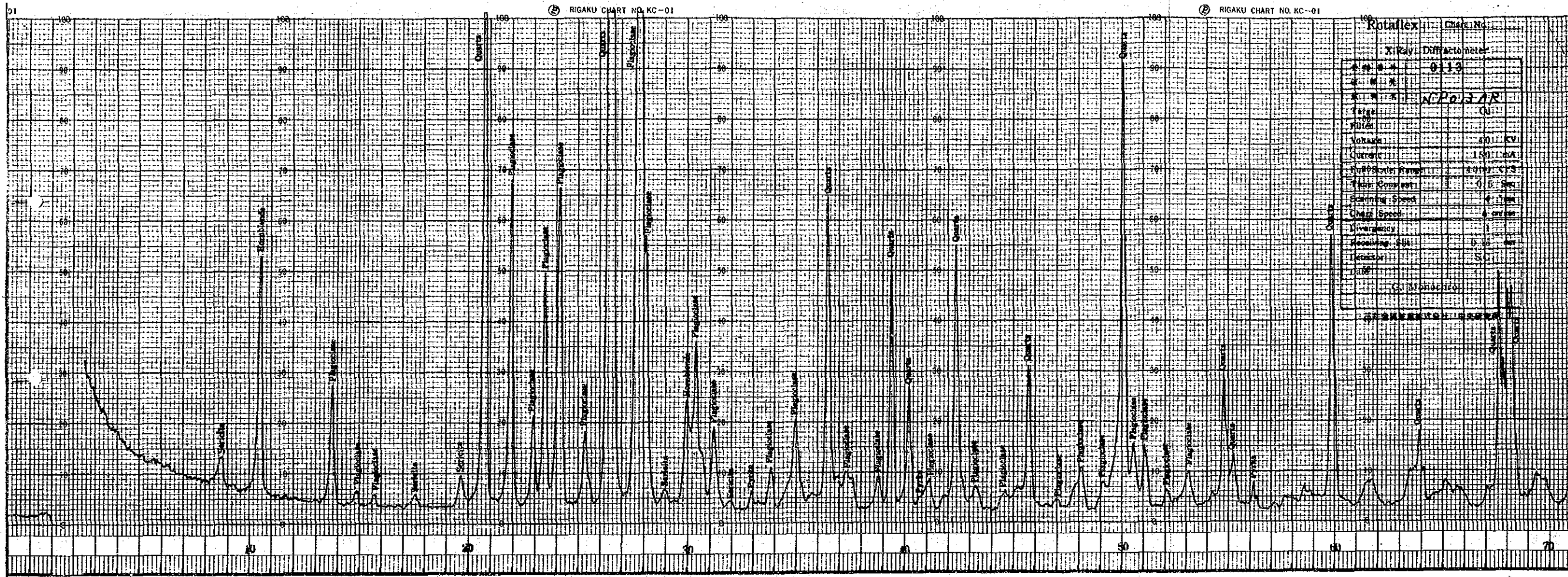


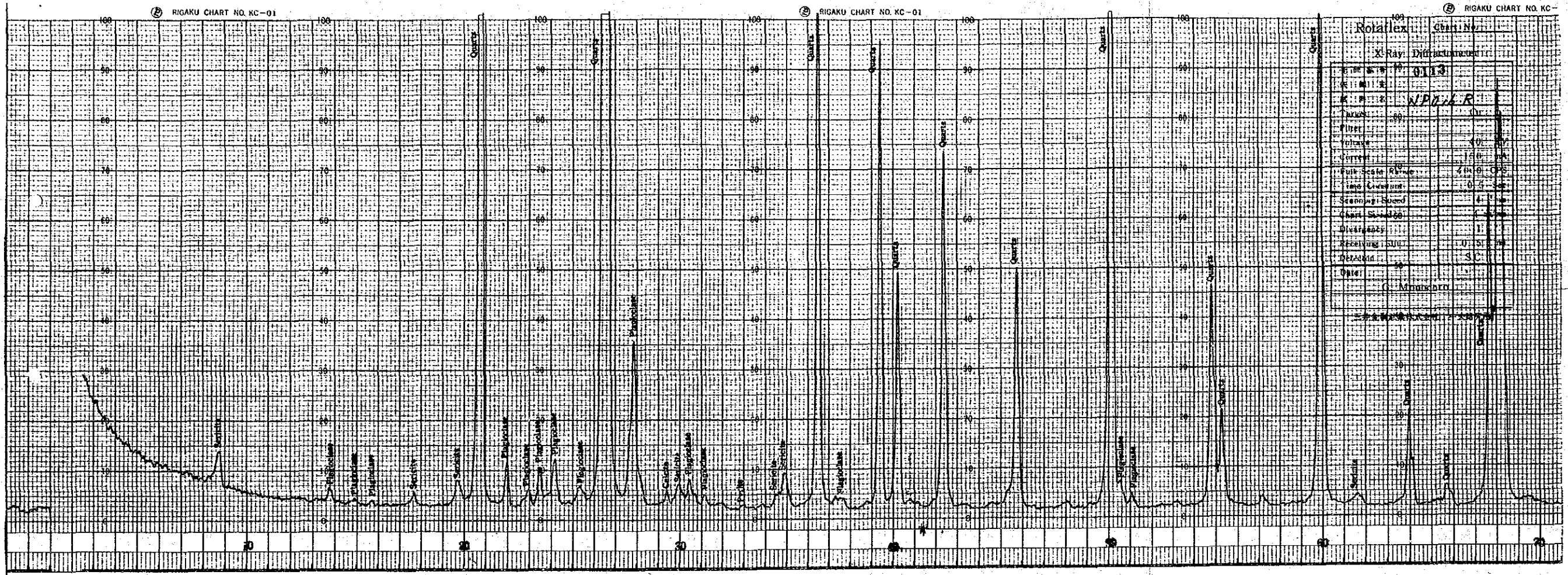
Appendix 5 · Result of X-Ray Diffraction Analysis

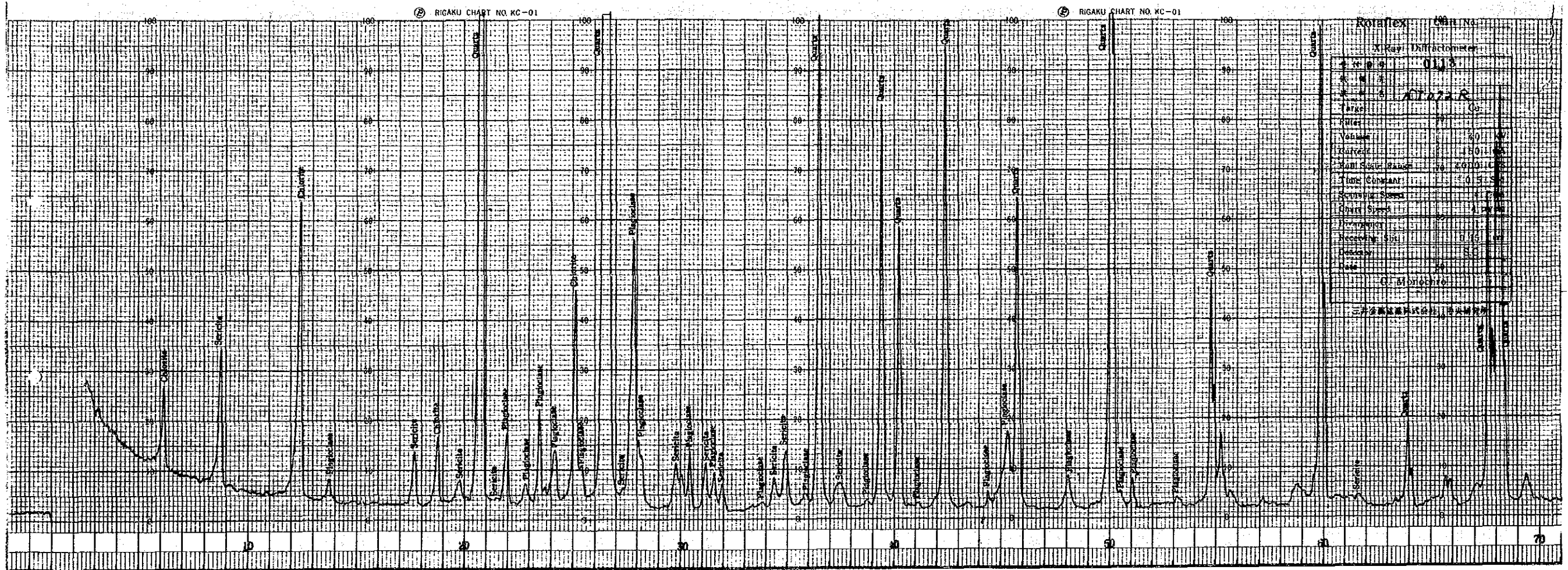
Appendix 5-1 Result of X-Ray Diffraction Analysis (Taytay Area)

Estimated Mineral \ Sample	Quartz	Calcite	Dolomite	Plagioclase	K-feldspar	Hornblende	Biotite	Clinopyroxene	Orthopyroxene	Forsterite	Sericite	Chlorite	Antigorite	Kaolinite	Prehnite	Laumontite	Gypsum	Pyrite	
NP013AR	⊙			⊙		○					△								●
NP016R	⊙	●		△							△								●
NT072R	⊙			○							△	○							
VULCAN-1	⊙			●	●						●			●?		●			●
VULCAN-2	⊙			●	●						●			●?					
VULCAN-3	⊙			●	●						●								
VULCAN-4	⊙				△														
NINBAY-1	⊙				●														
NINBAY-2	⊙				△						●								
NINBAY-3	⊙			△	△														

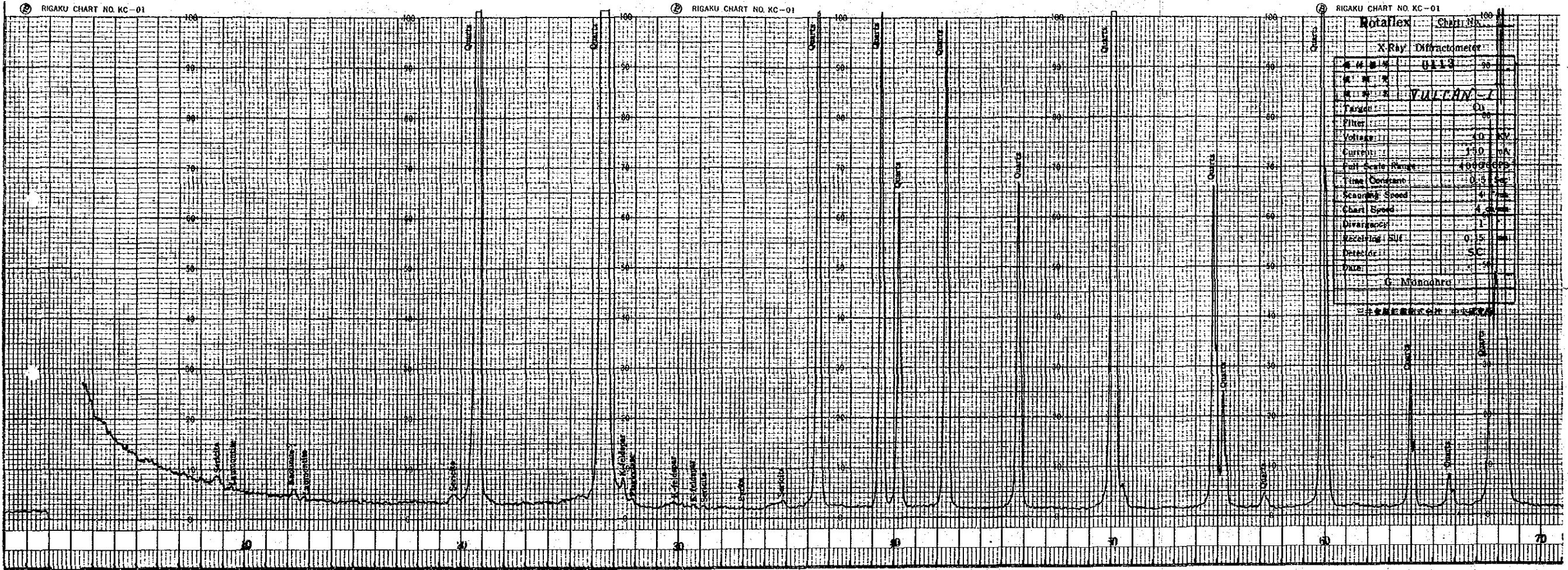
⊙ Abundant ○ Medium △ Small ● Rare



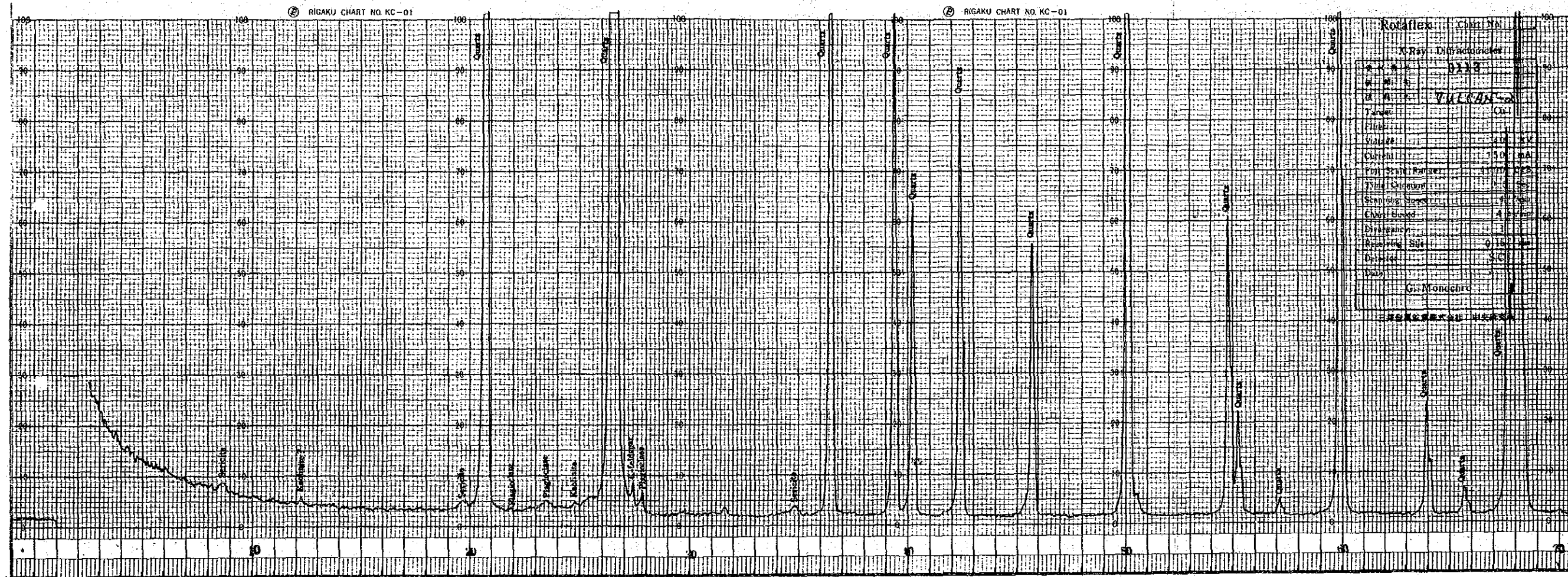


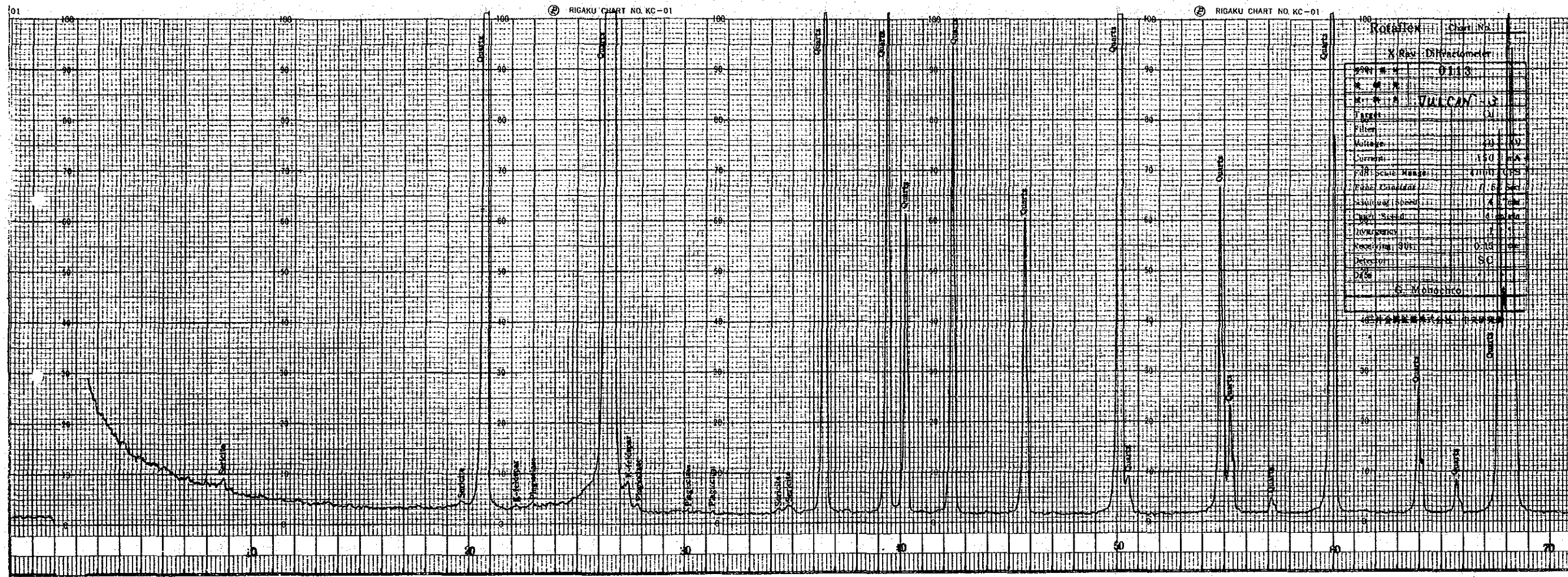


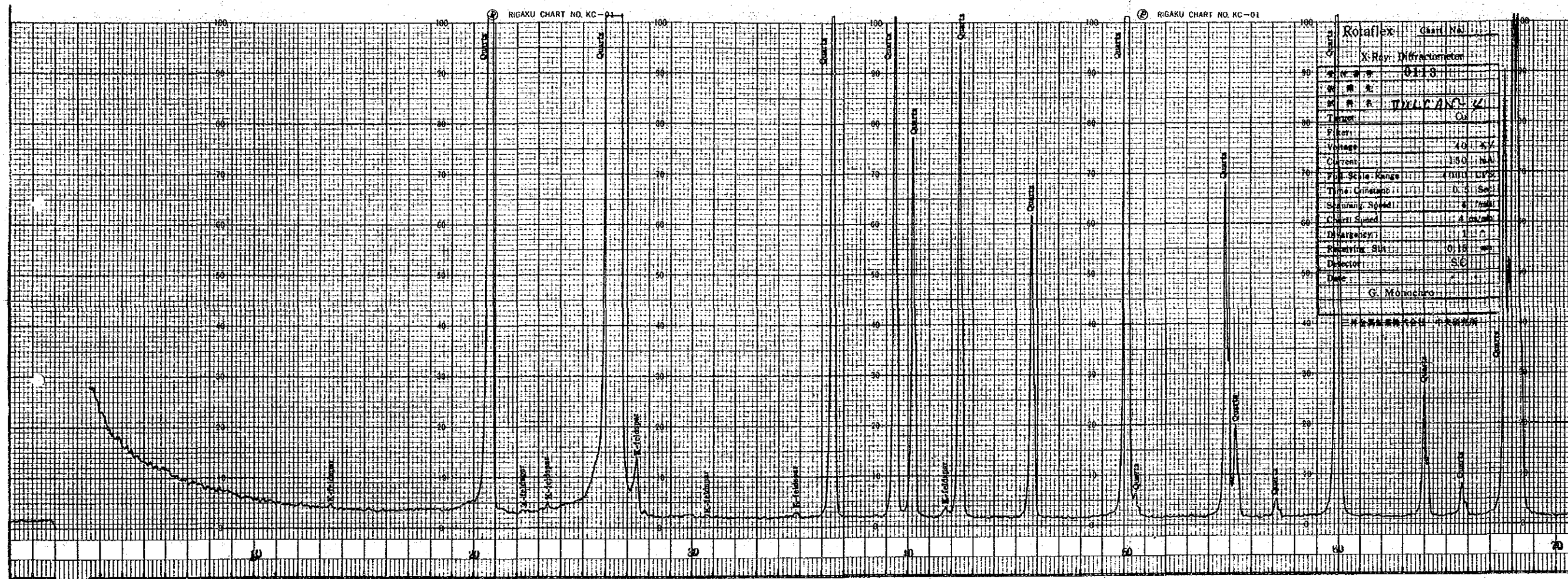
ROTATEX
 X-Ray Diffractometer
 Sample No. 0113
 Name
 Date
 Filter
 Voltage 40 KV
 Current 15.0 mA
 Scan Rate 2.000 /min
 Time Constant 1.0 sec
 Scanning Speed
 Chart Speed
 Receiving Slit 1.5 mm
 Detector
 Scale
 G. Bragg
 日本分業株式会社 東京研究所

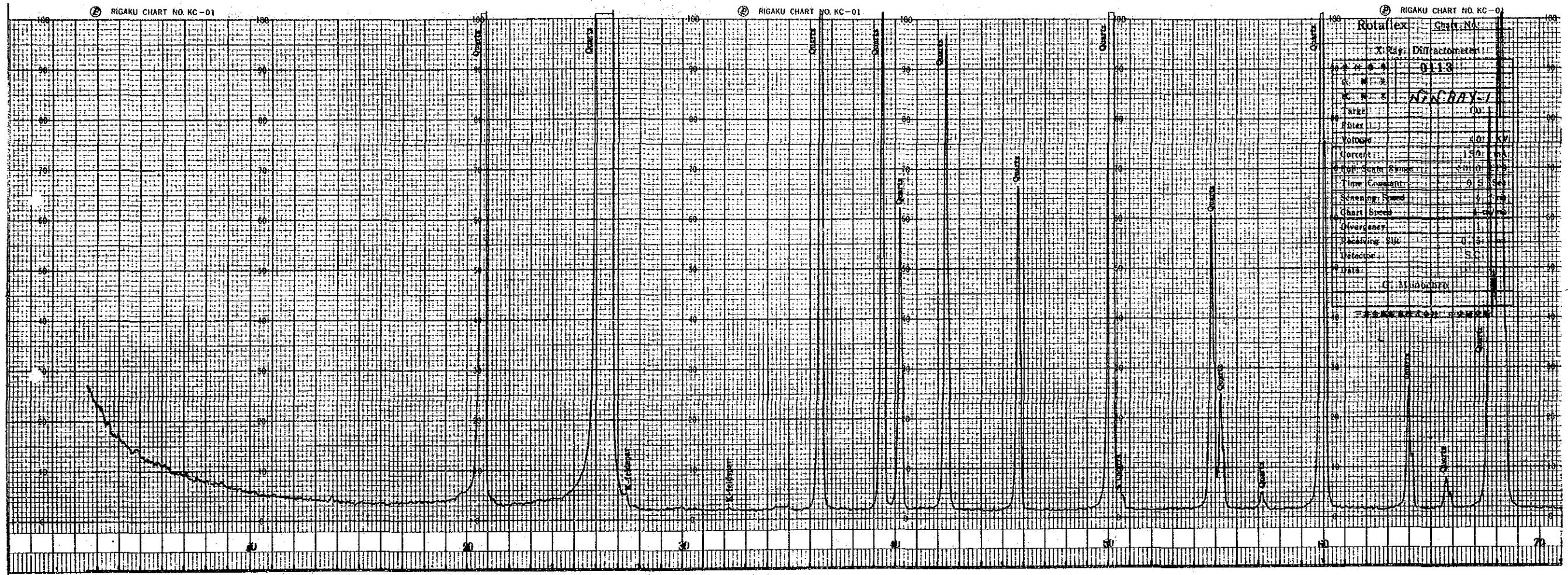


Model	Rotaflex
Chart No.	Chart No.
X-Ray Diffractometer	
Tube	U13
Target	VULCAN-1
Filter	01
Voltage	40 KV
Current	15.0 mA
Full Scale Range	100 CPS
Time Constant	0.5 sec
Scanning Speed	4 deg
Chart Speed	4 mm
Divergence	1
Receiving Slit	0.5 mm
Detector	SC
Date	
O. Mondoro	







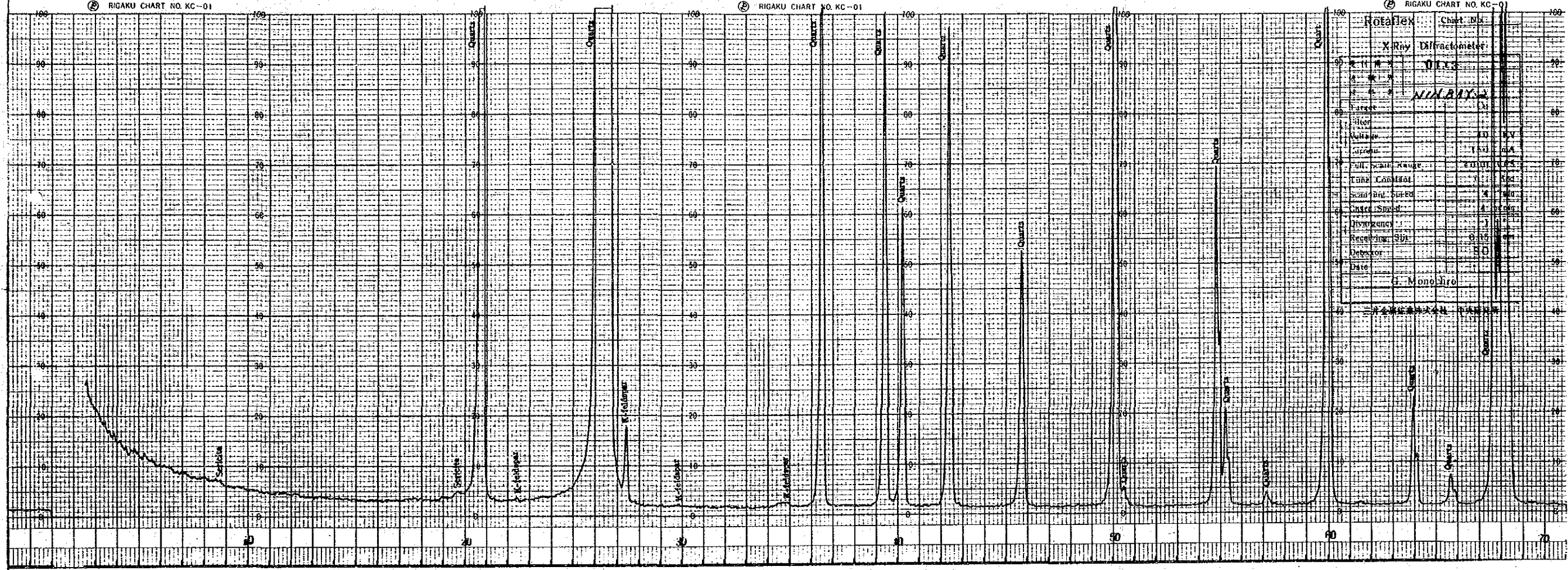


Rotaflex	Chart No.
X-Ray Diffractometer	
Model	0118
Sample	WATERGATE-1
Filter	0.1
Voltage	40 KV
Current	15.0 mA
Slit	0.5
Time Constant	0.5
Scanning Speed	1.0
Chart Speed	1.0
Divergency	
Receiving Slit	0.5
Detector	SiC
Operator	C. M. Murray

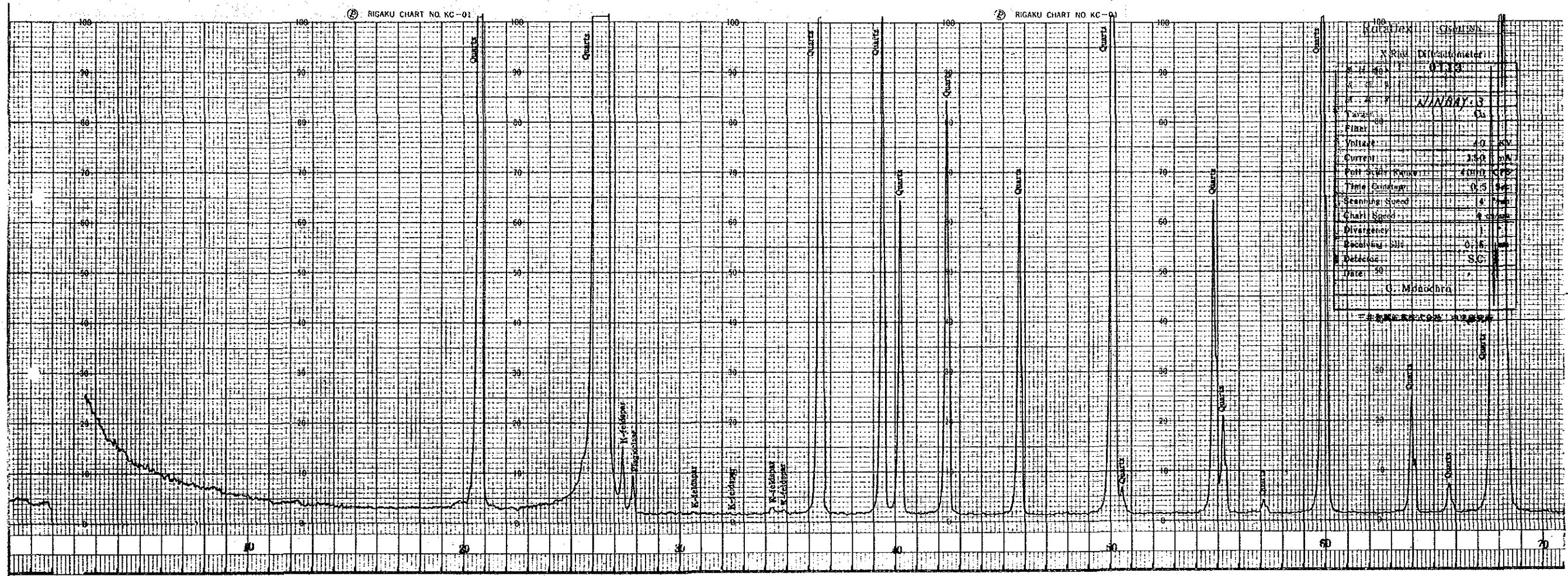
RIGAKU CHART NO. KC-01

RIGAKU CHART NO. KC-01

RIGAKU CHART NO. KC-01



ROEAFLEX	Chart No.
X-Ray Diffractometer	TYPE
Sample	ALUMINUM
Filter	
Wavelength	1.5406 Å
Slit	1.5°
Scan Rate	1.5°/min
Full Scale Range	100°
Time Constant	1 sec
Scan Rate Control	1.5°/min
Chart Speed	1.5°/min
Frequency	50 Hz
Receiver	500 V
Detector	SiC
Date	
Operator	G. Monchro



Appendix 5-2 Result of X-Ray Diffraction Analysis (Roxas Area)

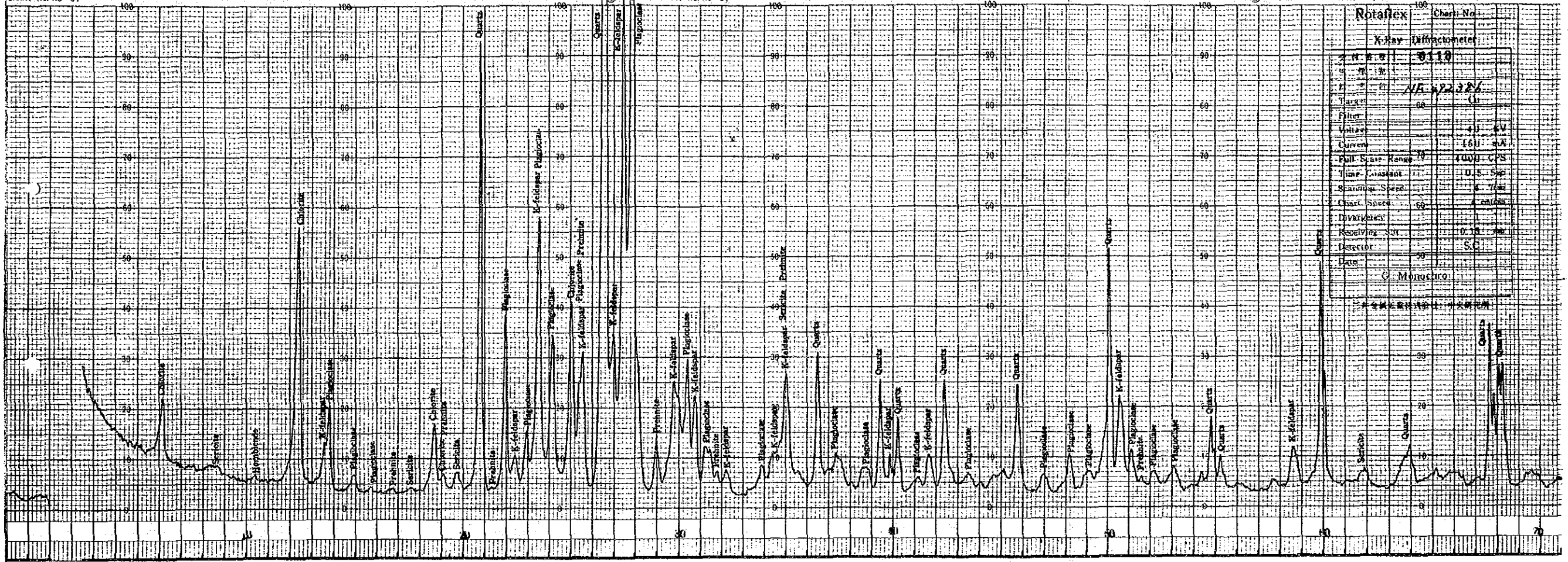
Estimated Mineral \ Sample	Quartz	Calcite	Dolomite	Plagioclase	K-feldspar	Hornblende	Biotite	Clinopyroxene	Orthopyroxene	Forsterite	Sericite	Chlorite	Antigorite	Kaolinite	Phehnite	Laumontite	Gypsum	Pyrite
NF492386	⊙			⊙	⊙	●					△	○			△			
NB027	⊙	●		⊙	⊙						△	○						
NJR18	⊙			⊙	△	●	○				●	△						●
NB09													⊙					
NB11									△	○			⊙					
NB004				⊙				○		○							○	
NJR62	●	⊙	⊙															
NB1	⊙			○							△							
NB2	⊙			○							△	⊙						
NJR46	⊙										△							

⊙ Abundant ○ Medium △ Small ● Rare

CHART NO. KC-01

RIGAKU CHART NO. KC-01

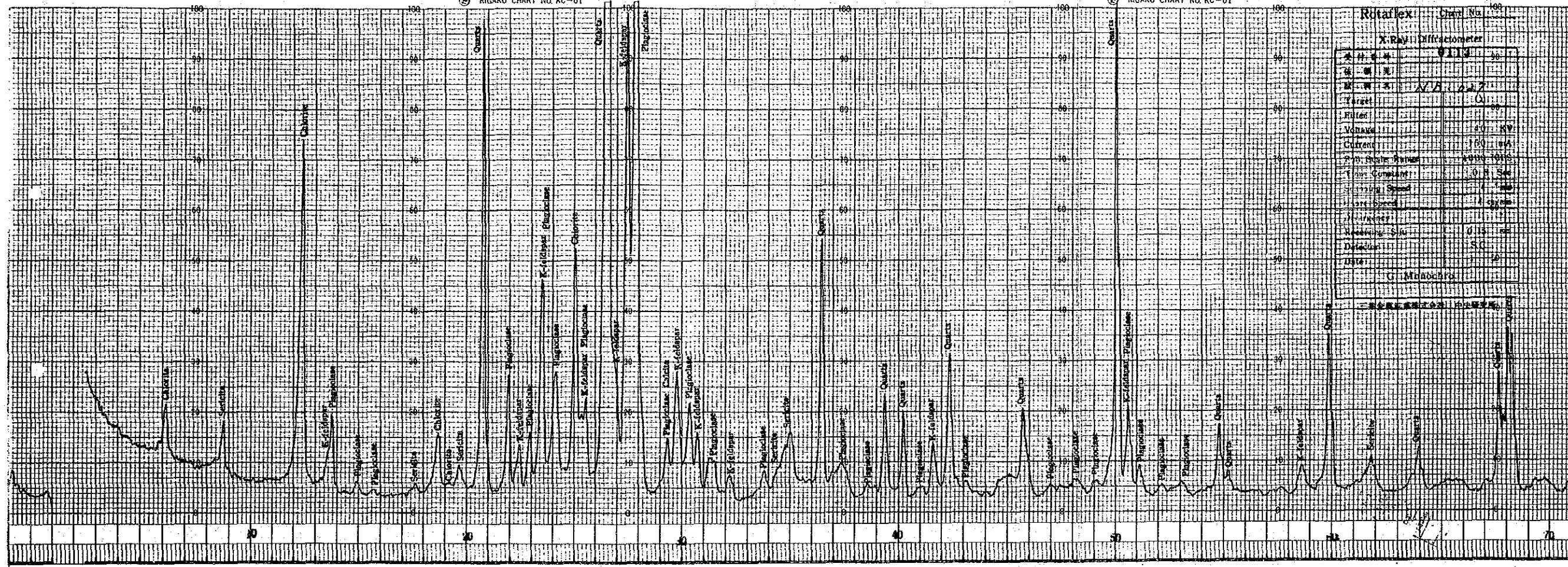
RIGAKU CHART NO. KC-01



Rotaflex	
Chart No.	100
X-Ray Diffractometer	
Wavelength	0.110
Slit	1/4
Target	15-A 422326
Filter	01
Voltage	40 KV
Current	161 mA
Full-Scale Range	1000 C.P.S.
Time Constant	0.15 Sec
Scan Rate	1.0 deg
Chart Speed	60 cm/min
Diverted	
Resolution	0.10 deg
Detector	S.C.I.
Date	
Monochromator	

RIGAKU CHART NO. KC-01

RIGAKU CHART NO. KC-01

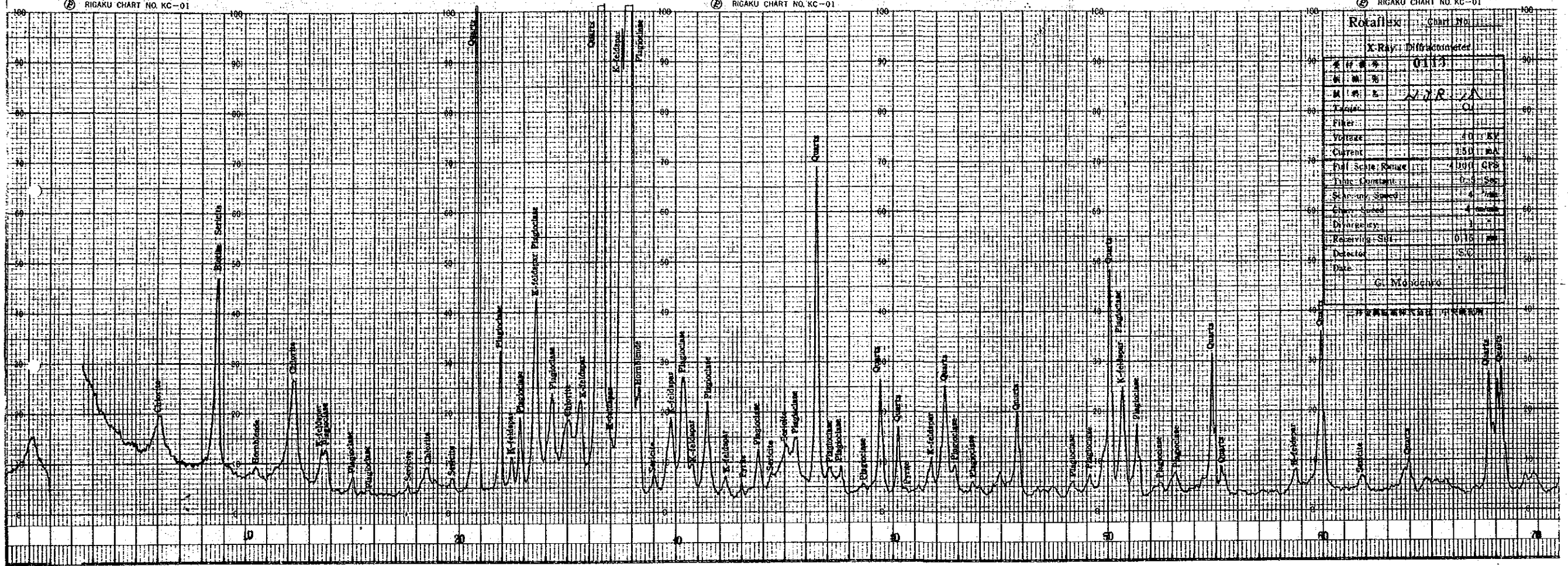


Rotaflex		Chart No.	100
X-Ray Diffractometer			
Model	RD-6		
Target	AN		
Filter			
Voltage	40	KV	
Current	100	mA	
Scan Rate	1.00	deg/2θ	
Scan Width	0.5	deg	
Detector	SiC		
Slit	1.5		
G-Minocaps			

RIGAKU CHART NO. KC-01

RIGAKU CHART NO. KC-01

RIGAKU CHART NO. KC-01



Rotaflex	Chart No.
X-Ray Diffraction	
Sample No.	0113
Material	NYR
Filter	Cl
Voltage	40 kV
Current	150 mA
Full Scale Range	100 CPS
Time Constant	0.5 Sec
Scanning Speed	4 mm
Chart Speed	4 mm
Detector	Si
Resolving Unit	0.18 mm
Date	
Operator	G. M. ...

RIGAKU CHART NO. KC-01

RIGAKU CHART NO. KC-01



X-ray Diffractometer	
Sample No.	0213
Material	
Filter	
Voltage	40 KV
Current	150 mA
Slit Range	2000 GPD
Tube Current	1.5 Sec
Scan Rate	4 min
Chart Speed	1.5 cm/min
Diff. Angle	2
Rotating Slit	0.15 mm
Detector	5.C.
File	