

Cauayan Area Result Table of X-Ray Diffraction Study

Sample No.	Mineral									
	Qu	Fd	Ch	Mi	Py	Ep	Ca	Ac		
BK-051	4	4	2			2				
BJ-035	4	4	1	2			3			
BA-008-b	4	2	3	2			3			
BA-010	4	4	2	1	1					
BA-014-b	4	1	3		2	2	2	2		
BA-016-a	4	1		2	2					1?
BA-19-b	4	3	3	2	1	1?				
BA-017	4	1	2	2	3					
BA-019	4	2	2	1	3	1?				
BA-020	4	3	3	2	2					

Qu ; Quartz
 Fd ; Feldspar
 Ch ; Chlorite
 Mi ; Mica
 Py ; Pyrite
 Ep ; Epidote
 Ca ; Calcite
 Ac ; Acmite
 Comparable Amount 4; Abundant
 2; Small
 3; Medium
 1; Rare
 ?; Doubtful

Conditions for X-Ray Diffraction

Sample	BK-051	
Target	Cu	
Filter	Cu	
Voltage	40	KV
Current	30	mA
Counter Type	S.C.	
Counter Full Scale	1000	c/s
Time Constant	1	sec
Scanning Speed	2	°/min
Chart Speed	2	cm/min
Slit	Divergency	1
	Receiving	0.15
	Scatter	1
Operator		
Date	1986.9	

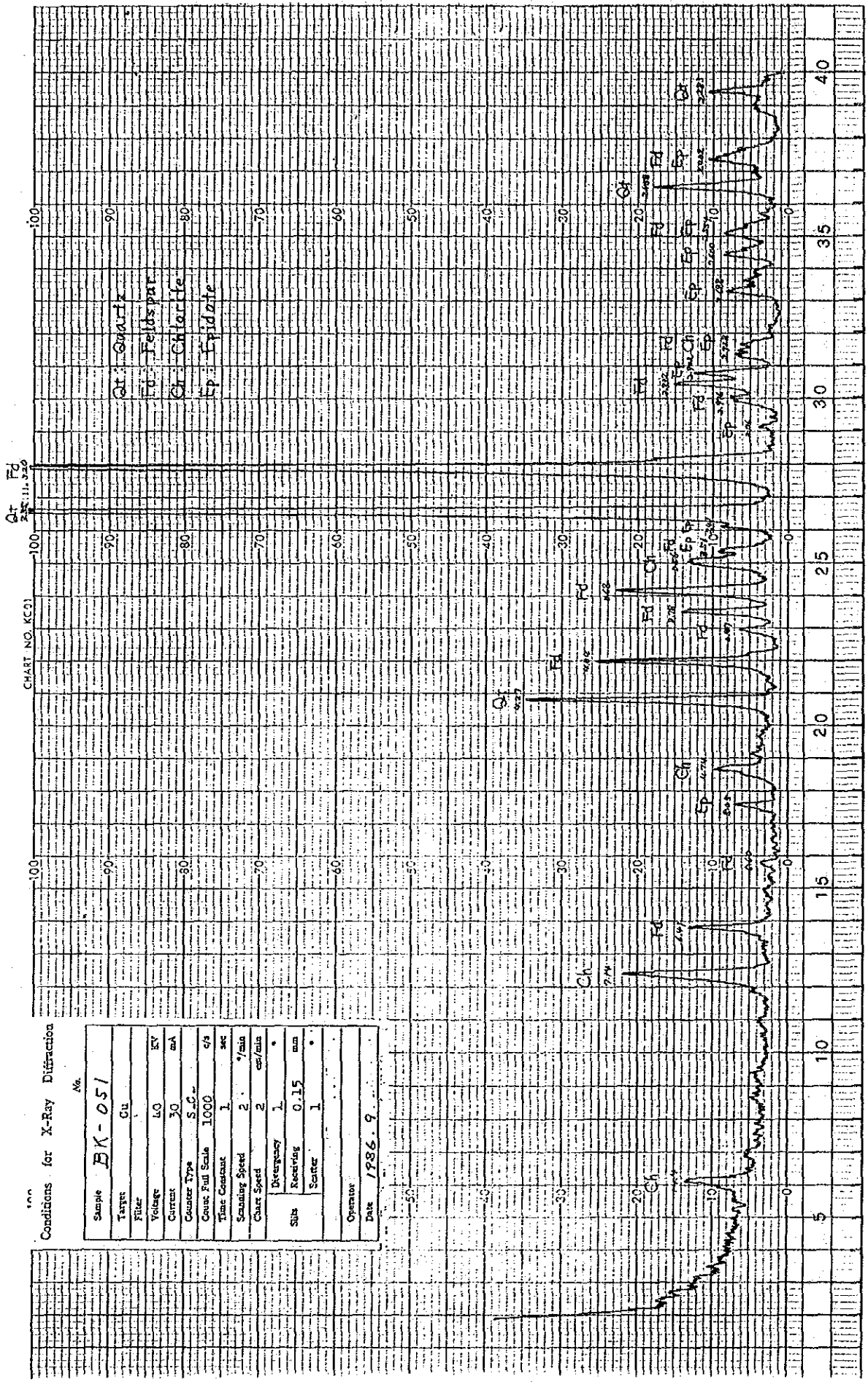
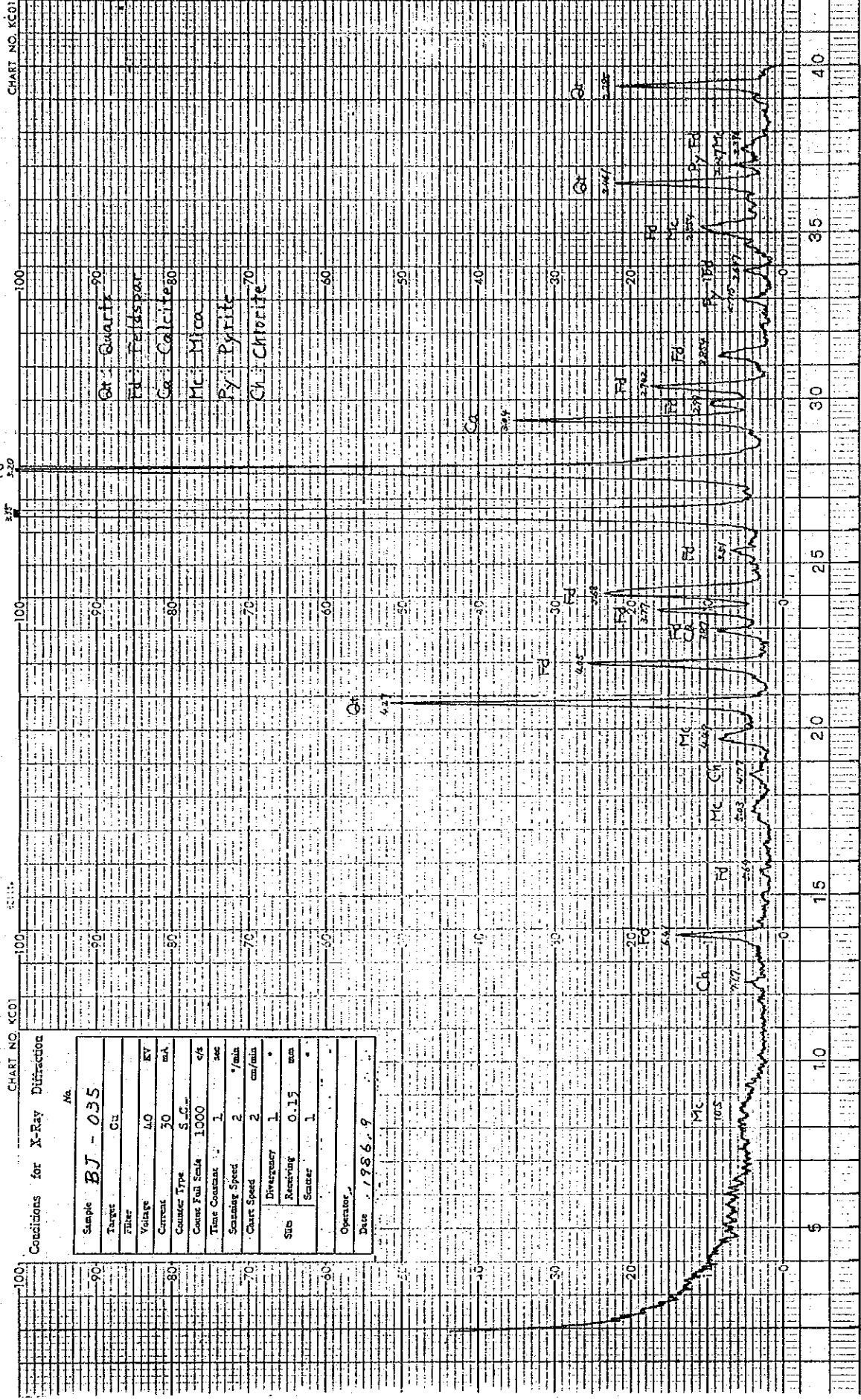


CHART NO. KCD1

CHART NO. KCD1

Conditions for X-Ray Diffraction

Sample	BJ - 035
Target	CU
Filament	
Voltage	40 KV
Current	30 mA
Counter Type	S.C.
Chart Full Scale	1000
Time Constant	1 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergency	1 °
Receiving	0.15 mm
Scatter	1 °
Operator	
Date	1986.9



Conditions for X-Ray Diffraction

Sample	BA-008 b
Target	Cu
Filter	
Voltage	40 KV
Current	30 mA
Counter Type	S.C.
Count Full Scale	1000 c/s
Time Constant	1 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergency	1 °
Slits	Receiving 0.15 mm
Scatter	1 °
Operator	
Date	1986.9

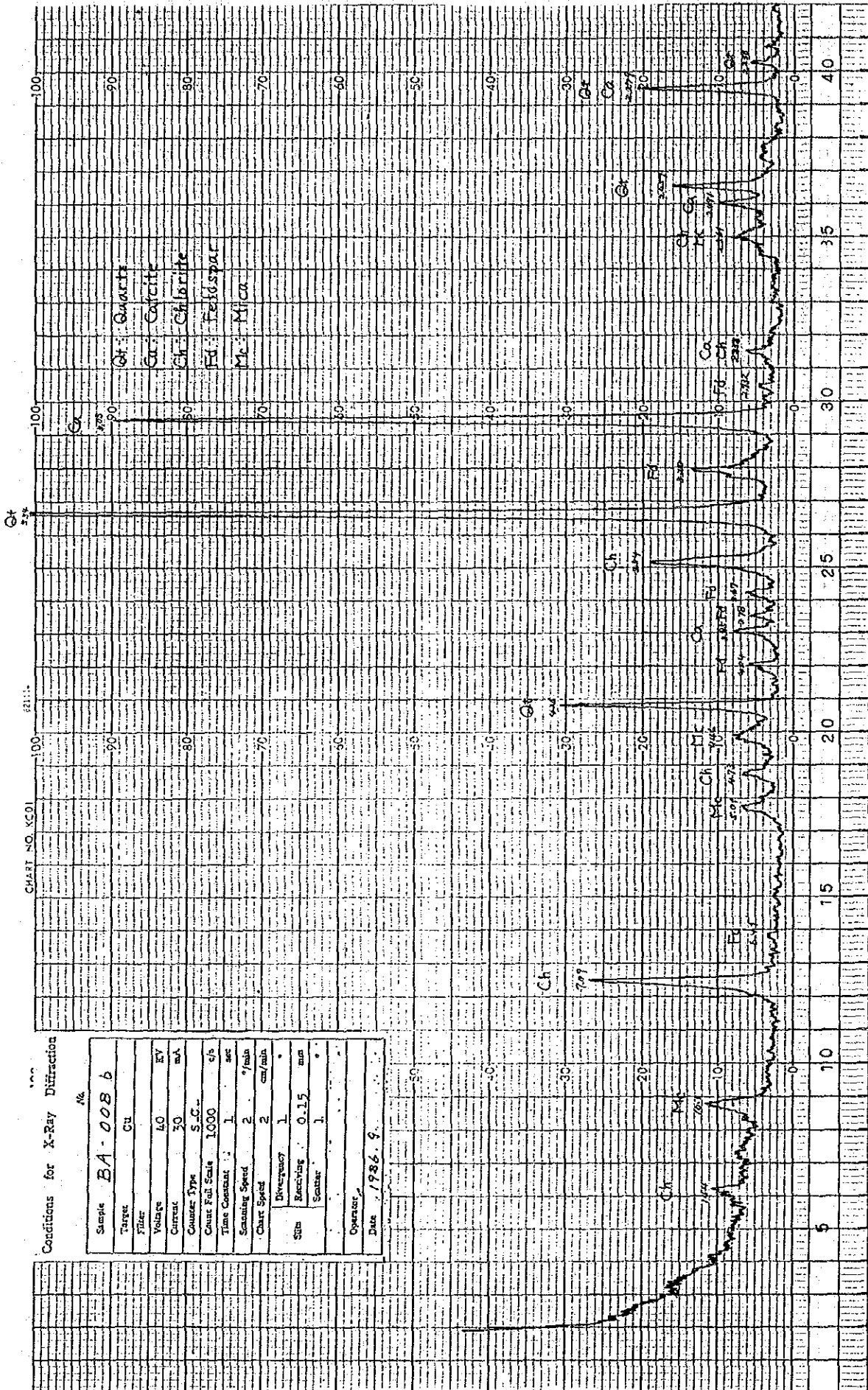
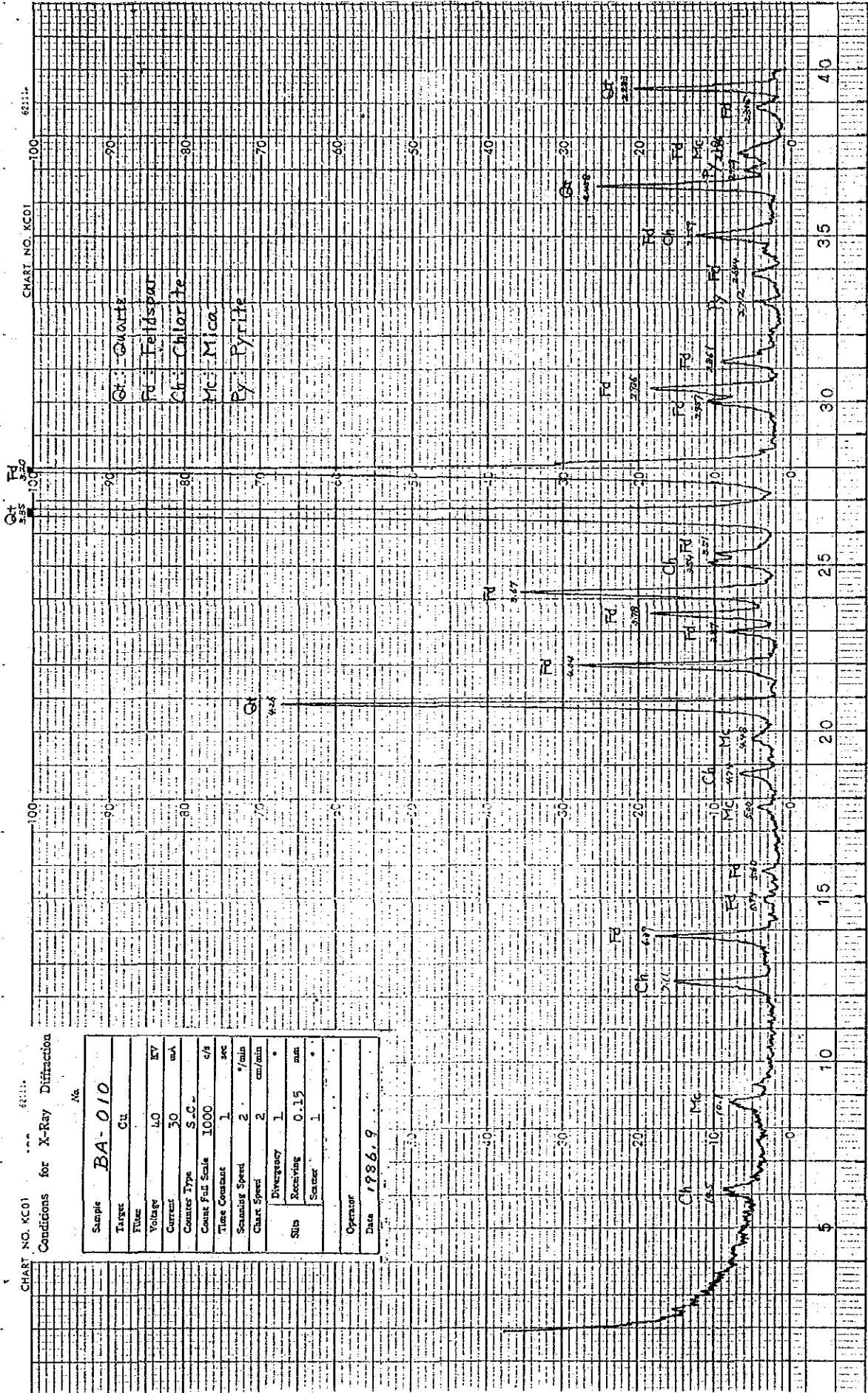


CHART NO. KC01 62114 CHART NO. KC01 62114

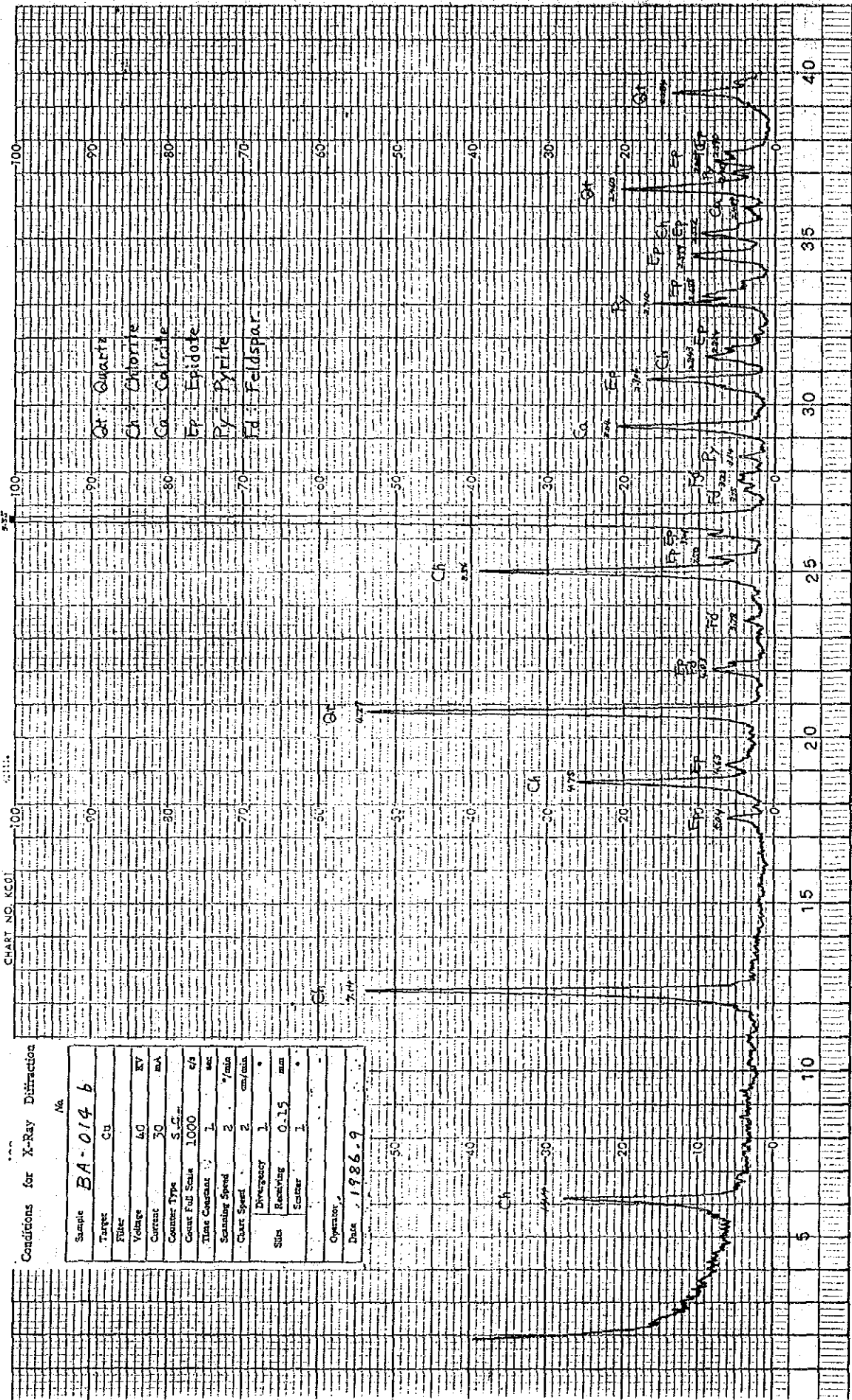
Conditions for X-Ray Diffraction

Sample	BA-010	
Target	Cu	
Filter		
Voltage	40	kV
Current	30	mA
Counter Type	S.C.	
Count Full Scale	1000	cts
Time Constant	1	sec
Scanning Speed	2	°/min
Chart Speed	2	cm/min
Slits		
Divergency	1	"
Receiving	0.15	mm
Scatter	1	"
Operator		
Date	1986.9	



Conditions for X-Ray Diffraction

Sample	BA-014 b	
Target	Cu	
Filter		
Voltage	60	KV
Current	30	mA
Counter Type	S.C.	
Counter Full Scale	1000	cts
Time Constant	1	sec
Scanning Speed	2	°/min
Chart Speed	2	cm/min
Divergency	1	°
Slits	Receiving 0.15	mm
	Scatter 1	°
Operator		
Date	1986.9	



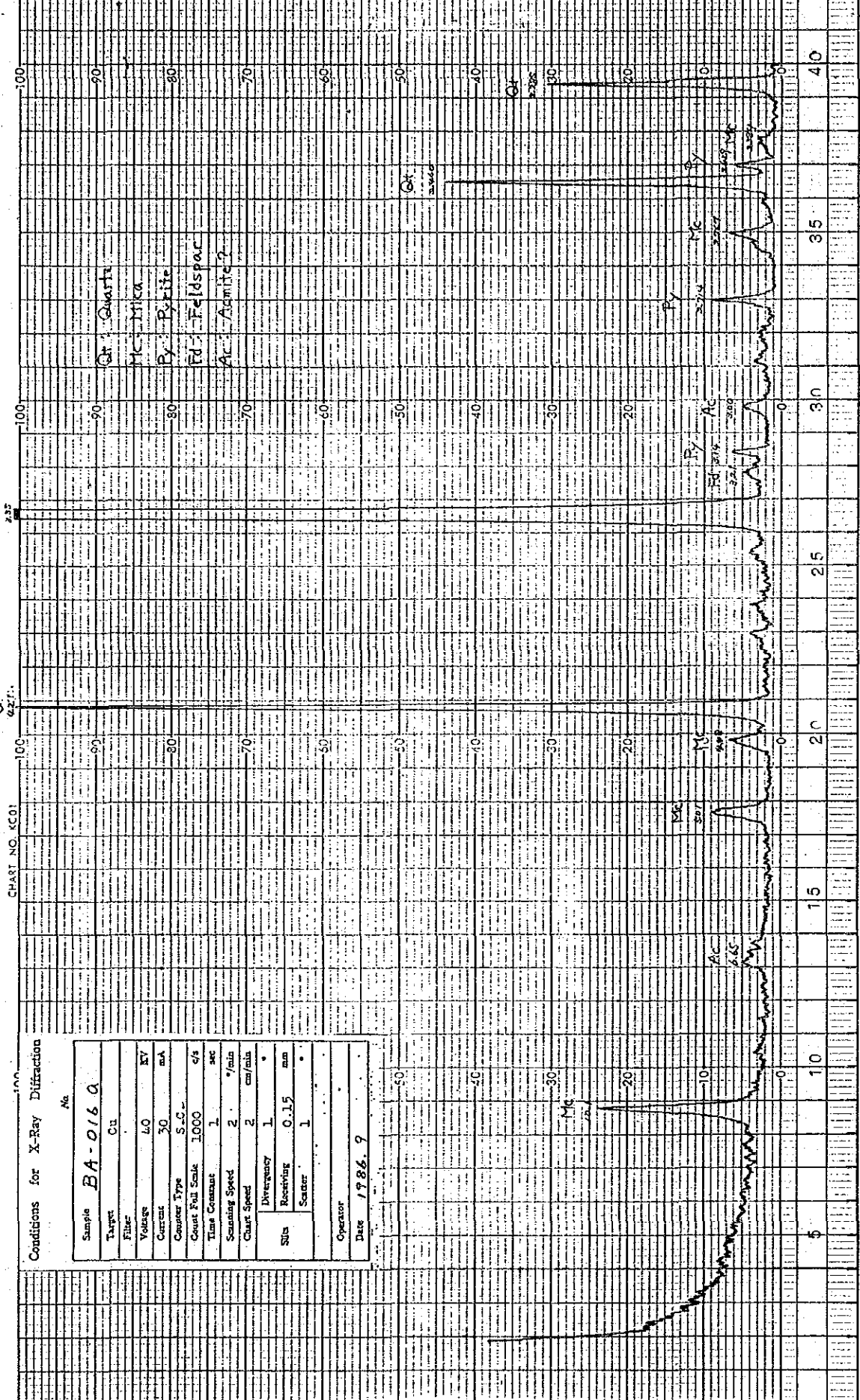
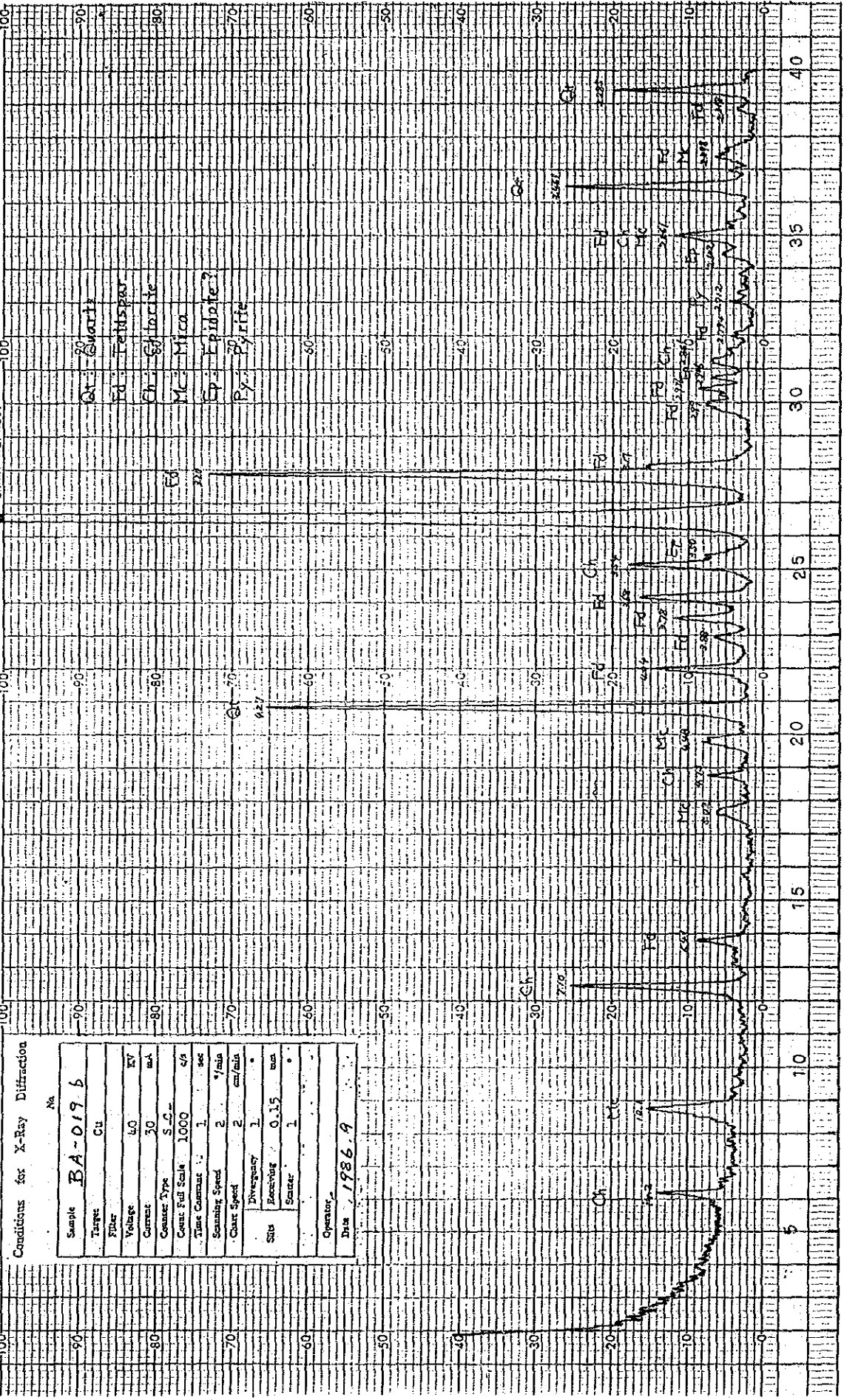


CHART NO. KCB1



Conditions for X-Ray Diffraction

Sample	BA-019 b
Target	Cu
Filter	
Voltage	40 KV
Current	30 mA
Generator	S.C.
Counter Type	
Counter Full Scale	1000 cps
Time Constant	1 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergency	1 °
Slit	Receiving 0.15 mm
Scatterer	1 °
Operator	
Date	1986.9

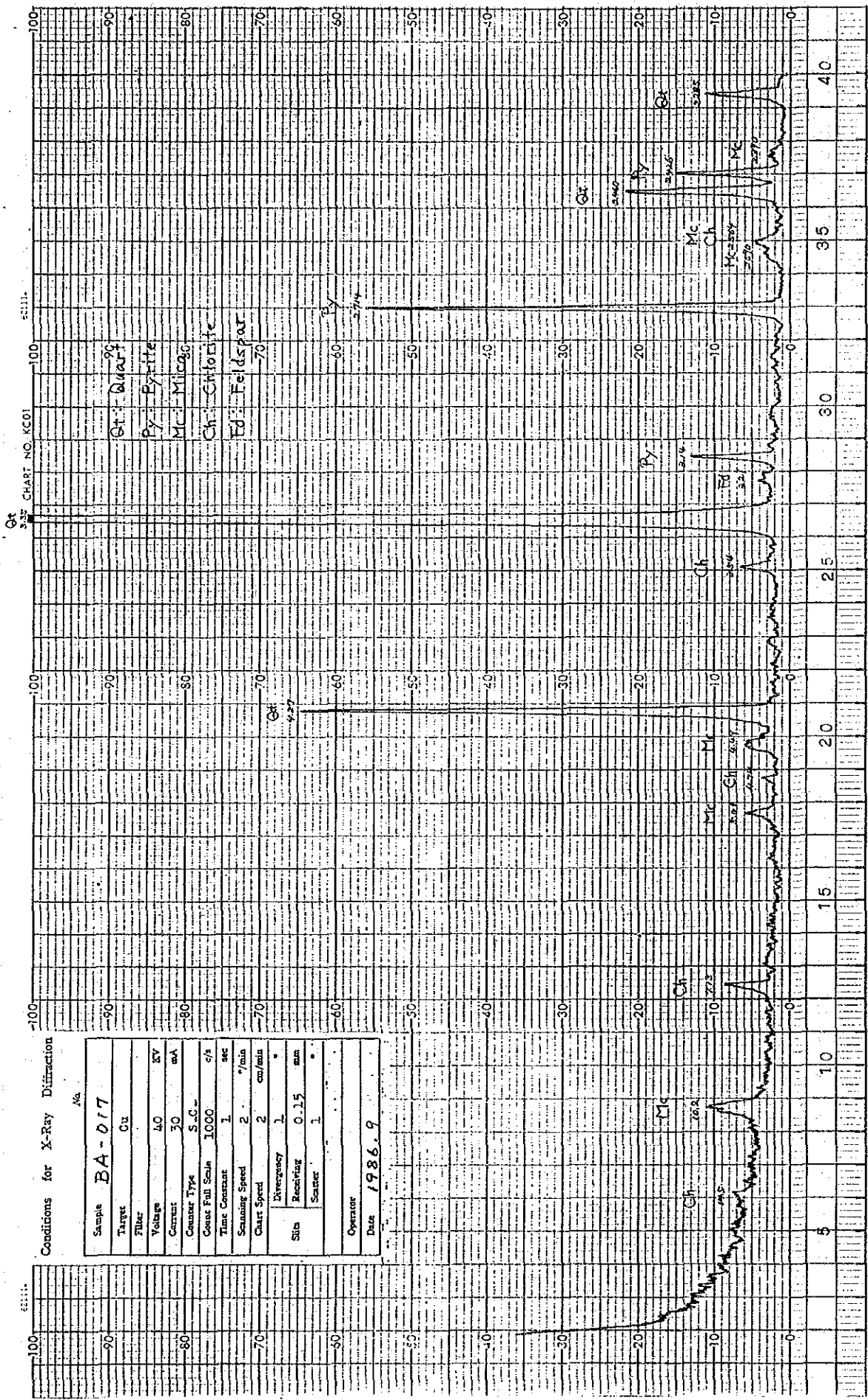
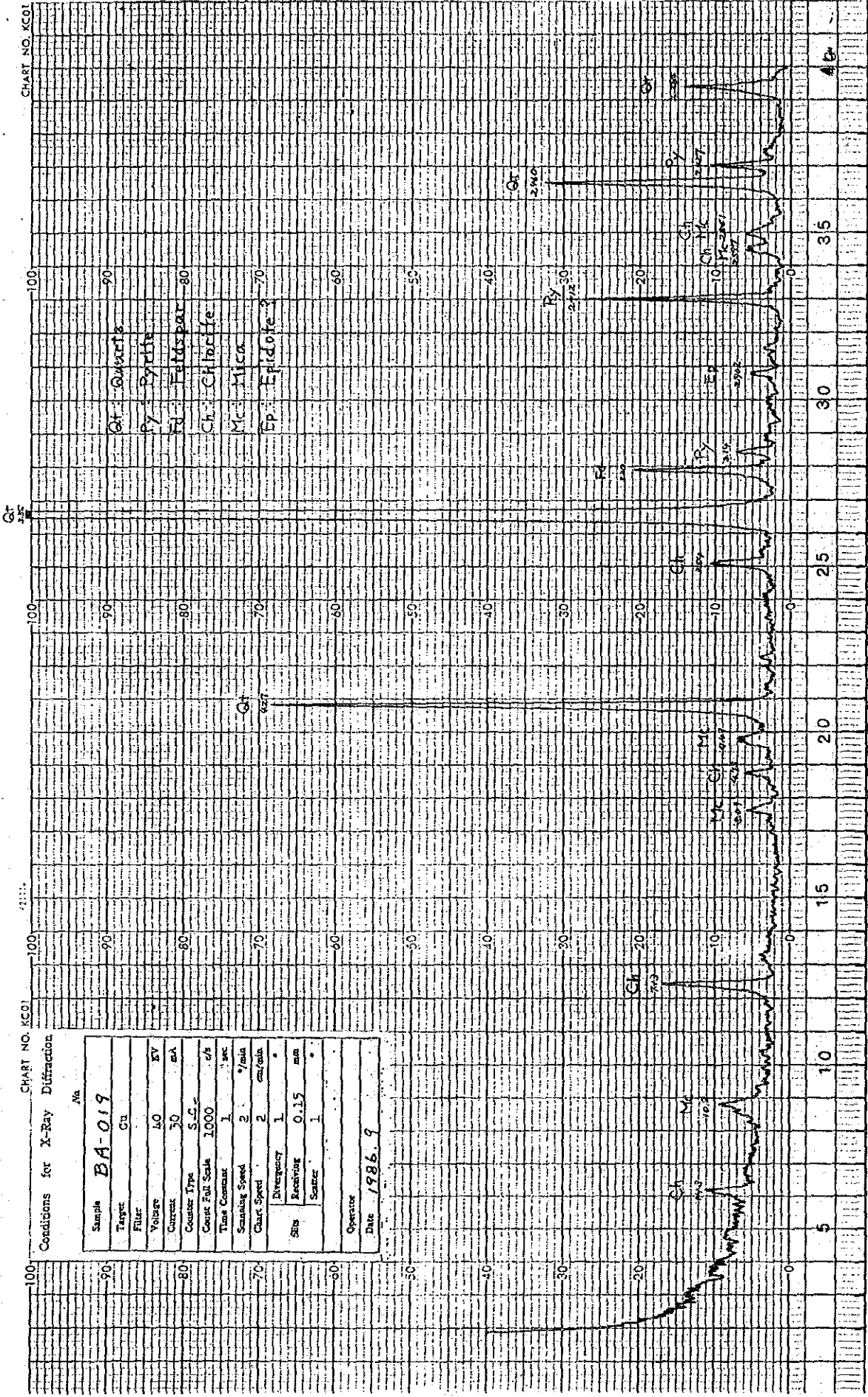


CHART NO. KCO1

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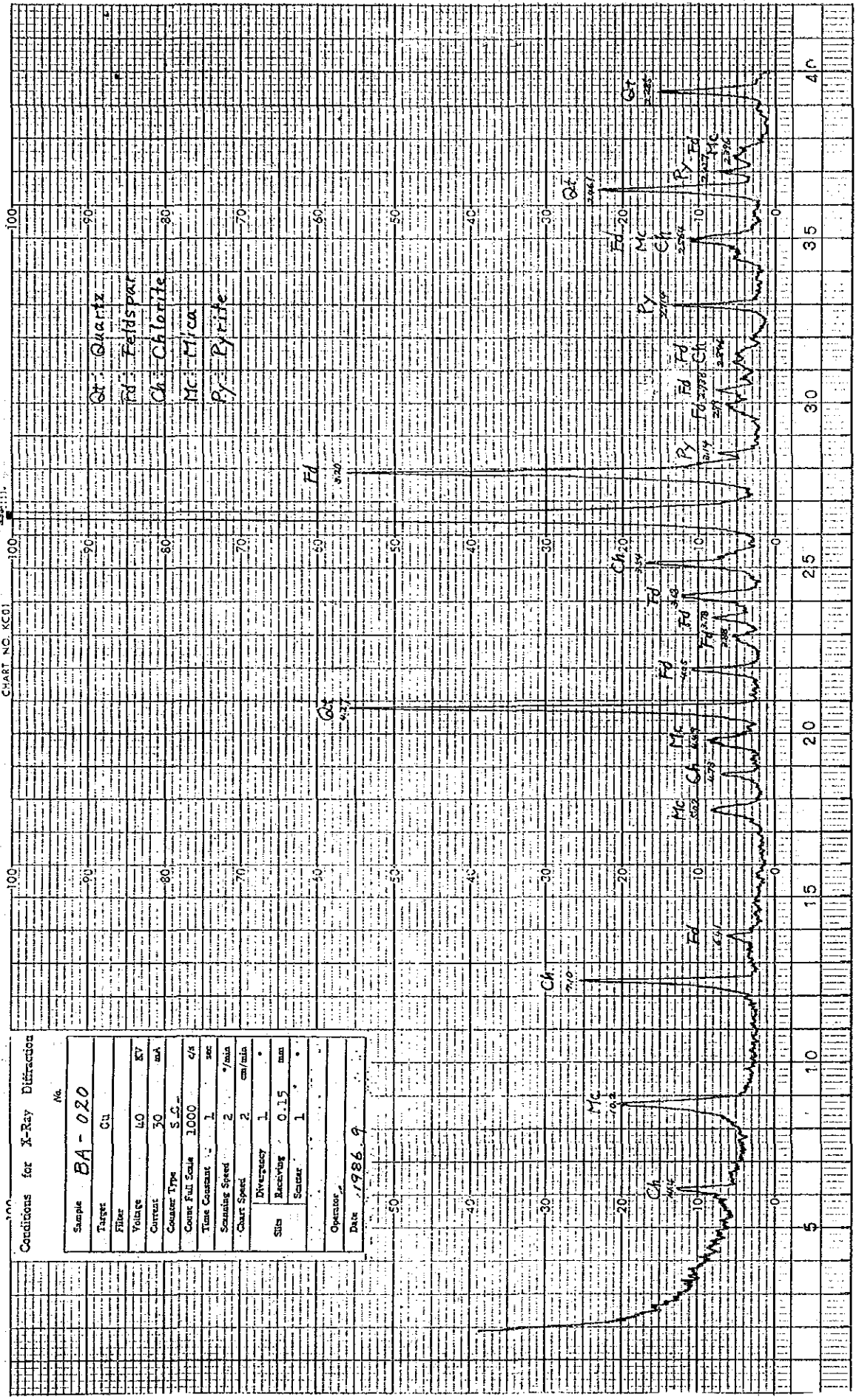
Conditions for X-Ray Diffraction

Sample	BA-019	
Target	Cu	
Filter	Ni	
Voltage	40	kV
Current	30	mA
Counter Type	S-C	
Count Full Scale	1000	
Time Constant	1	sec
Scanning Speed	2	°/min
Chart Speed	2	cm/min
Dispersivity	1	°
Slits	Receiving	0.15 mm
	Scatter	1°
Operator		
Date	1986.9	



Conditions for X-Ray Diffraction

Sample	BA-020	
Target	Cu	
Filter		
Voltage	40	kV
Current	30	mA
Counter Type	S.C.	
Count Full Scale	1000	cts
Time Constant	1	sec
Scanning Speed	2	°/min
Chart Speed	2	cm/min
Slit	Divergency	1
	Receiving	0.15
	Scatter	1
Operator		
Date	1986.9	

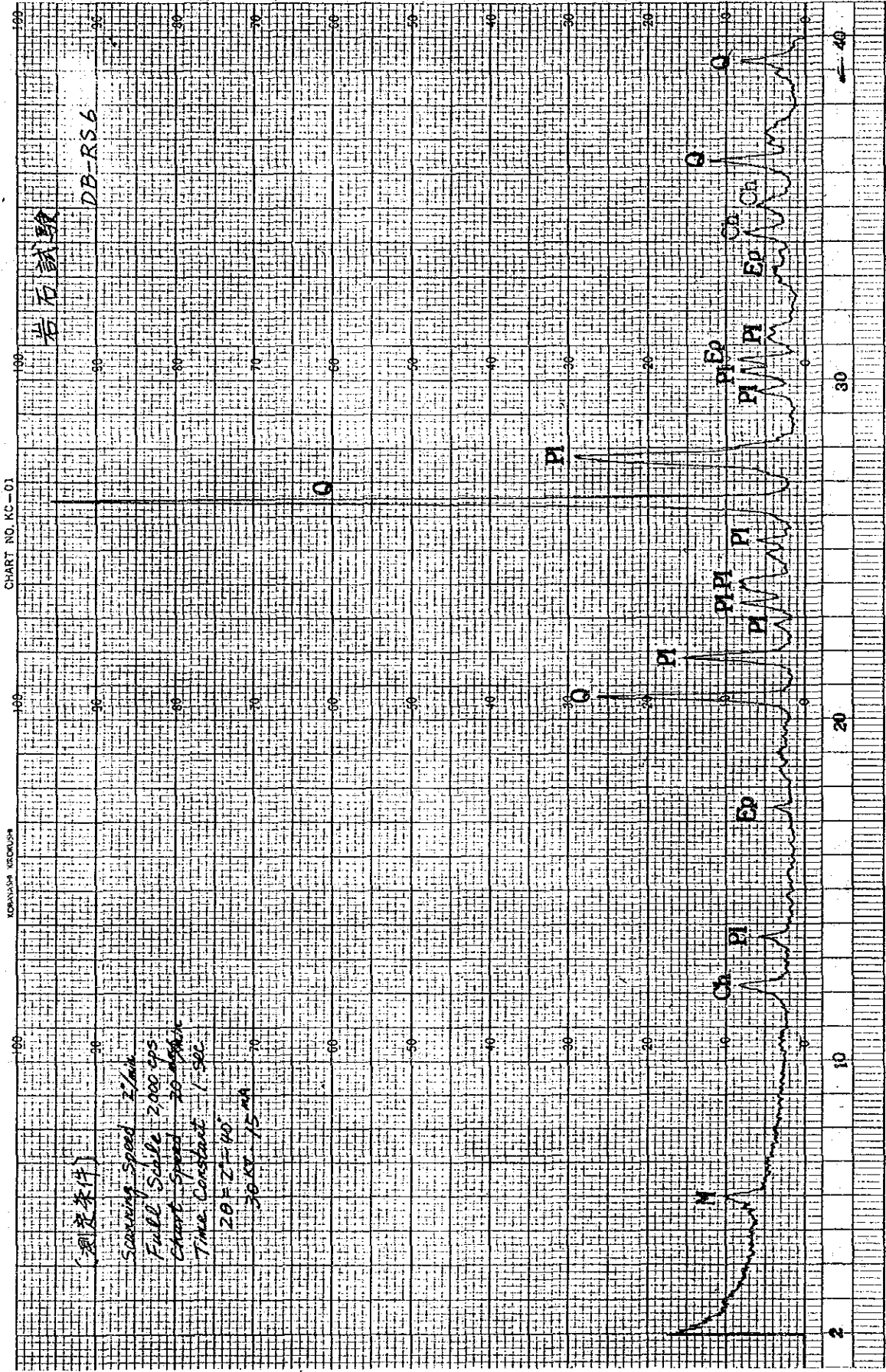


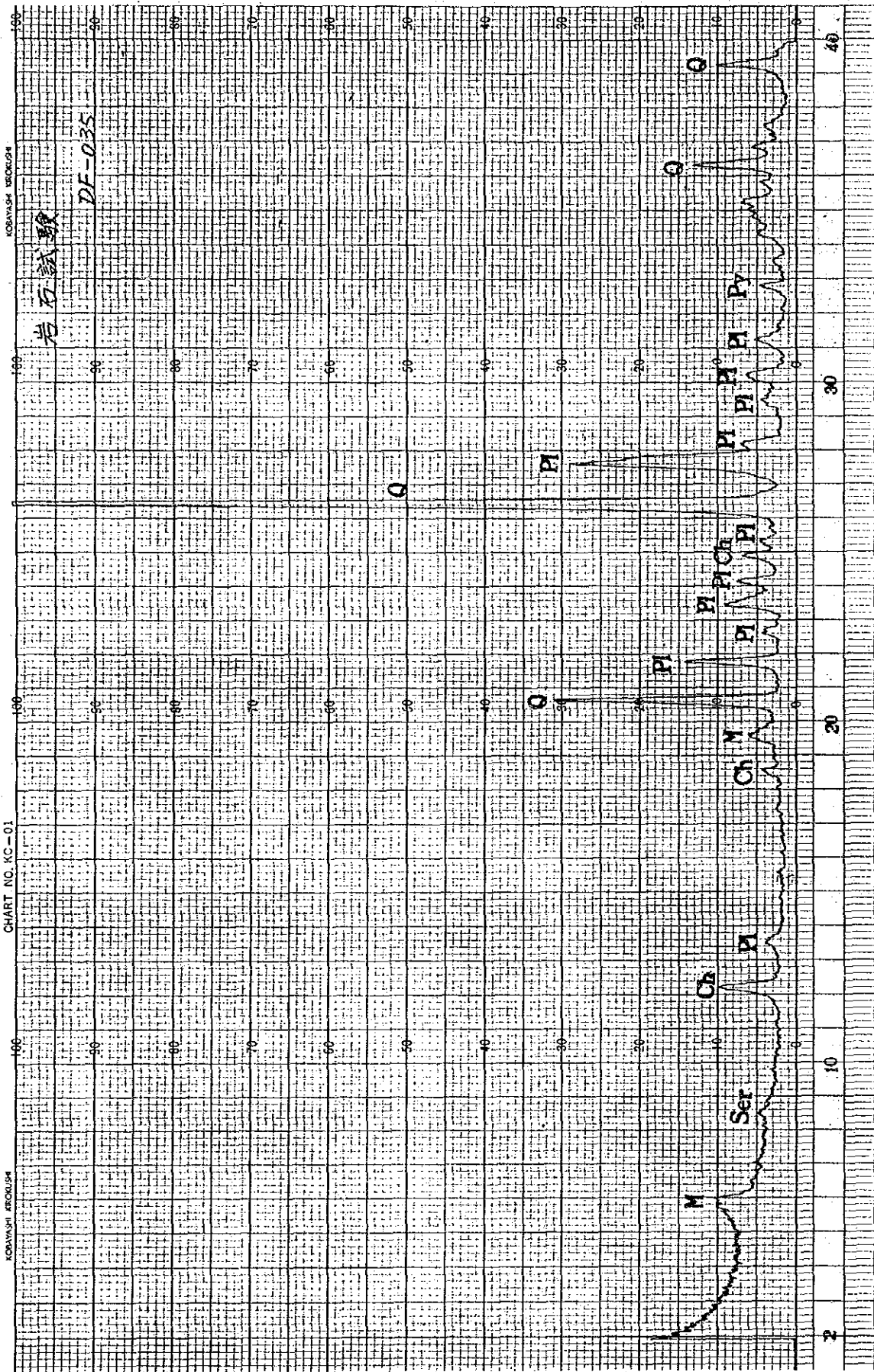
Tuguegarao Area. Result Table of X-Ray Diffraction Study

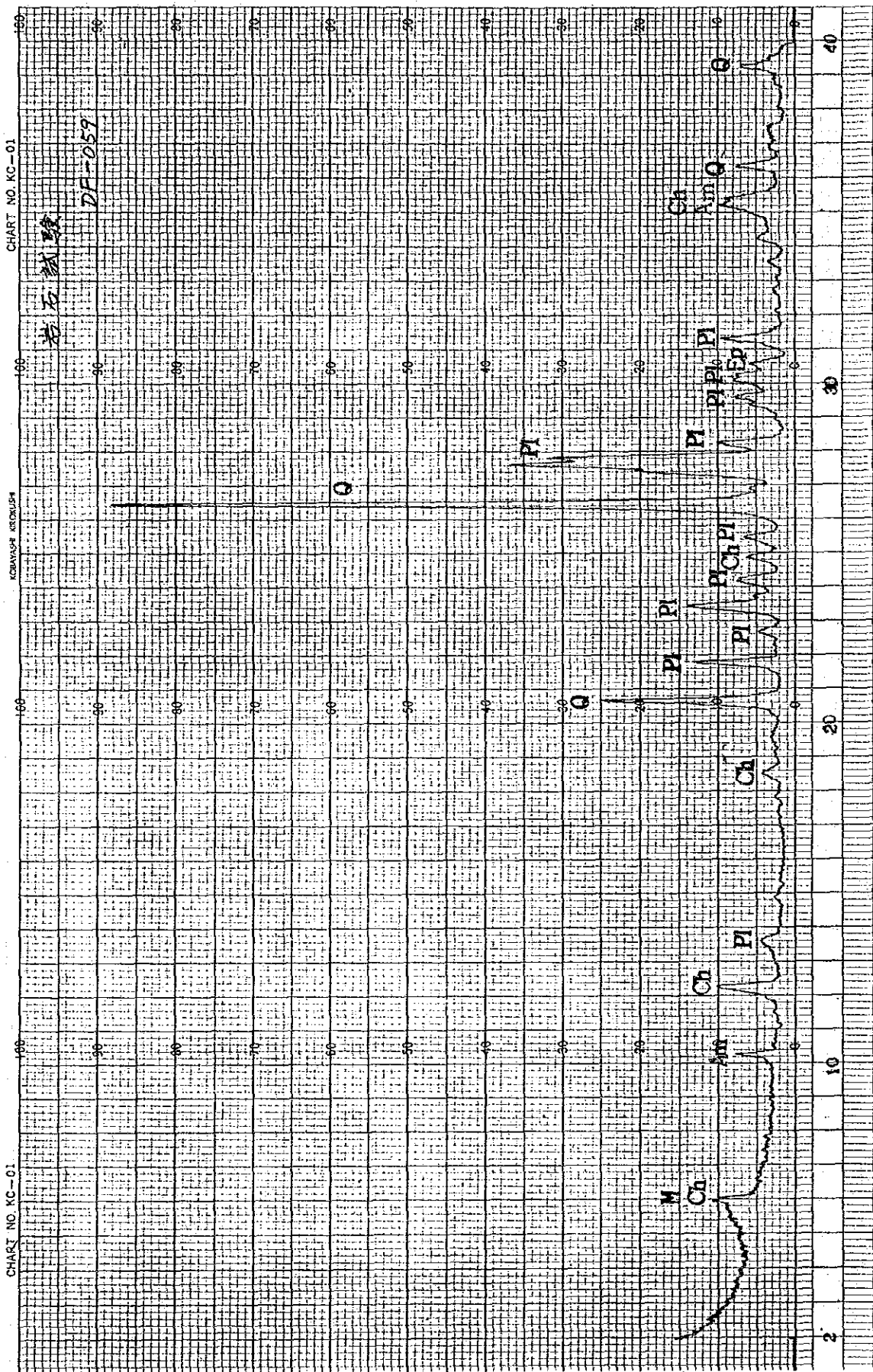
No.	Sample	Rock Name	Map No.	Map Name	Coordinates		Minerals													
					X	Y	Q	P1	Ab	Kf	Mu	Am	Ser	Ch	M	Ep	Zeo	C/M	Py	
1	DB-RS6	Altered tuff	33721	Penablanca	18,000	4,150	⊙	○								●	○			
2	DF-027	Quartz diorite	33721	Penablanca	21,400	16,900	⊙	○				●								●
3	DF-035	Altered diorite	33721	Penablanca	22,600	12,900	⊙	○					●			○				●
4	DF-039	Quartz diorite	34724	Labo Point	800	14,800	●	○						○						●
5	DF-059	Quartz diorite	33721	Penablanca	18,000	12,200	⊙	○						○						●
6	DG-017	Basic pyroclastic	33732	Callao	16,900	400	⊙		○											○
7	DH-013	Andesite	33732	Callao	17,000	1,950	⊙		○											●
8	DH-052	Altered dacite	34724	Labo Point	2,500	9,300	⊙		●											
9	SP1-A	Pyrite disseminated ore	34724	Labo Point	650	11,200	⊙		●								○			○
10	SP-C	Altered rock	34724	Labo Point	675	11,225	○		⊙											●

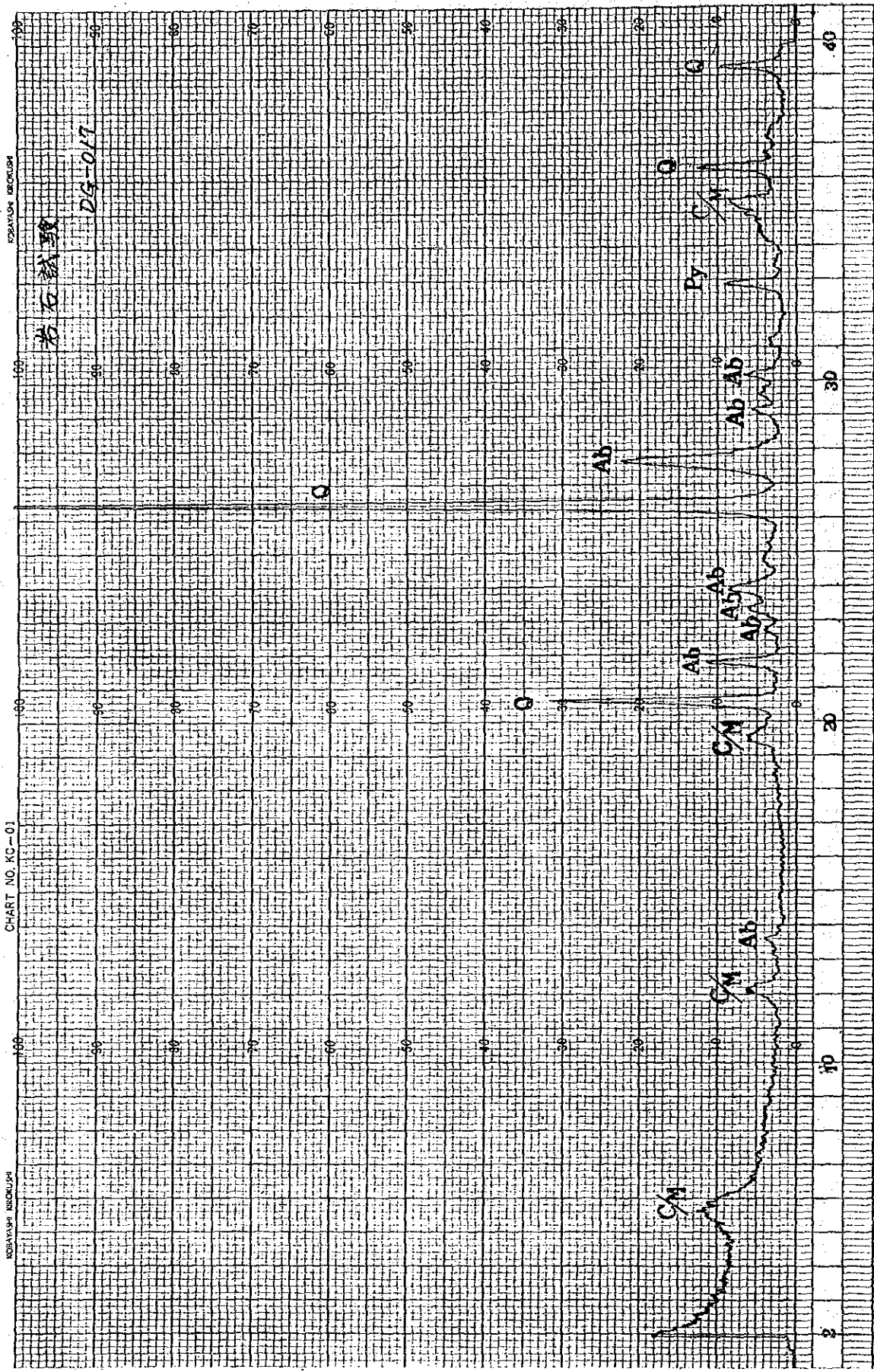
Abbreviation

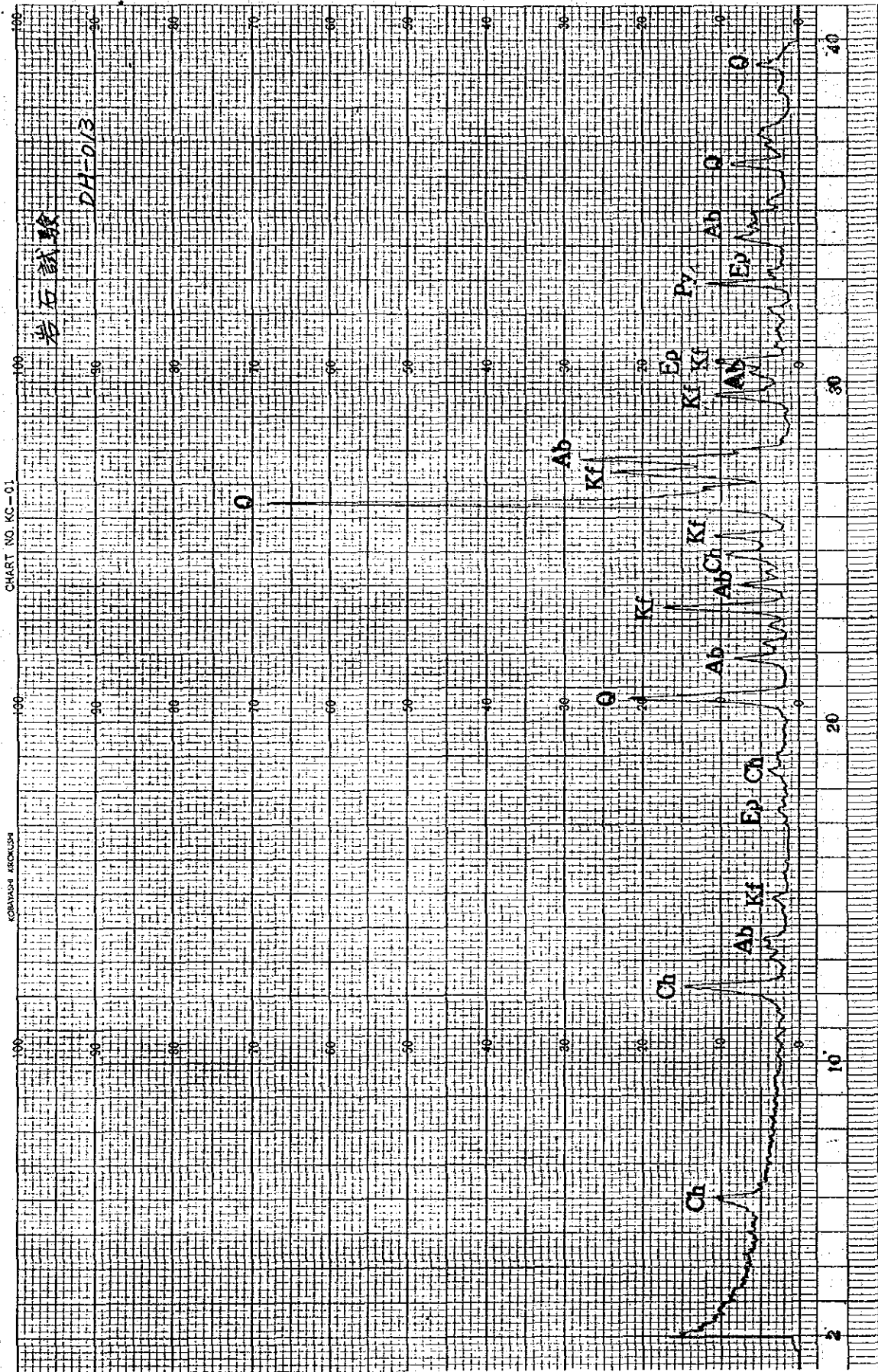
- ⊙ : Abundant ○ : Common ● : Minor - Rare
 Q : Quartz Pl : Plagioclase Ab : Albite Kf : K-feldspater Mu : Muscovite
 Am : Amphibole Ser : Sericite Ch : Chlorite M : Montmorillonite Ep : Epidote
 Zeo : Zeolite C/M : Chlorite Montmorillonite Mixed-layer Py : Pyrite











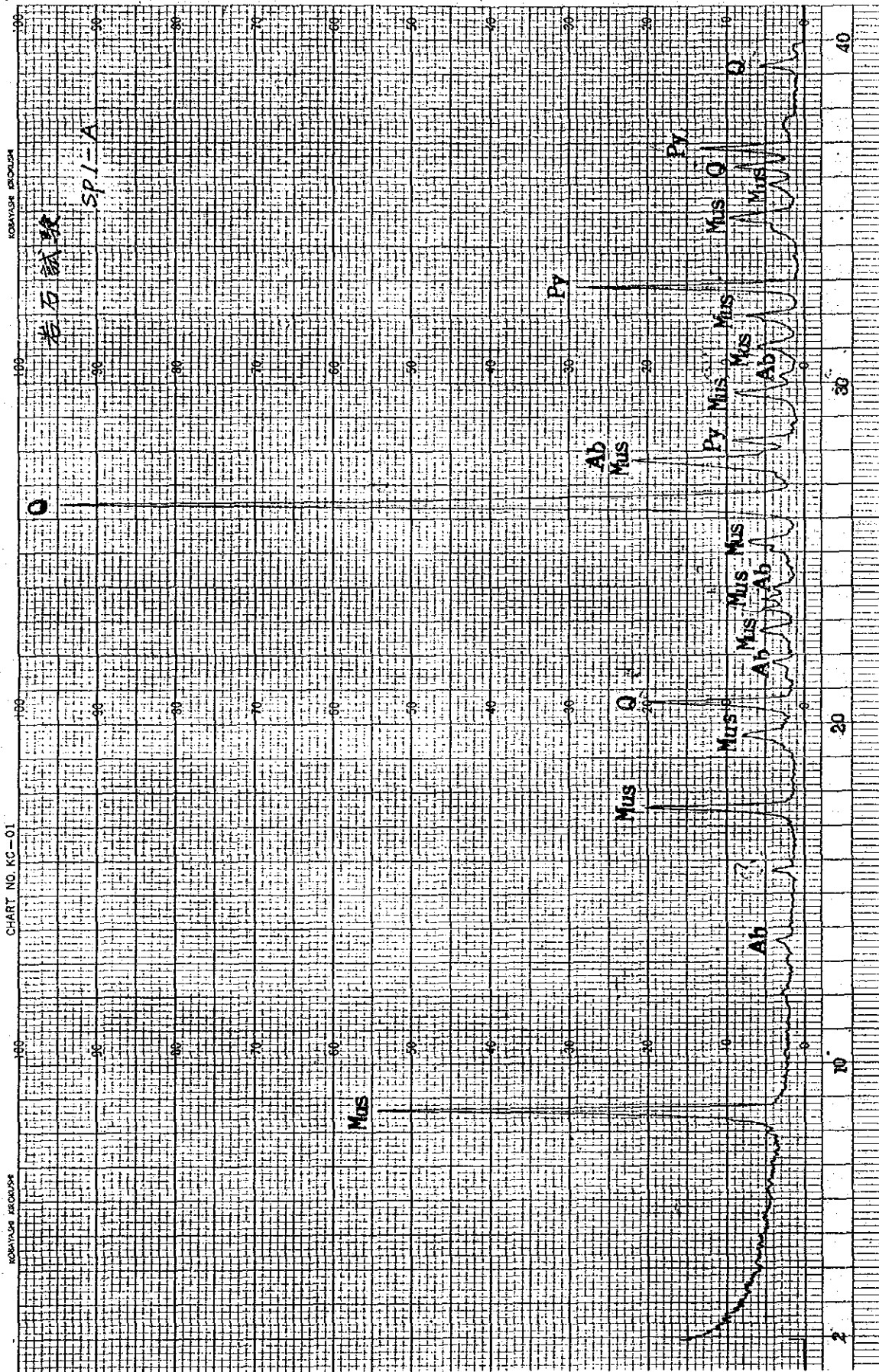
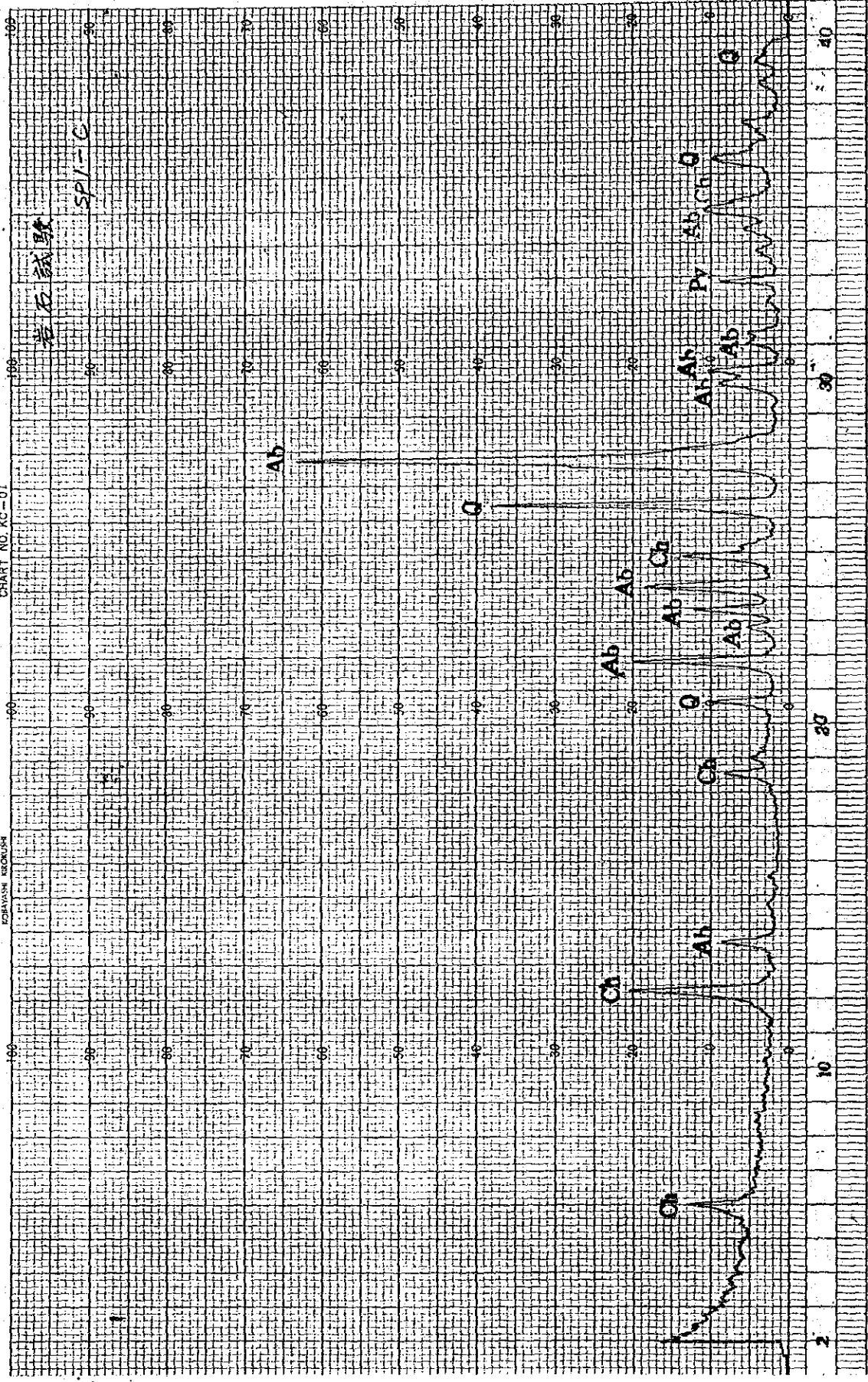


CHART NO. KC-01

ESBAYASHI KOBUNSHI

岩石試験

SPI=C



**Appendix 6 Histogram and Cumulative Frequency Curve of Stream
Sediment Analytical Data**

