

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			
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 3; Medium  
 2; Small 1; Rare  
 ?; Doubtful

Conditions for X-Ray Diffraction

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

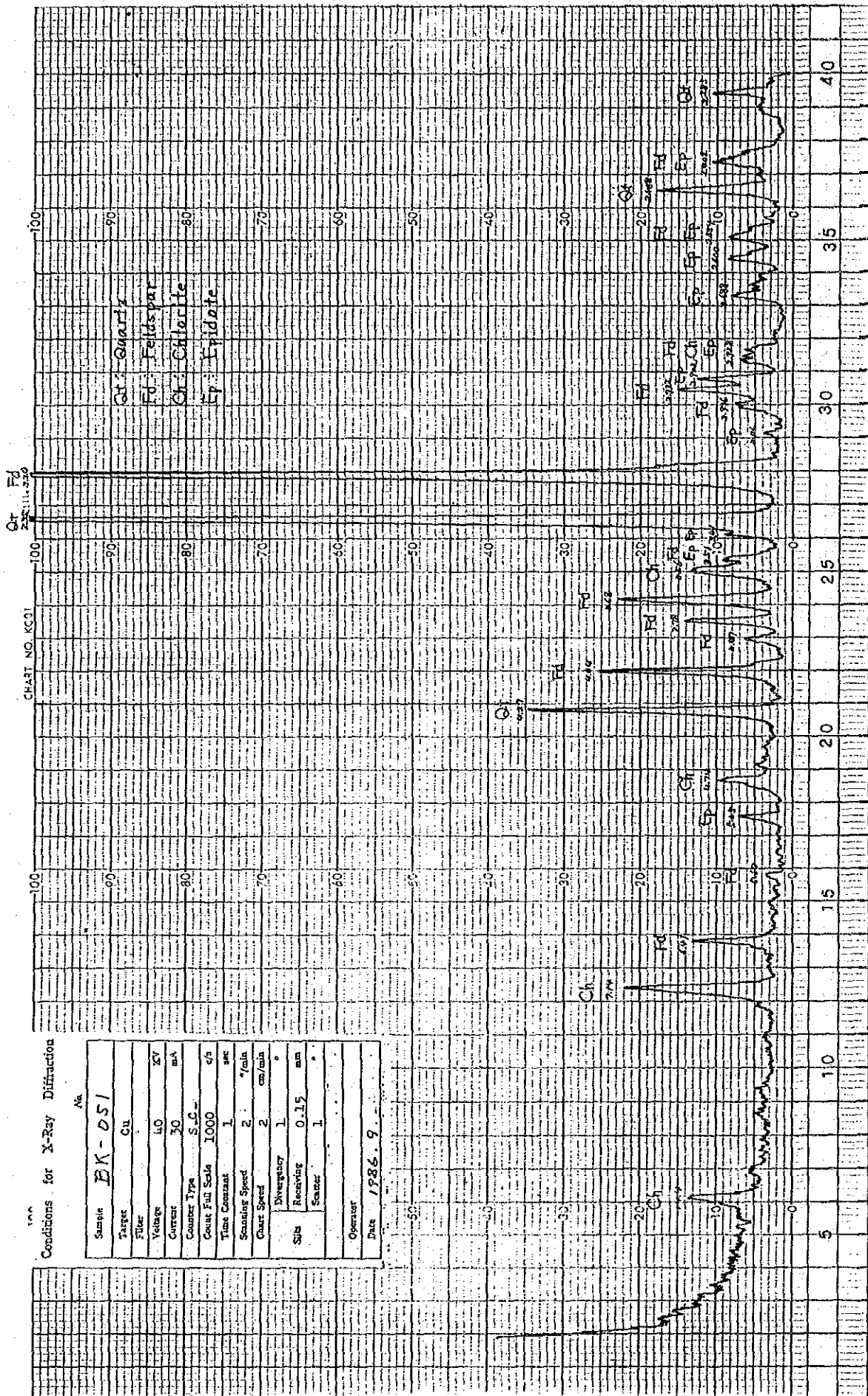
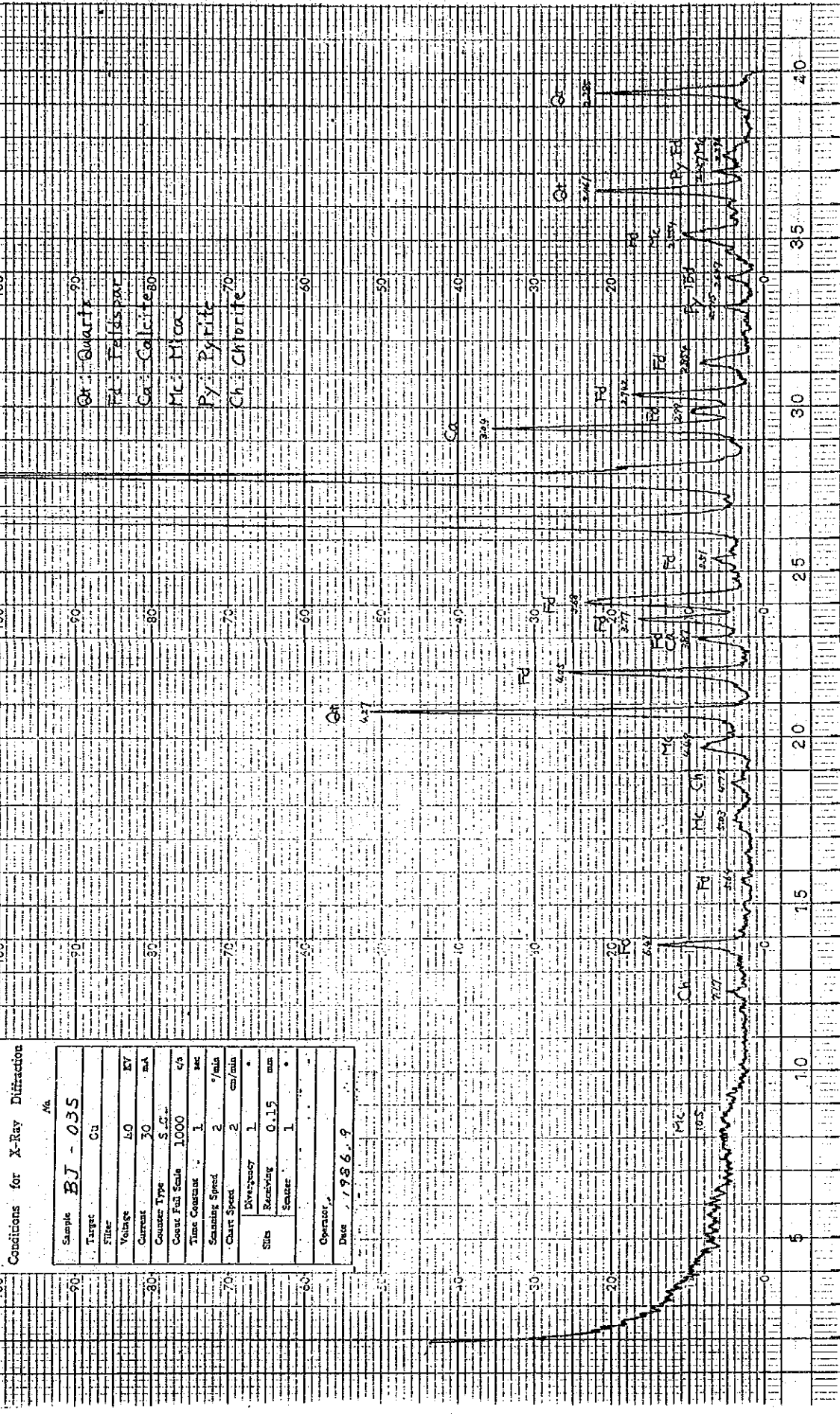




CHART NO. KC01

CHART NO. KC01





Conditions for X-Ray Diffraction

Sample	EA-008b
Target	Cu
Filter	
Voltage	40 KV
Current	30 mA
Counter Type	SiC
Count Full Scale	1000 cps
Time Constant	1 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergency	1 °
Slits	Receiving 0.15 mm
Scatterer	1 °
Operator	
Date	1986.9

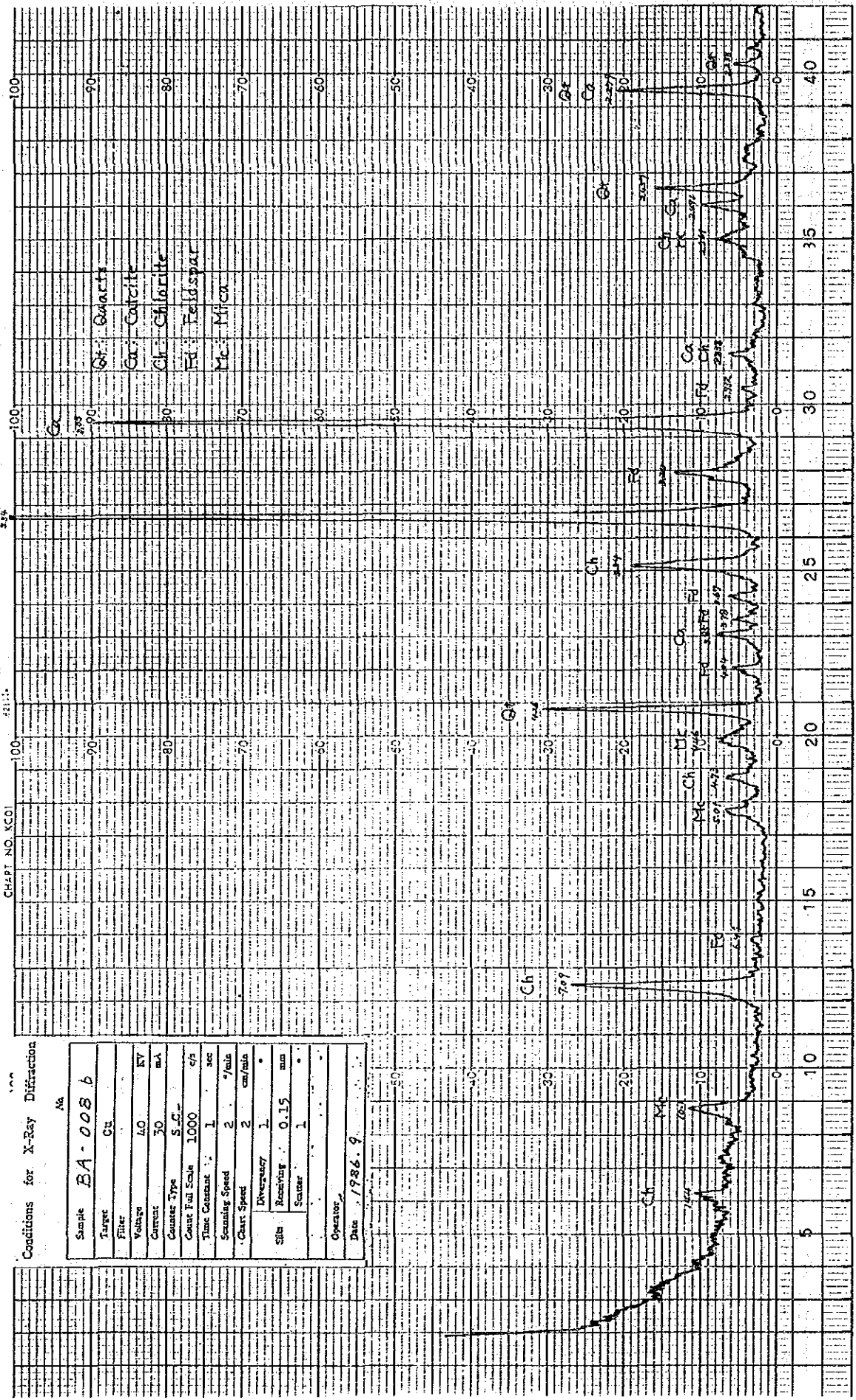
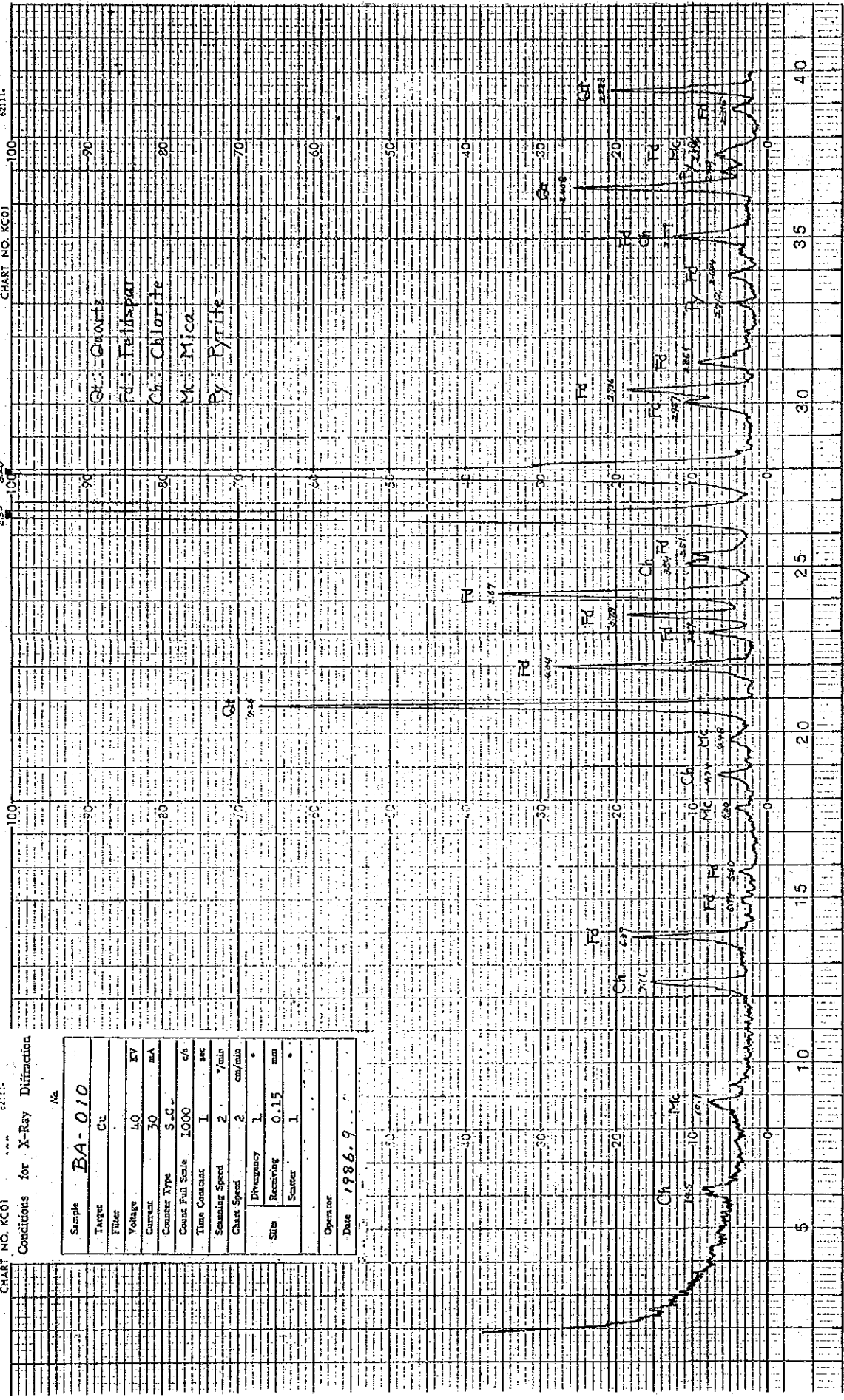


CHART NO. KC01 62114

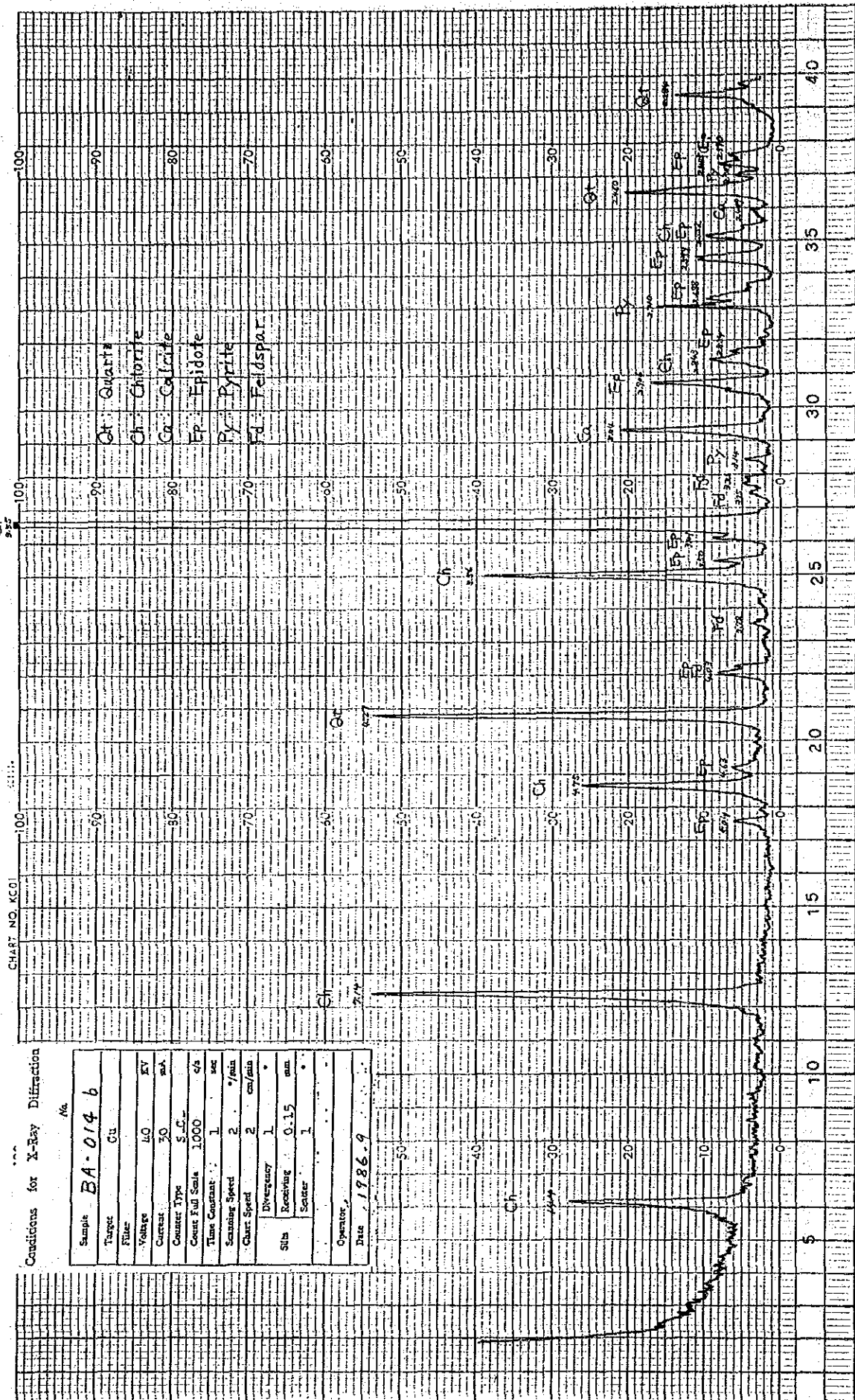
CHART NO. KC01  
 Conditions for X-Ray Diffraction

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



Conditions for X-Ray Diffraction

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





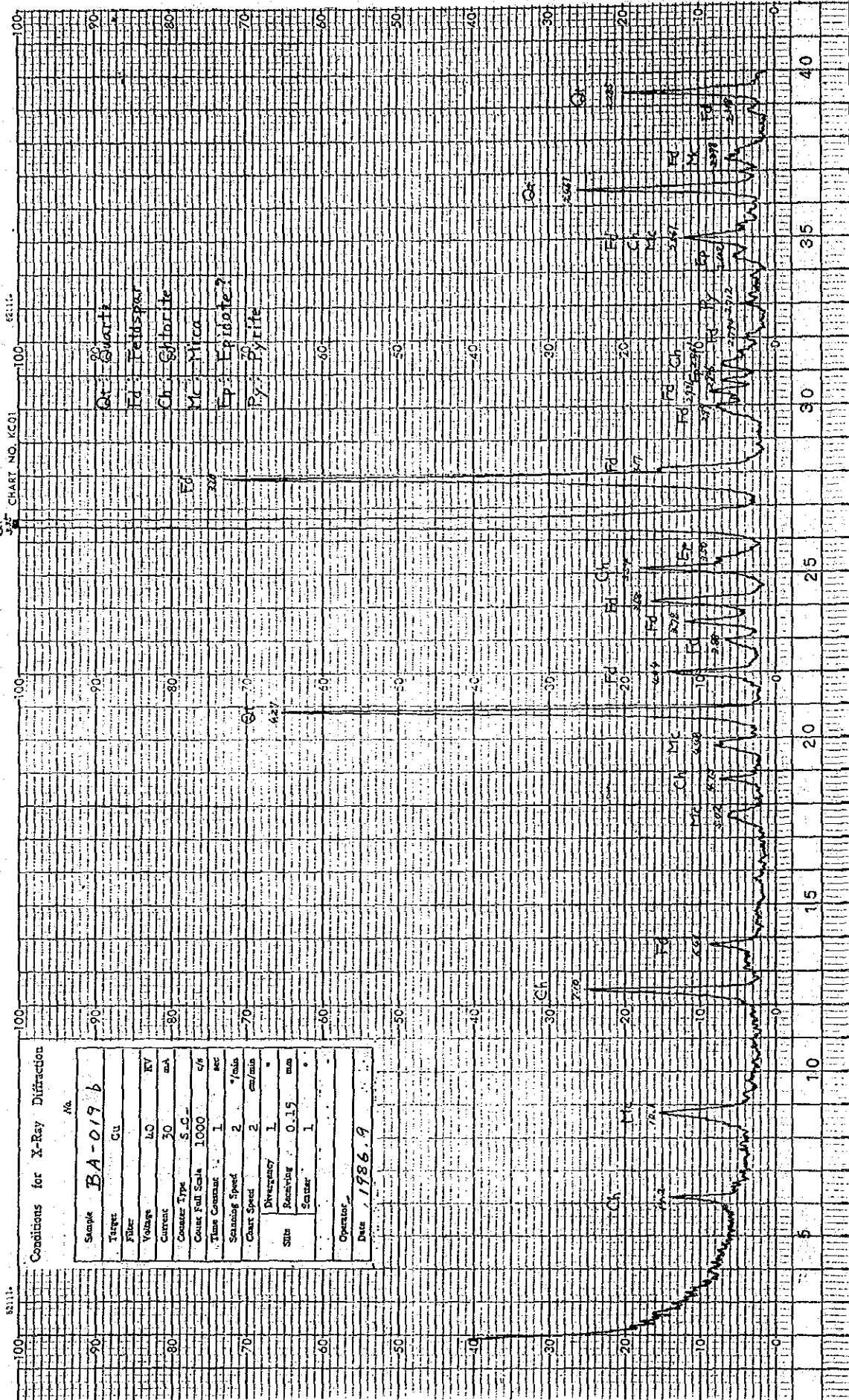


CHART NO. KCG1

Conditions for X-Ray Diffraction

Sample No.	BA-019 b
Target	Cu
Filter	
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
Divergency	1 °
Slit	
Receiving	0.15 mm
Scatterer	1 °
Operator	
Date	1986.9



CHART NO. KCD1

Conditions for X-Ray Diffraction

Sample	BA-017
Target	Cu
Filter	
Voltage	40 KV
Current	30 mA
Counter Type	S.C.
Count Full Scale	1,000 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

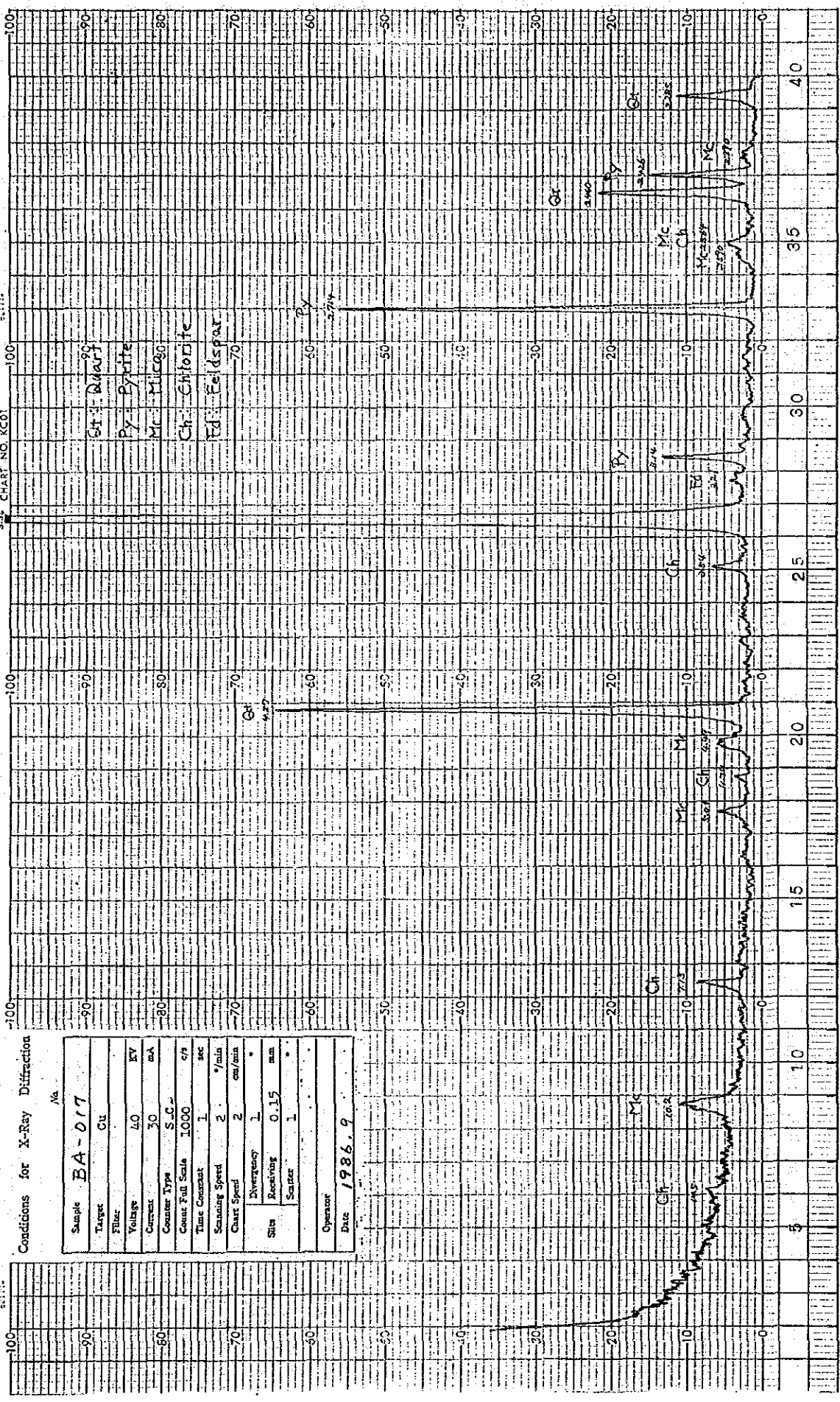
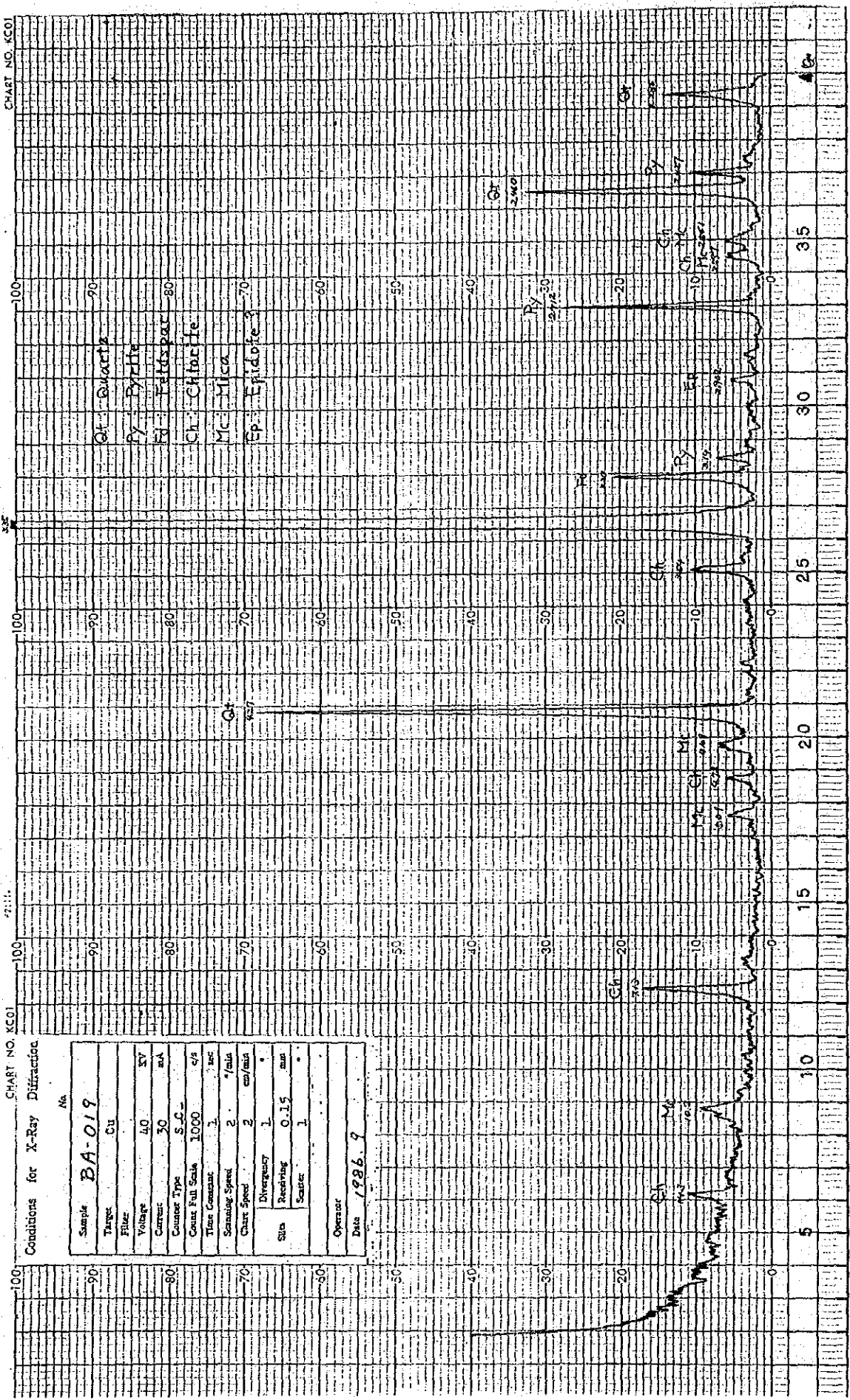


CHART NO. KC01

CHART NO. KC01

Conditions for X-Ray Diffraction

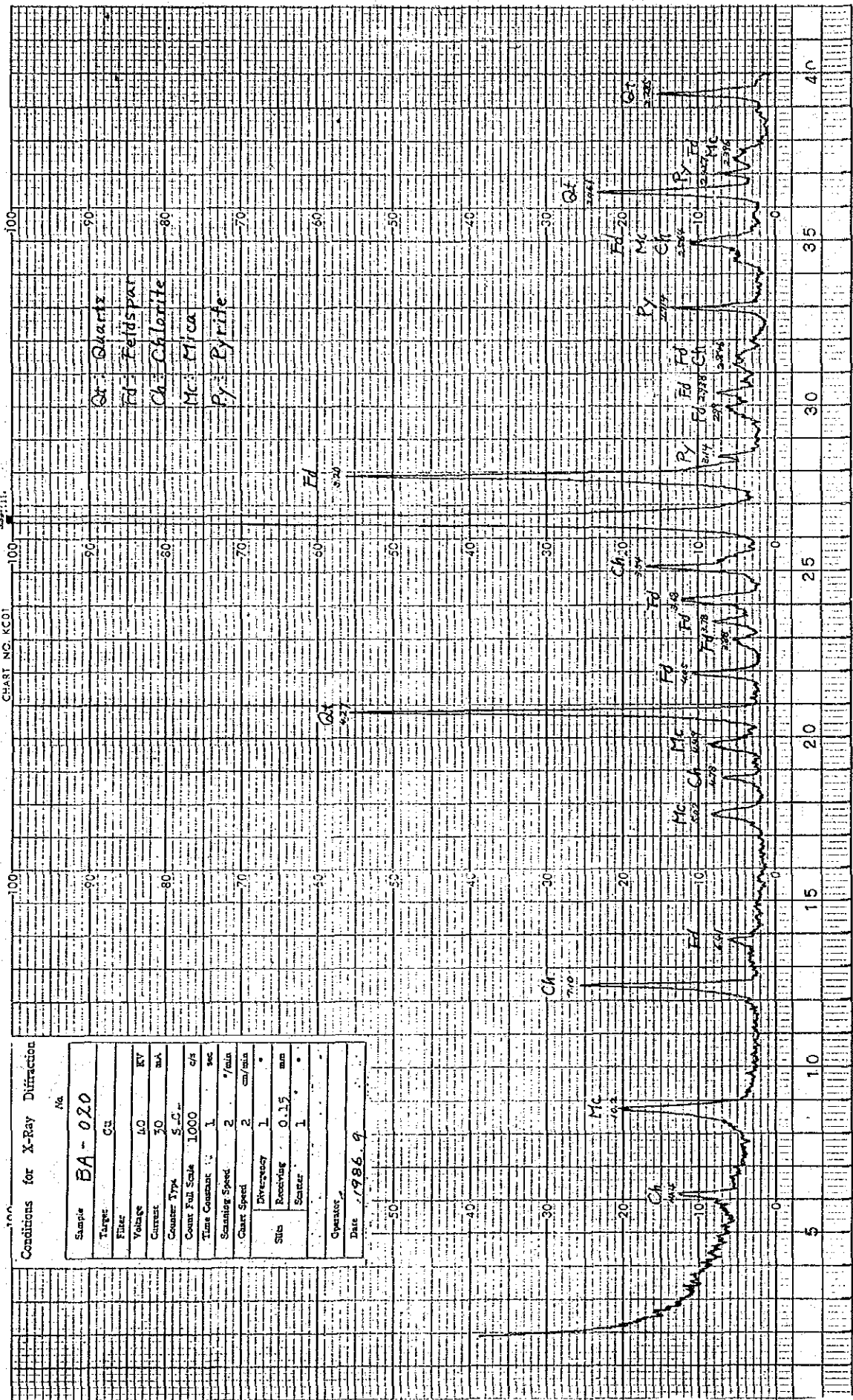
Sample No.	BA-019
Target	Cu
Filter	
Voltage	40 KV
Current	30 mA
Counter Type	S.C.
Counts Full Scale	1000
Time Constant	1 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergency	1 °
Receiving	0.15 mm
Scatterer	1 °
Operator	
Date	1986.9





Conditions for X-Ray Diffraction

Sample	BA - 020	
Target	Cu	
Filter		
Voltage	40	KV
Current	30	mA
Counter Type	S-G	
Count Full Scale	1000	C/A
Time Constant	1	sec
Scanning Speed	2	°/min
Chart Speed	2	cm/min
Divergency	1	°
Slits	Recording	0.15
	Scatter	1
Operator		
Date	1986.9	

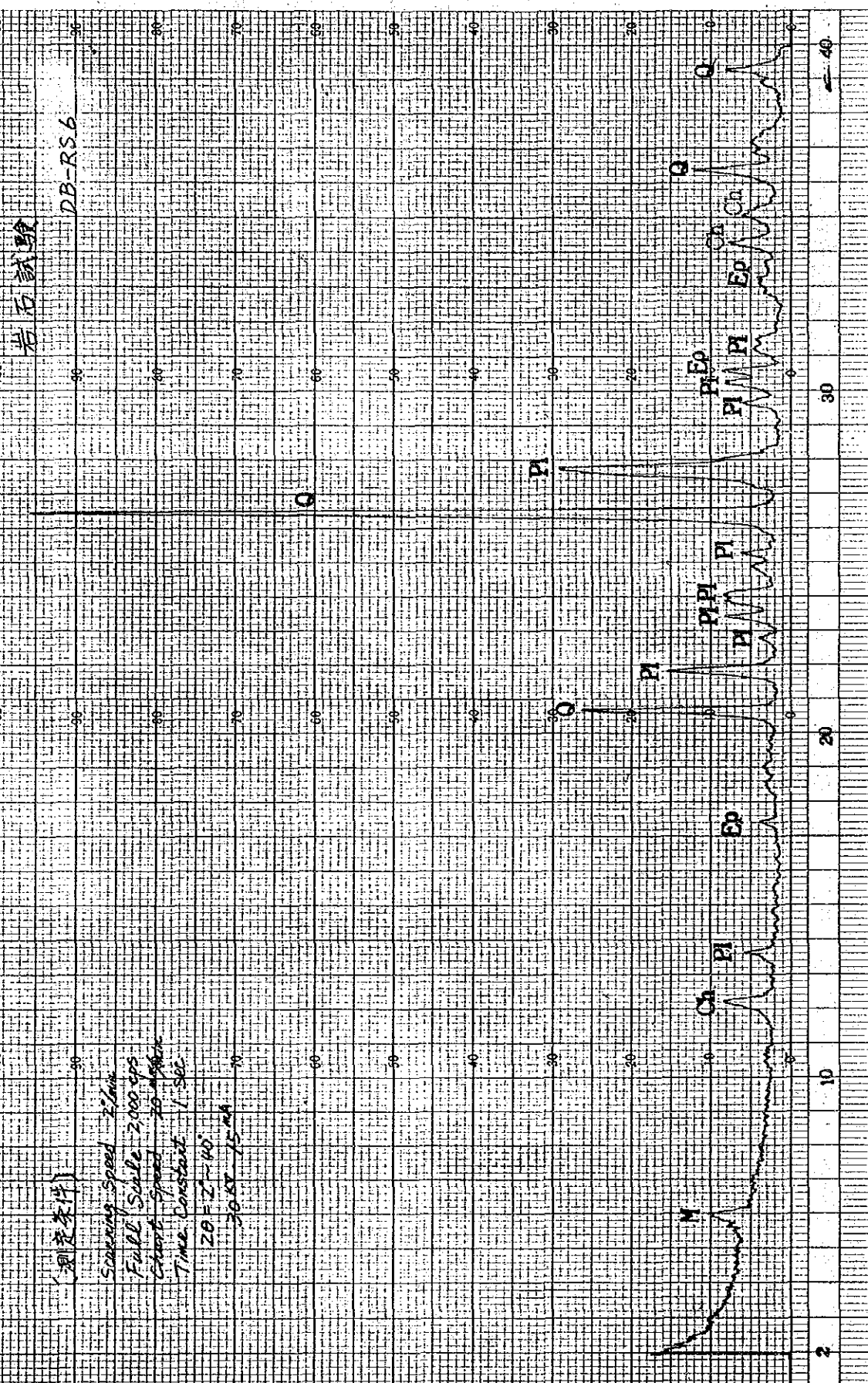


Tuguegarao Area. Result Table of X-Ray Diffraction Study

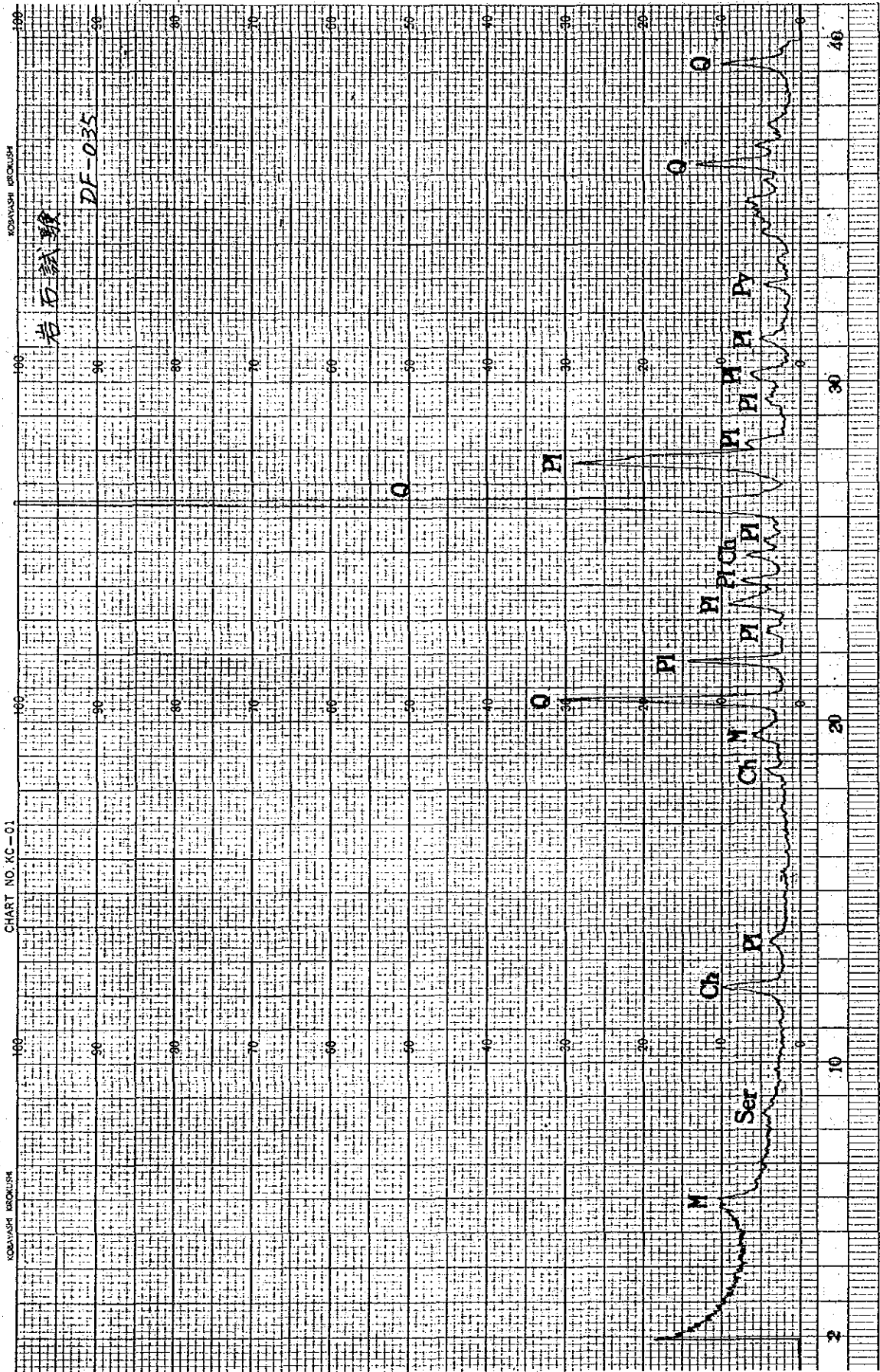
No.	Sample	Rock Name	Map No.	Map Name	Coordinates		Minerals																
					X	Y	Q	Pl	Ab	Kf	Mu	Am	Ser	Ch	M	Ep	Zeo	C/M	Py				
1	DB-RS6	Altered tuff	33721	Penablanca	18,000	4,150	☉	○								●	○						
2	DF-027	Quartz diorite	33721	Penablanca	21,400	16,900	☉	○				●										●	
3	DF-035	Altered diorite	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

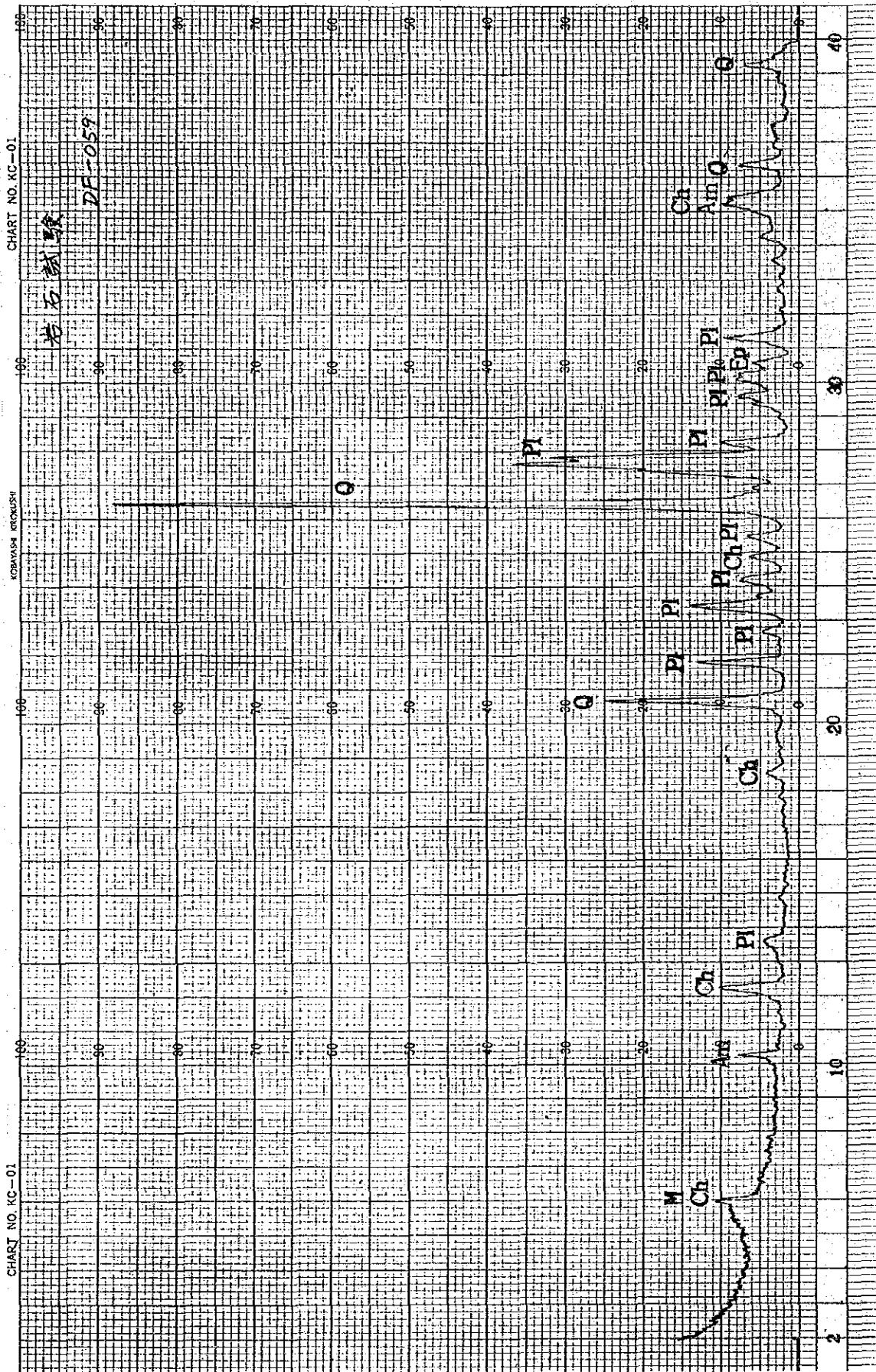














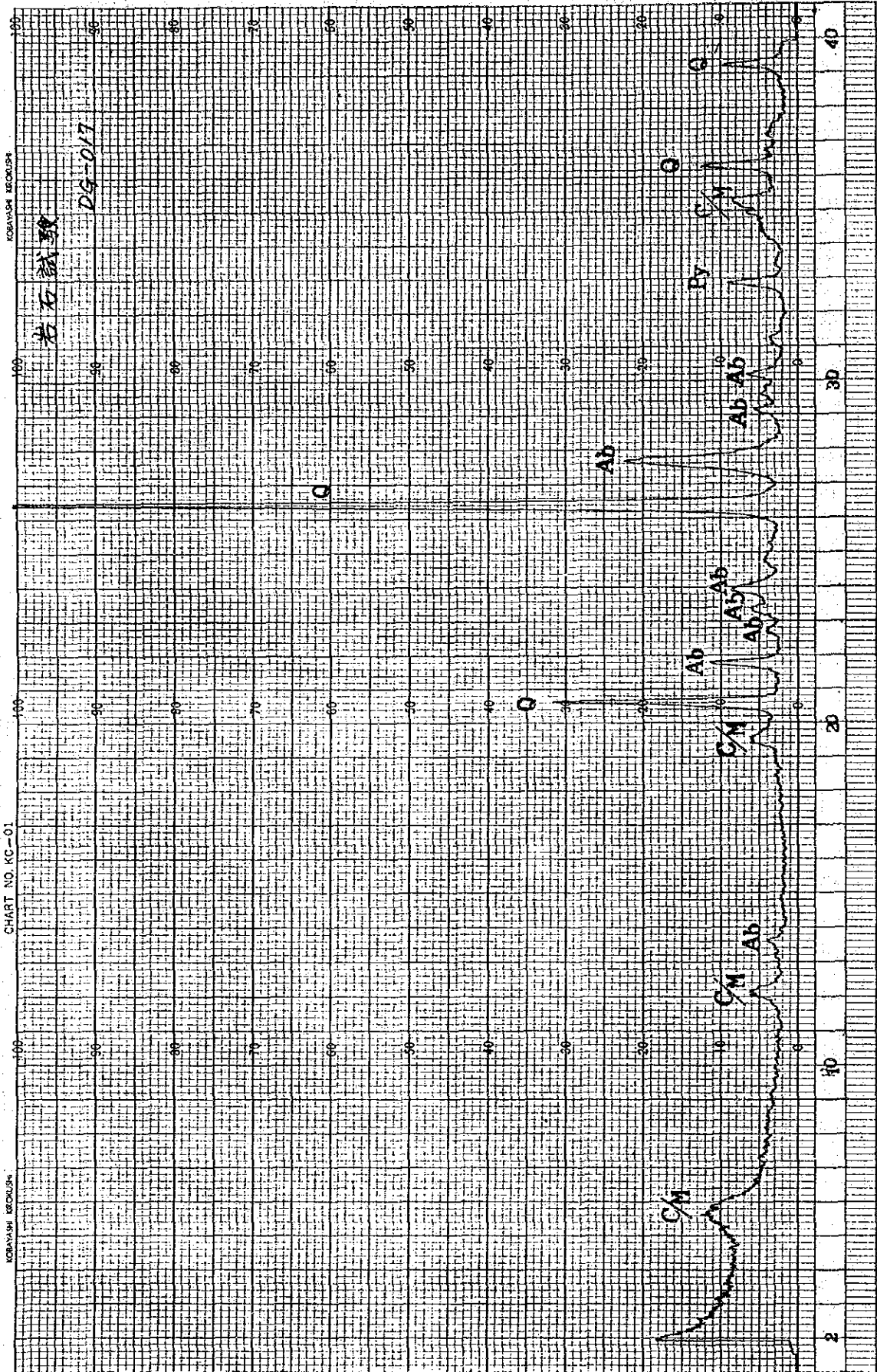
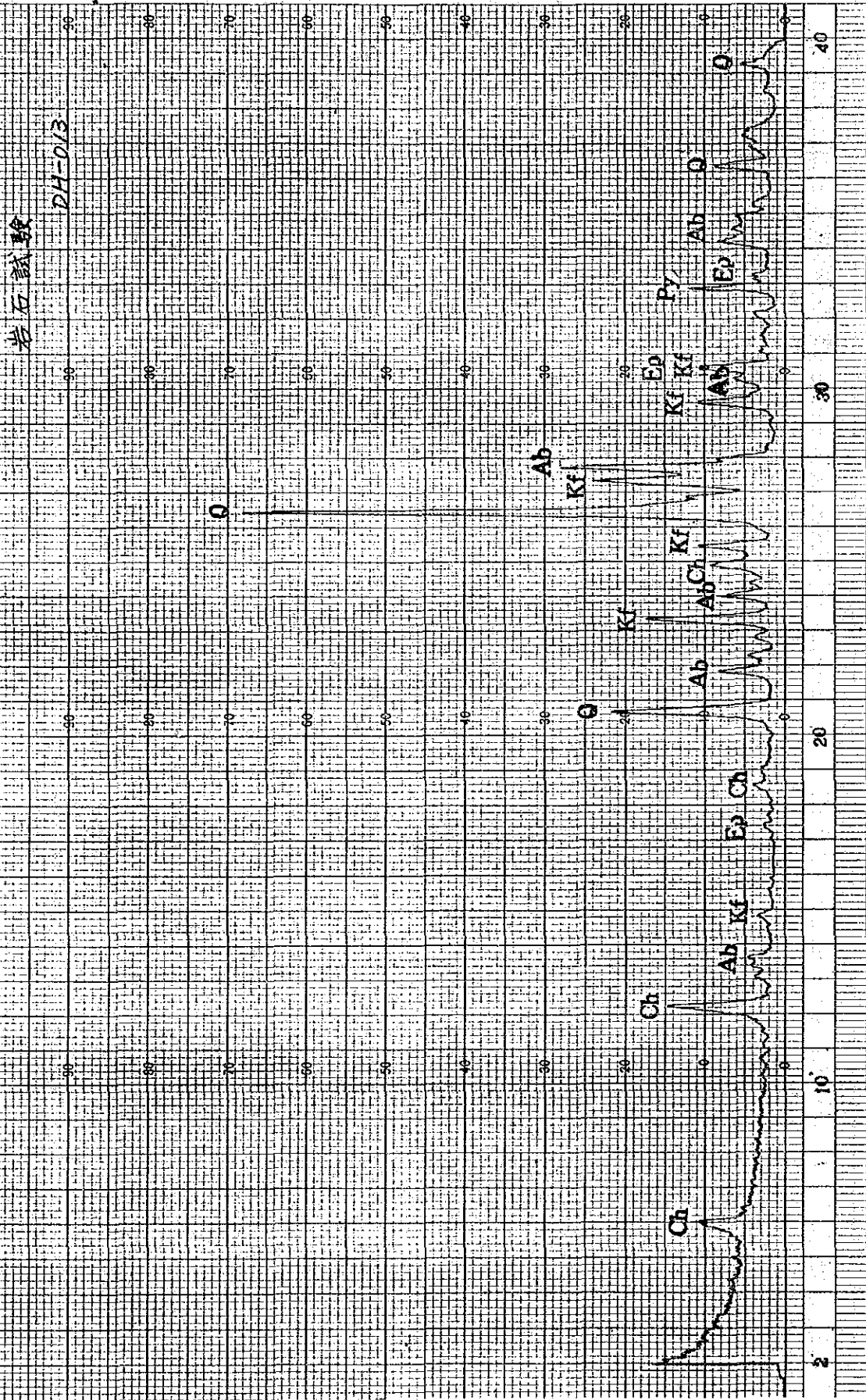
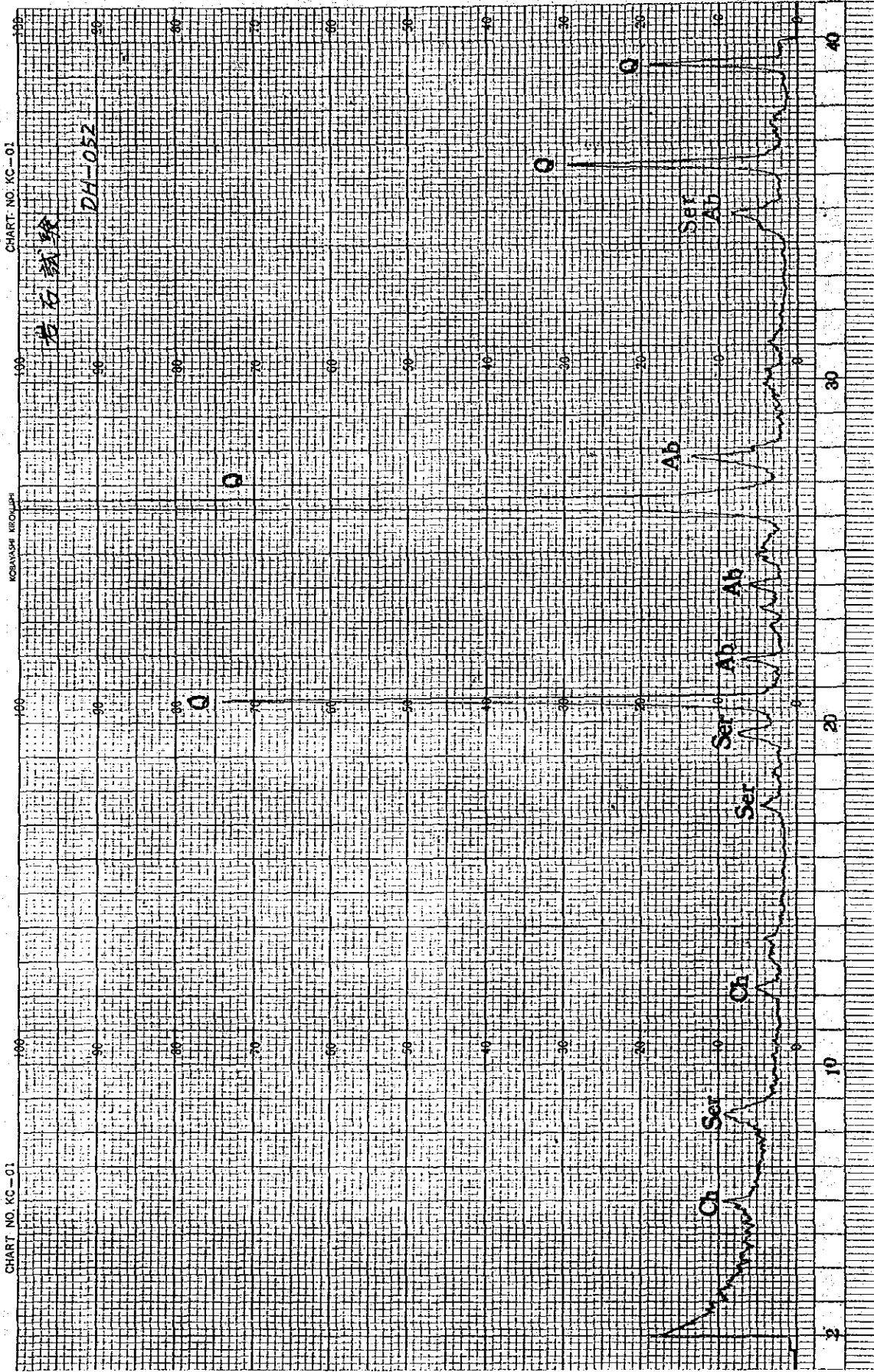


CHART NO. KC-01

KOBANASHI RECORDER





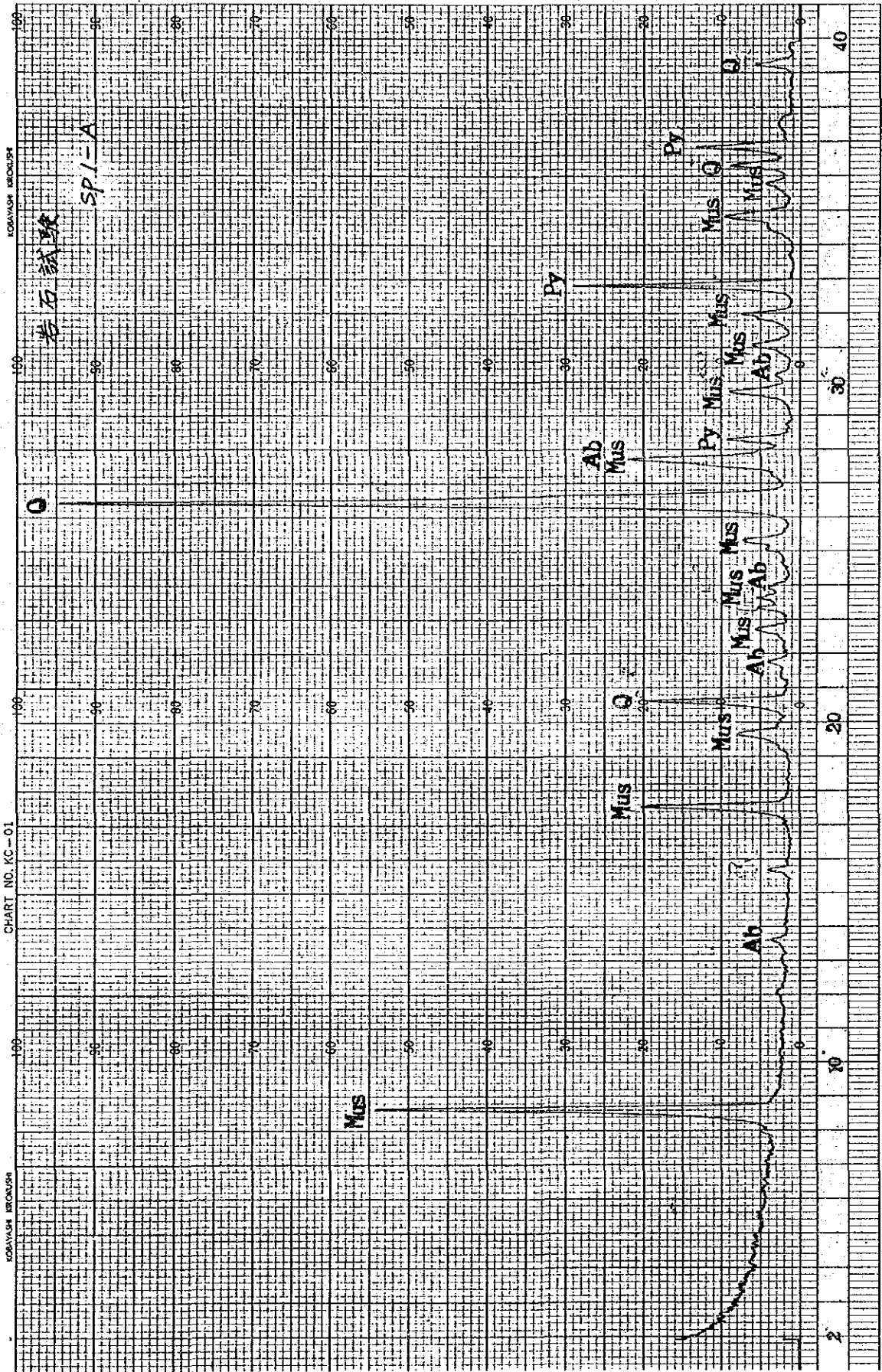




CHART NO. KC-01

ICP ANALYSIS VOLCANUSHI

