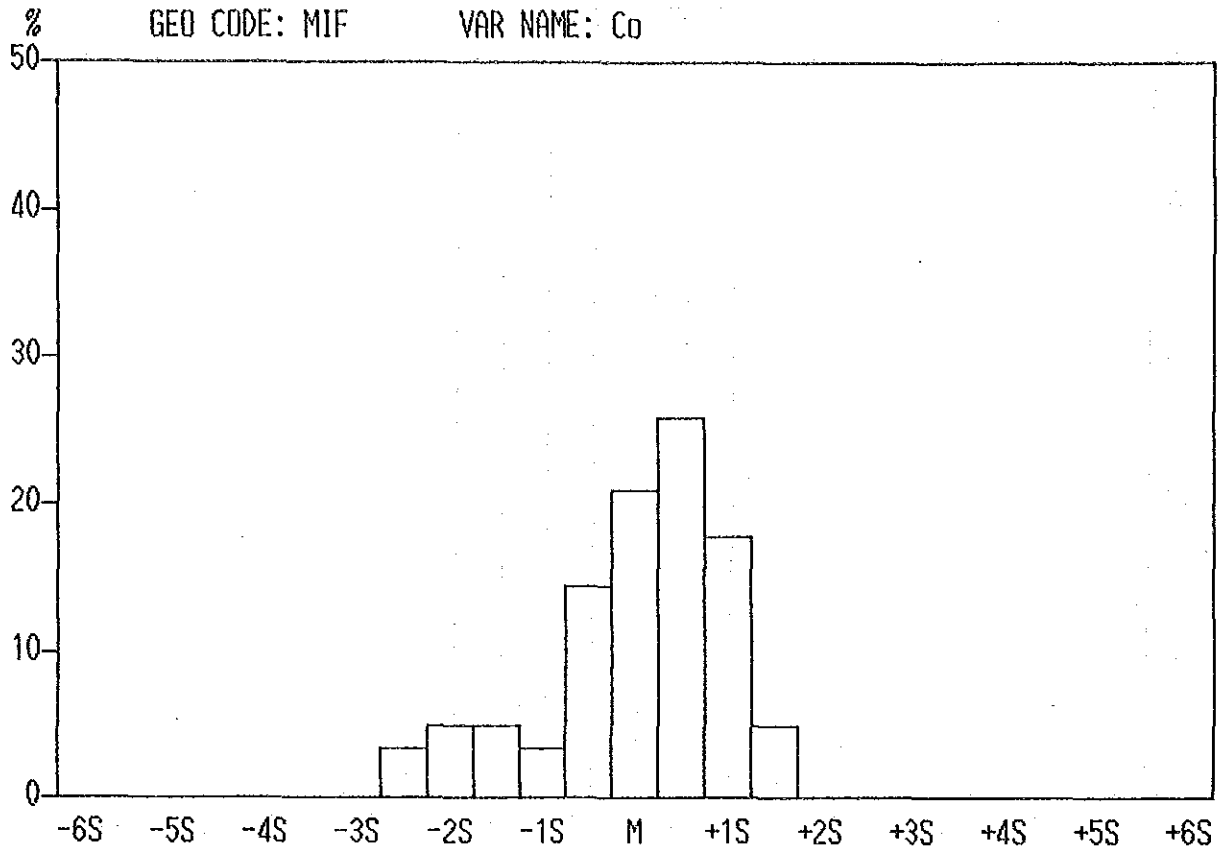


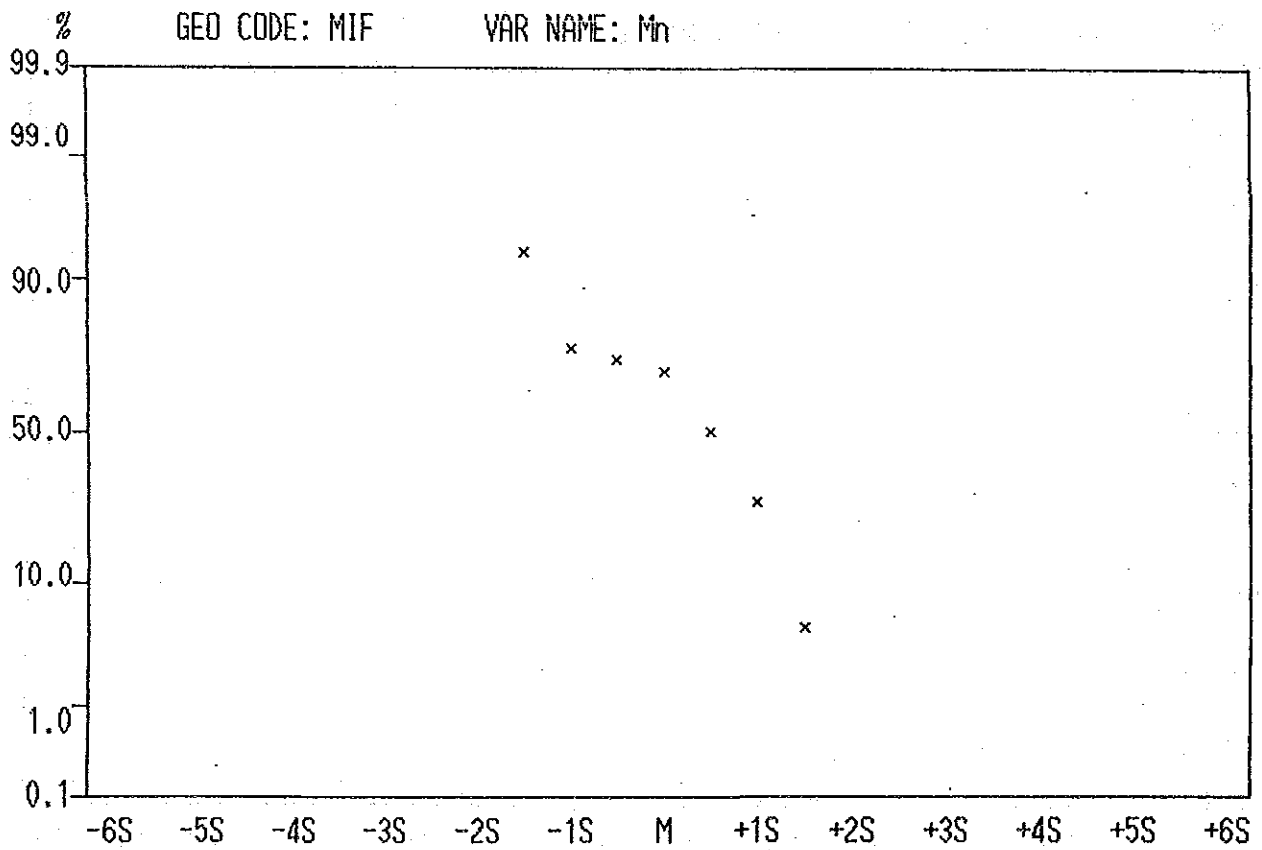
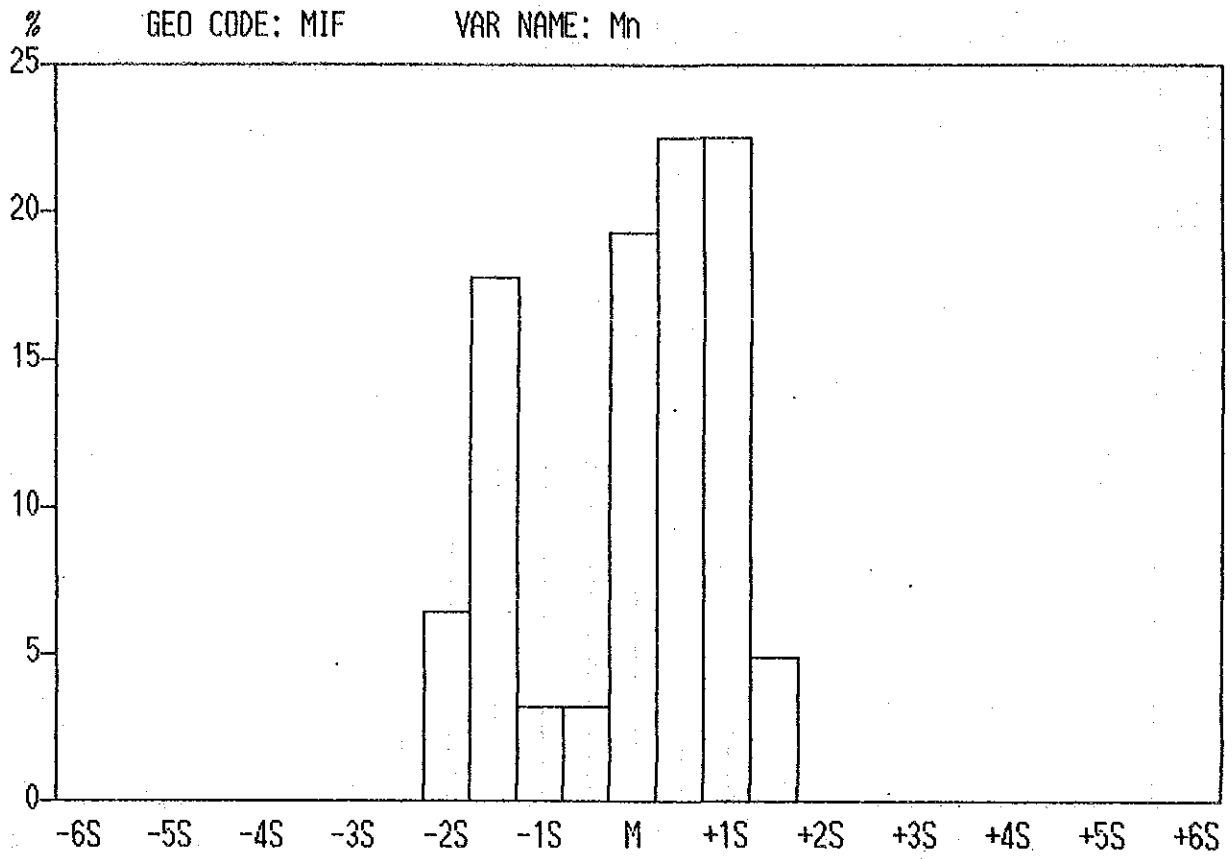




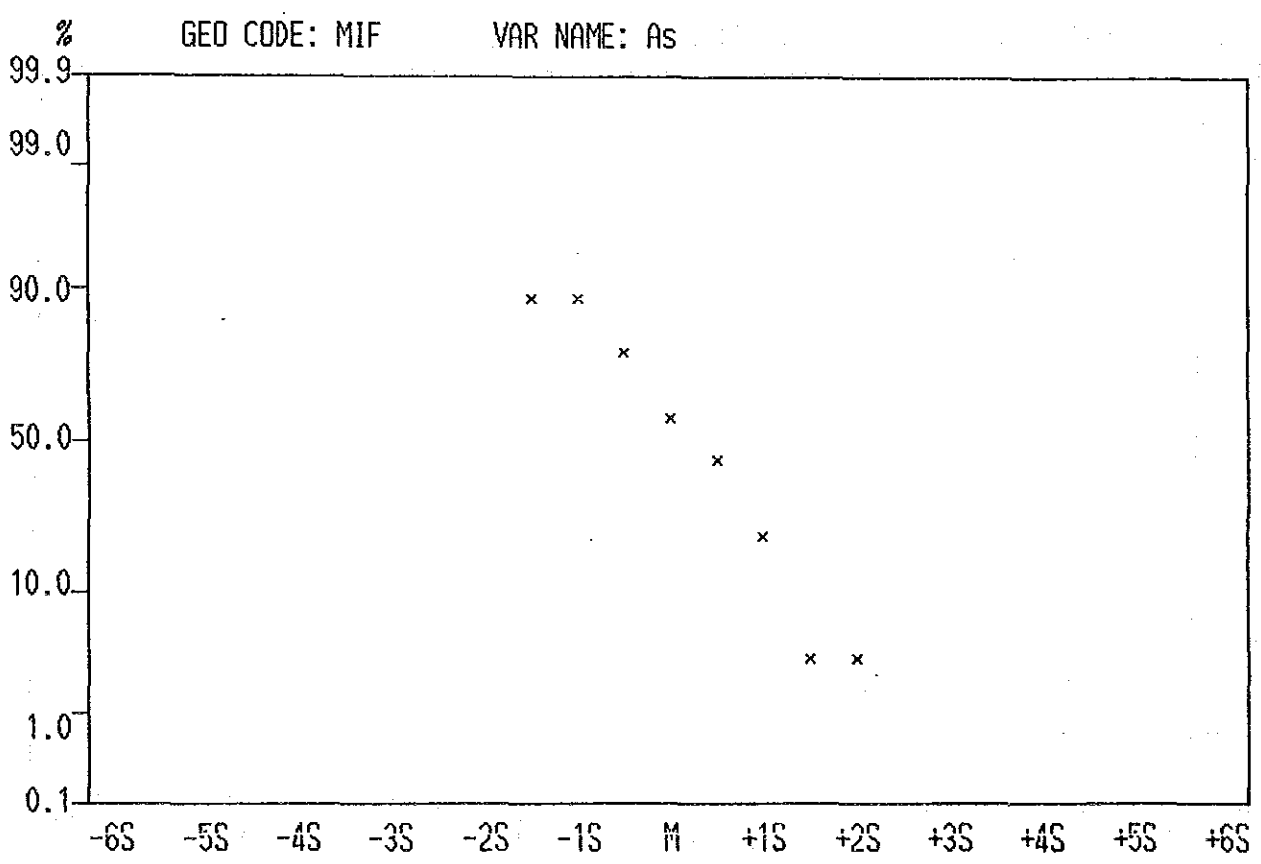
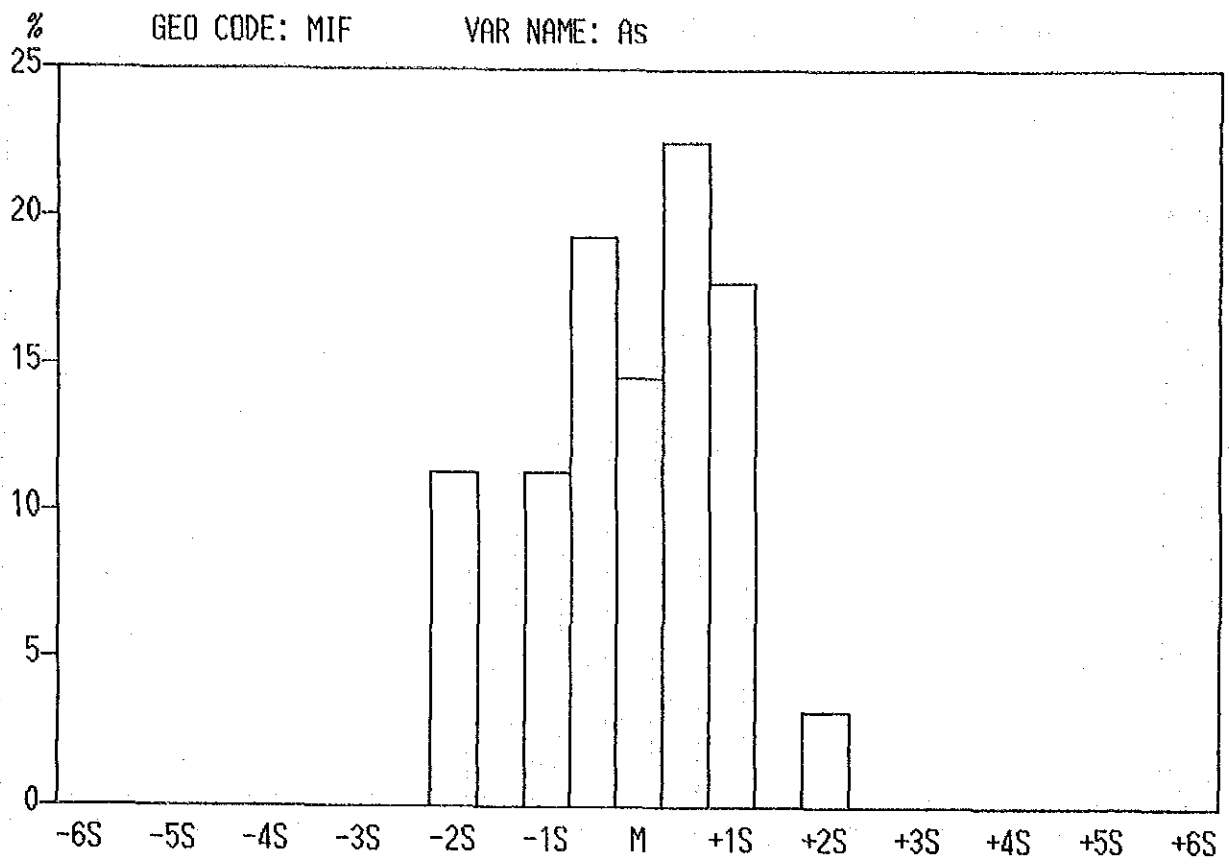


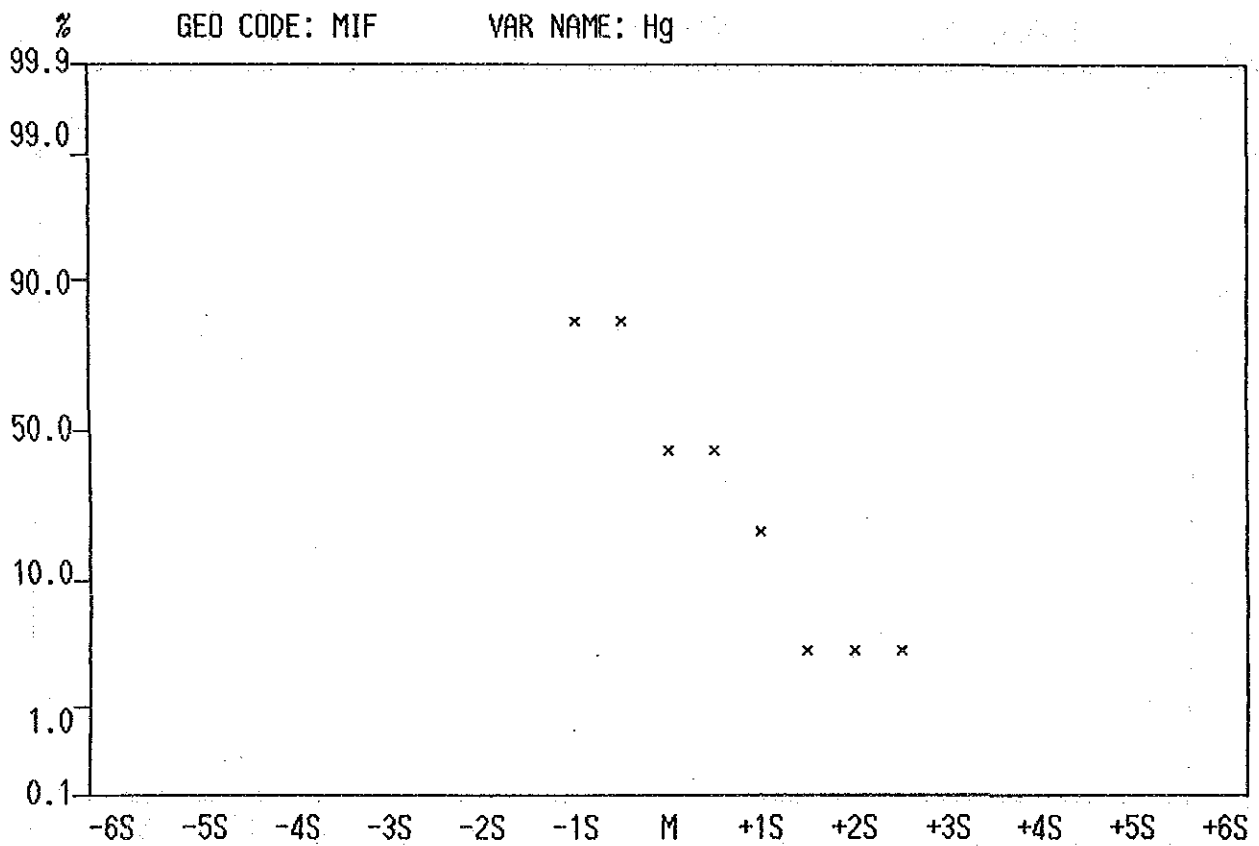
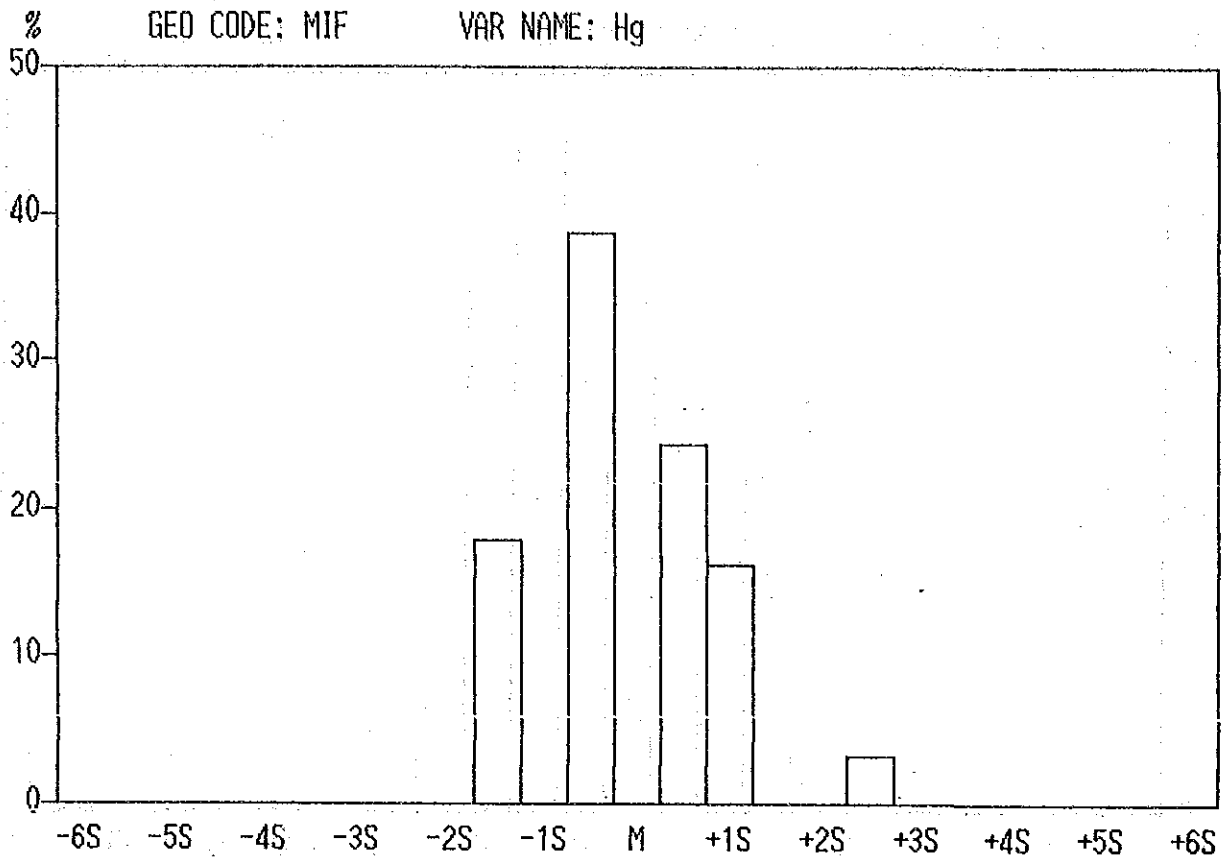


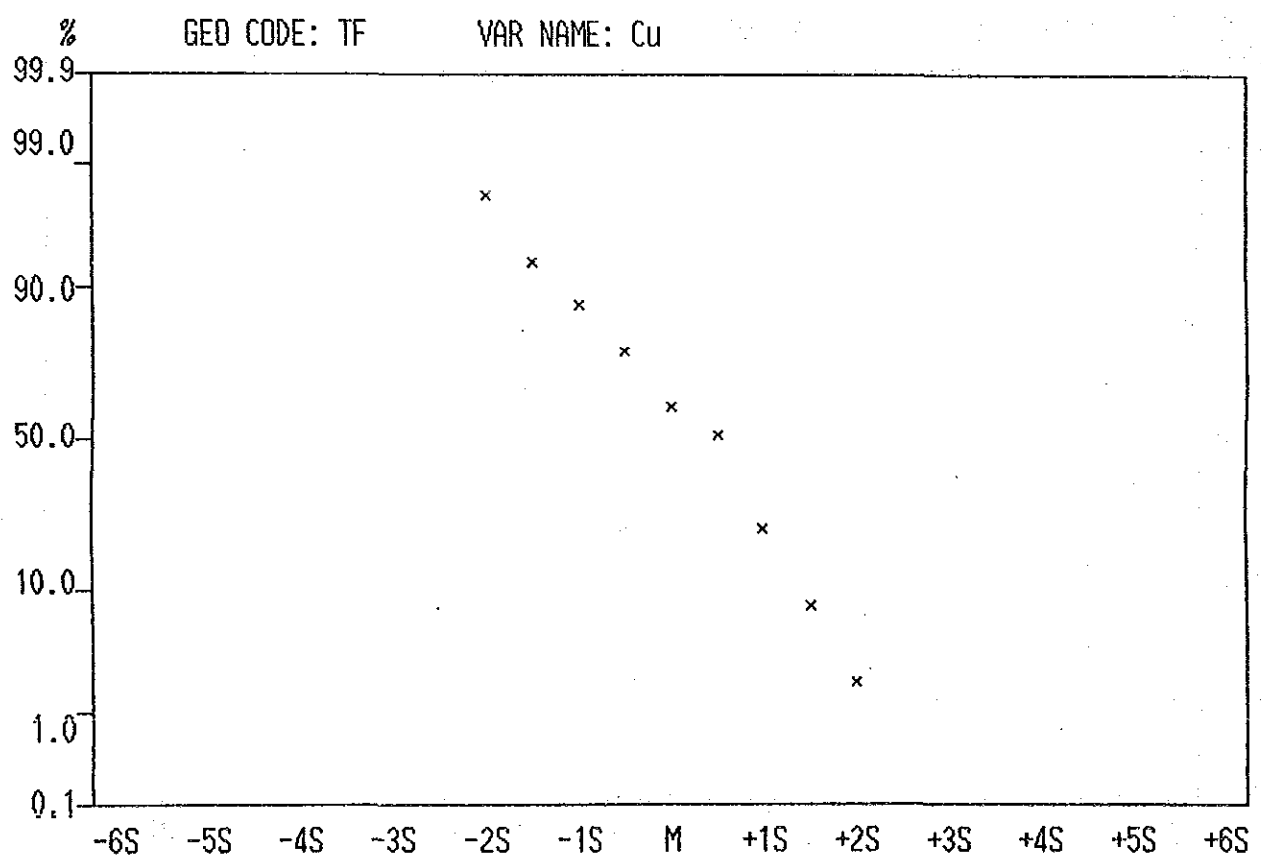
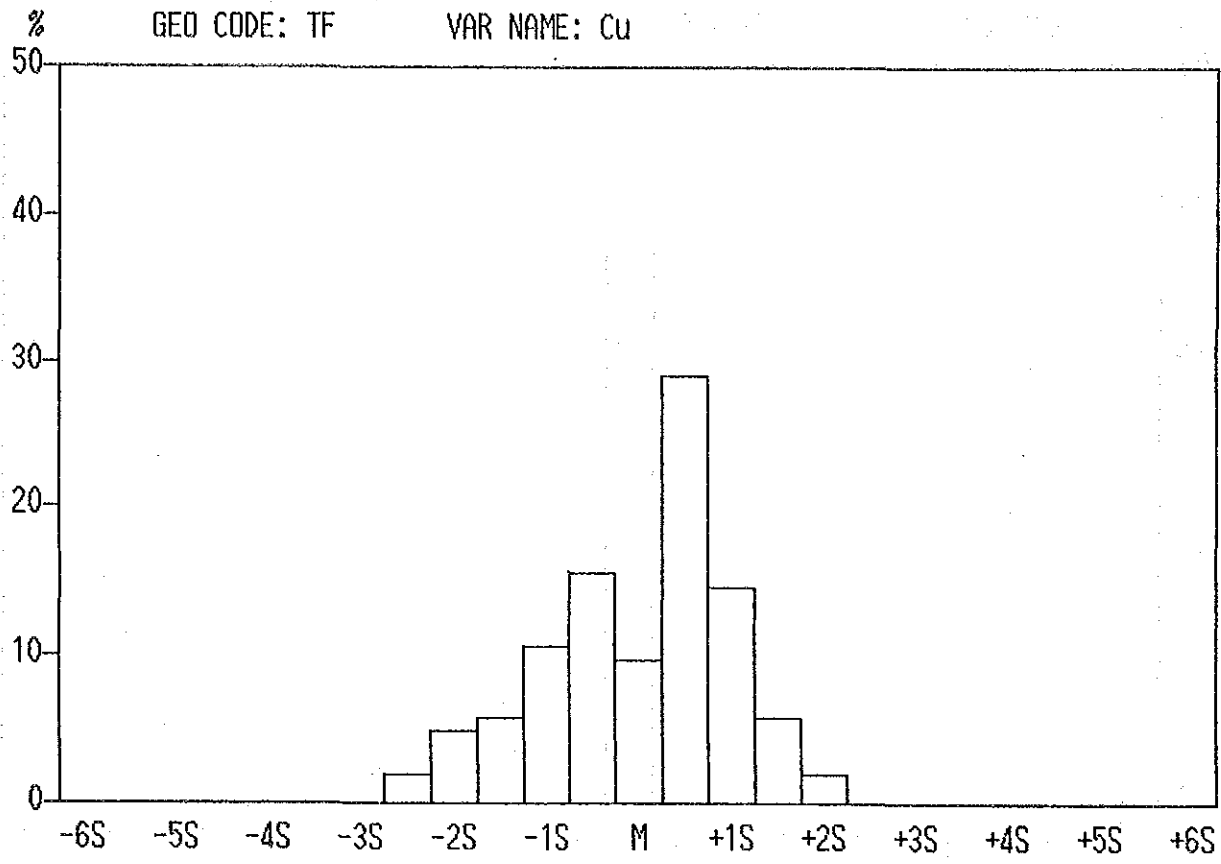


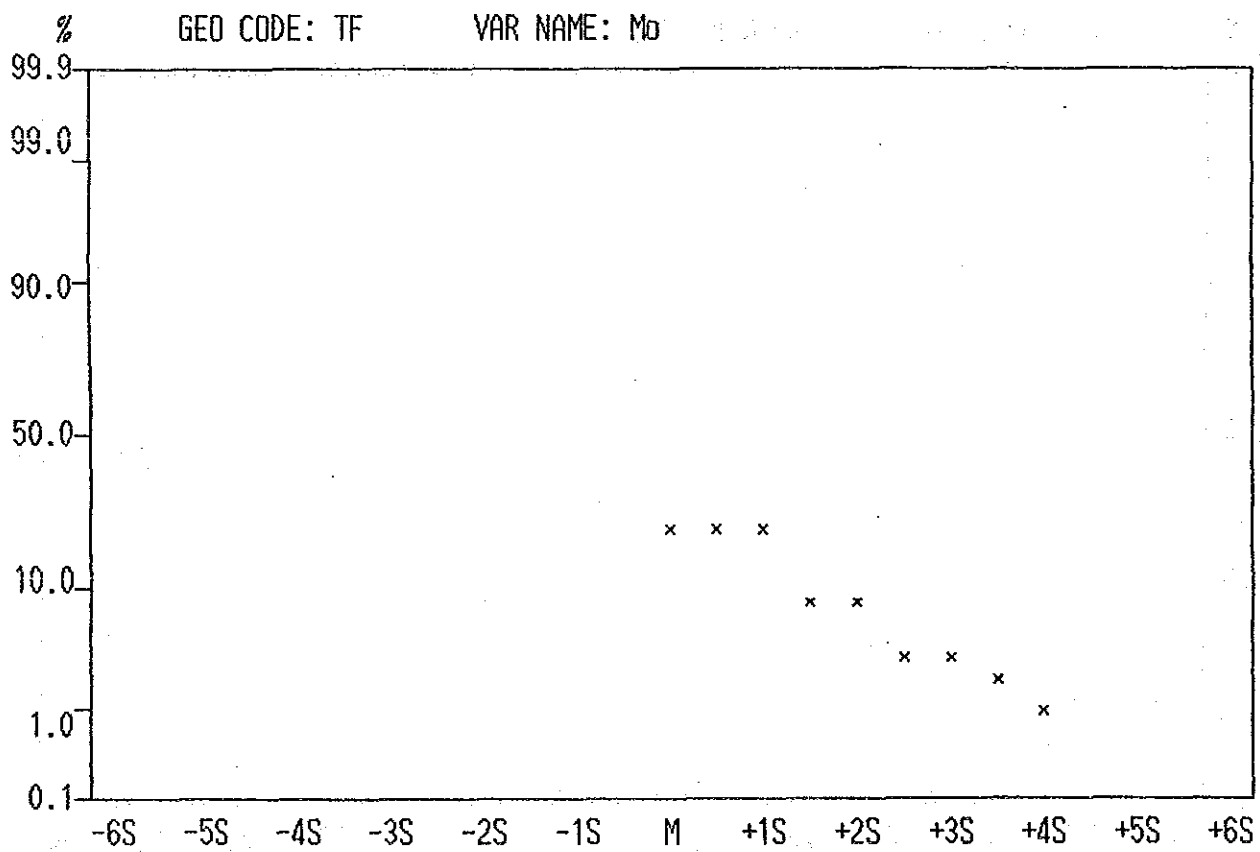
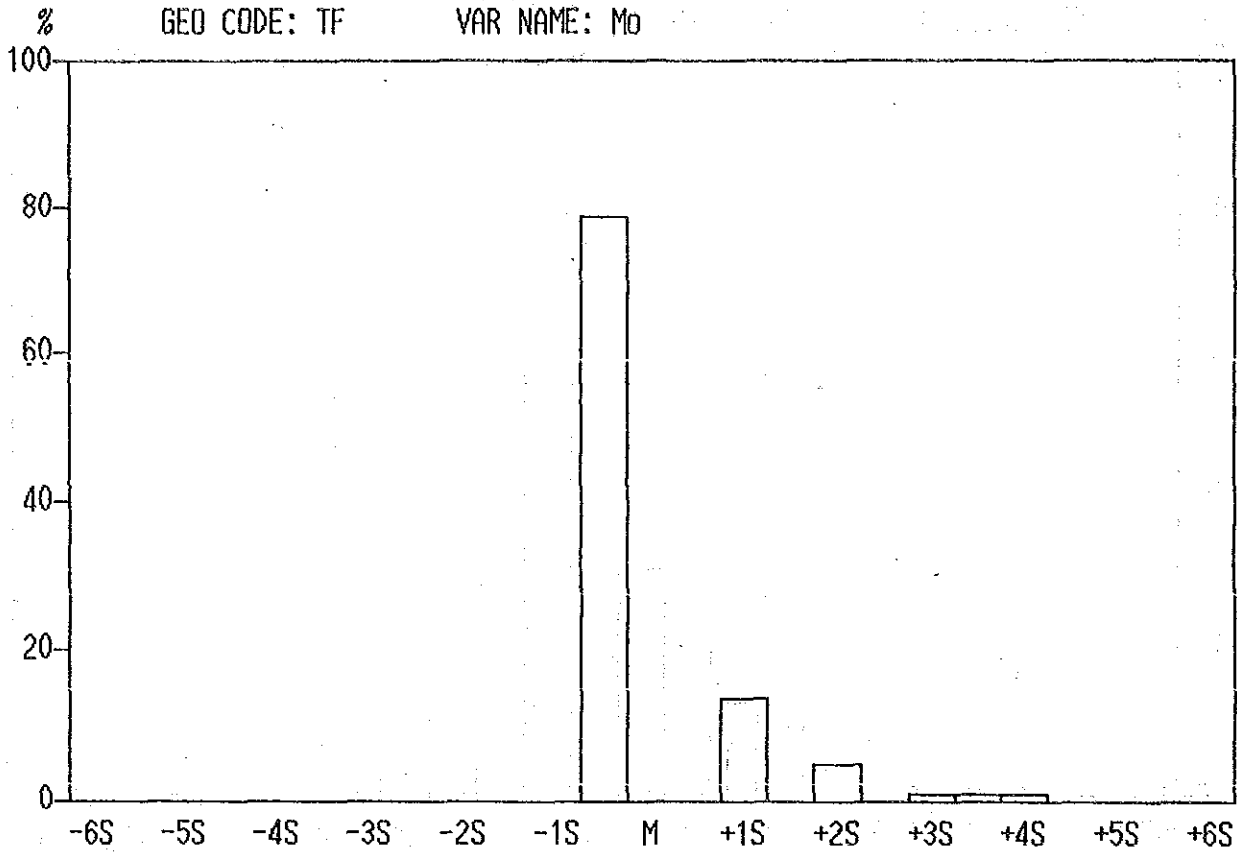


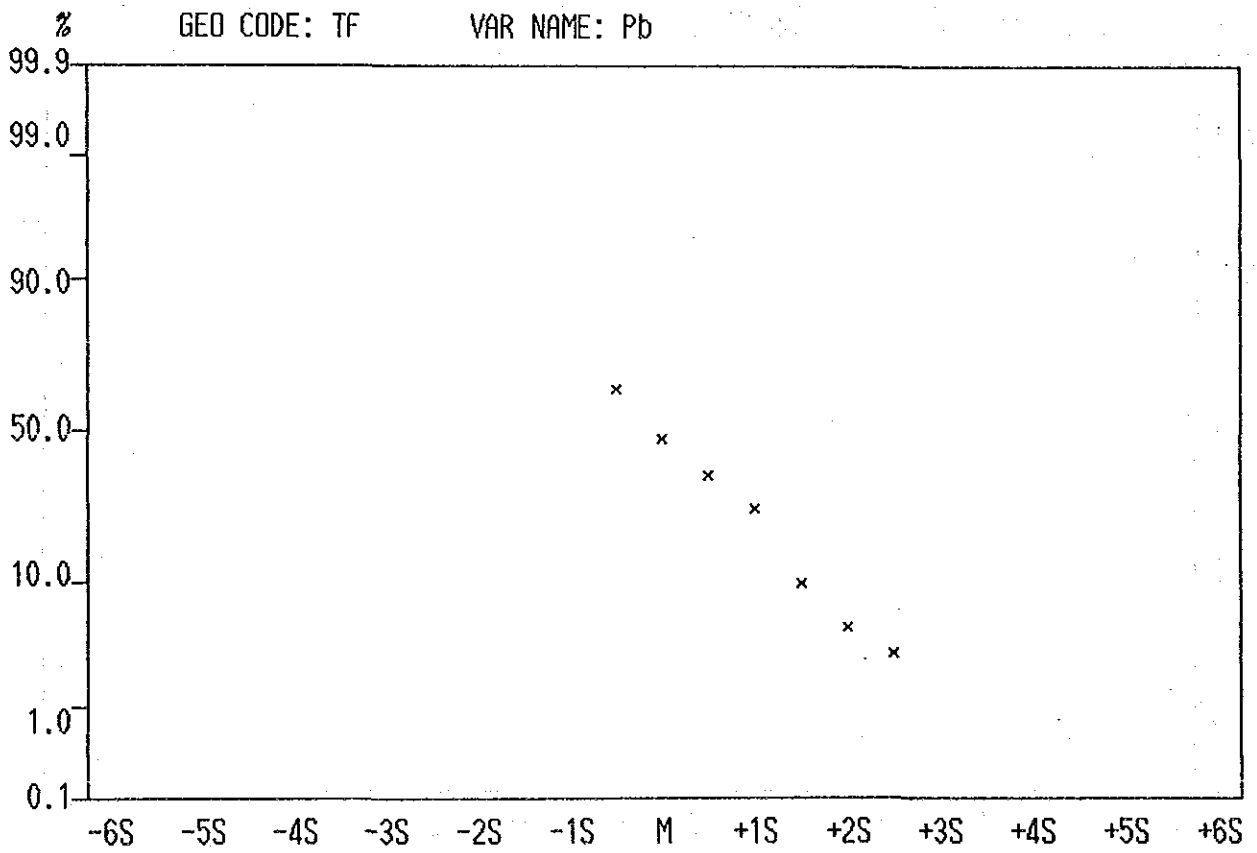
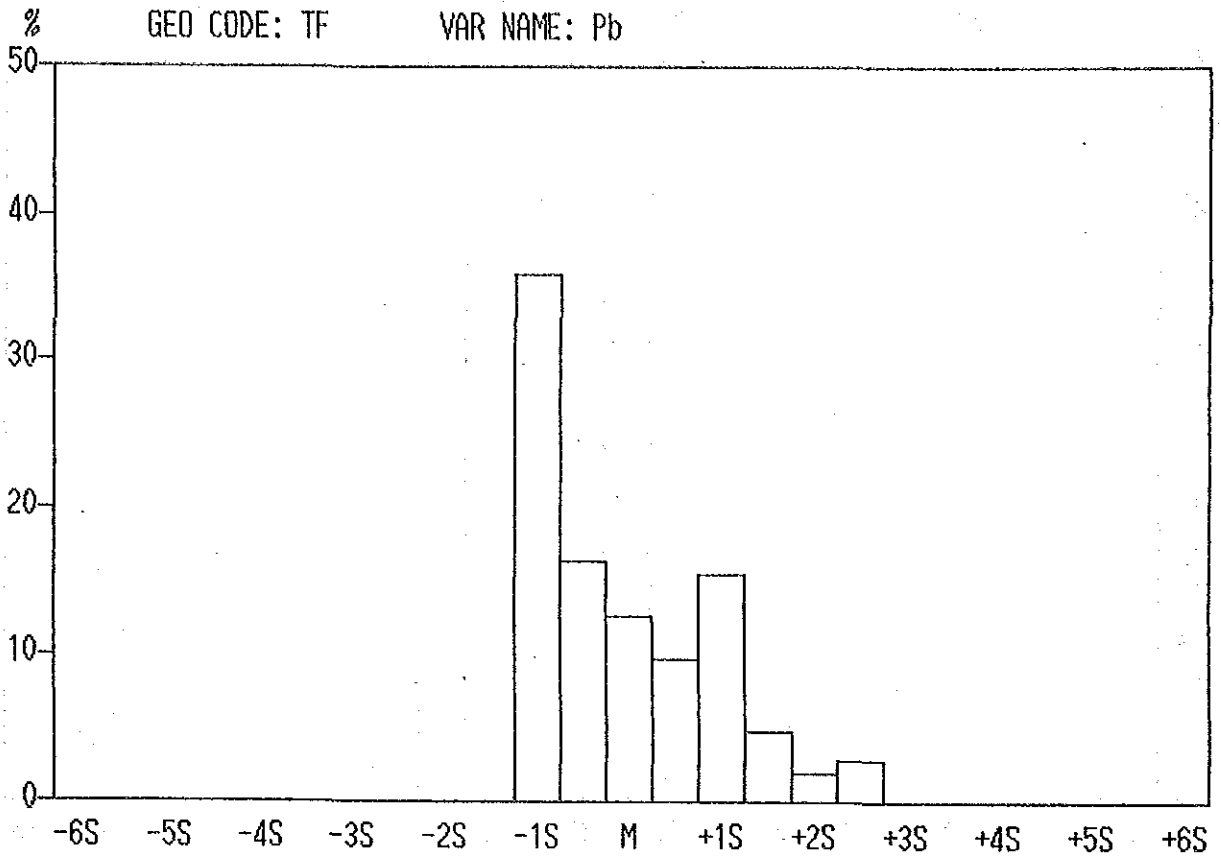


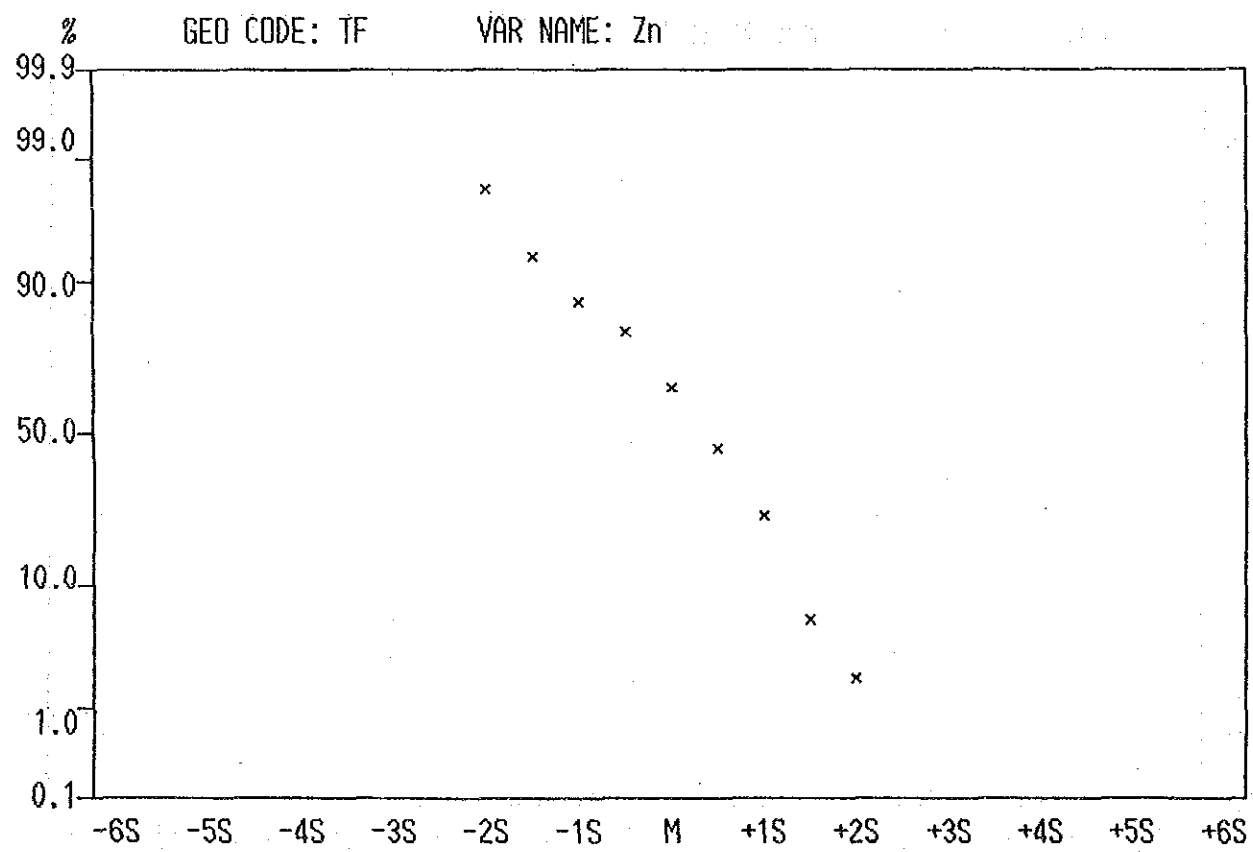
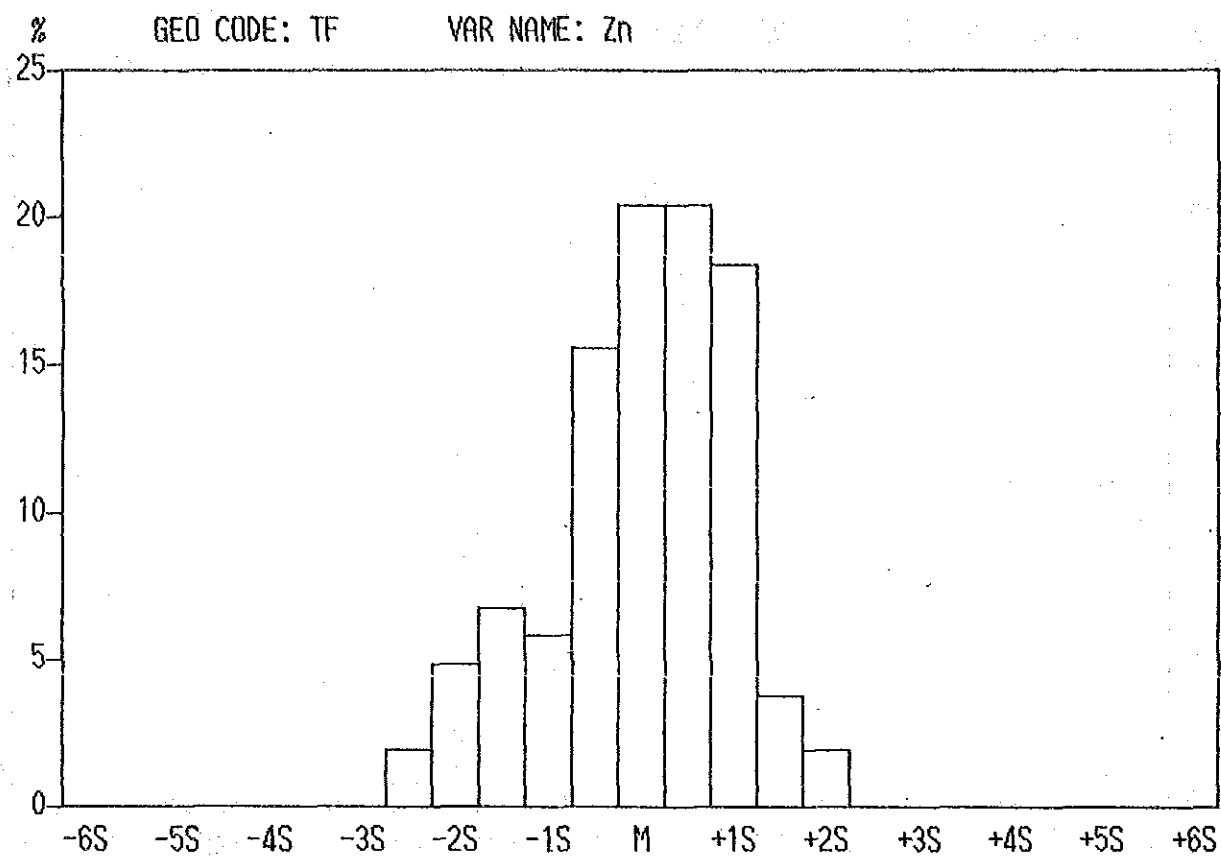


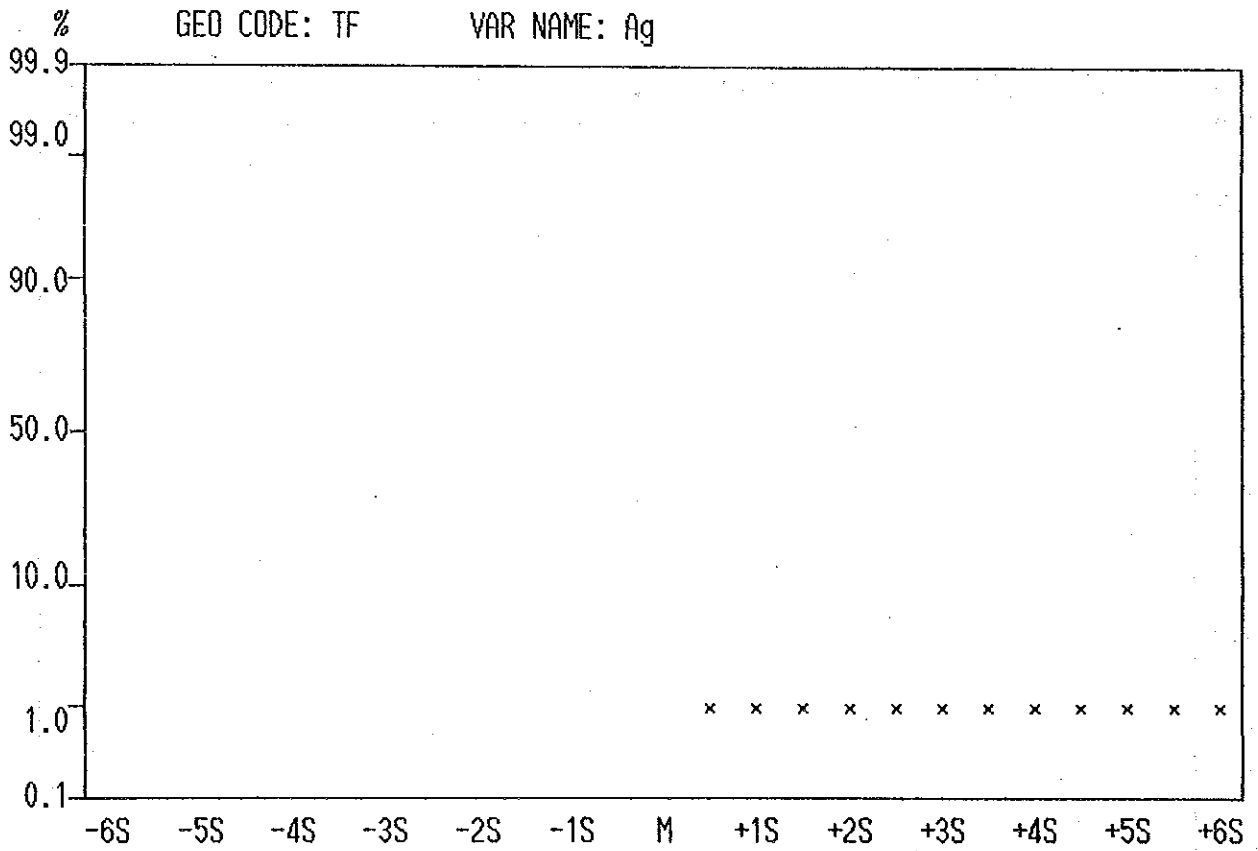
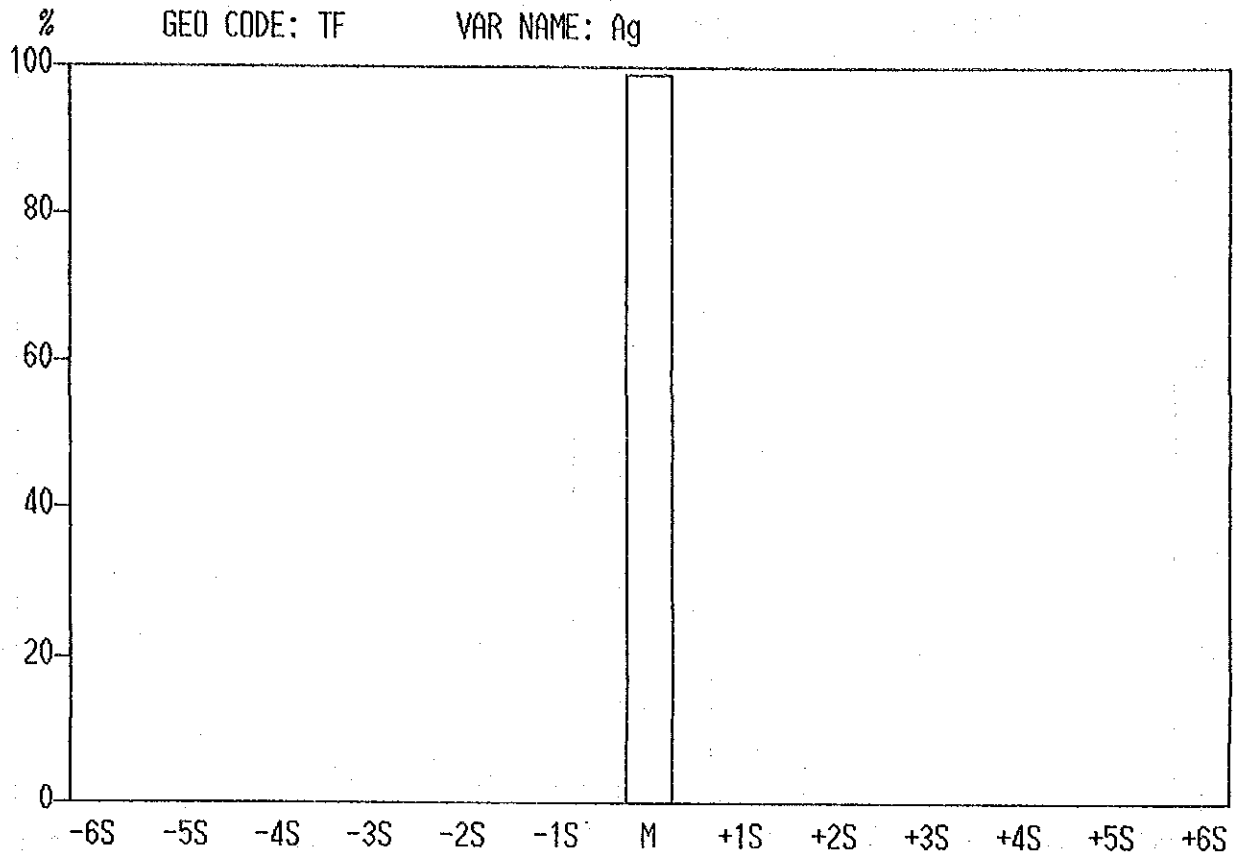


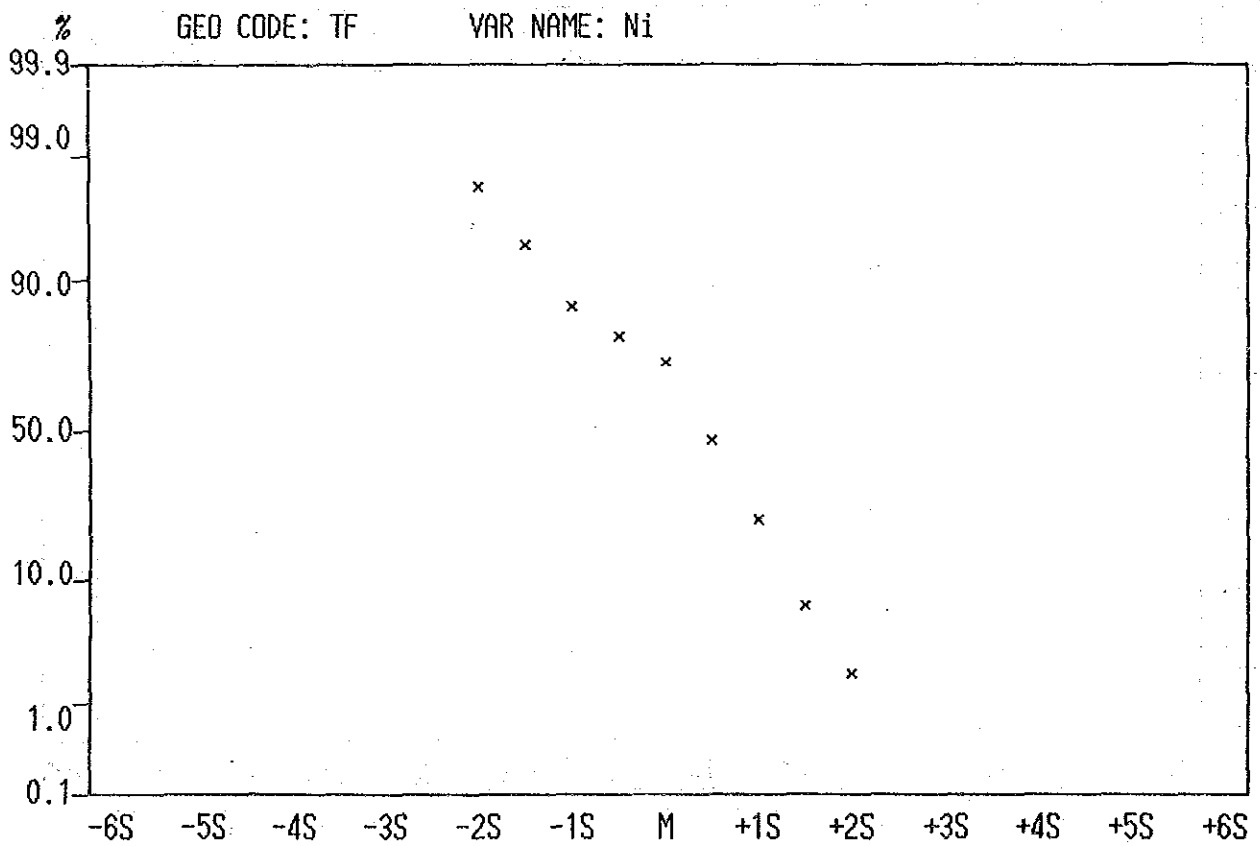
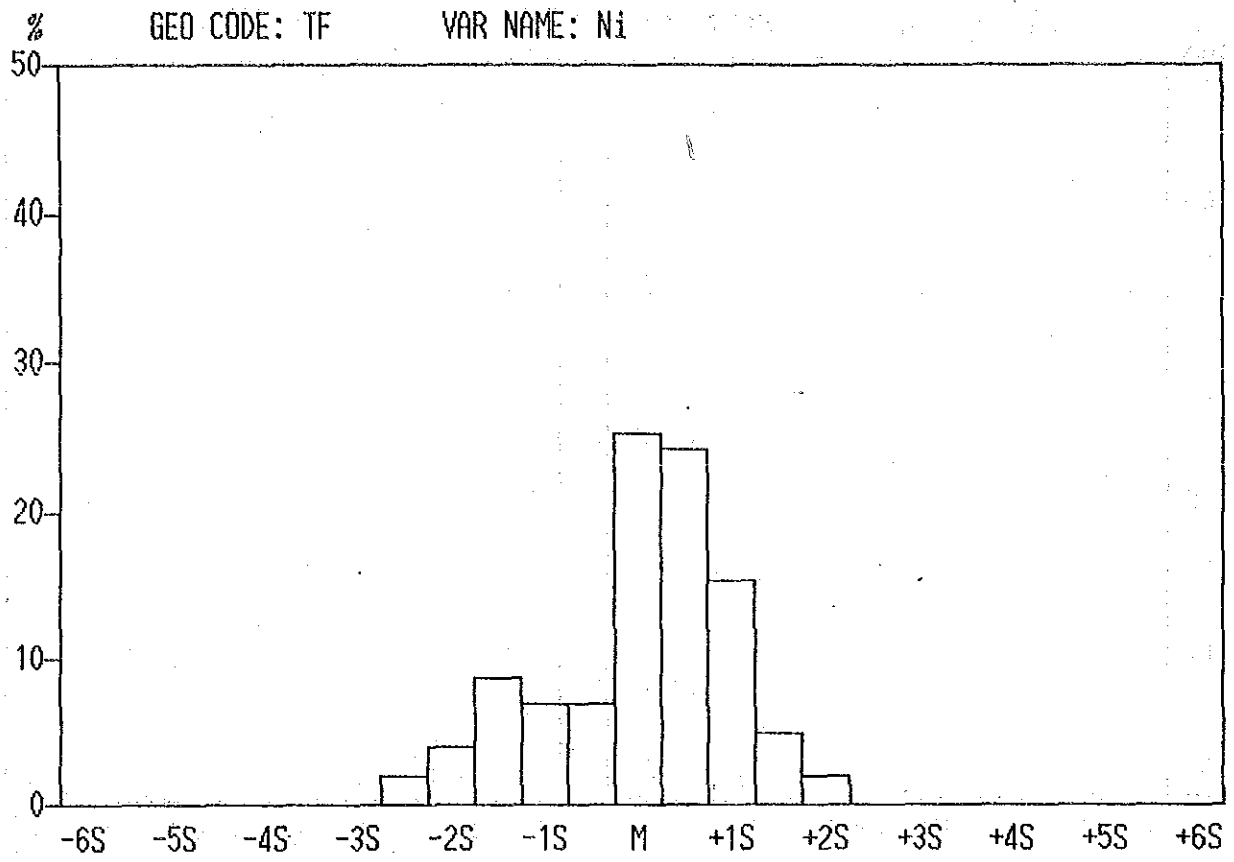




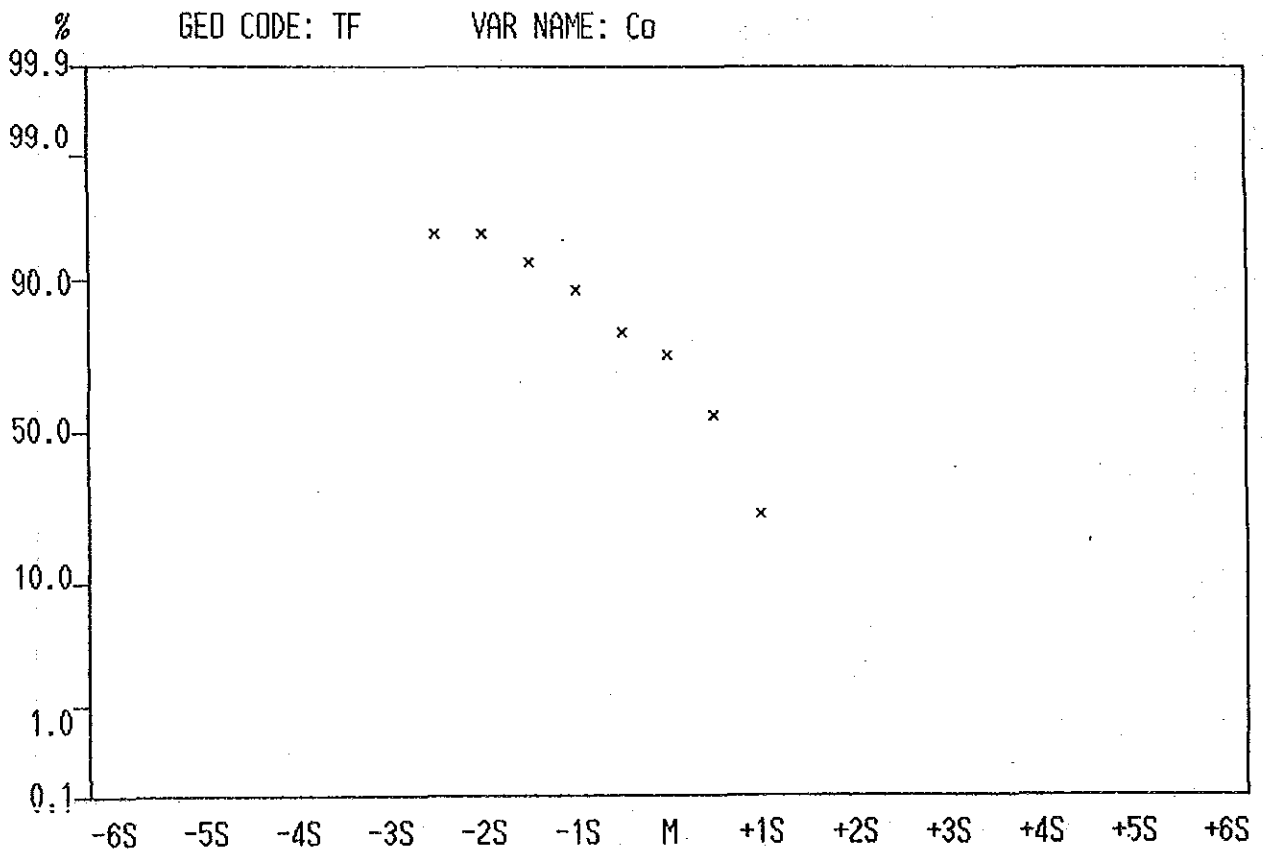
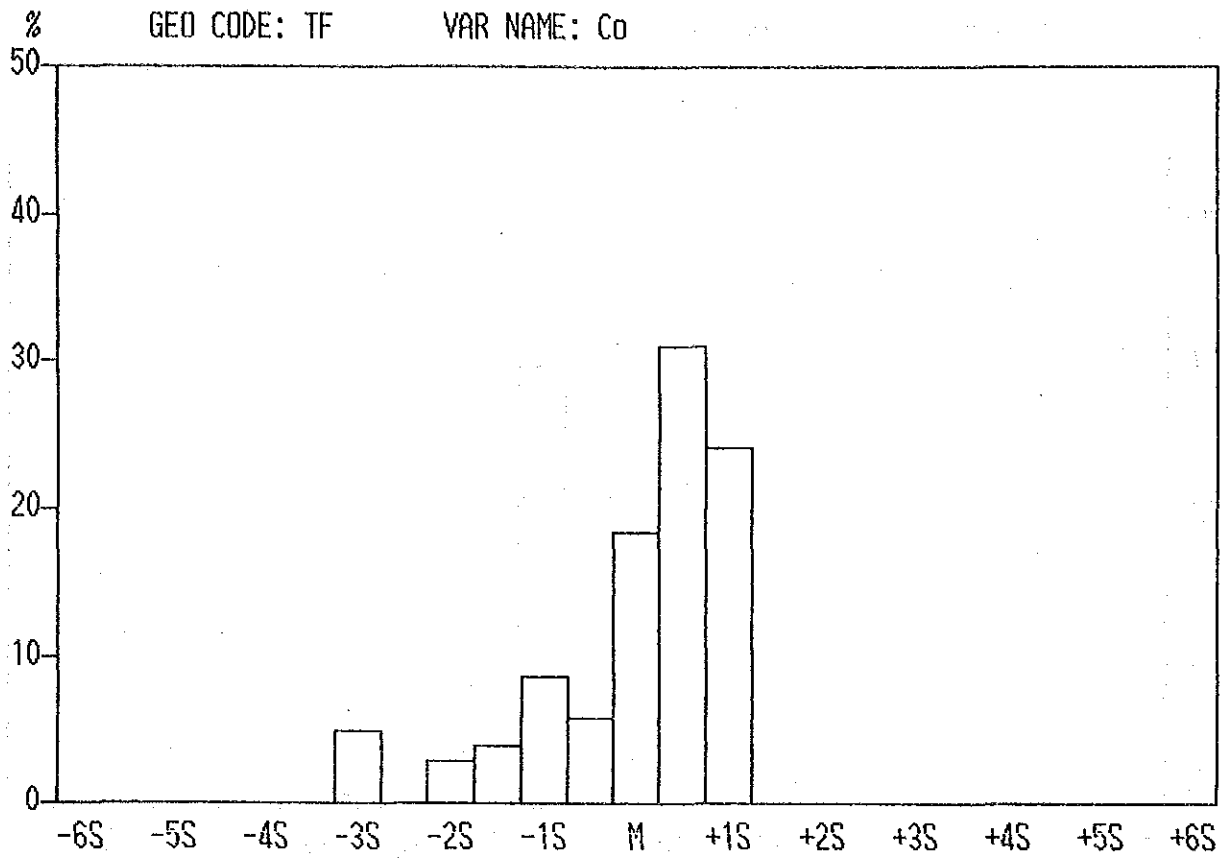


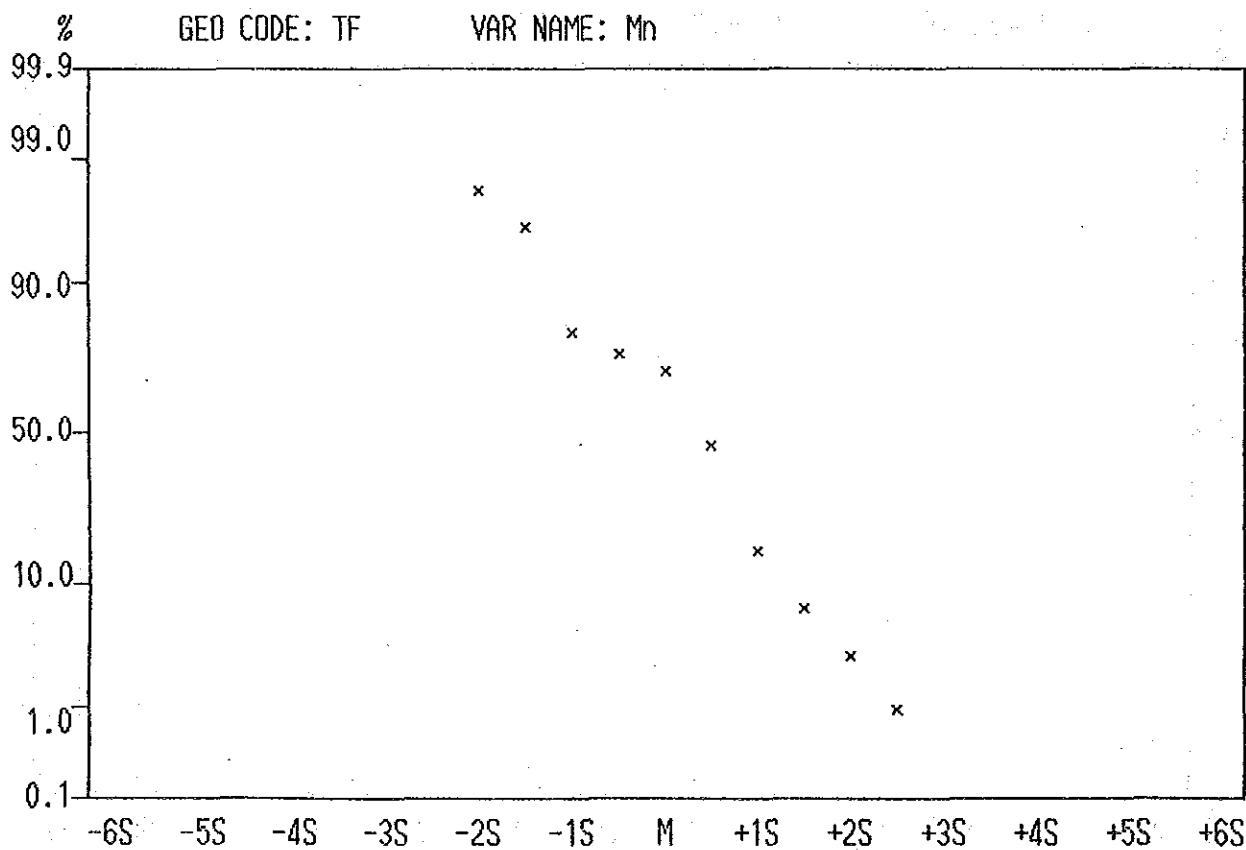
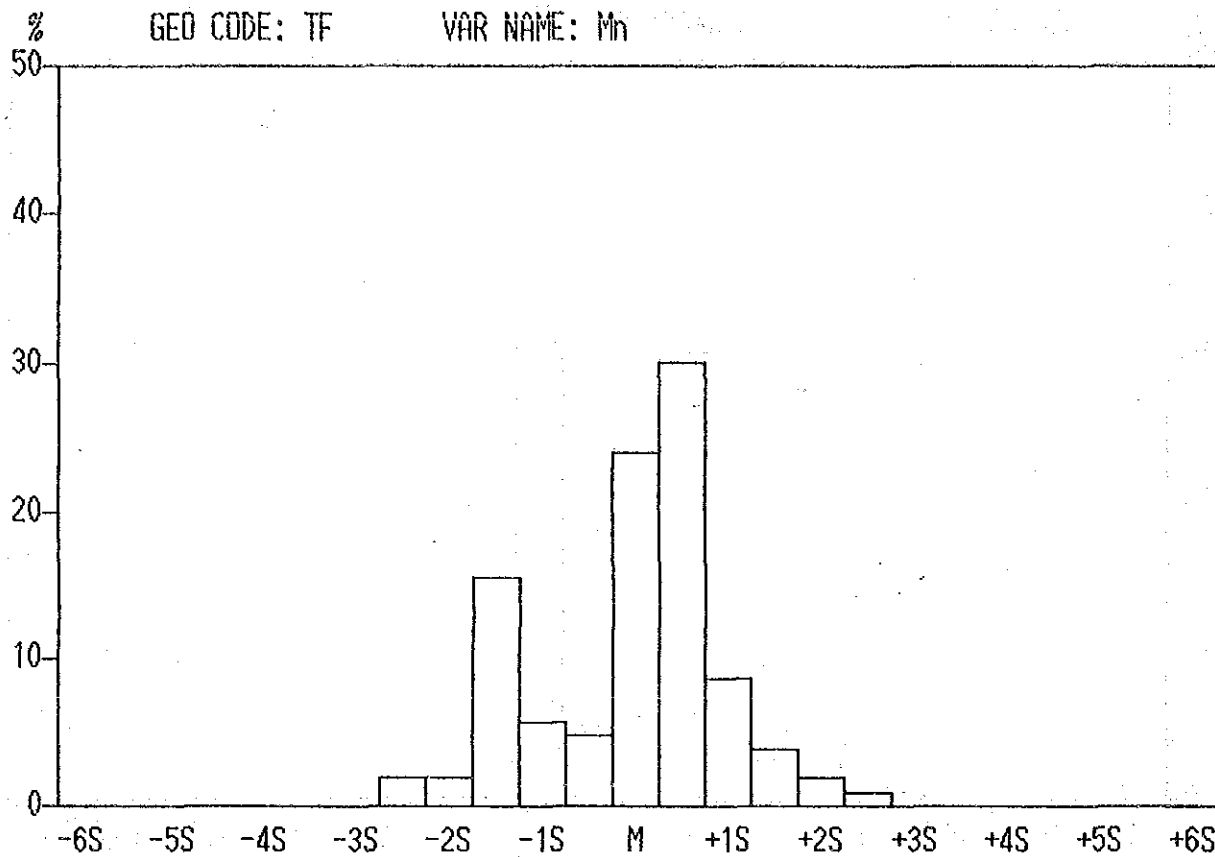


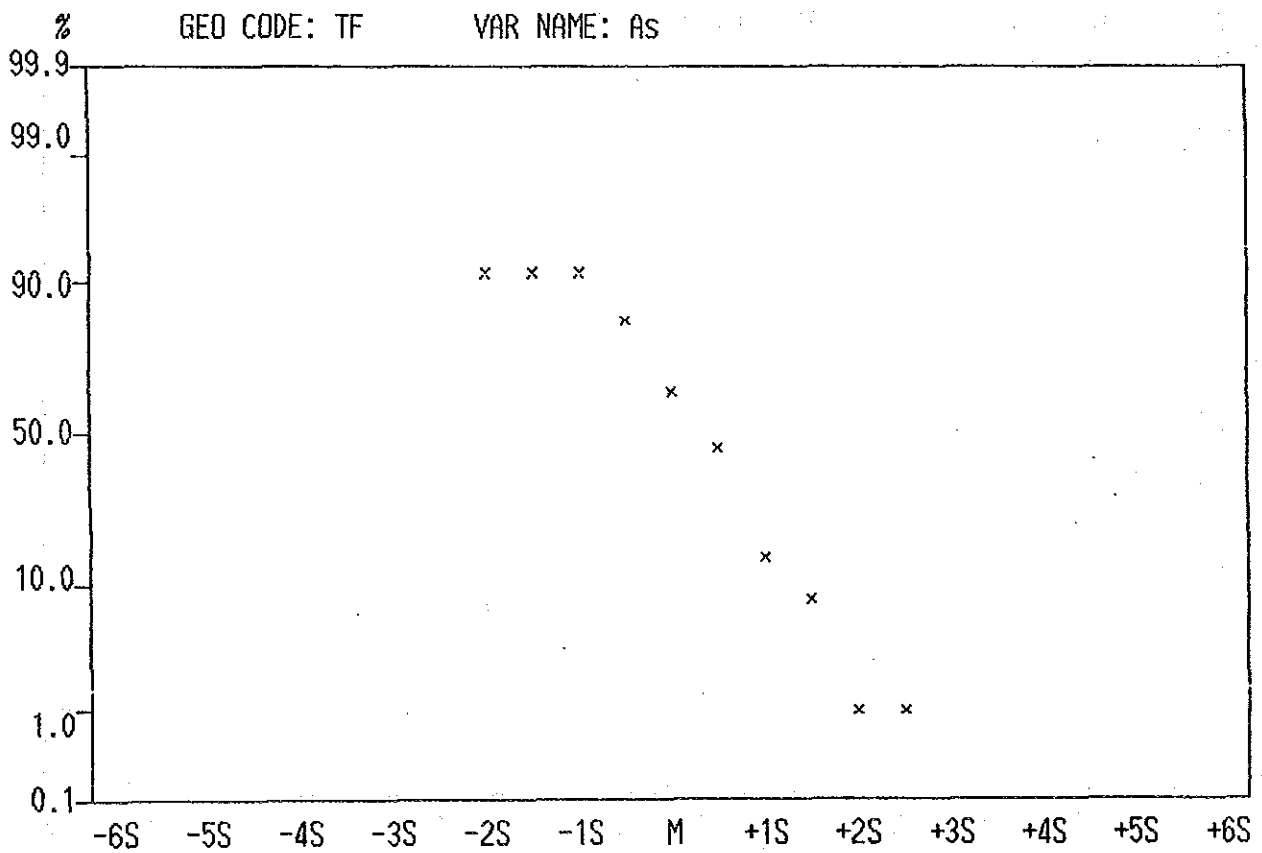
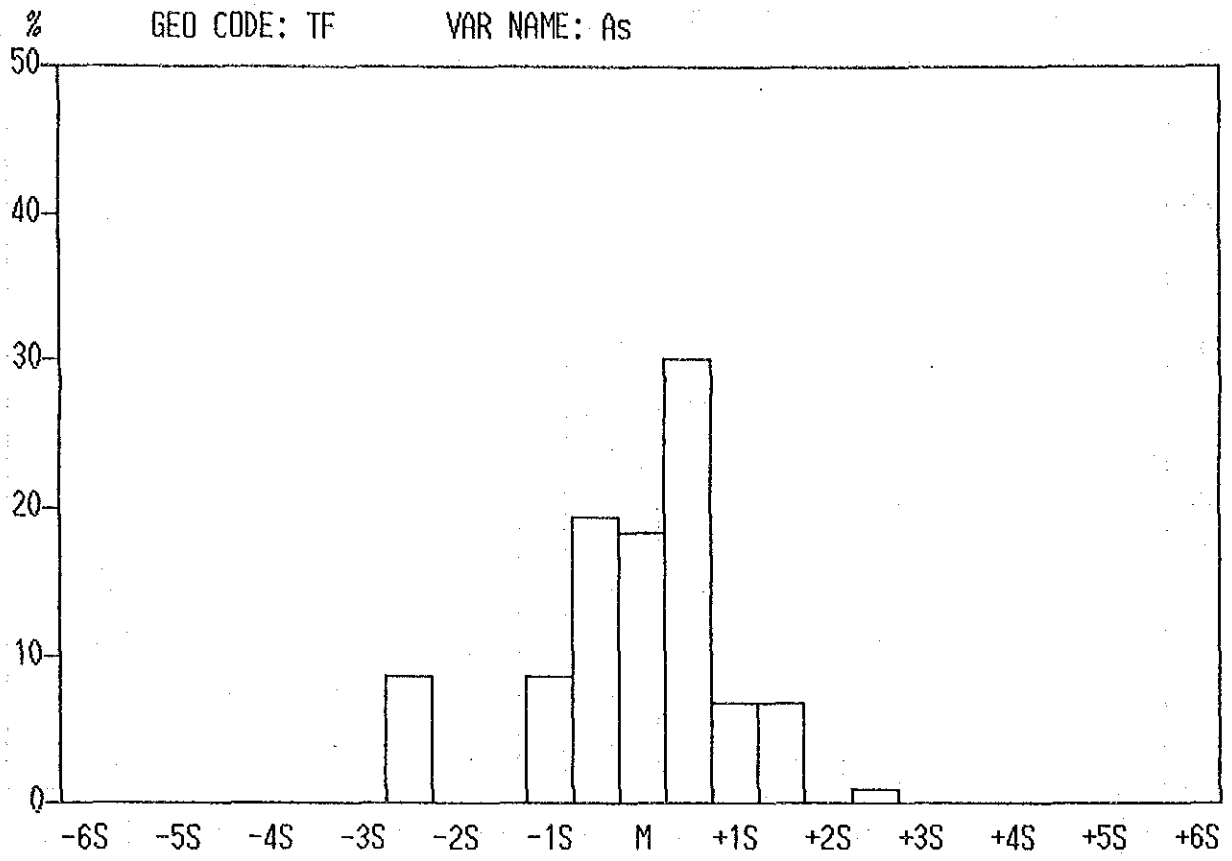


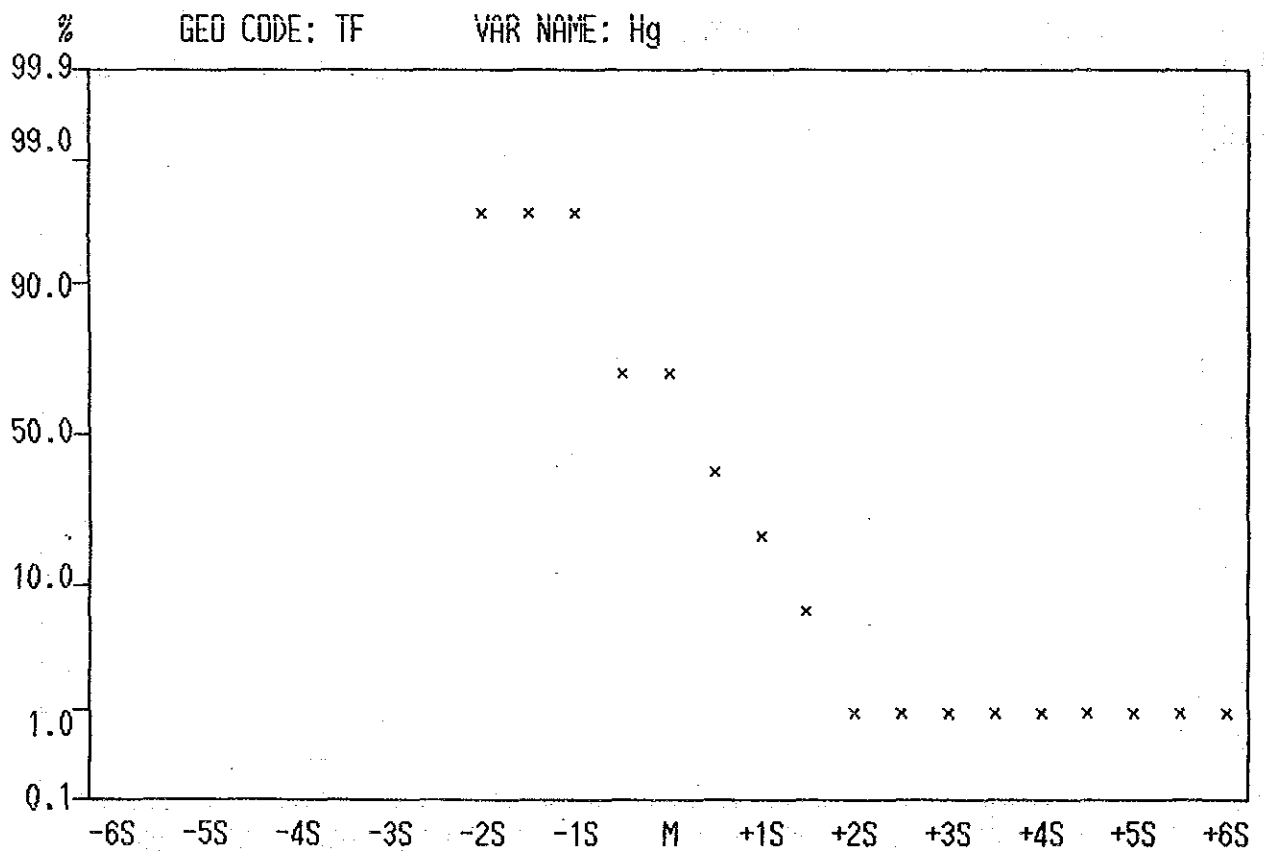
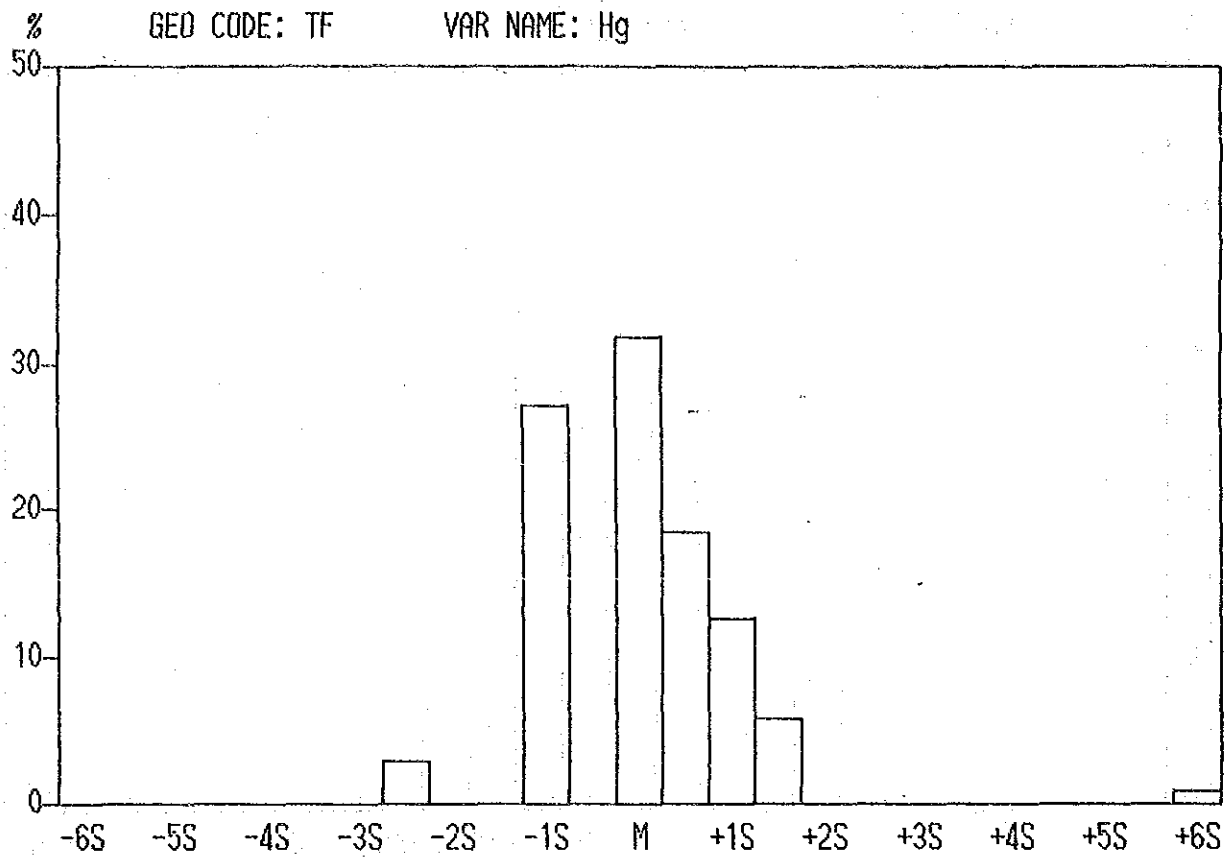


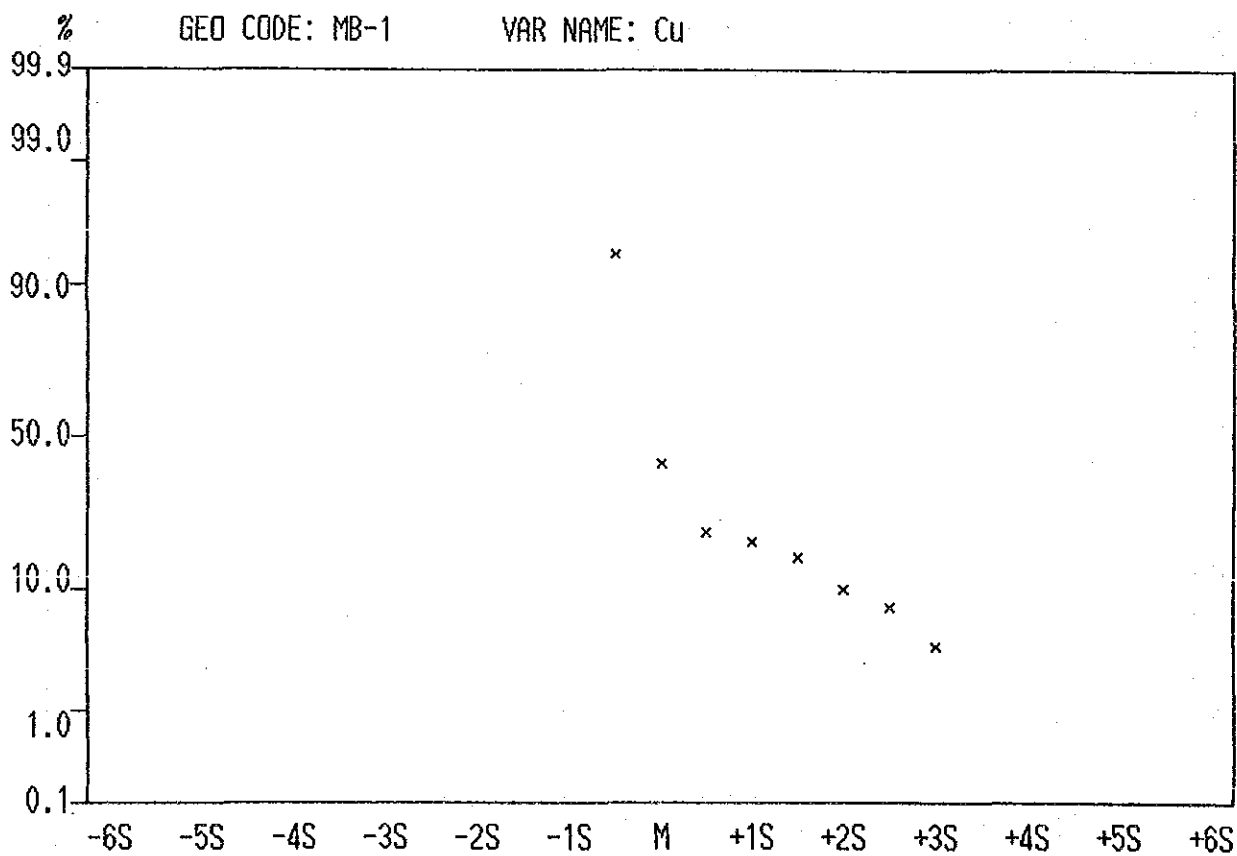
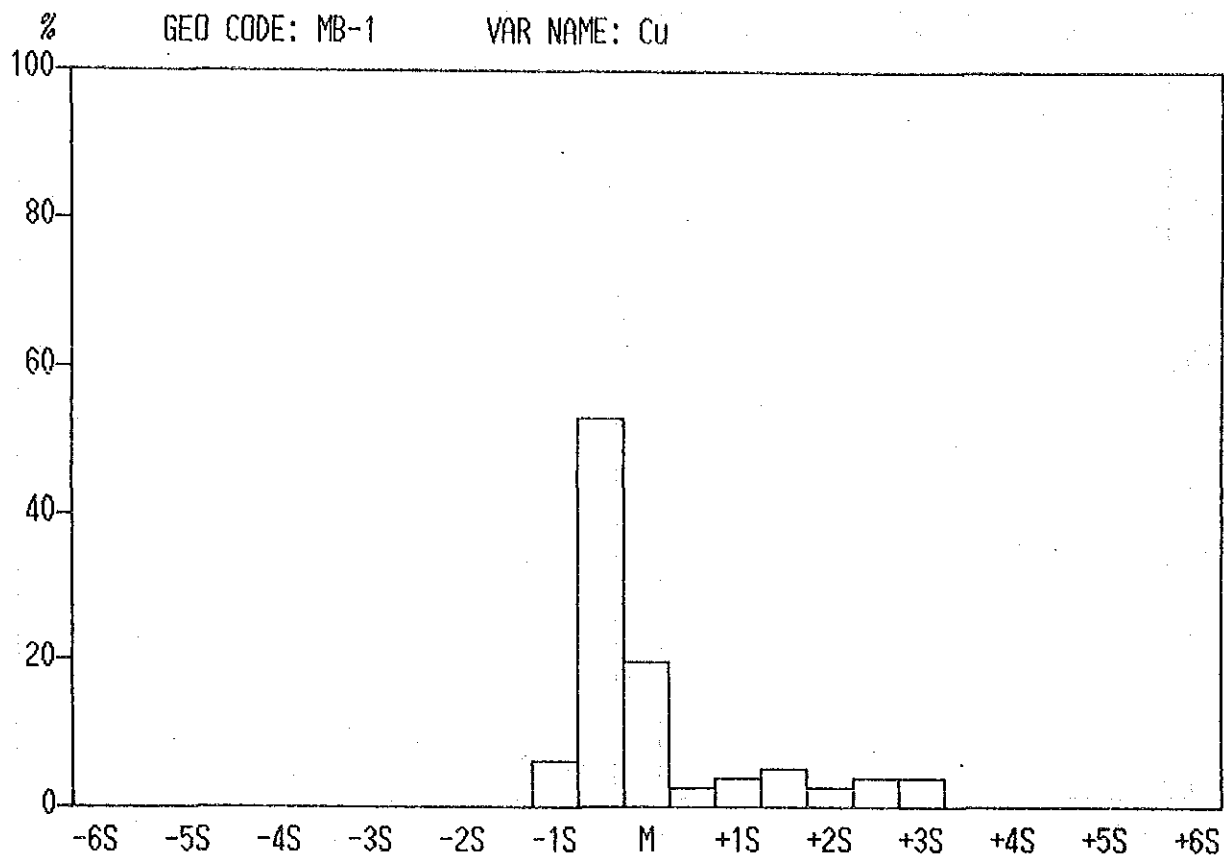


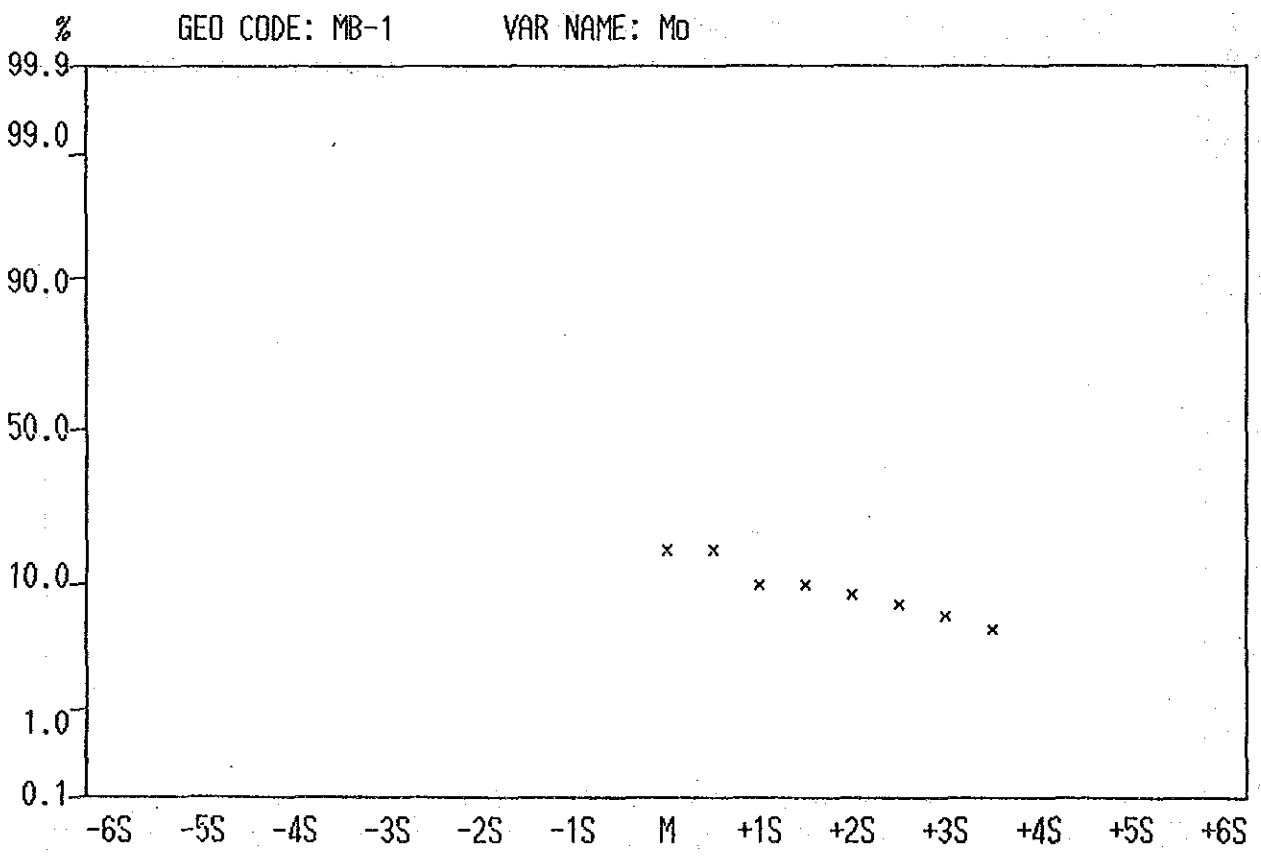
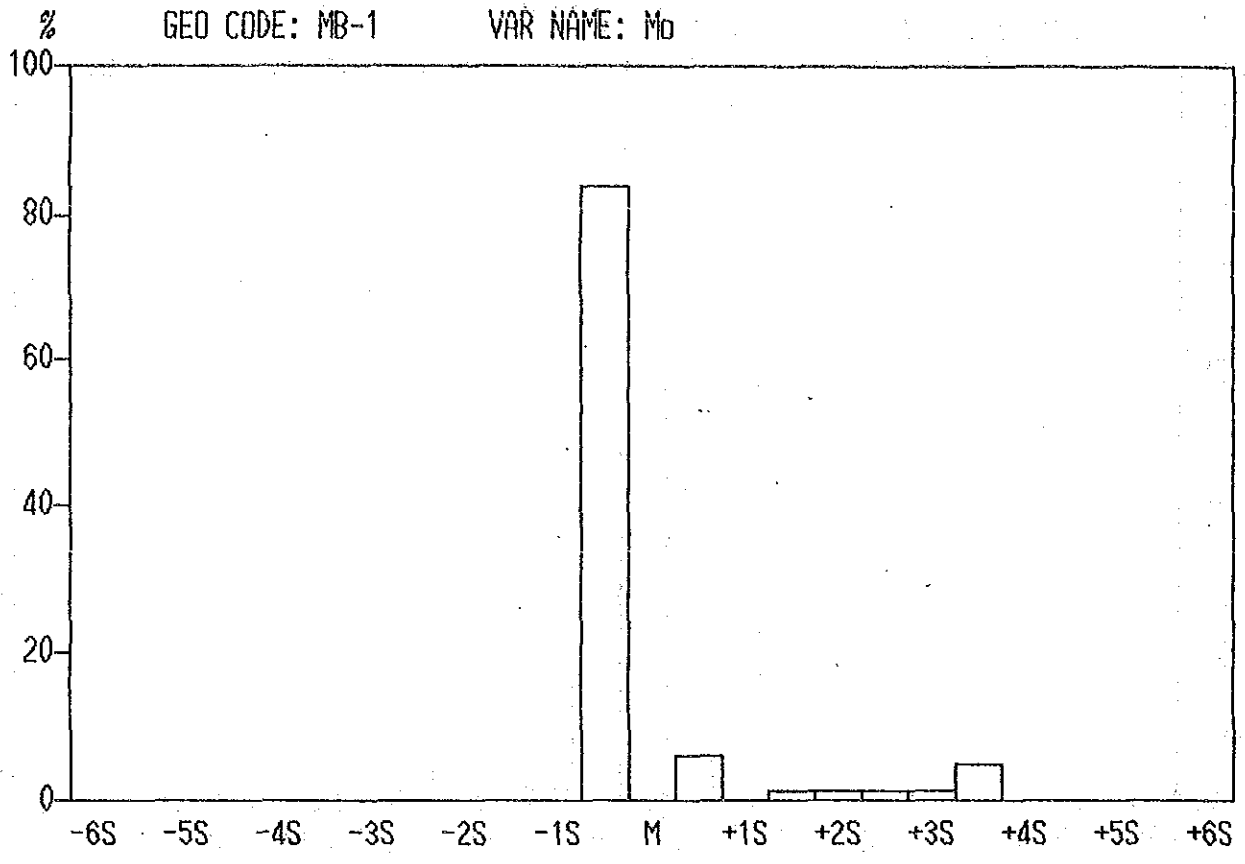


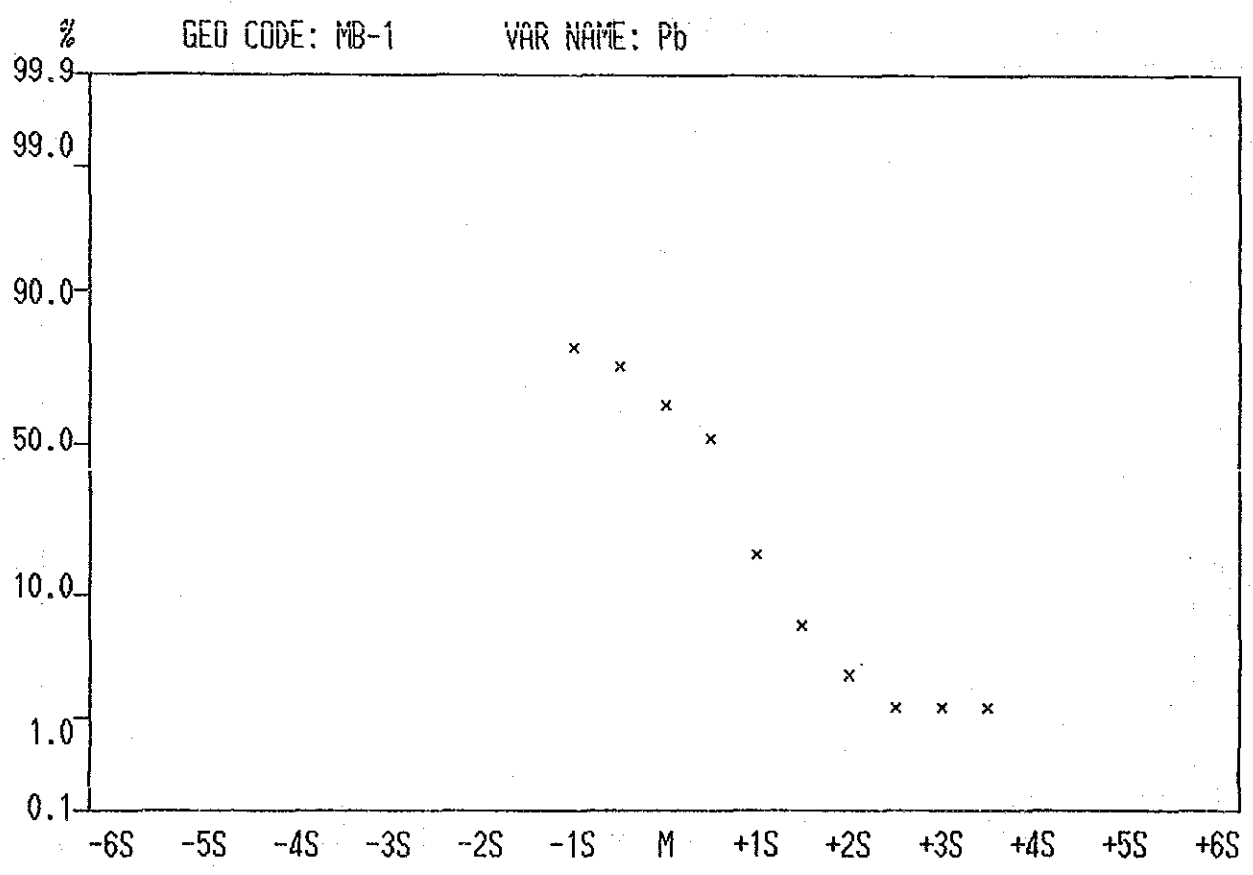
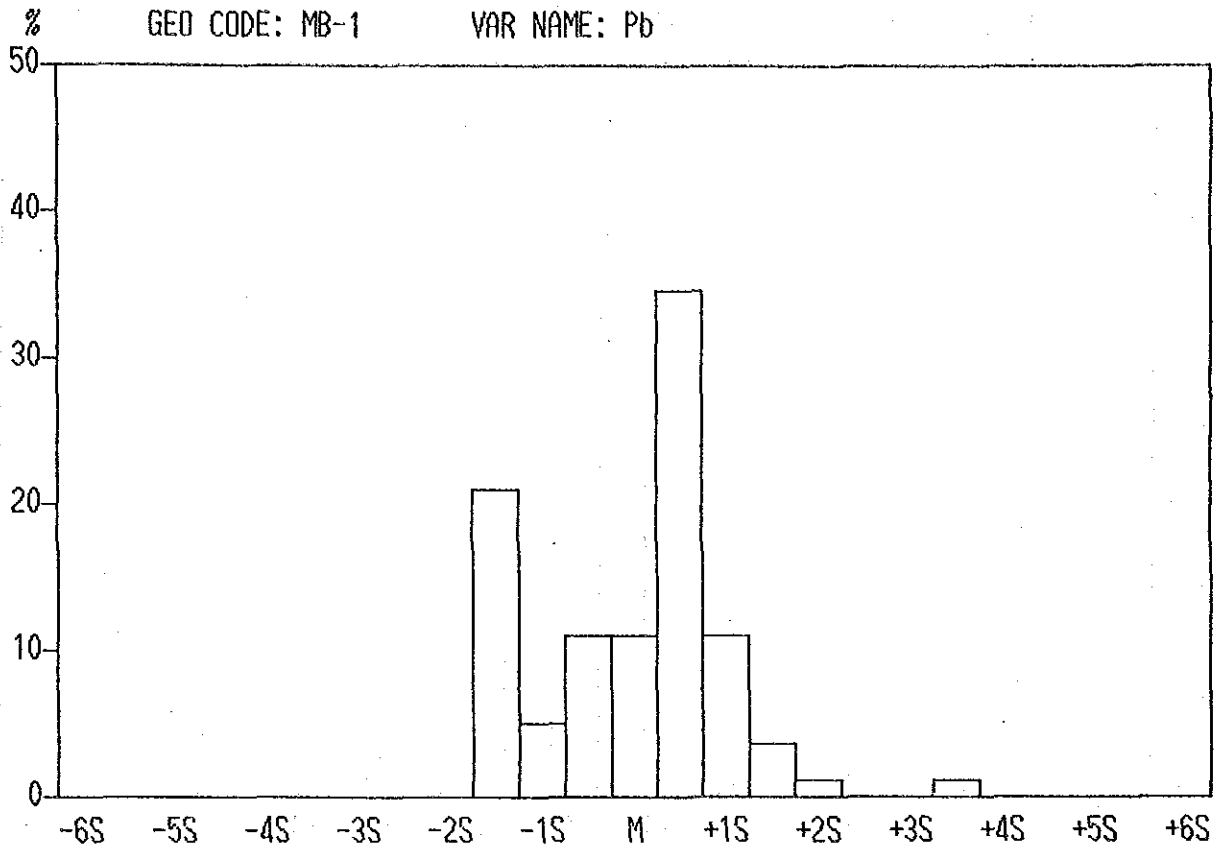


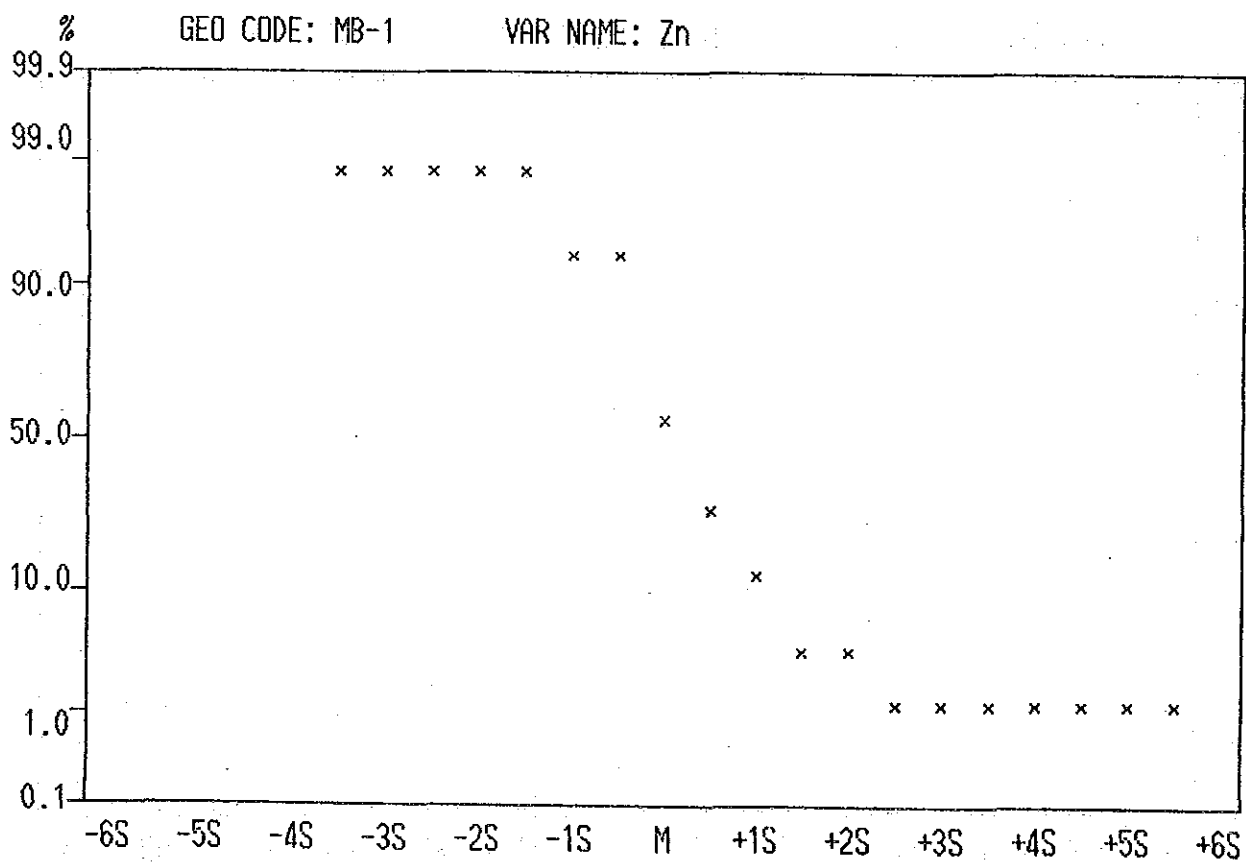
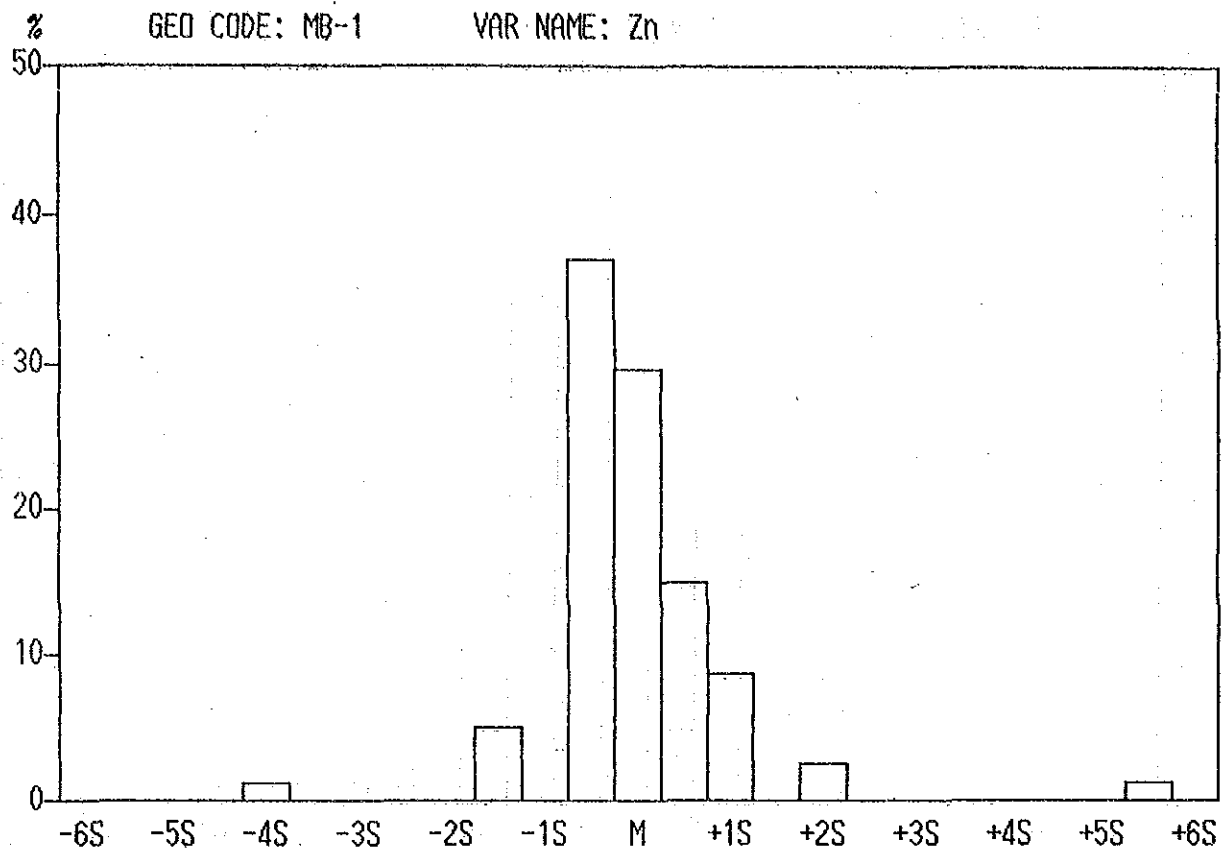




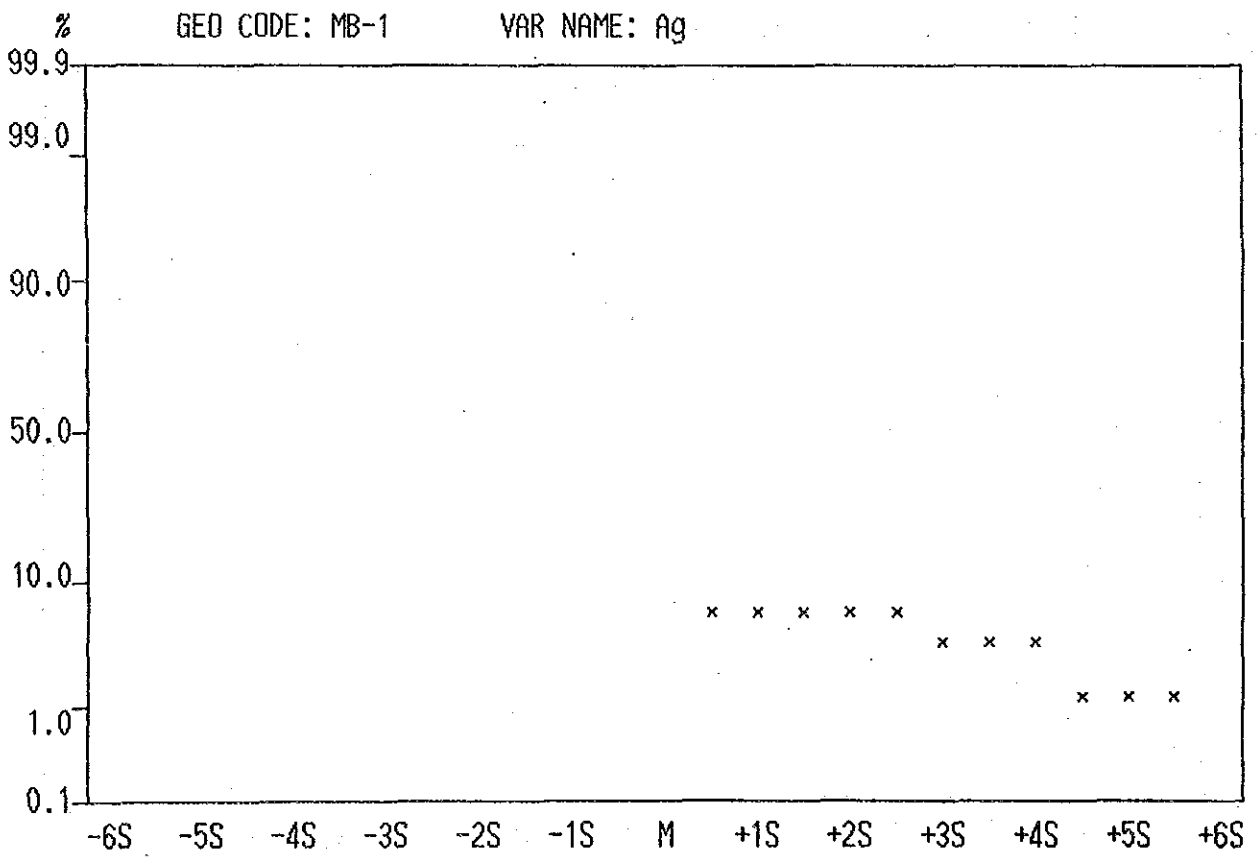
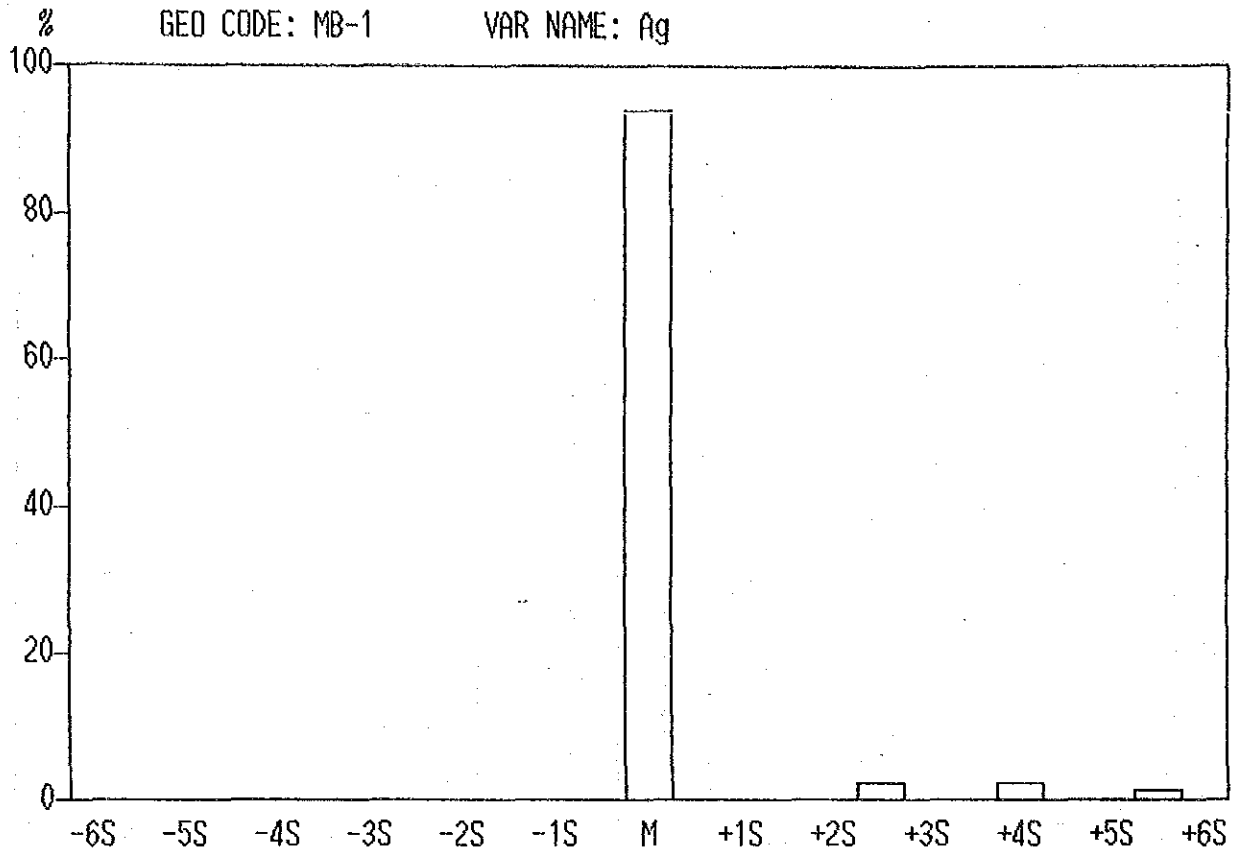


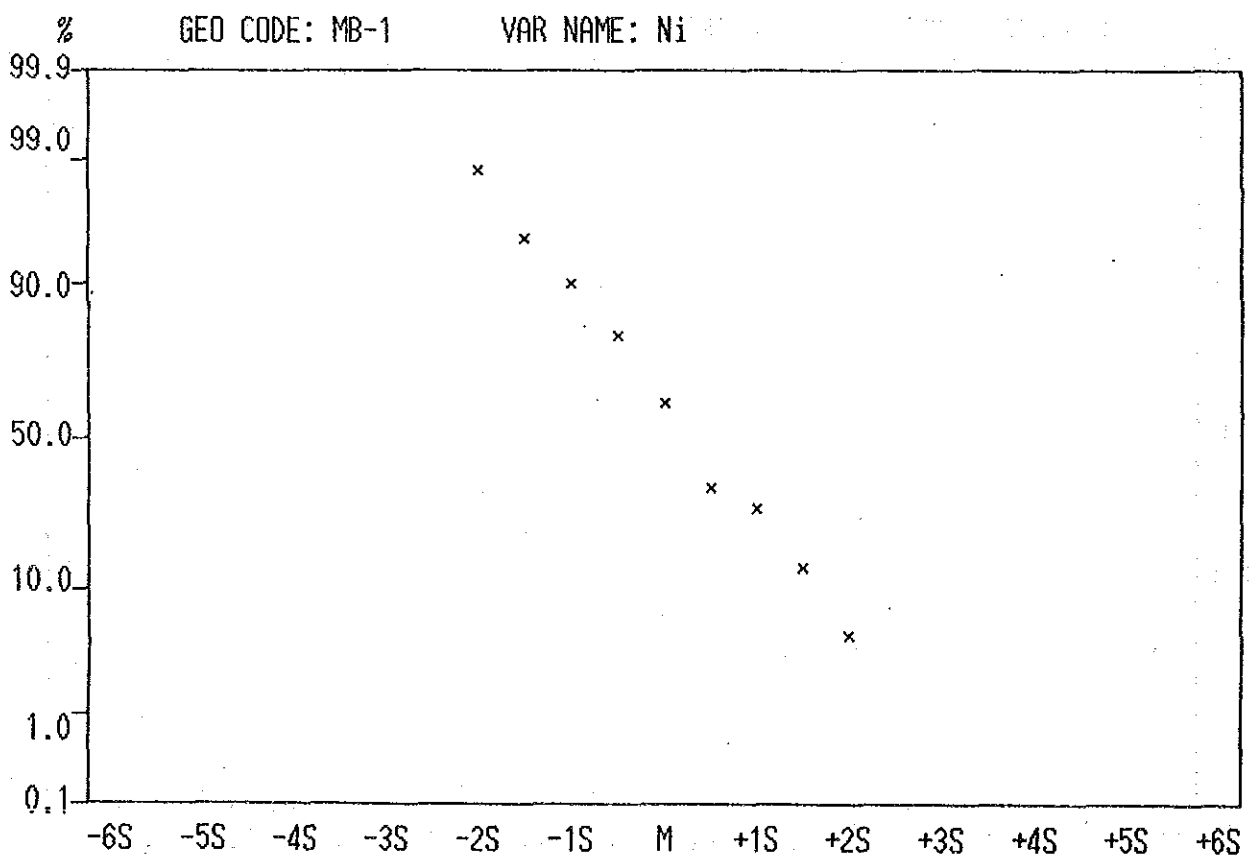
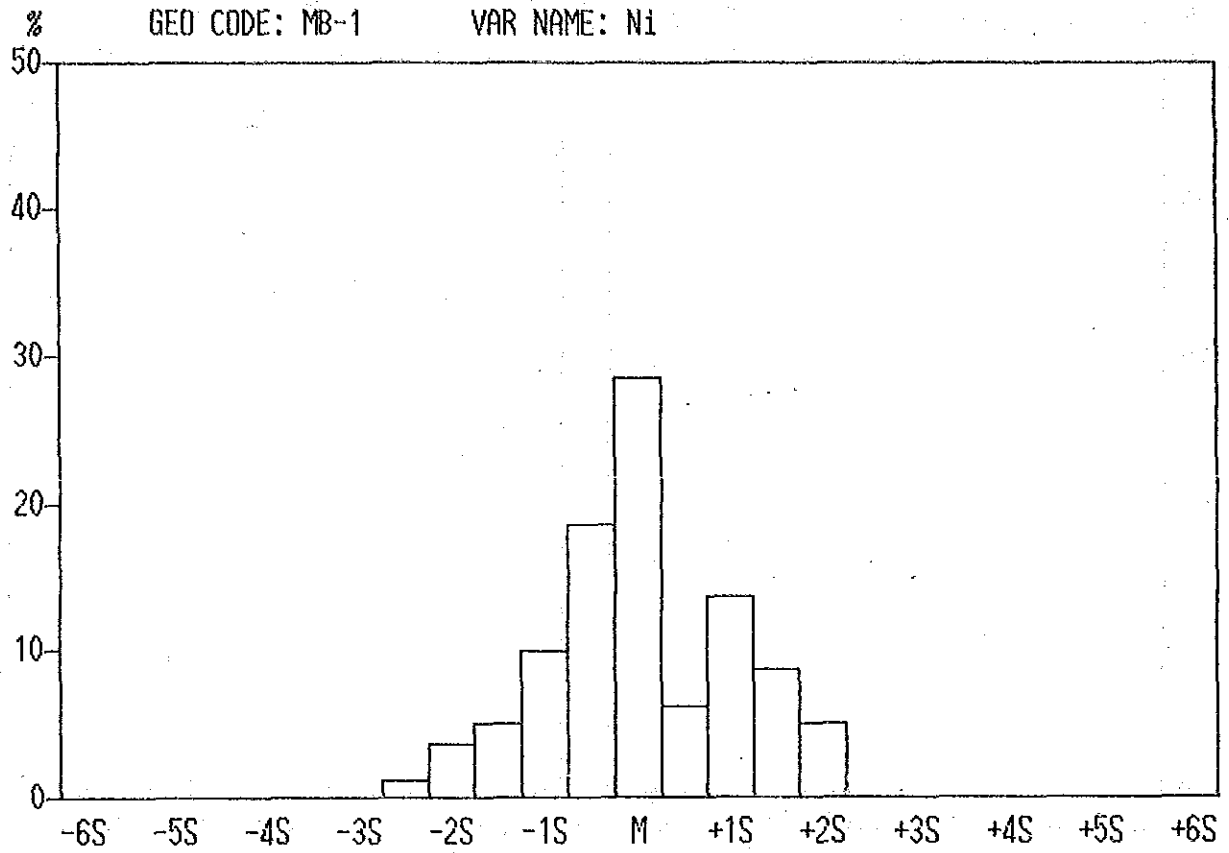


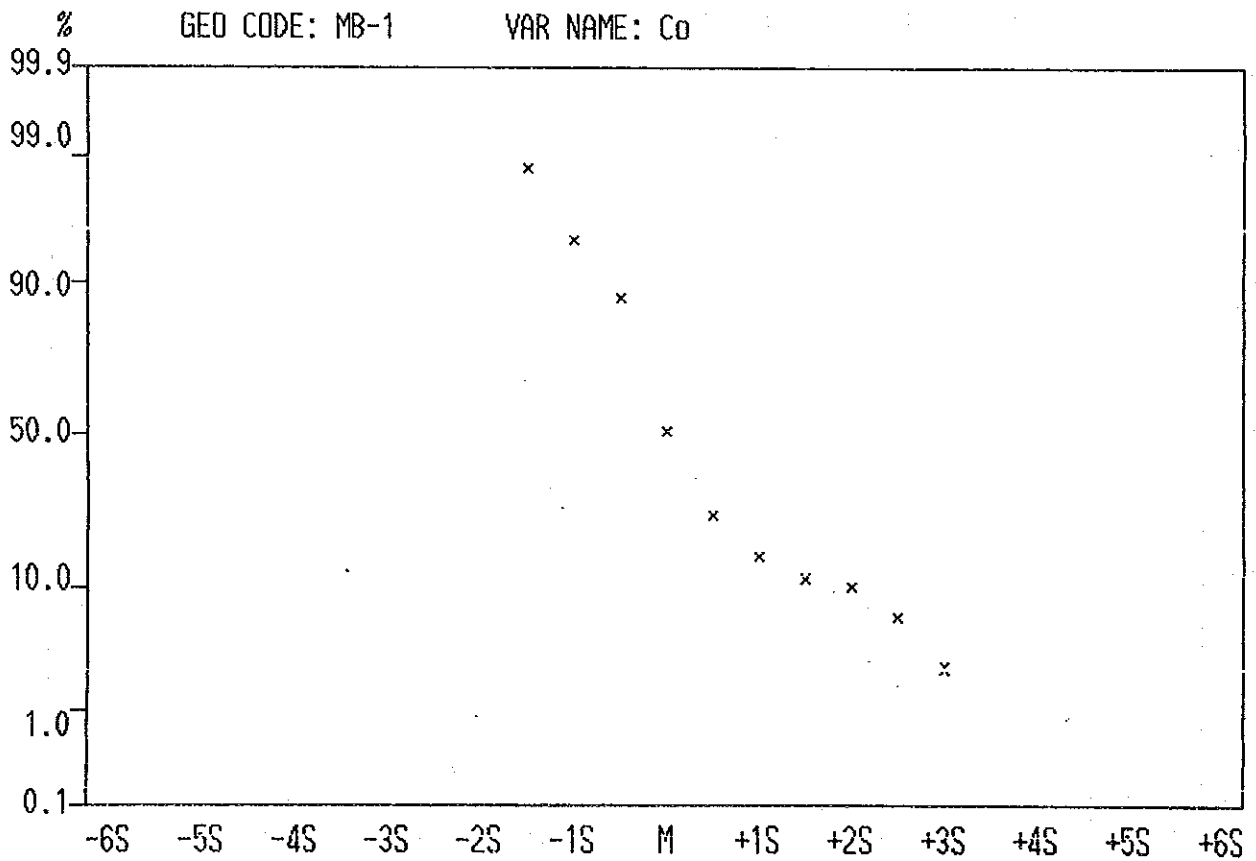
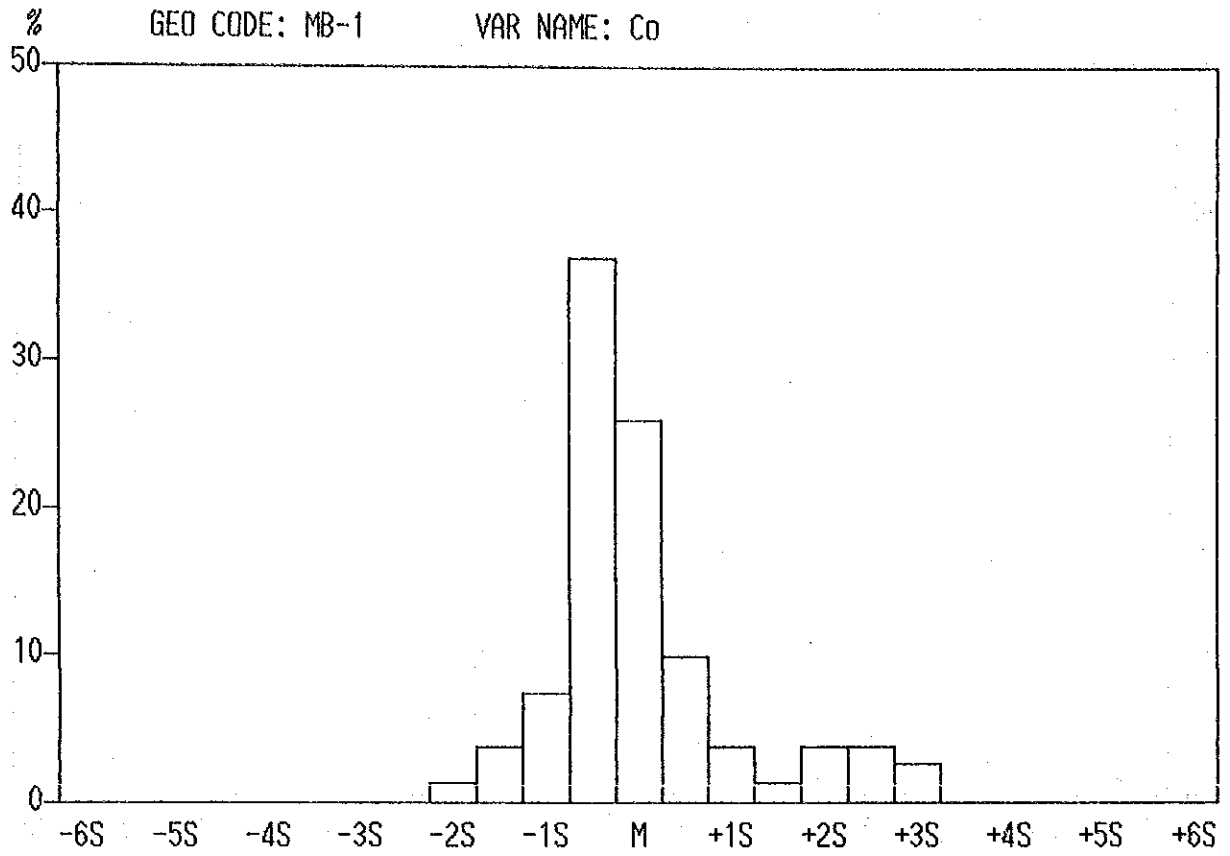


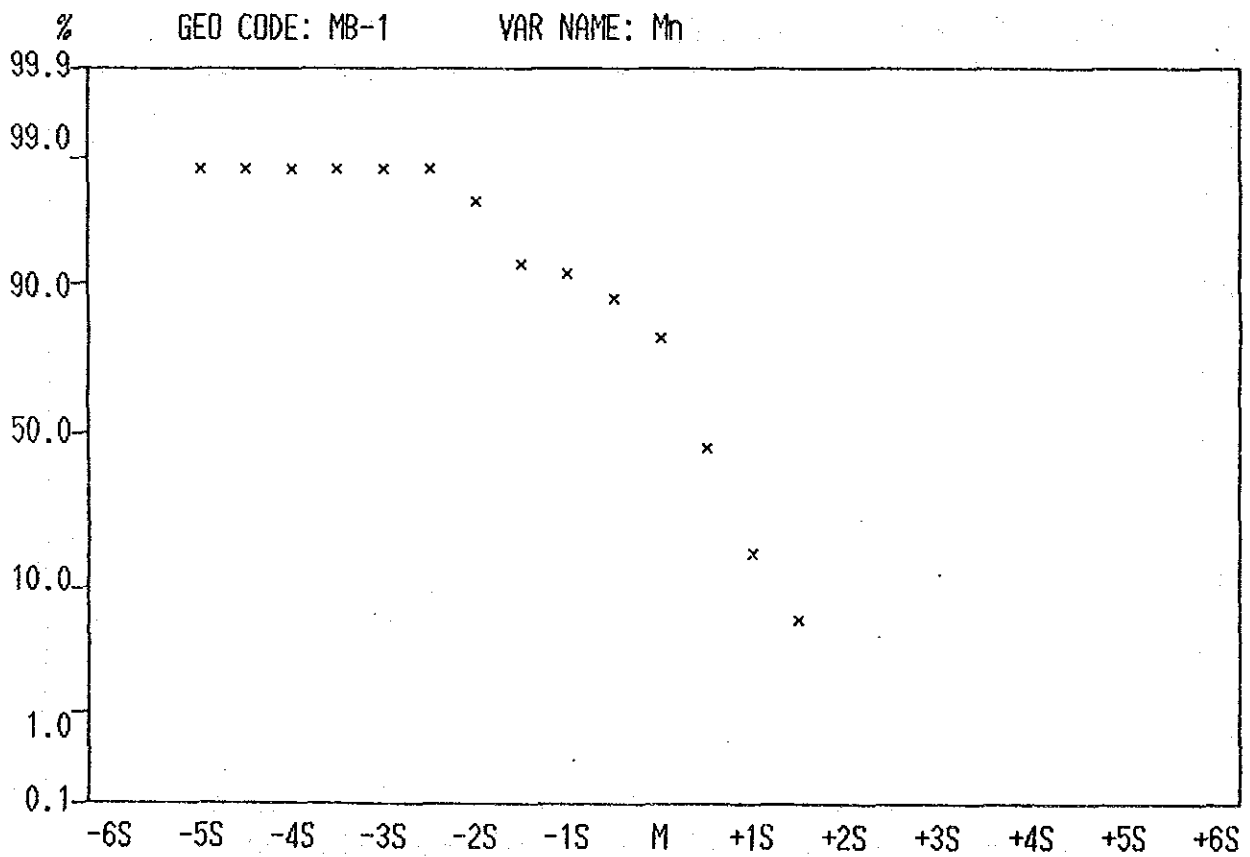
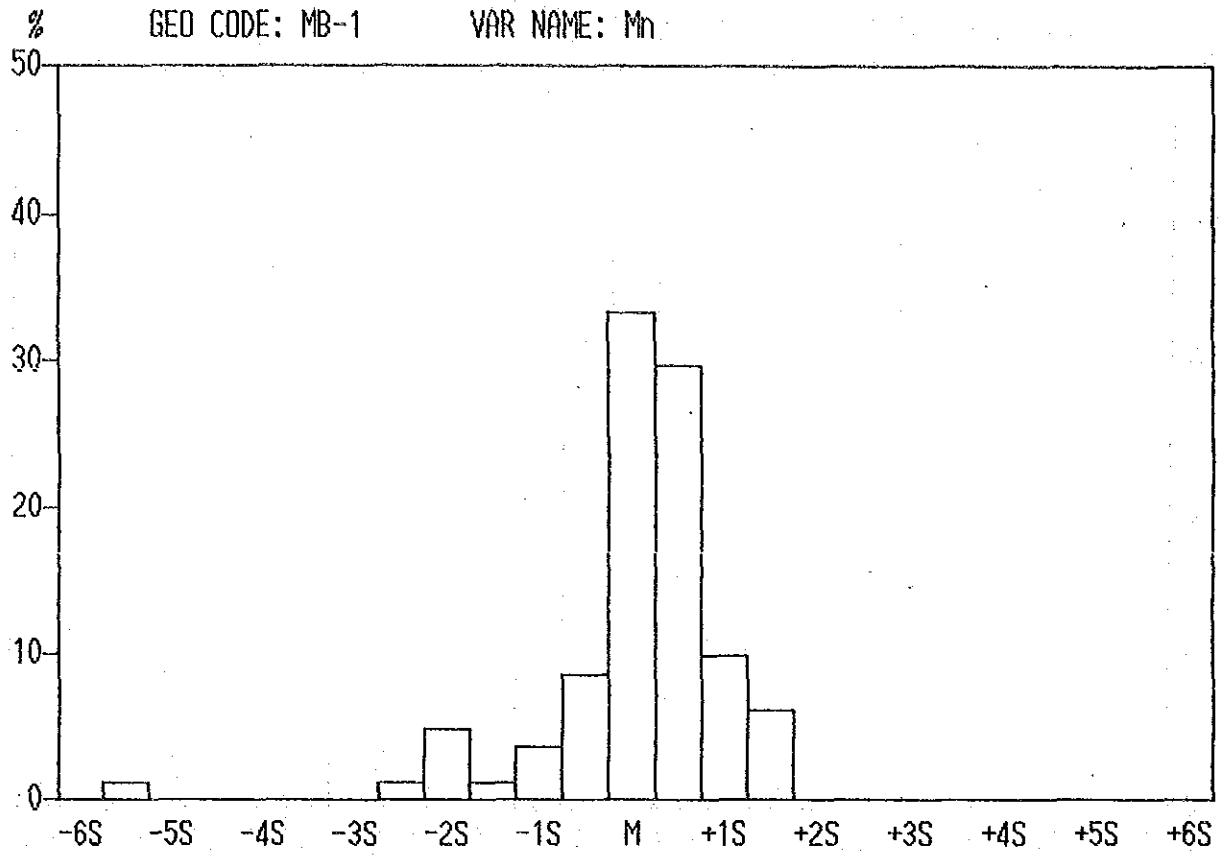


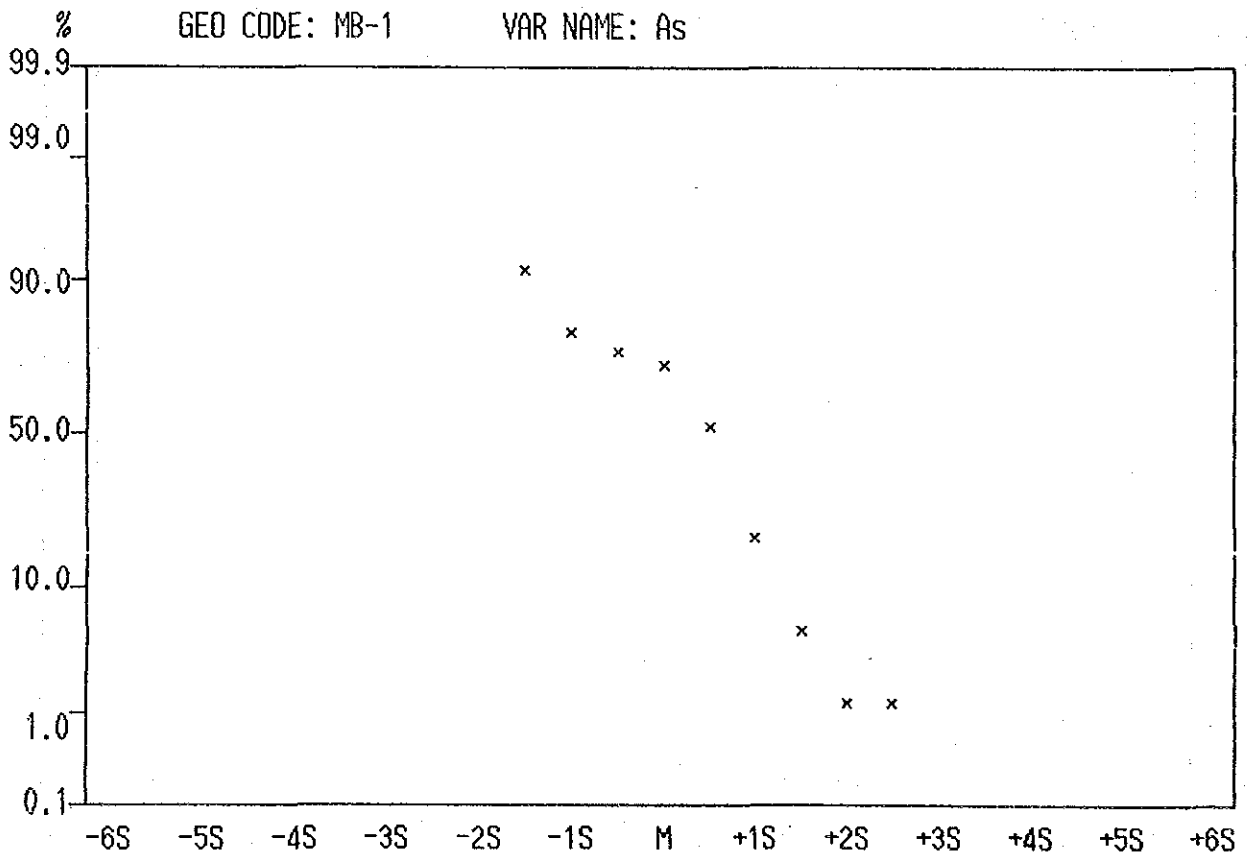
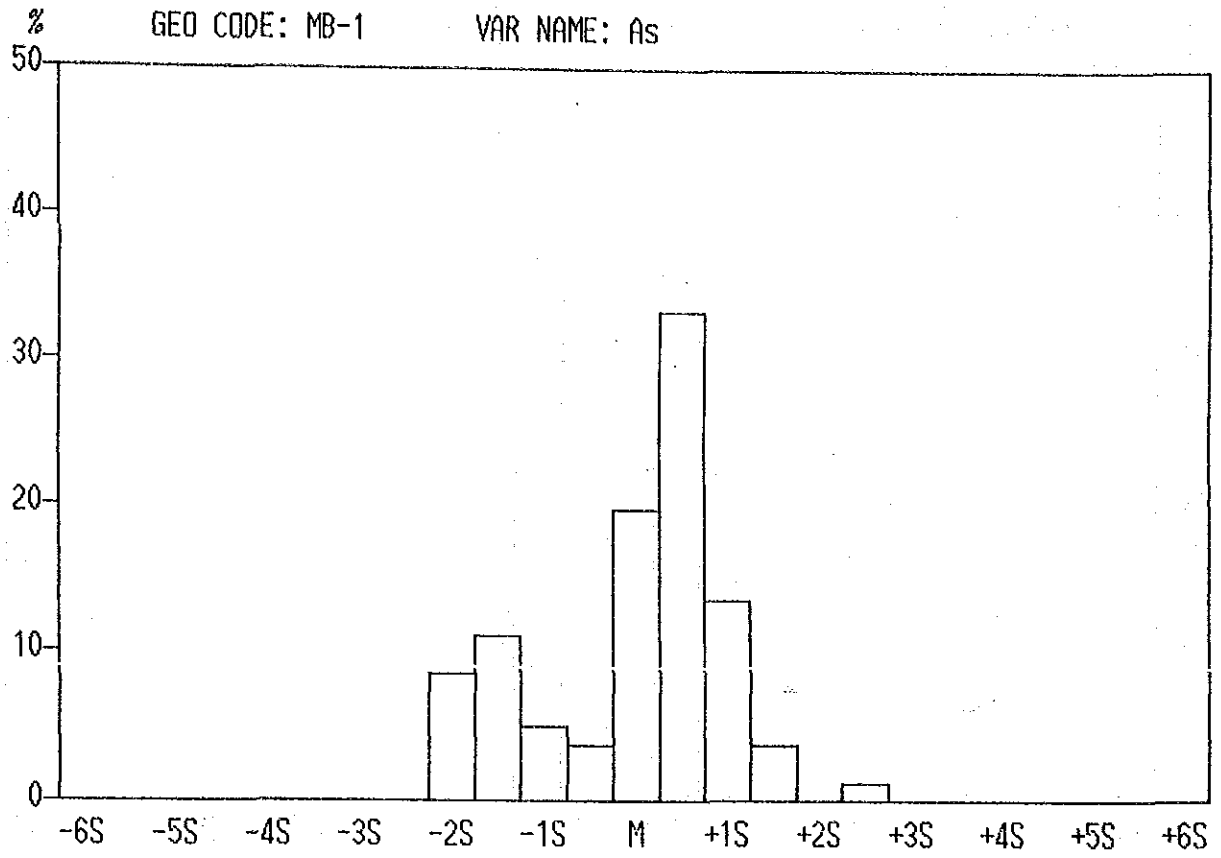


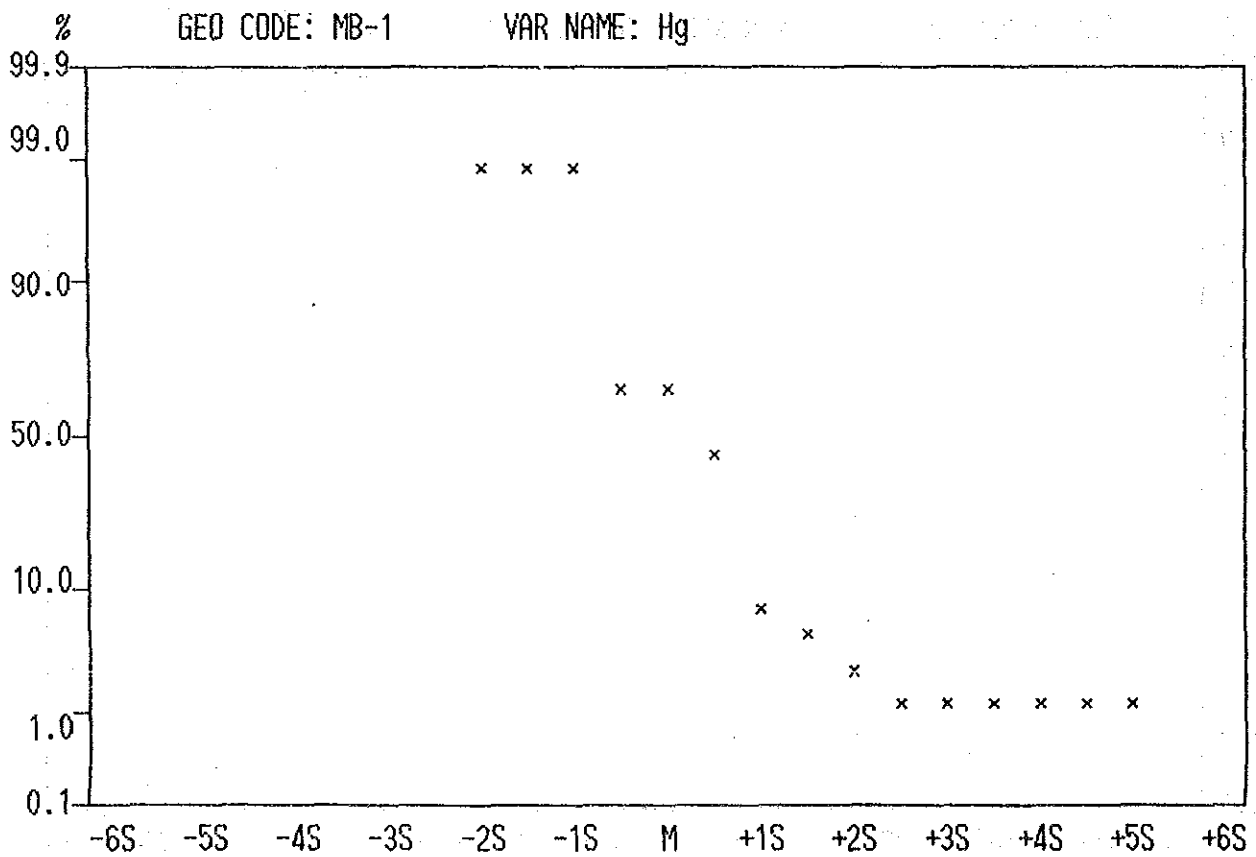
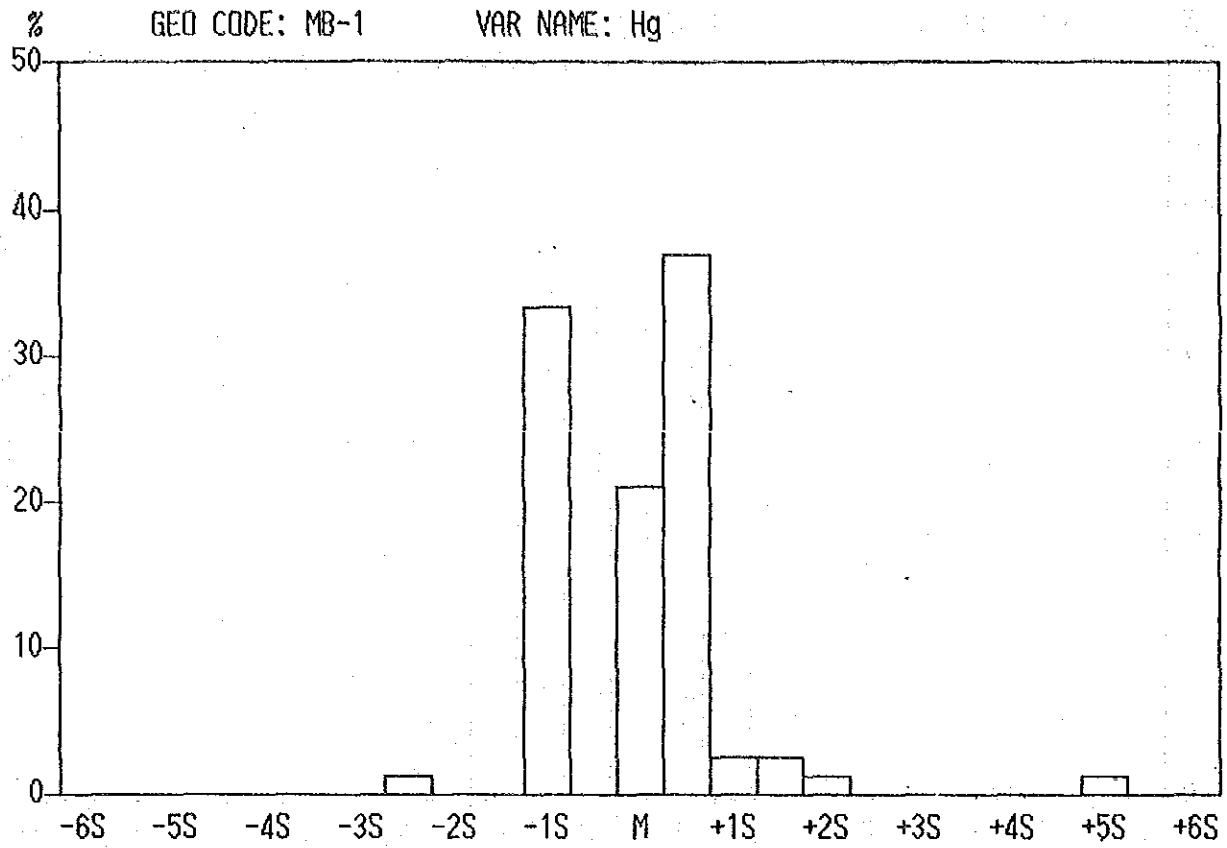


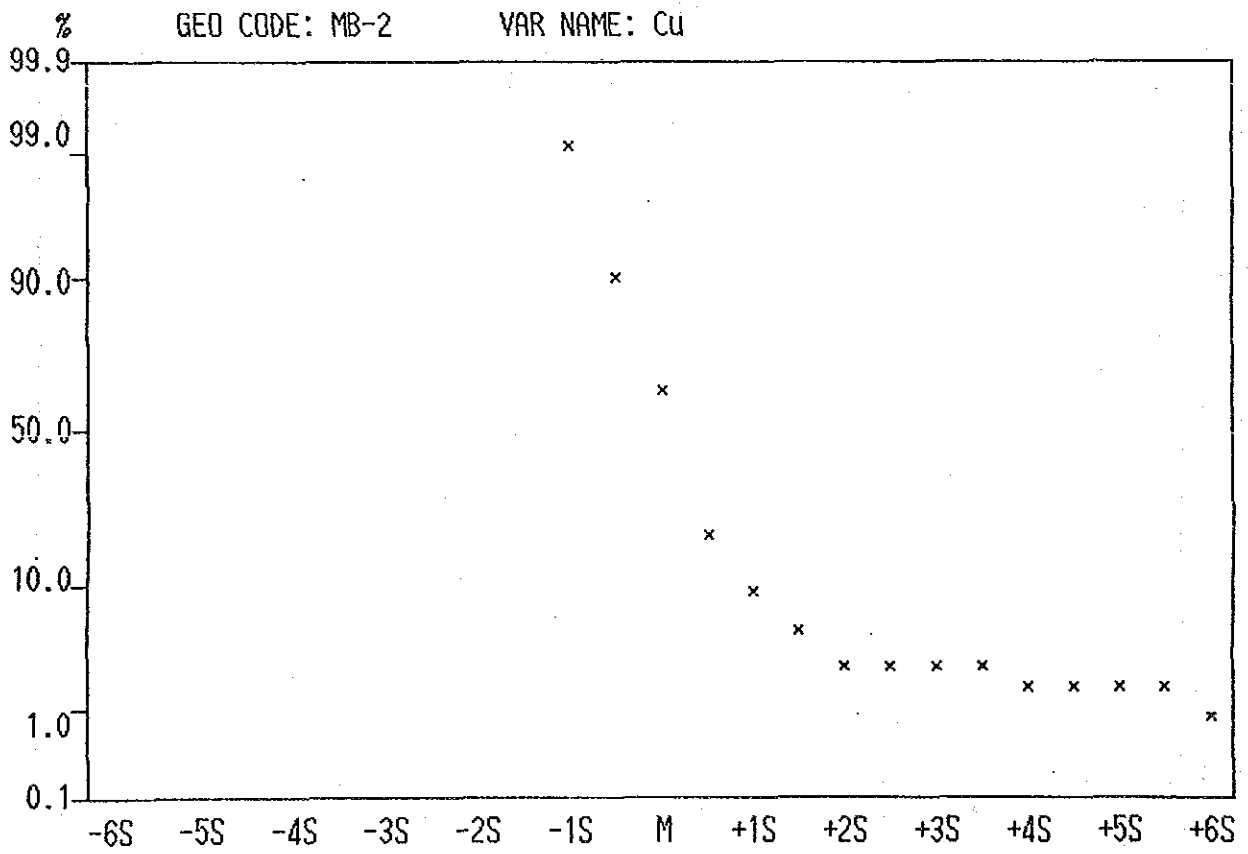
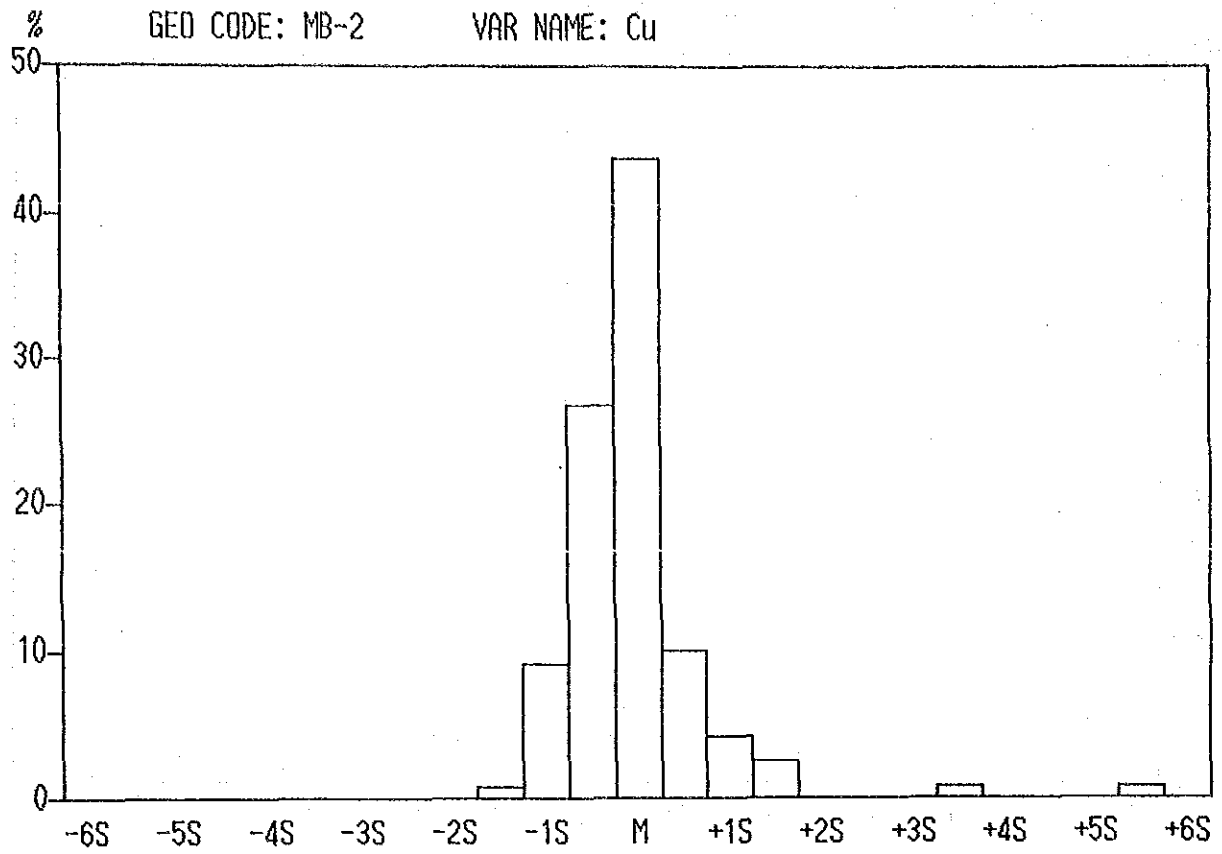


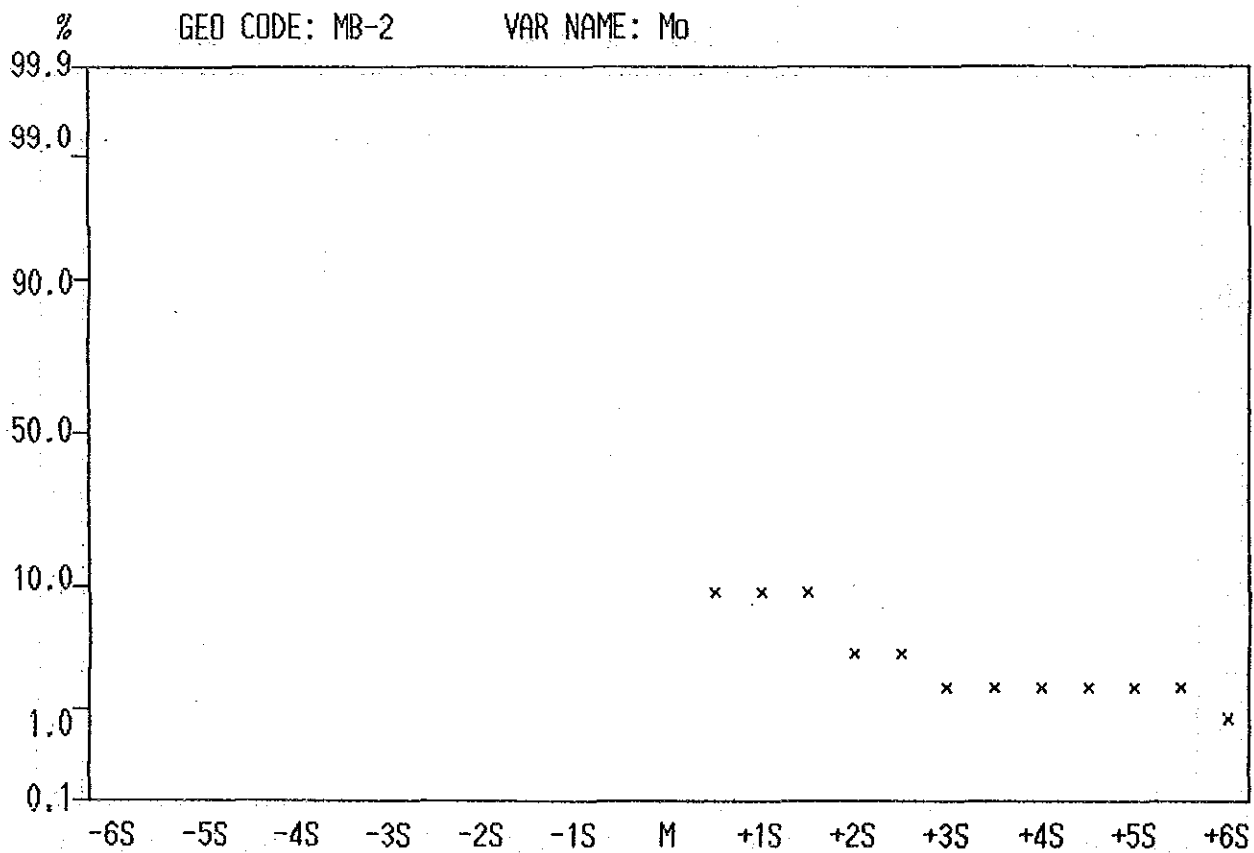
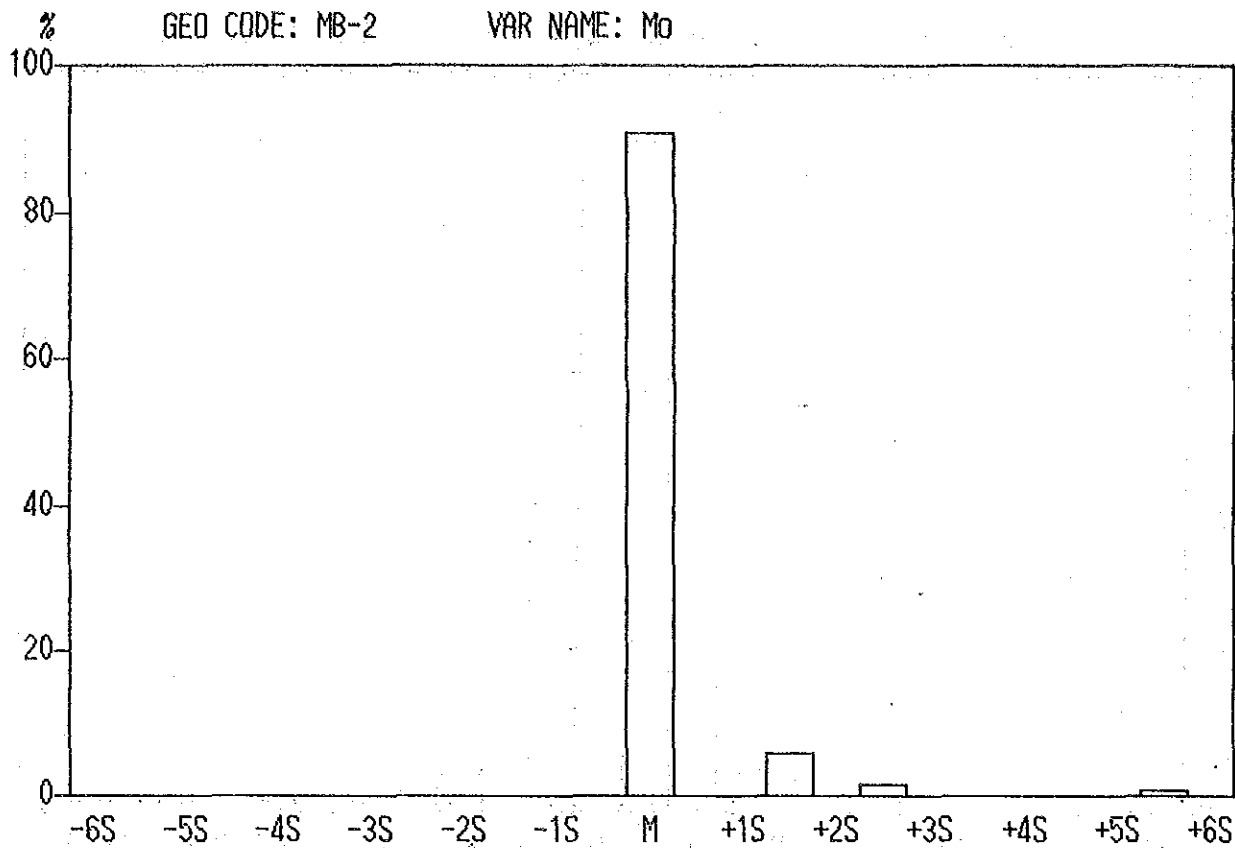




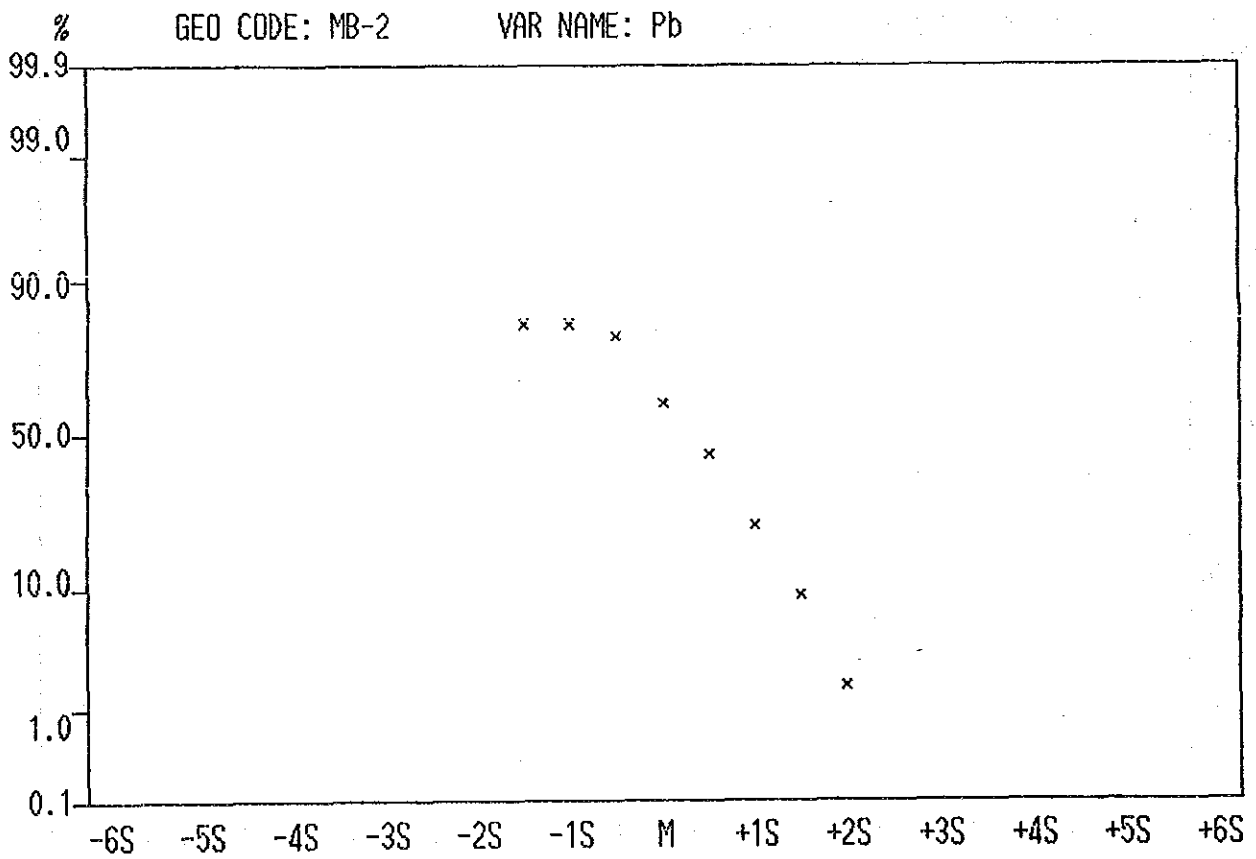
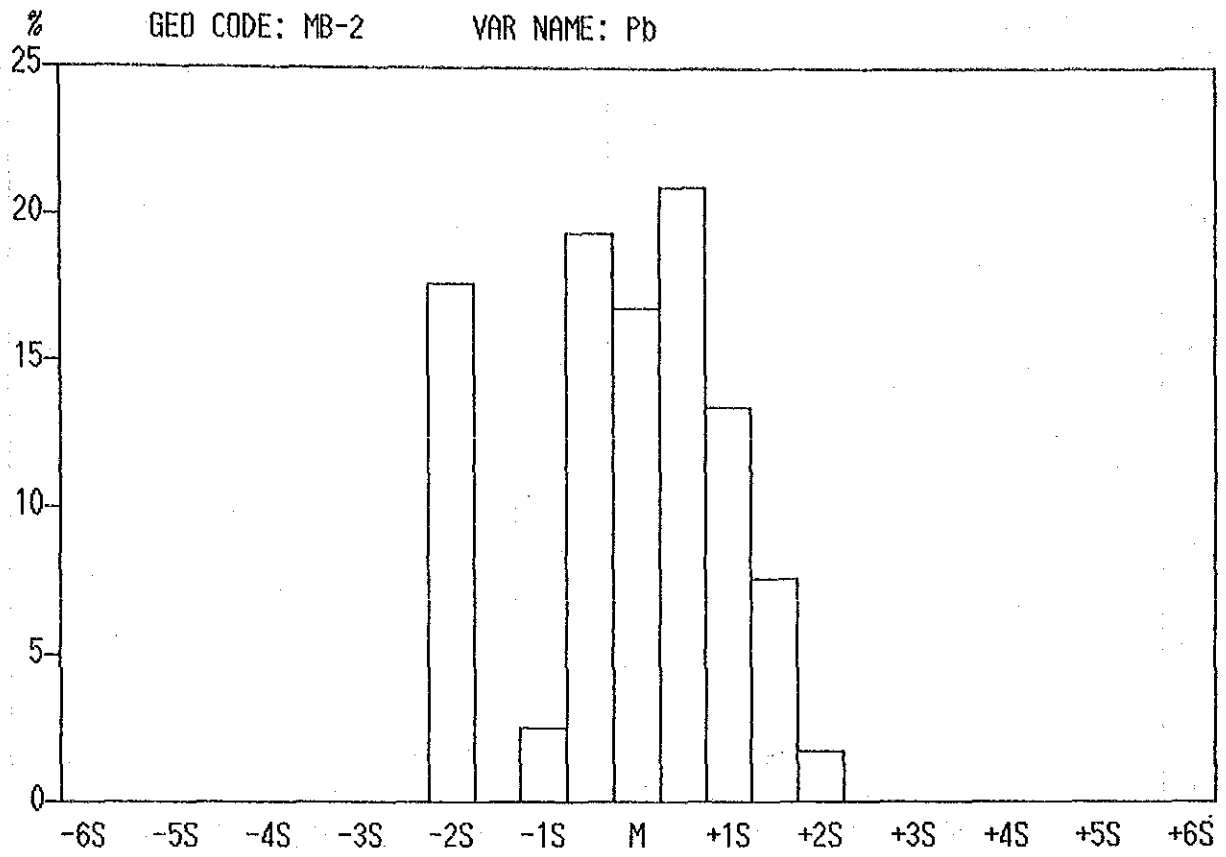


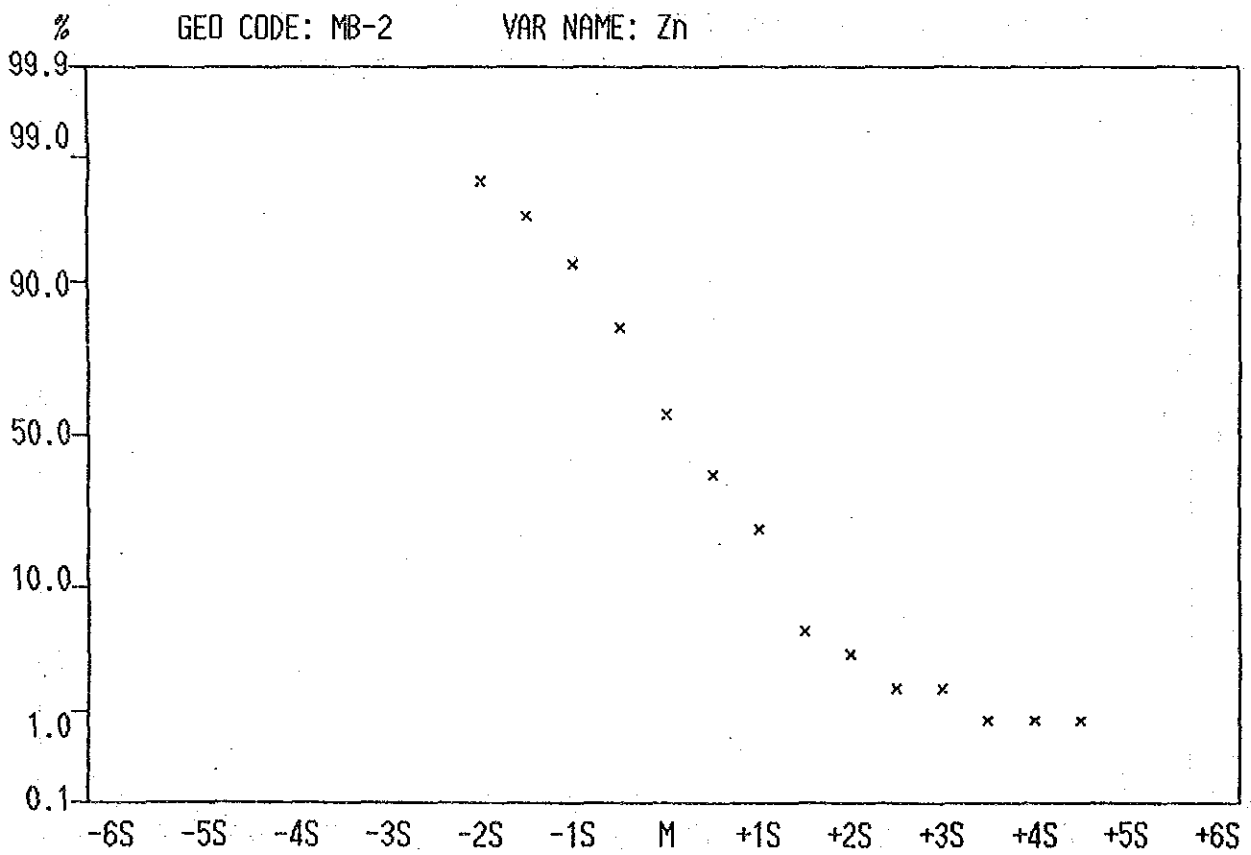
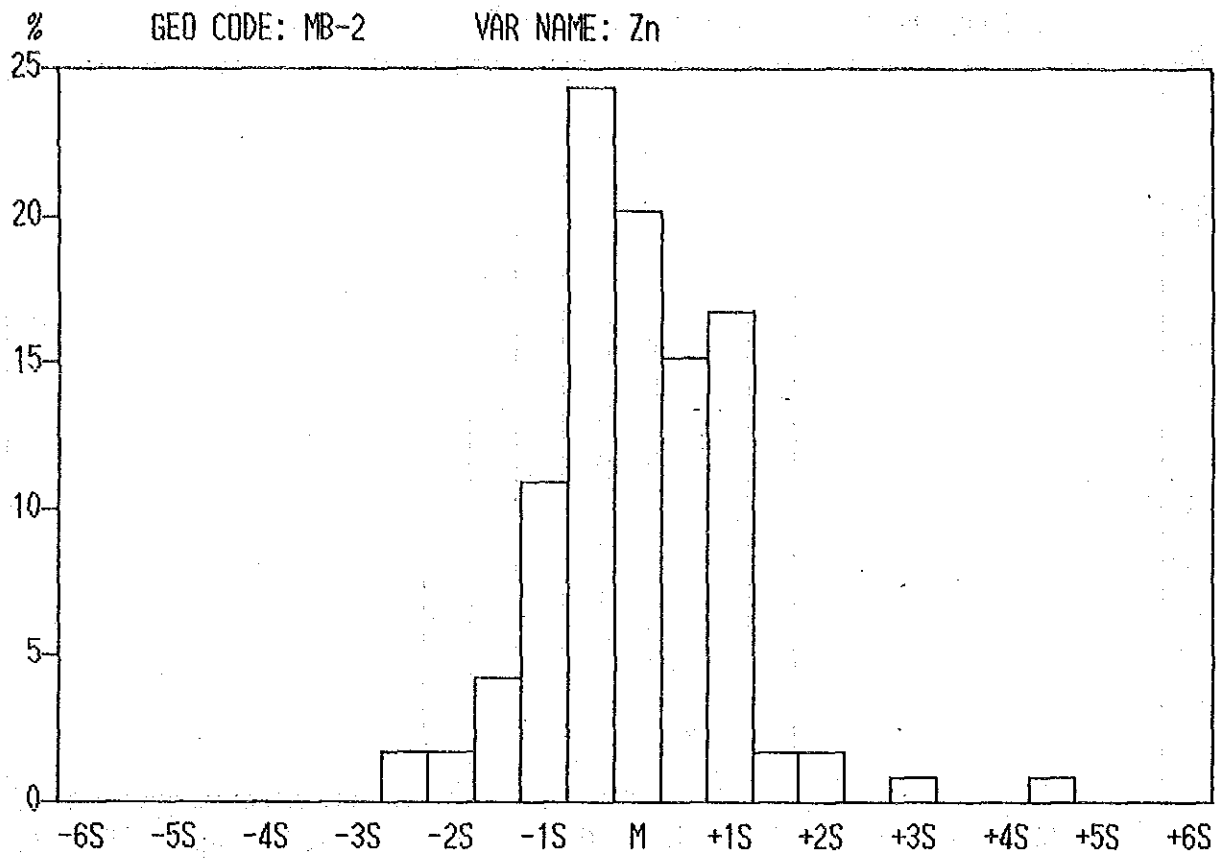


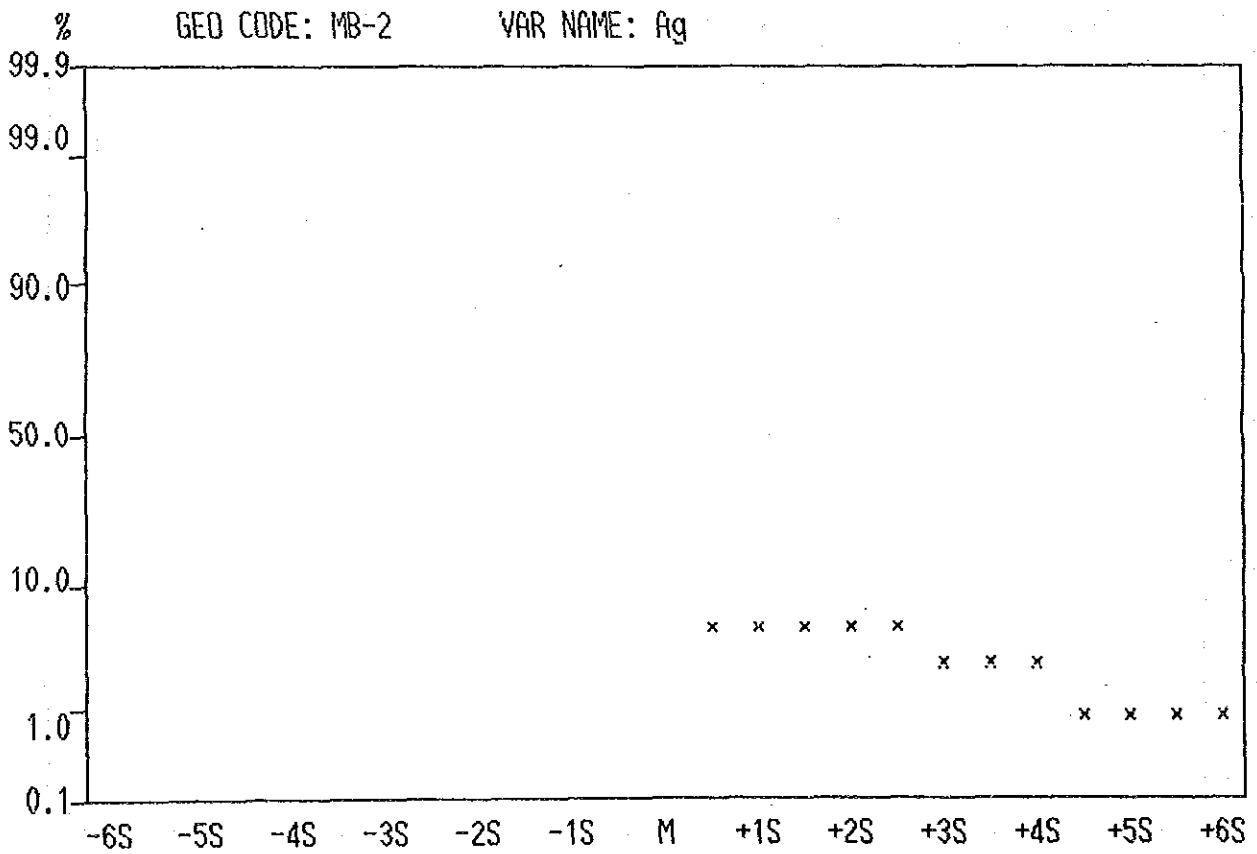
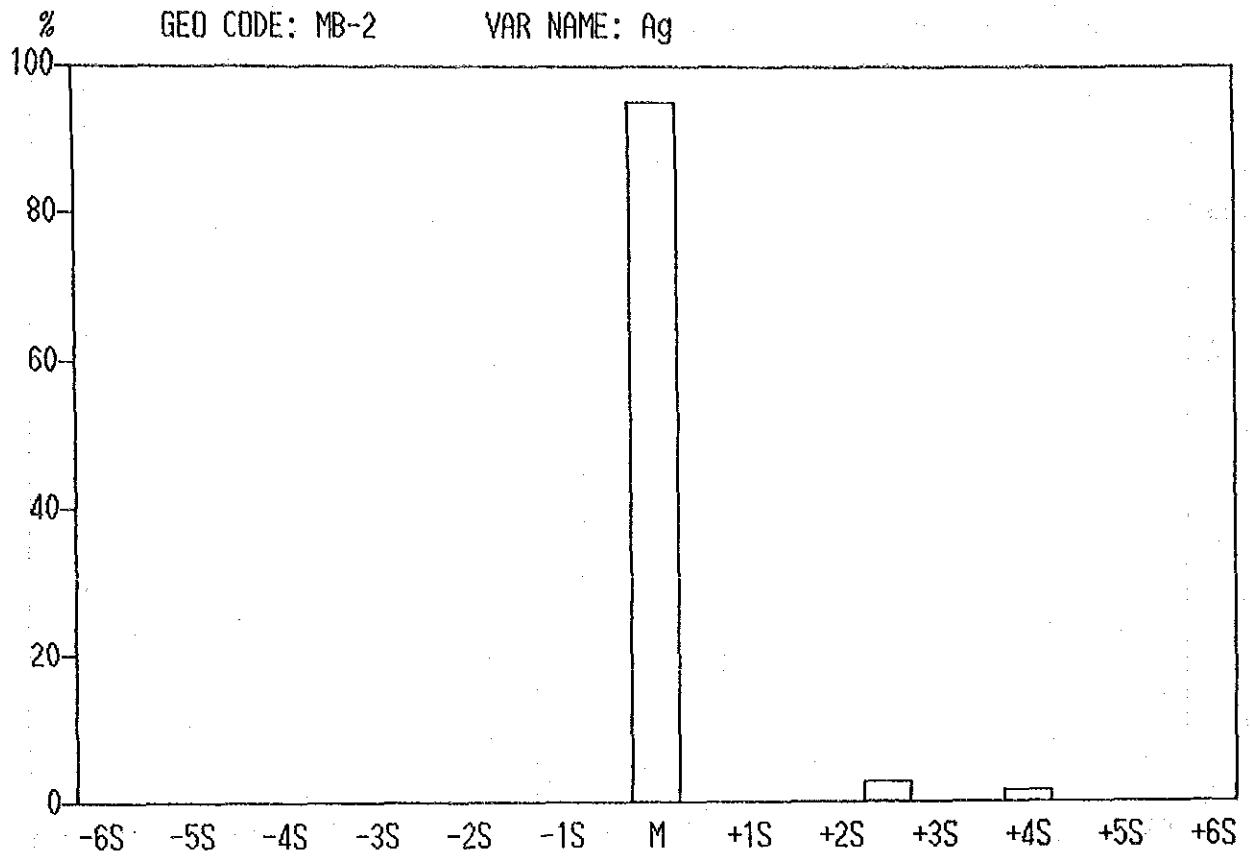


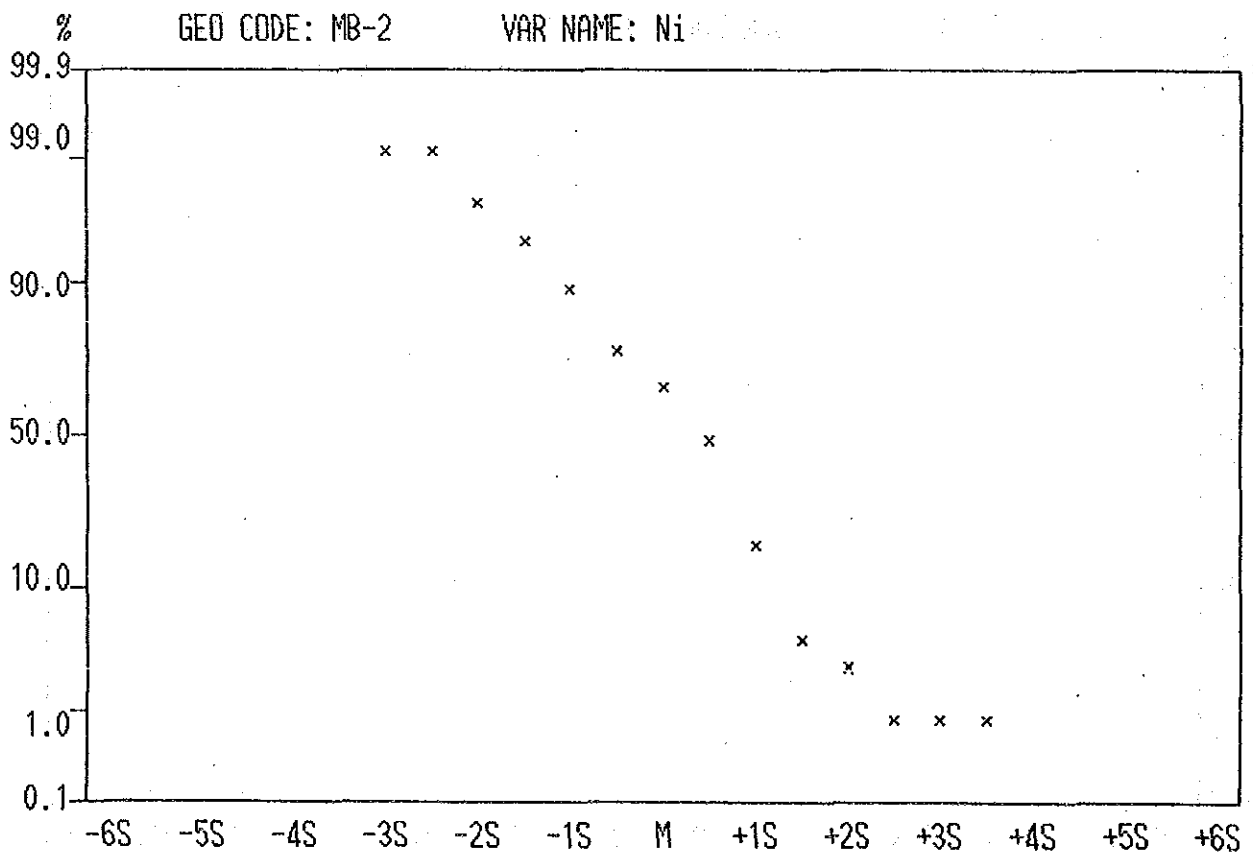
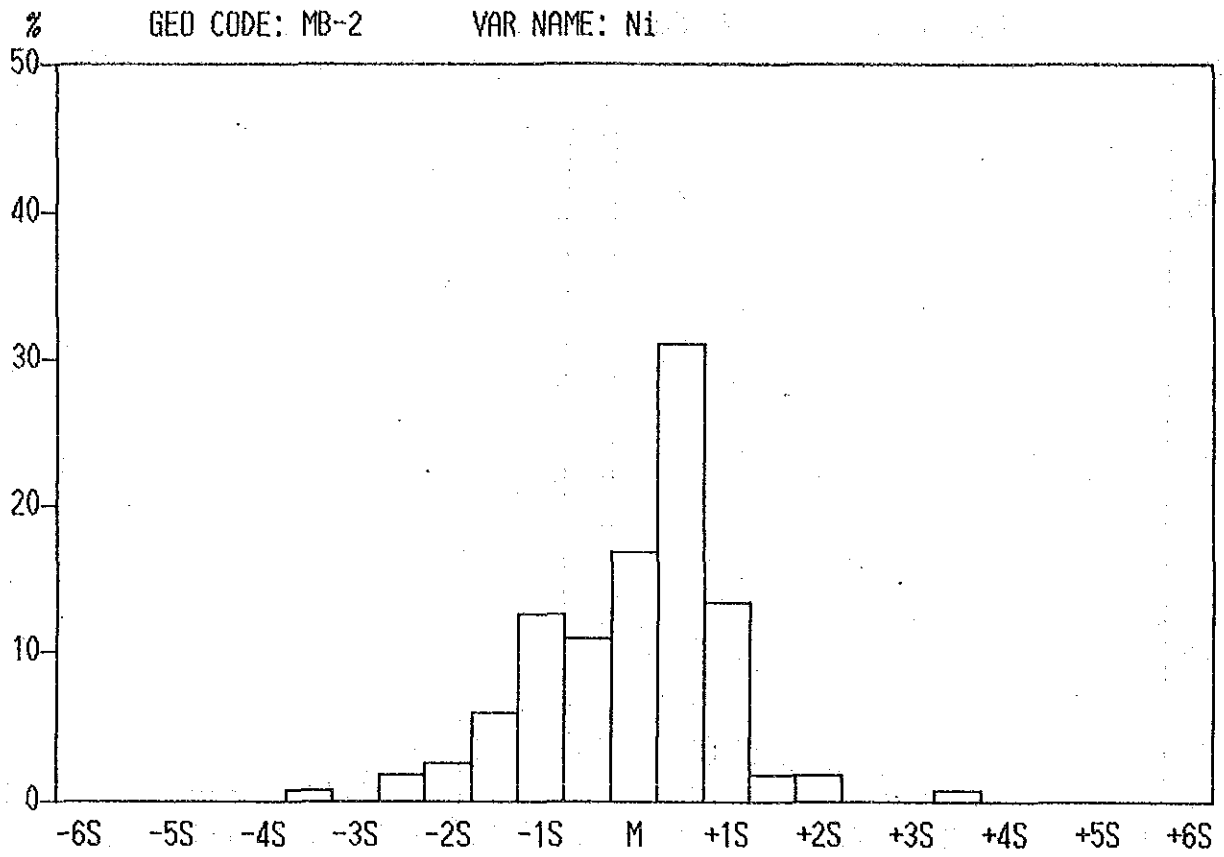


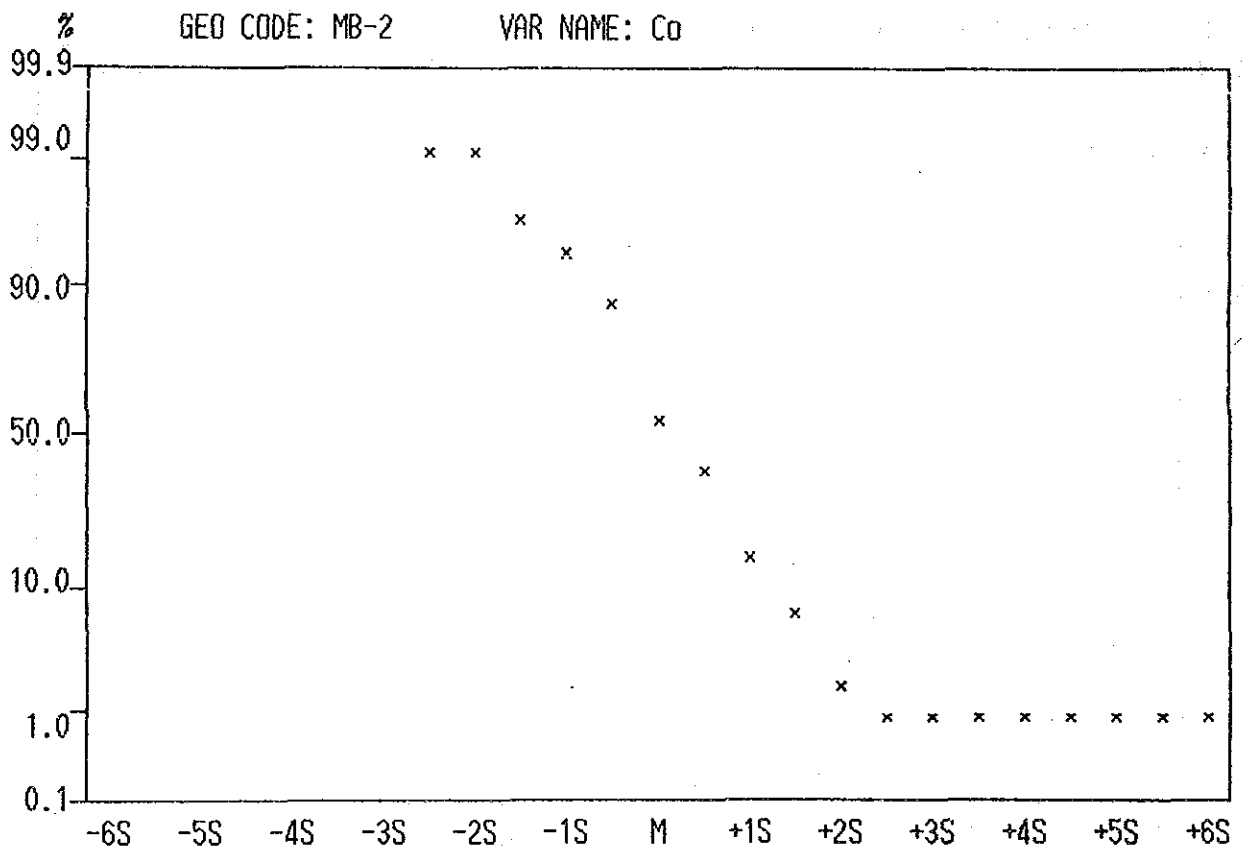
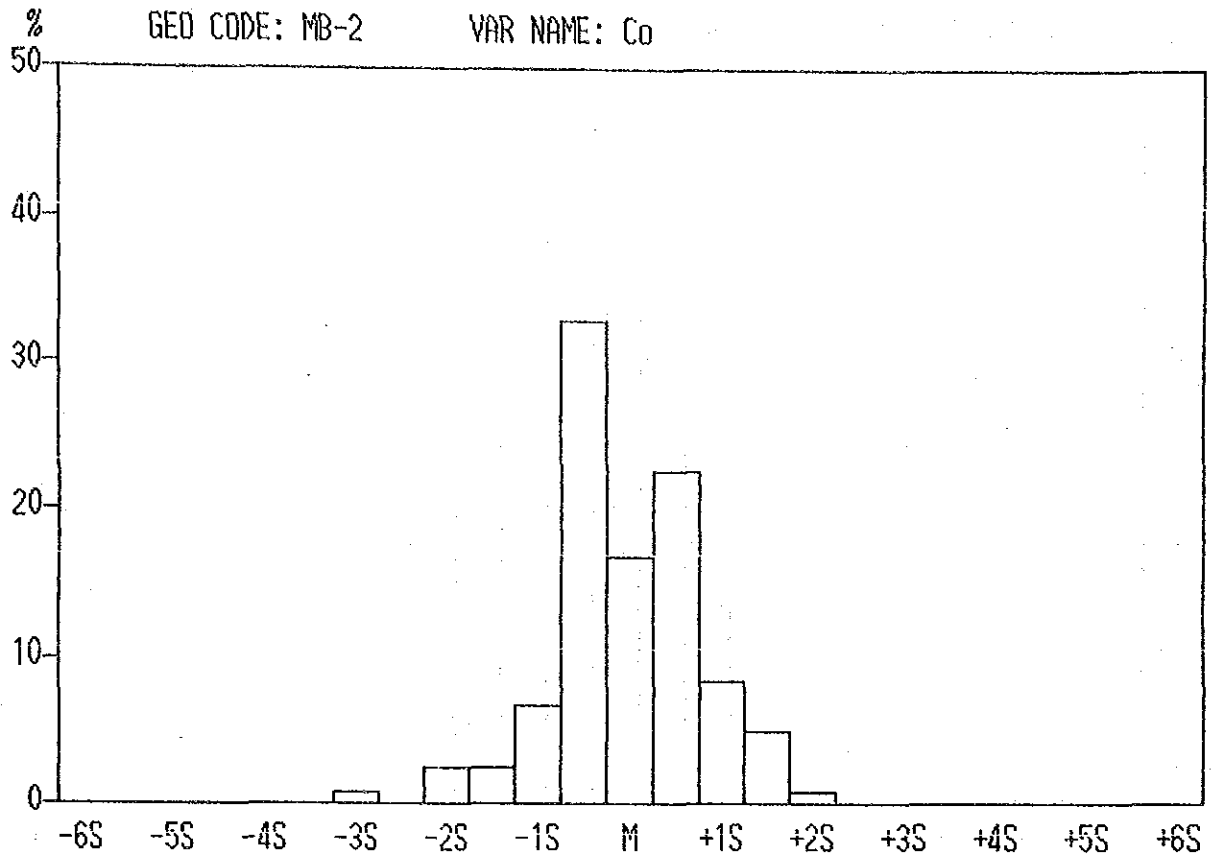


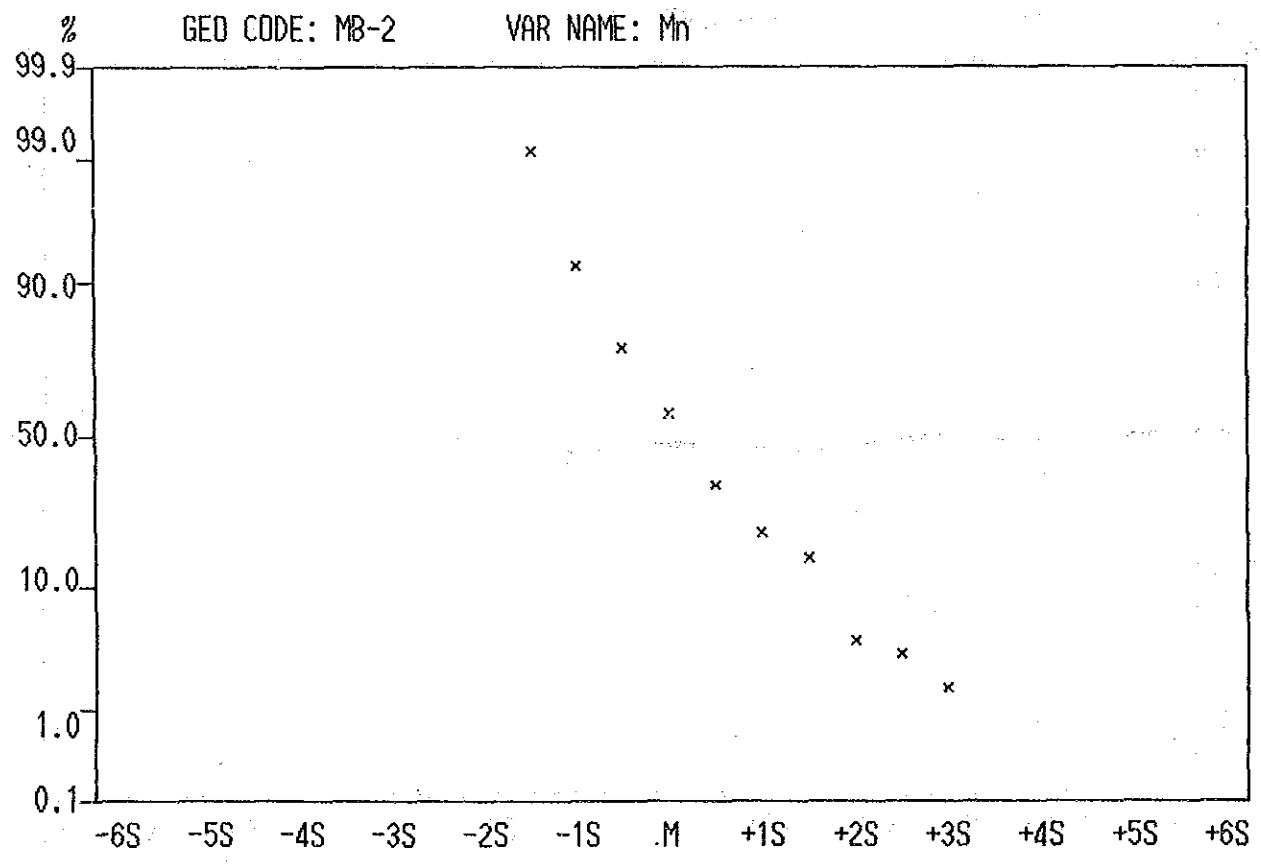
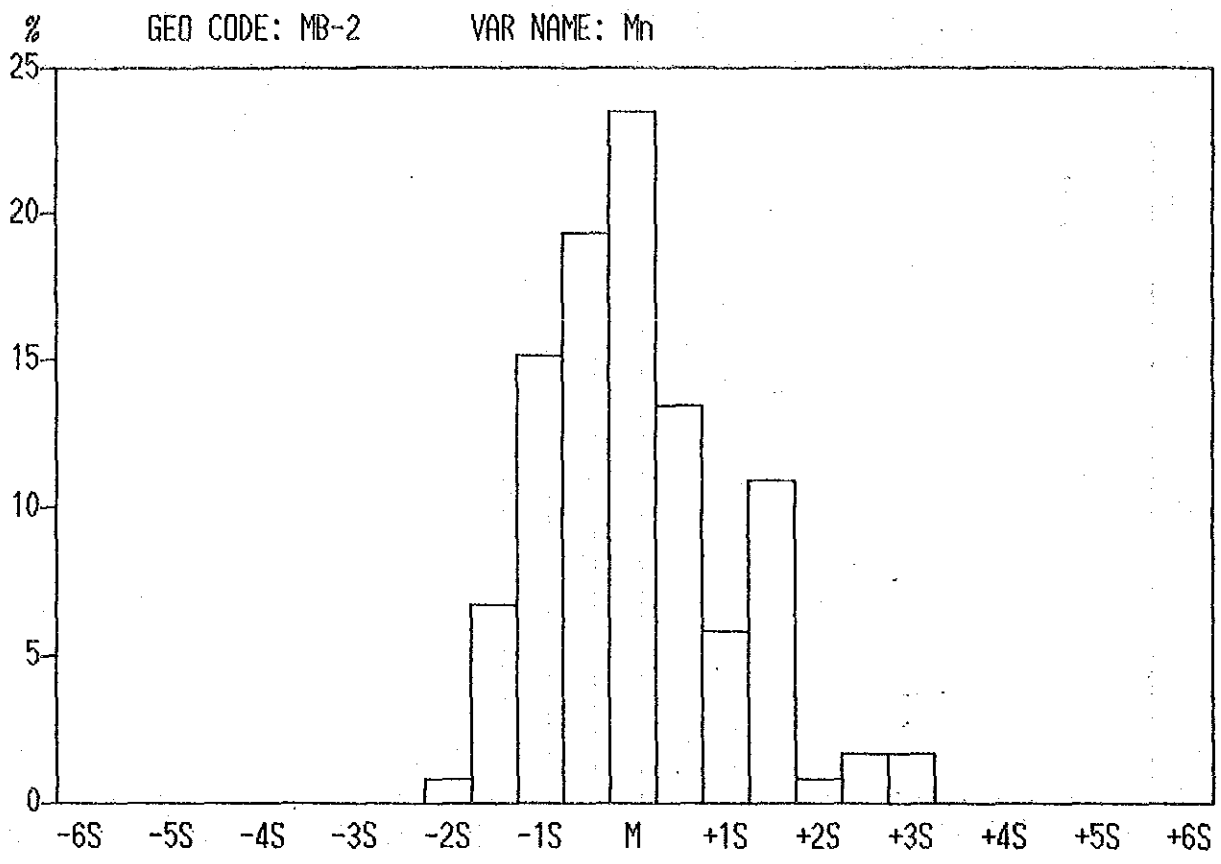


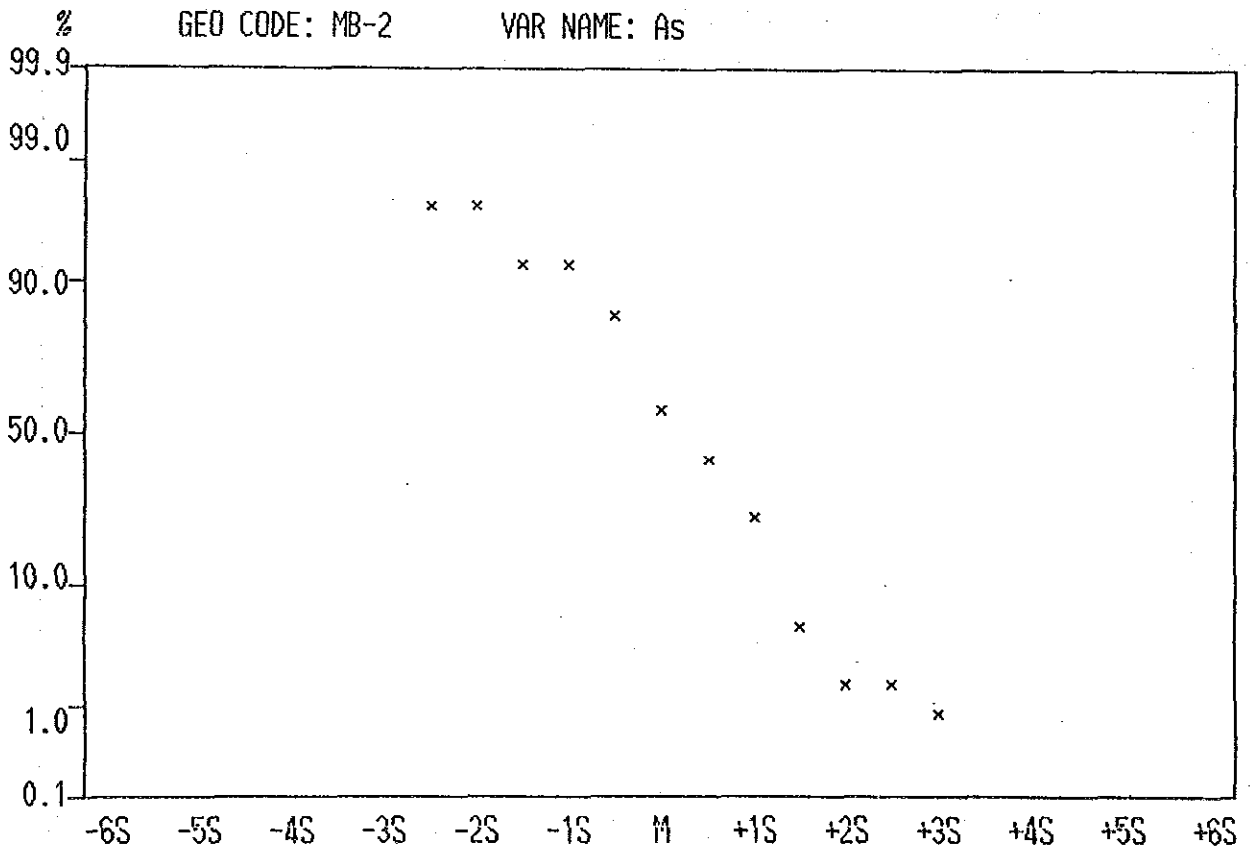
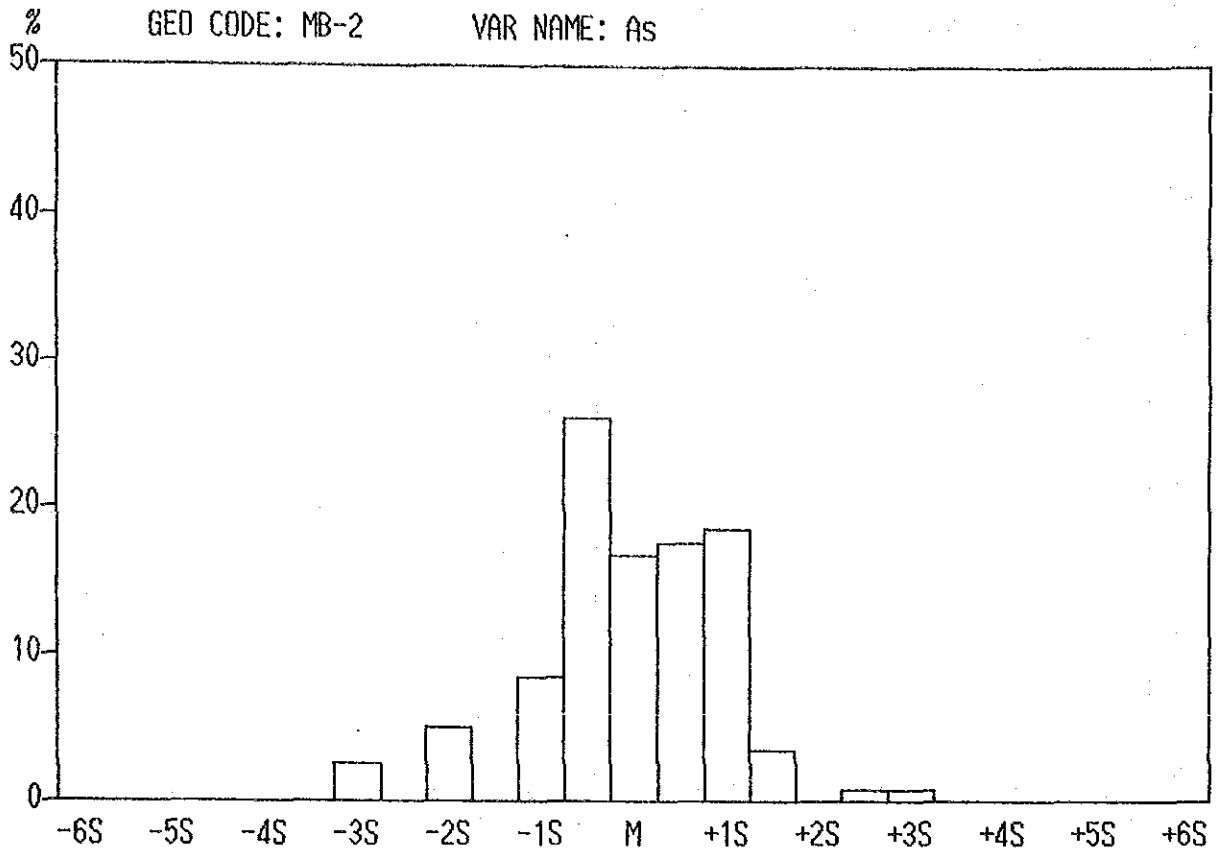


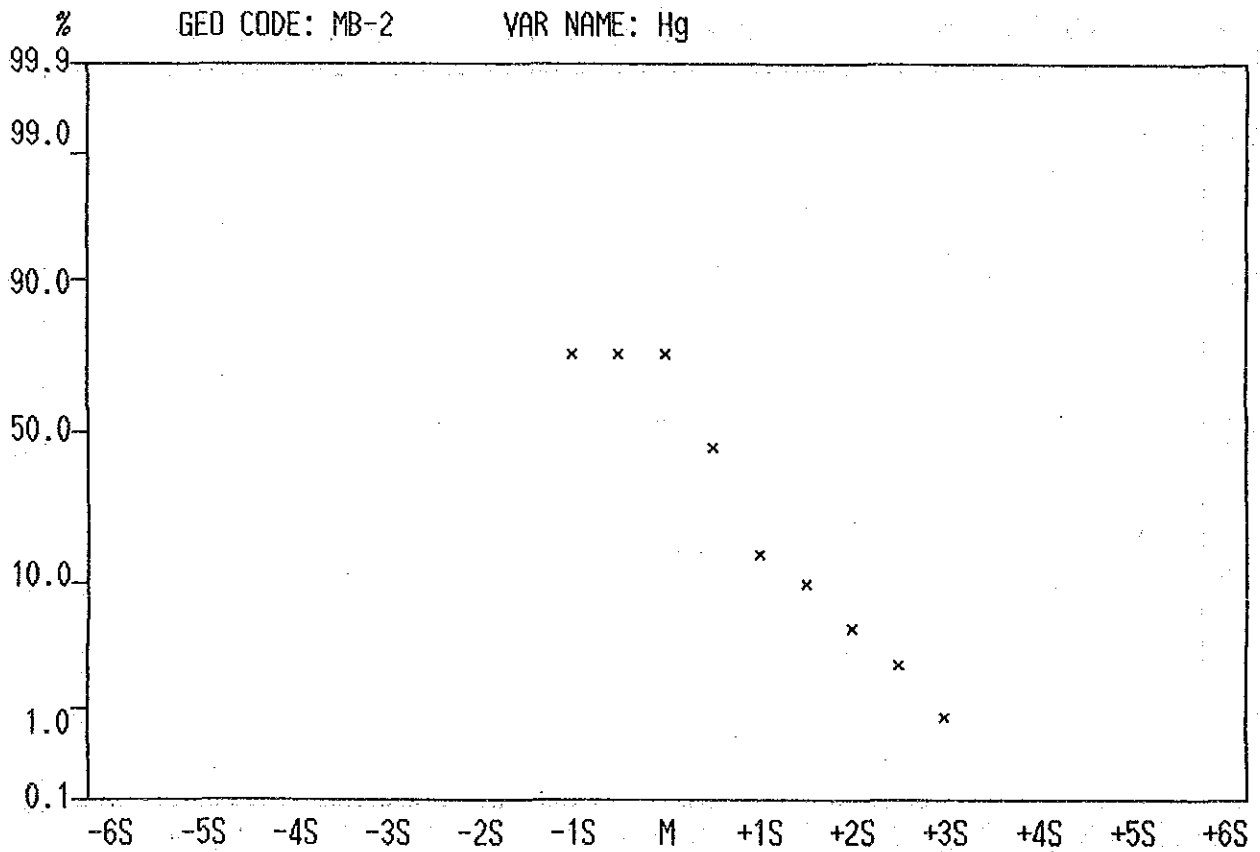
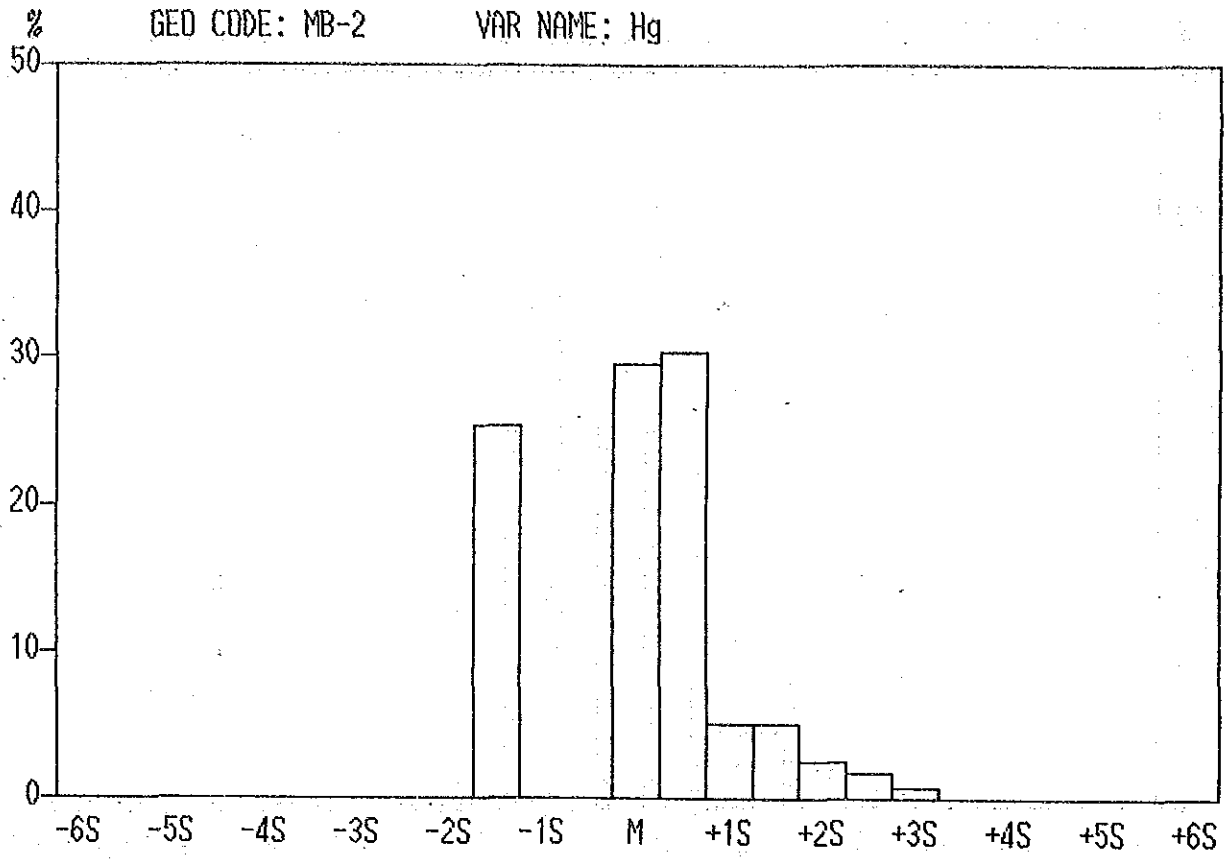




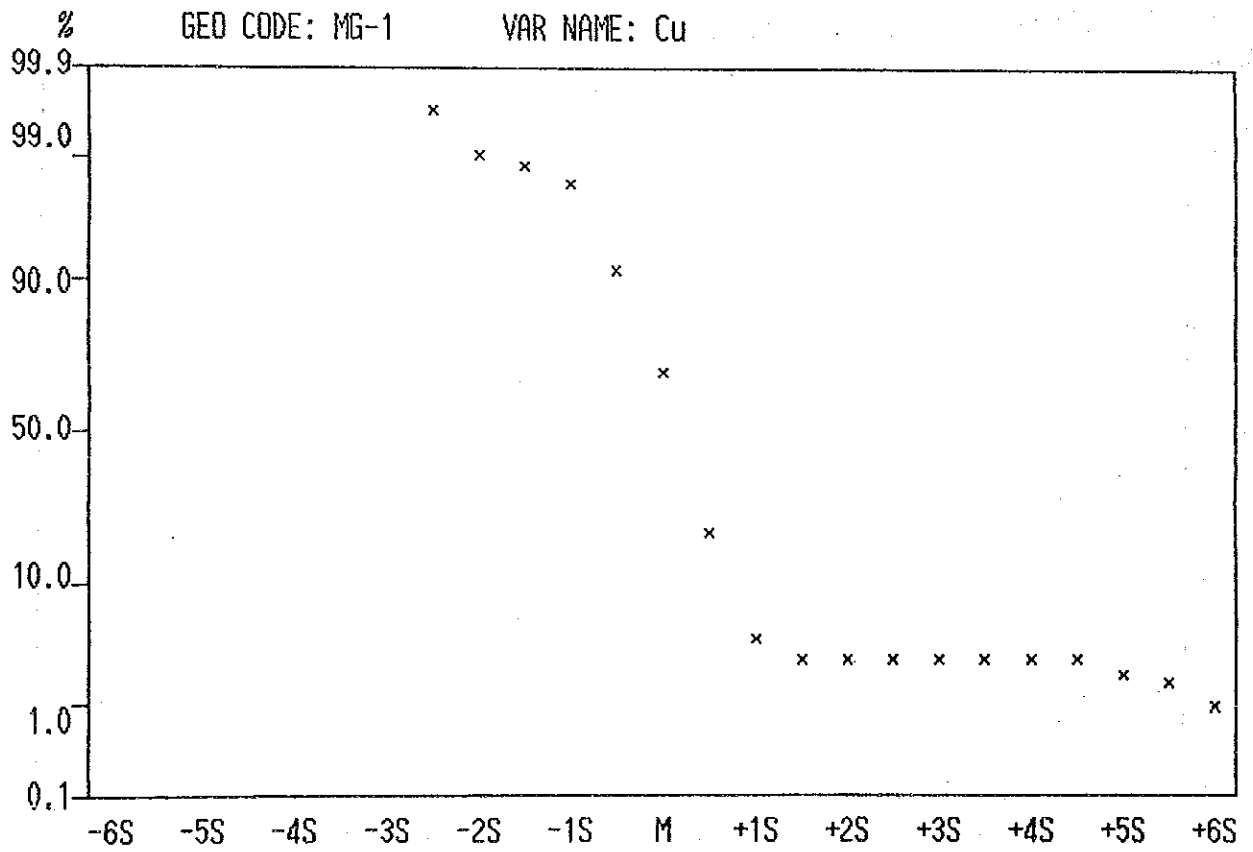
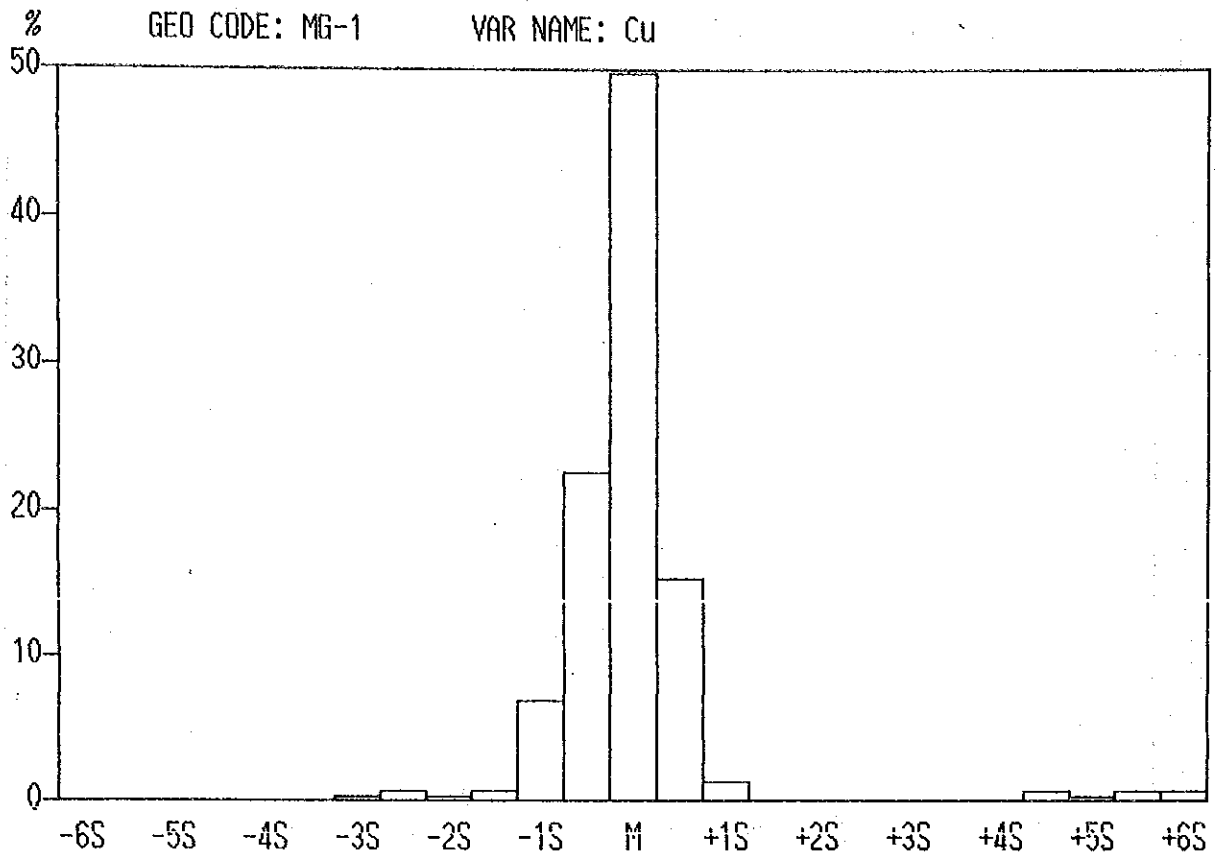


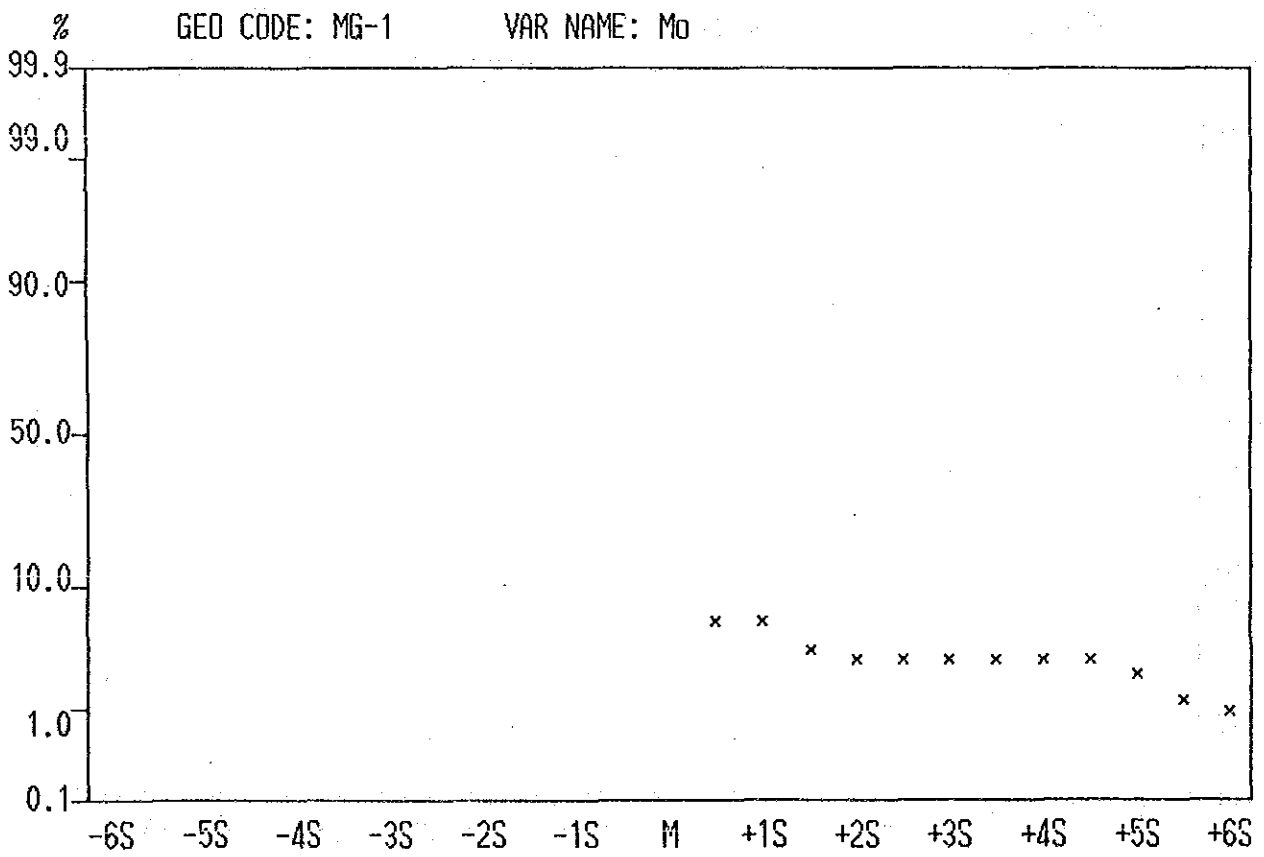
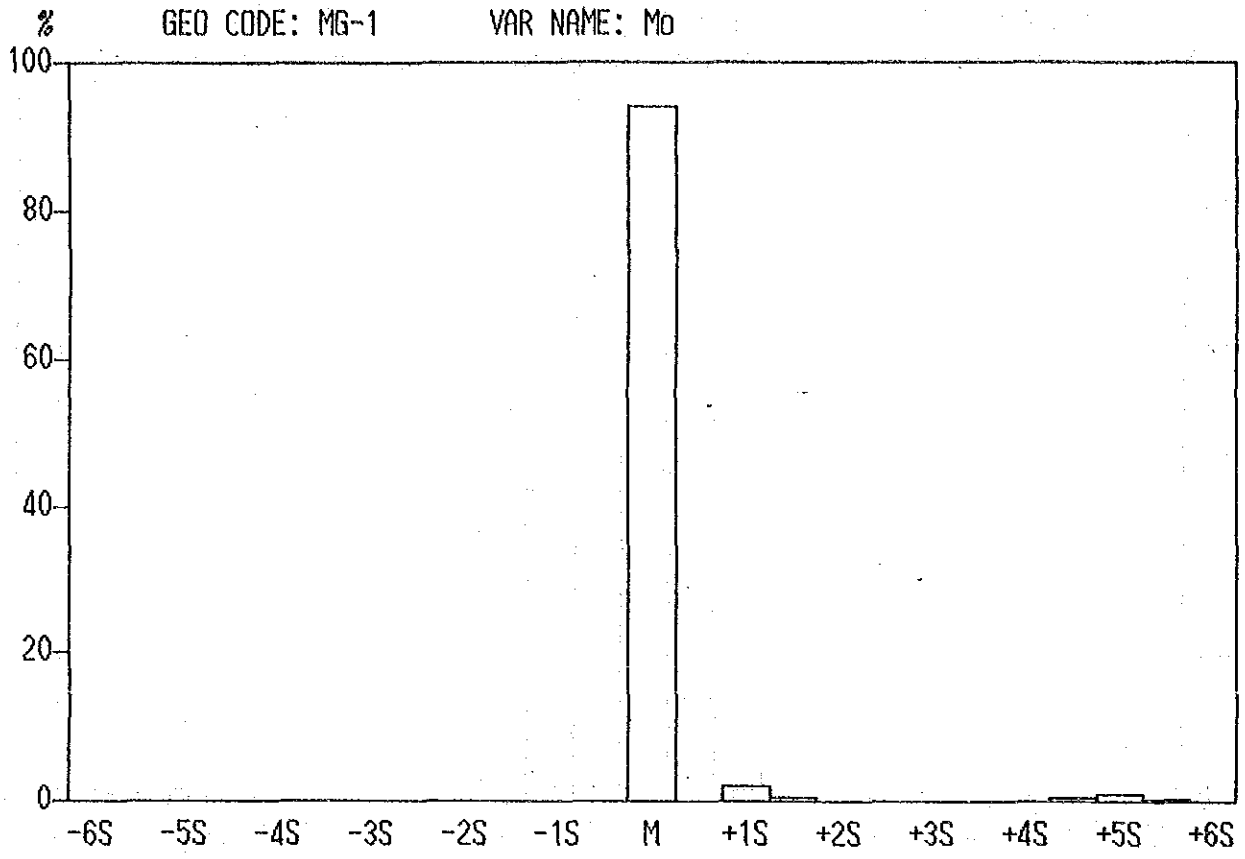


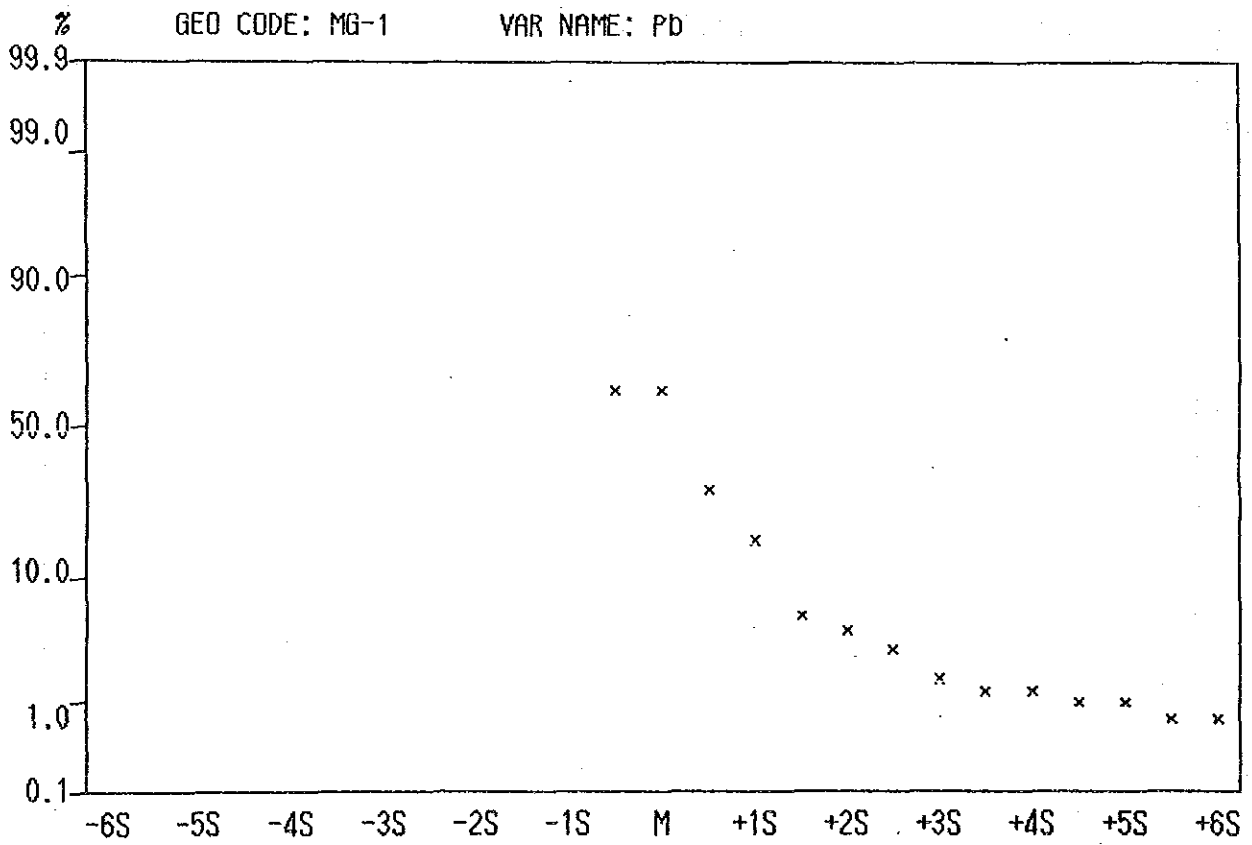
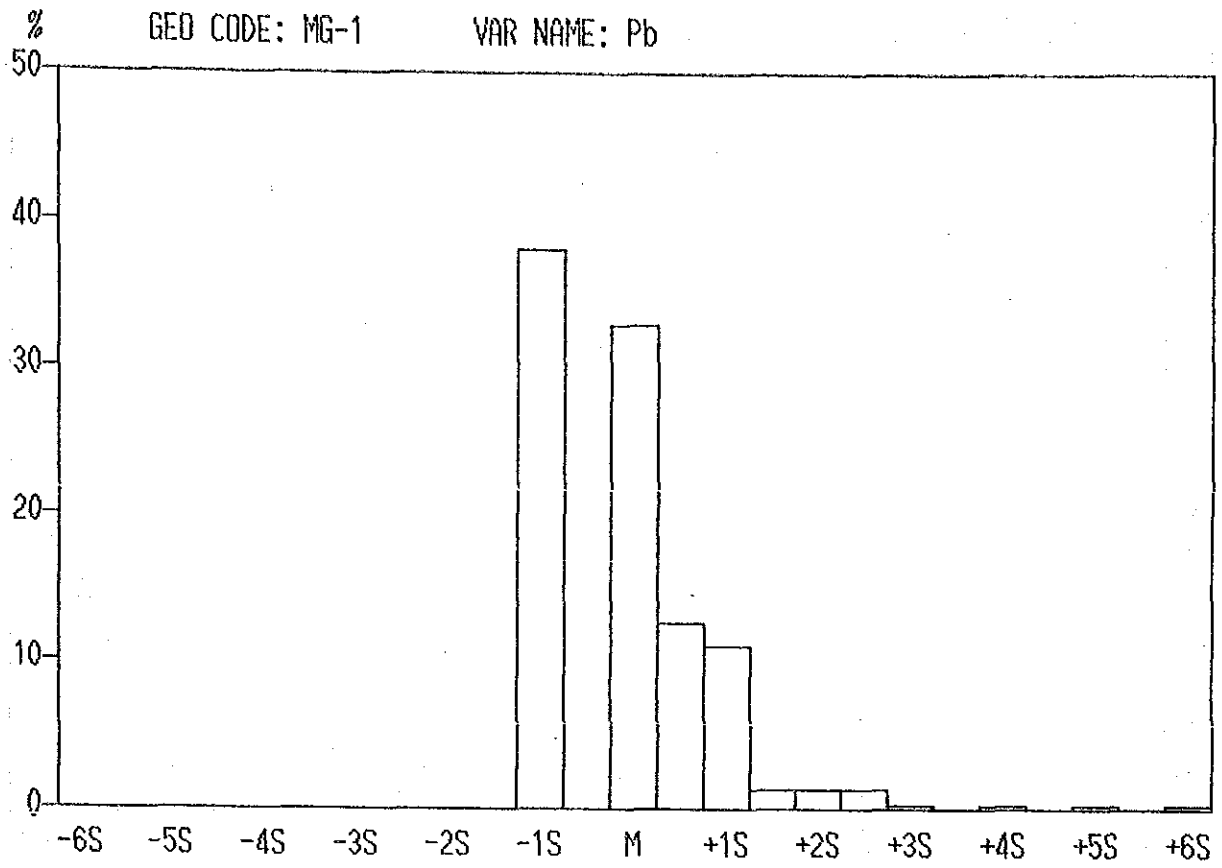


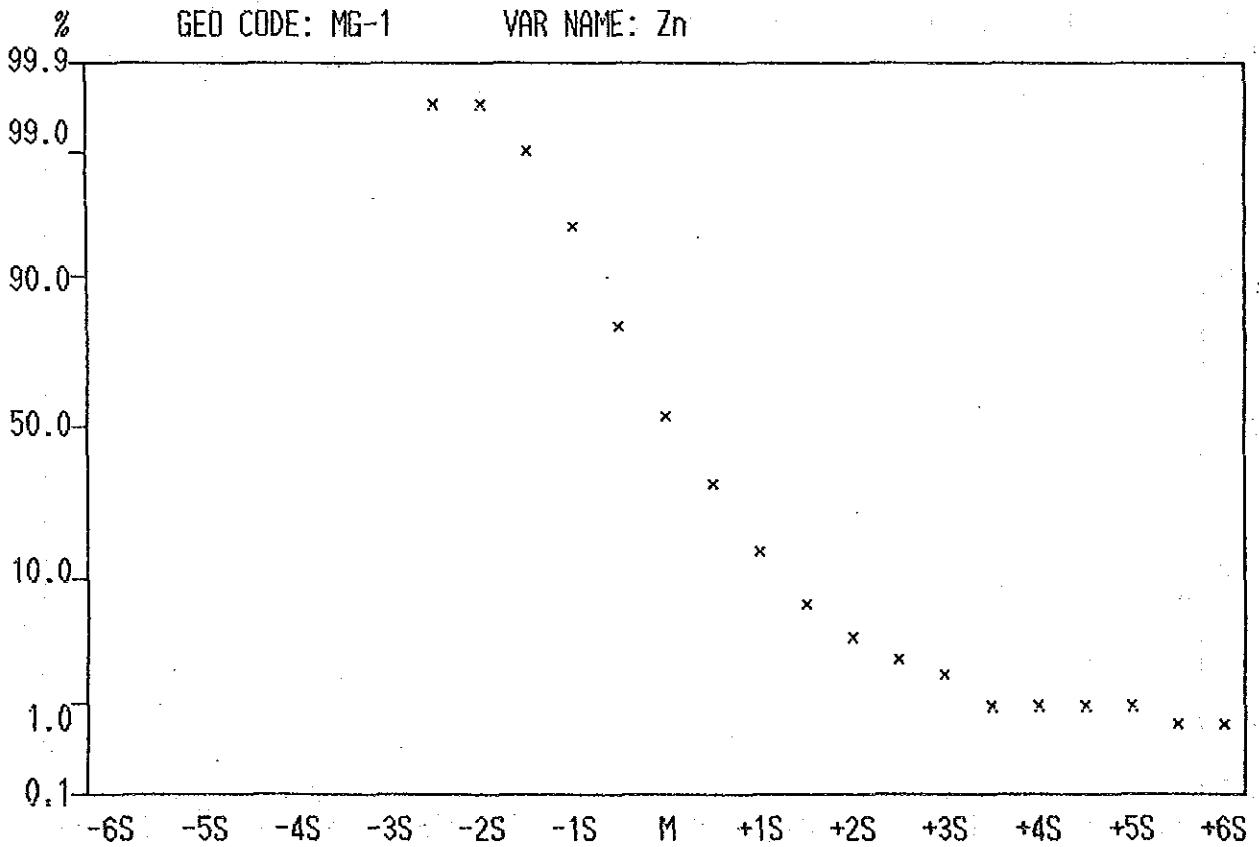
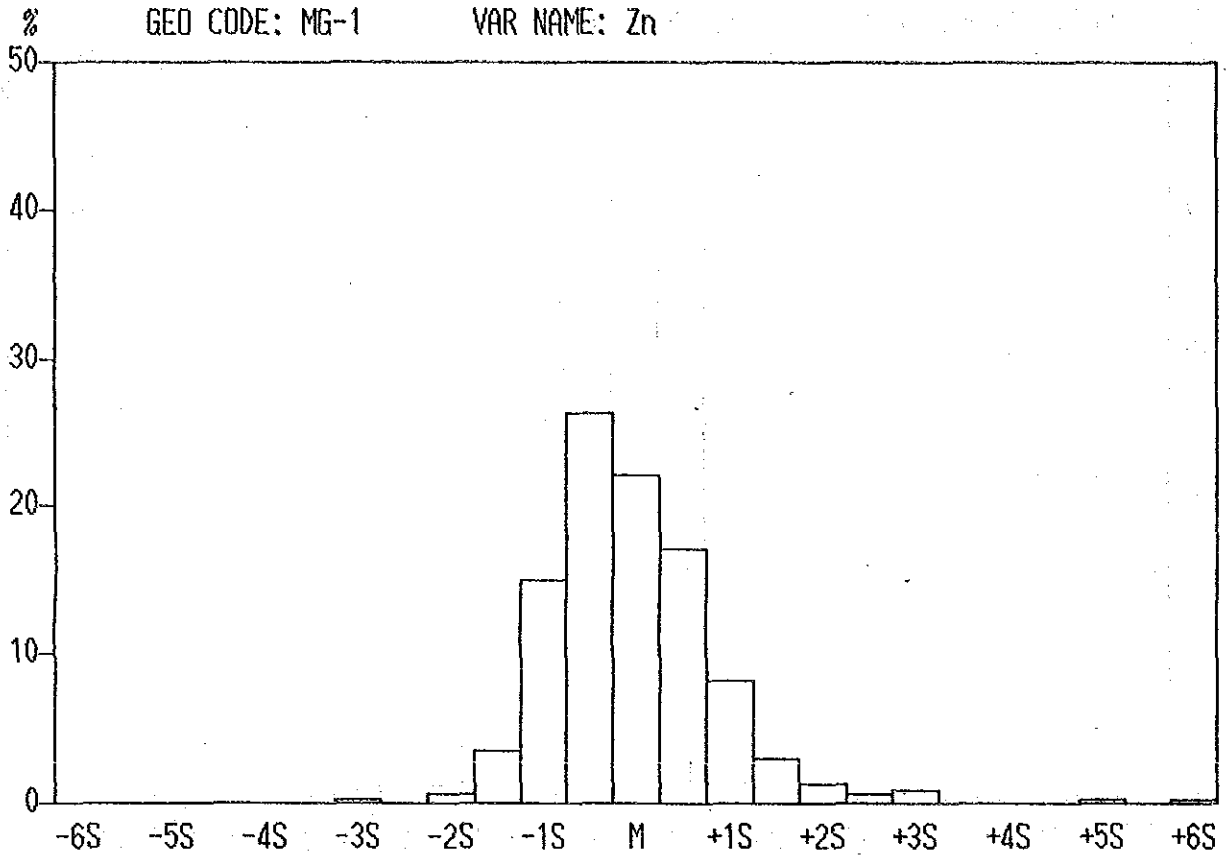


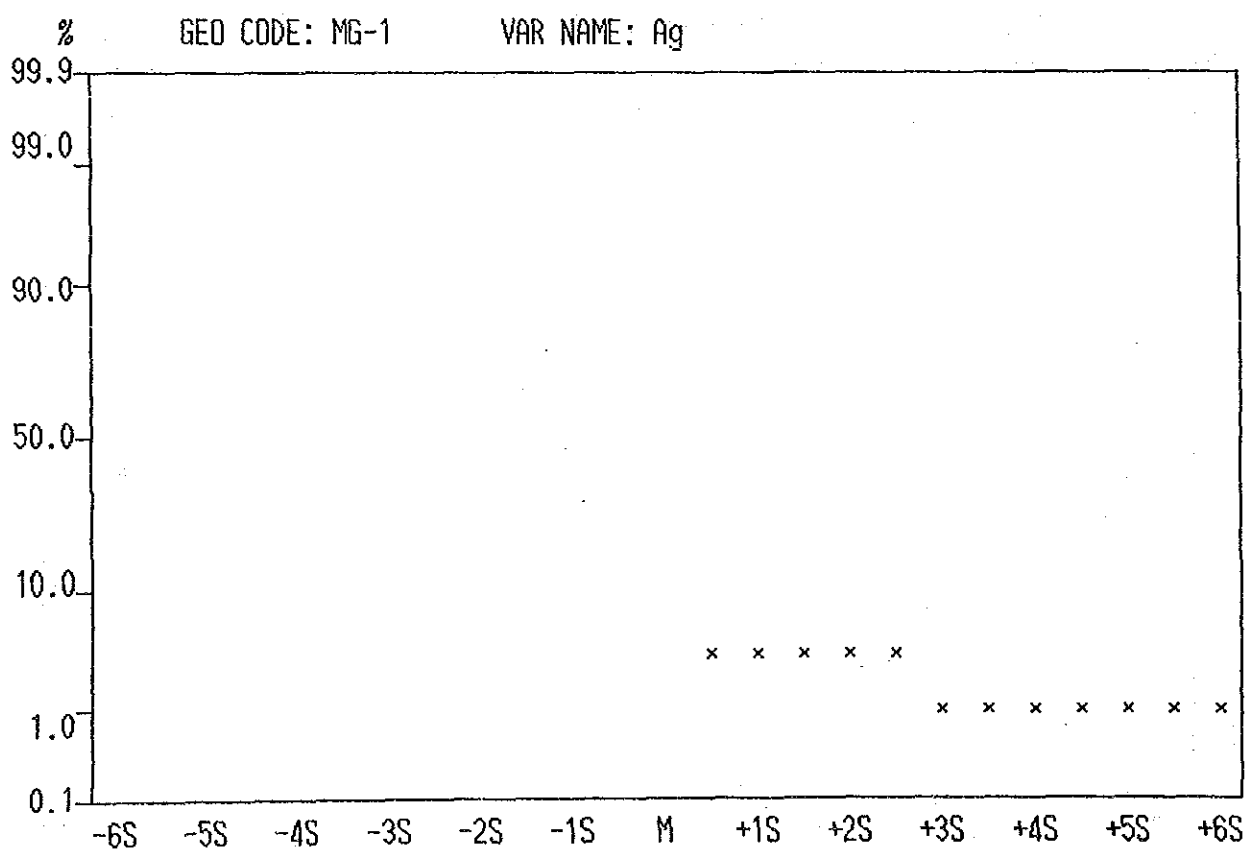
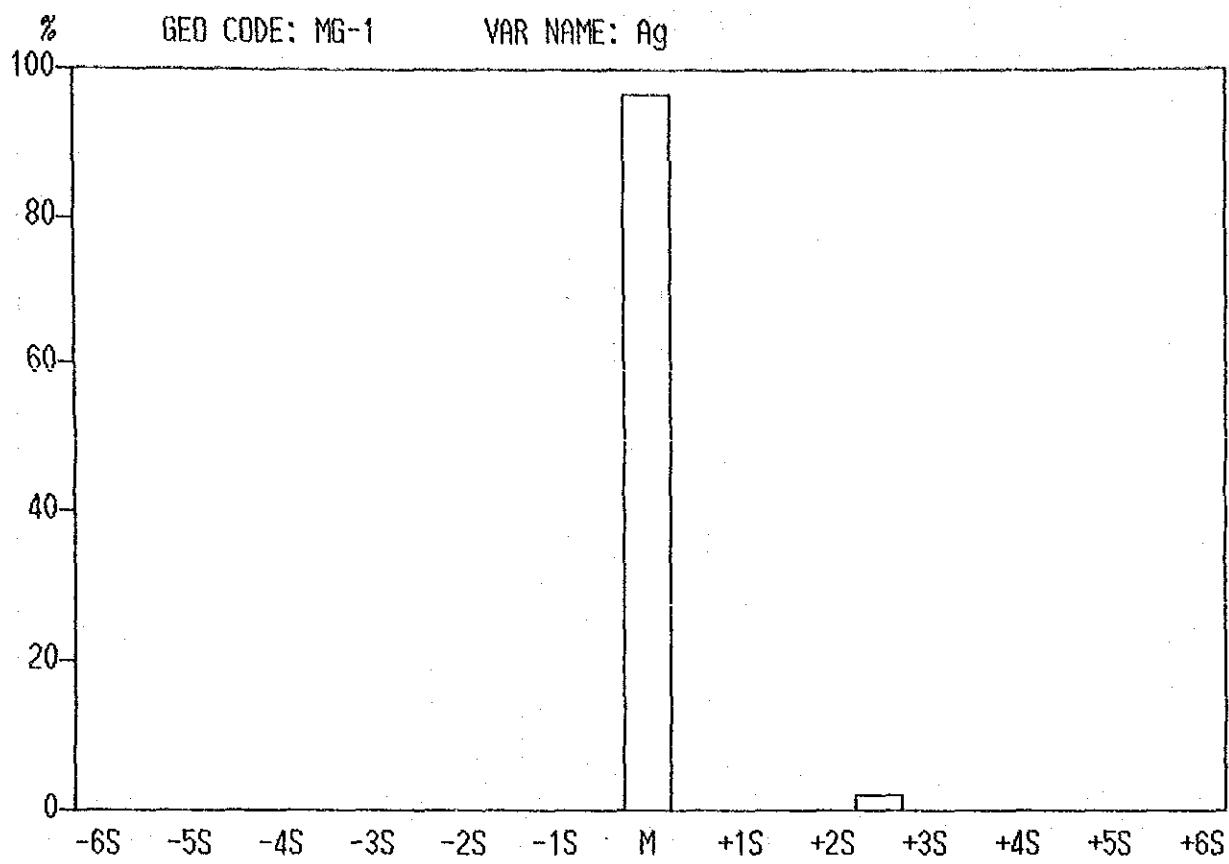


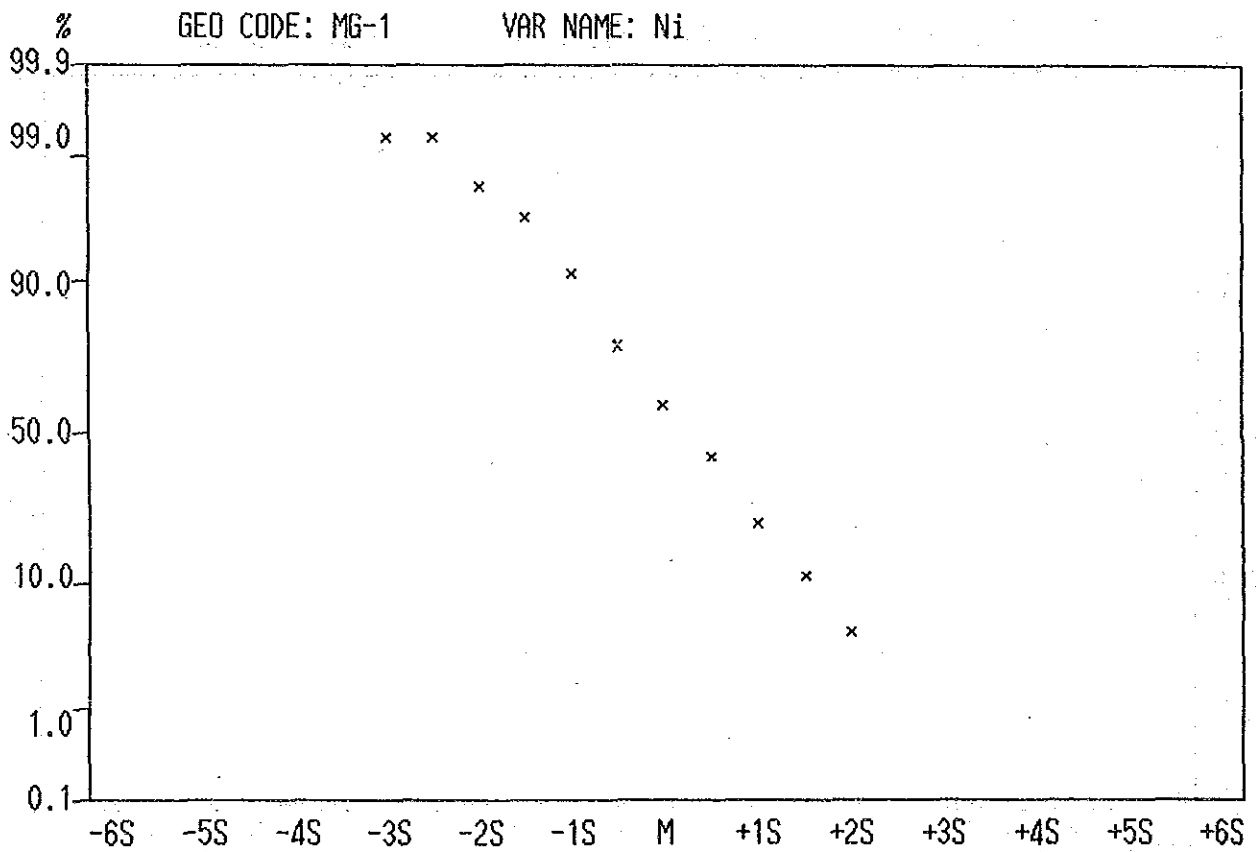
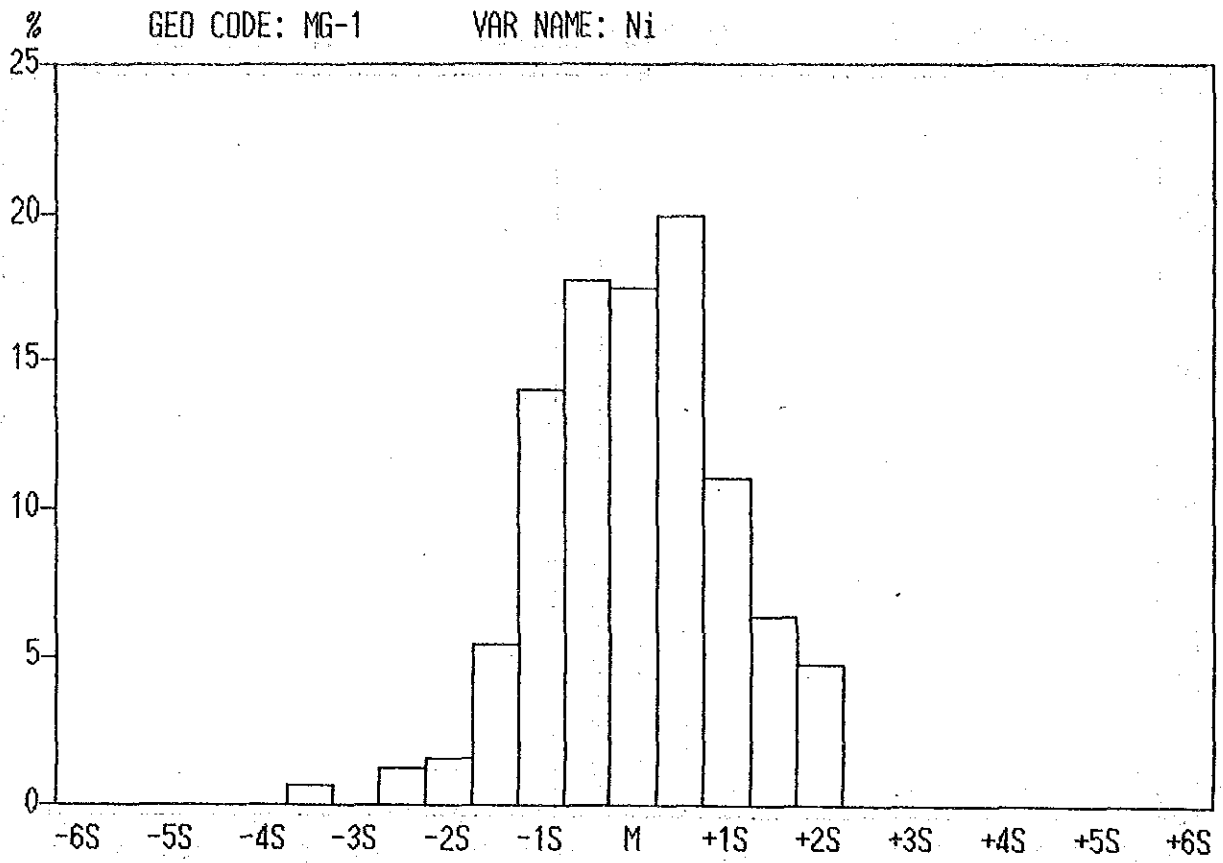


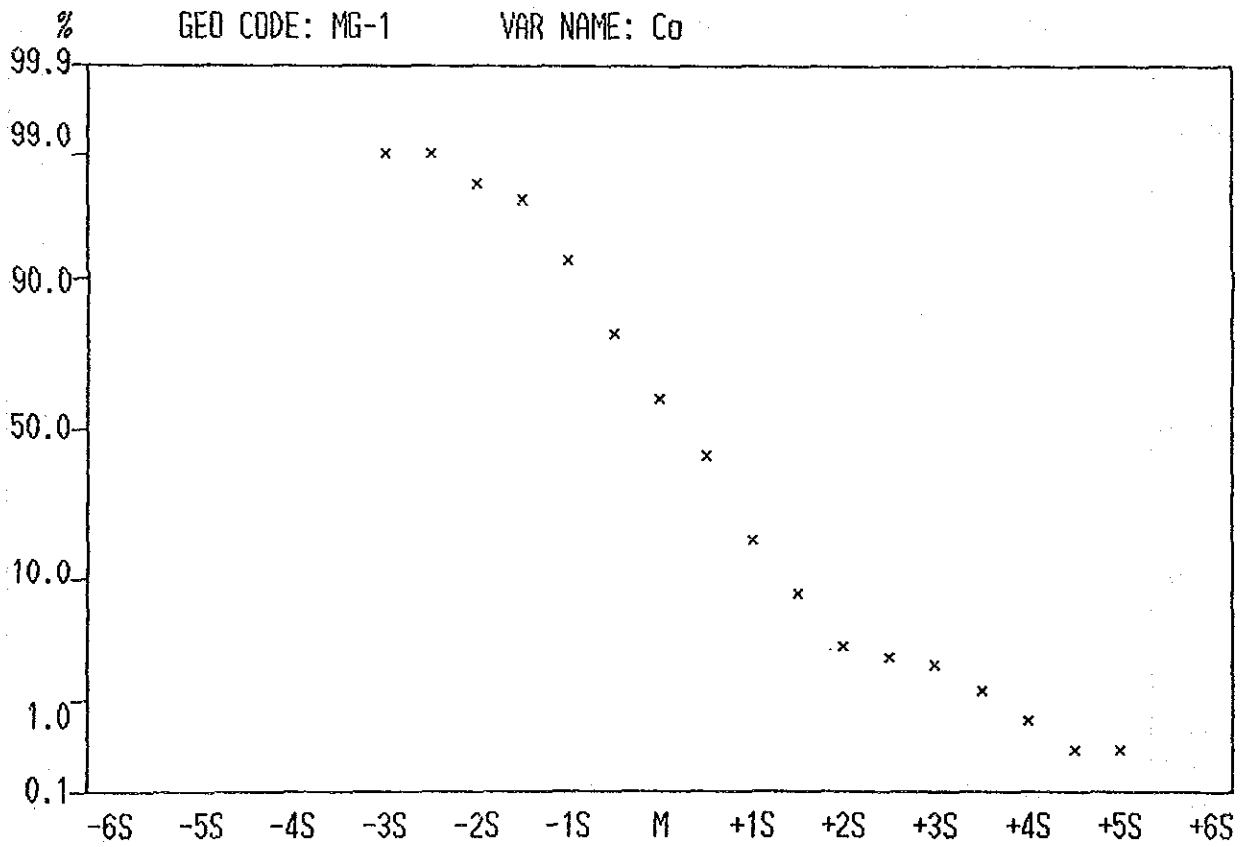
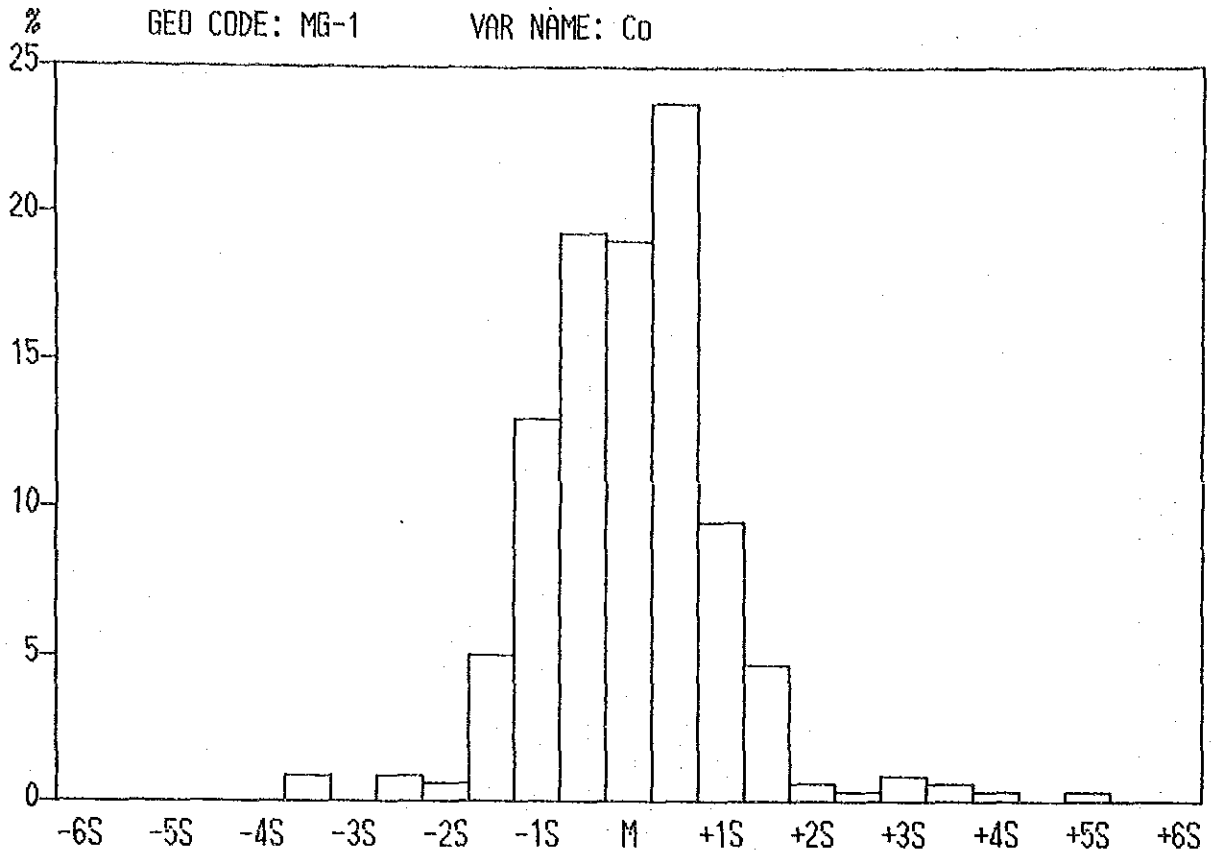


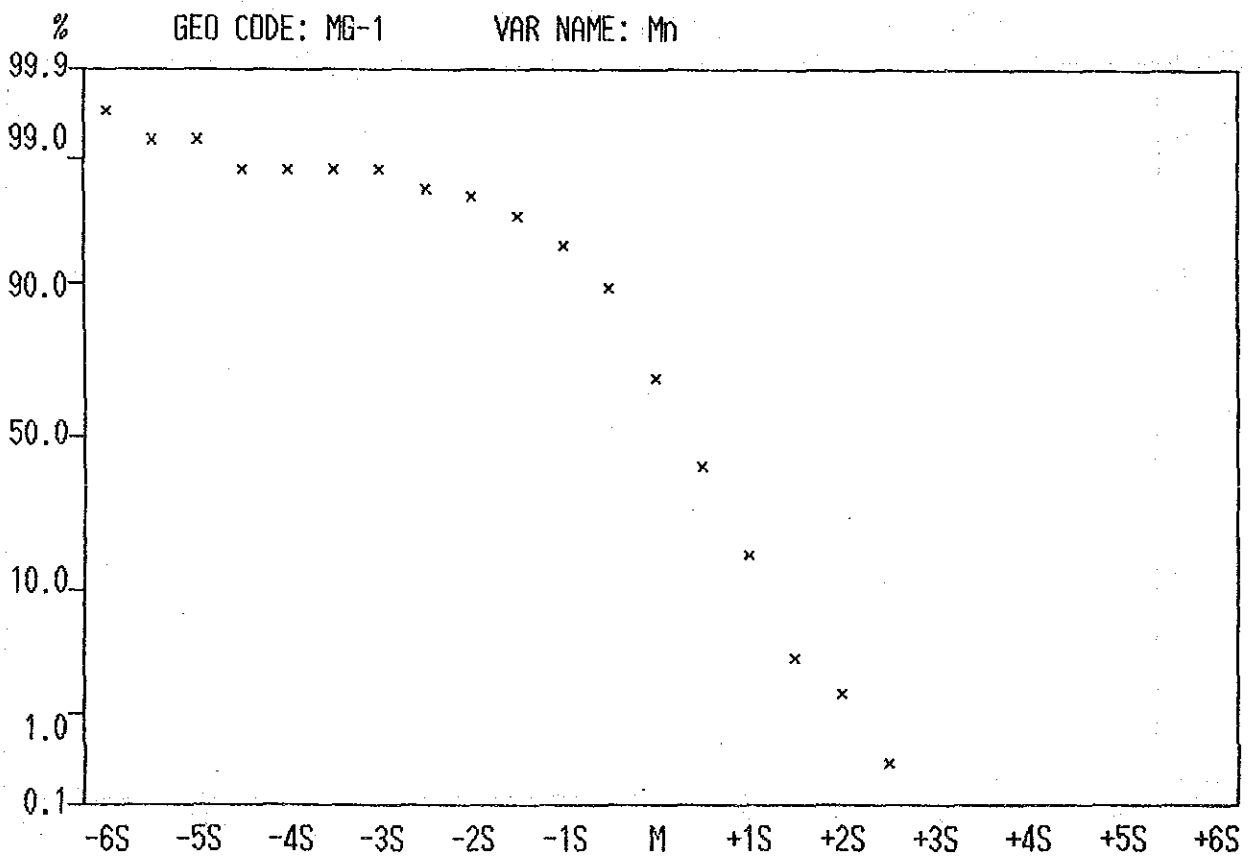
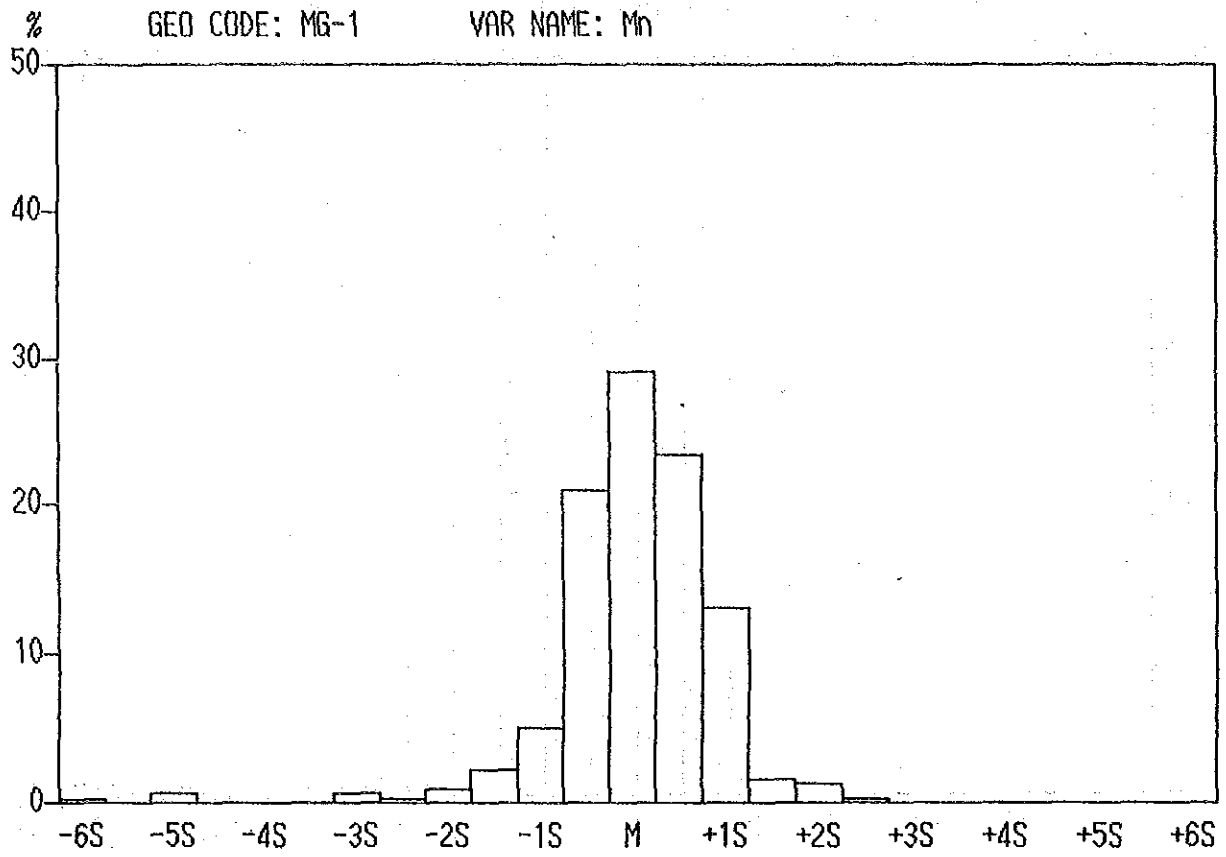




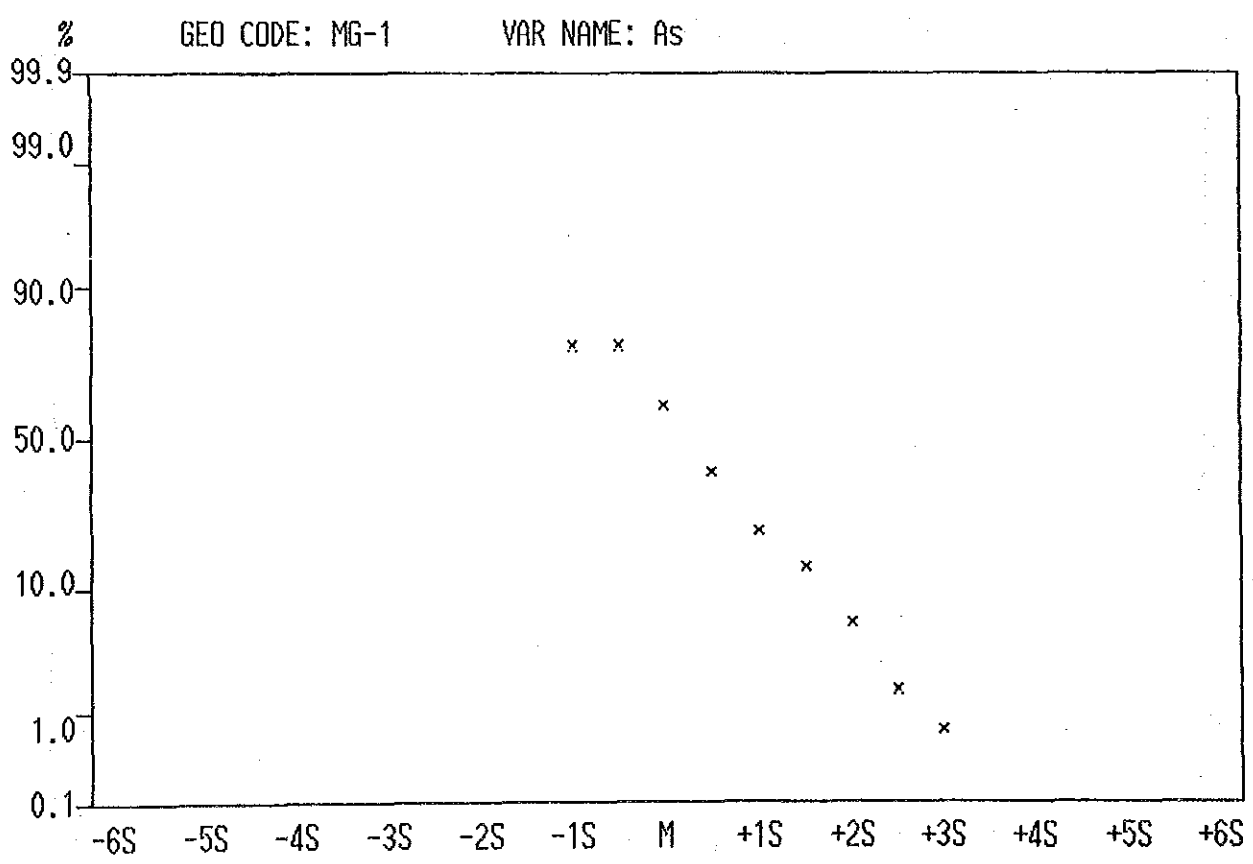
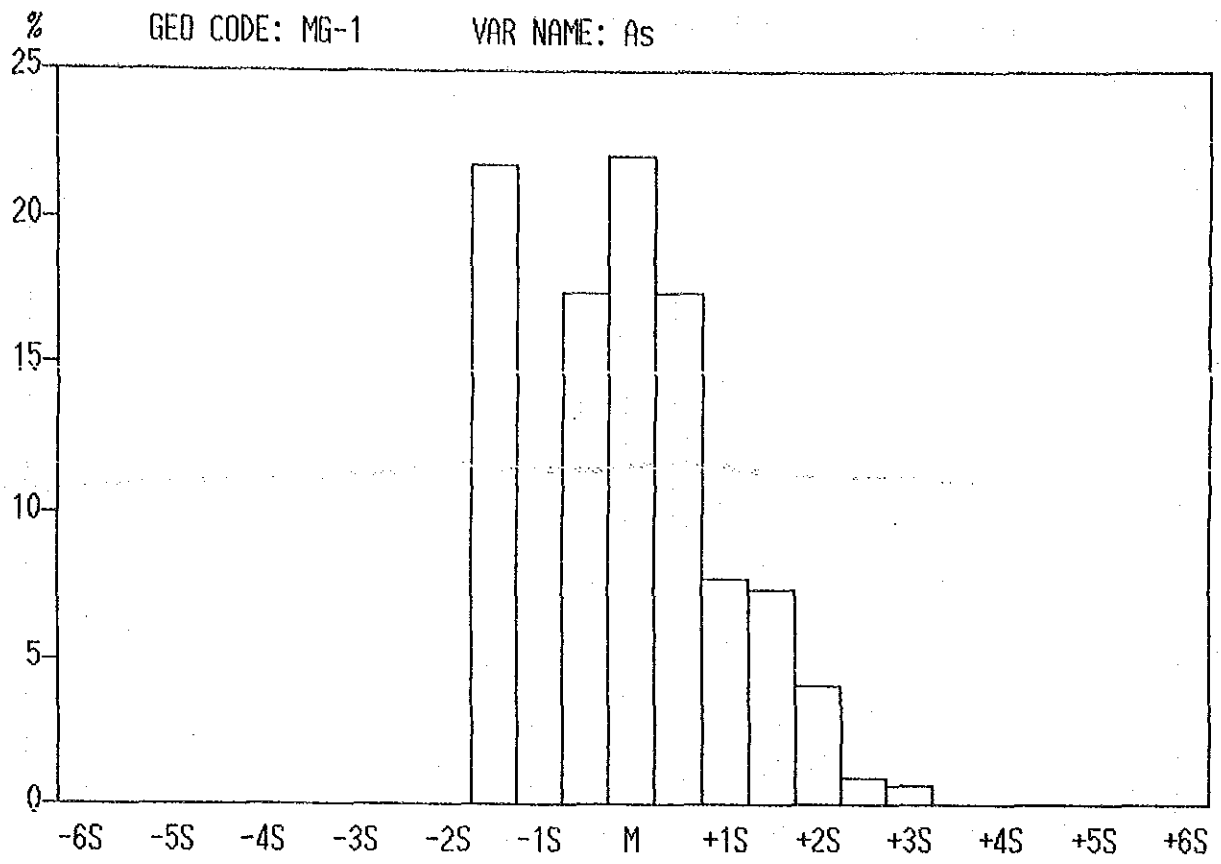


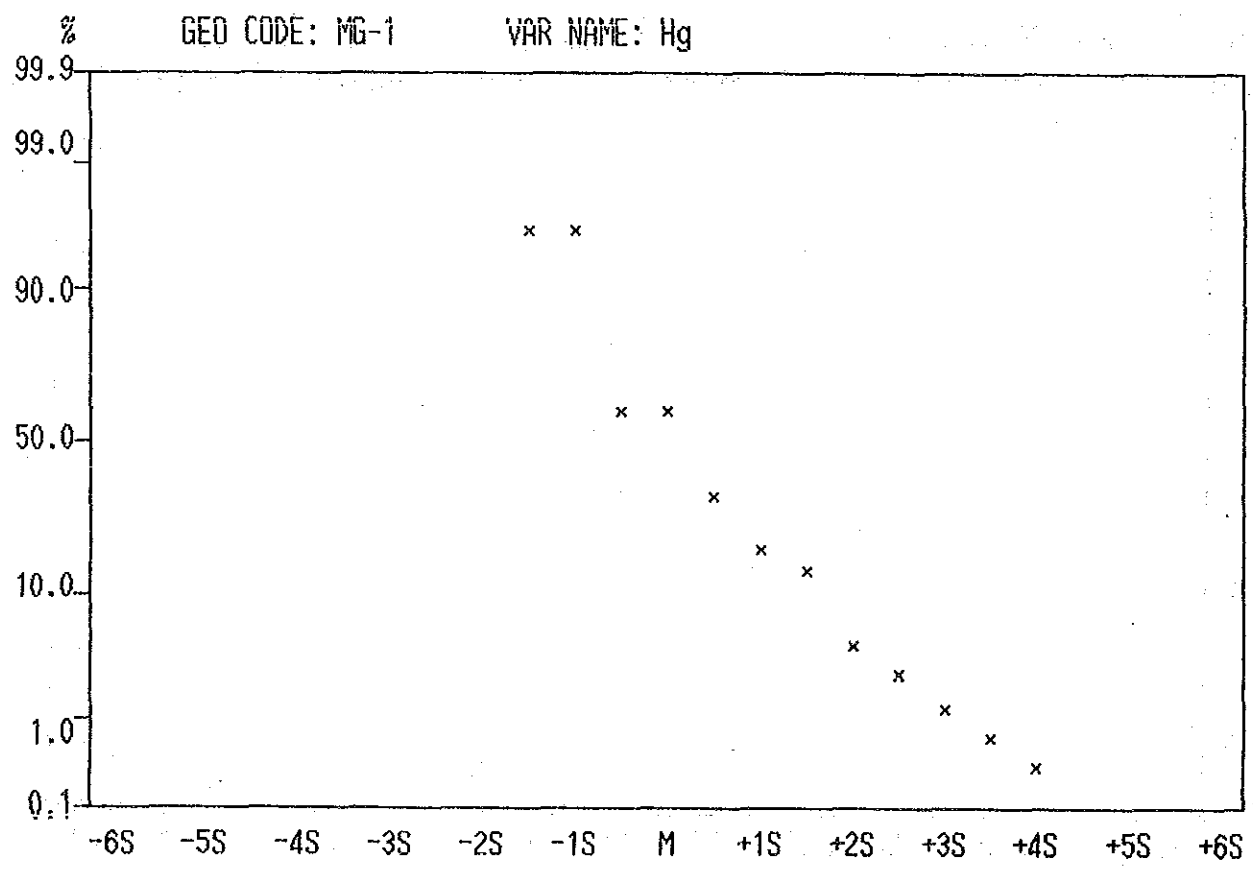
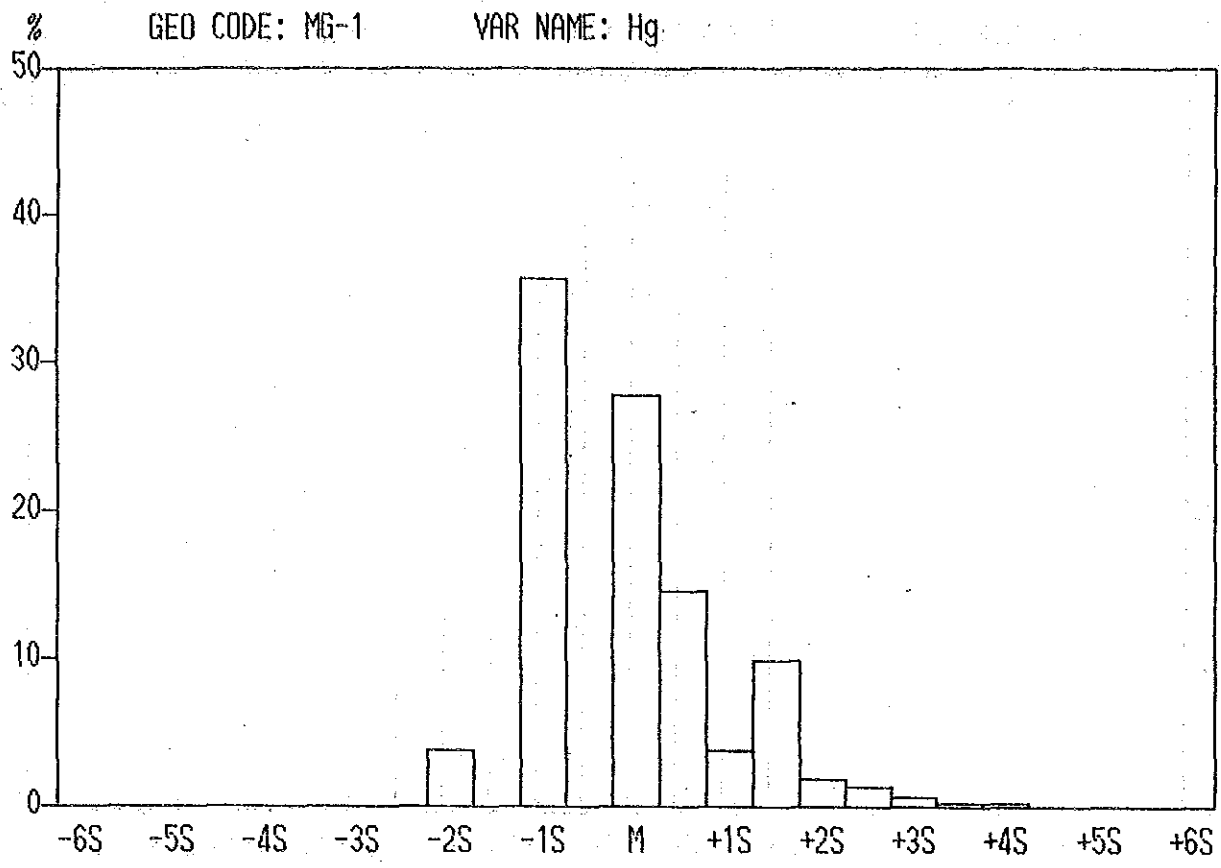


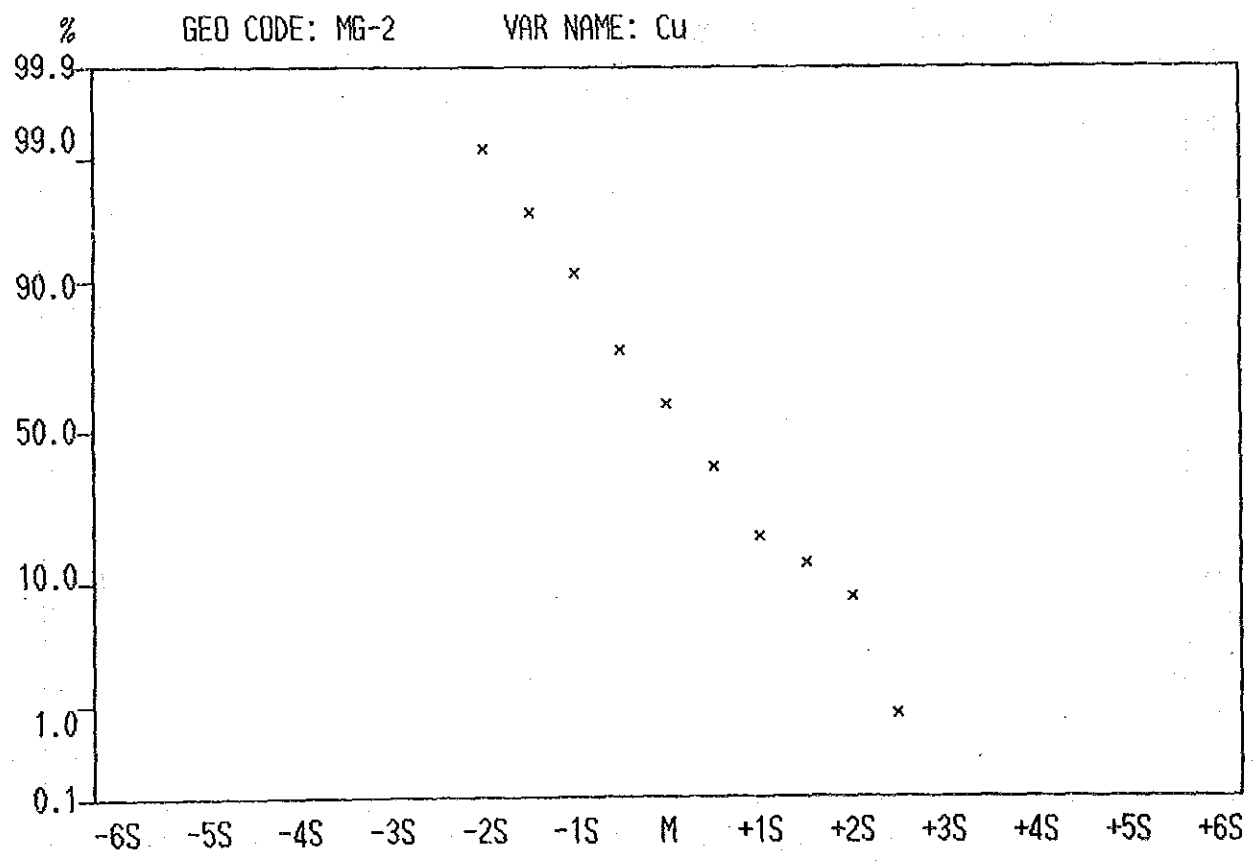
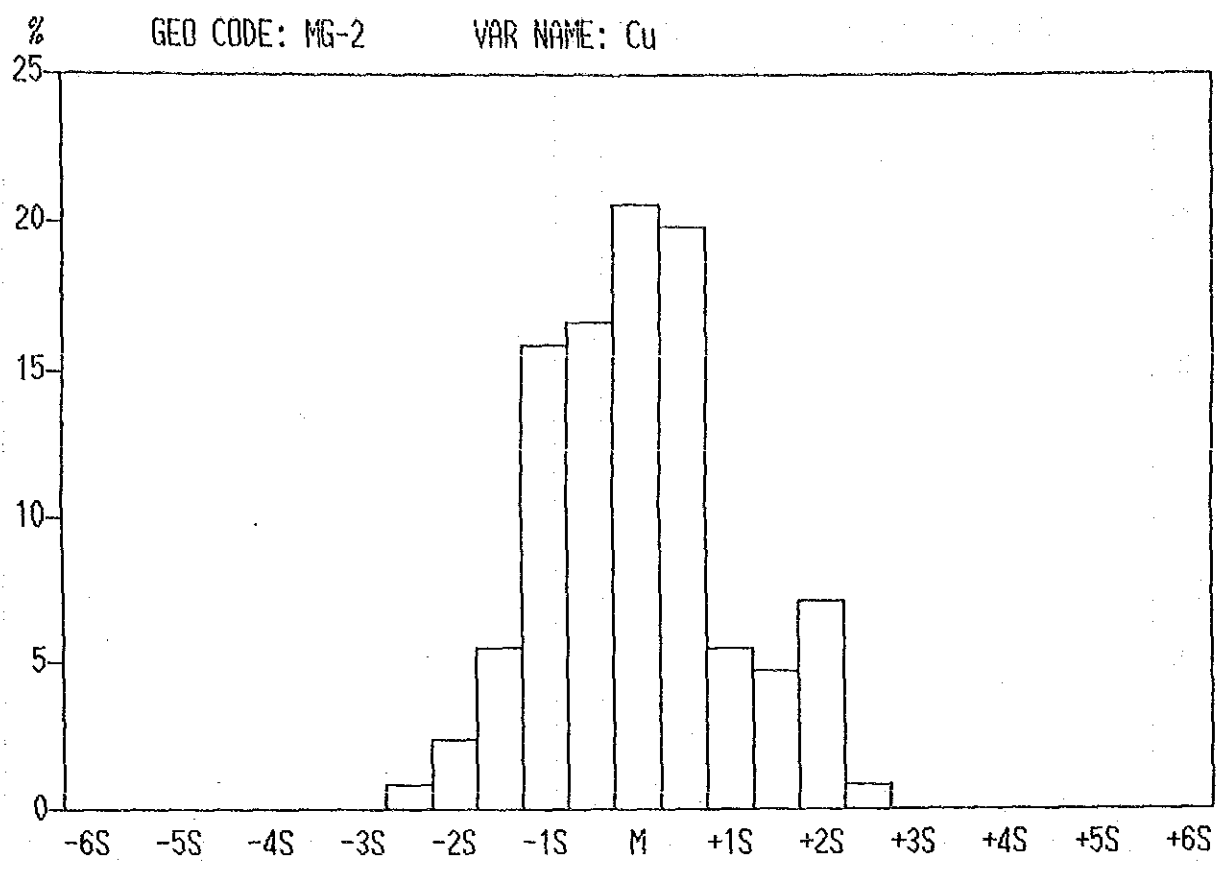


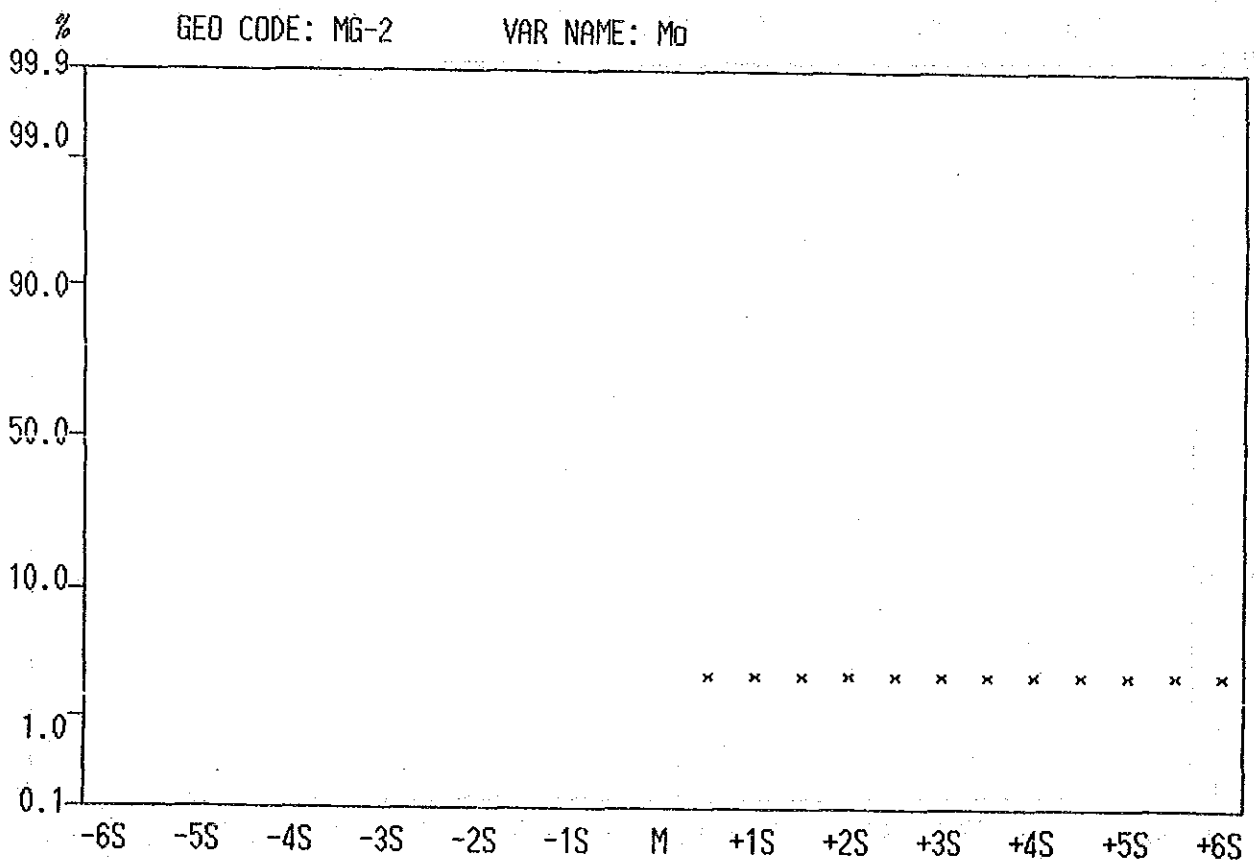
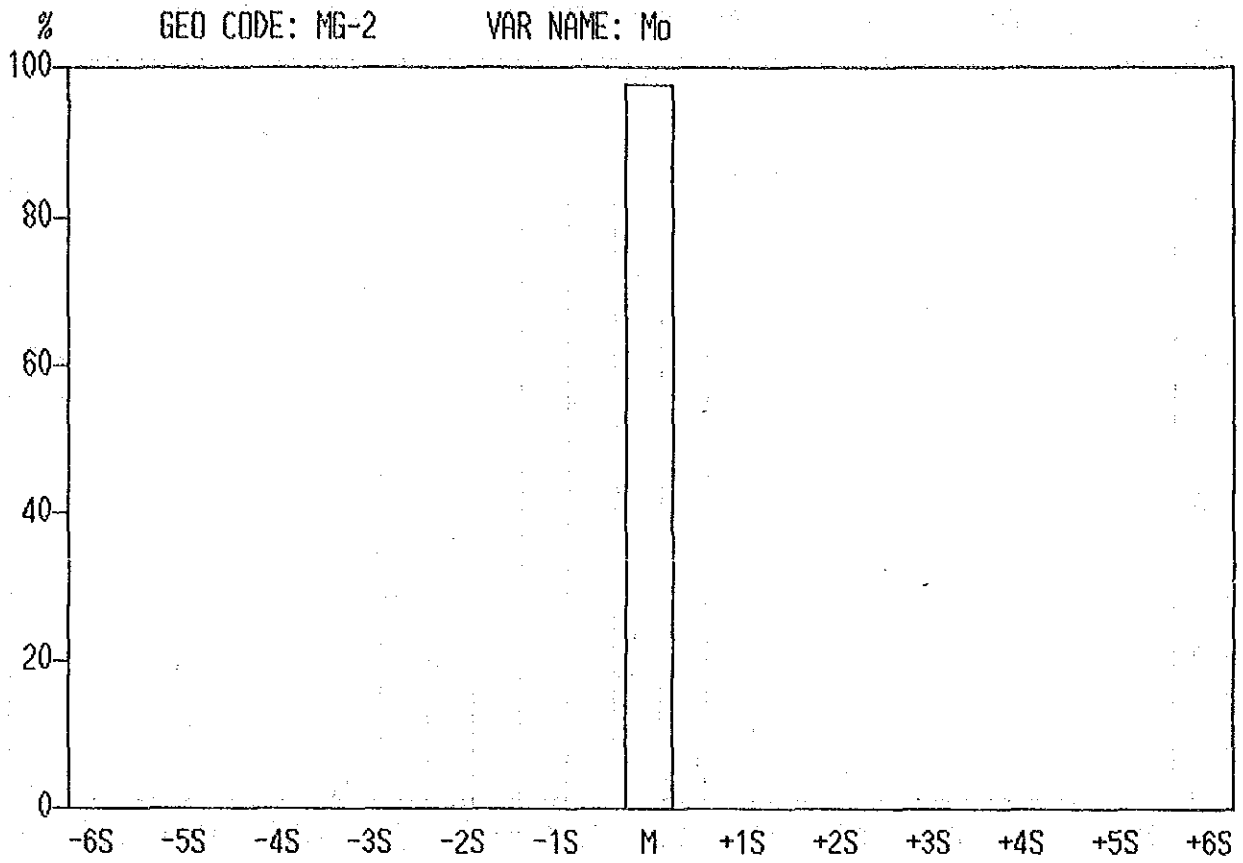


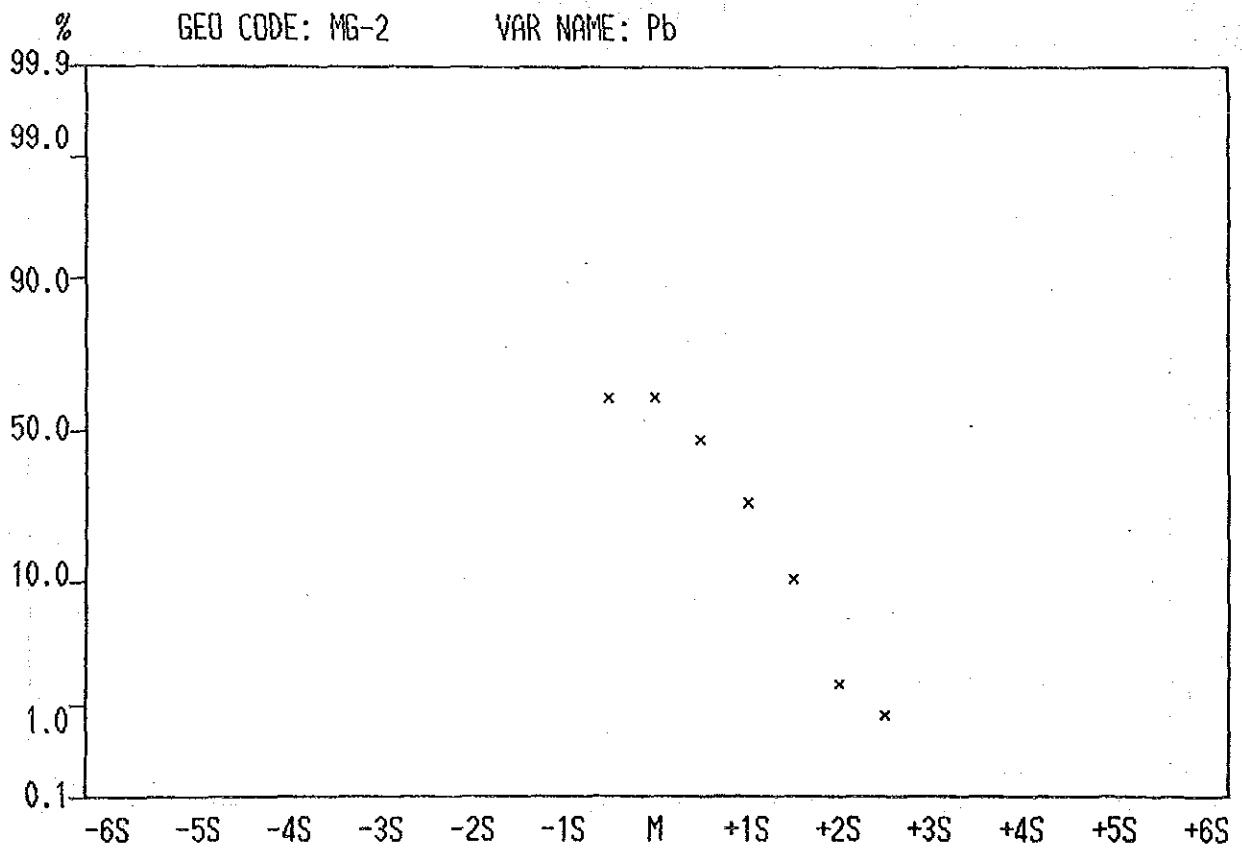
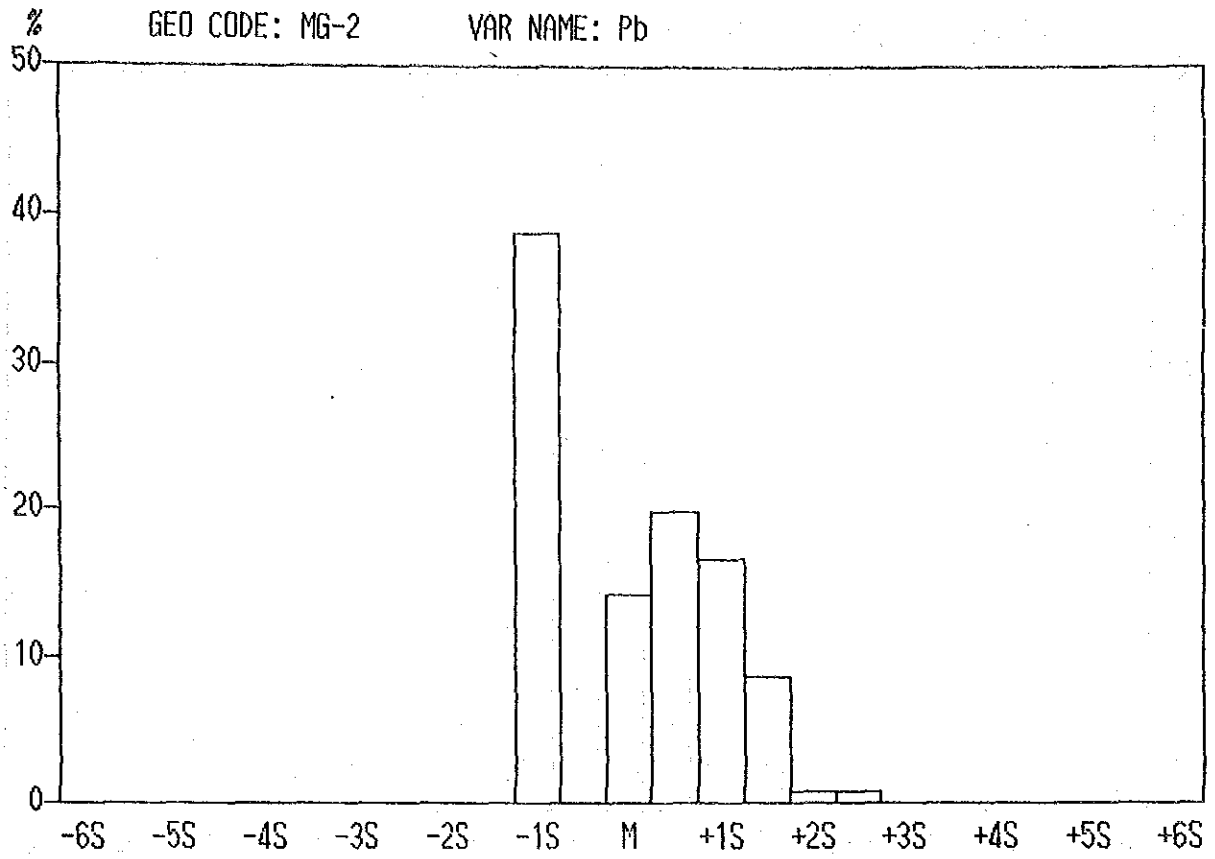


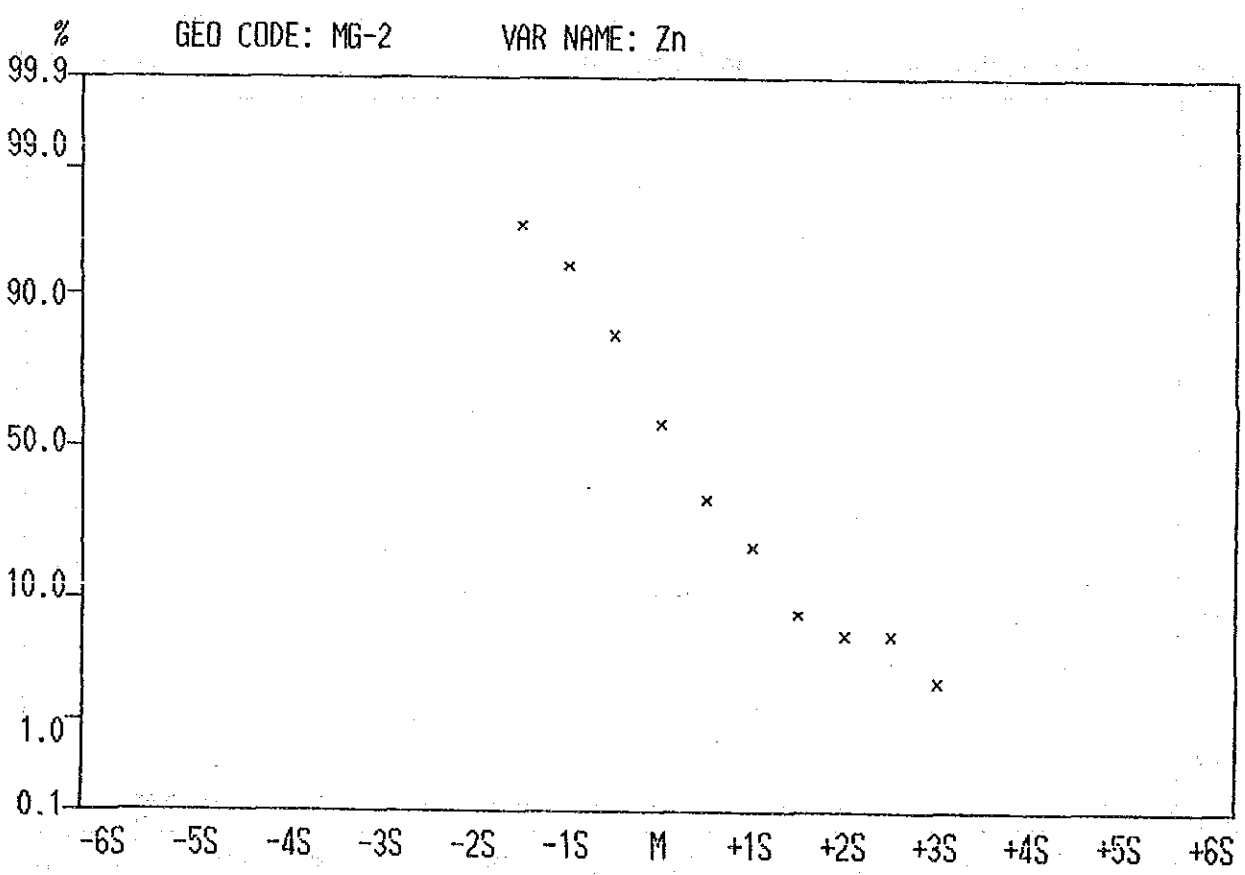
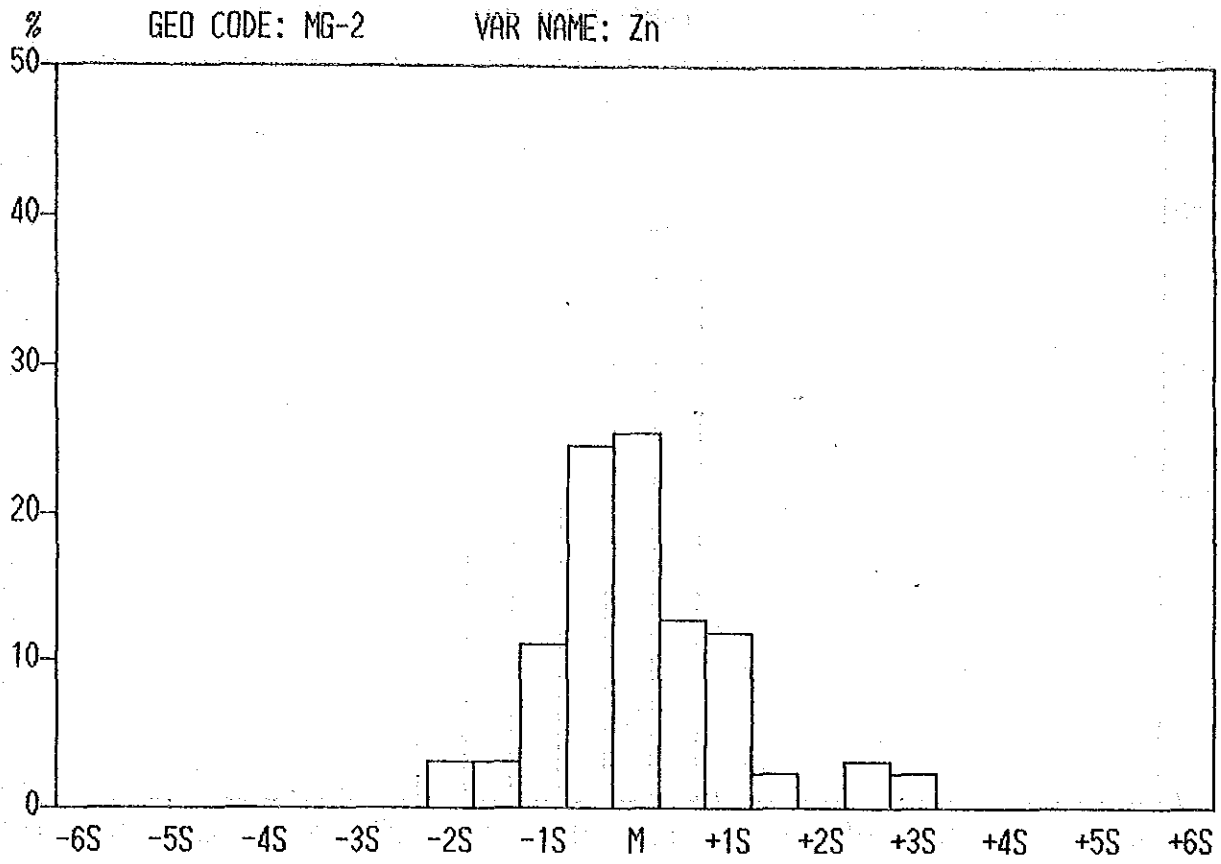


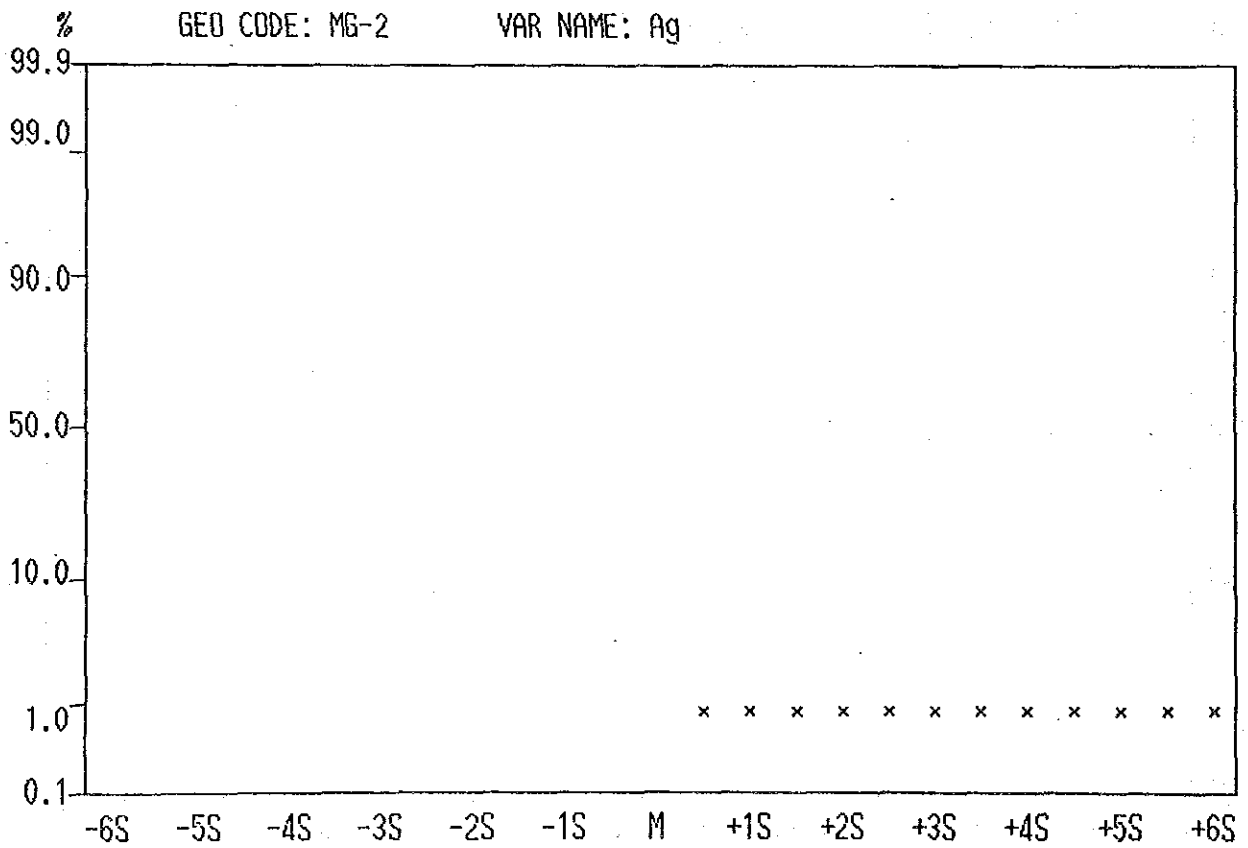
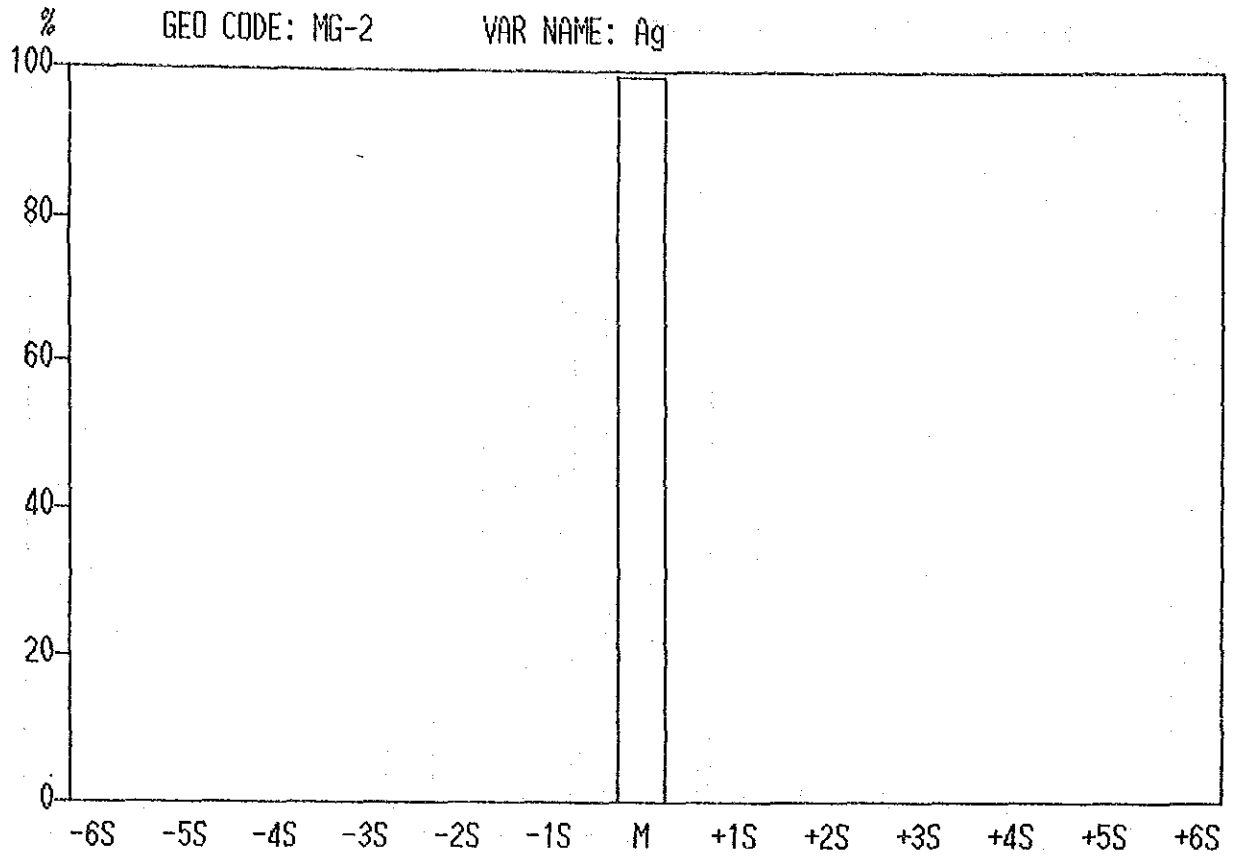


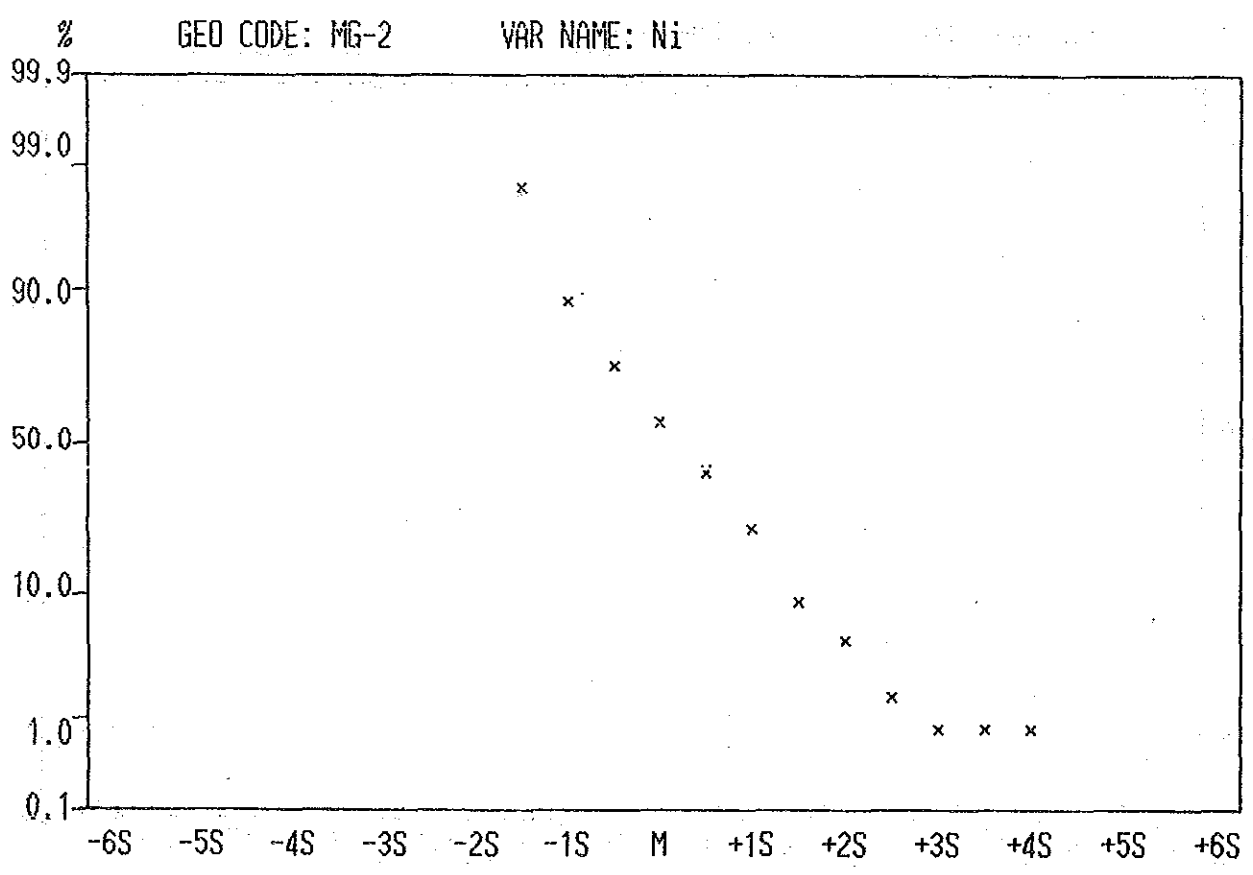
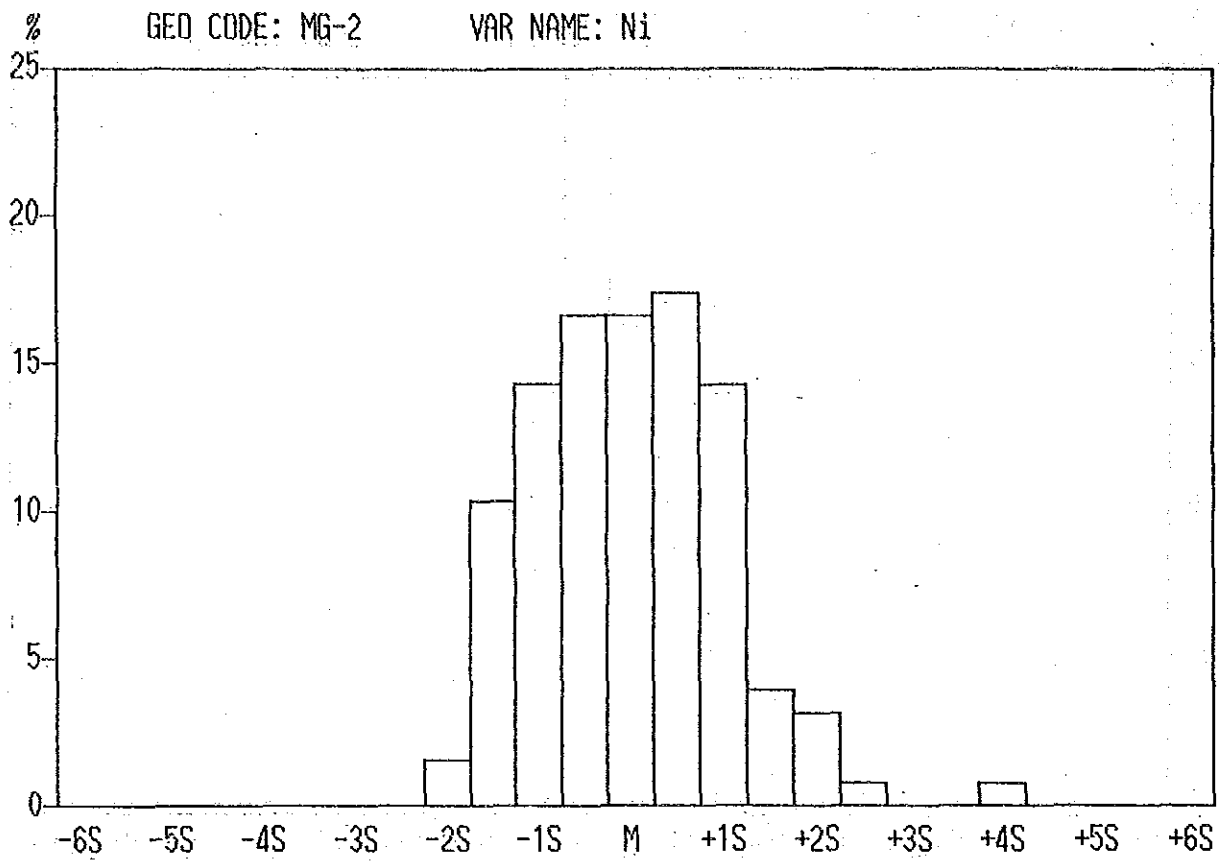




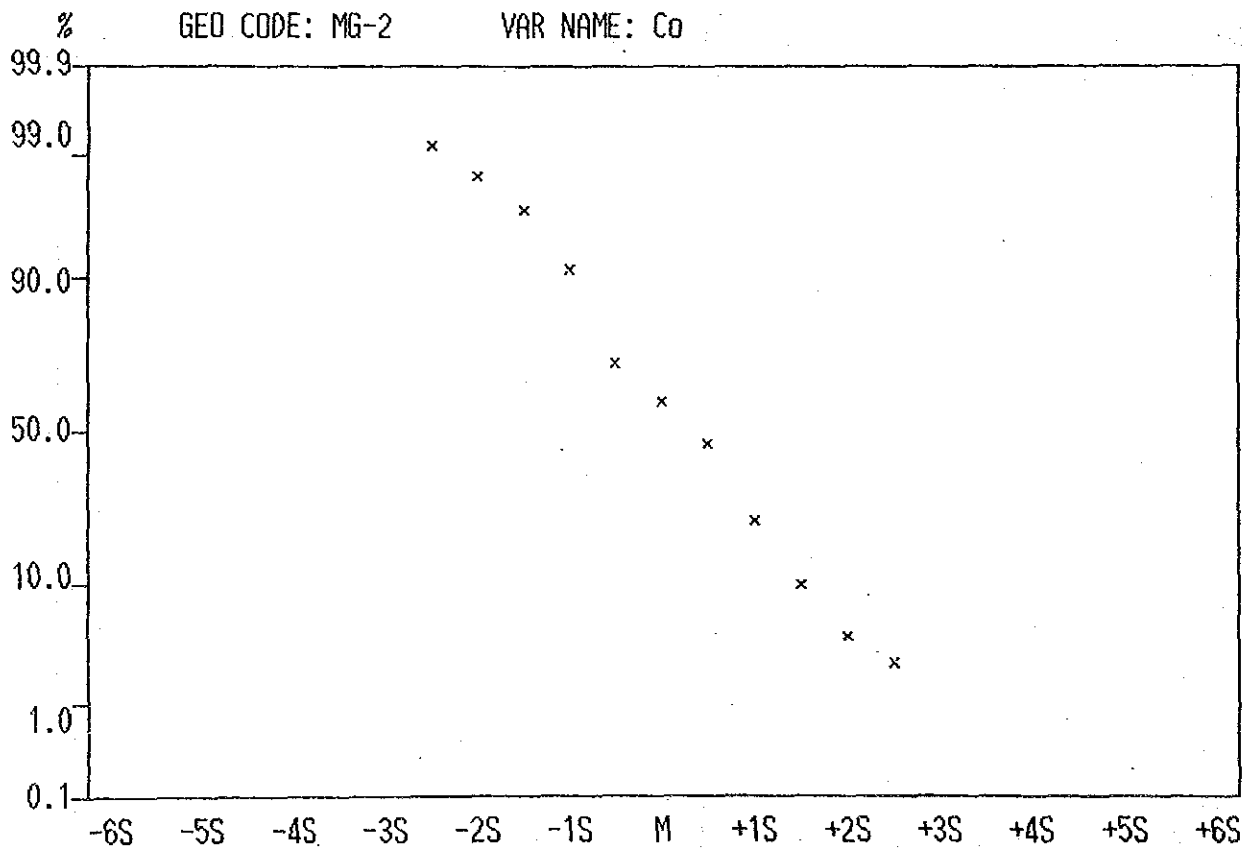
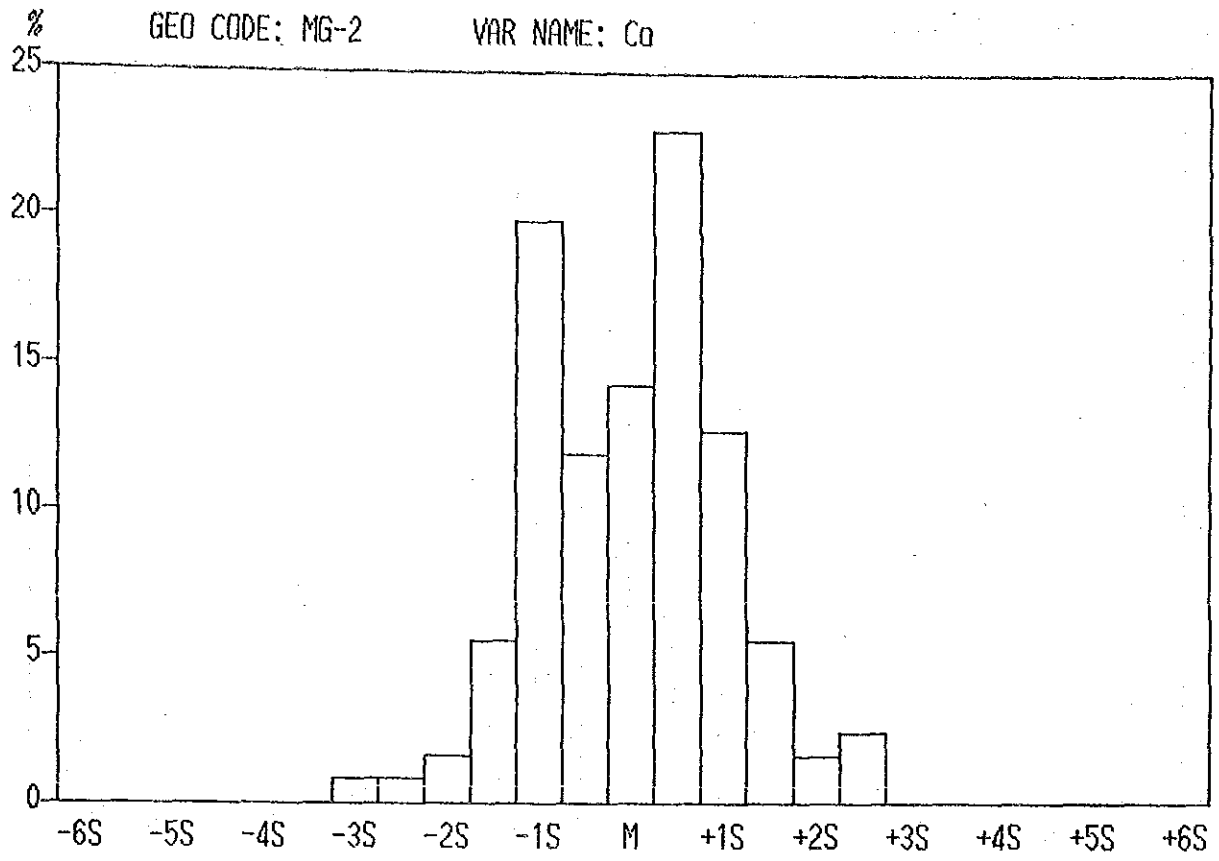


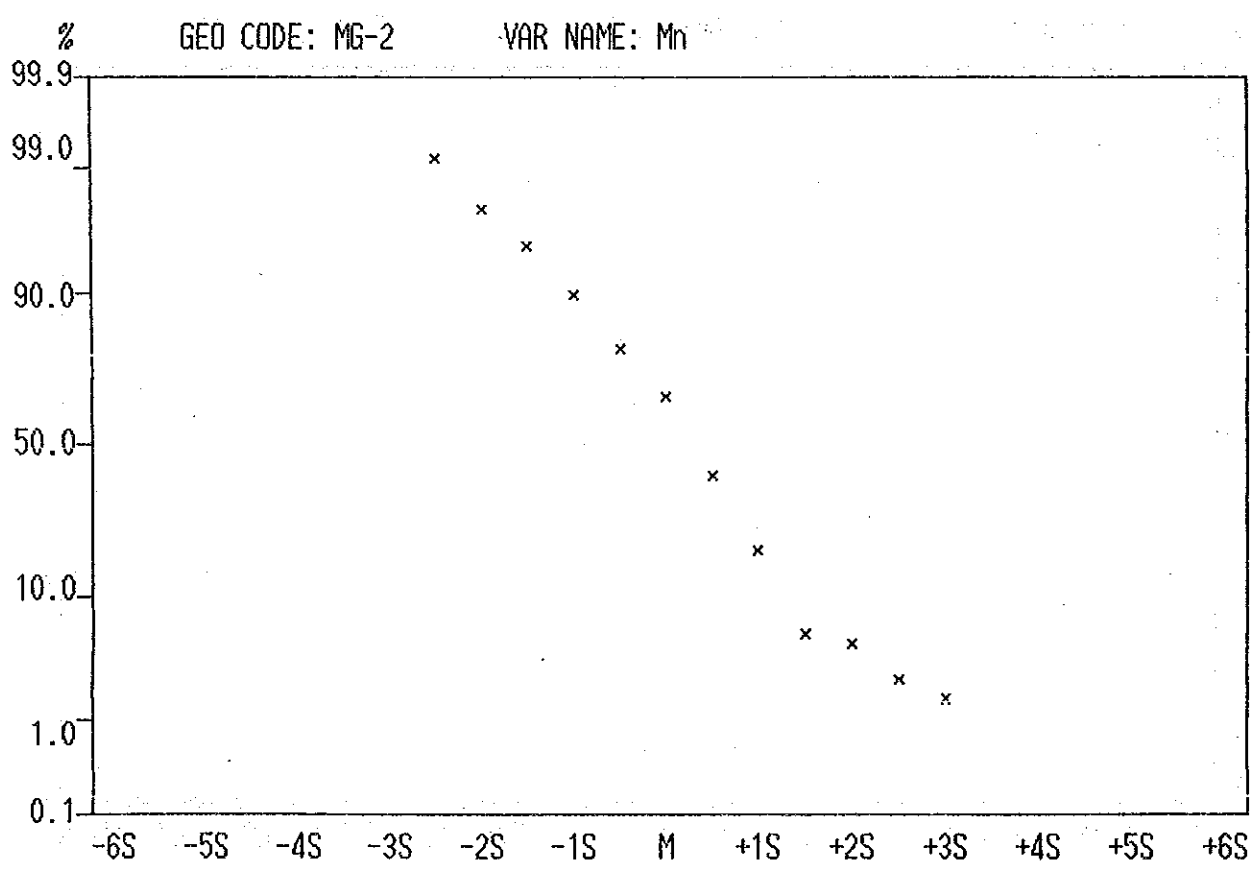
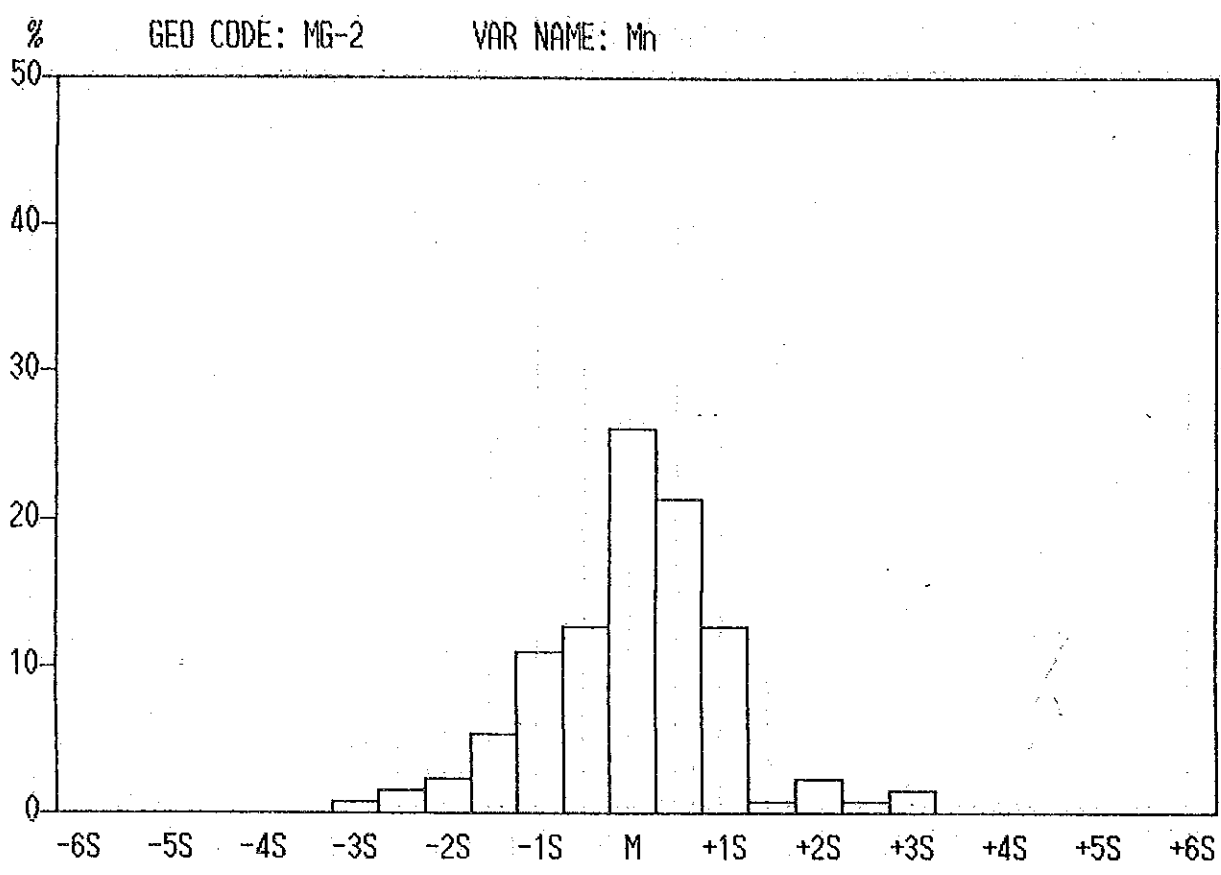


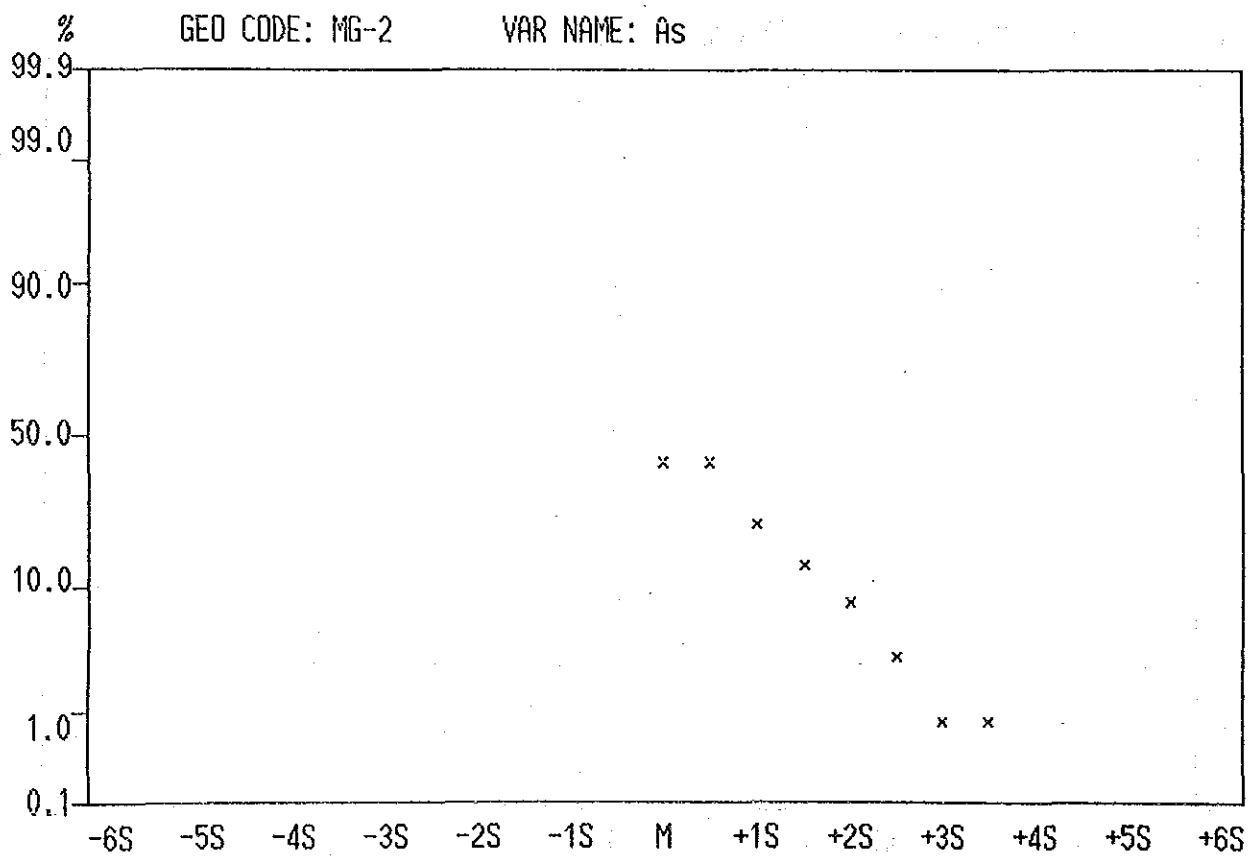
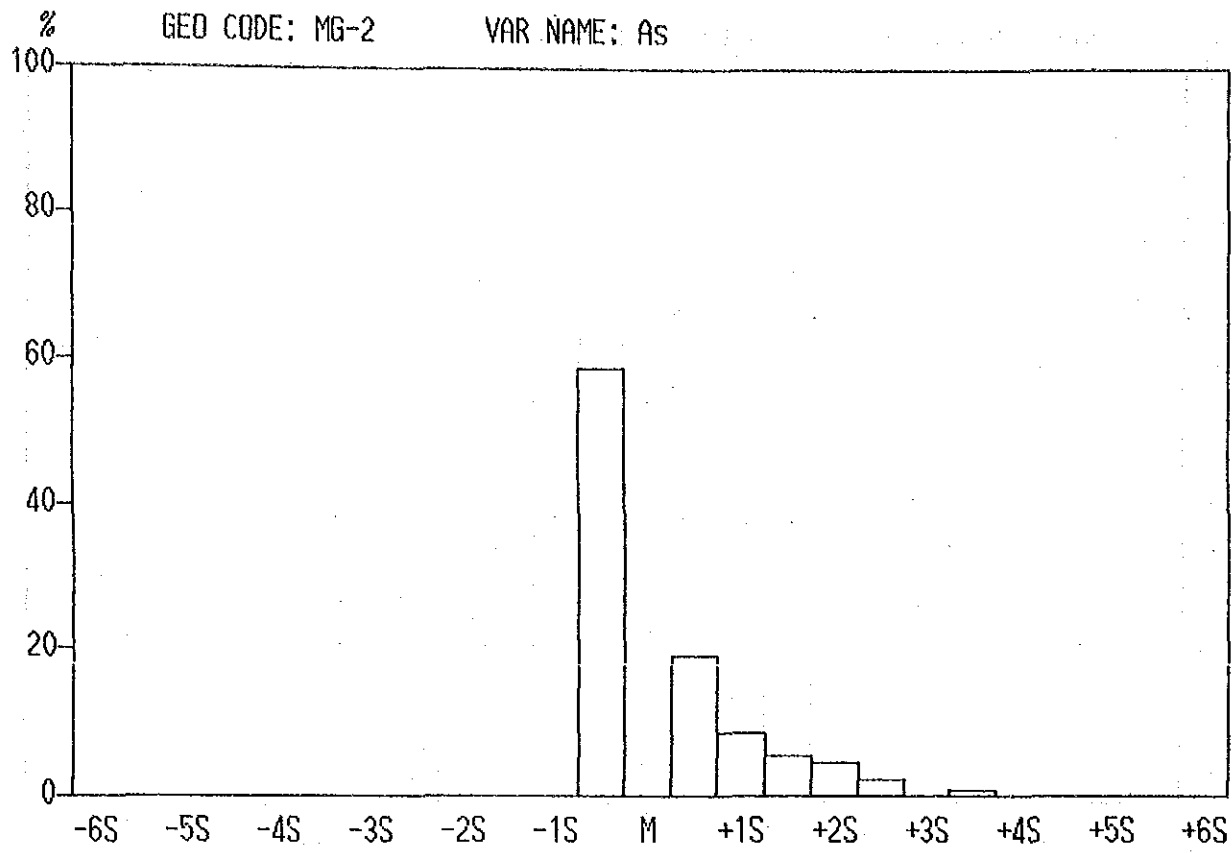


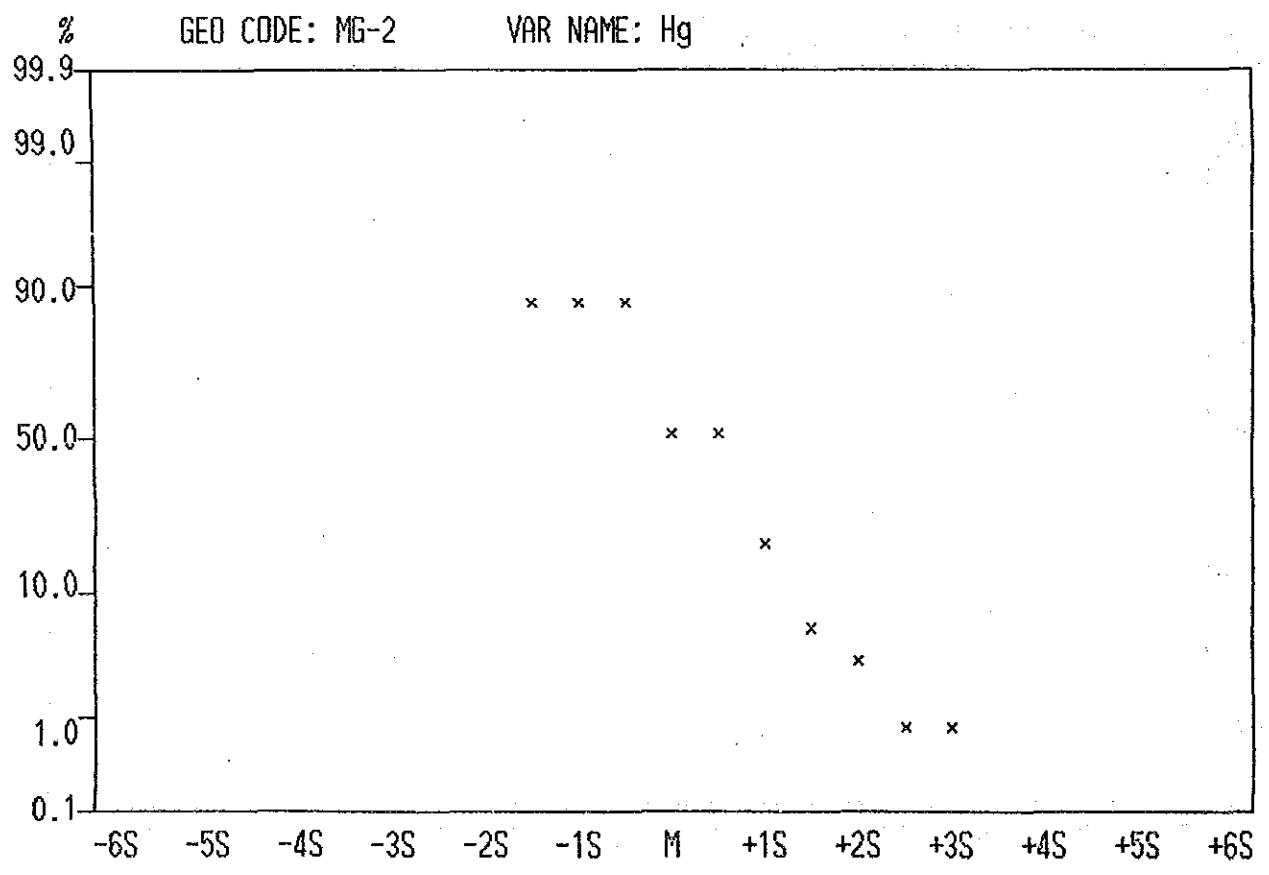
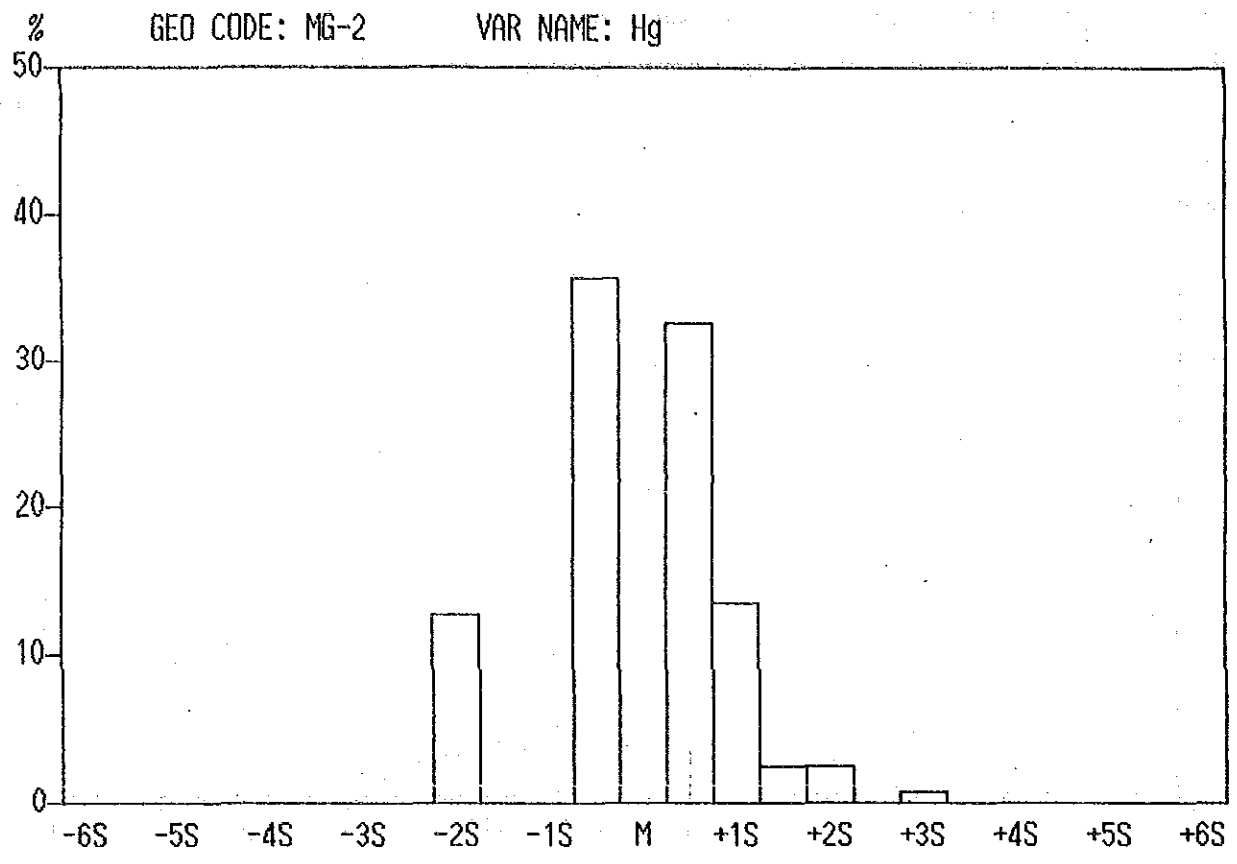


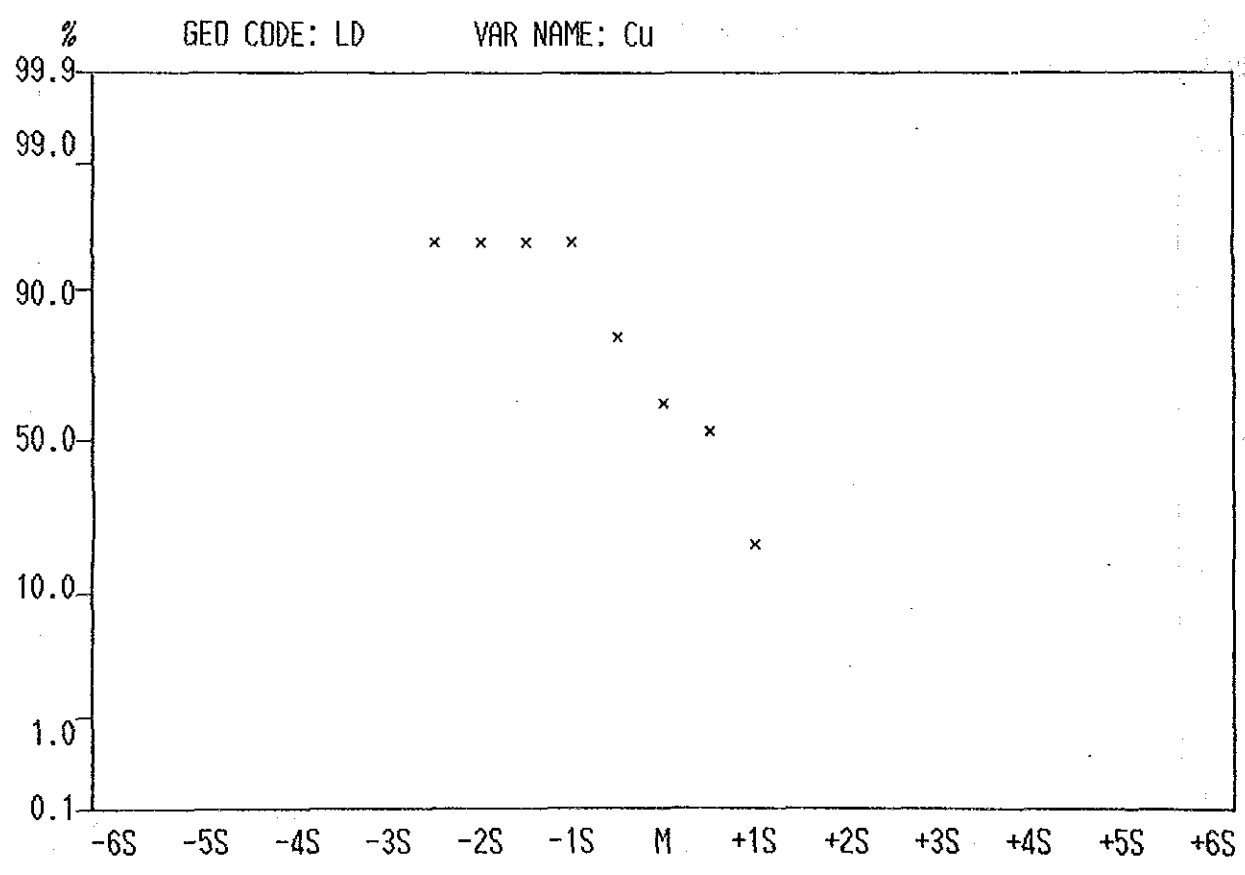
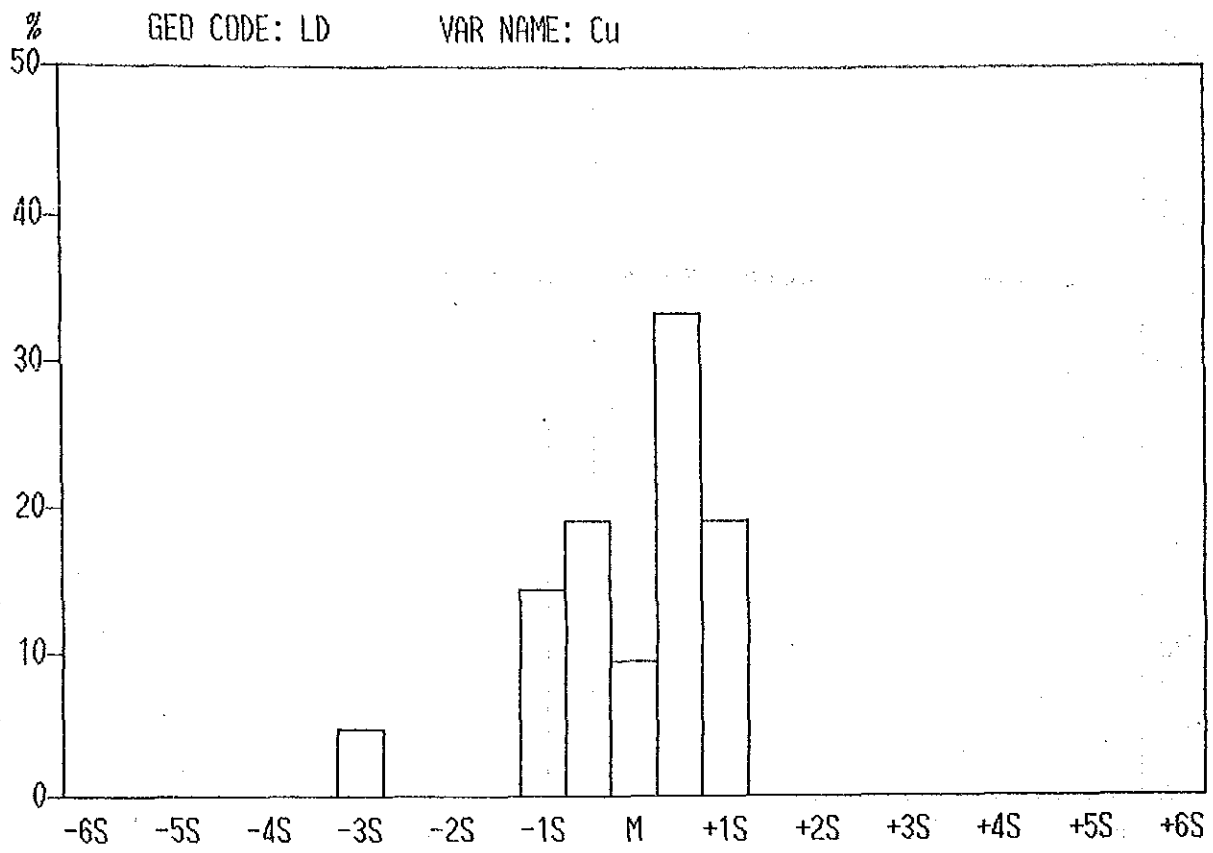


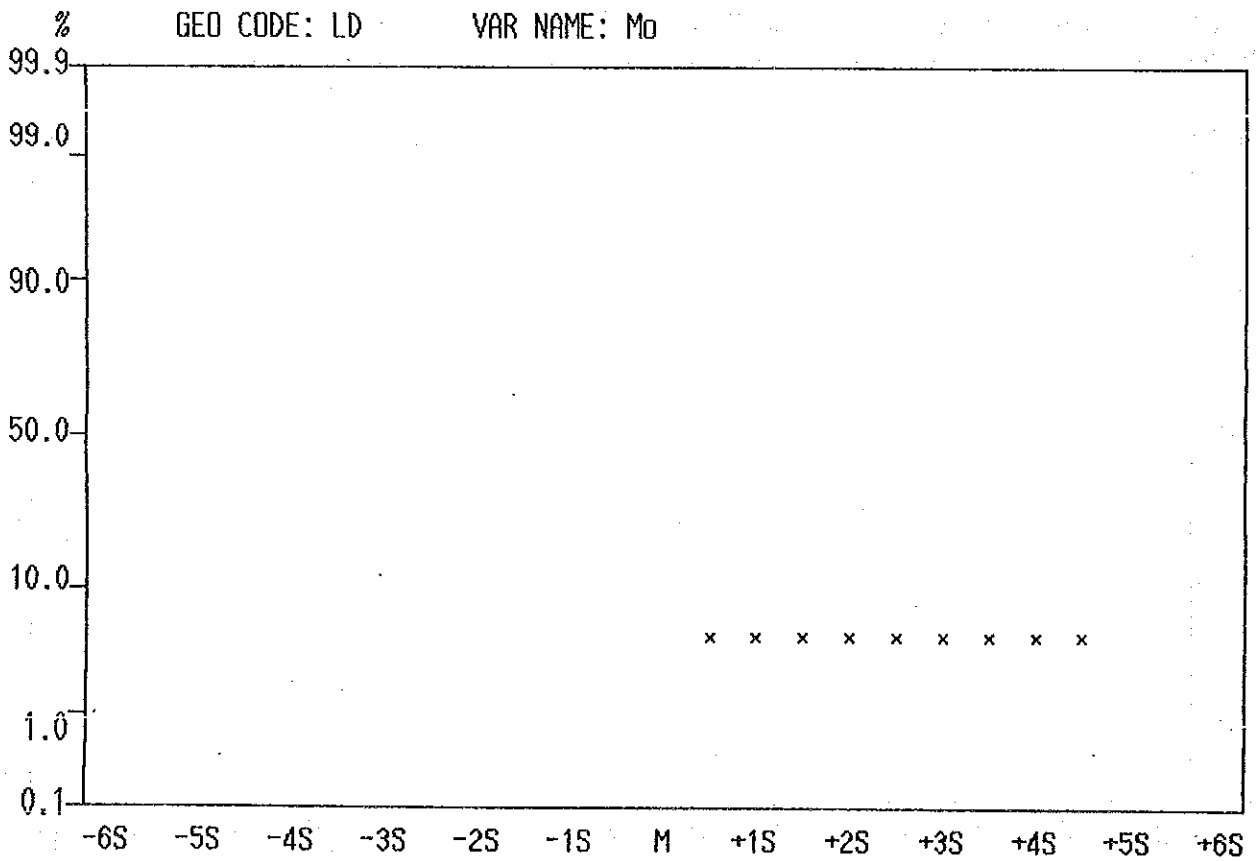
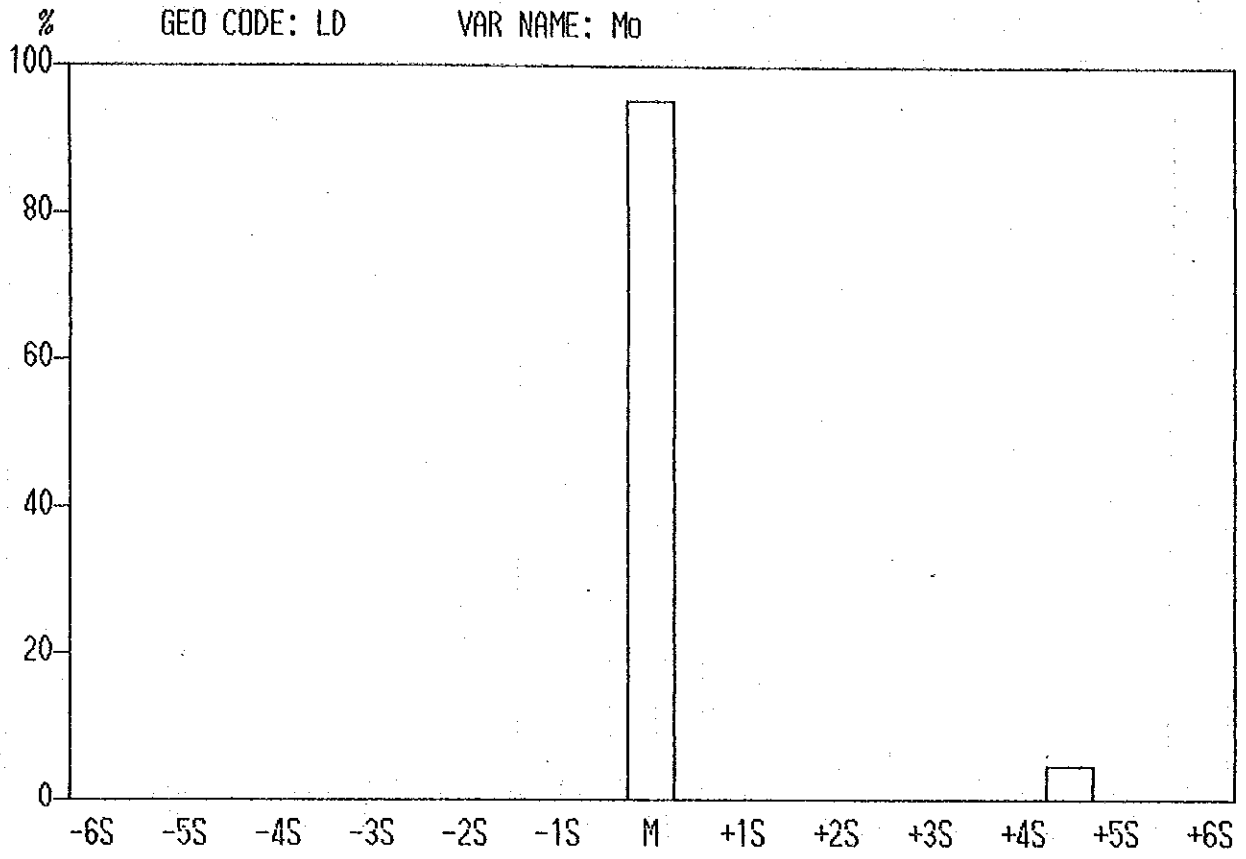


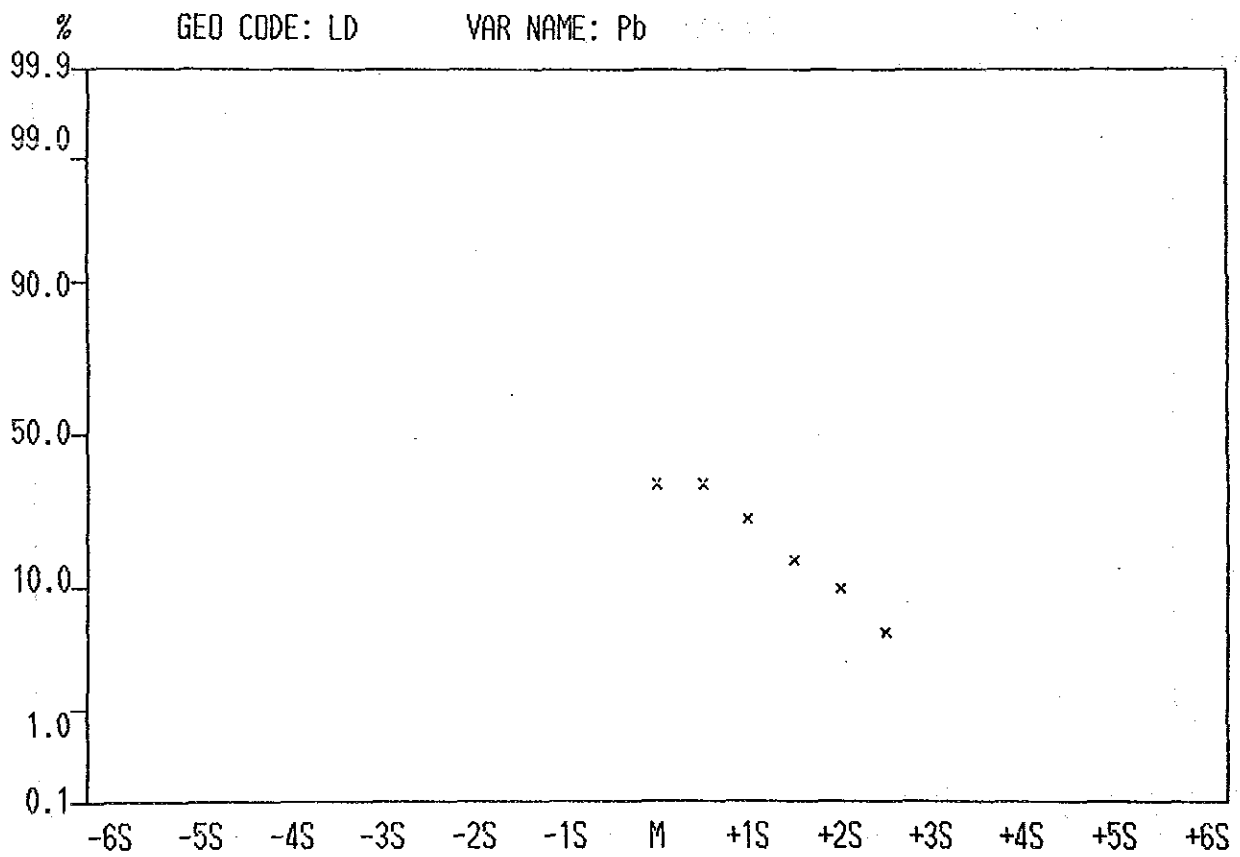
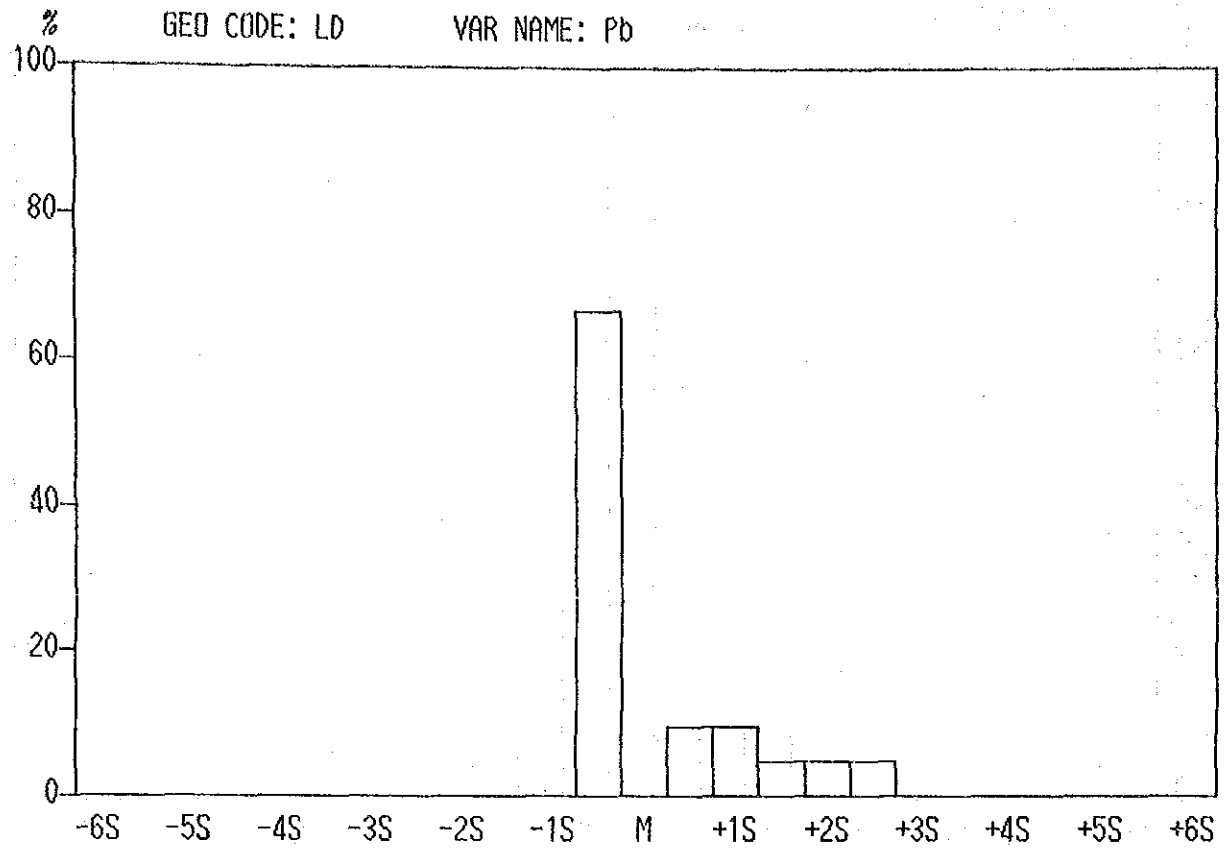


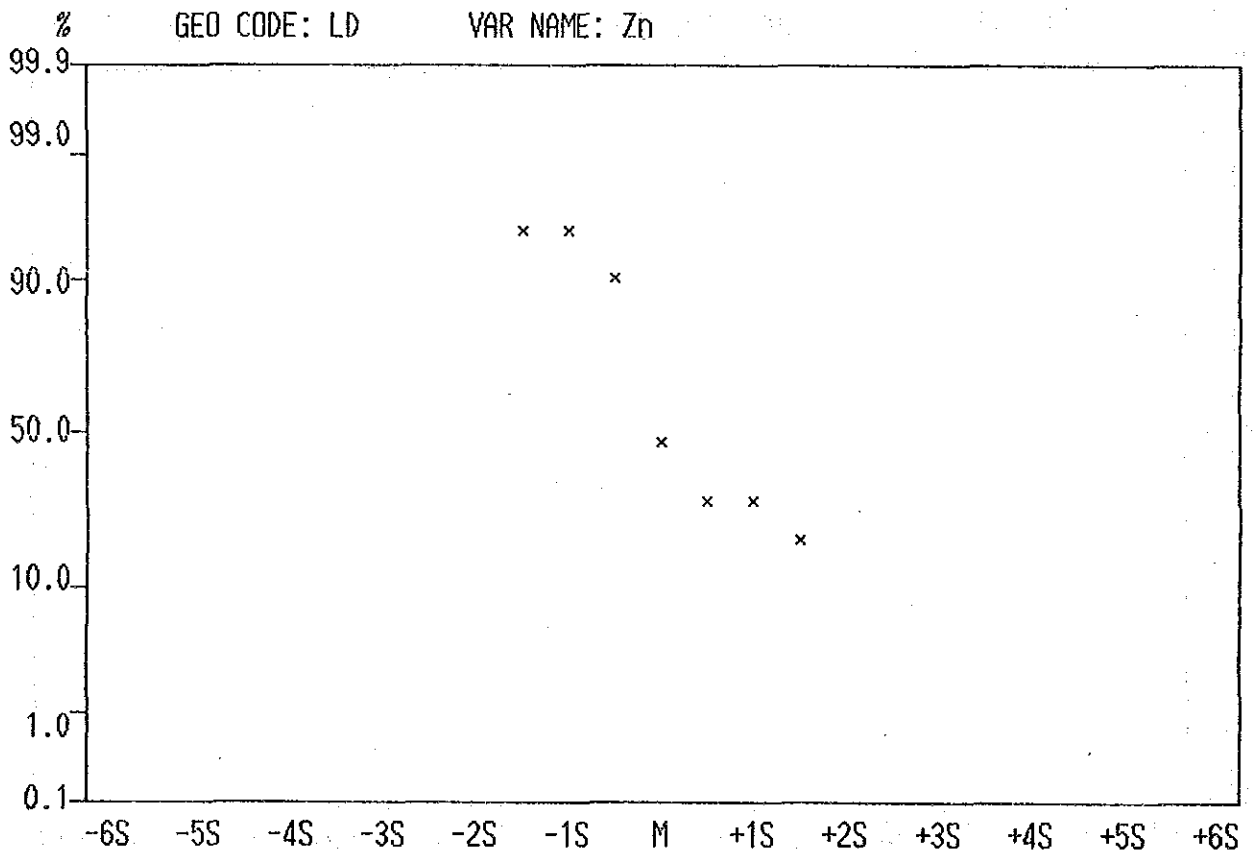
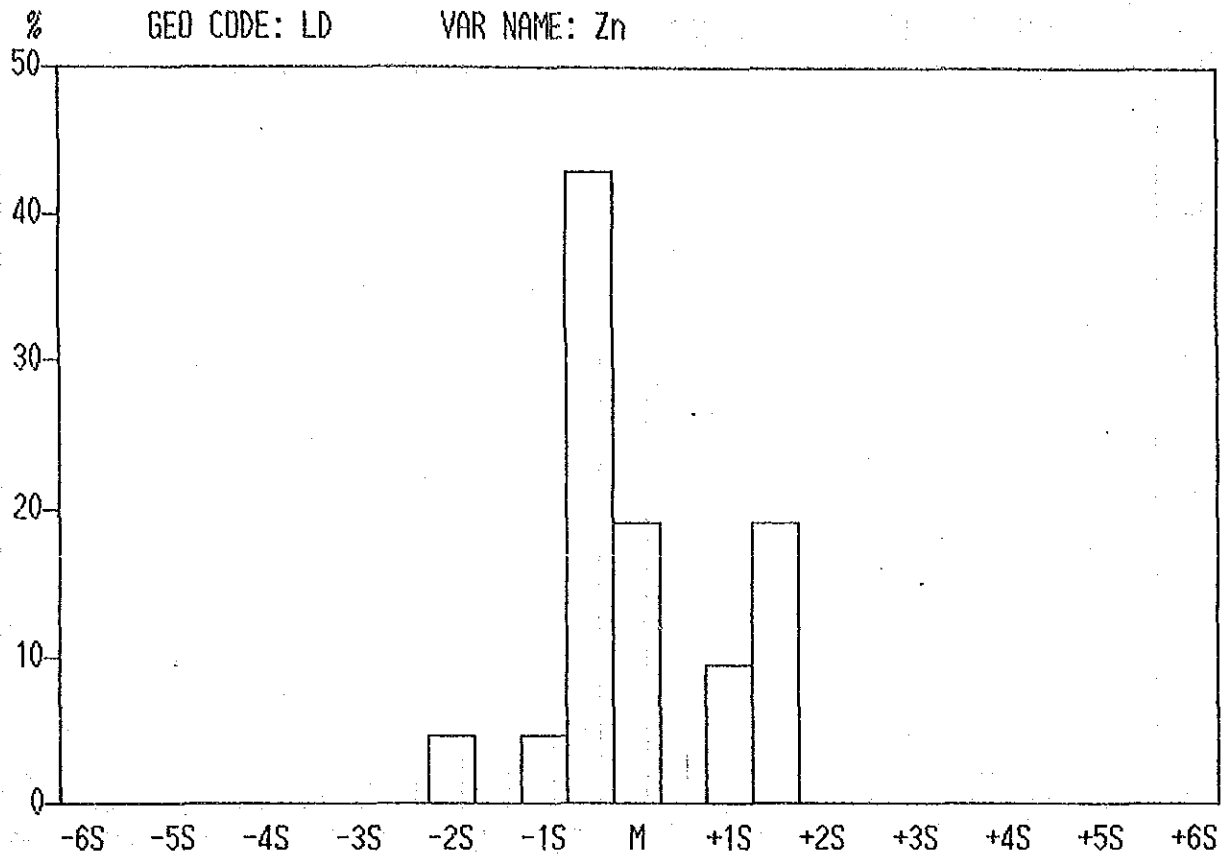




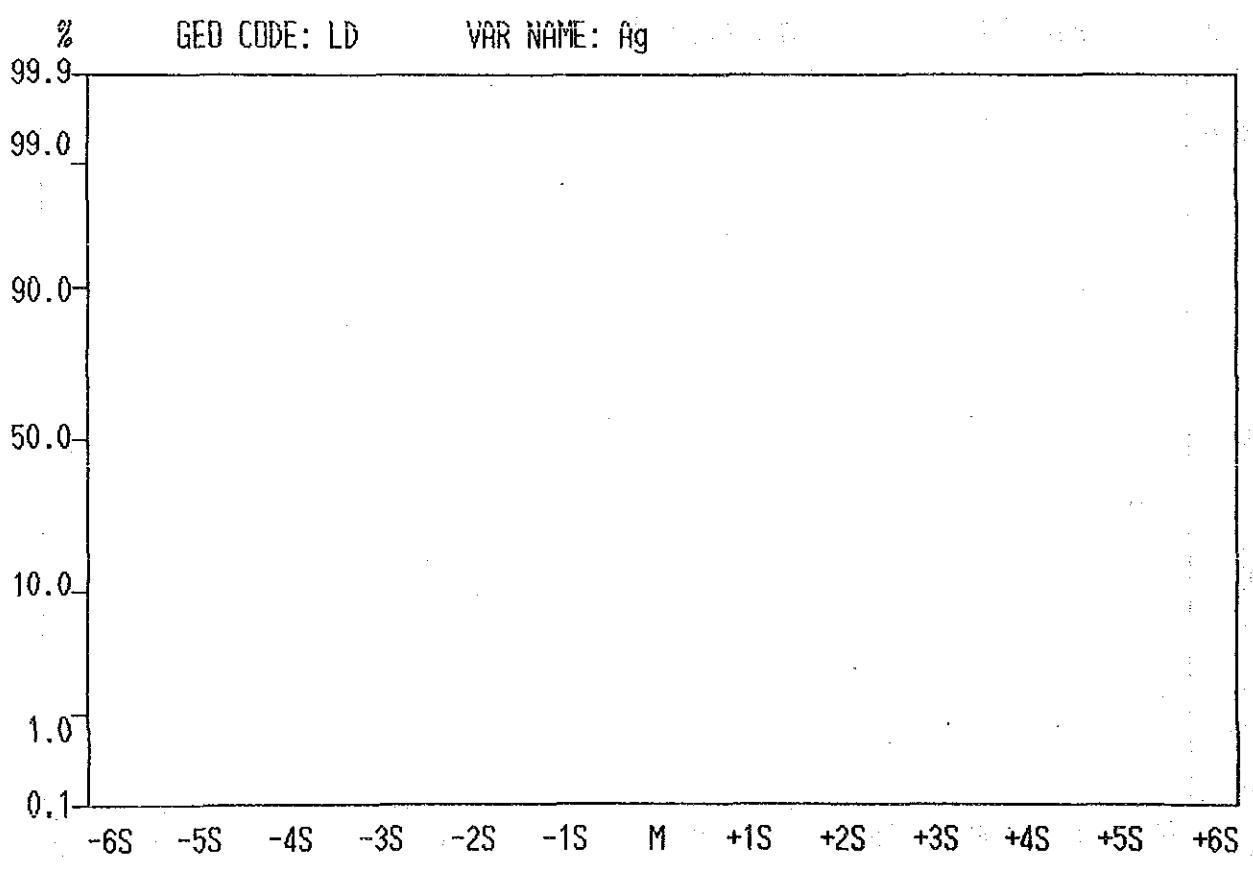
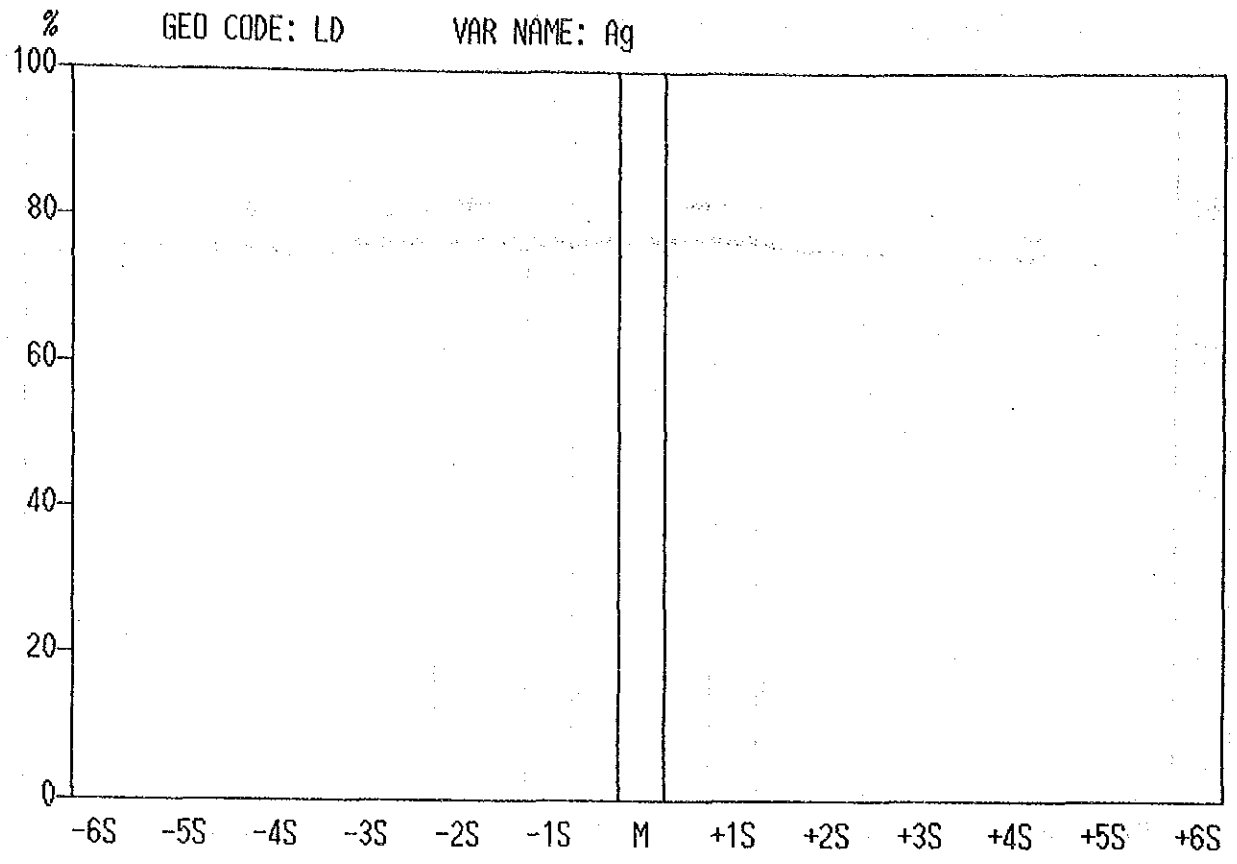


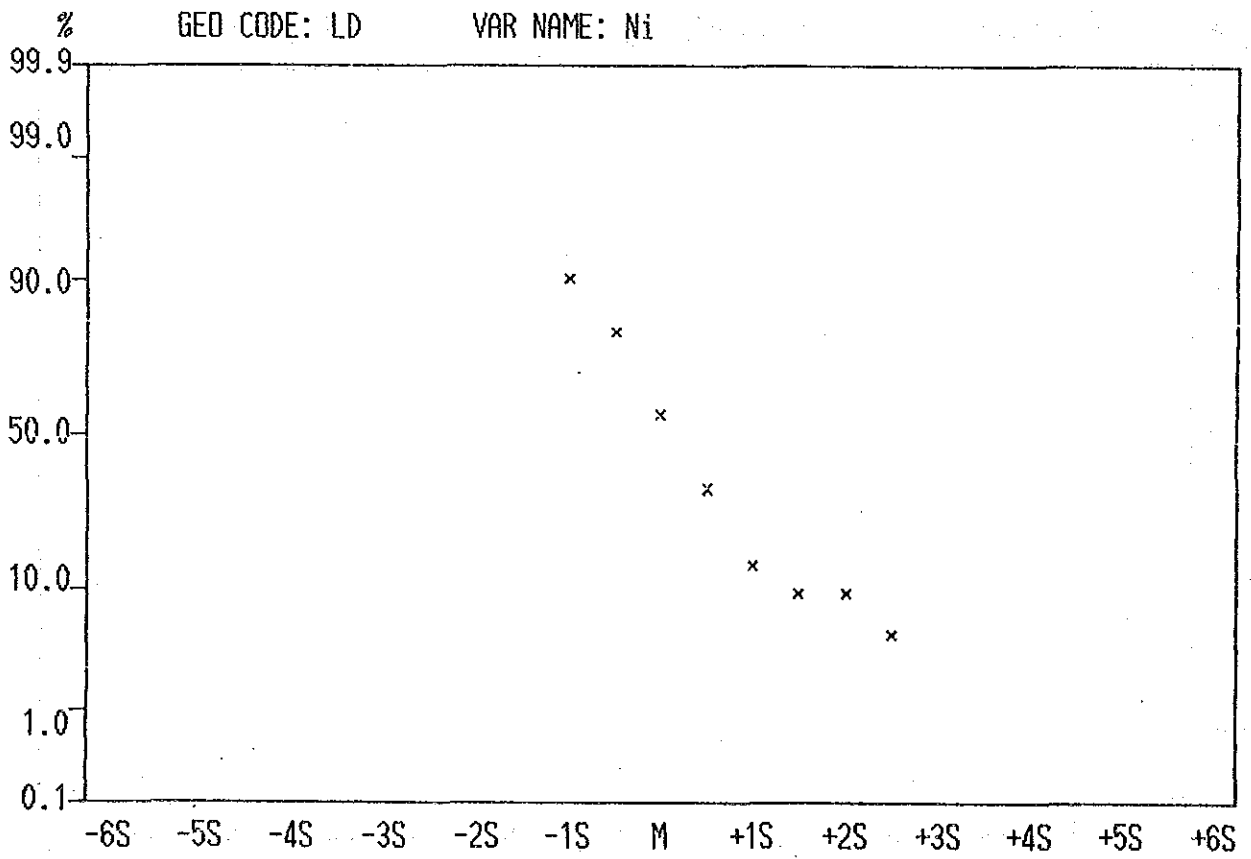
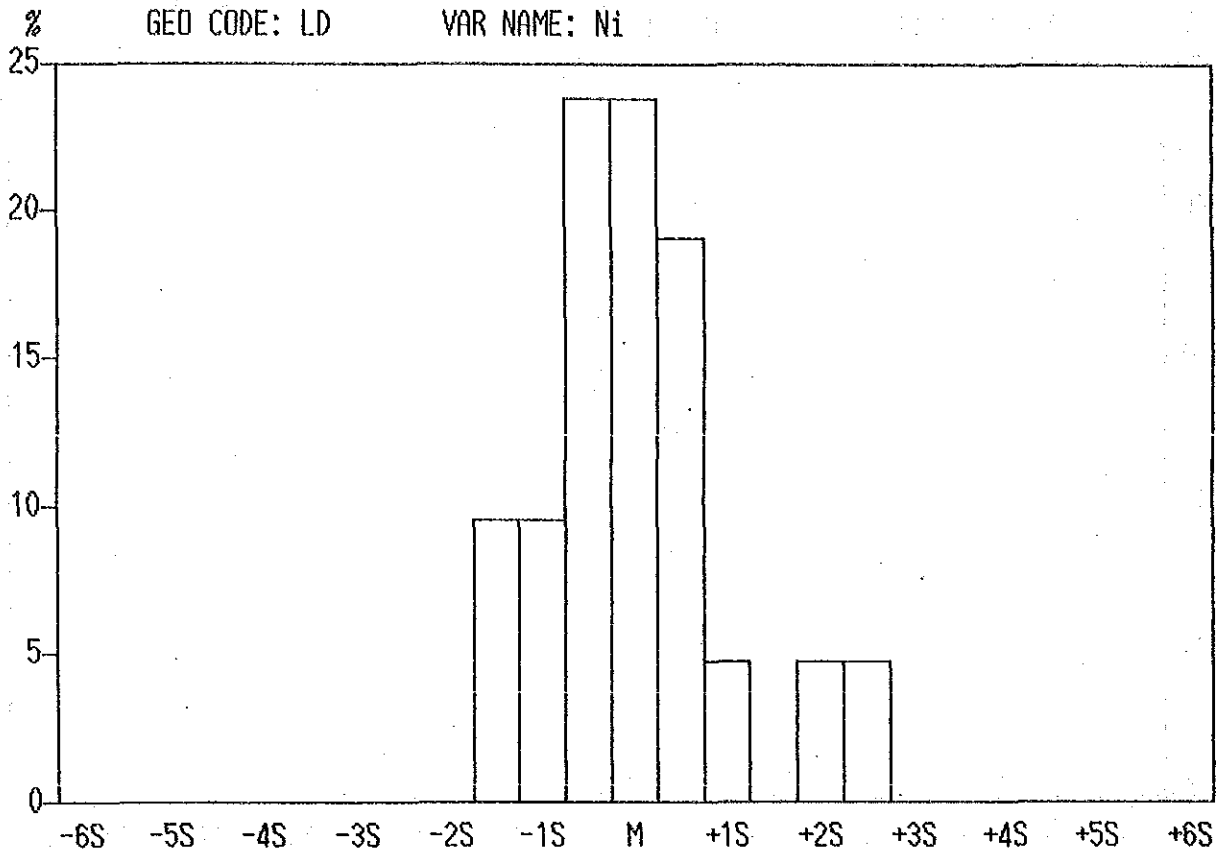


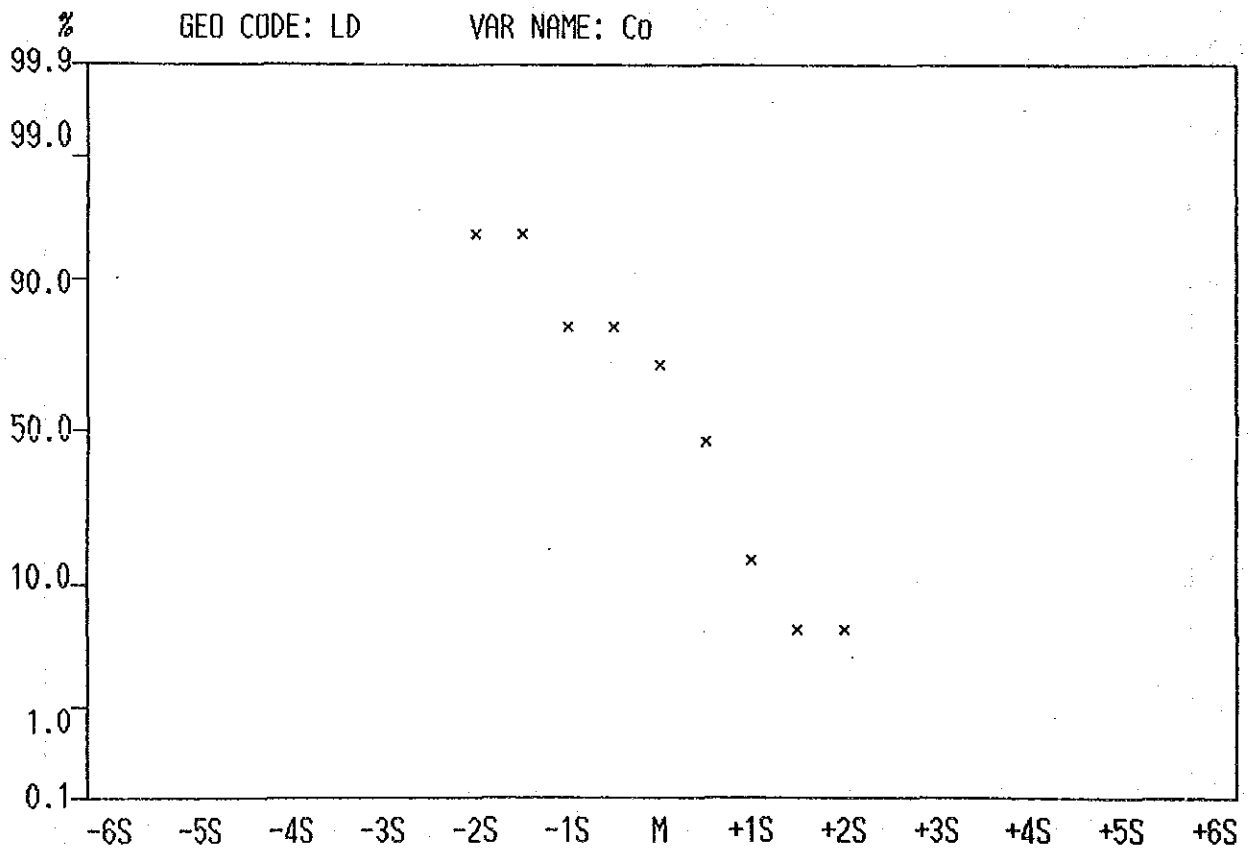
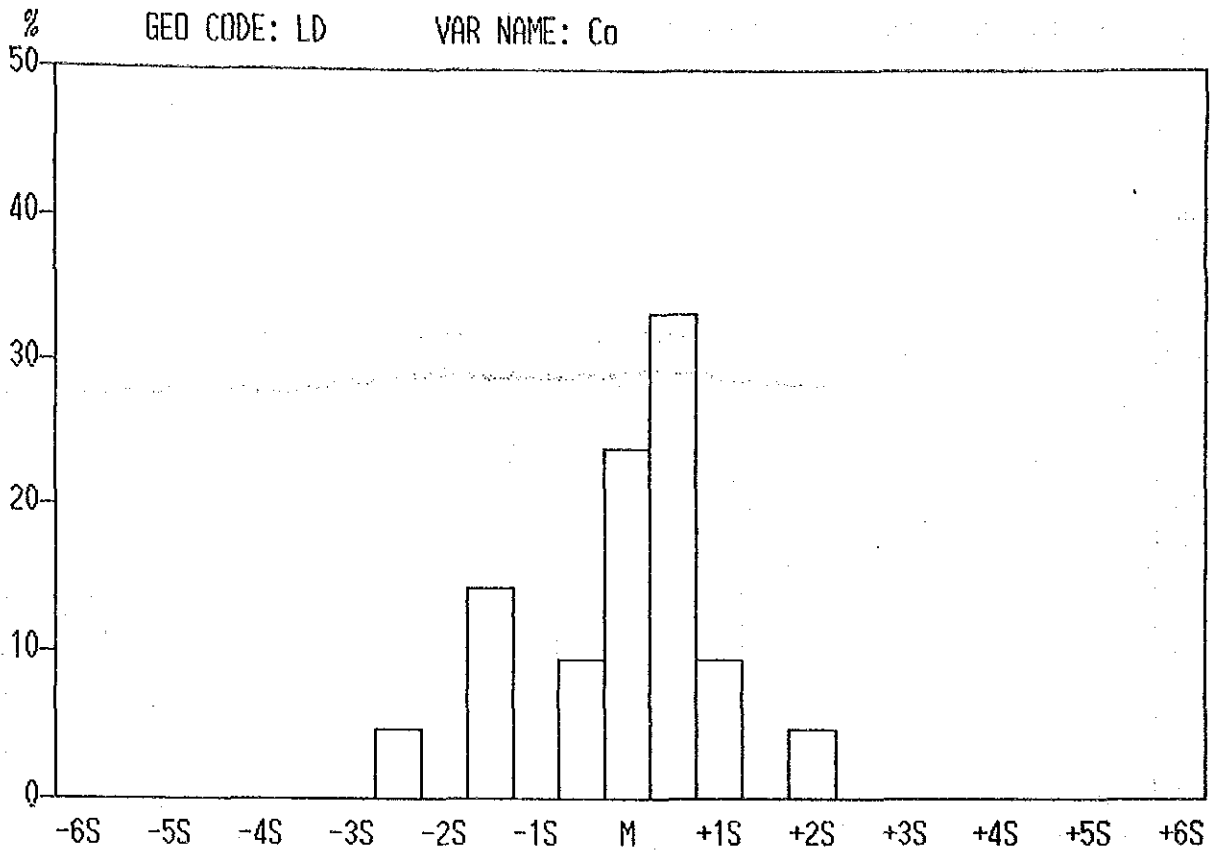


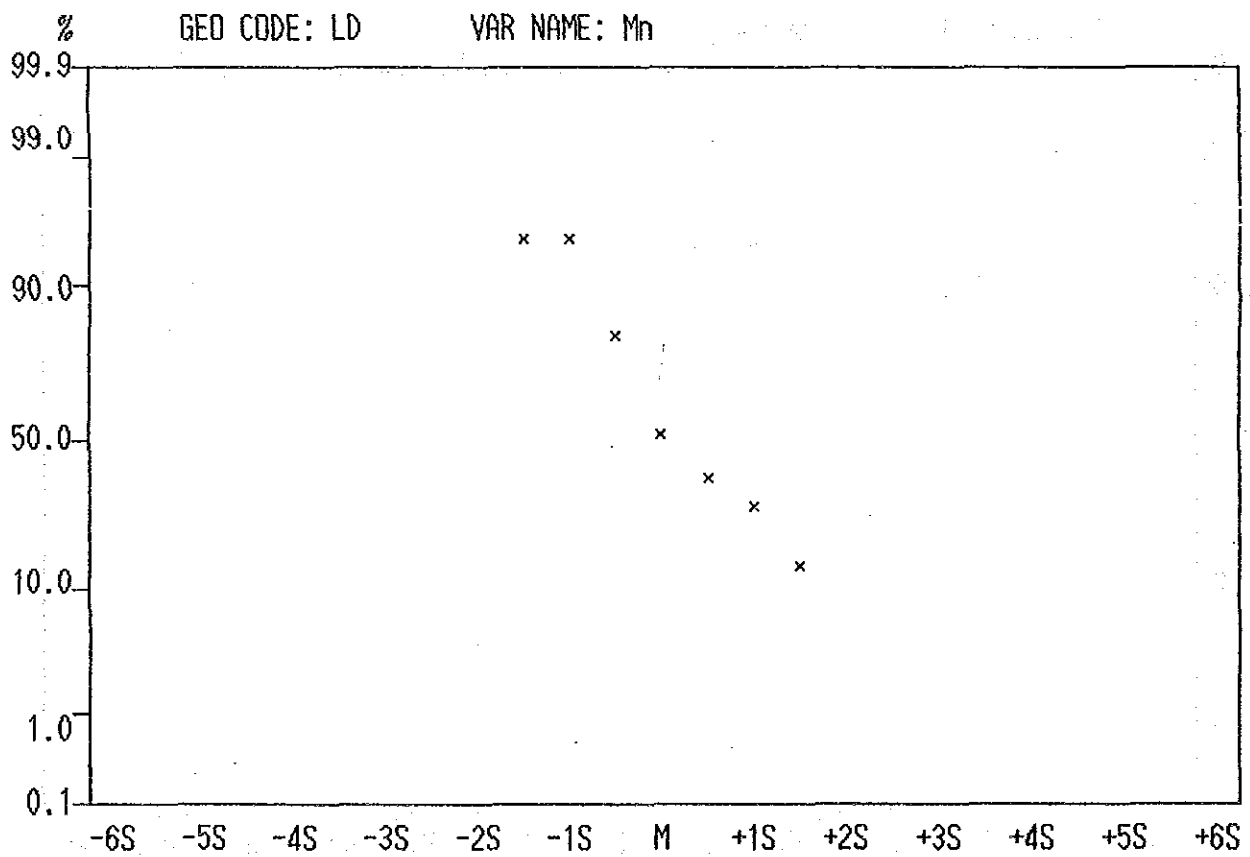
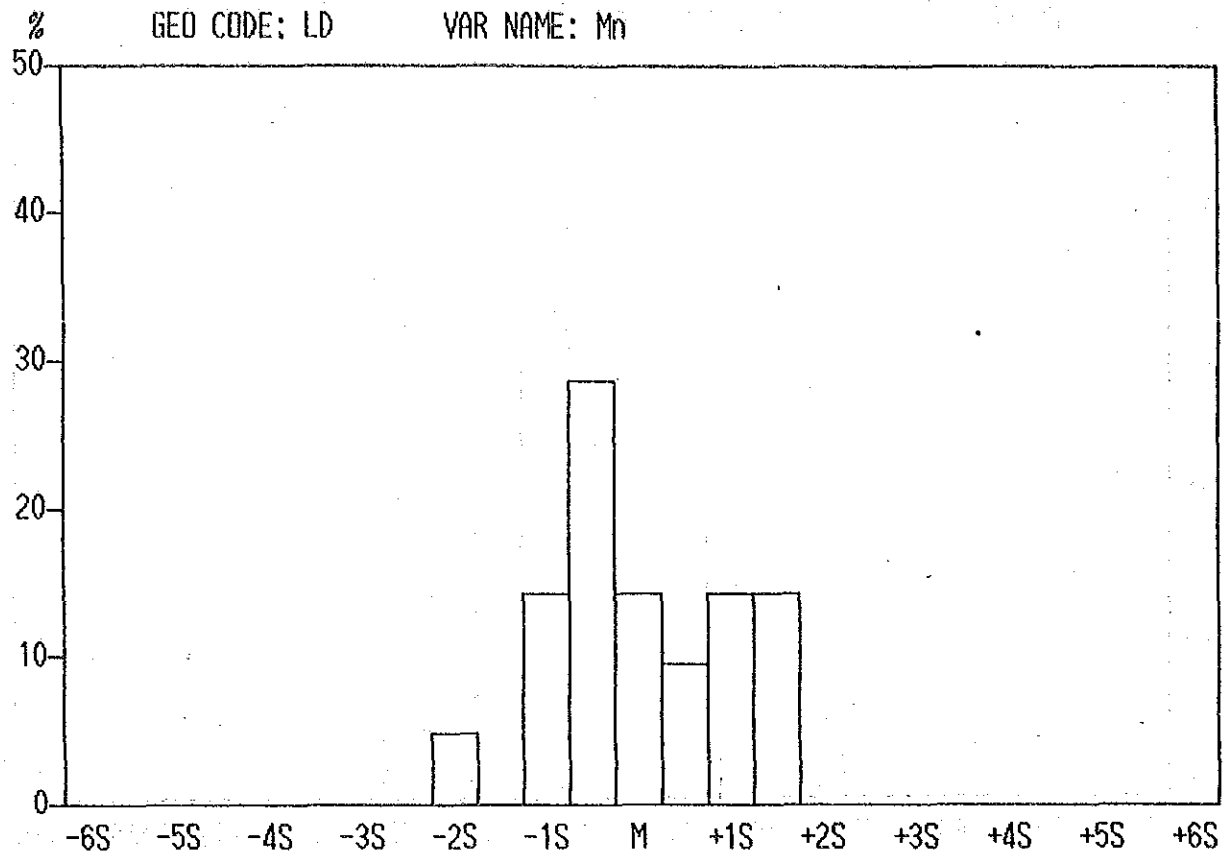


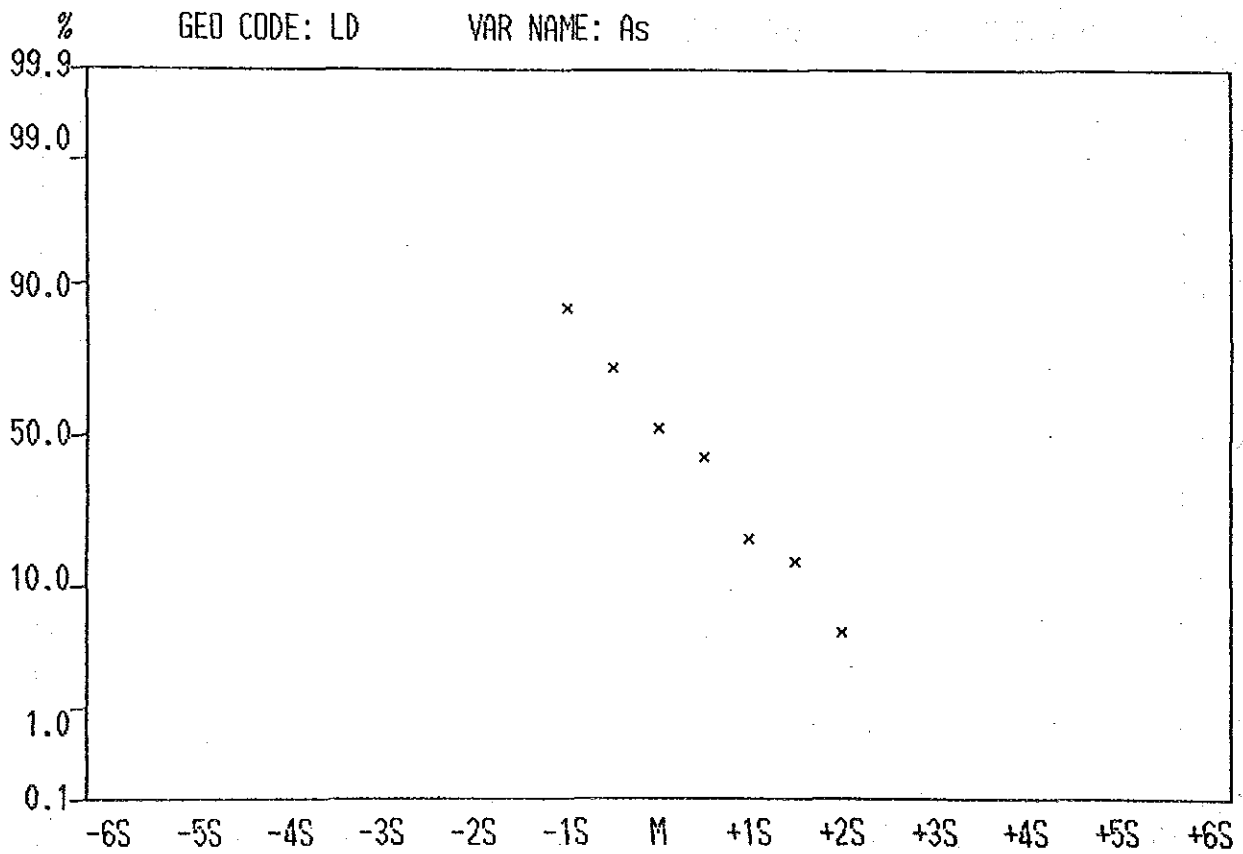
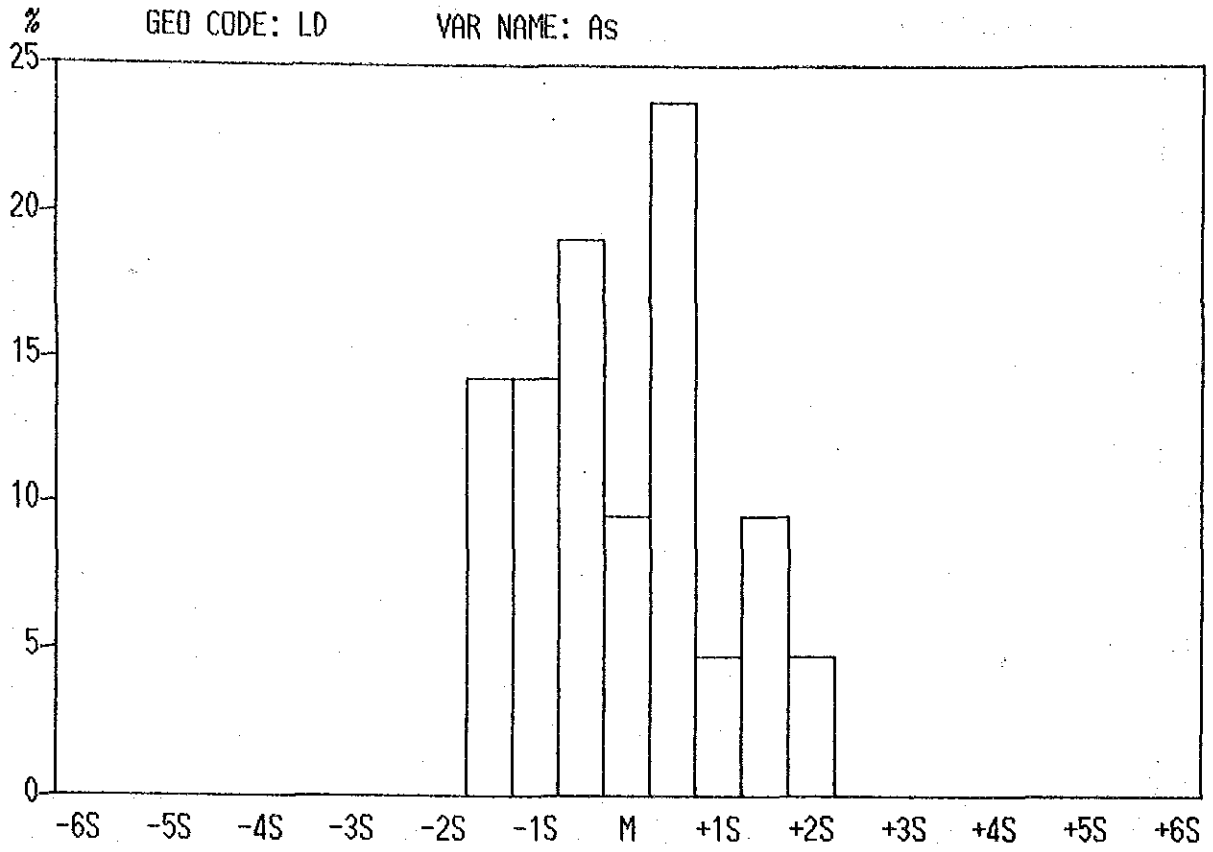


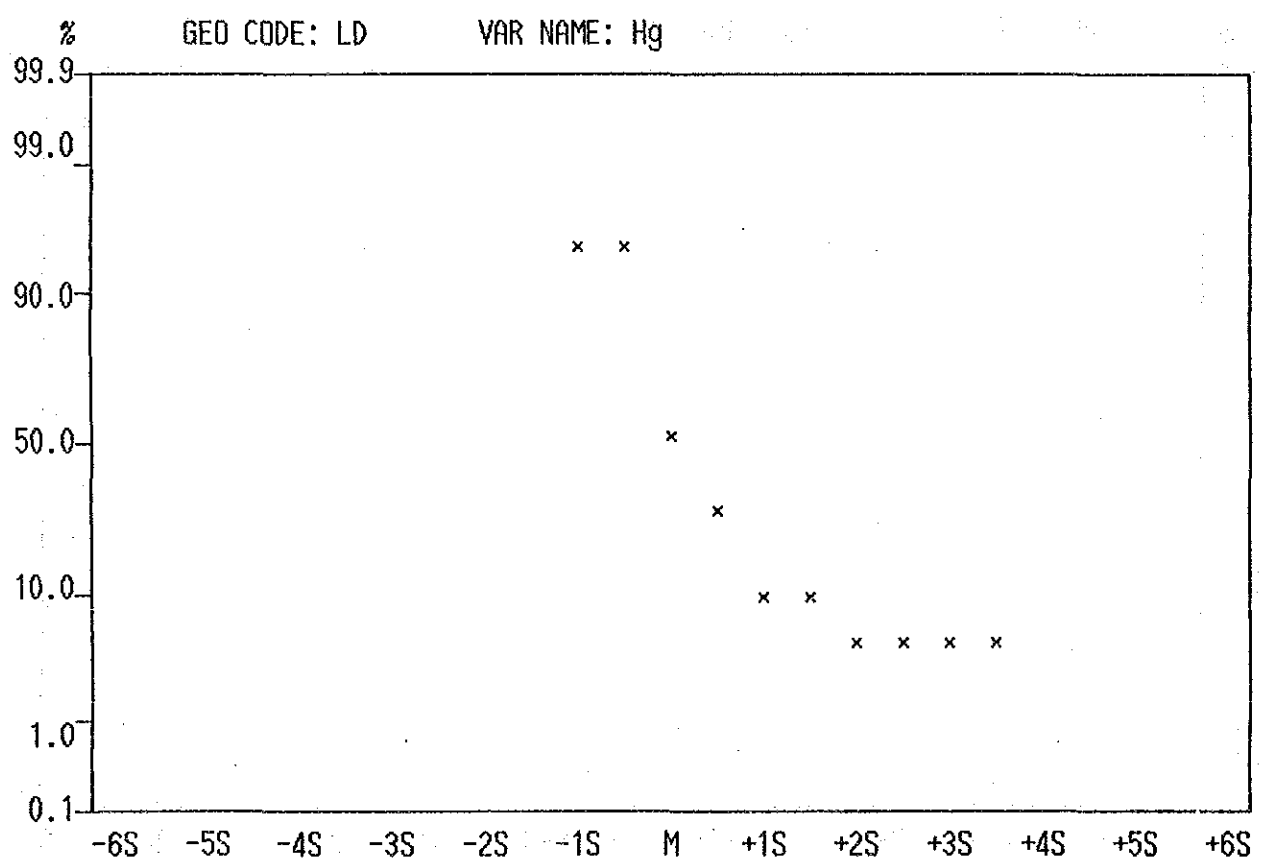
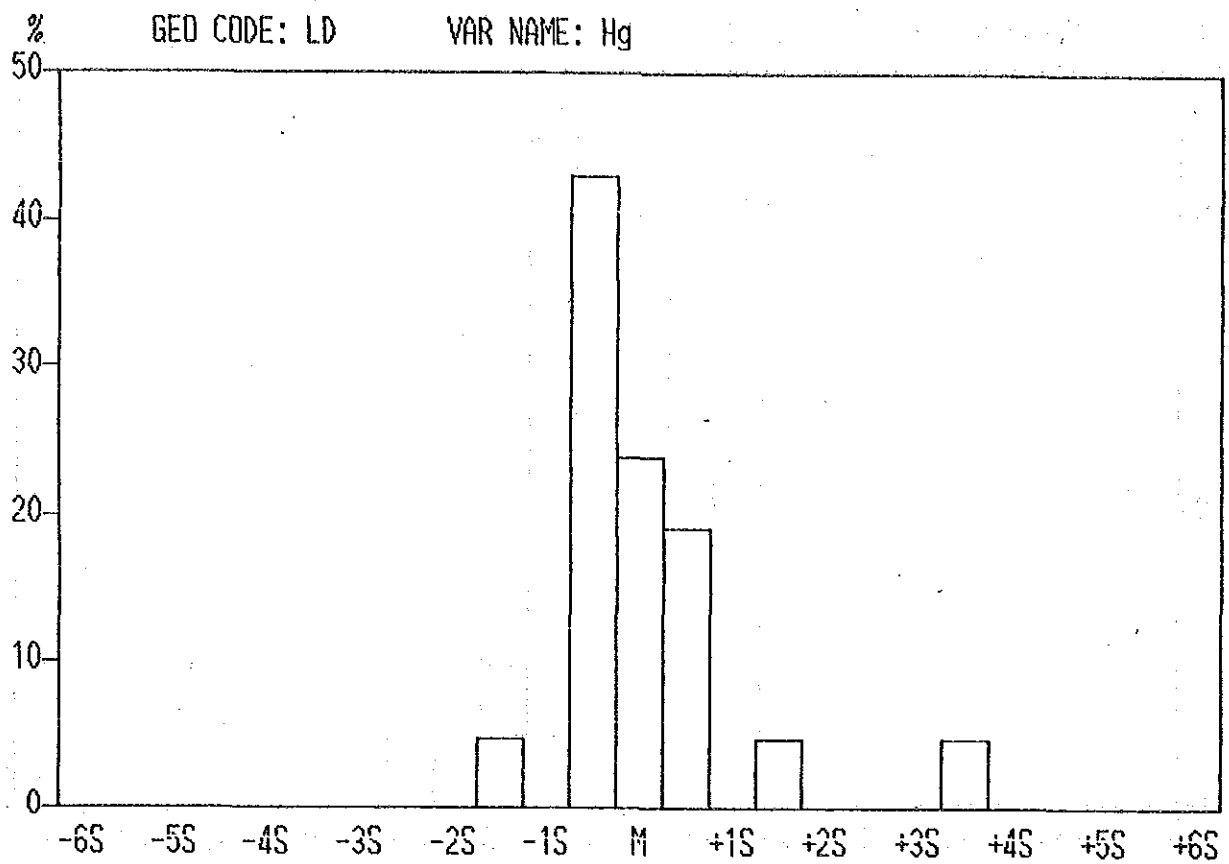


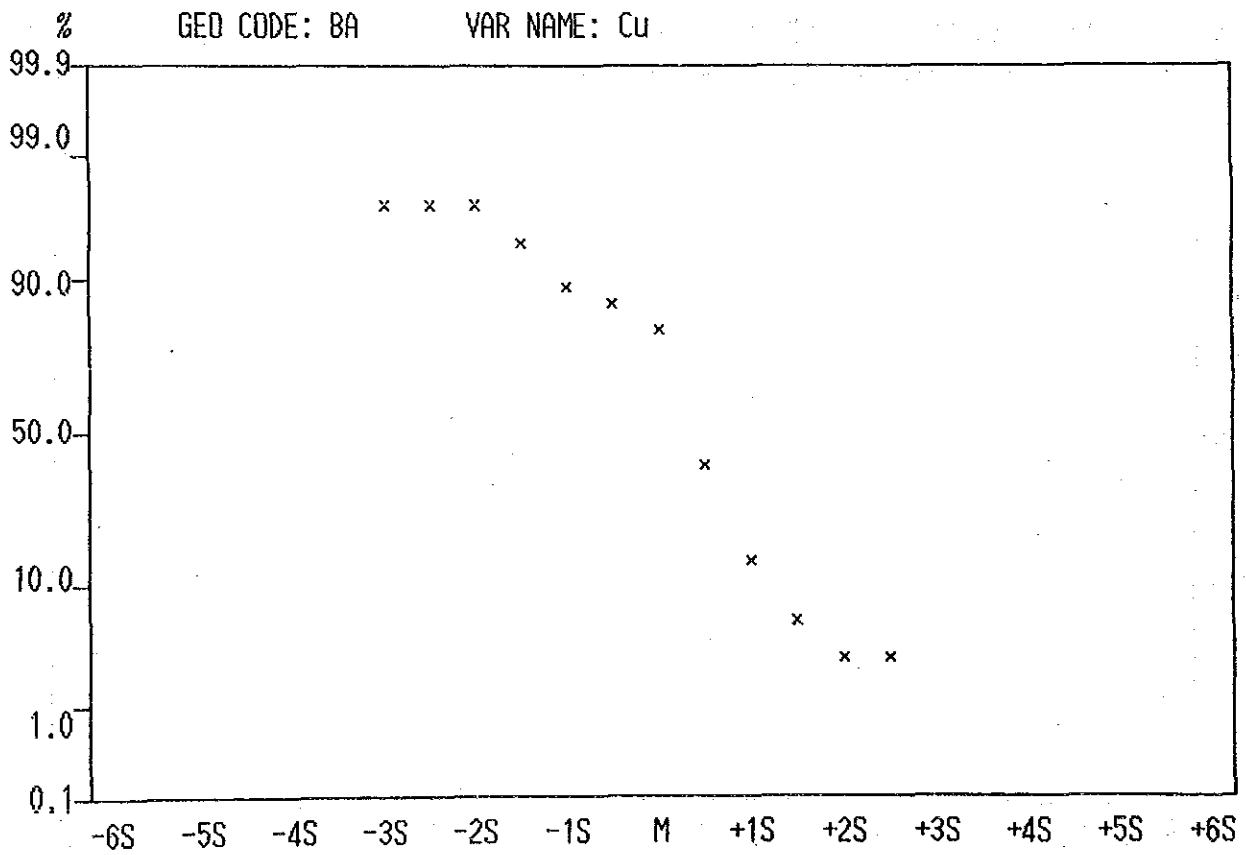
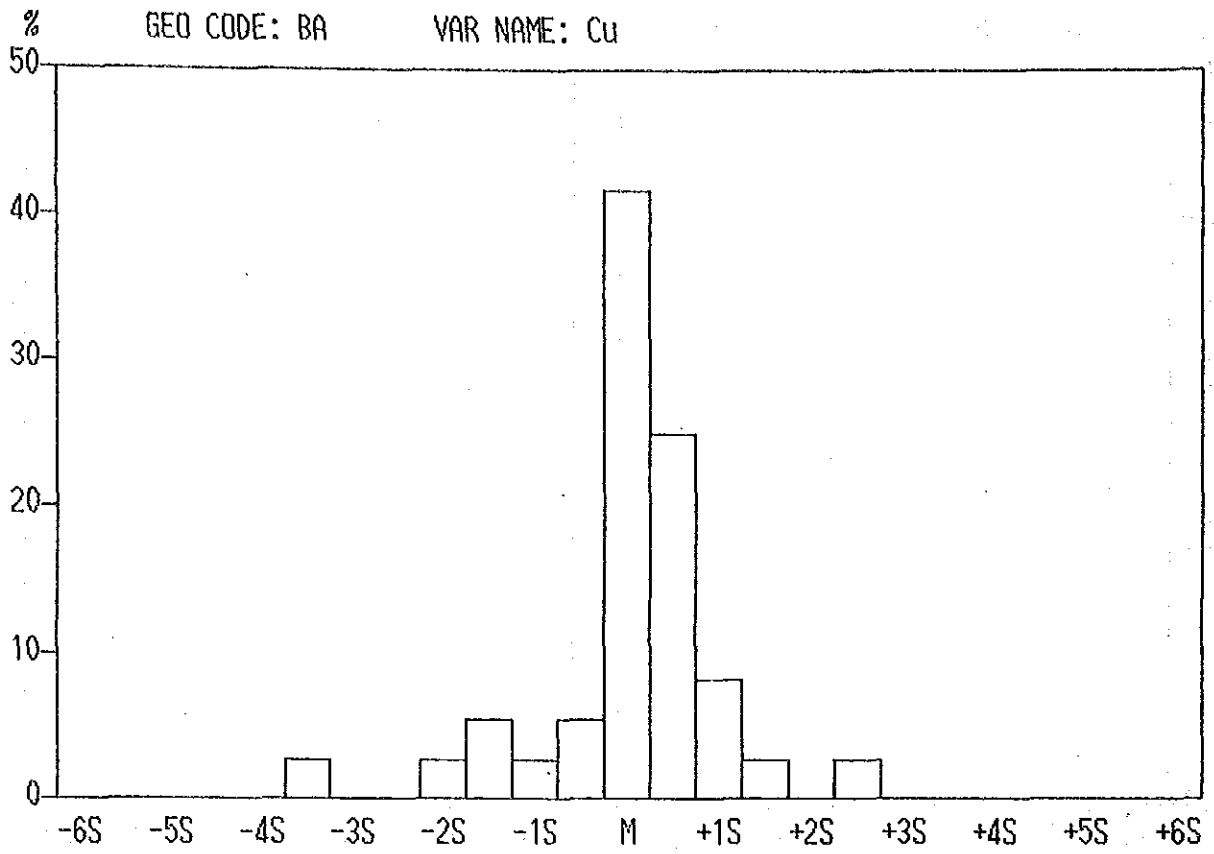


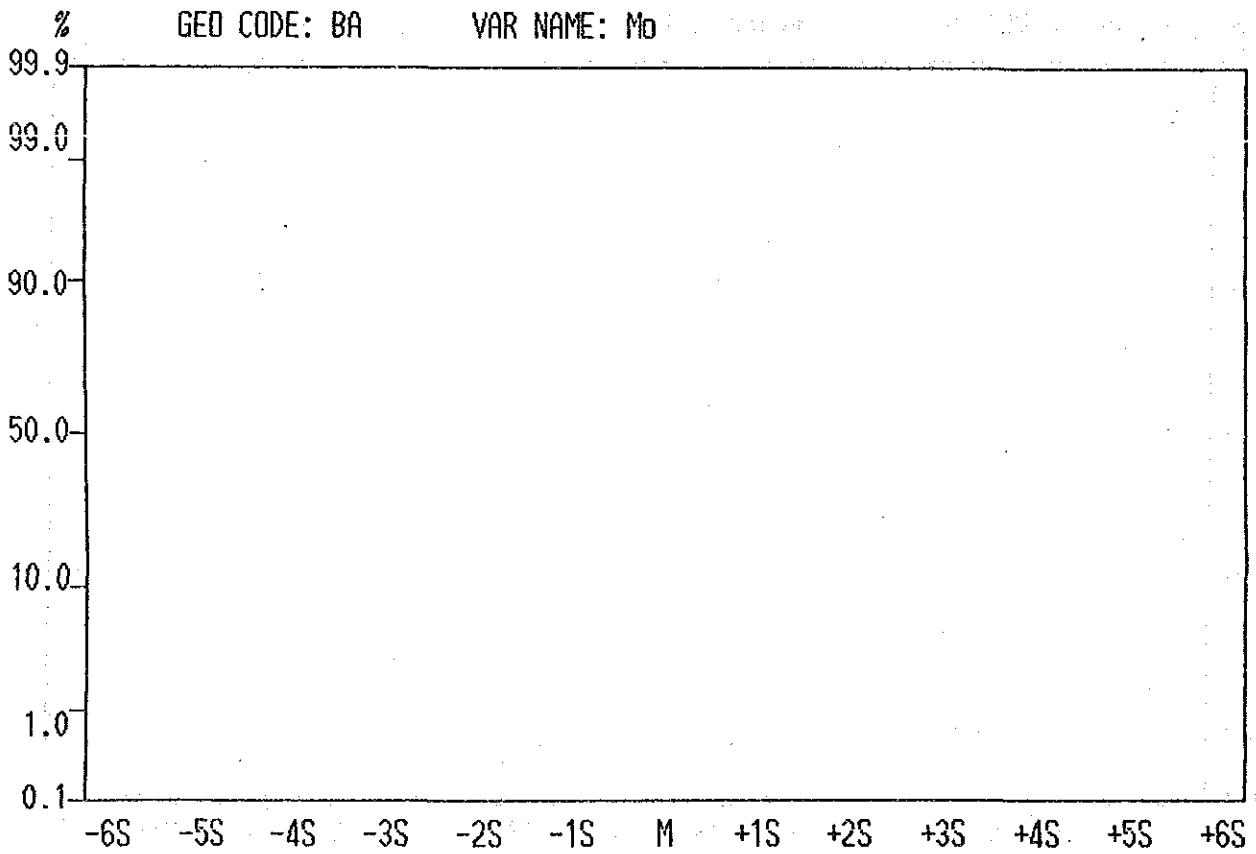
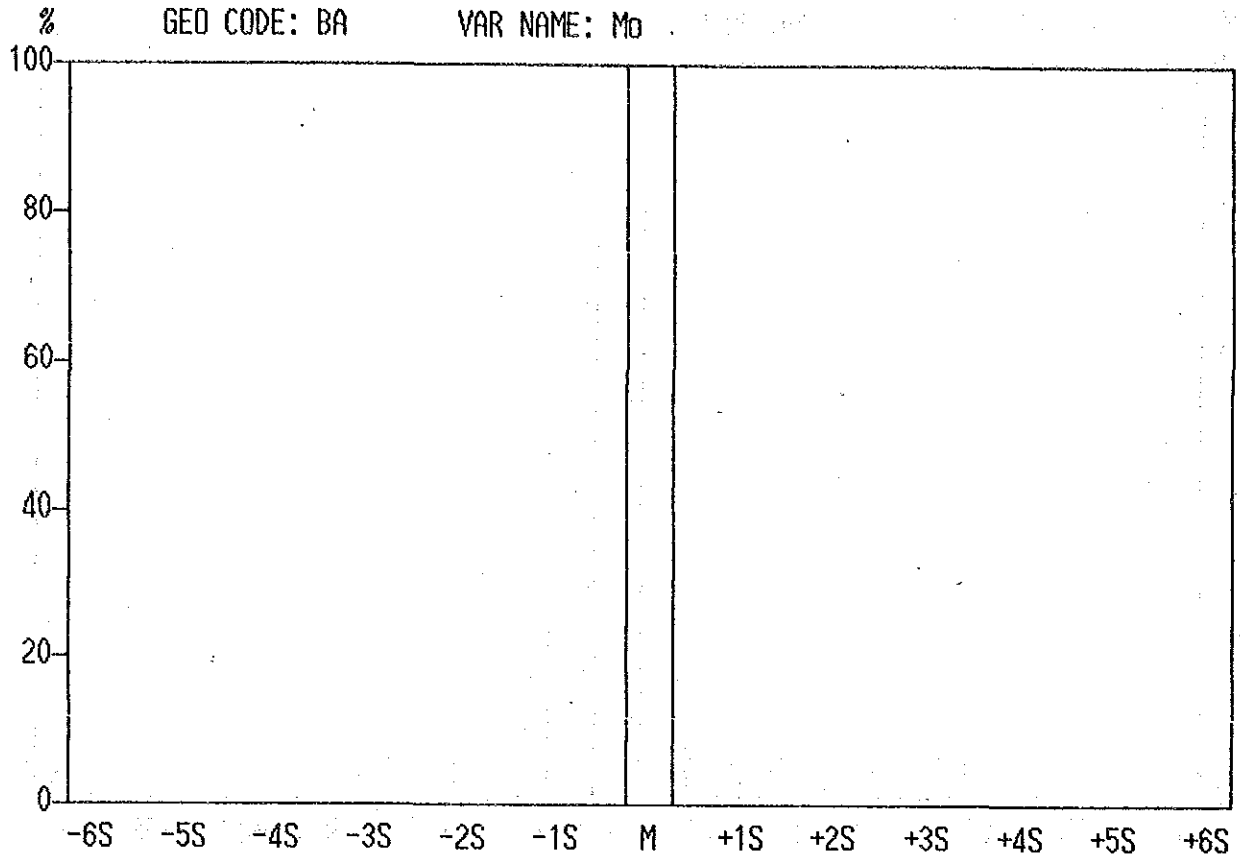




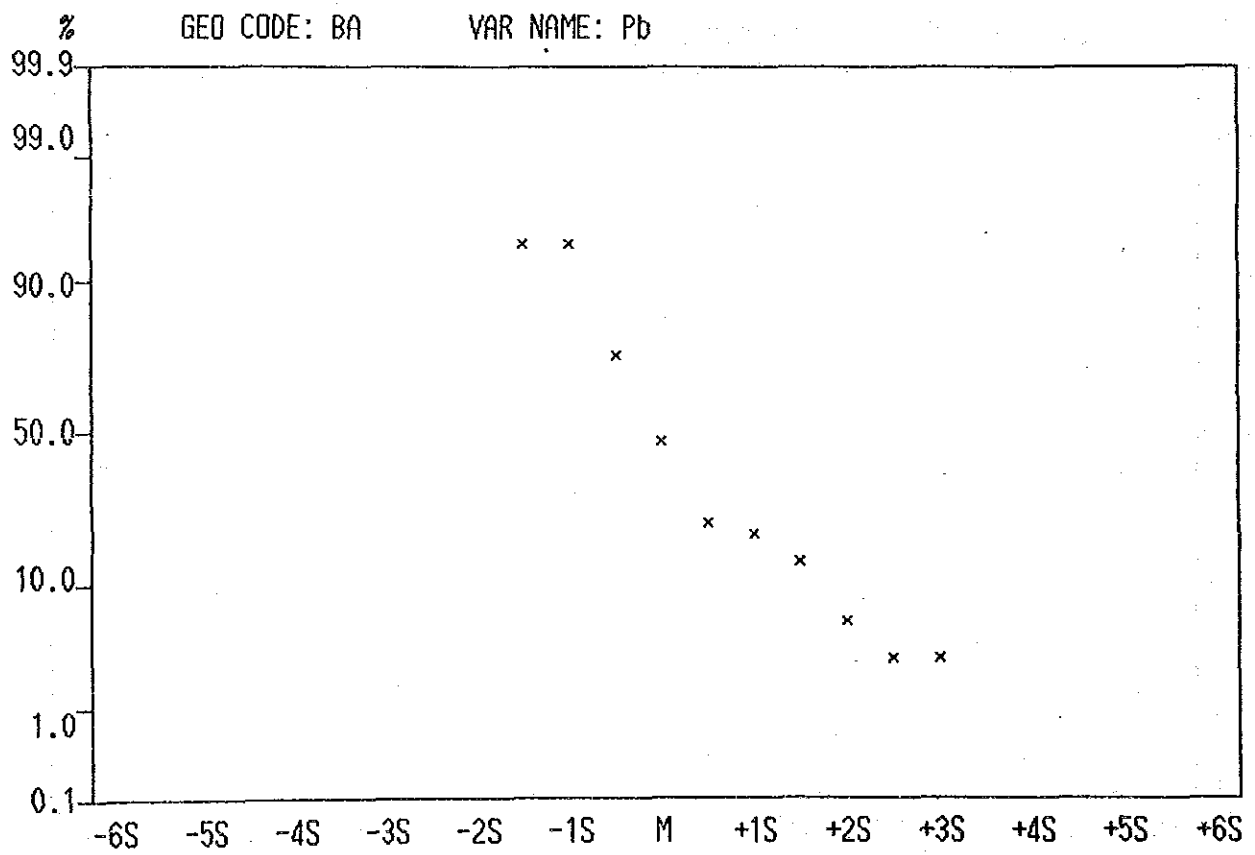
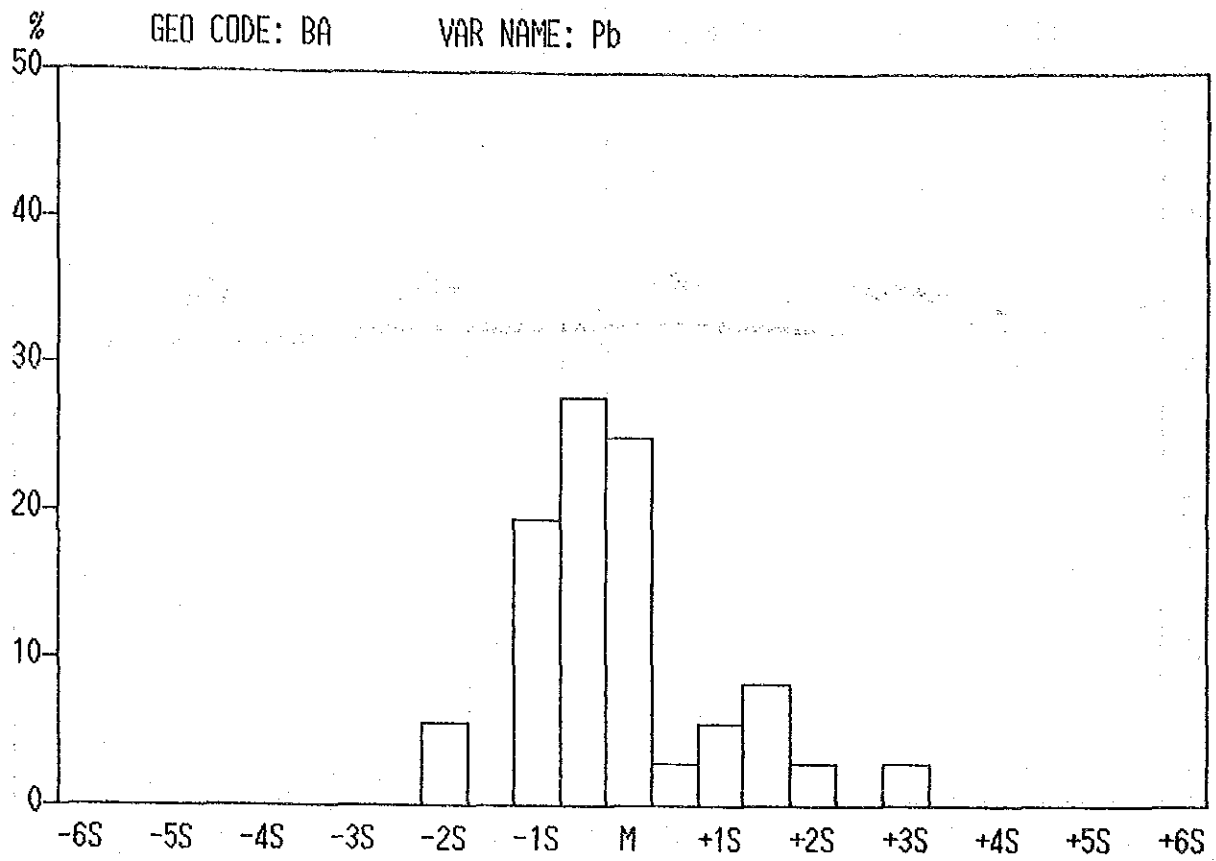


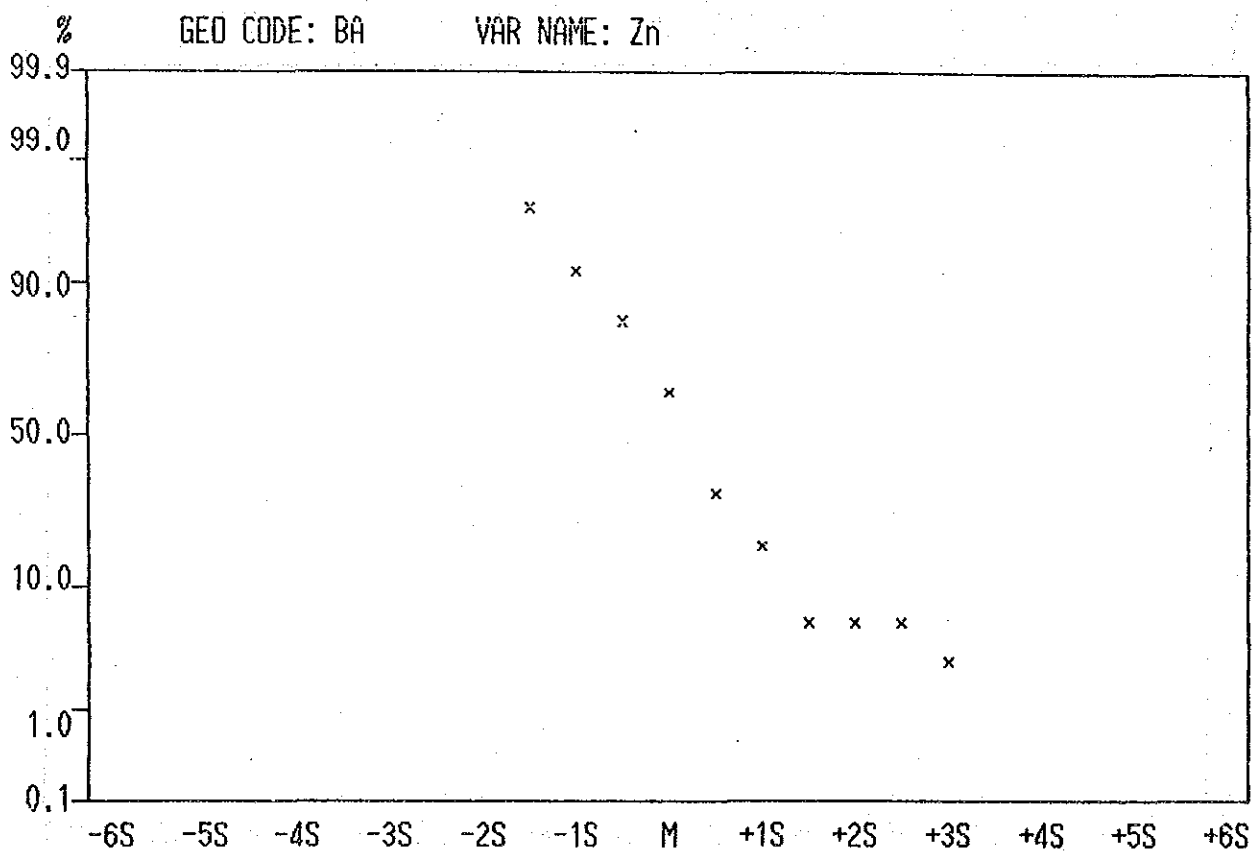
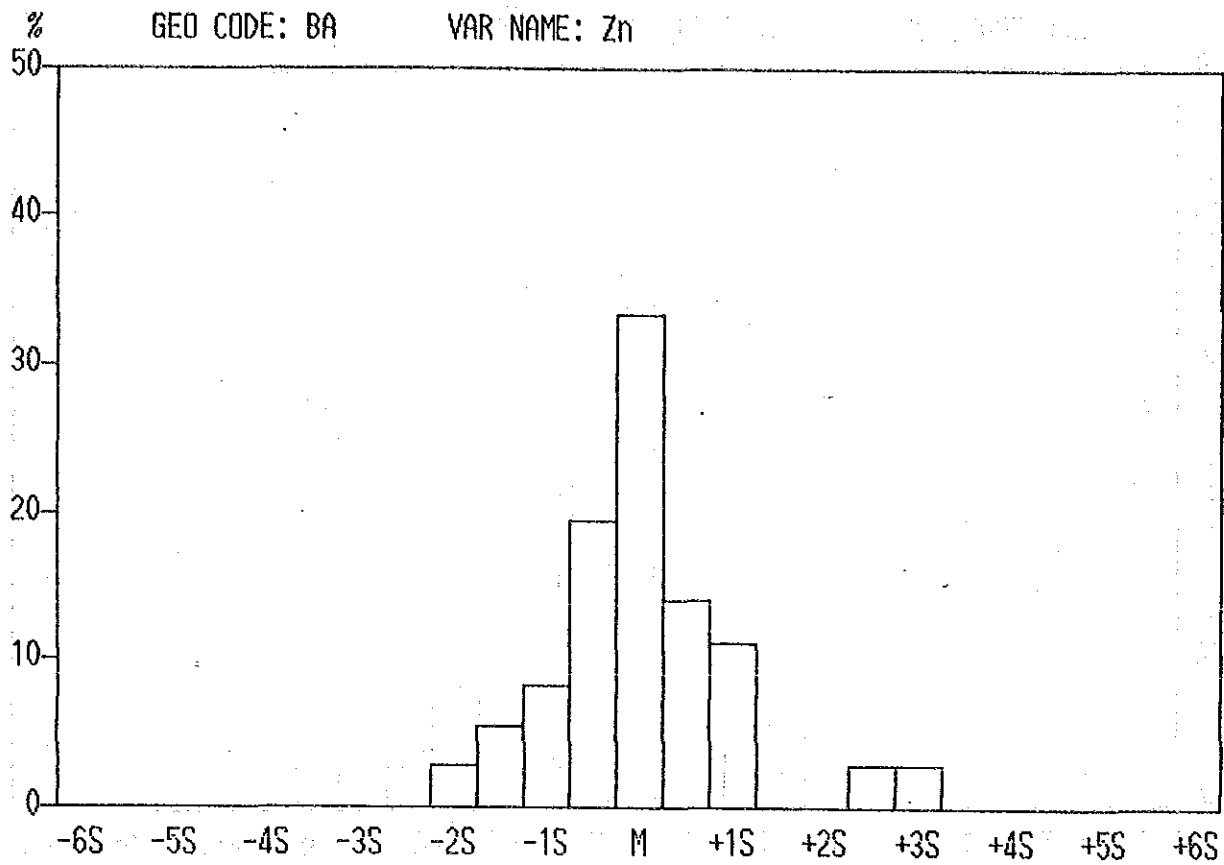


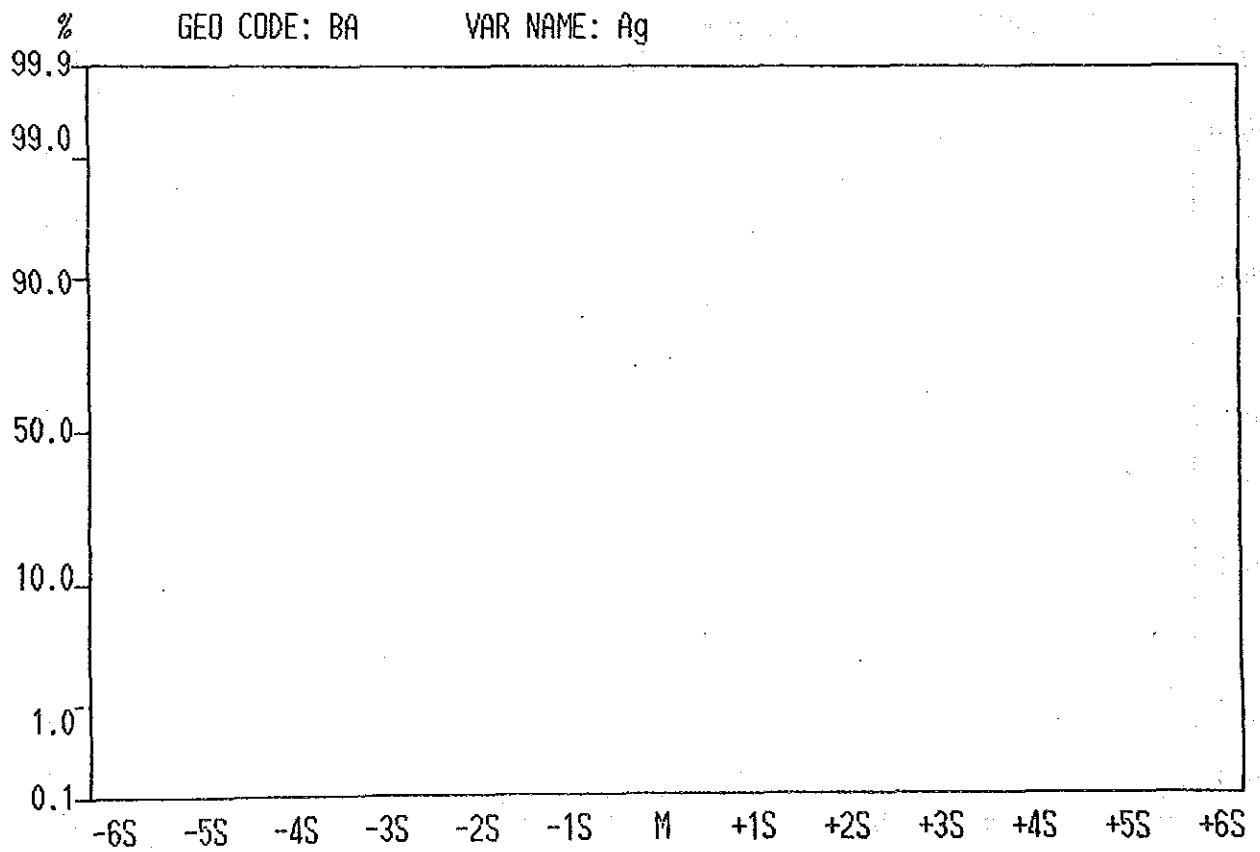
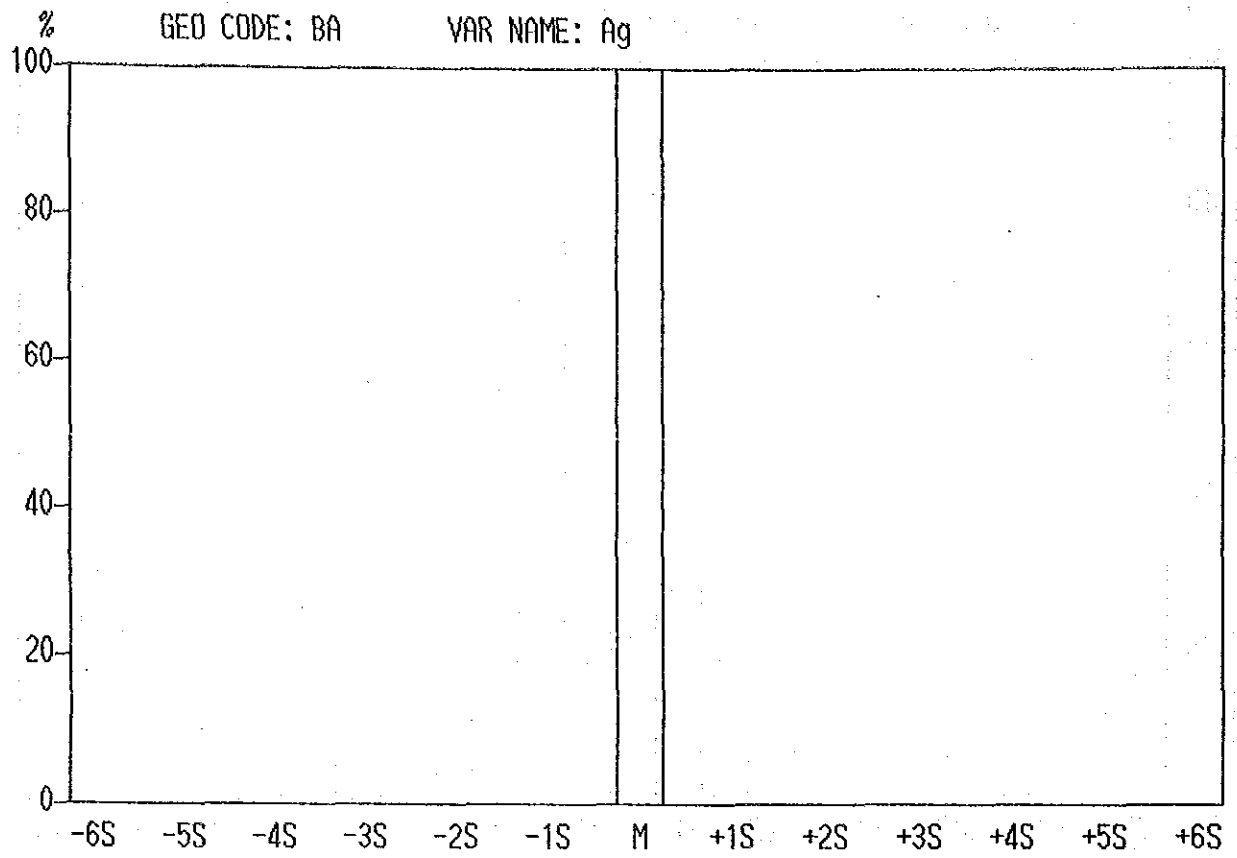


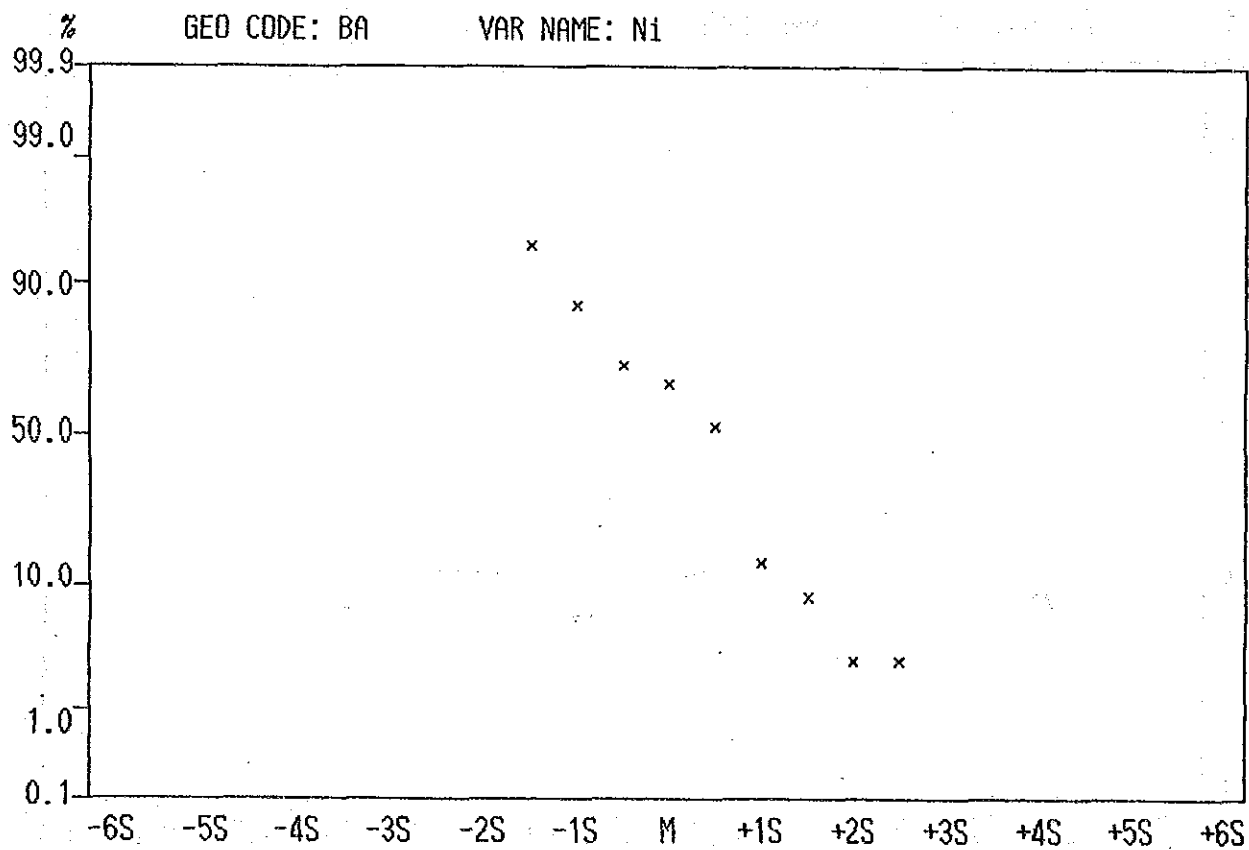
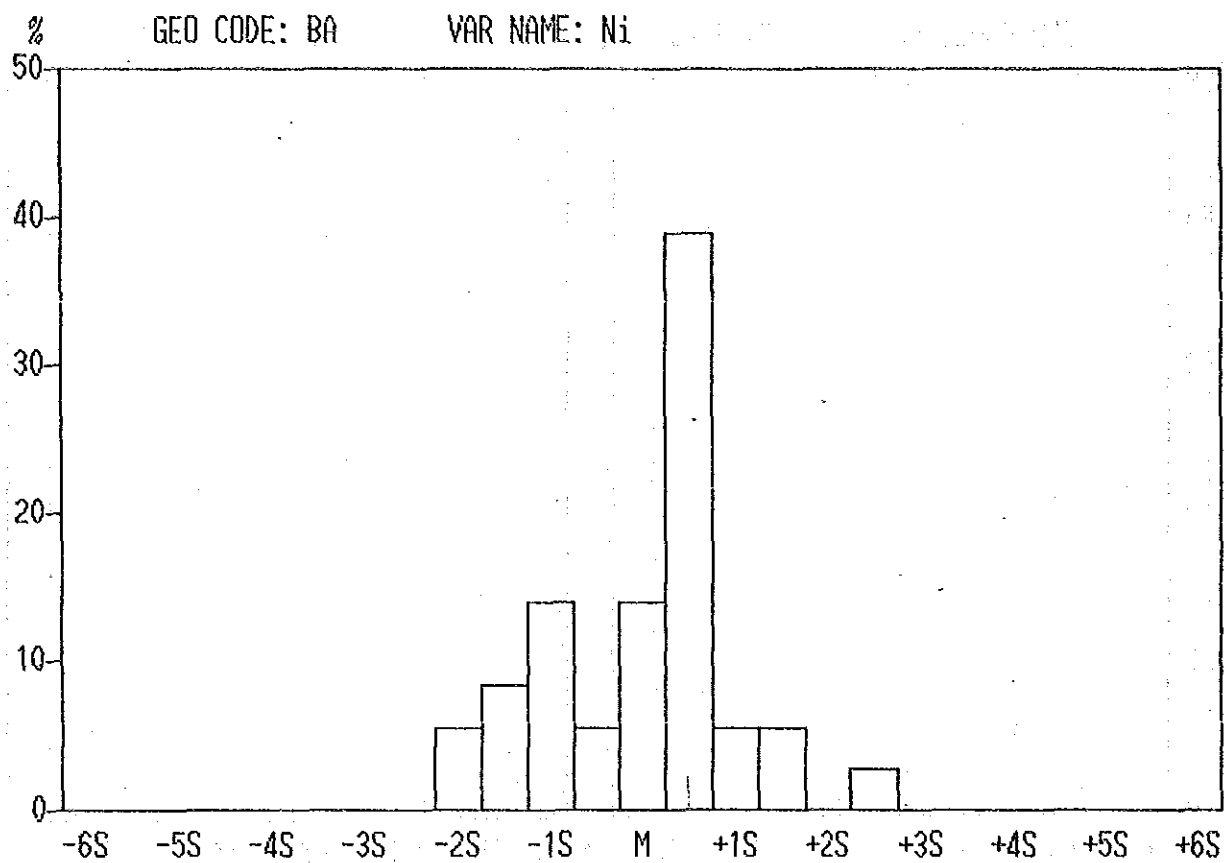


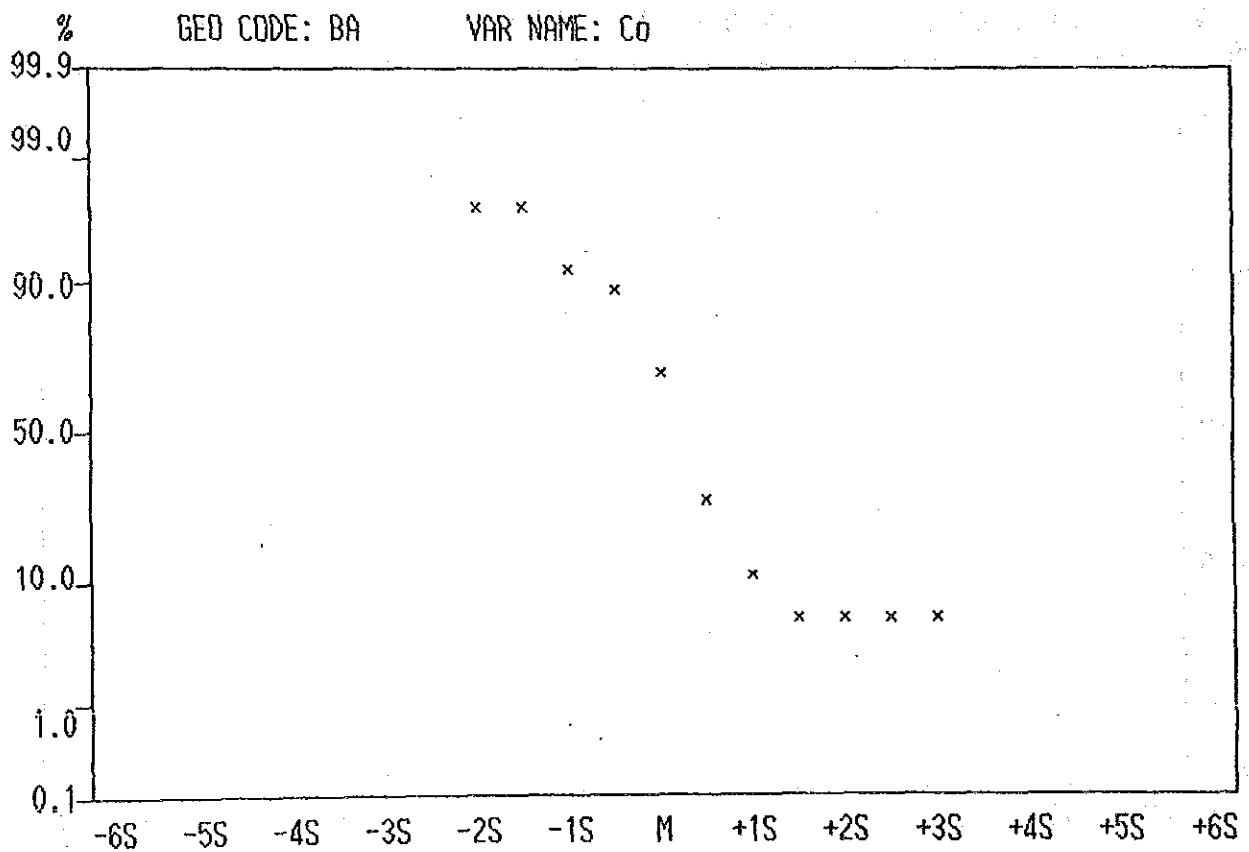
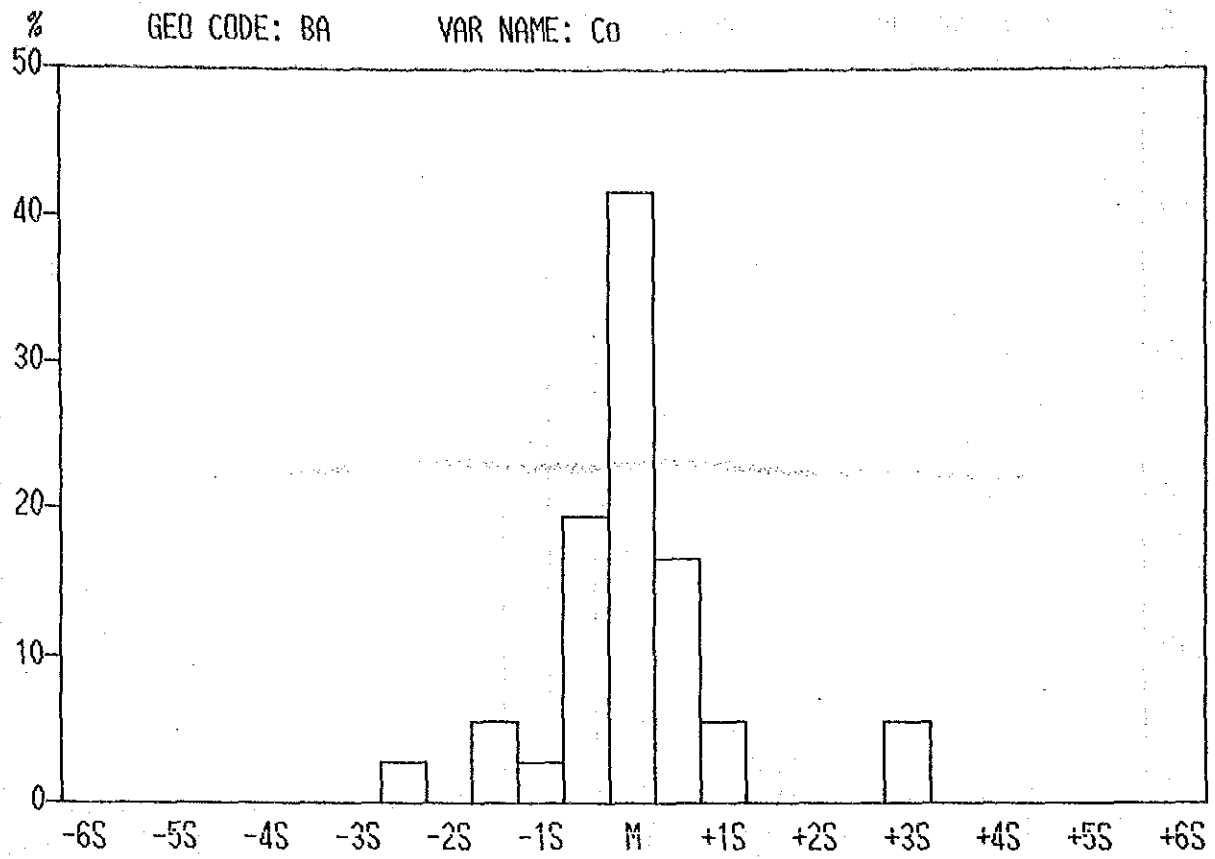


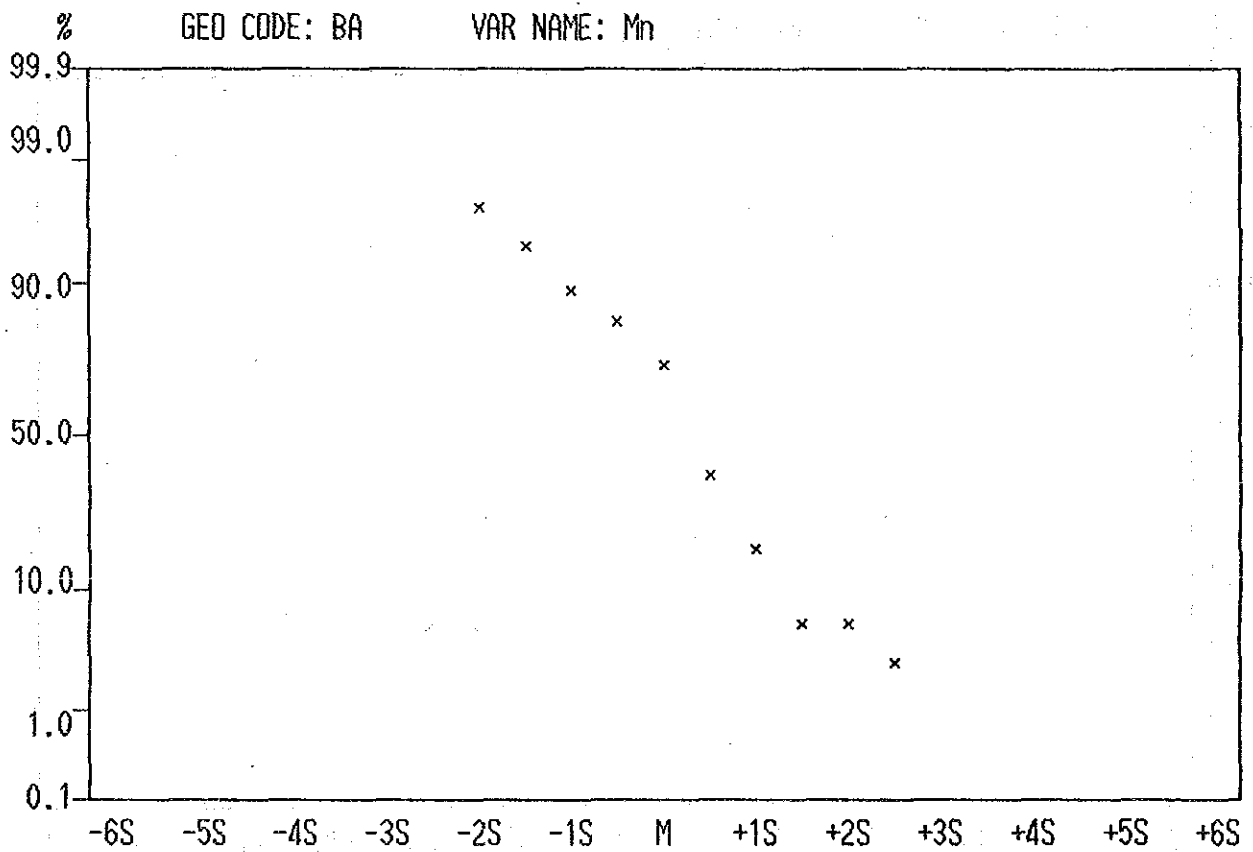
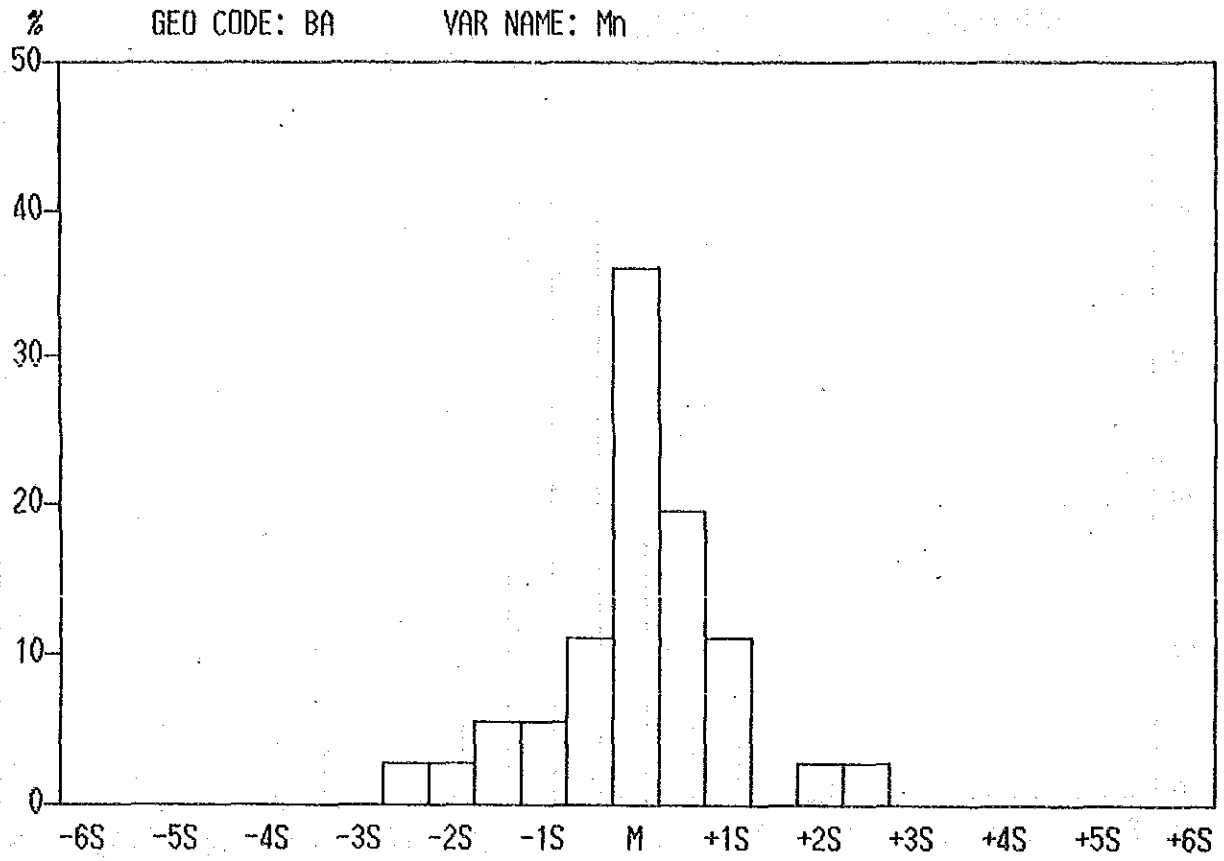


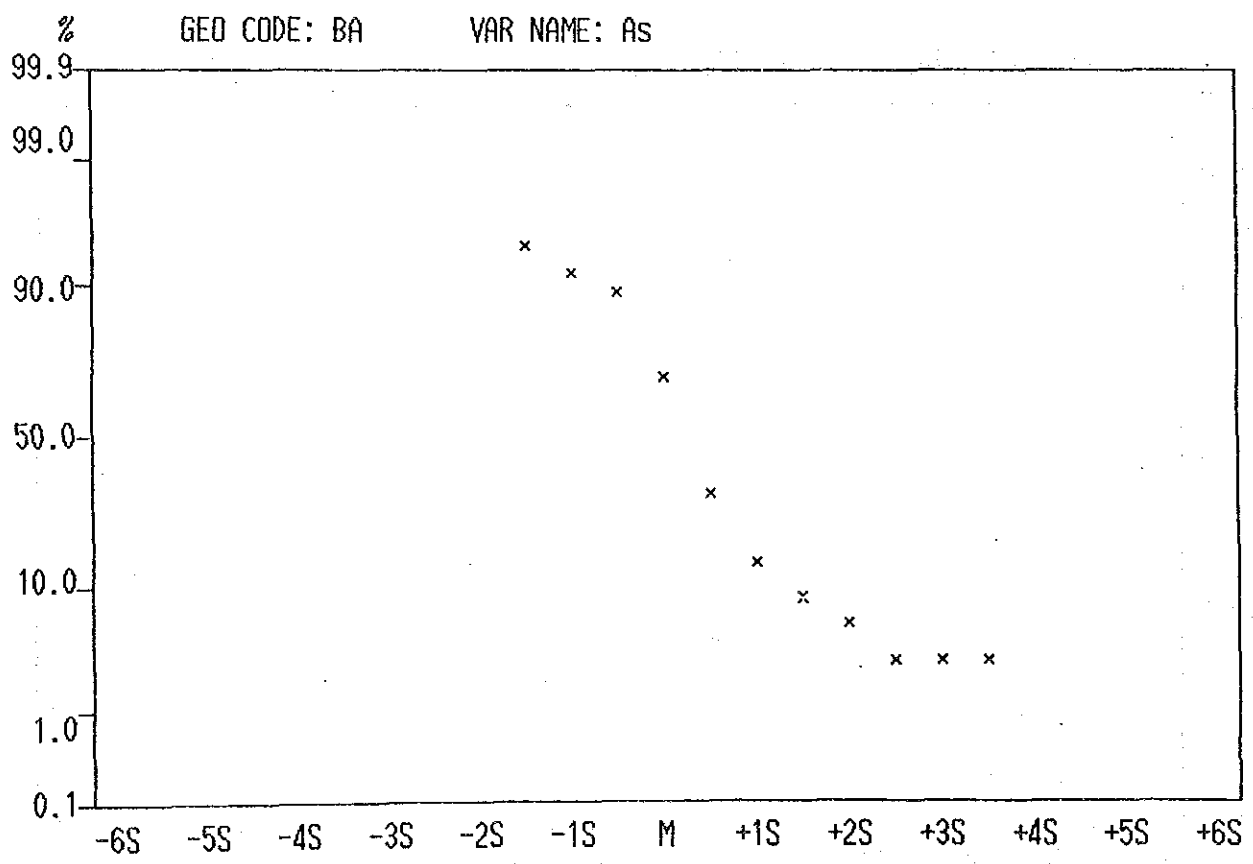
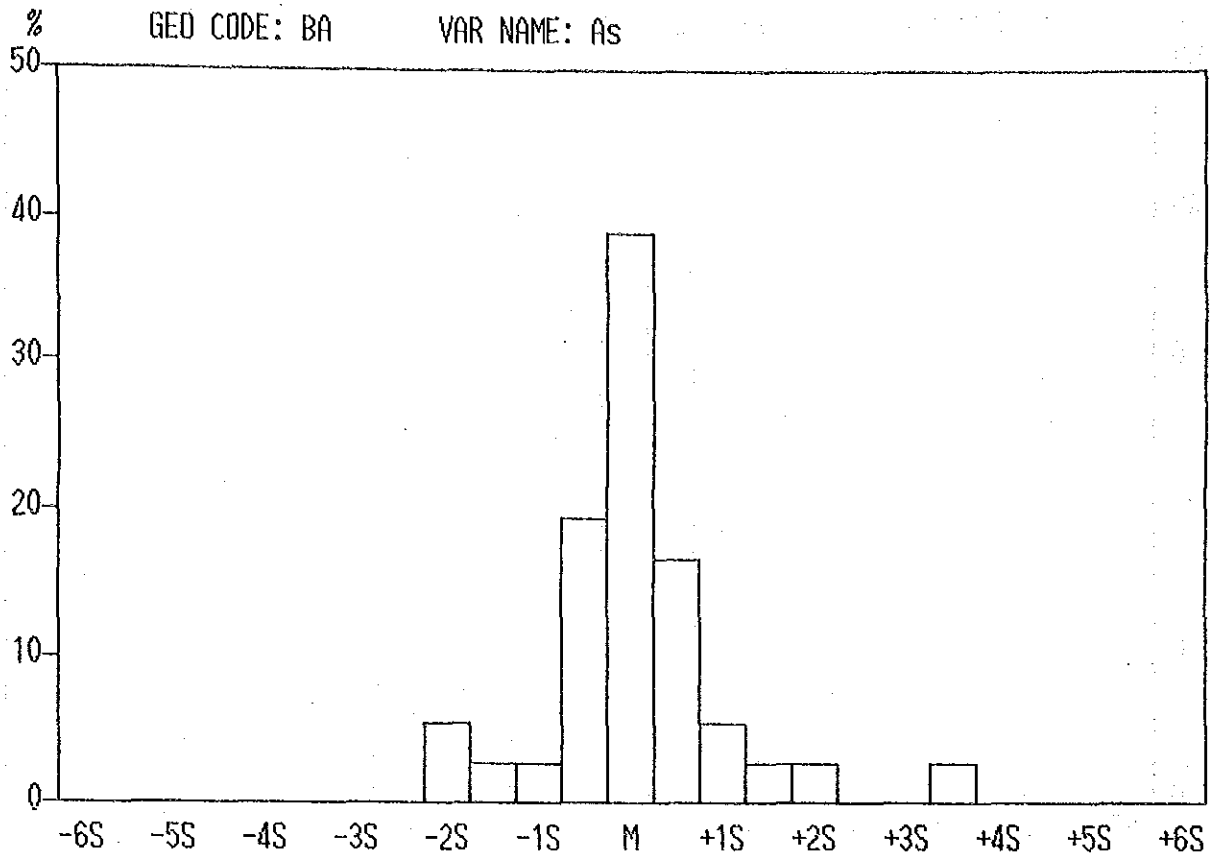


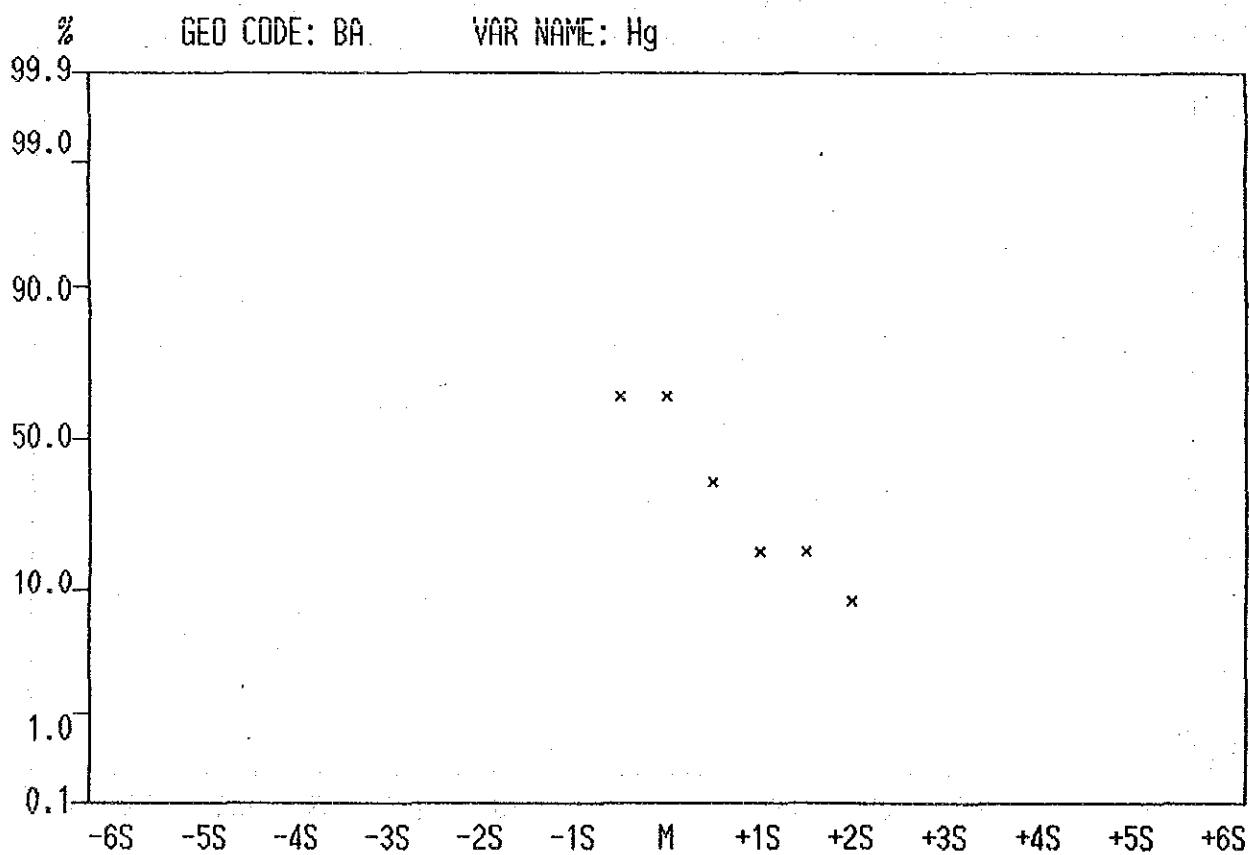
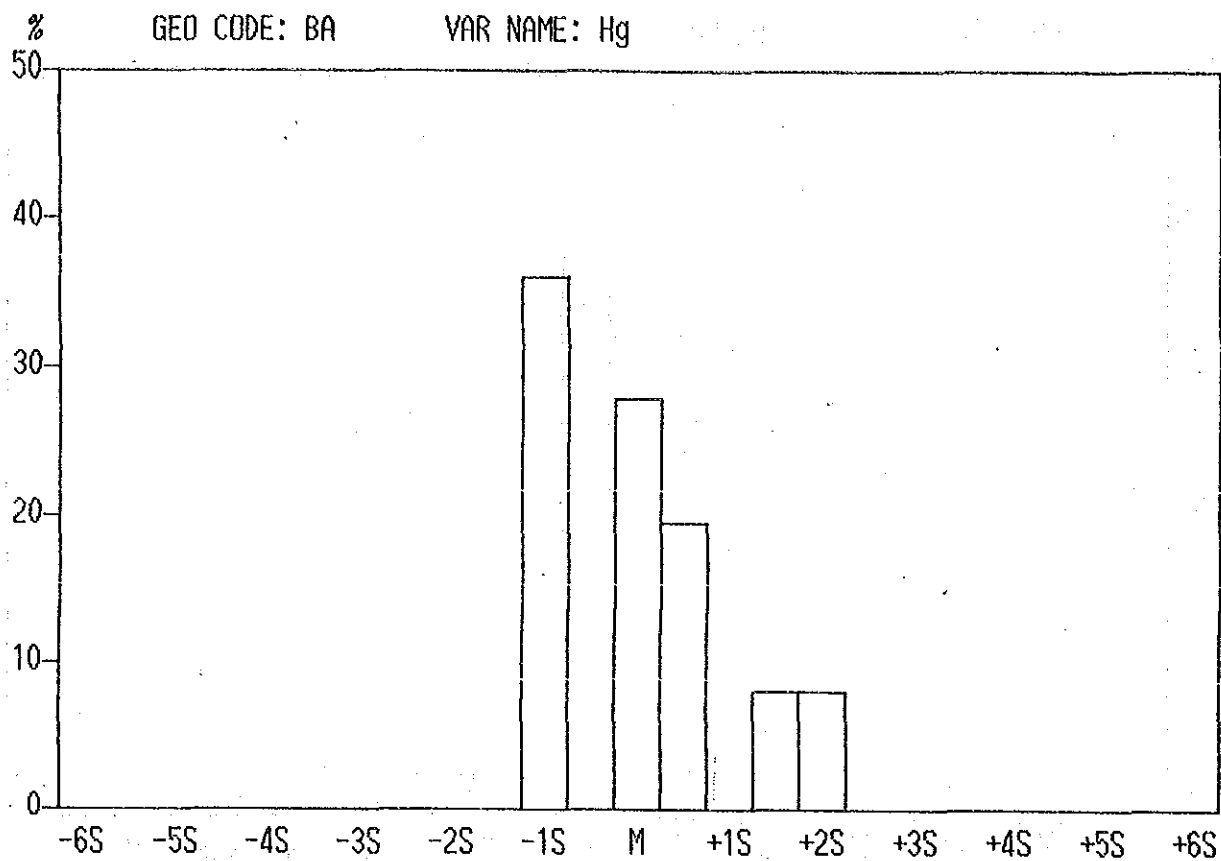












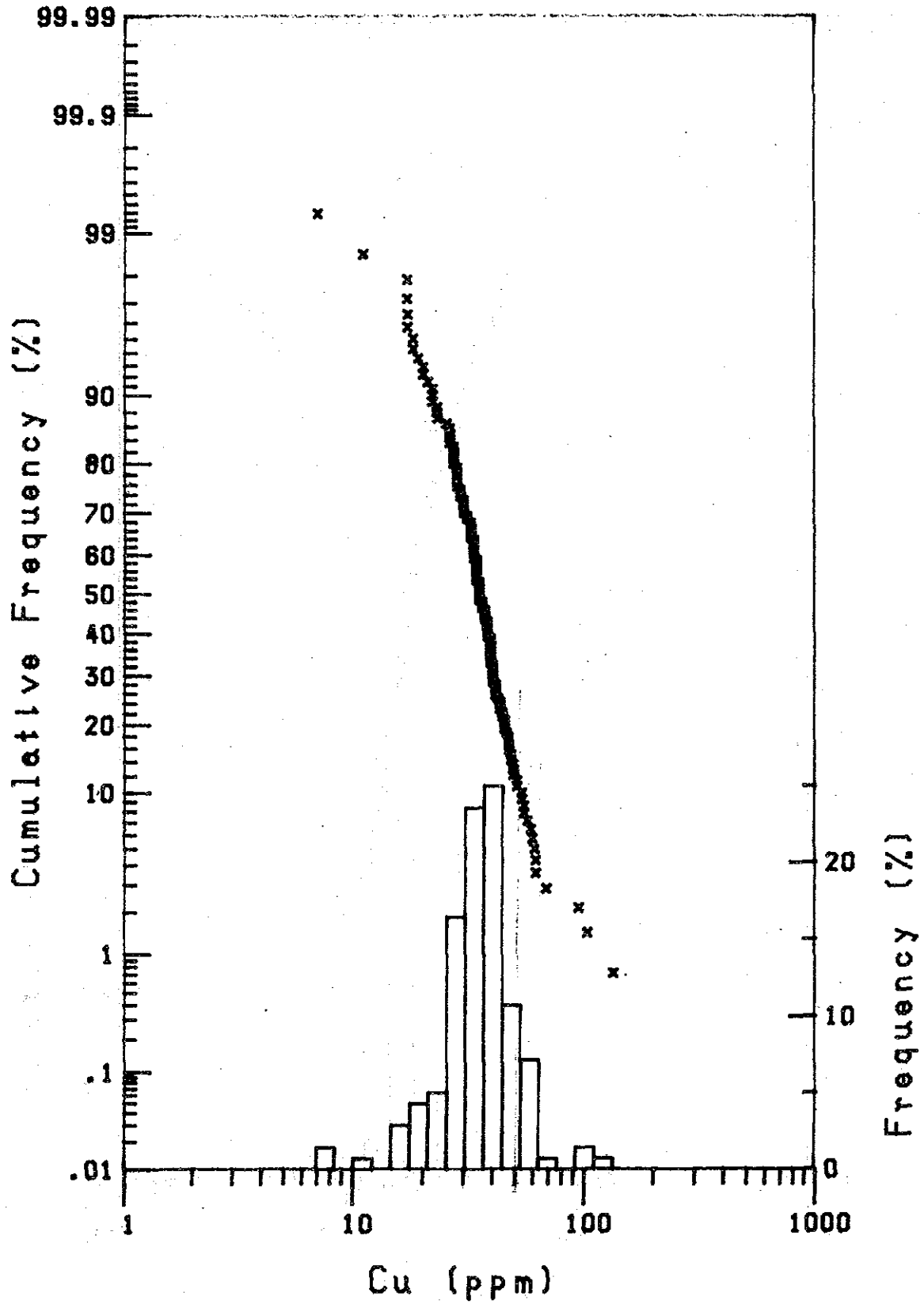


**Appendix 5-2 Panay Area**



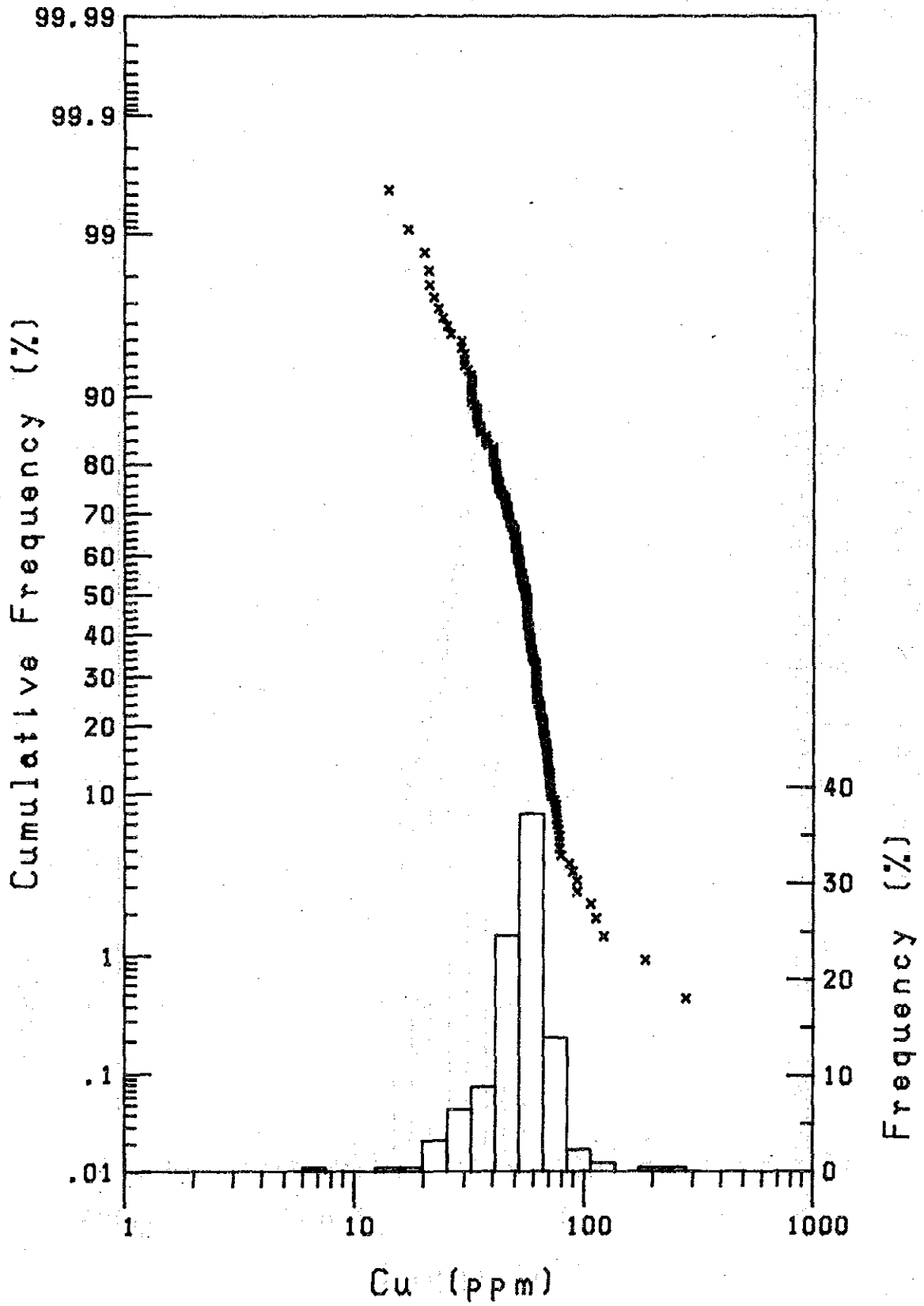
# Group 1. Cu

140 Cases



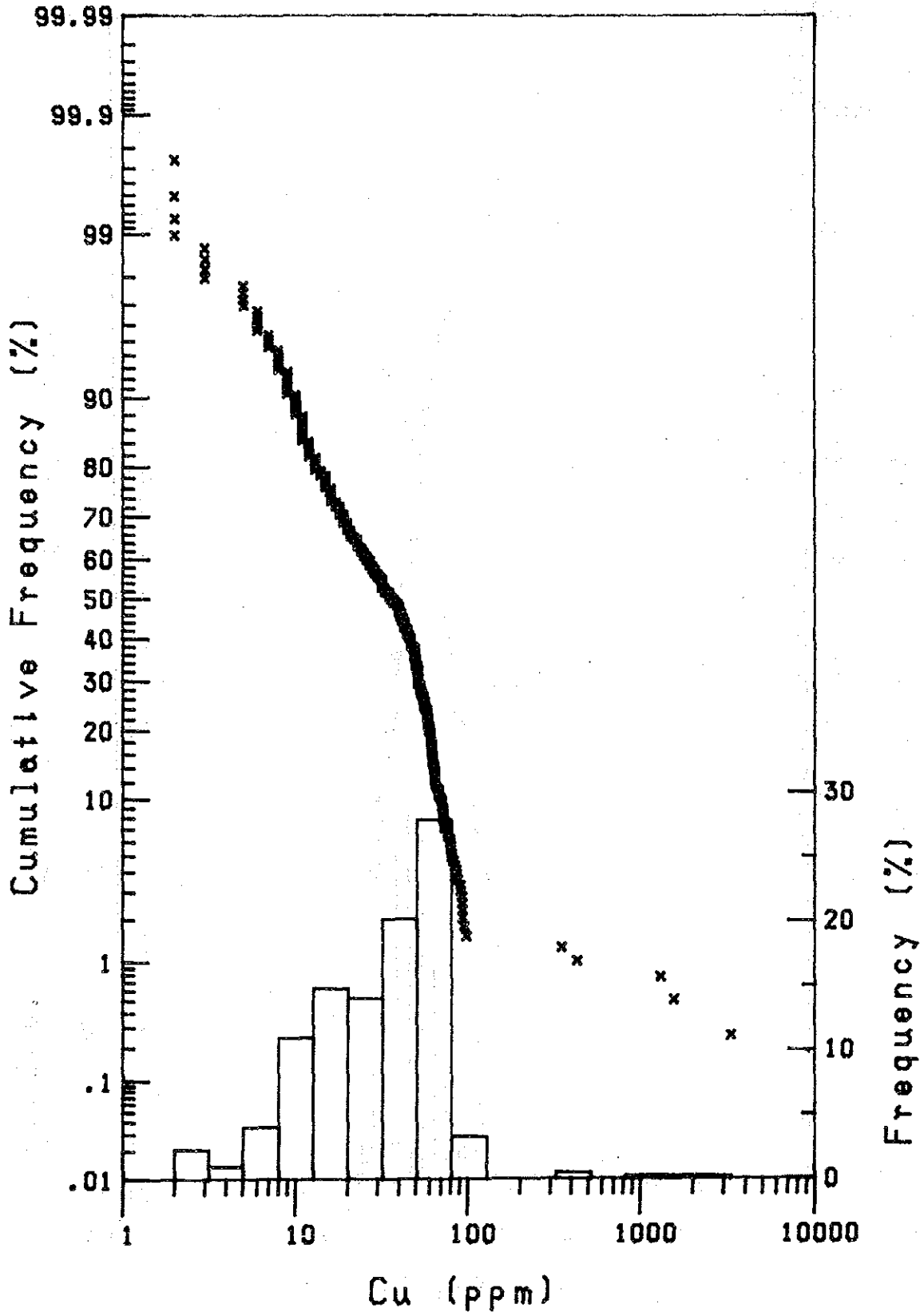
Group 2. Cu

215 Cases



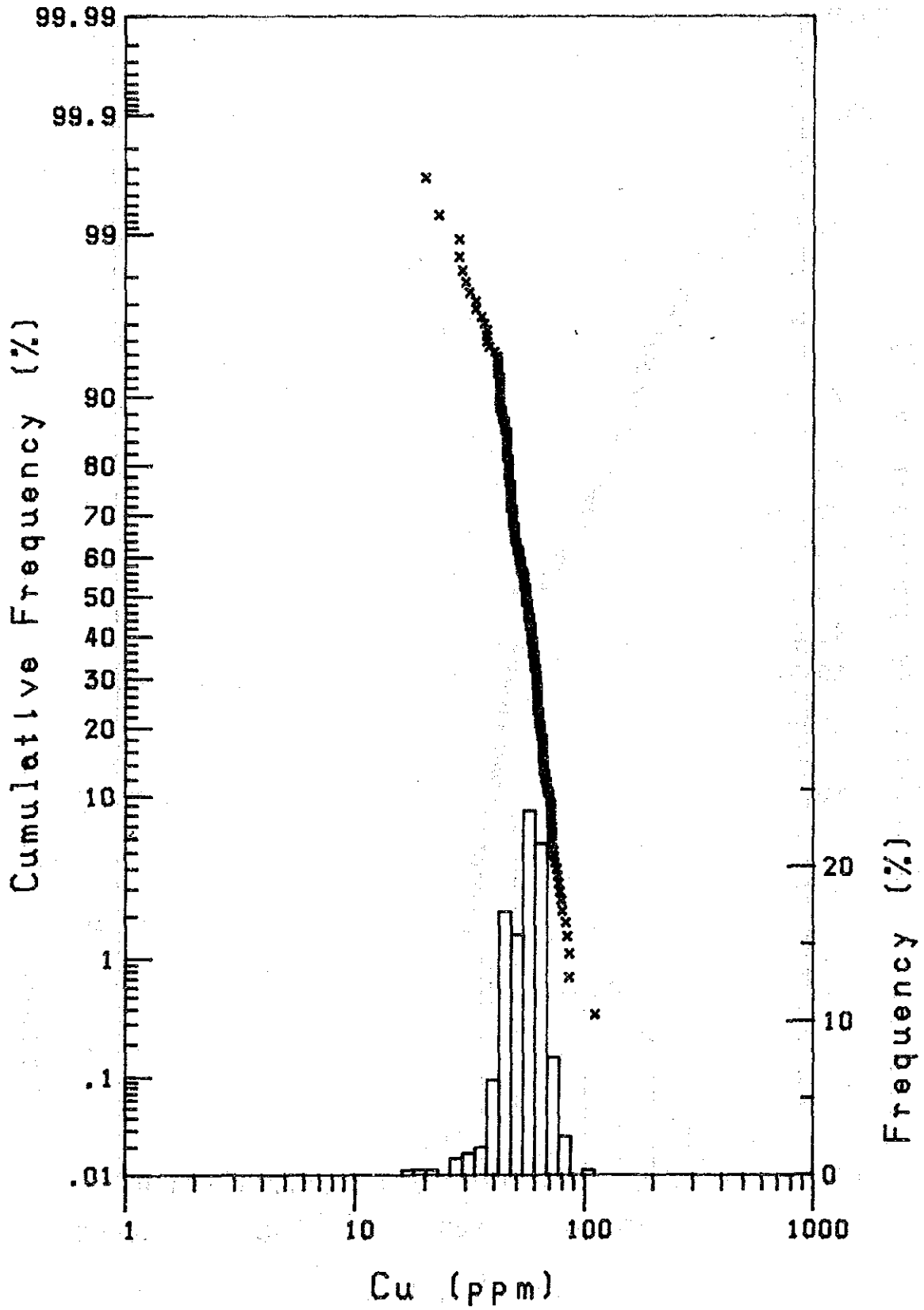
Group 3. Cu

391 Cases



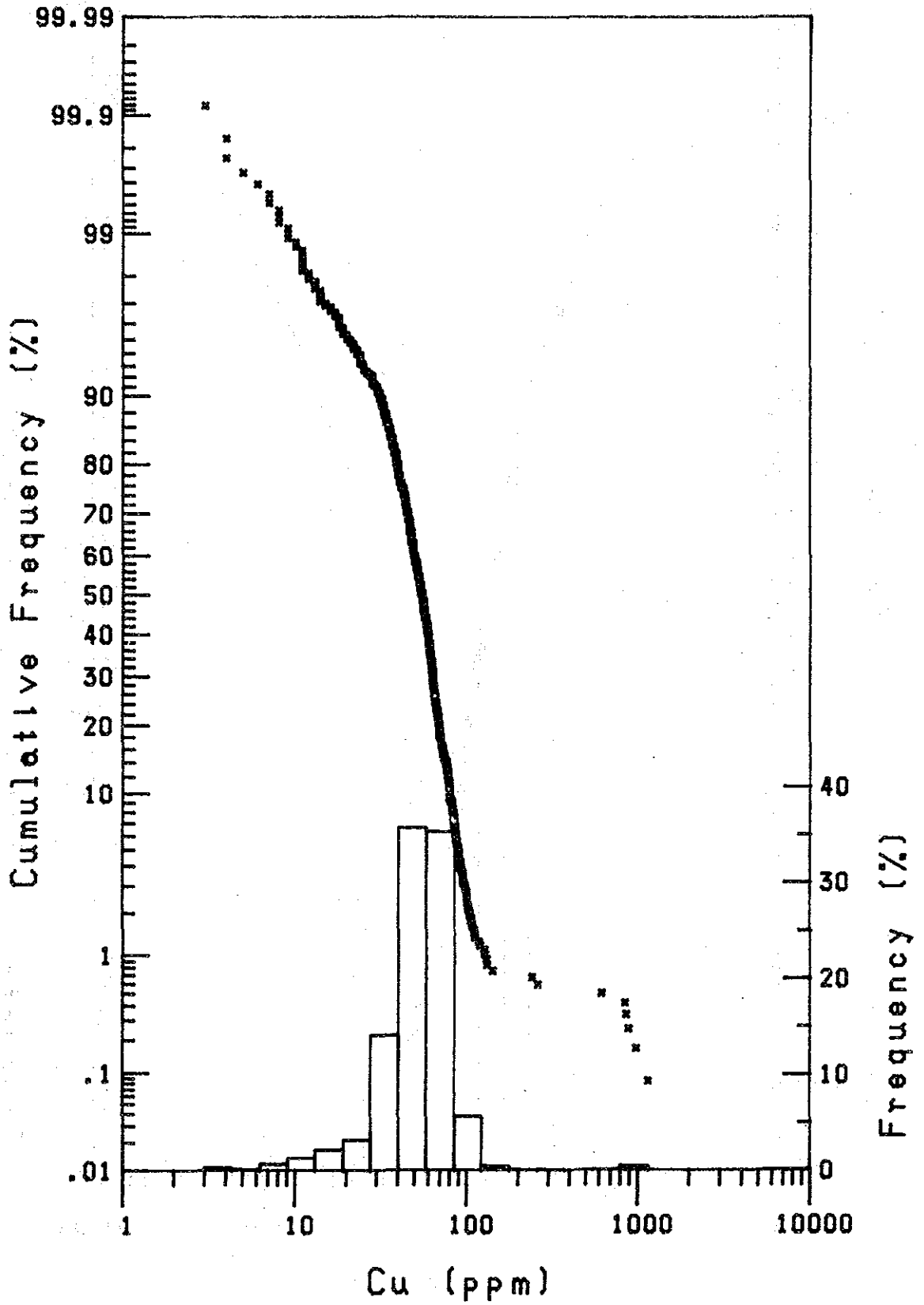
Group 4. Cu

275 Cases



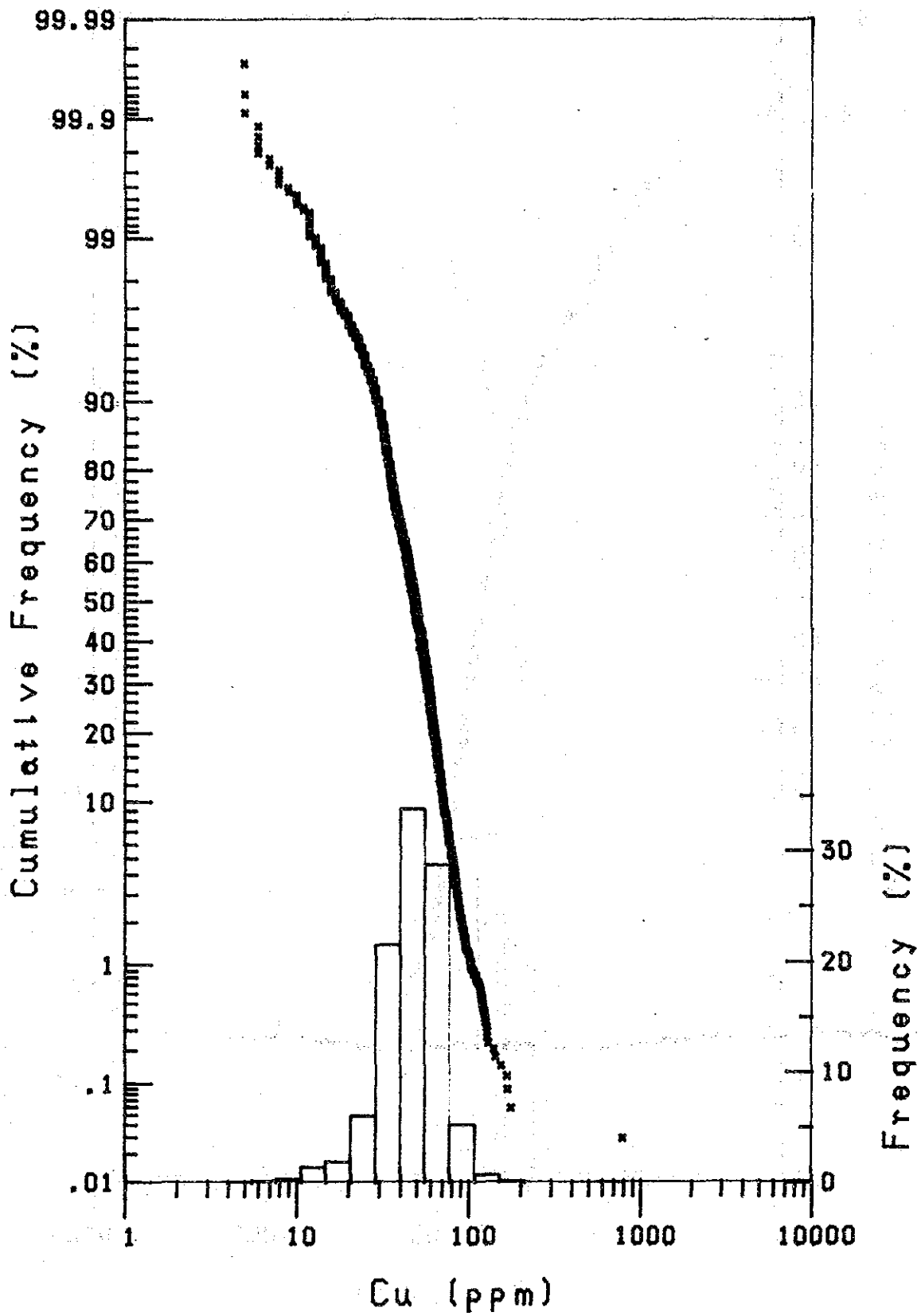
Group 5. Cu

1182 Cases



Group 6. Cu

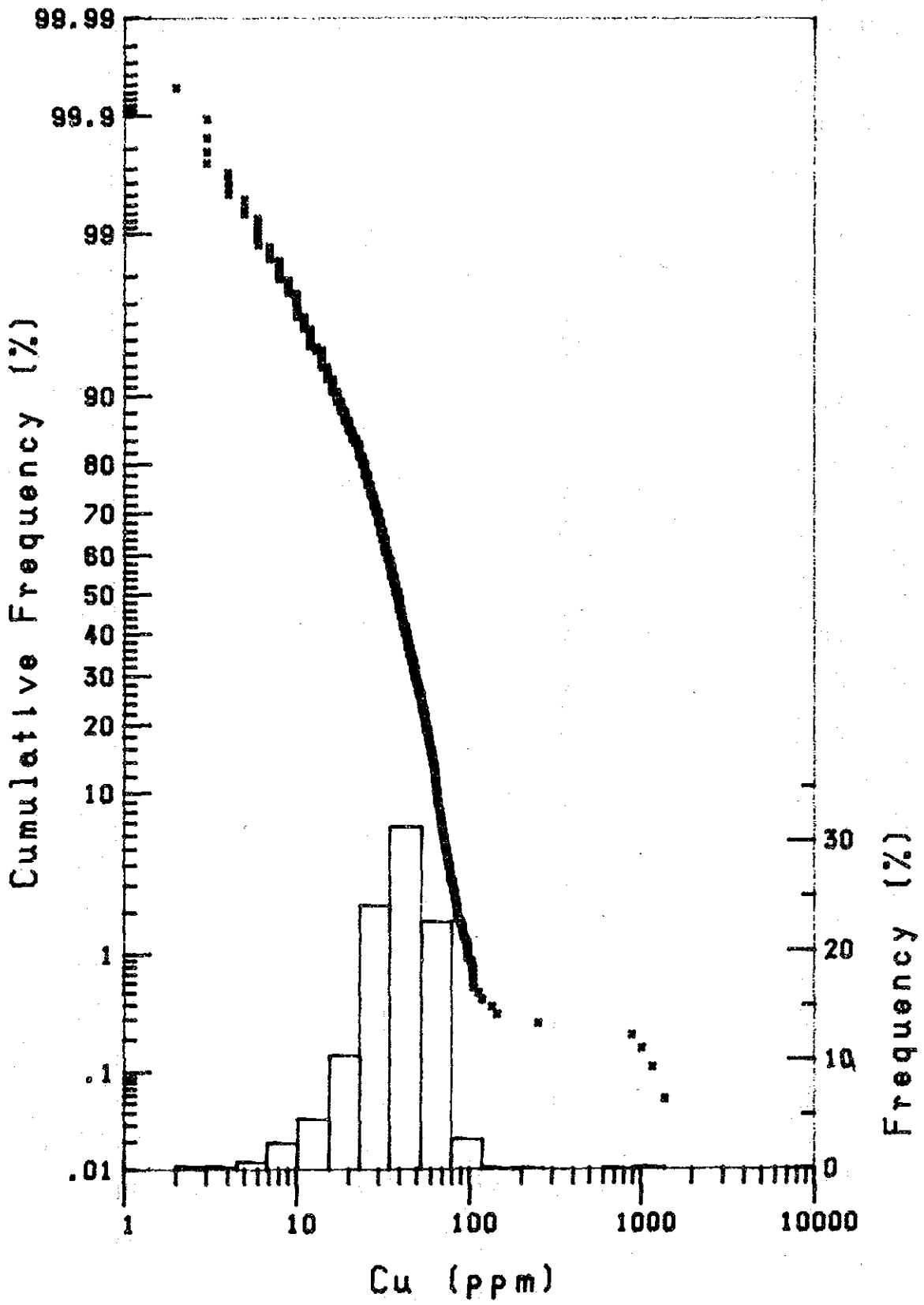
3361 Cases





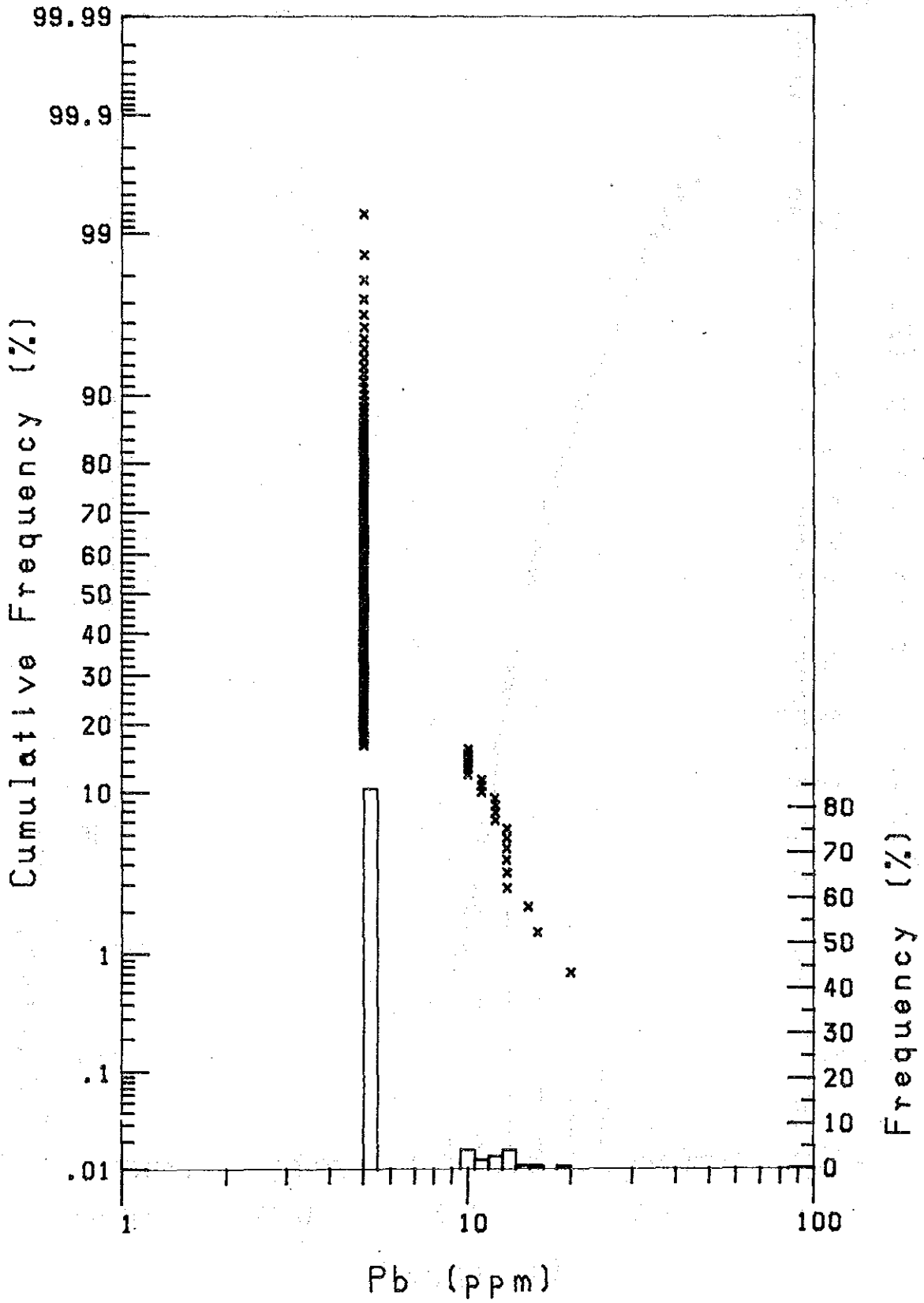
Group 7.Cu

1807 Cases



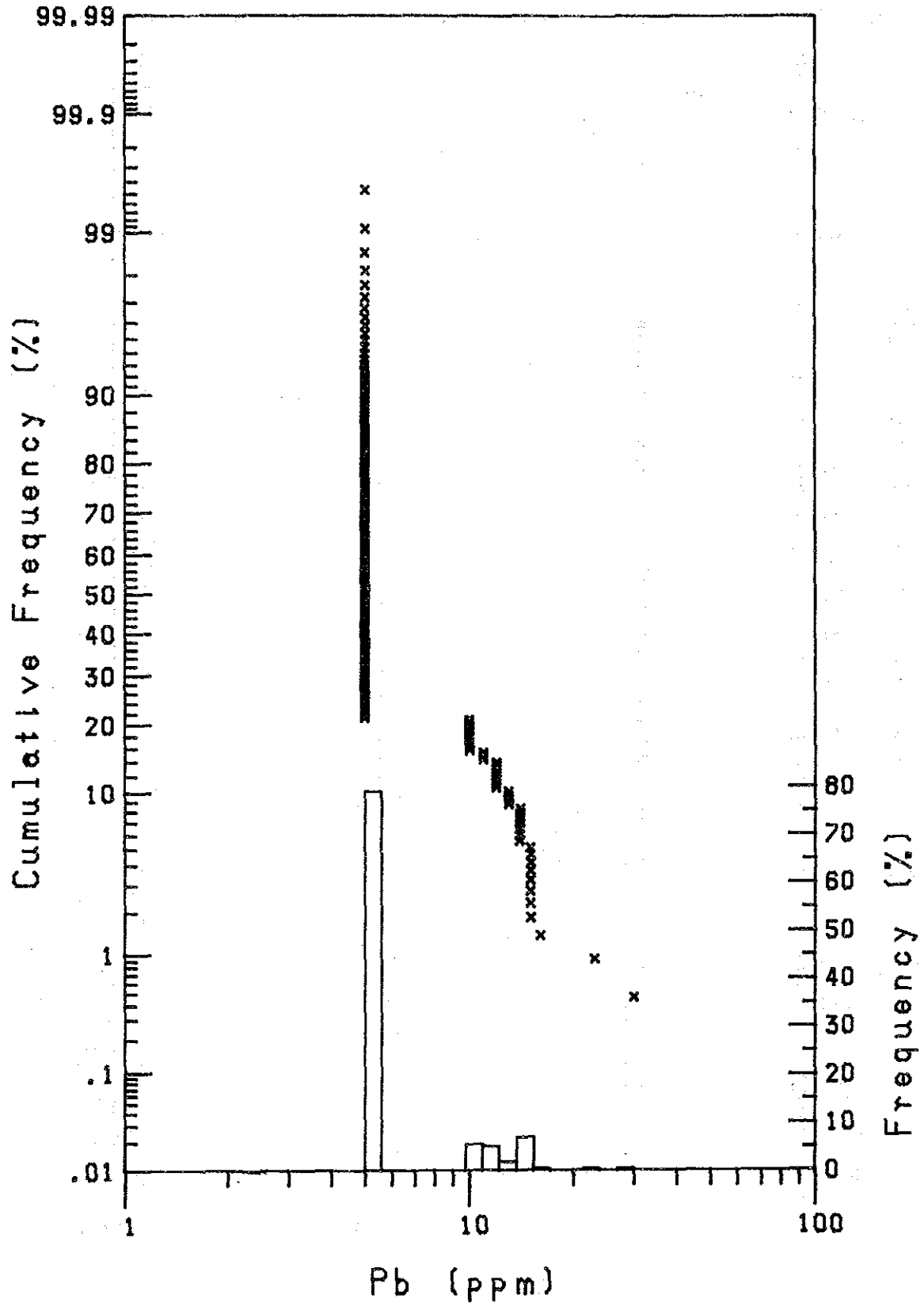
# Group 1. Pb

140 Cases



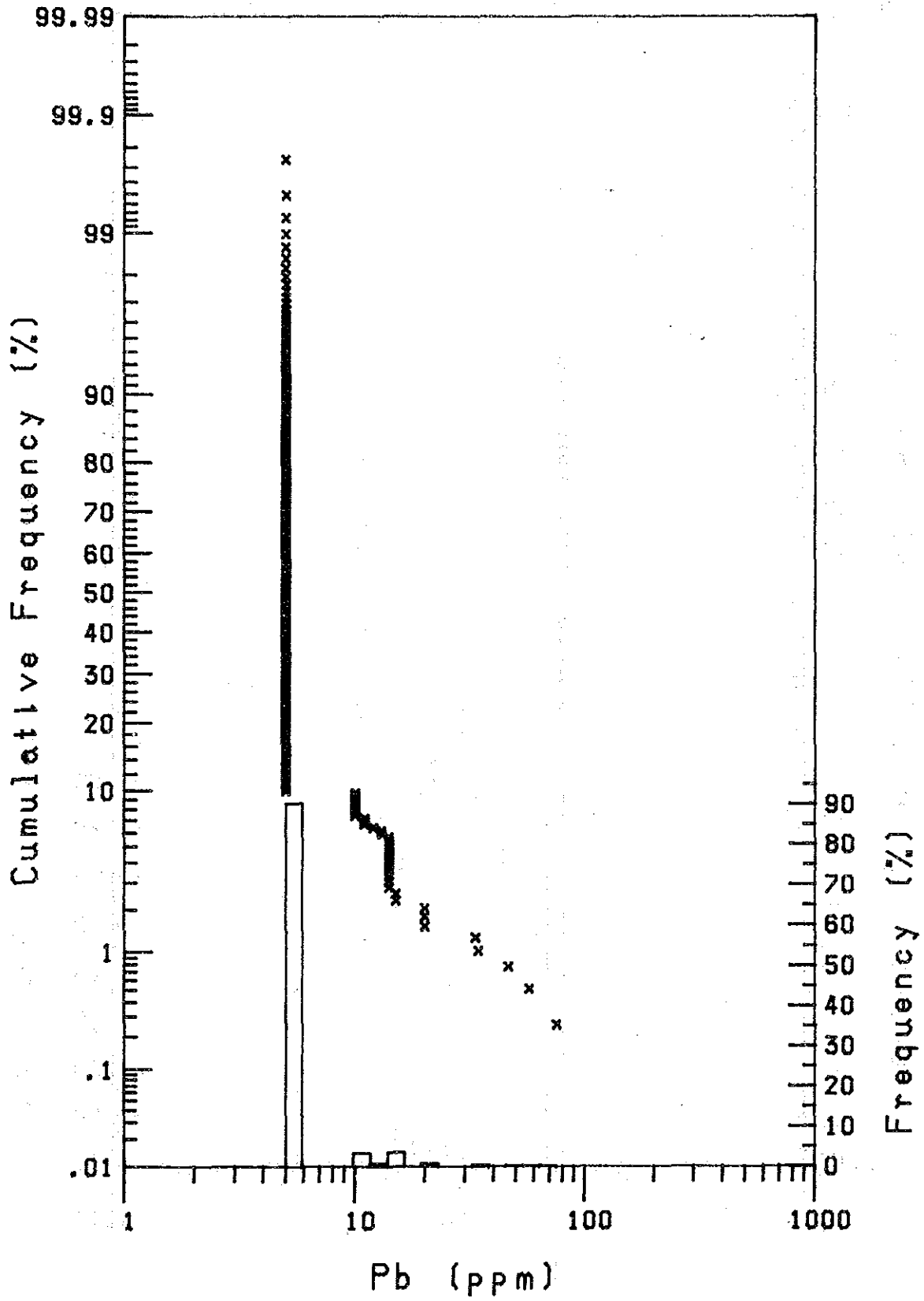
Group 2. Pb

215 Cases



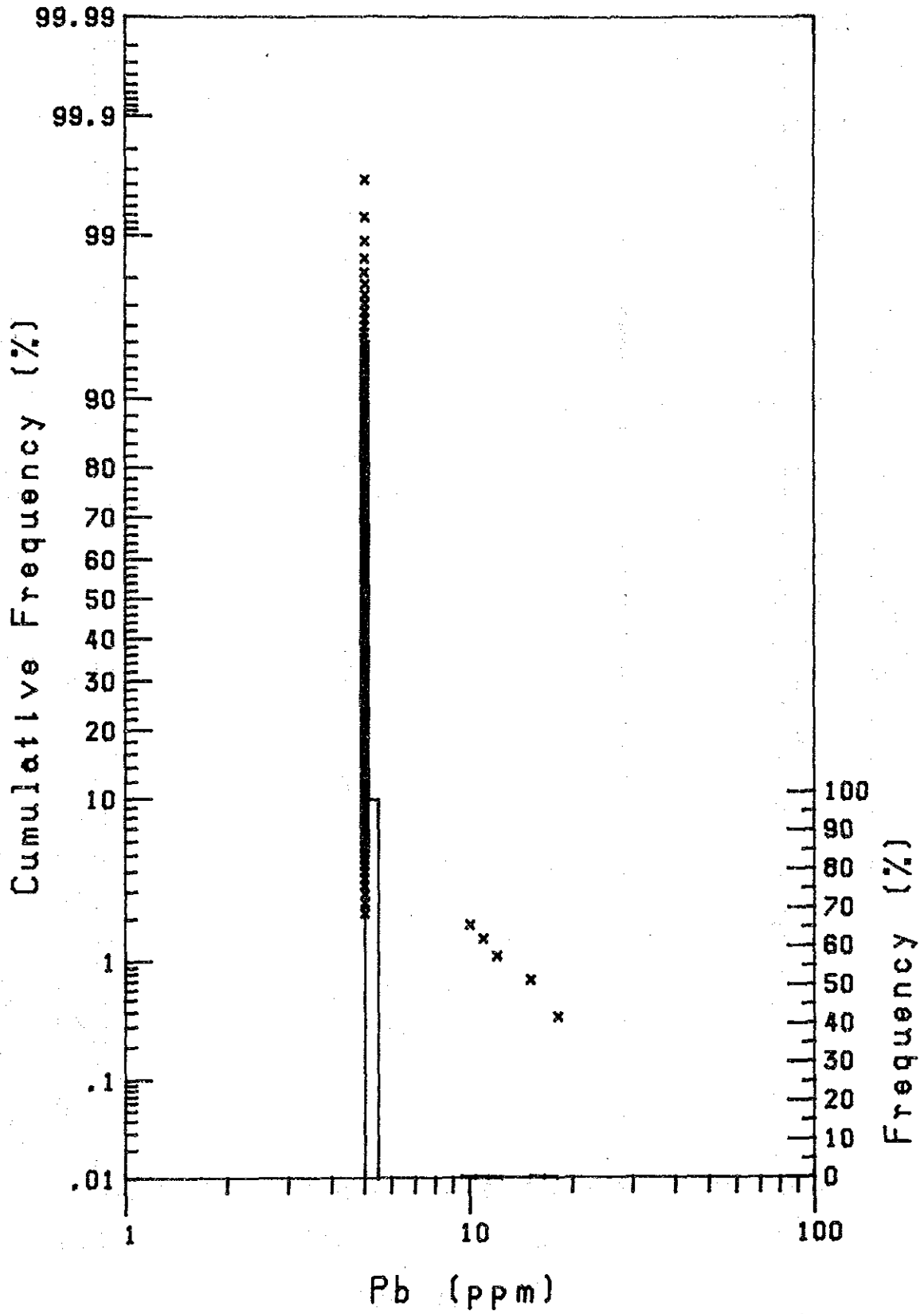
Group 3.Pb

391 Cases



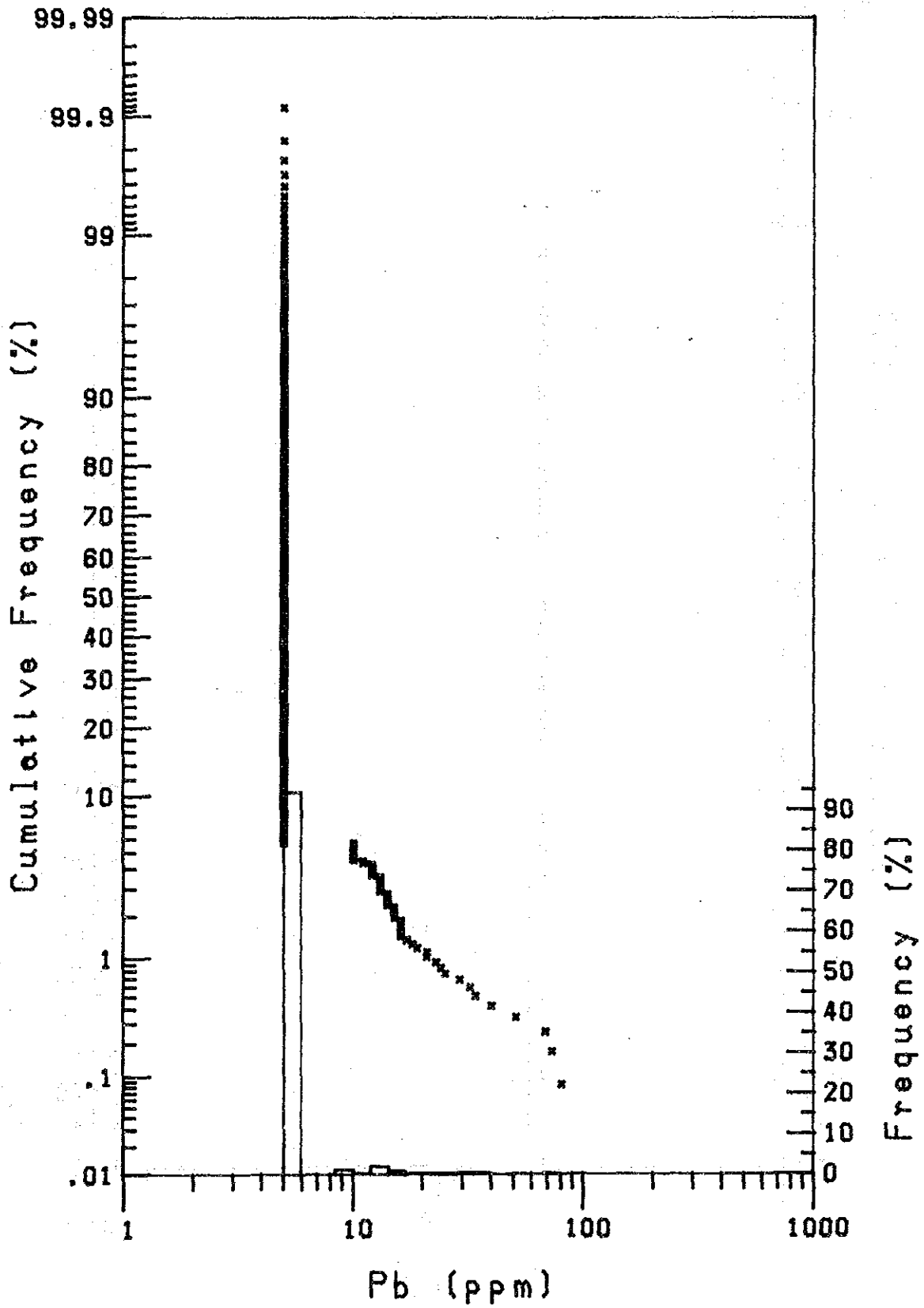
# Group 4. Pb

275 Cases



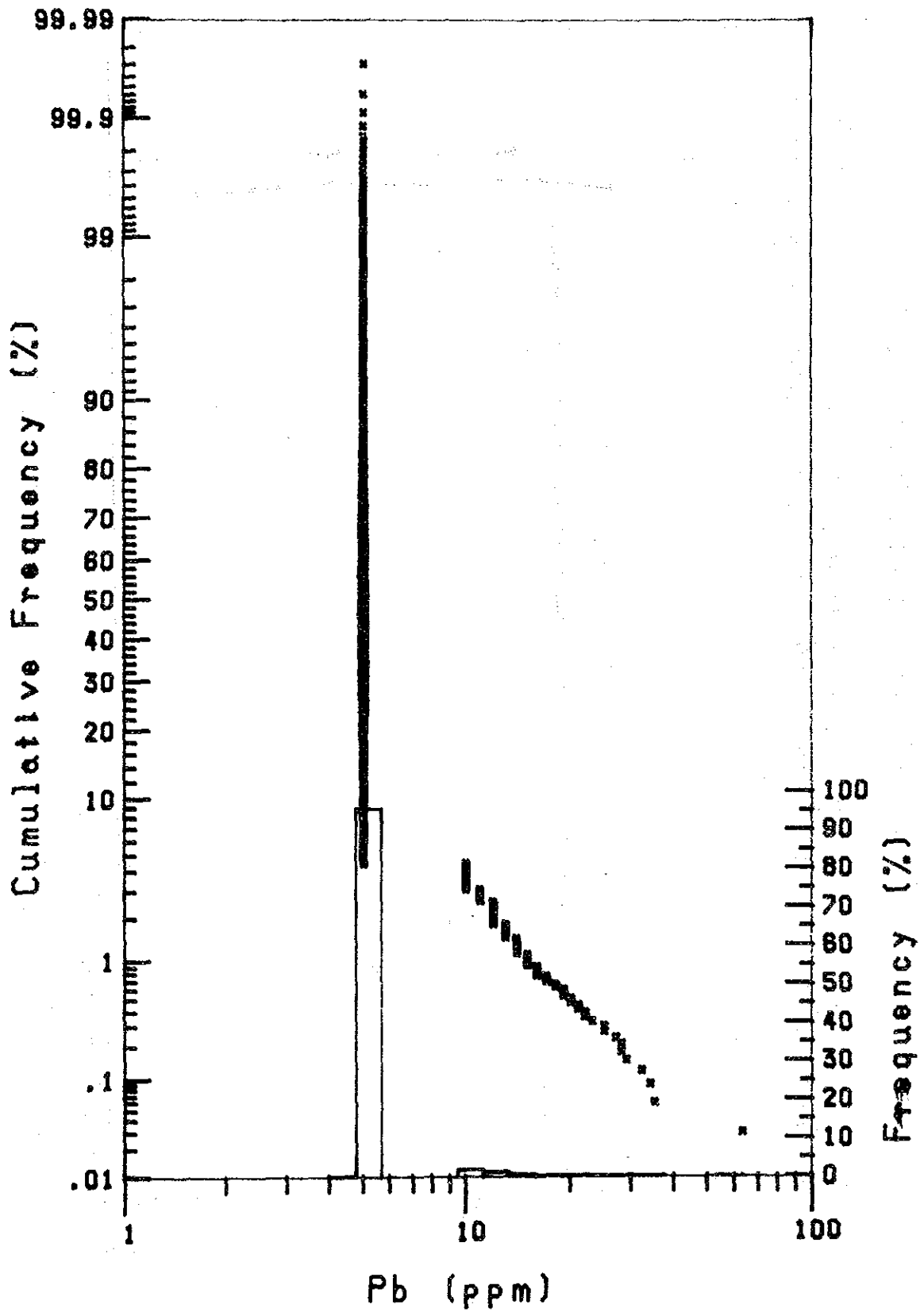
# Group 5. Pb

1182 Cases



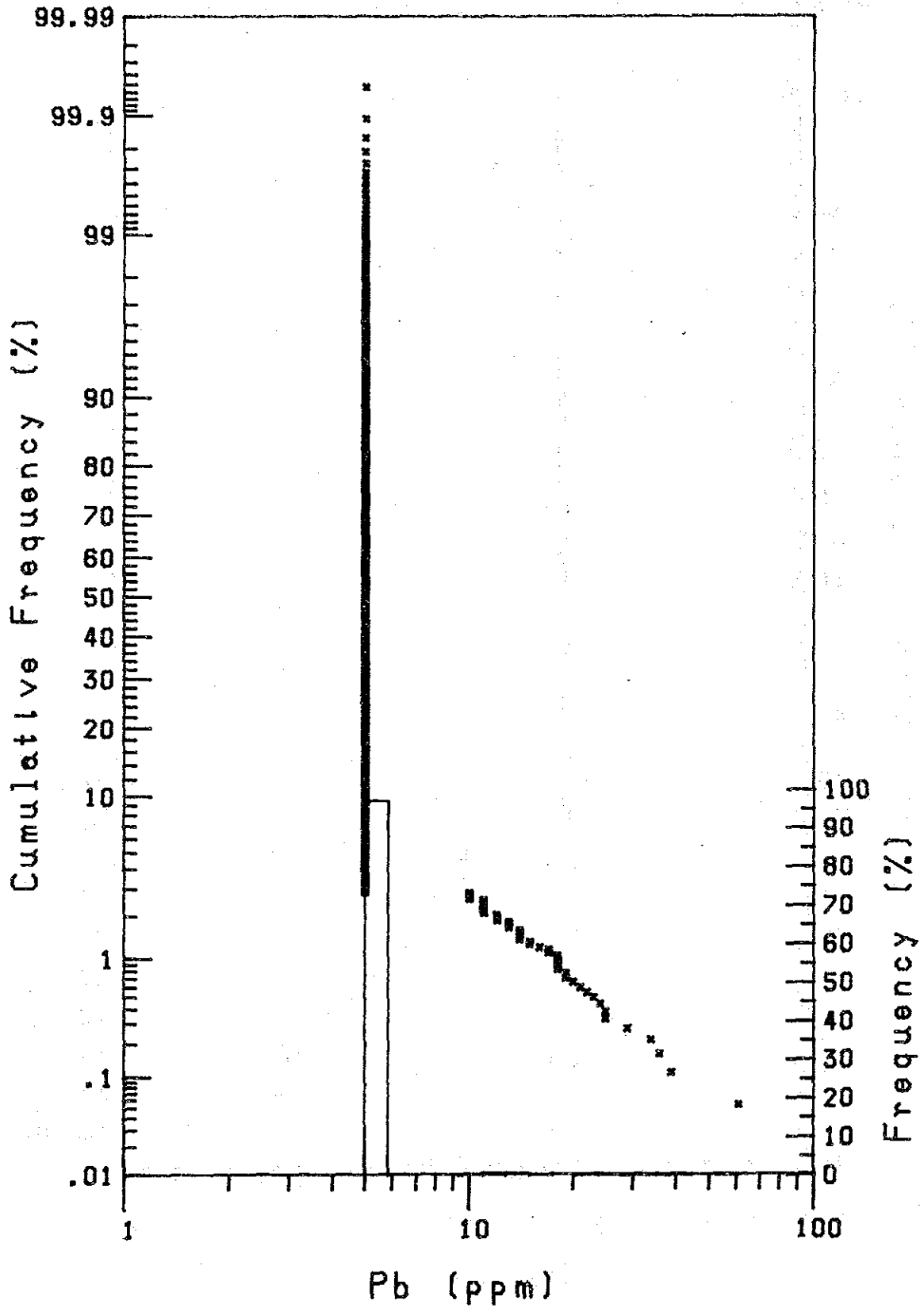
# Group 6.Pb

3361 Cases



Group 7. Pb

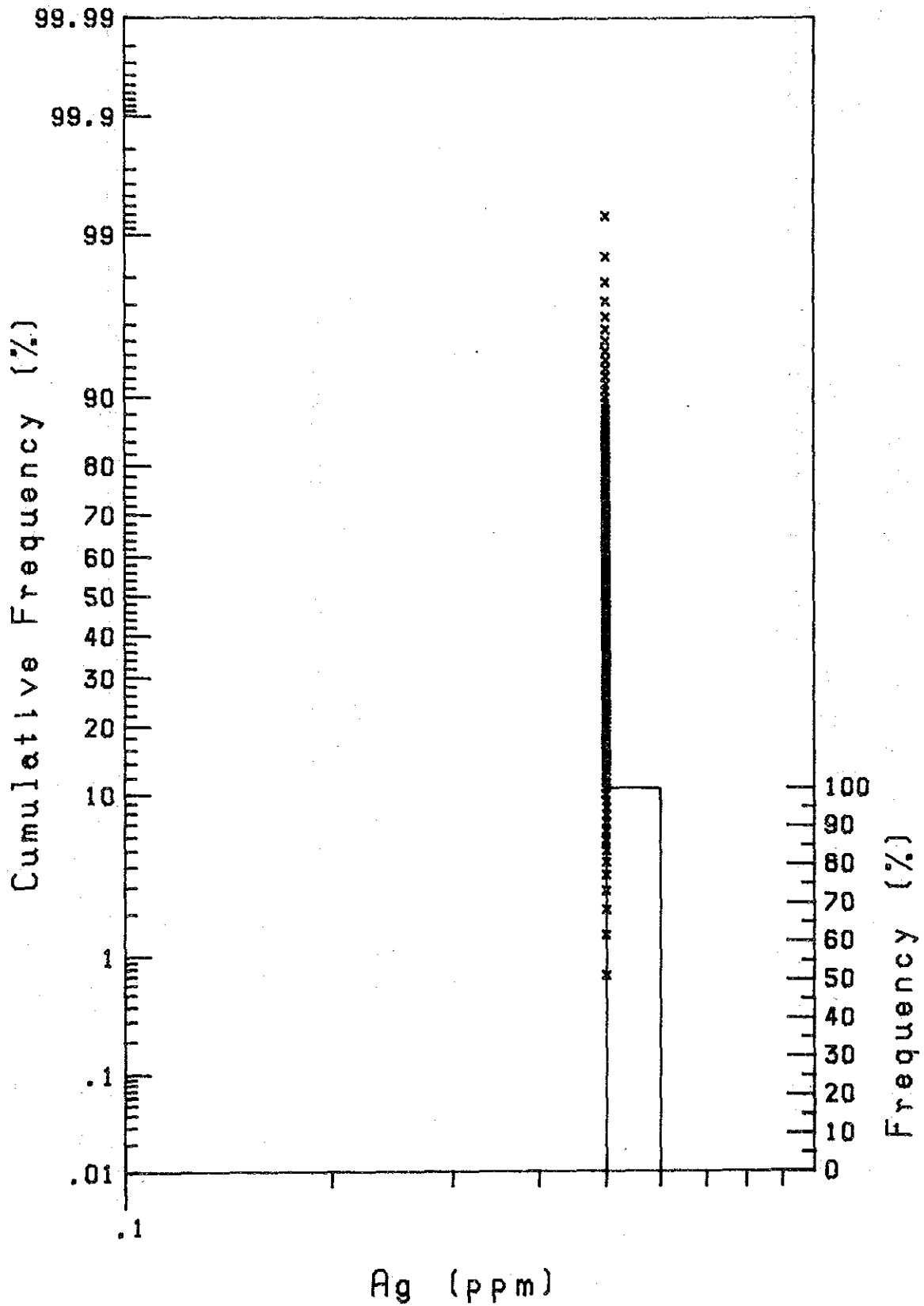
1807 Cases





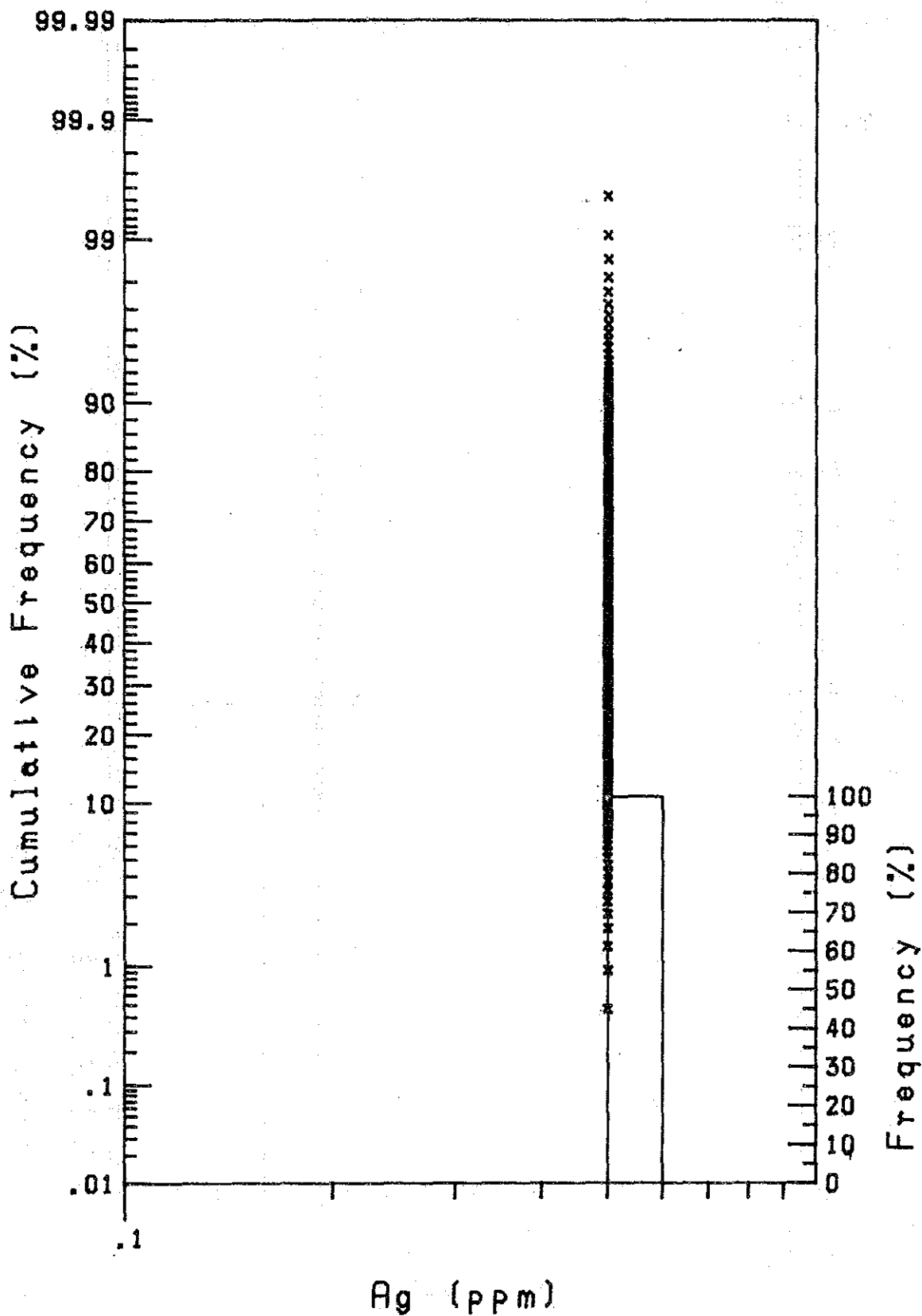
Group 1. Ag

140 Cases



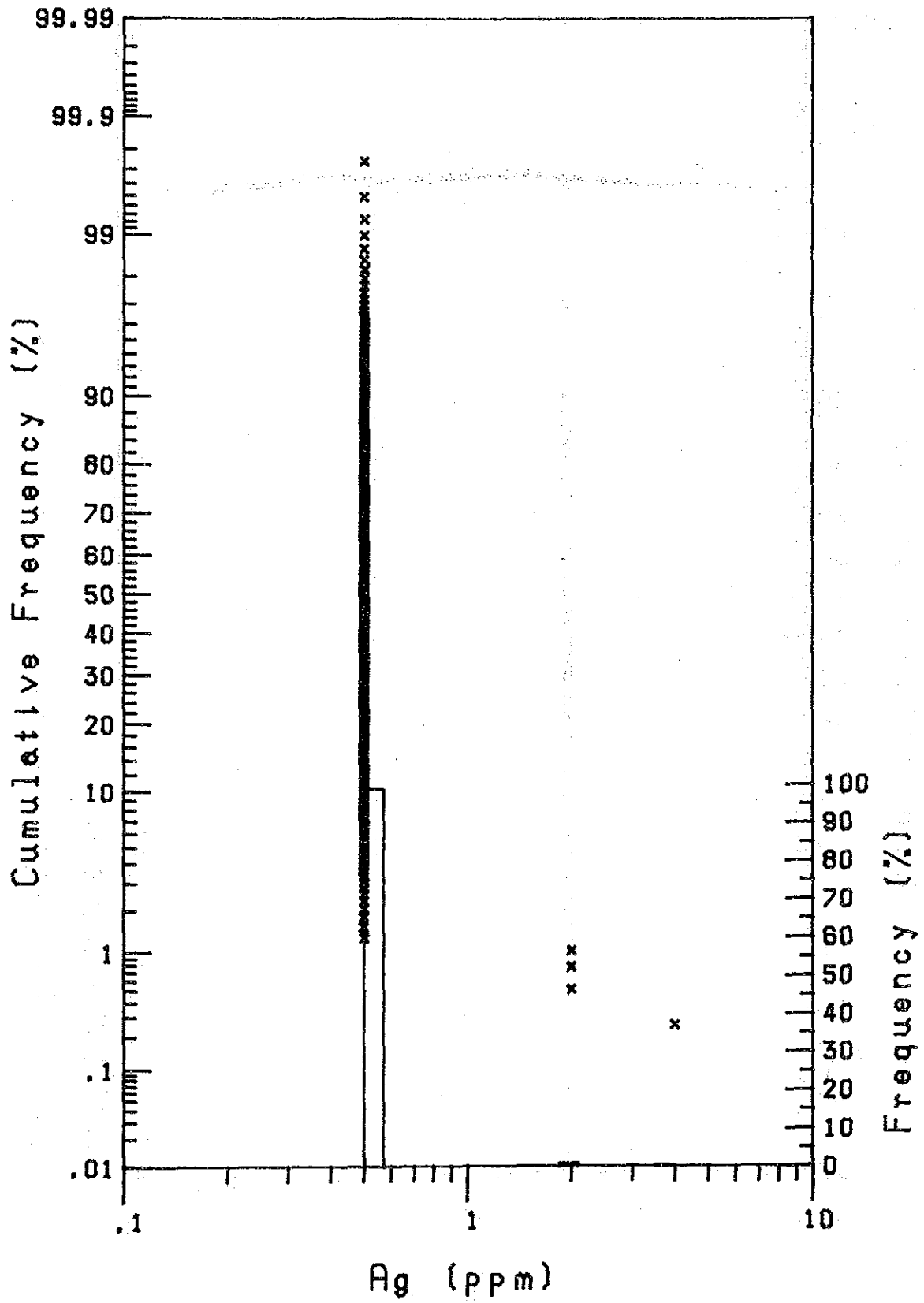
Group 2. Ag

215 Cases



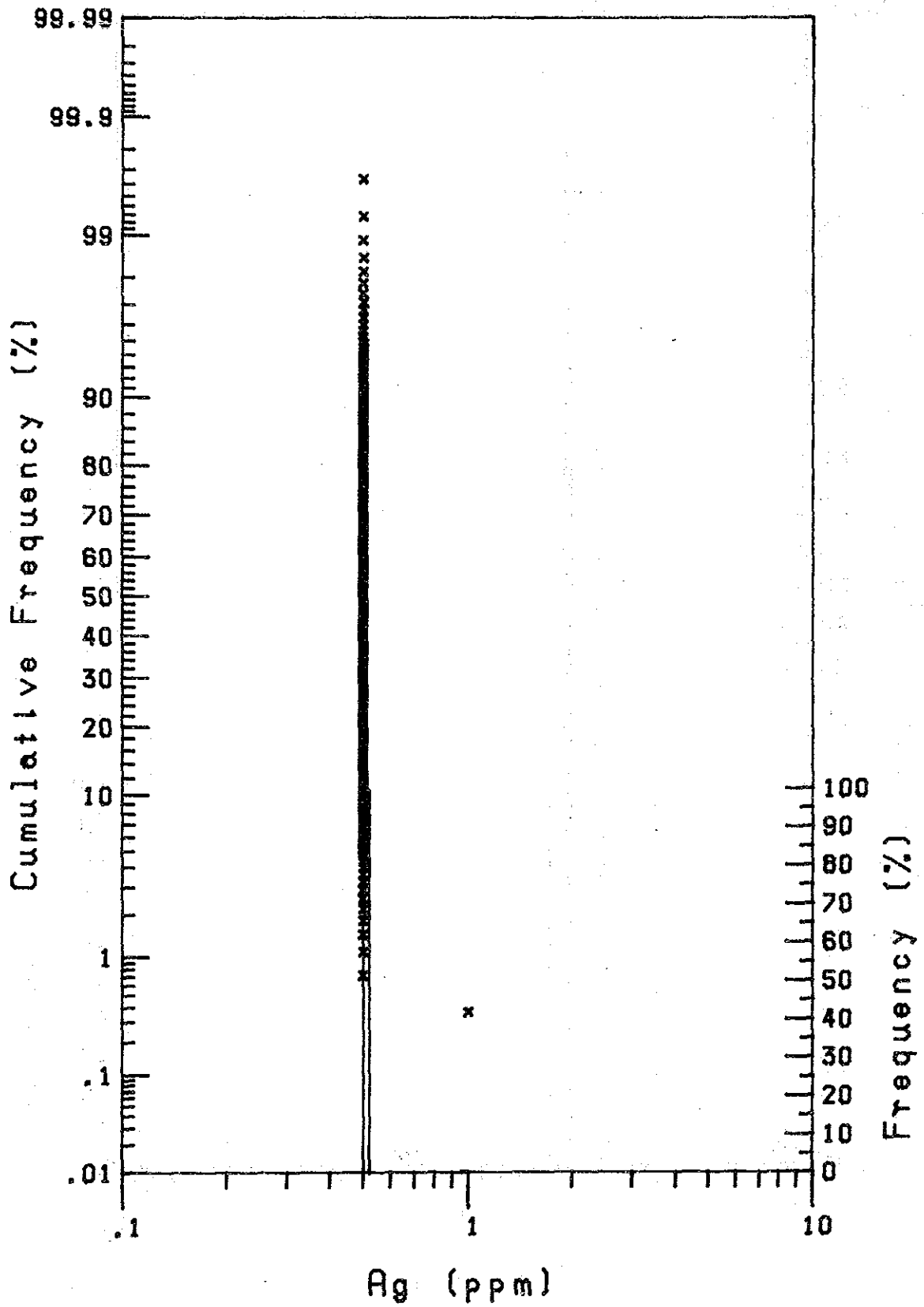
Group 3. Ag

391 Cases



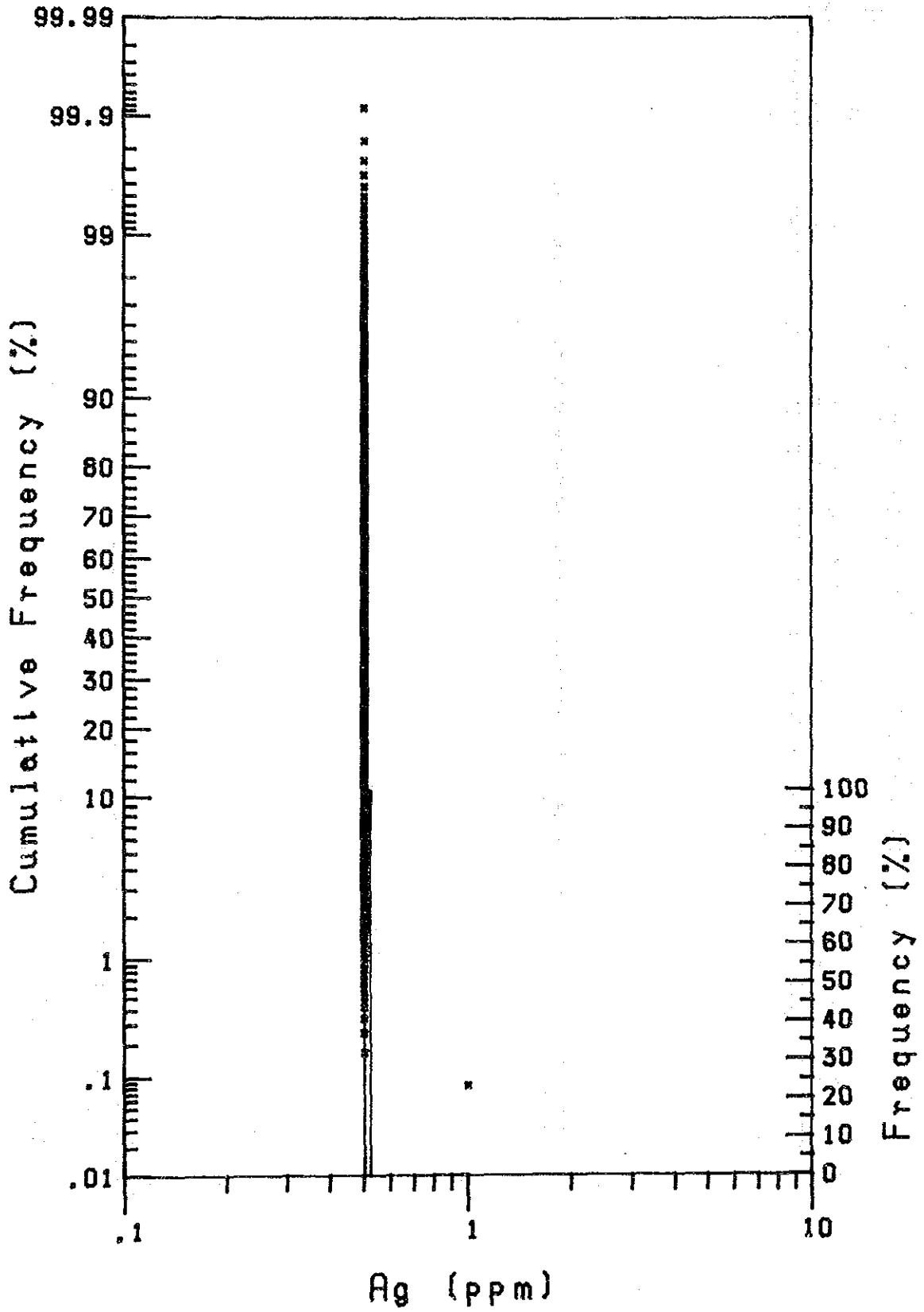
Group 4. Ag

275 Cases



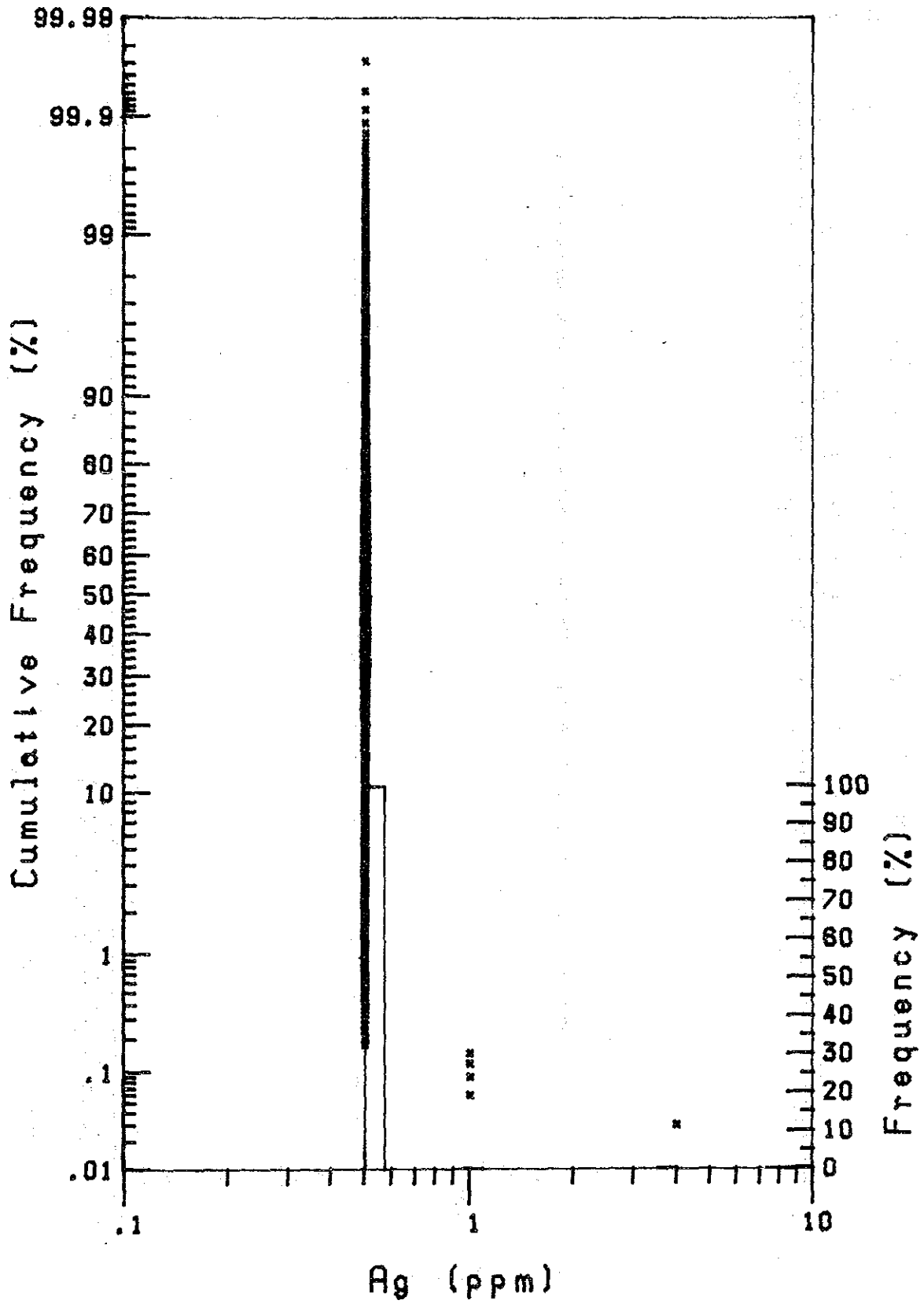
Group 5. Ag

1182 Cases



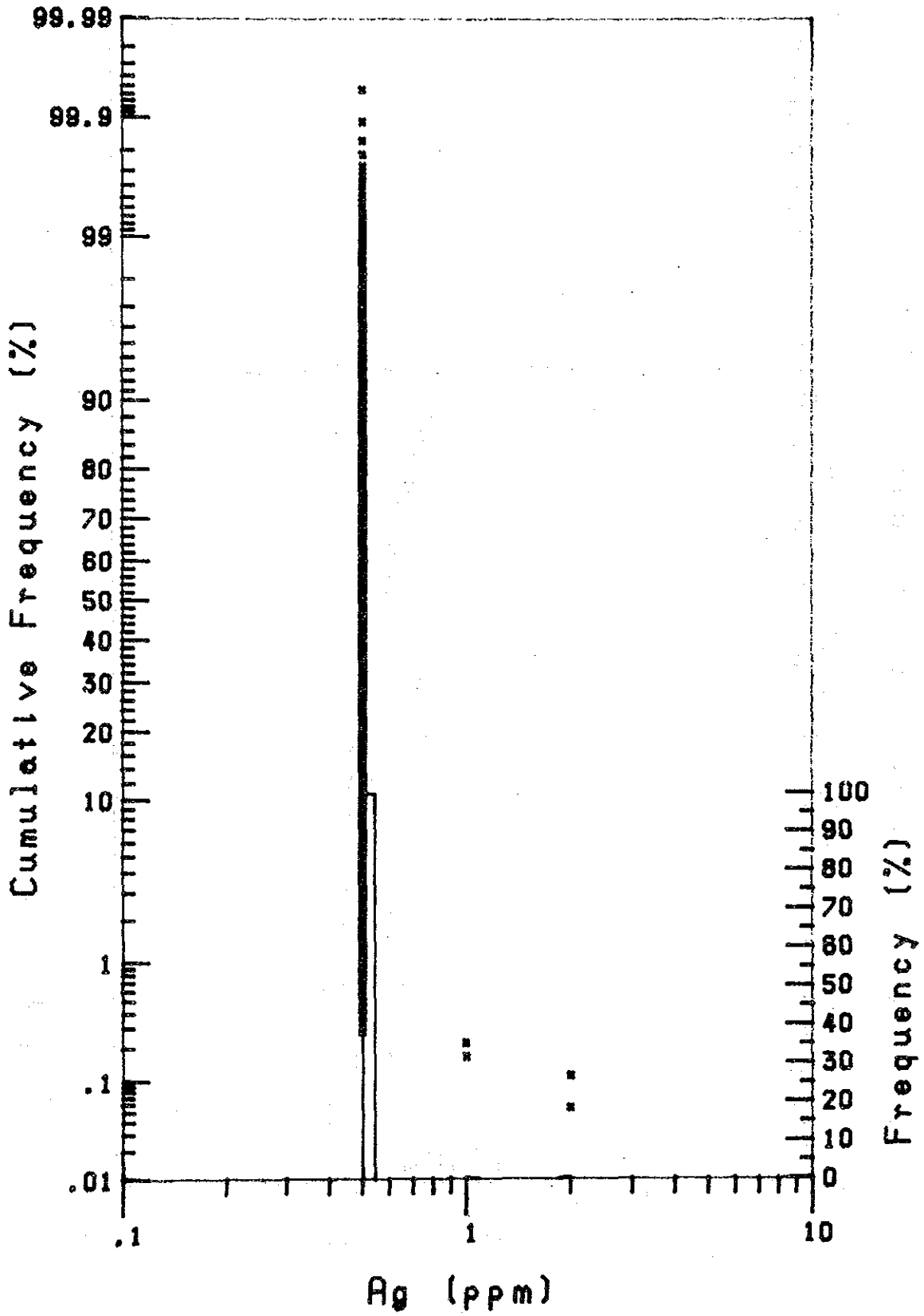
Group 6. Ag

3361 Cases



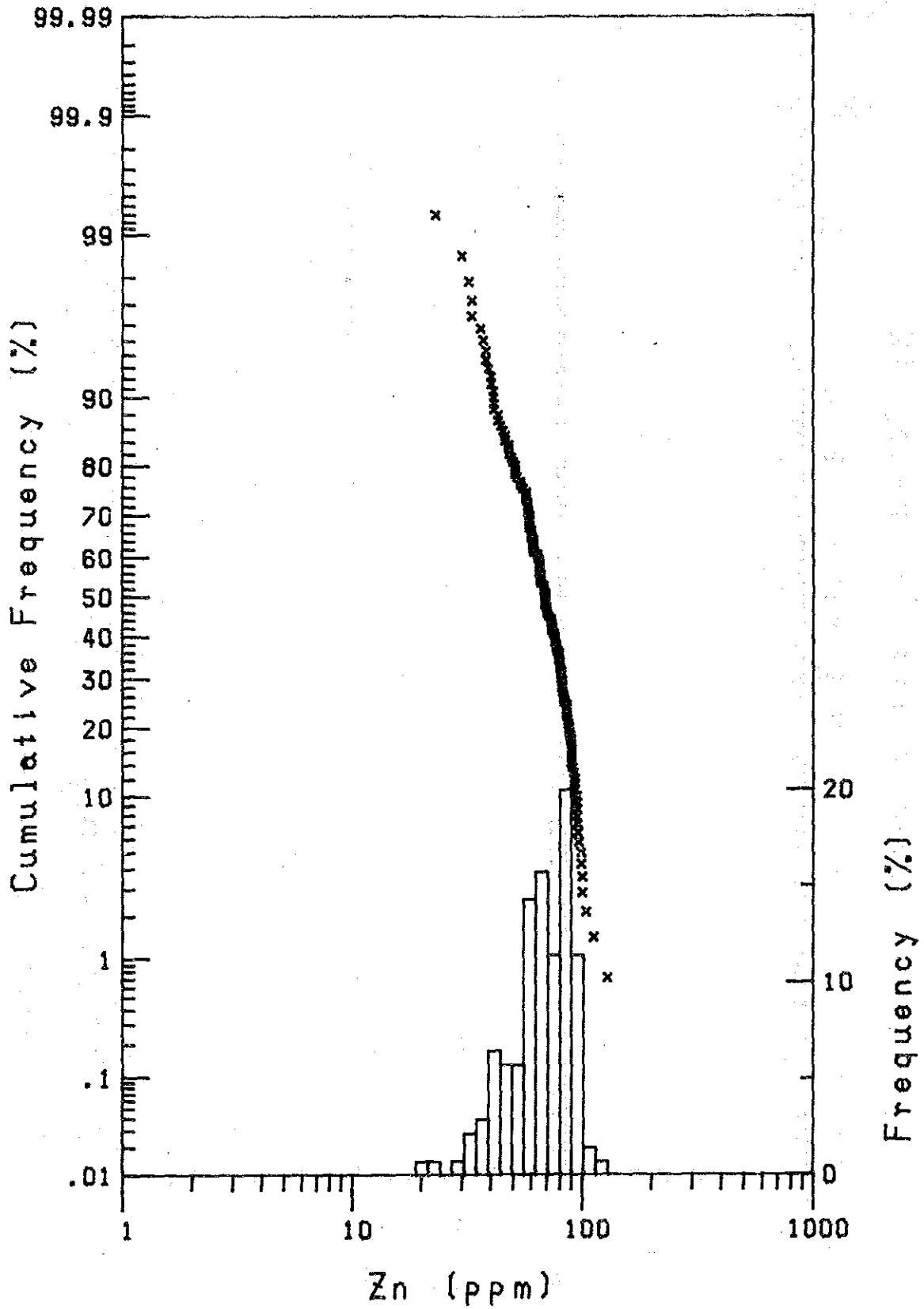
Group 7. Ag

1807 Cases



Group 1. Zn

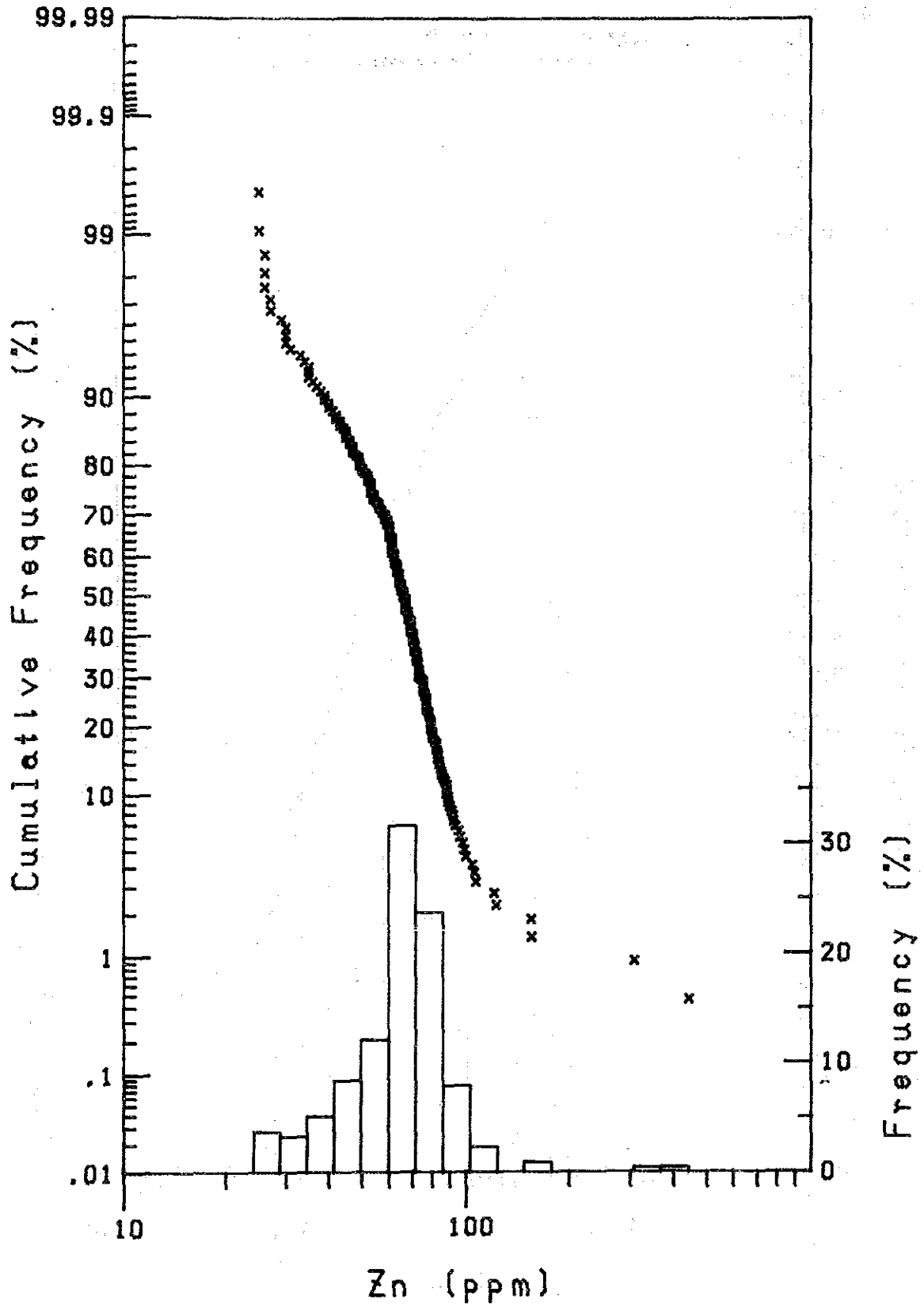
140 Cases





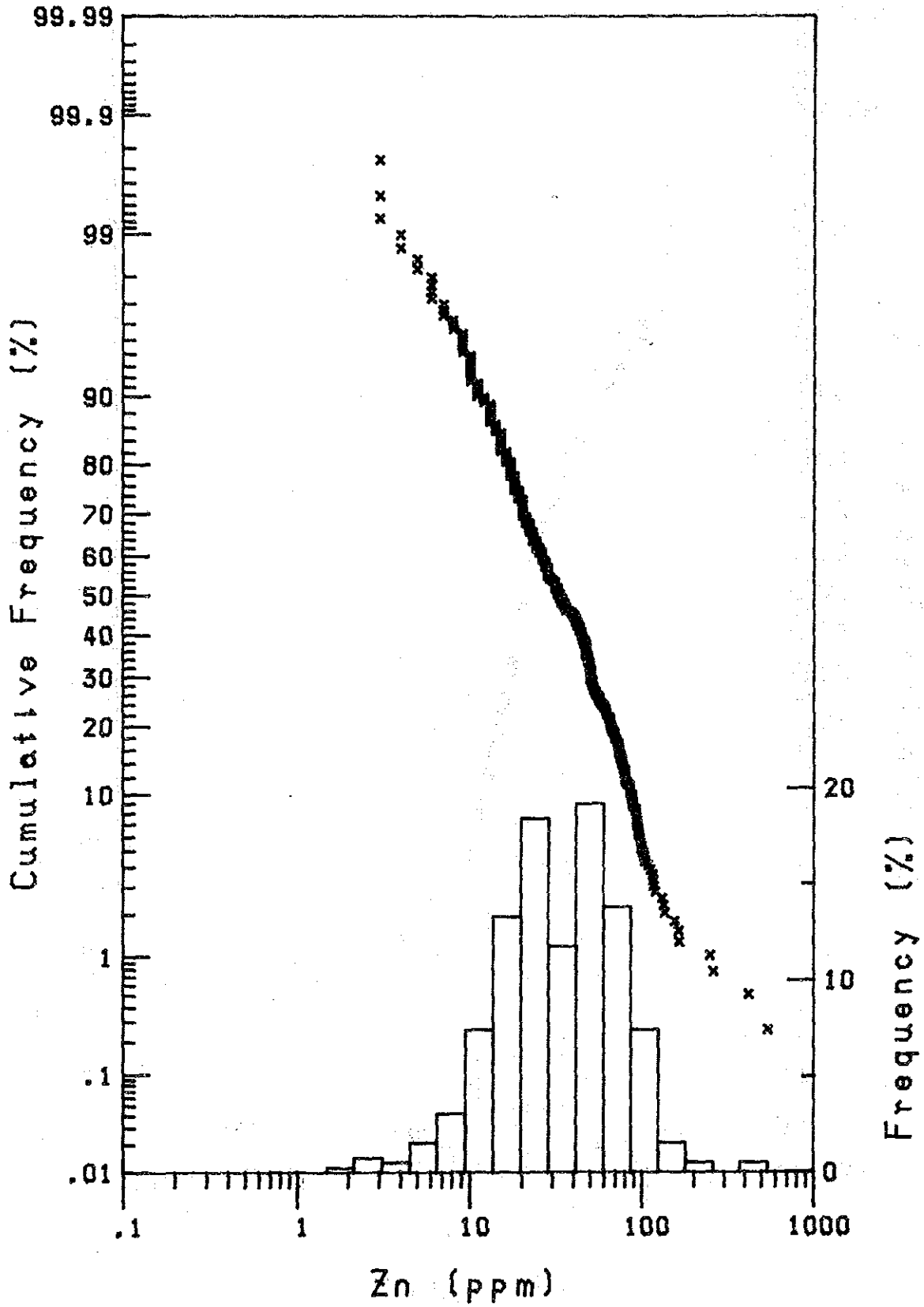
Group 2. Zn

215 Cases



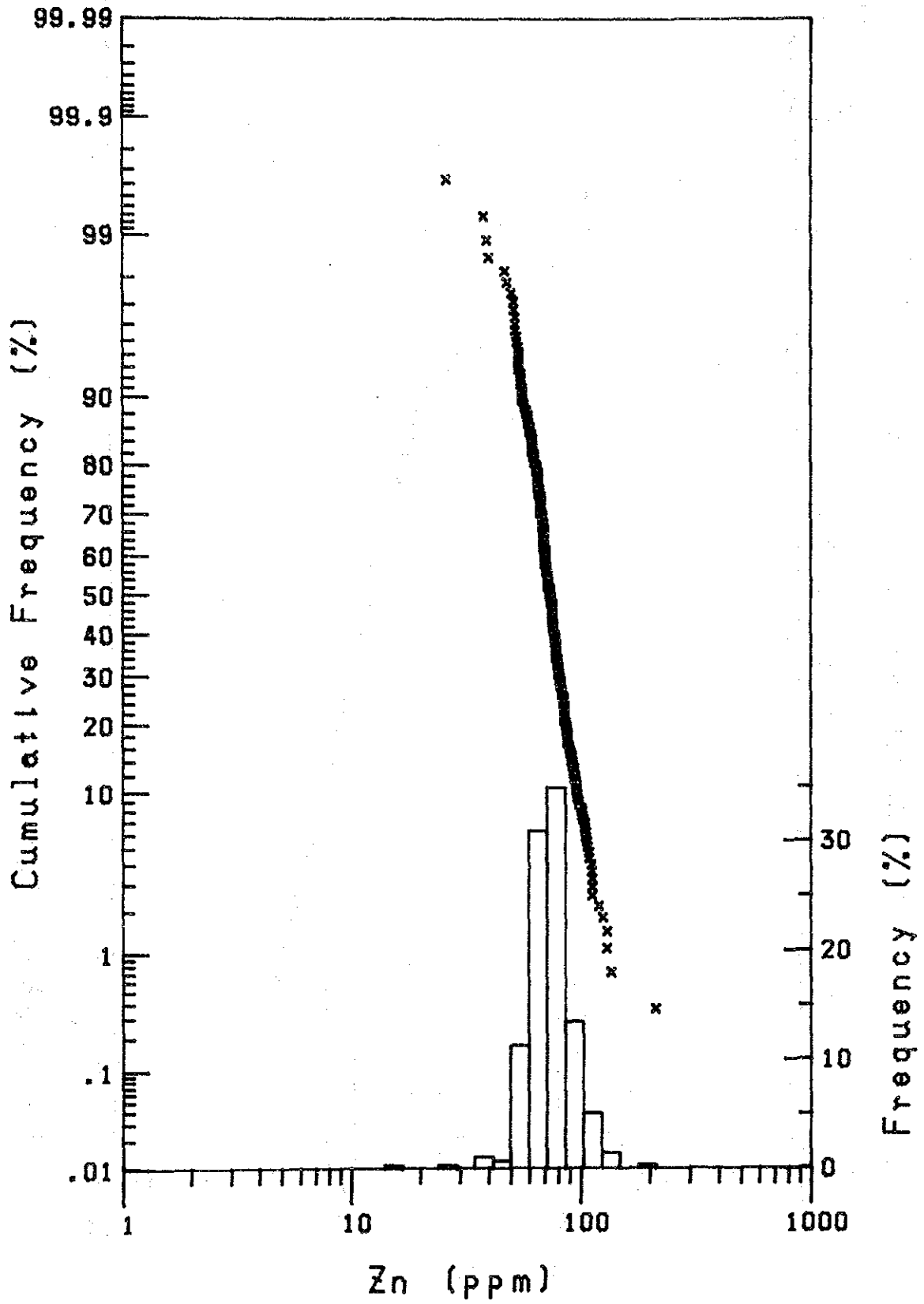
Group 3. Zn

391 Cases



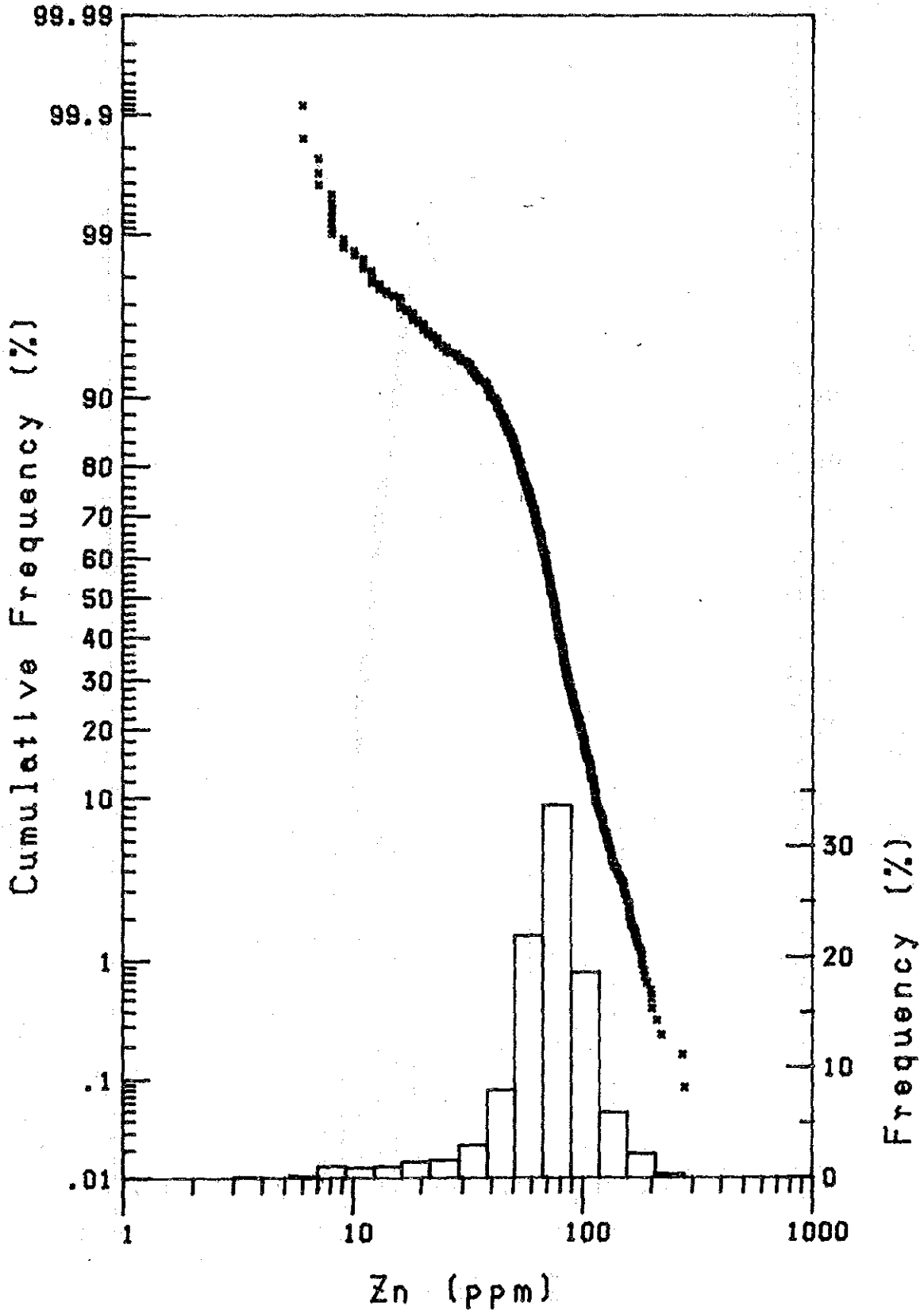
Group 4, Zn

275 Cases



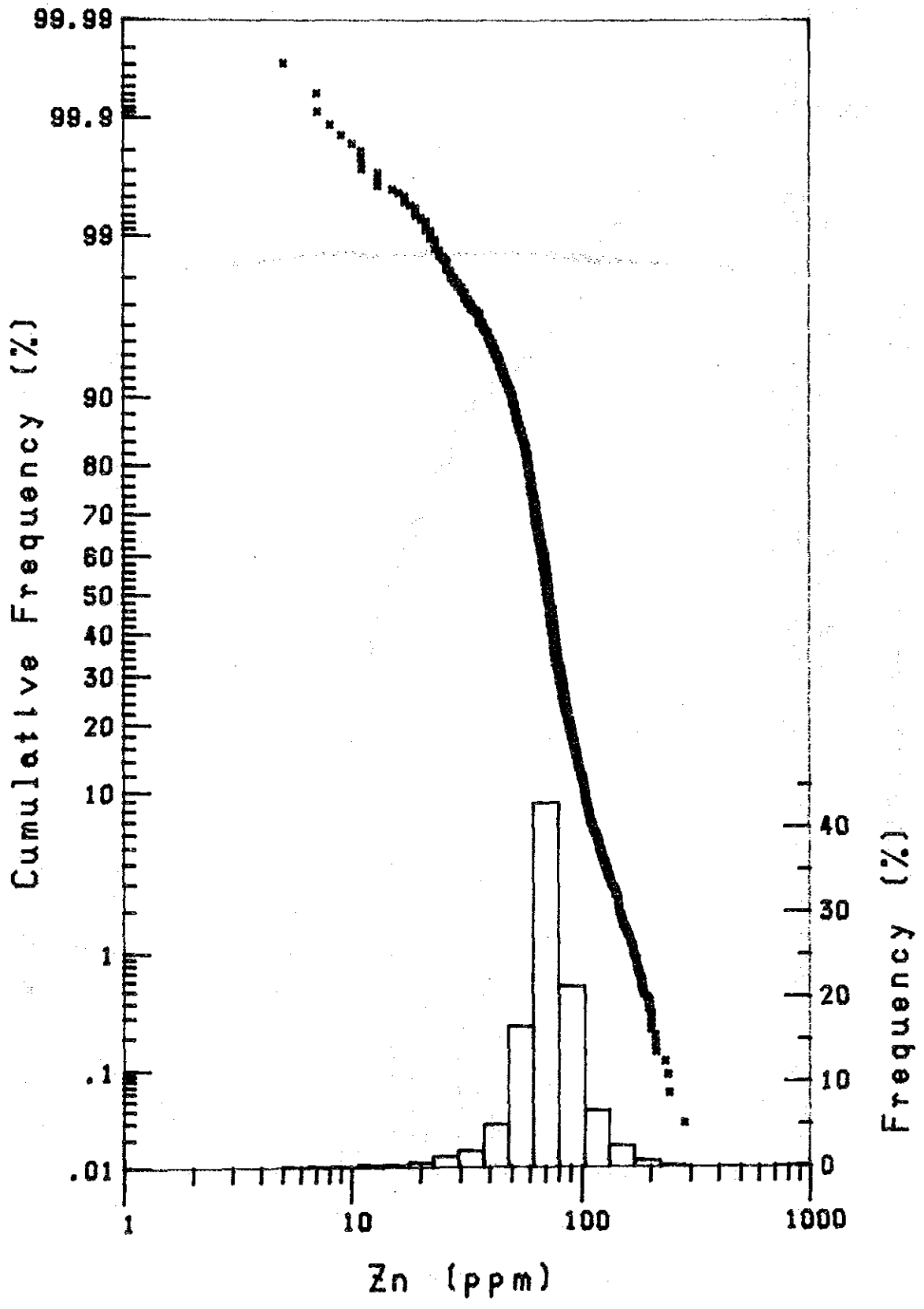
Group 5. Zn

1182 Cases



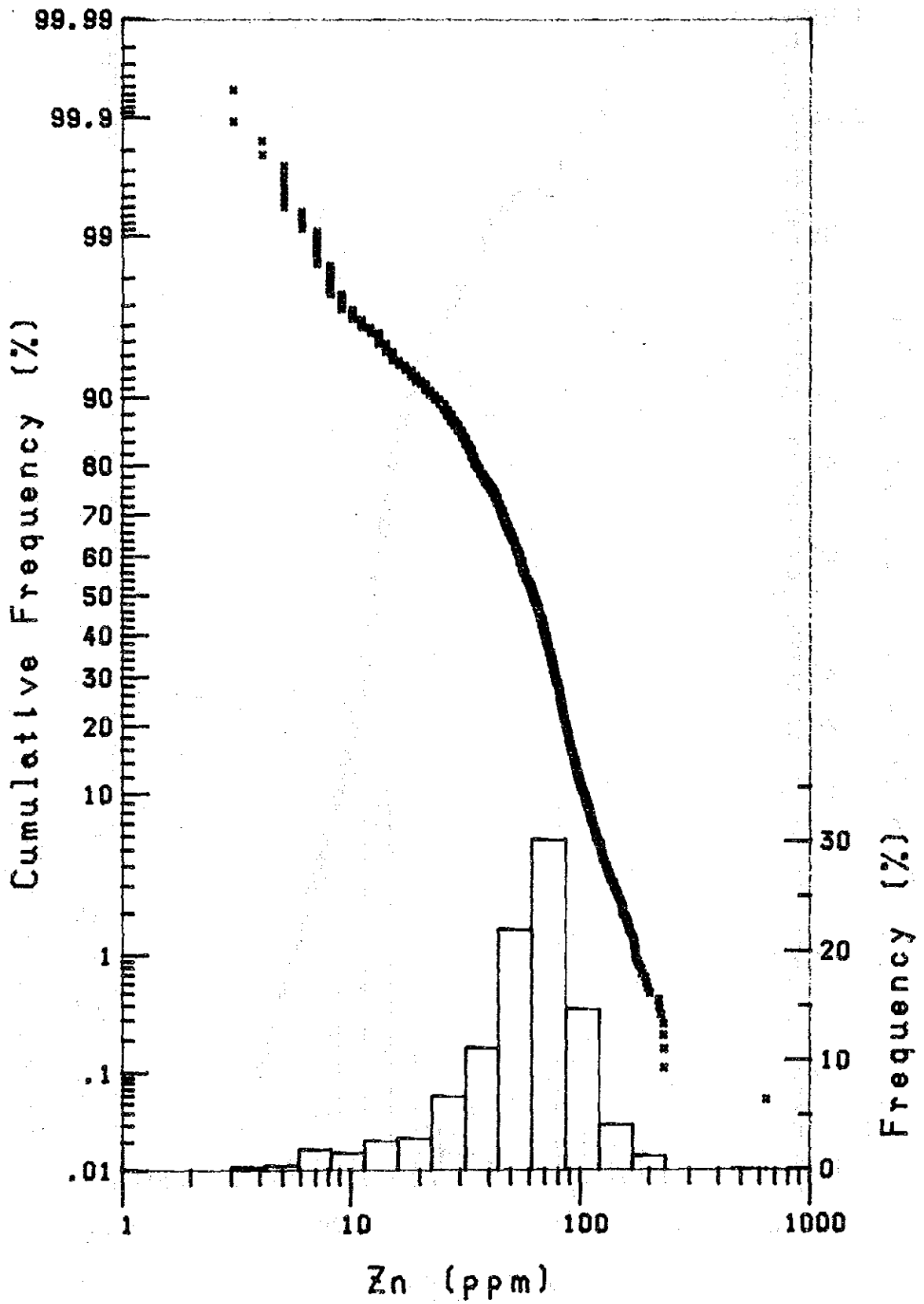
Group 6. Zn

3361 Cases



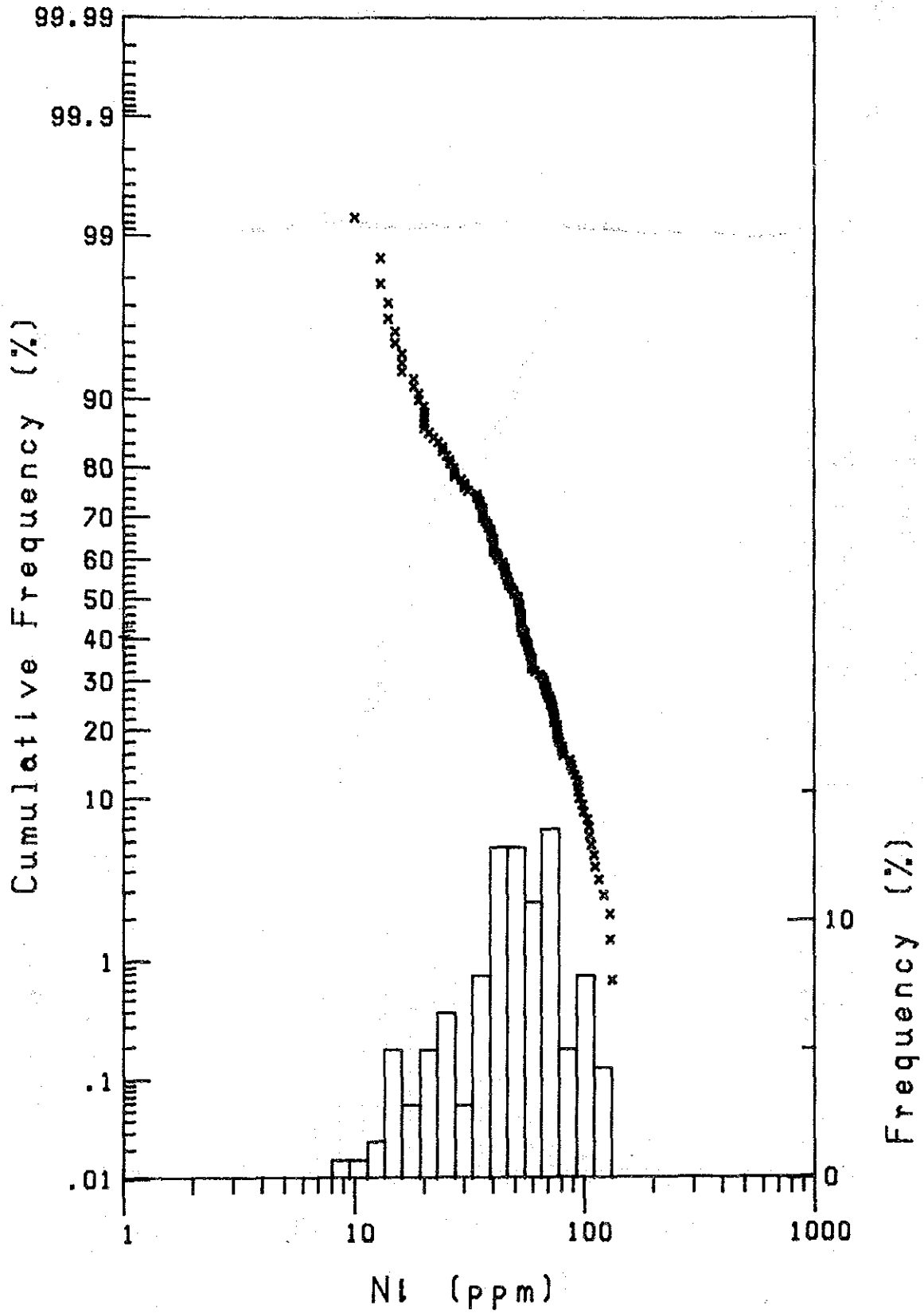
Group 7. Zn

1807 Cases



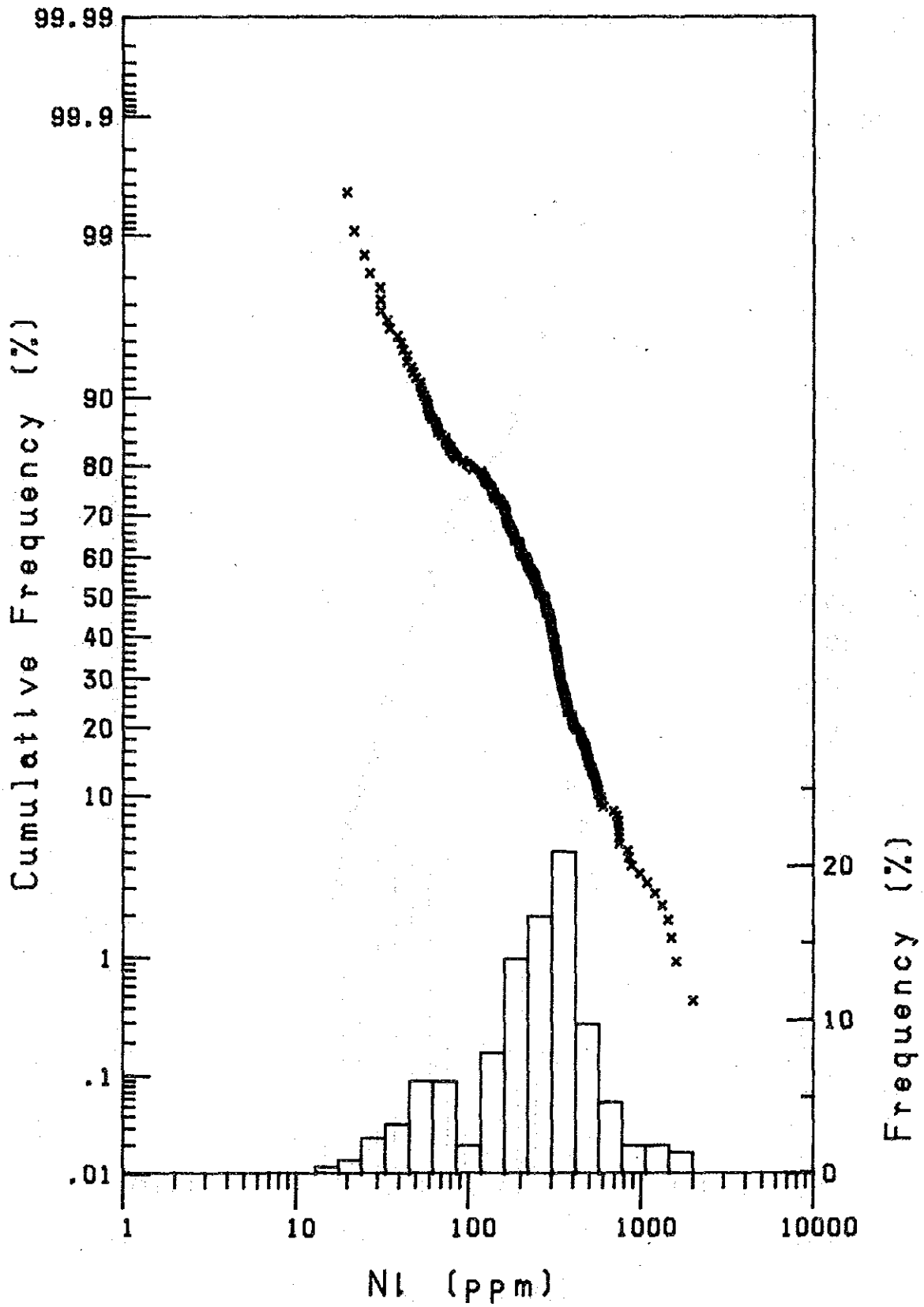
Group 1. Ni

140 Cases



Group 2. Ni

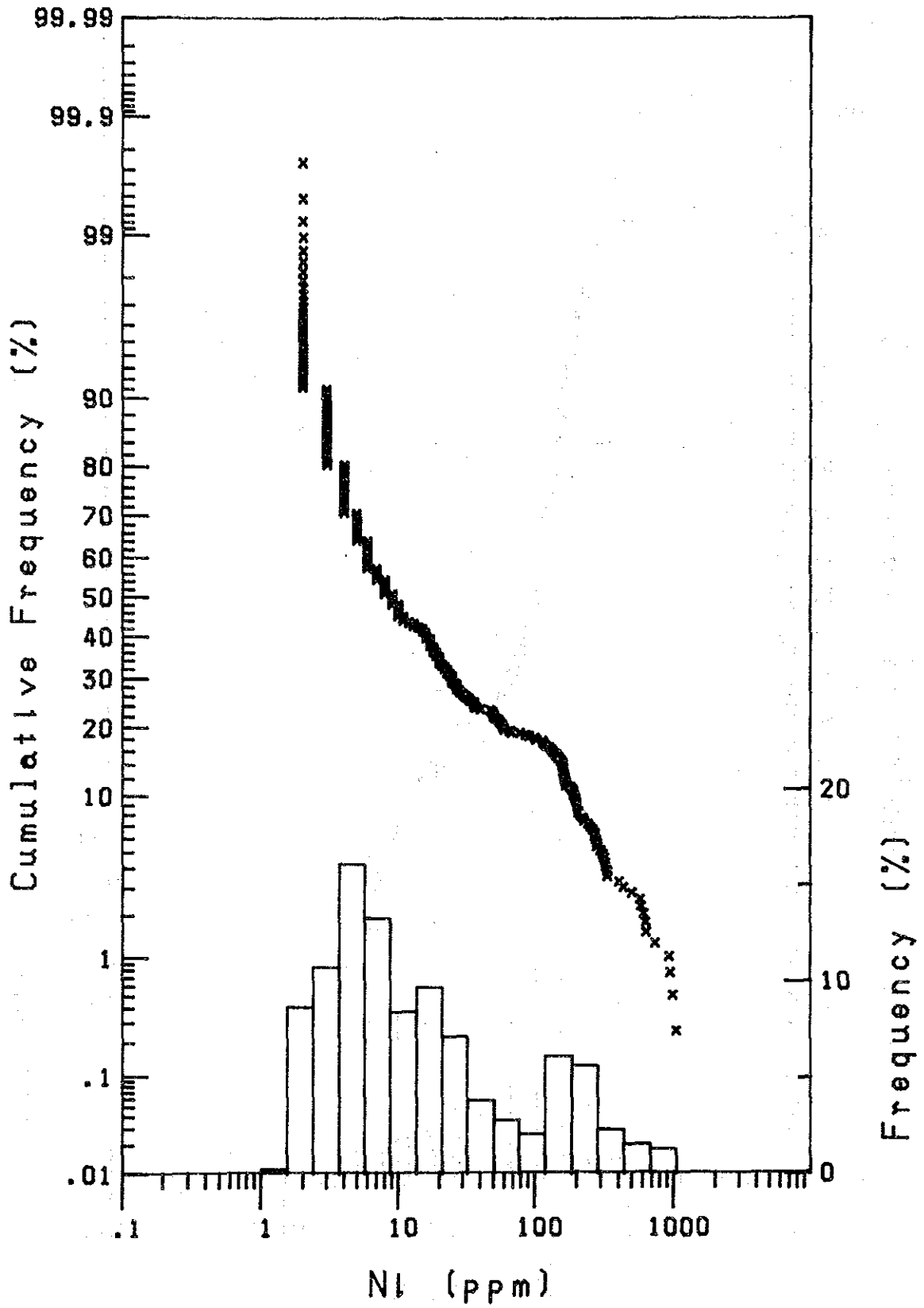
215 Cases





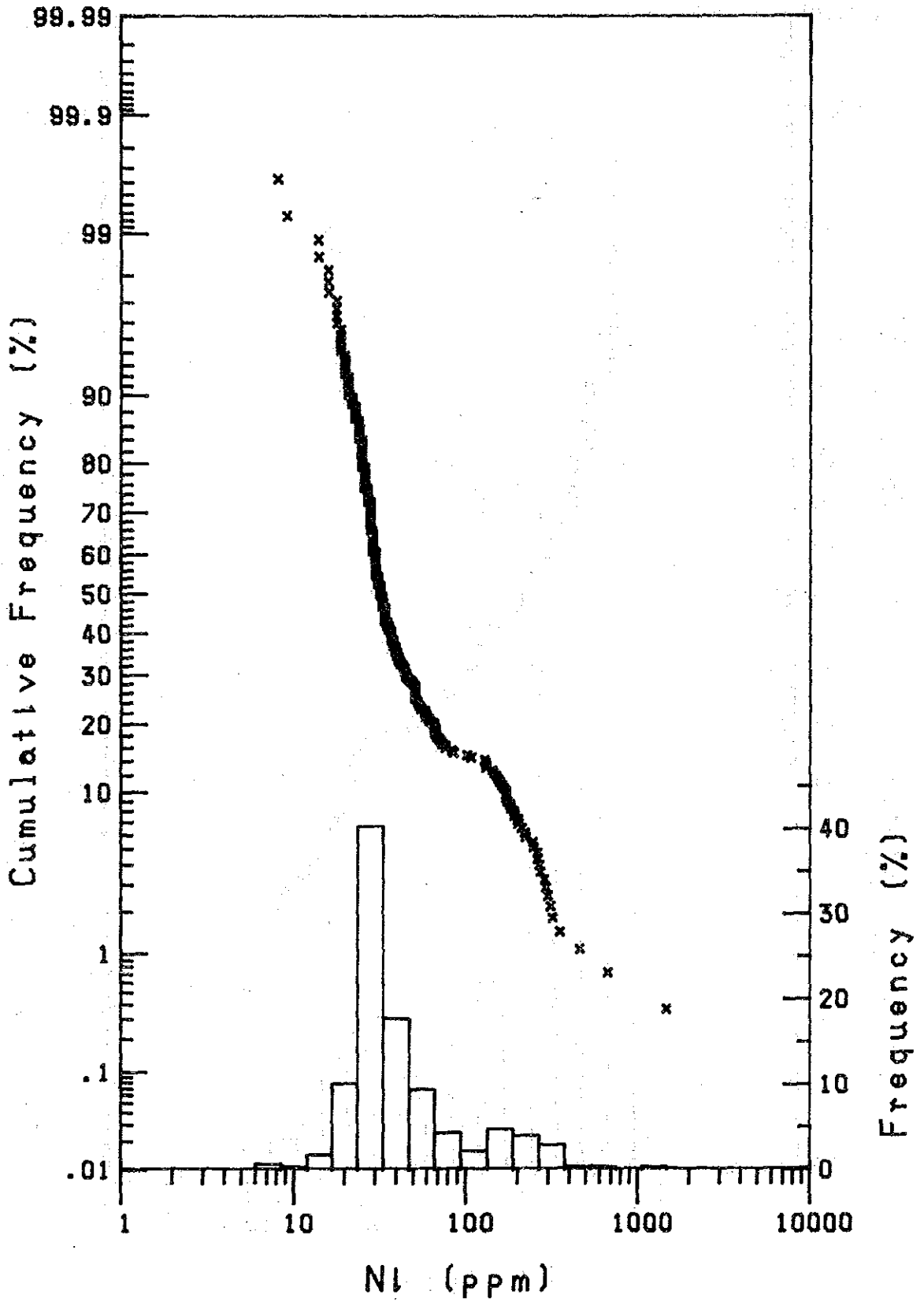
Group 3.NI

391 Cases



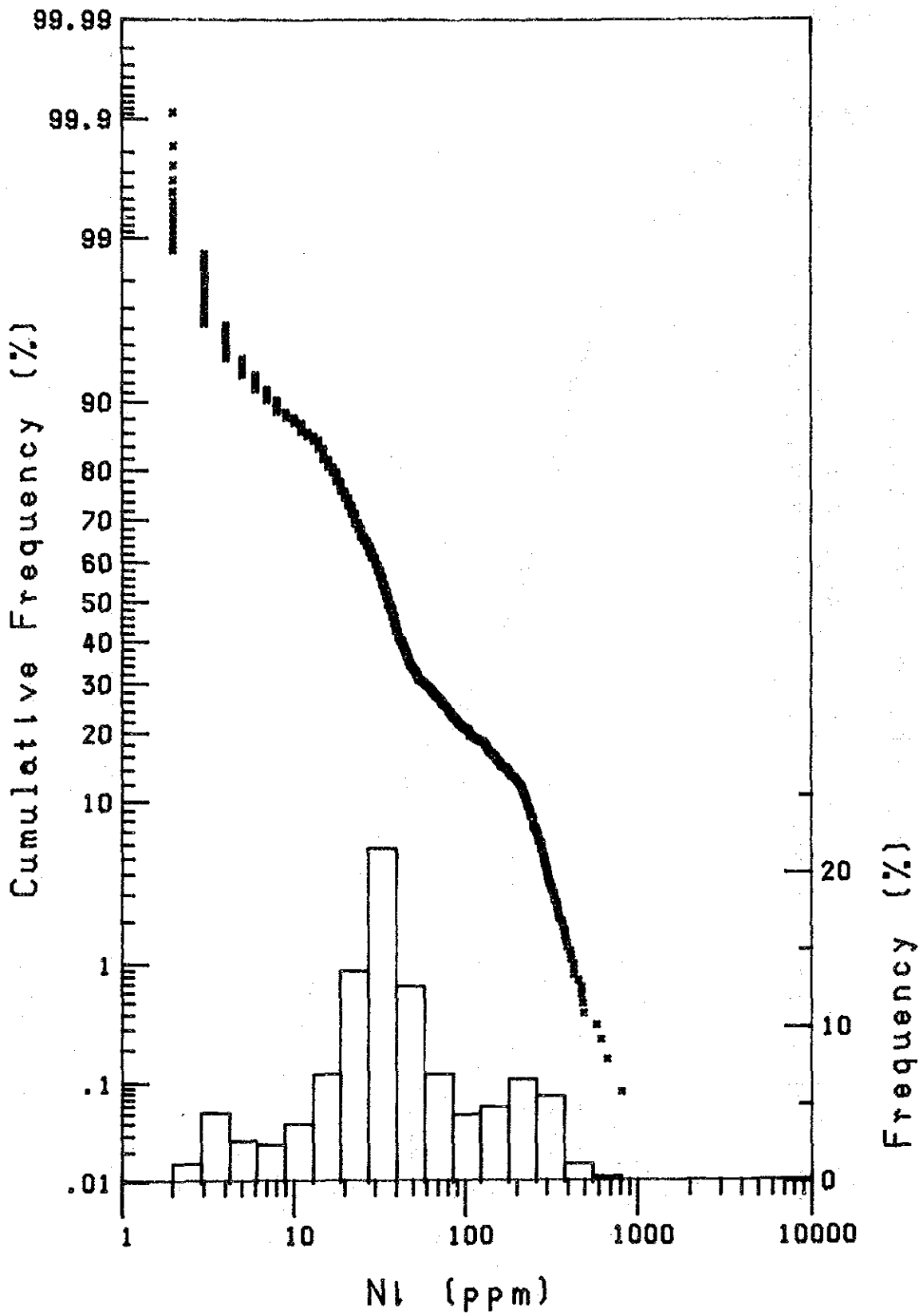
Group 4. Ni

275 Cases



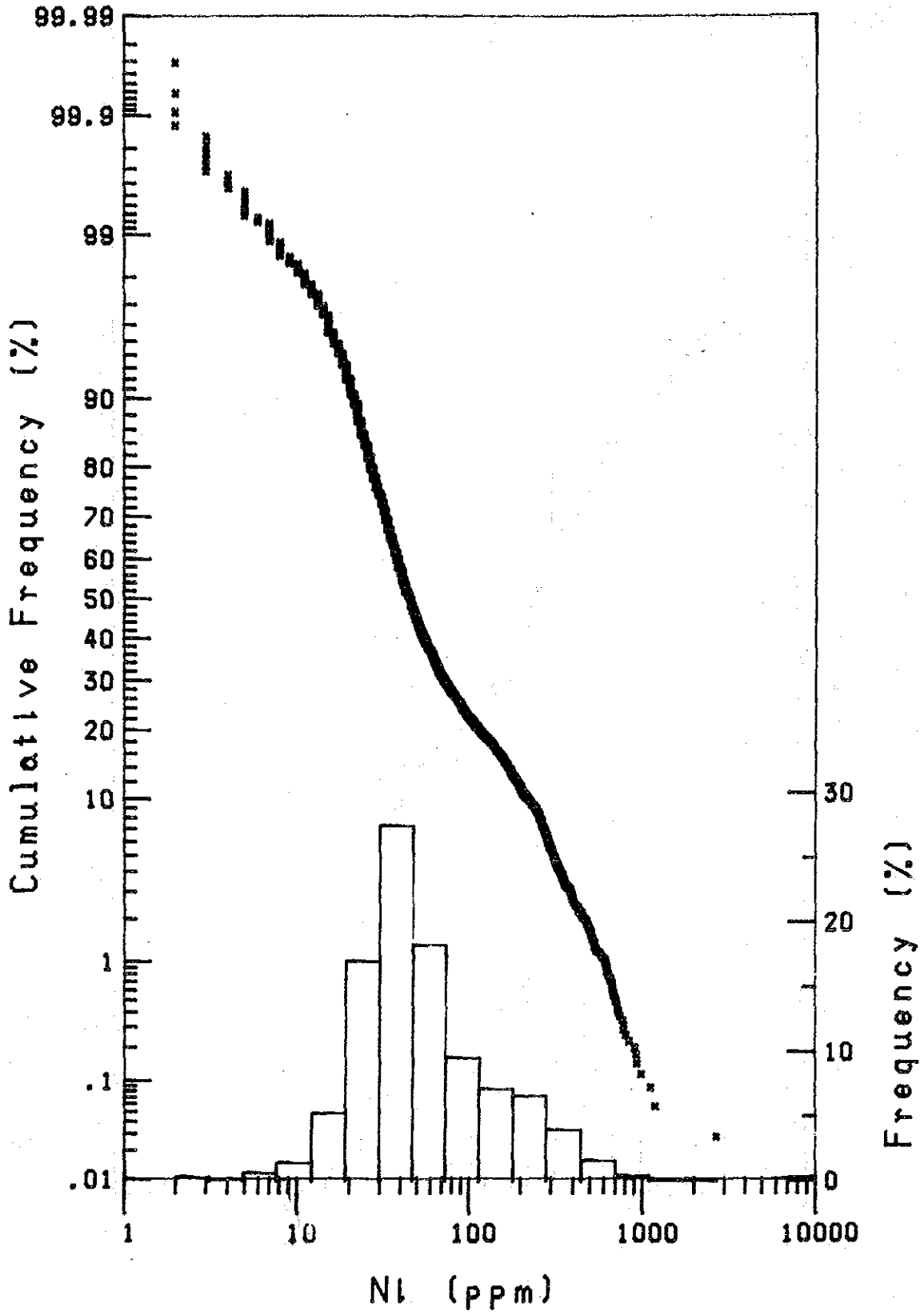
Group 5. Ni

1182 Cases



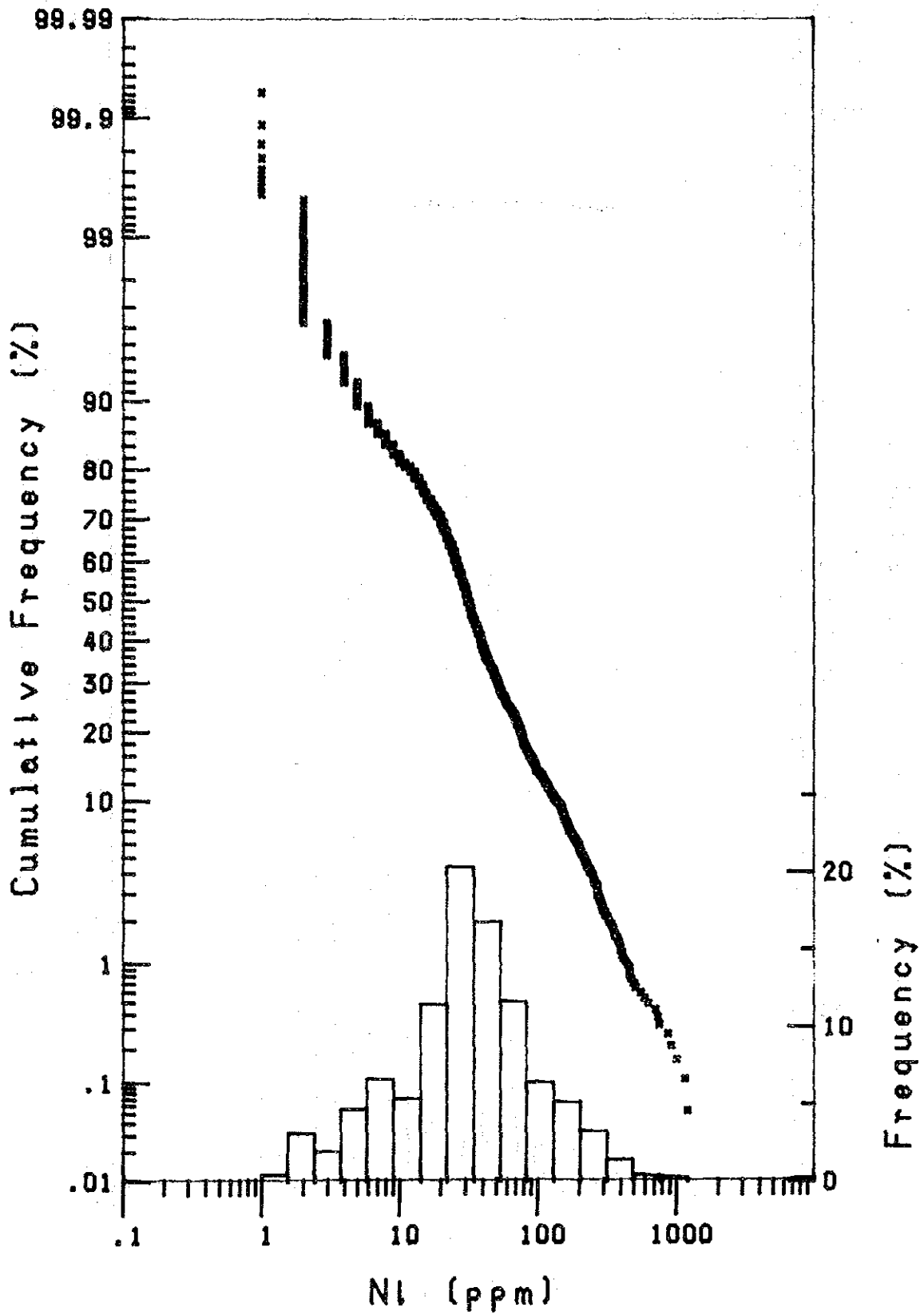
Group 6.NI

3361 Cases



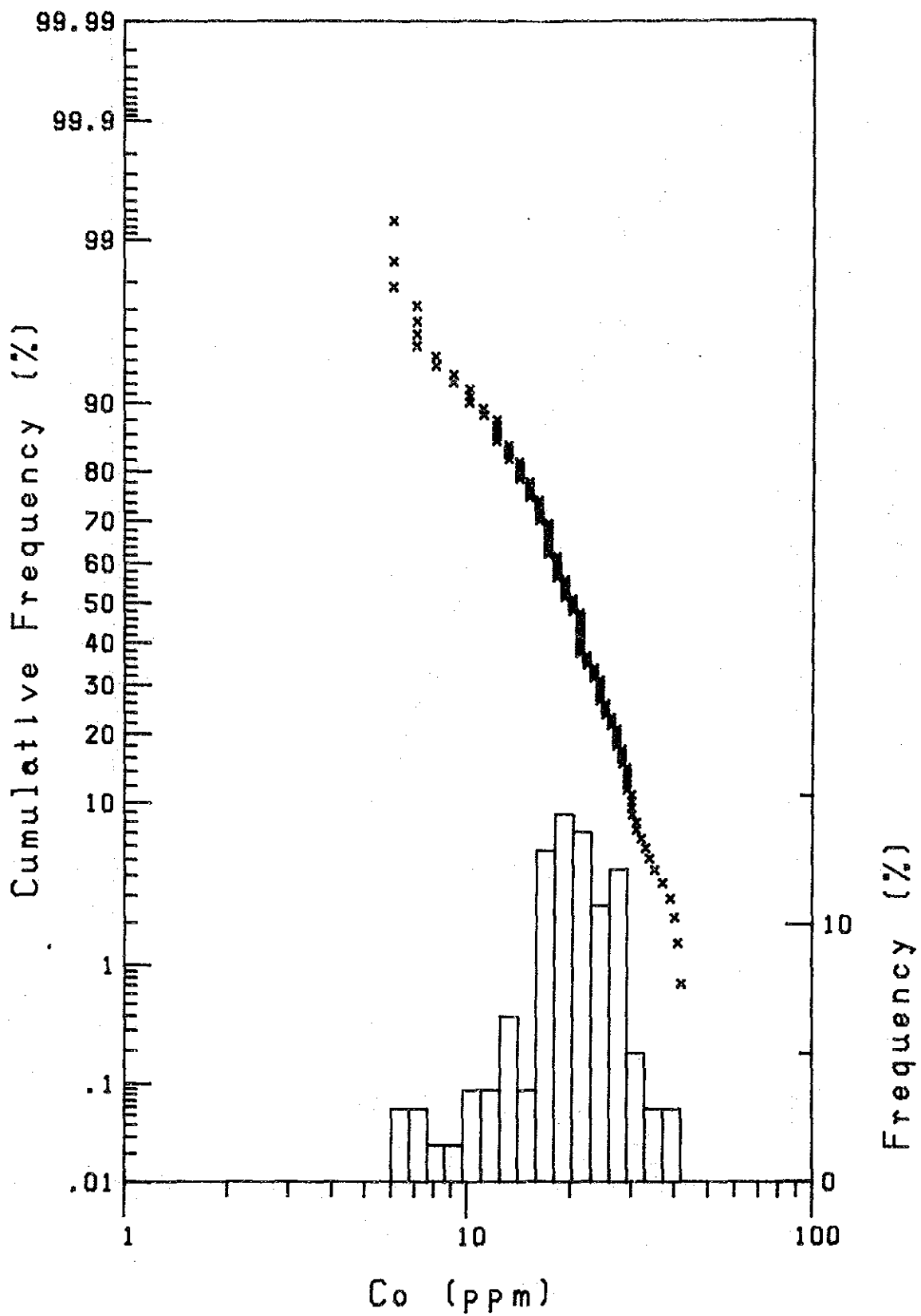
Group 7.NI

1807 Cases



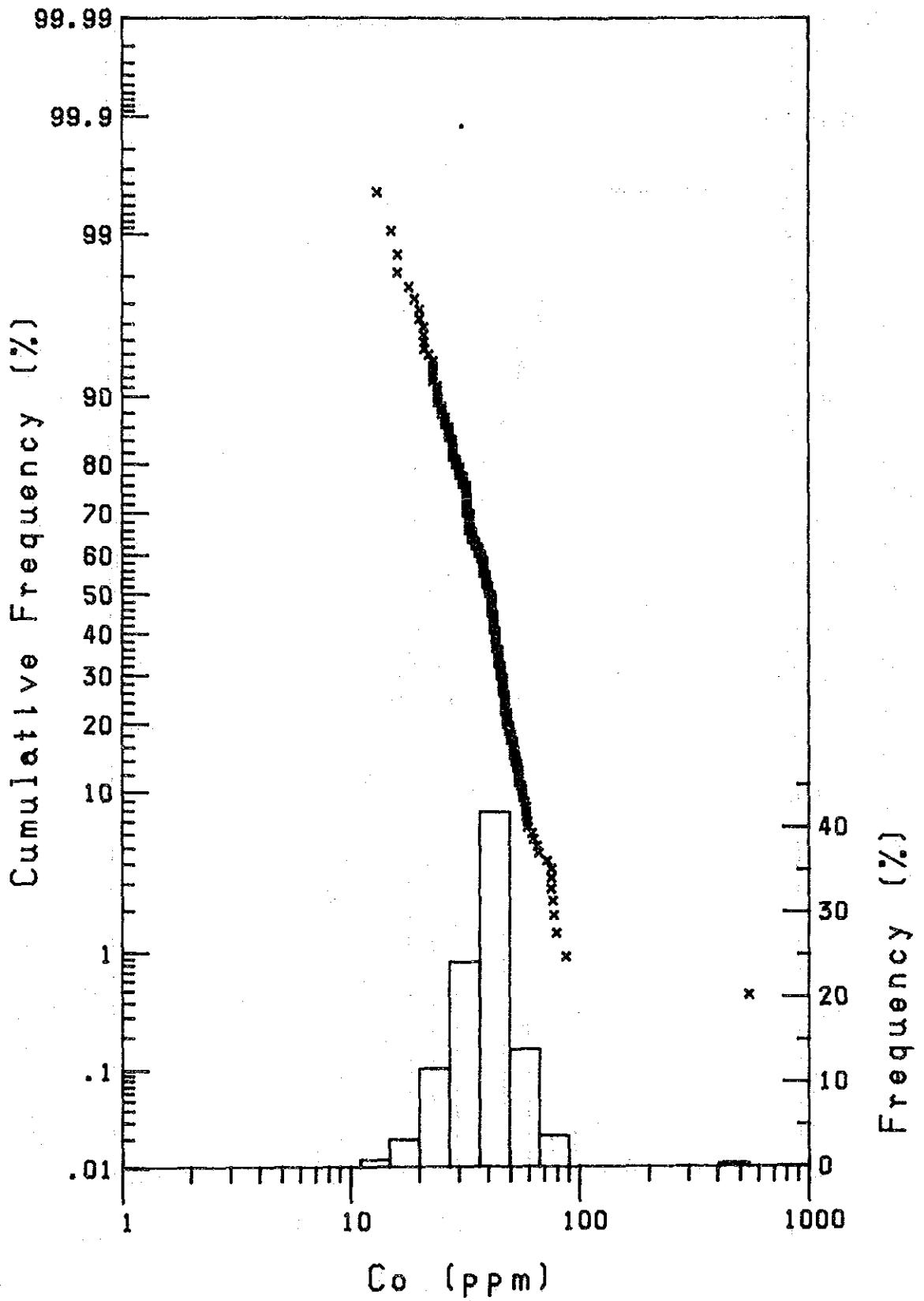
Group 1.Co

140 Cases



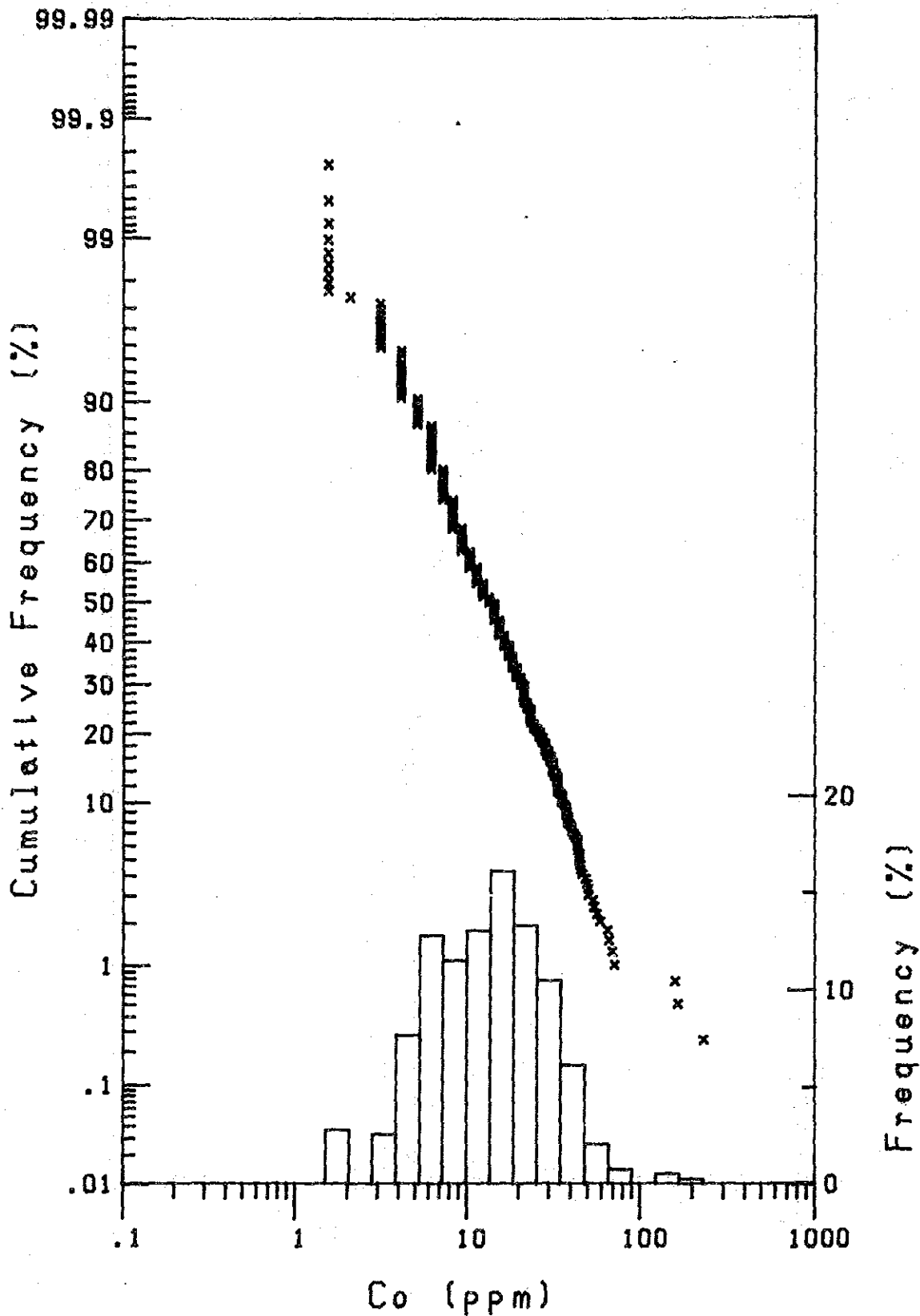
Group 2. Co

215 Cases



Group 3. Co

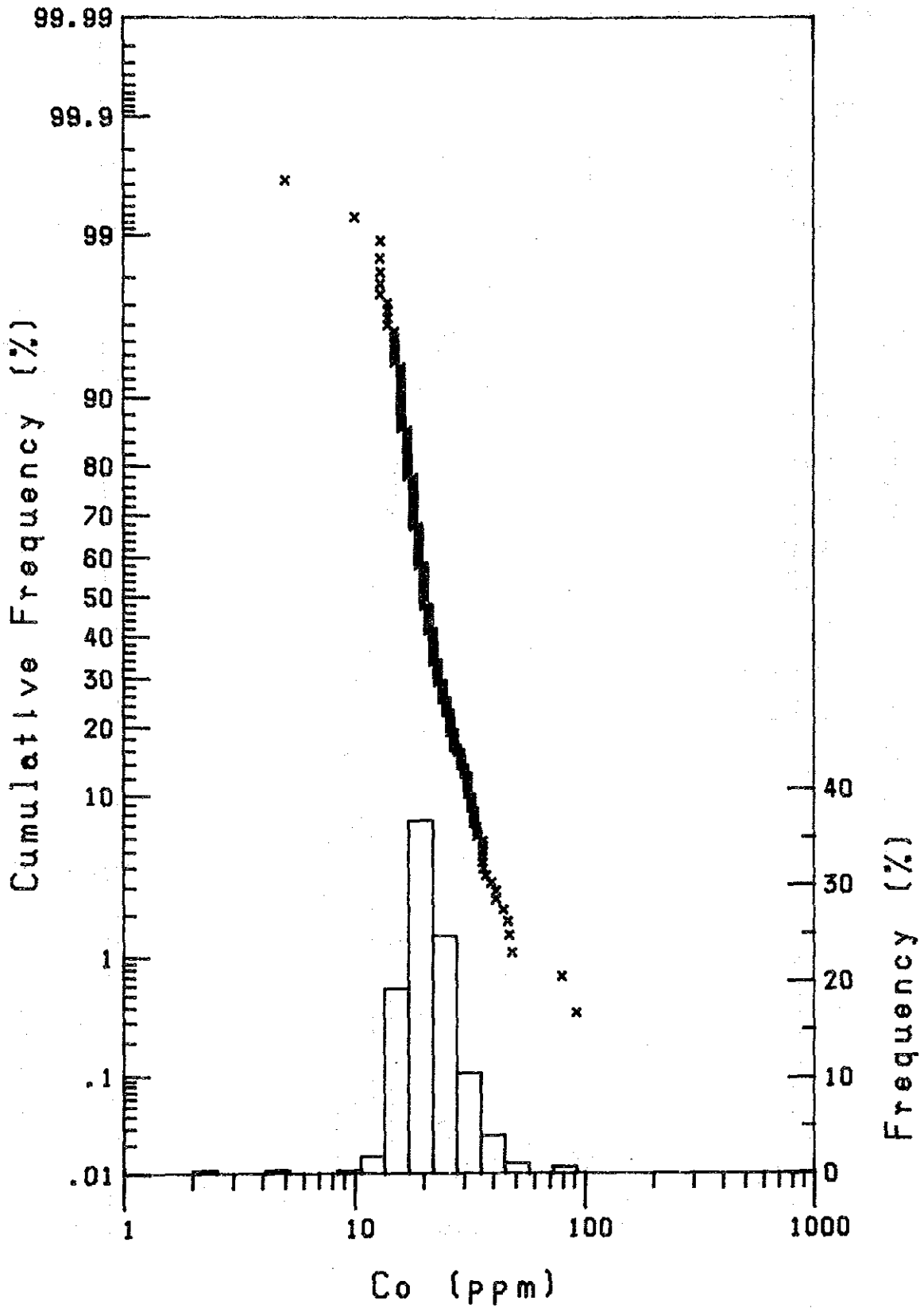
391 Cases





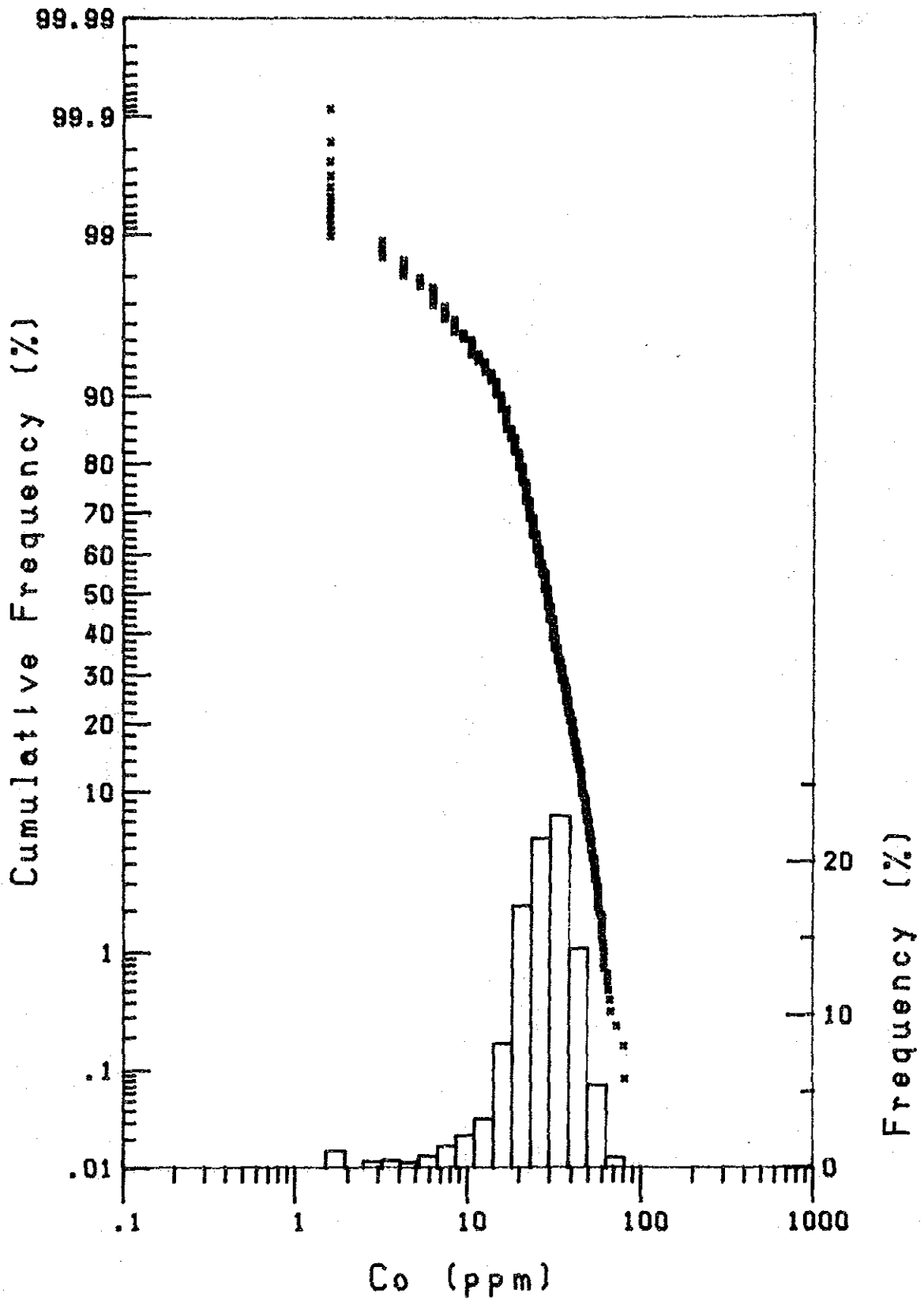
Group 4. Co

275 Cases



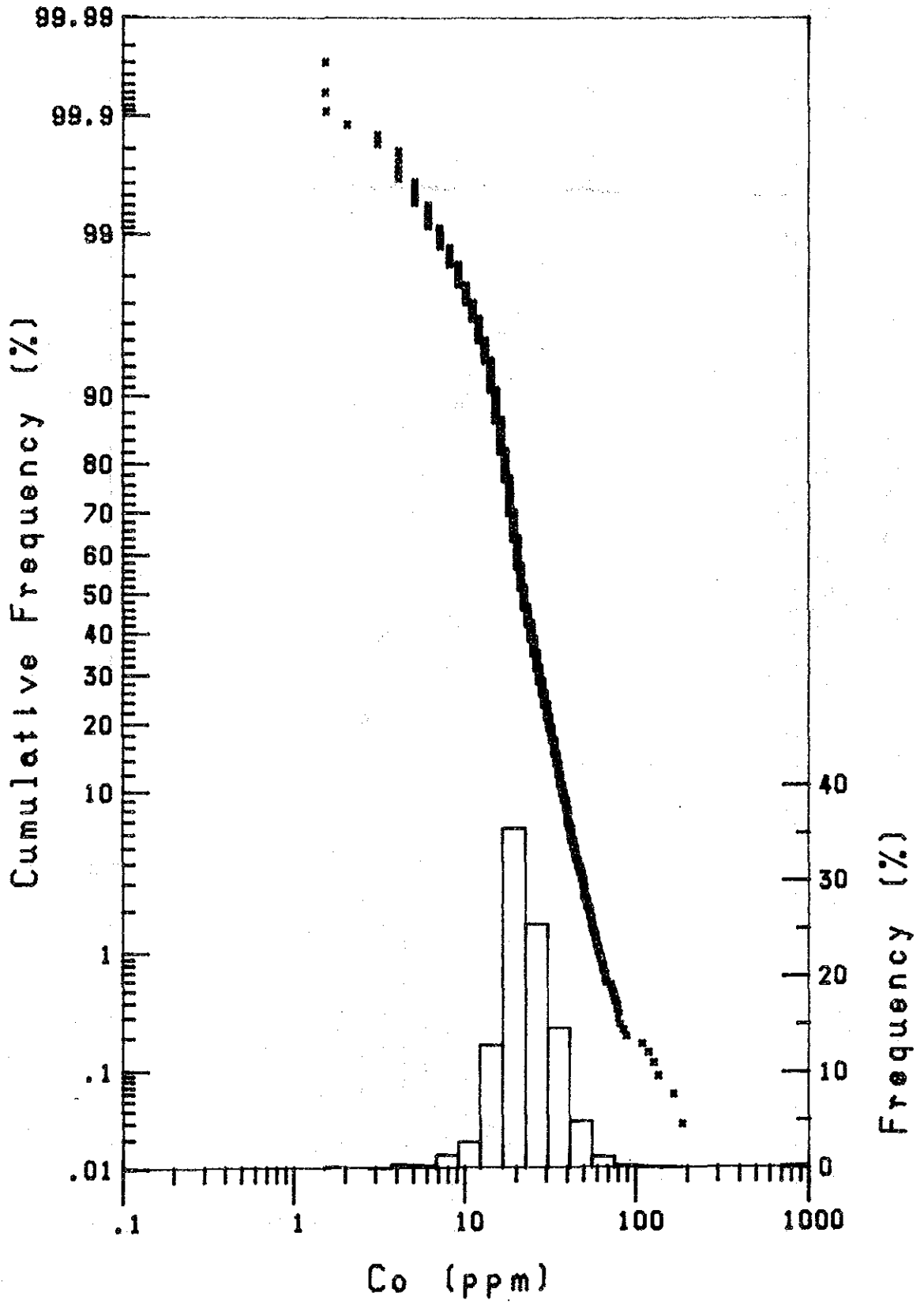
Group 5. Co

1182 Cases



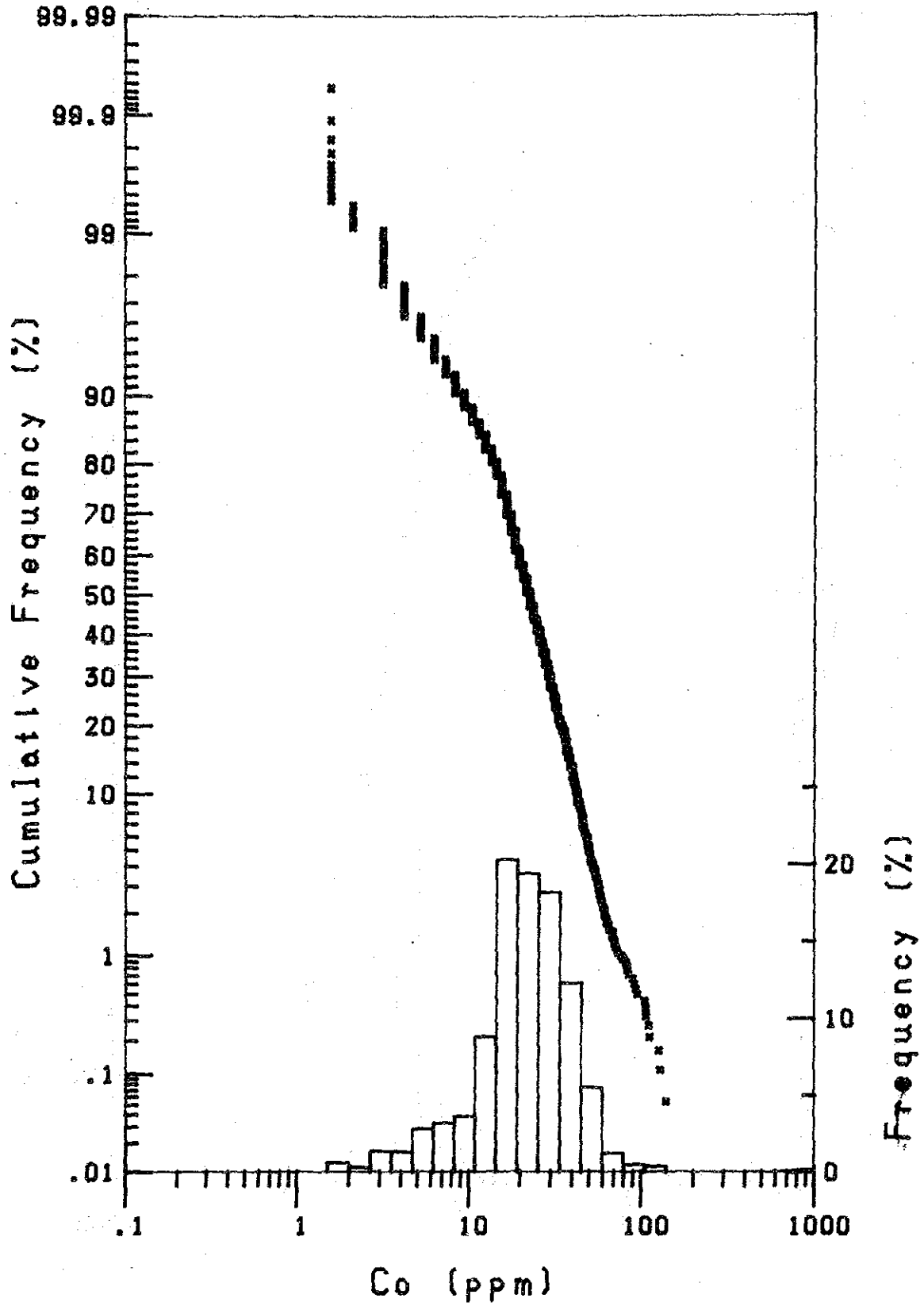
Group B. Co

3361 Cases



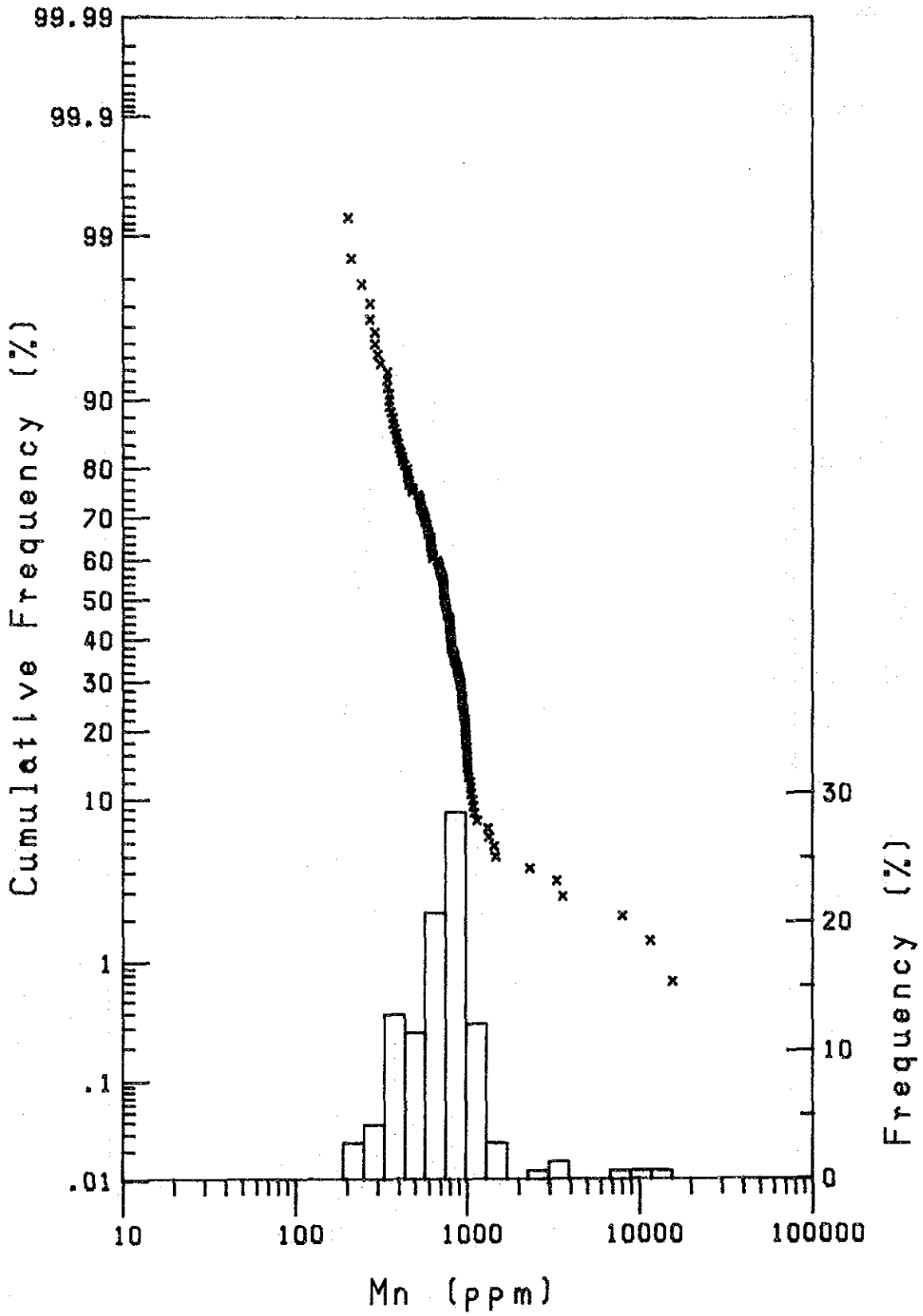
Group 7. Co

1807 Cases



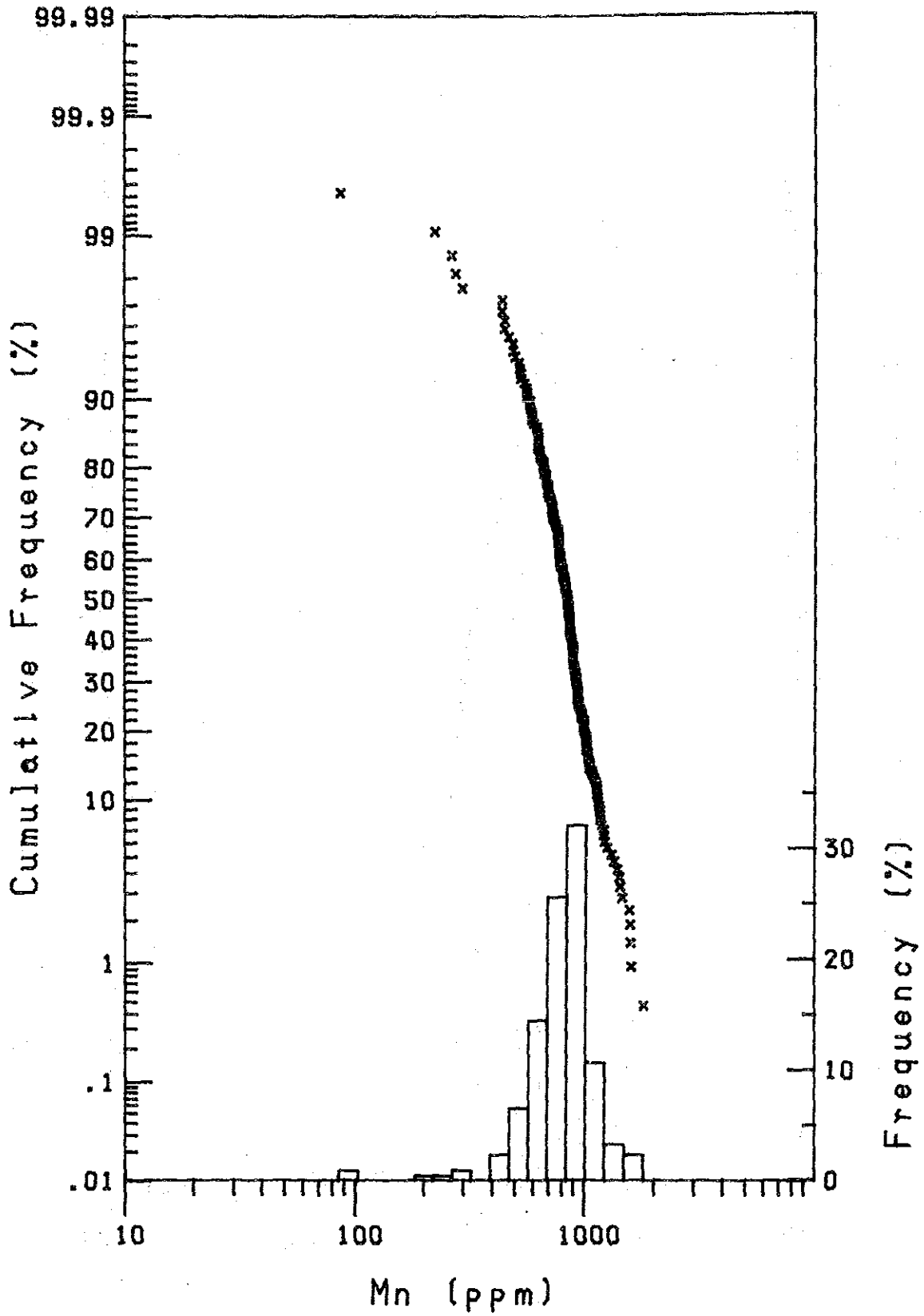
Group 1. Mn

140 Cases



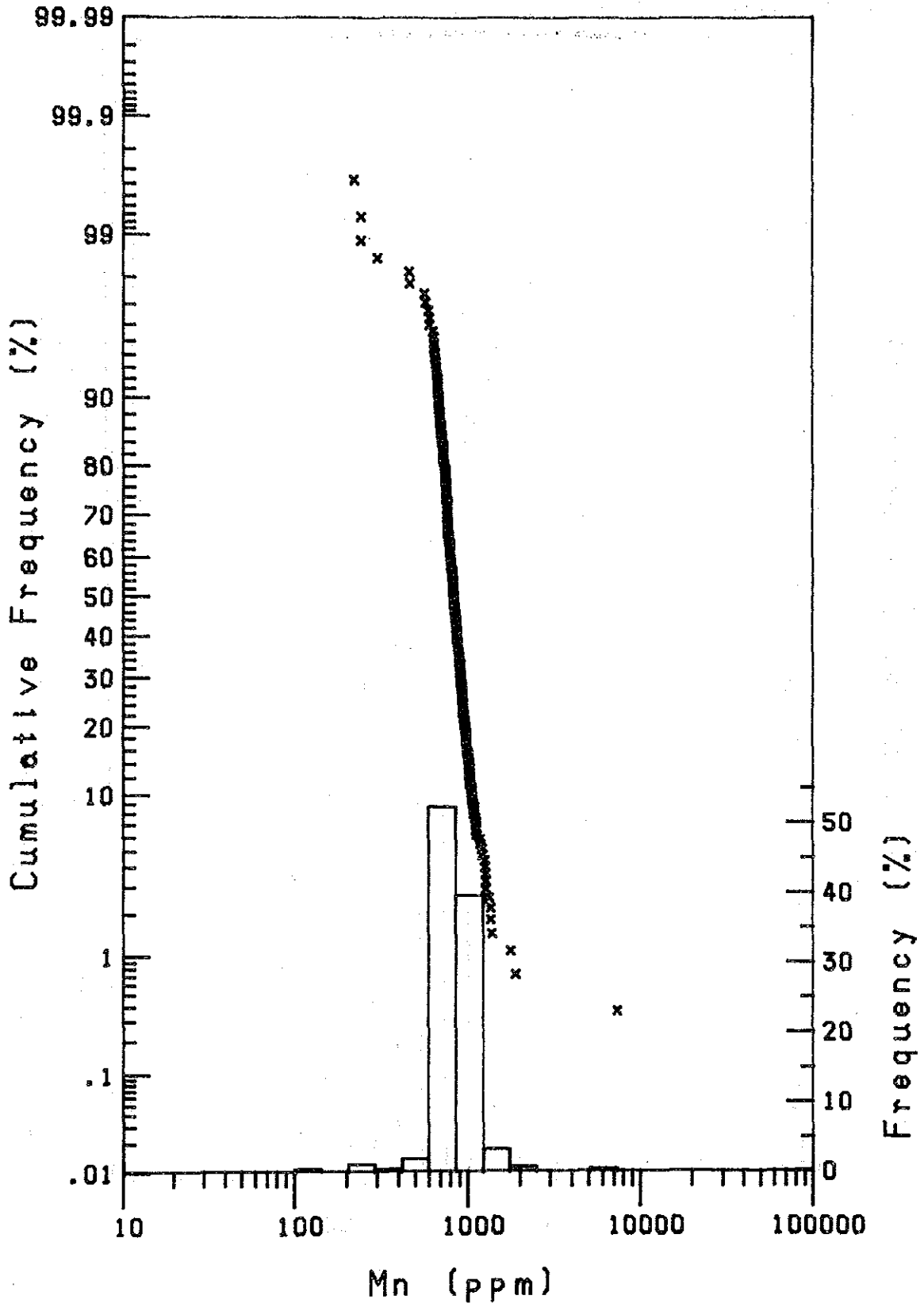
Group 2. Mn

215 Cases



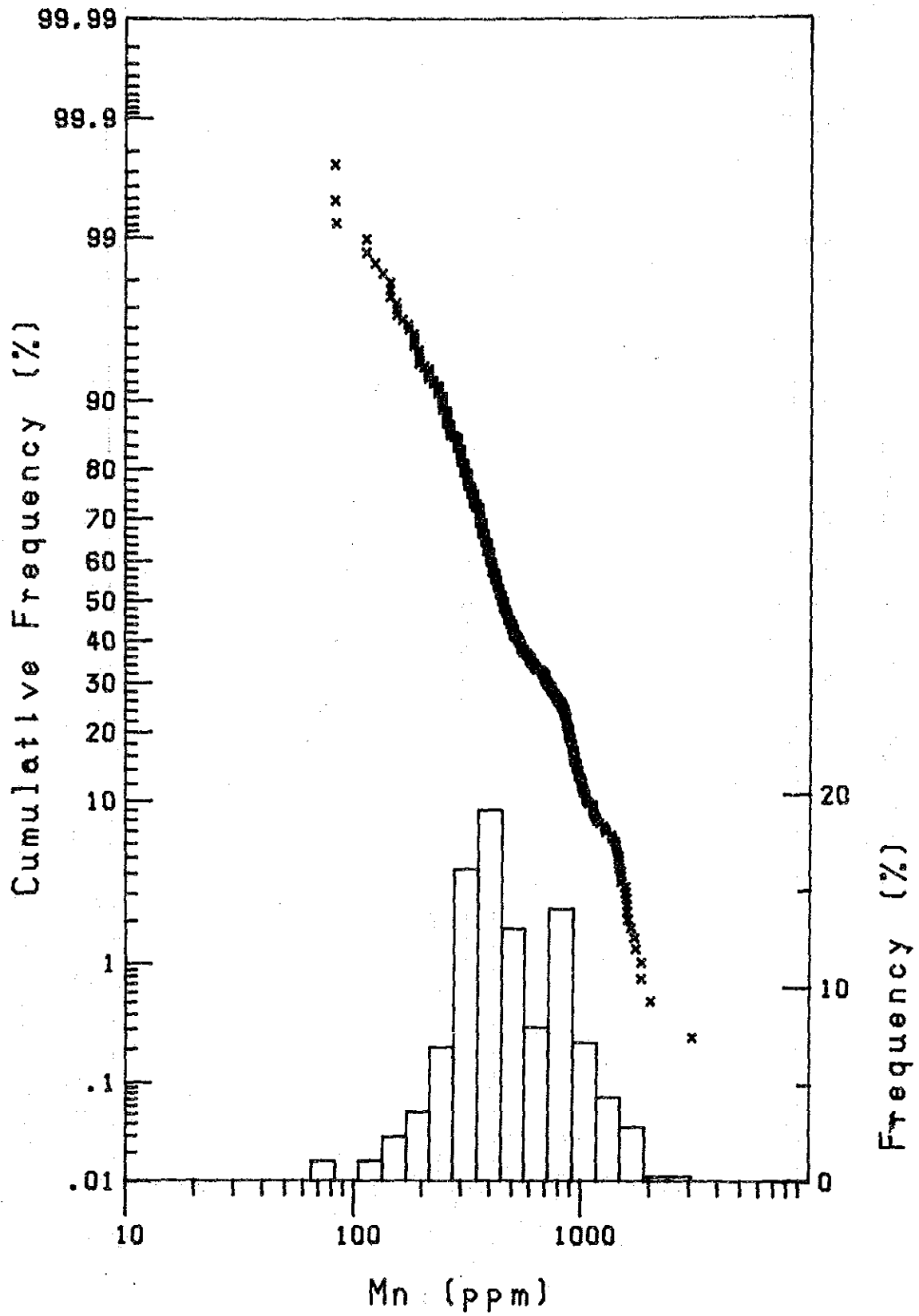
Group 4. Mn

275 Cases



Group 3. Mn

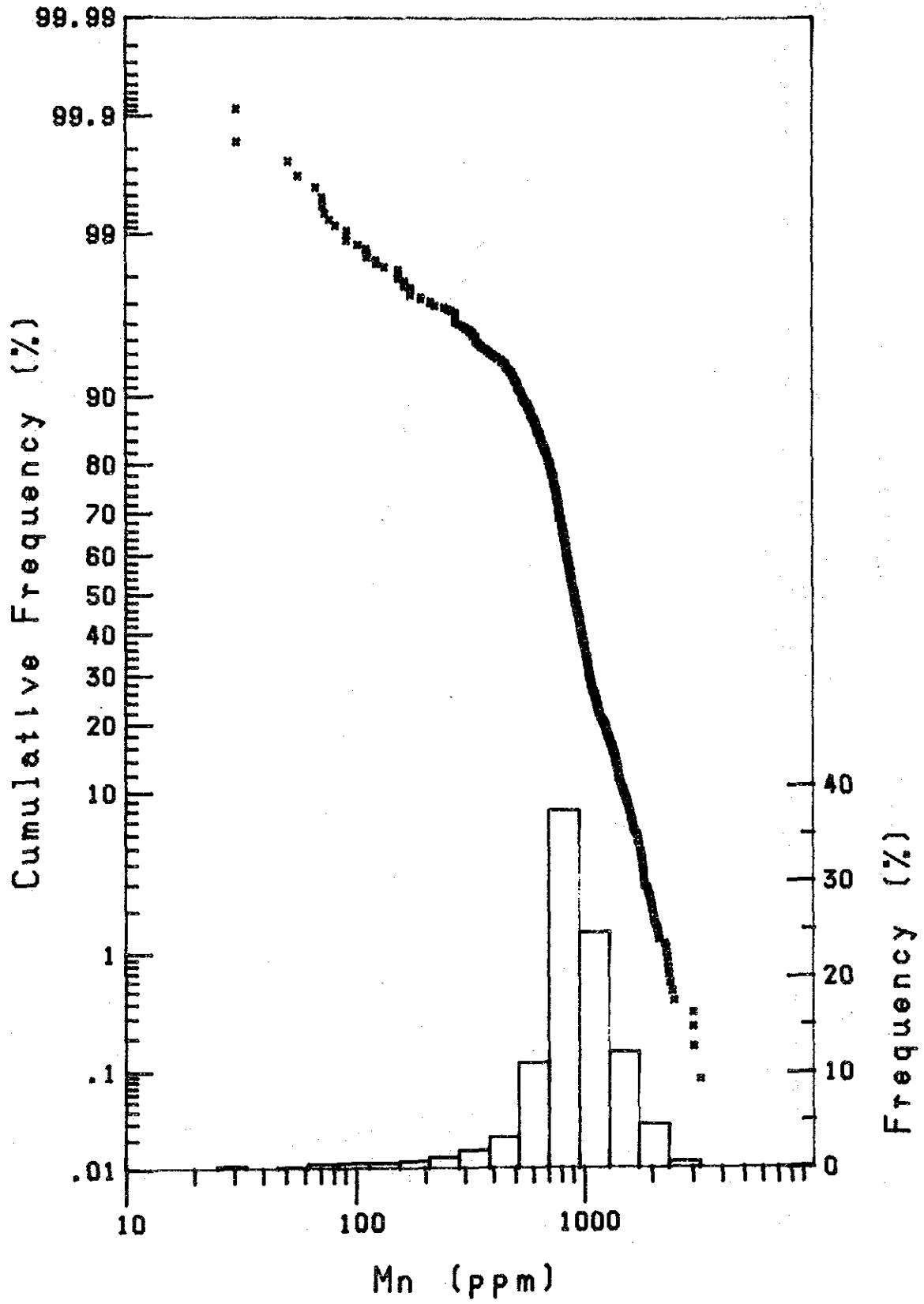
391 Cases





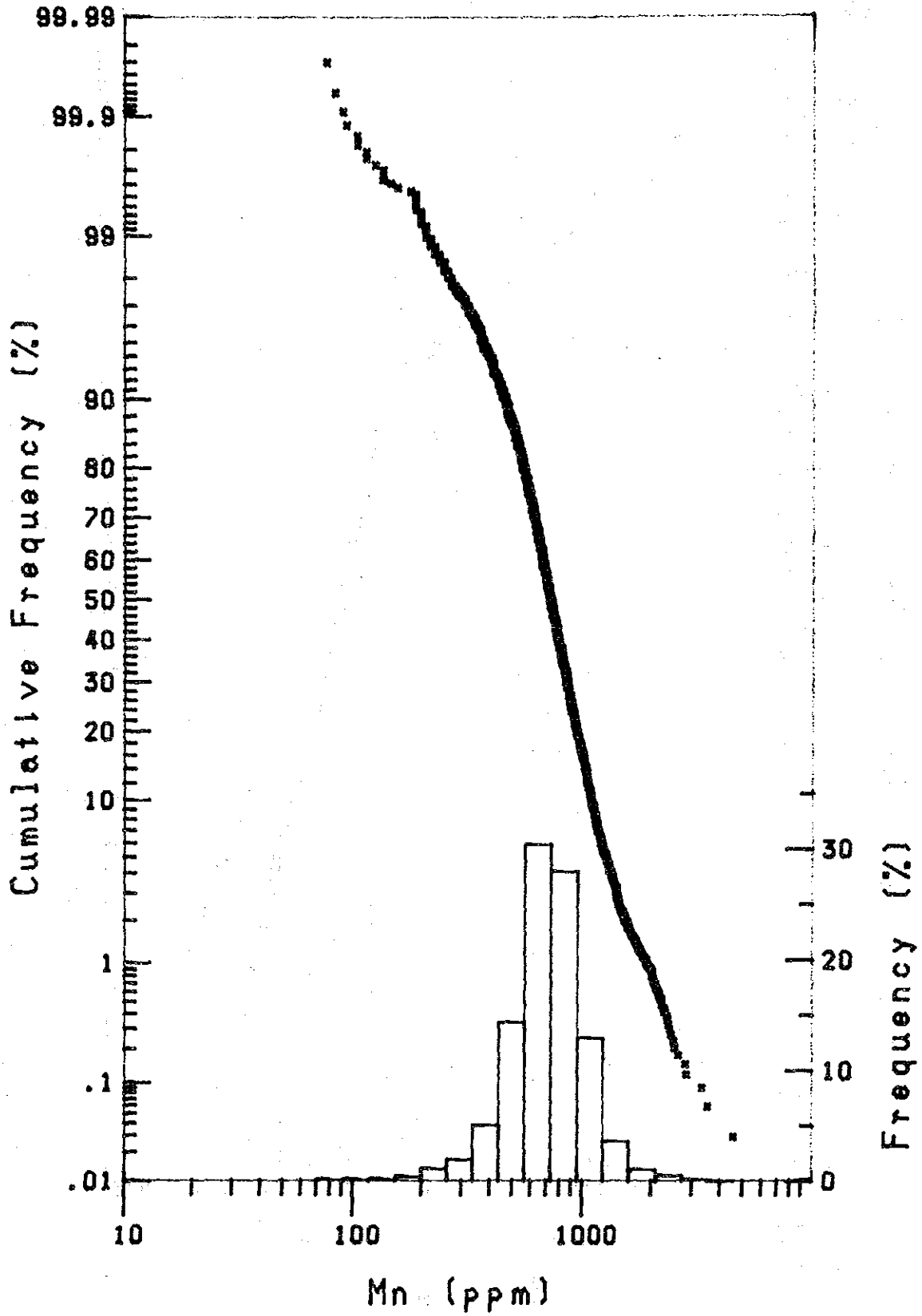
Group 5. Mn

1182 Cases



# Group 6. Mn

3361 Cases



Group 7. Mn

1807 Cases

