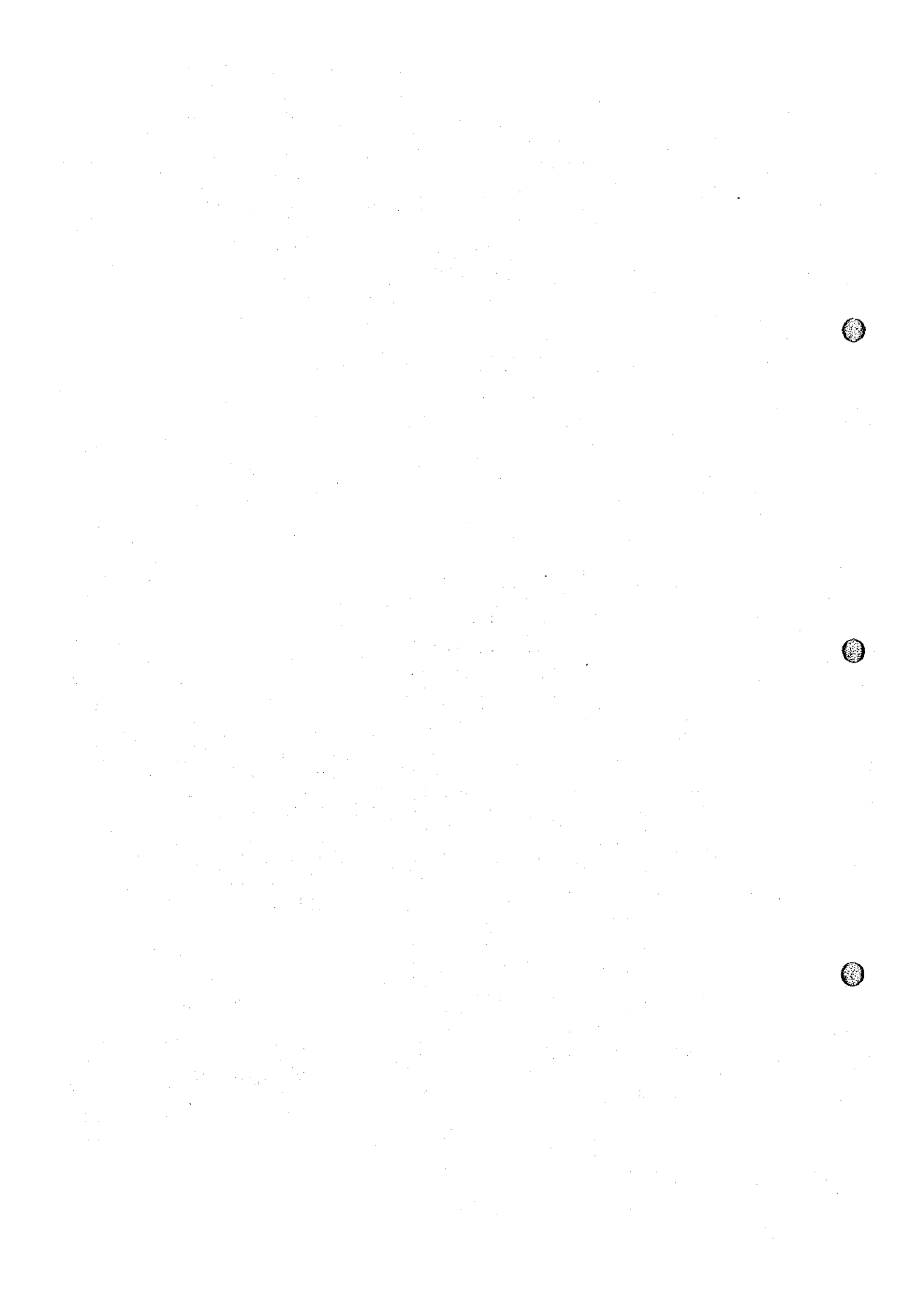


## Apx. 21 EPMA Surface Analysis

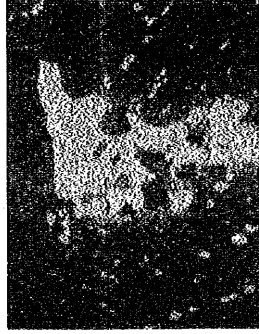
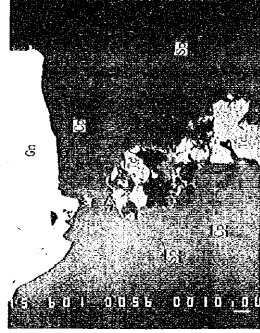
- No.1 : Ore-1
- No.2 : Ore-3
- No.3 : Pb Conc. (BDF)
- No.4 : Pb Mid. (SDF)
- No.5 : Pb Mid. (BDF)



EPMA Test Findings

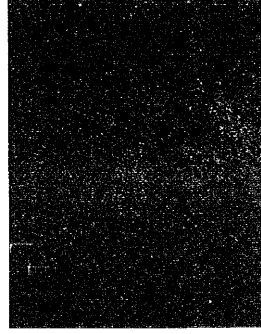
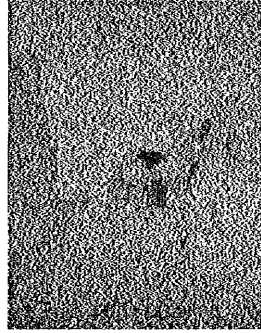
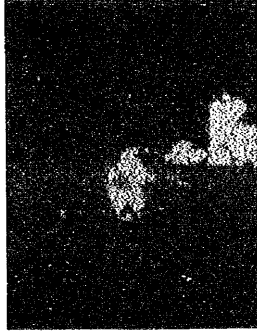
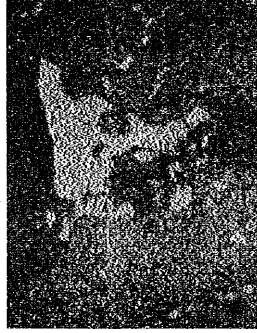
EPMA No. 1

Name of Specimen	Ore-1
Acceleration Voltage	15 kV
Current of Electron-beam	0.05 $\mu$ A
Magnification	x 600



Explanation of Photograph

Composition Image	Zn
	Pb
	Cu



Explanation of Photograph

	Fe	Sb
	S	As

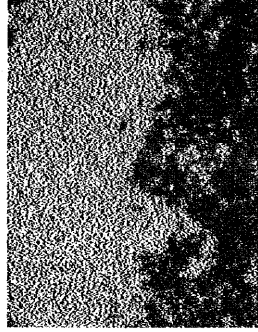
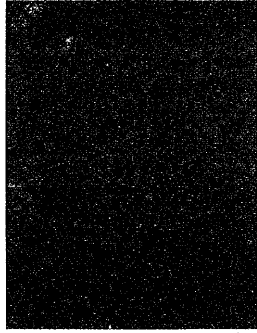
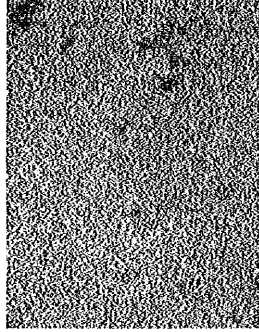
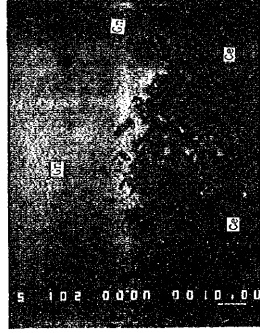




EPMA Test Findings

EPMA No. 2

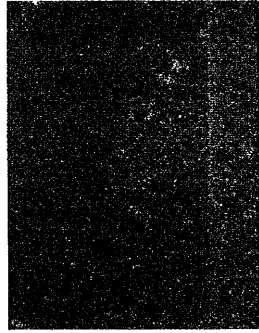
Name of Specimen	07c-3
Acceleration Voltage	15 KV
Current of Electron-beam	0.05 $\mu$ A
Magnification	X1,000



Explanation of Photograph

Composition Image **Pb**

**Ag S**



Explanation of Photograph

**G**



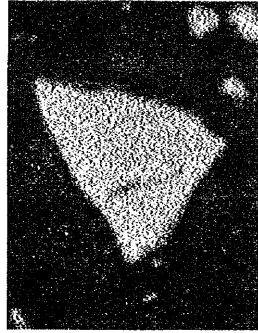
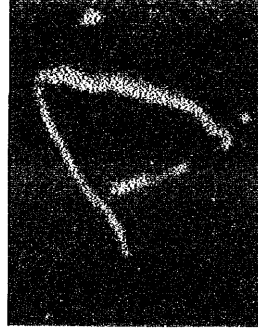




EPMA Test Findings

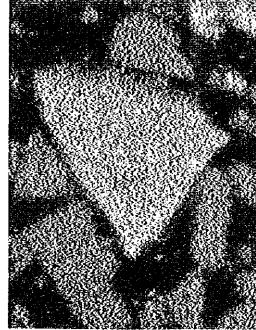
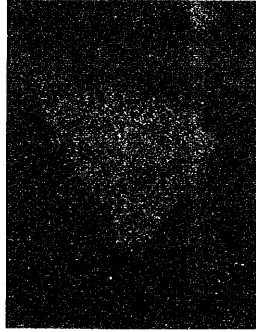
EPMA No. 3

Name of Specimen	Pb Conc (DDP)
Acceleration Voltage	15 kV
Current of Electron-beam	0.05 $\mu$ A
Magnification	X1200



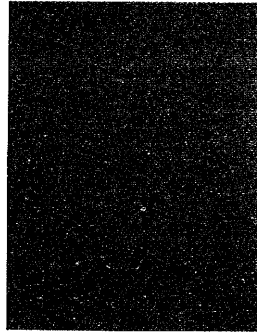
Explanation of Photograph

Composition Image	Cu
	Zn
	Pb



Explanation of Photograph

Fe	S
	Pb



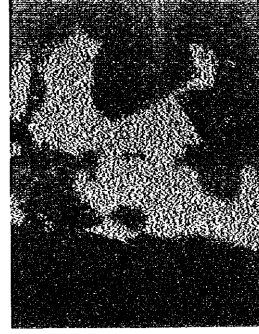
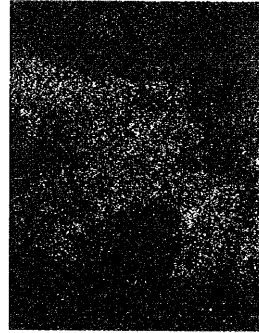
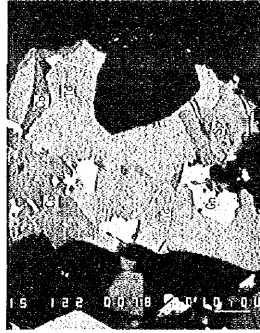




EPMA Test Findings

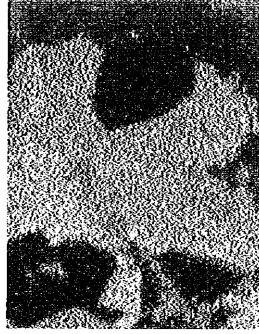
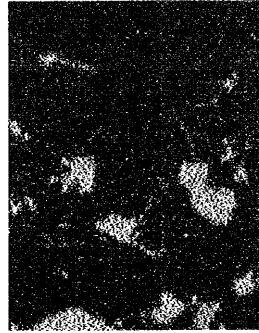
EPMA No. 4

Name of Specimen	Pb Xid (SDF)
Acceleration Voltage	15 kV
Current of Electron-beam	0.05 $\mu$ A
Magnification	x2000



Explanation of Photograph

Composition Image	Cu
	Ag
	Sb



Explanation of Photograph

	Zn
Pb	
Fe	S

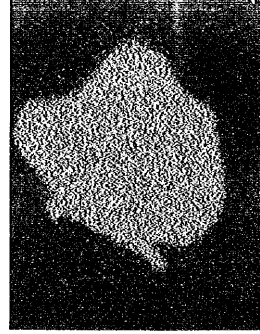
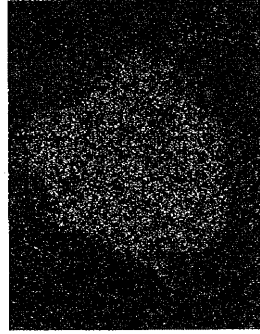
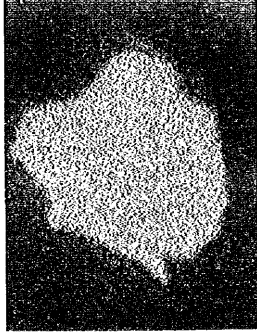




EPA Test Findings

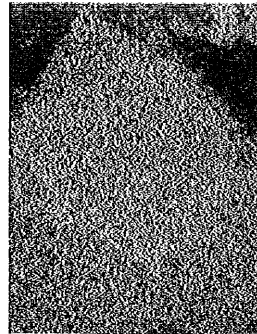
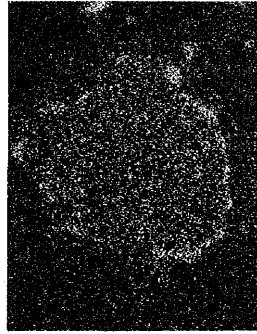
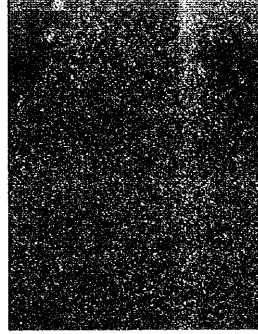
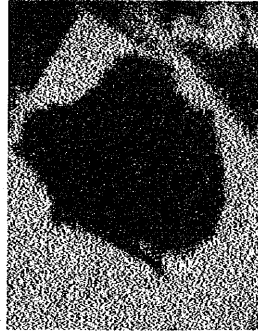
EPMA No. 5

Name of Specimen	Pb Xid (BPF)
Acceleration Voltage	15 kV
Current of Electron-beam	0.05 $\mu$ A
Magnification	X1200



Explanation of Photograph

Composition Image	Cu	Sb
	Ag	



Explanation of Photograph

Pb	Zn	S
Fe		







## Apx. 22 XRD Charts

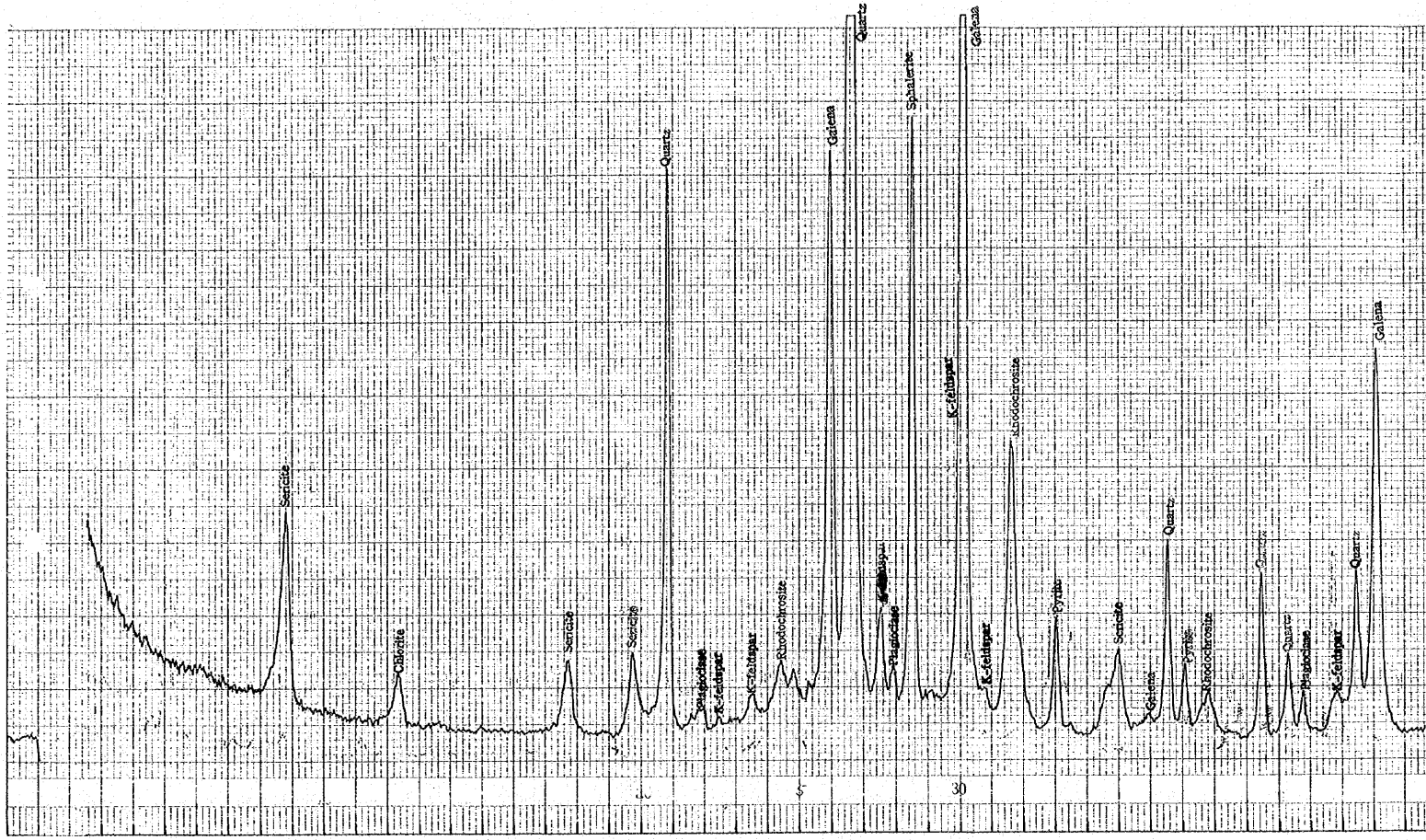
No.1 : Mill Head Sample

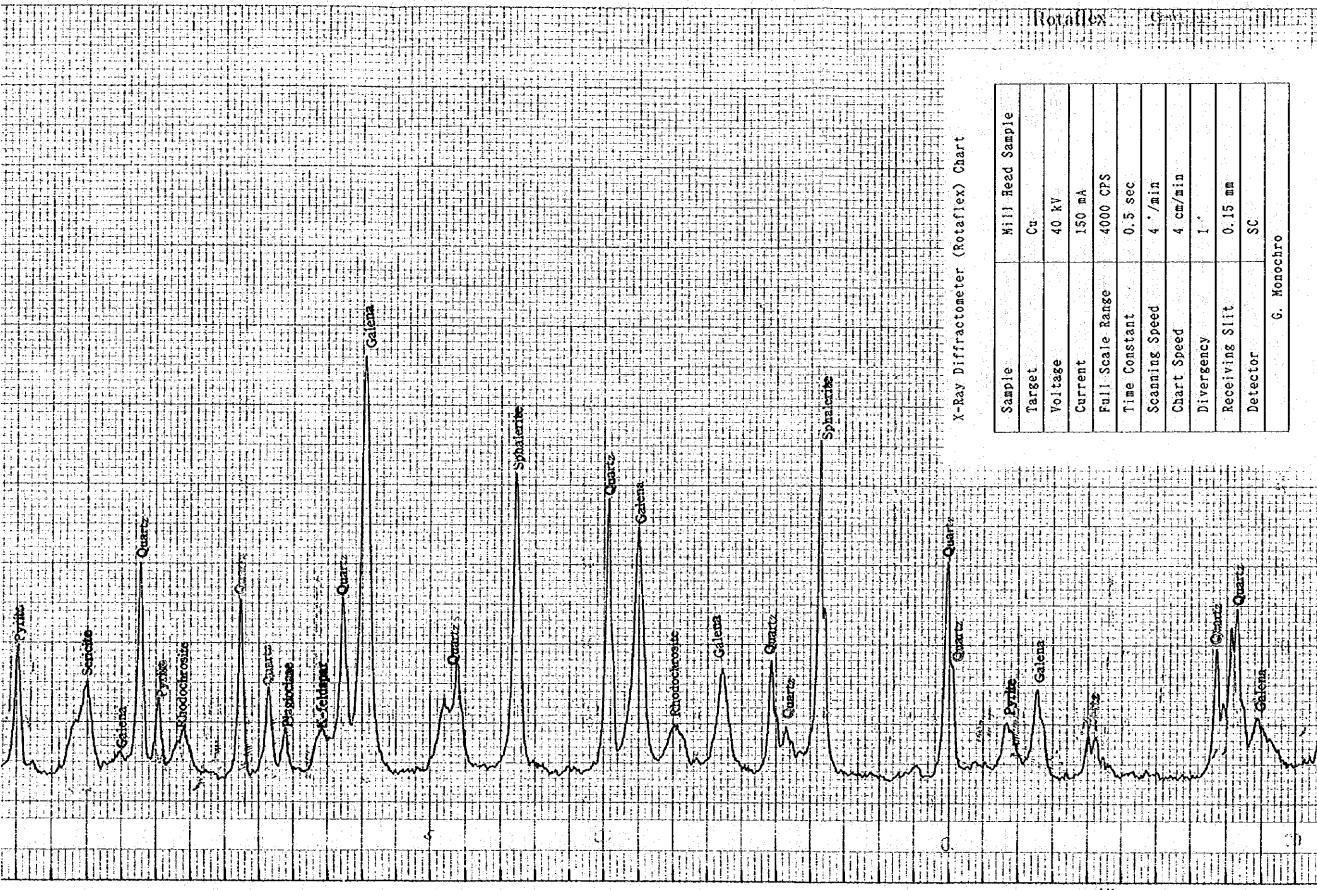
No.2 : Waste-1

No.3 : Tailing-1 (SDF)

No.4 : Tailing-2 (BDF)

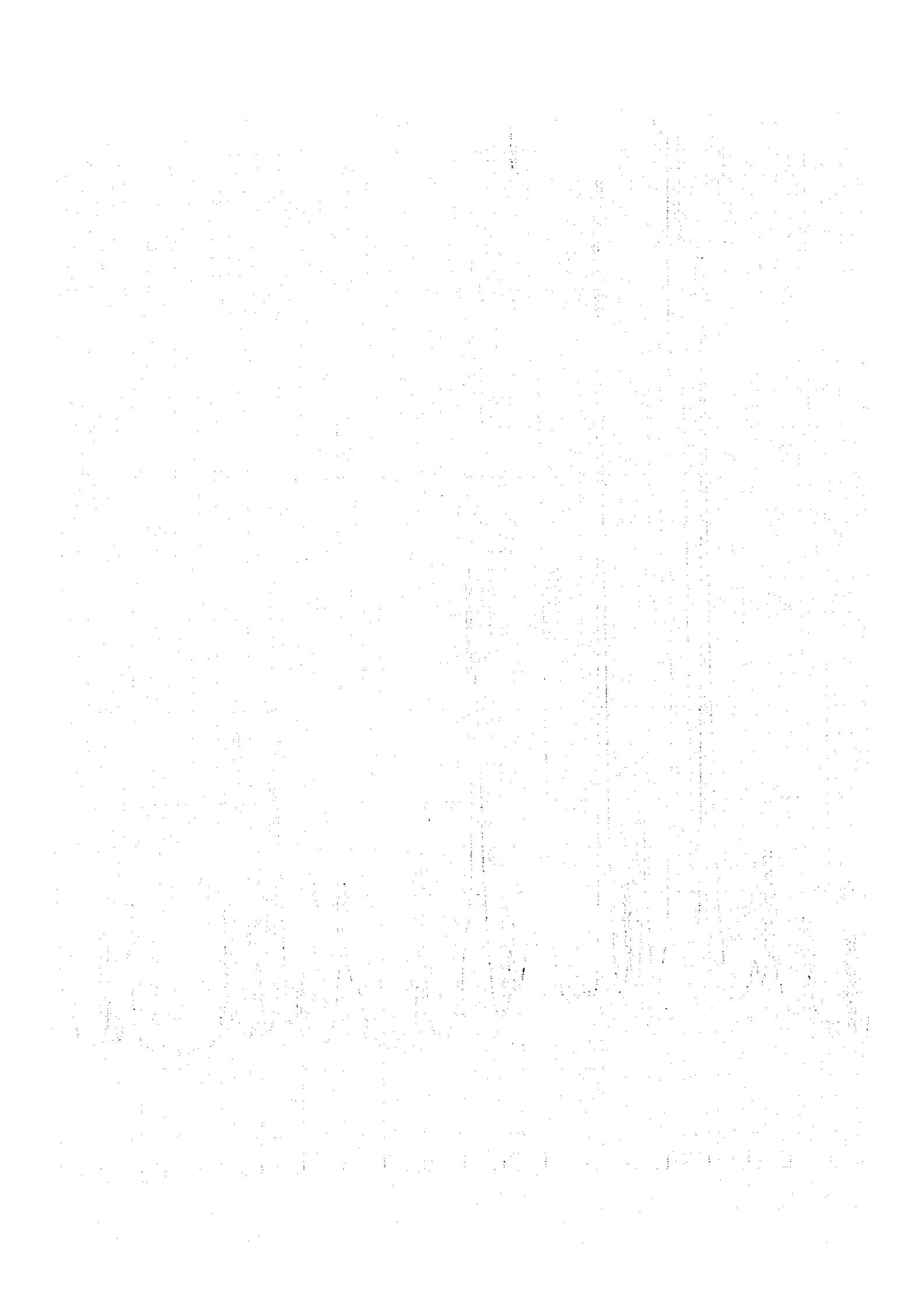






X-Ray Diffractometer (Rotaflex) Chart

Sample	Mill Head Sample
Target	Cu
Voltage	40 KV
Current	150 mA
Full Scale Range	4000 CPS
Time Constant	0.5 sec
Scanning Speed	4' /min
Chart Speed	4 cm/min
Divergency	1°
Receiving Slit	0.15 mm
Detector	SC
	G. Monochro



1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part outlines the various methods and tools used to collect and analyze data. This includes both traditional manual methods and modern digital technologies, highlighting the benefits of each approach.

3. The third section focuses on the challenges faced in data management and analysis. It identifies common issues such as data inconsistency, incomplete information, and the complexity of large datasets, and offers strategies to overcome these obstacles.

4. The fourth part provides a detailed overview of the reporting process. It explains how data is synthesized into clear and concise reports that provide valuable insights into the organization's performance and trends.

5. Finally, the document concludes by discussing the future of data management and analysis. It explores emerging technologies and trends that are expected to shape the way organizations handle their data in the coming years.

