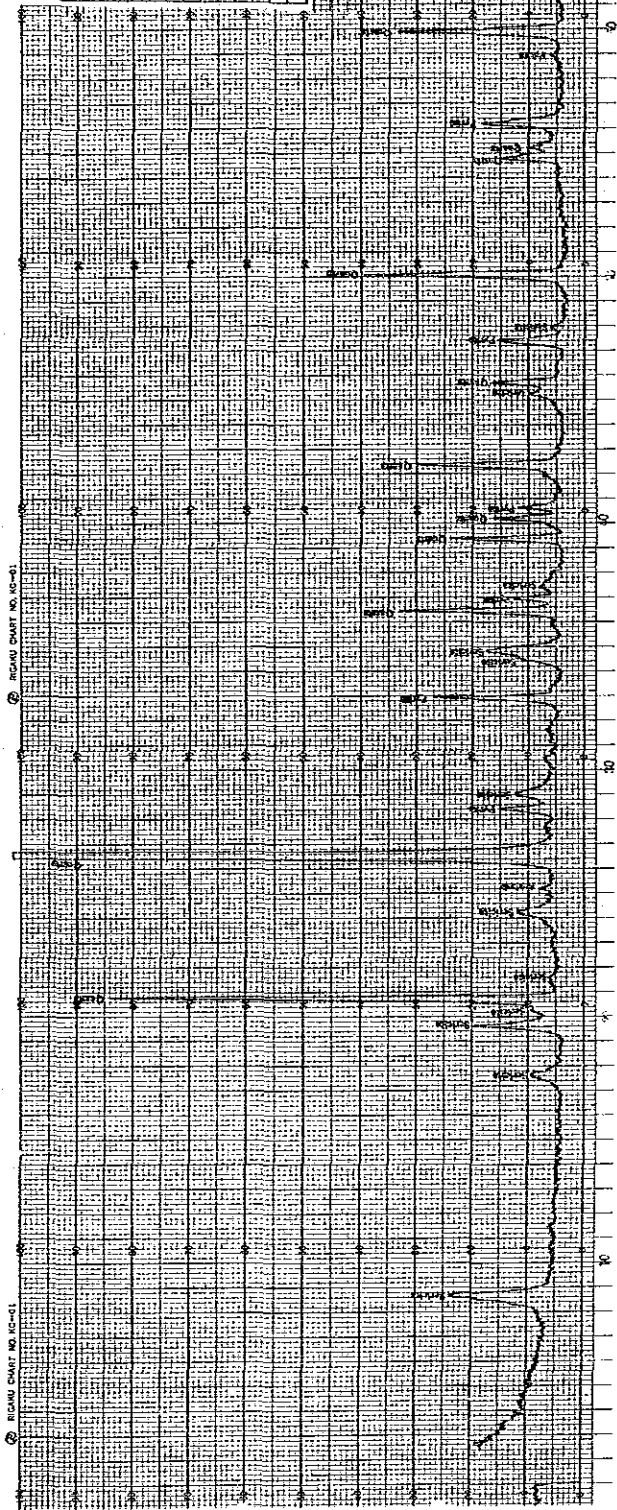


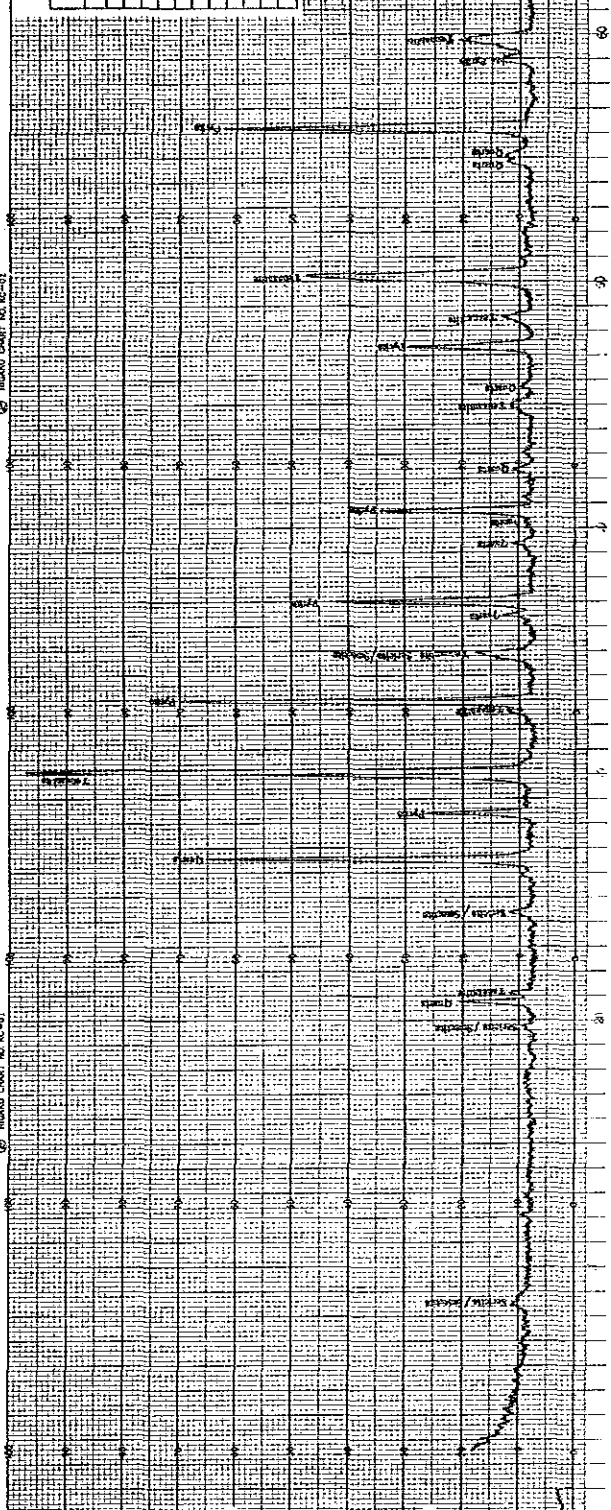
RICARDI CHART NO. RC-01
X-Ray Diffractometer

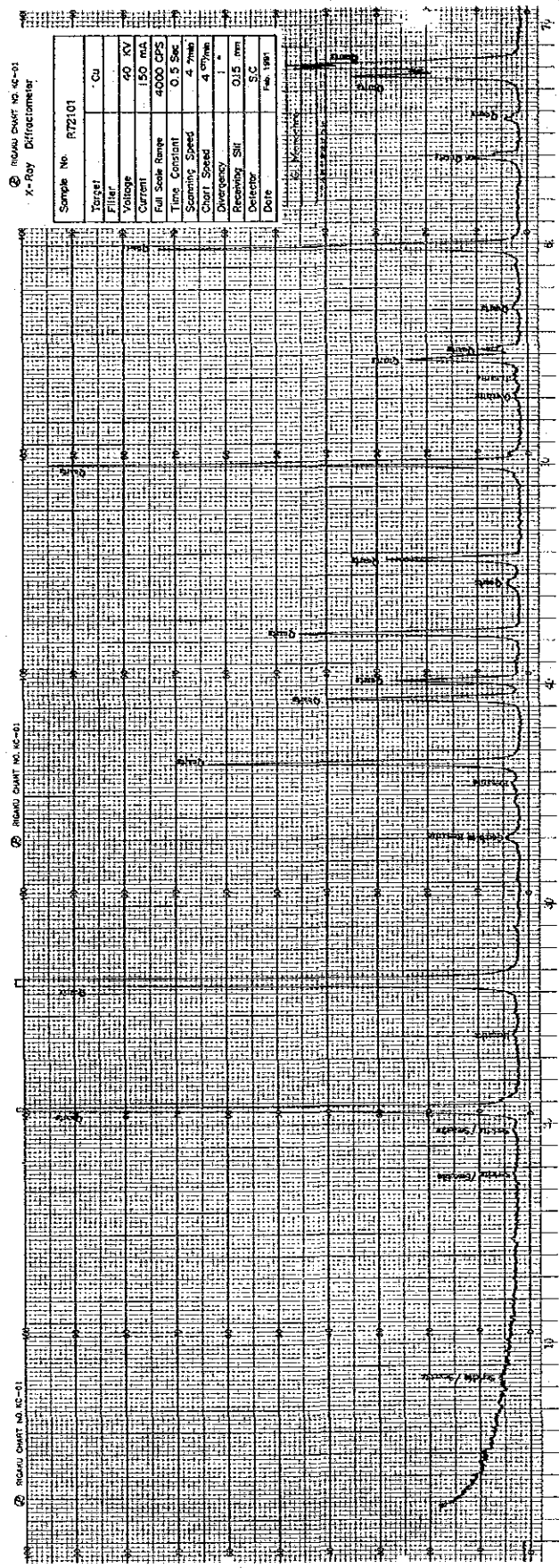
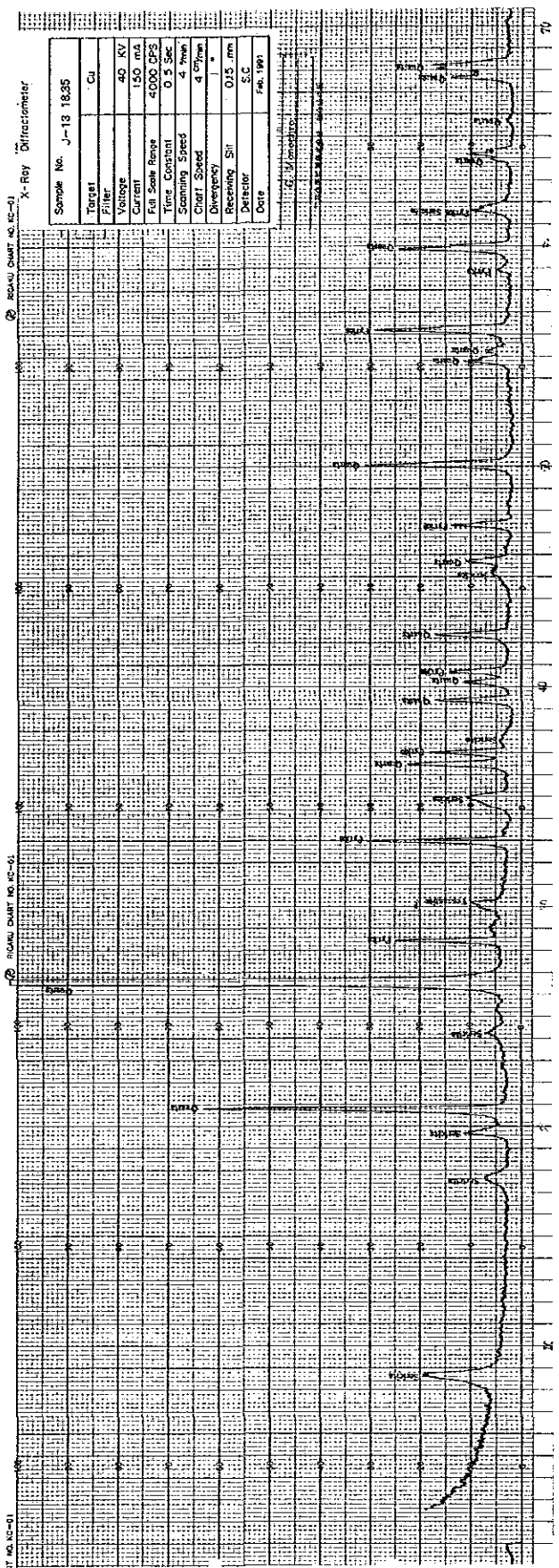
Sample No.	J-8 31.05
Target	Cu
Filter	
Voltage	40 KV
Current	150 mA
Full Scale Range	4000 CPS
Time Constant	0.5 Sec
Scanning Speed	4 °/min
Chart Speed	4 °/min
Divergency	1 °
Receiving Slit	0.15 mm
Detector	S.C.
Date	Feb. 1981

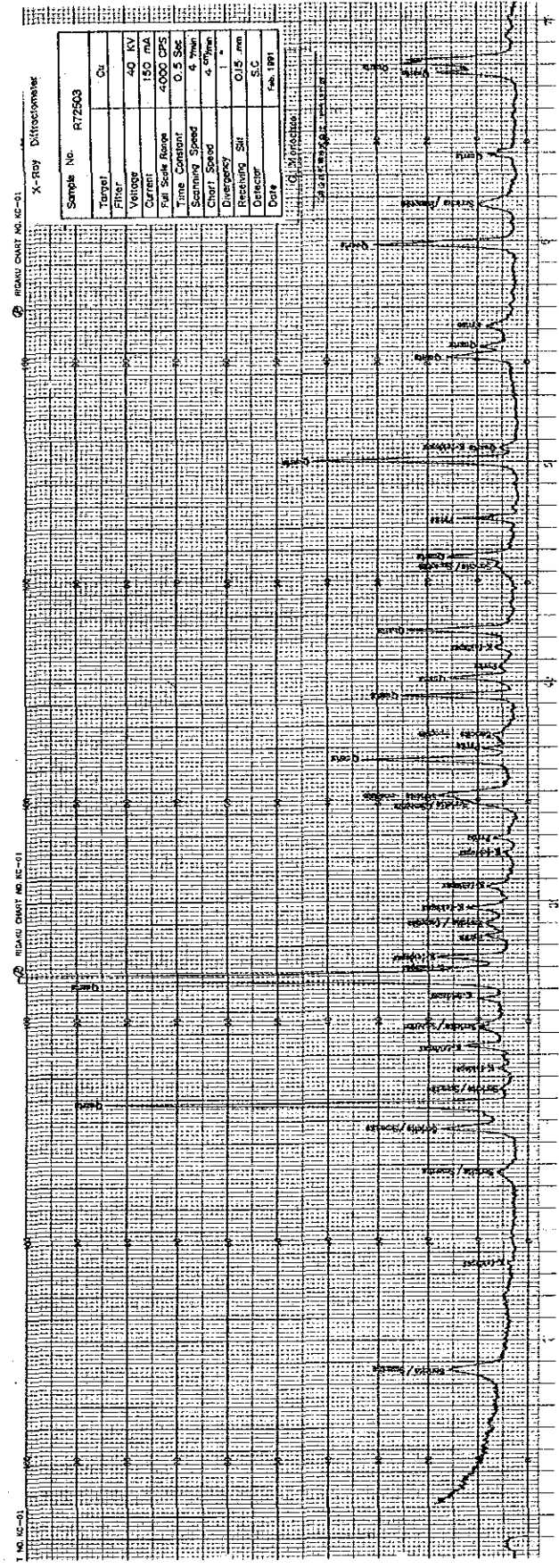
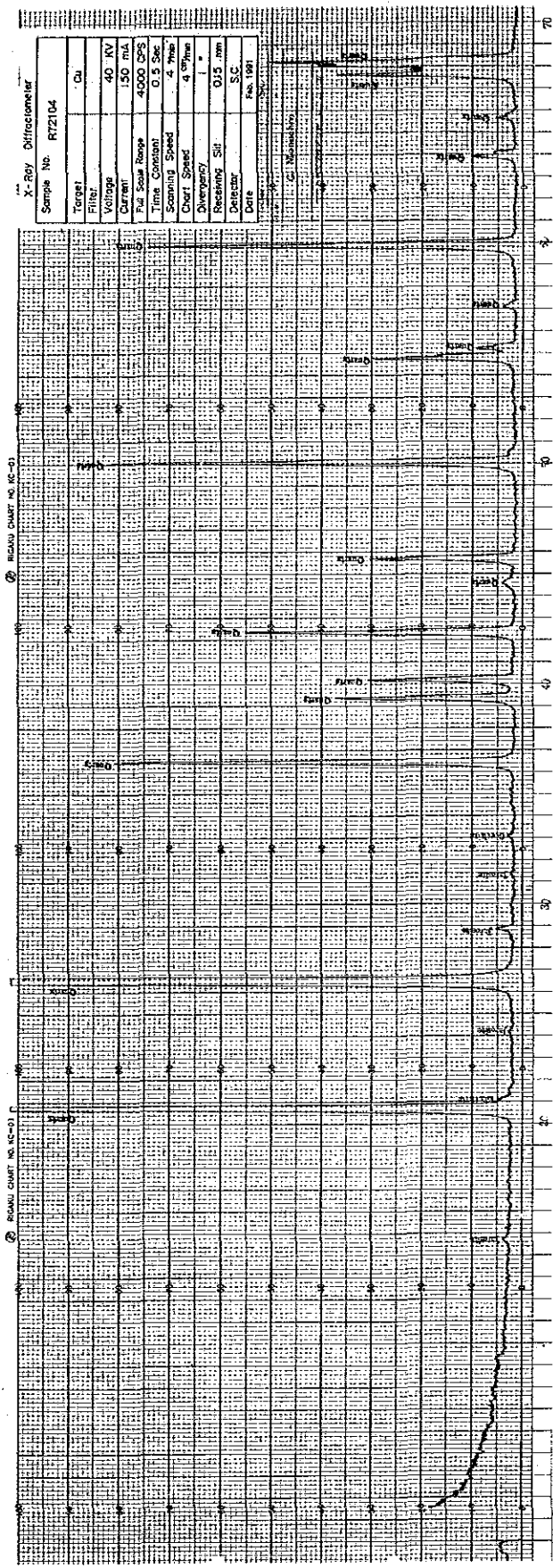


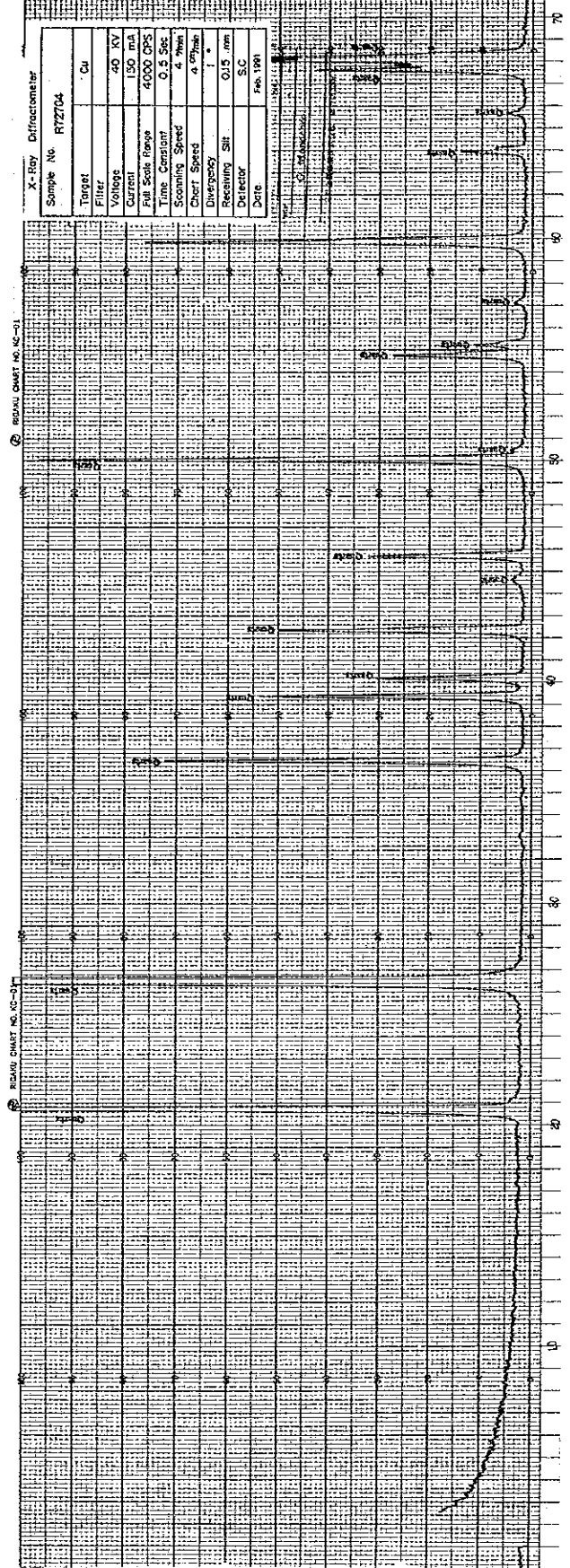
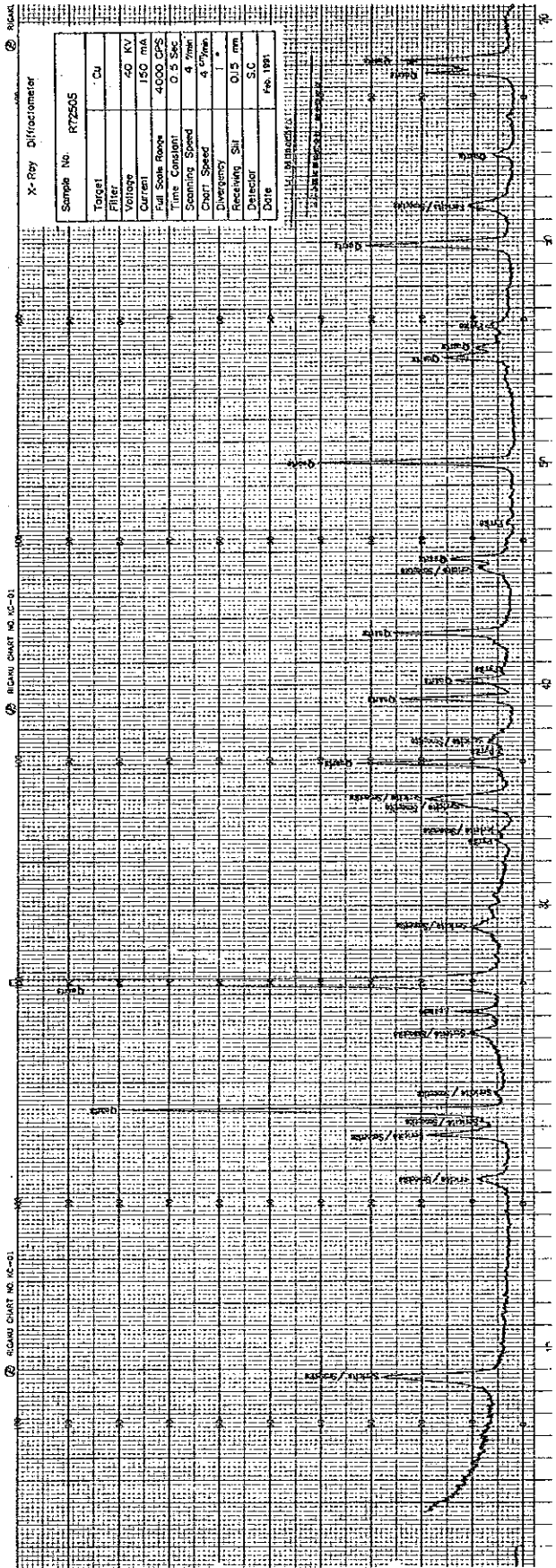
RICARDI CHART NO. RC-01
X-Ray Diffractometer

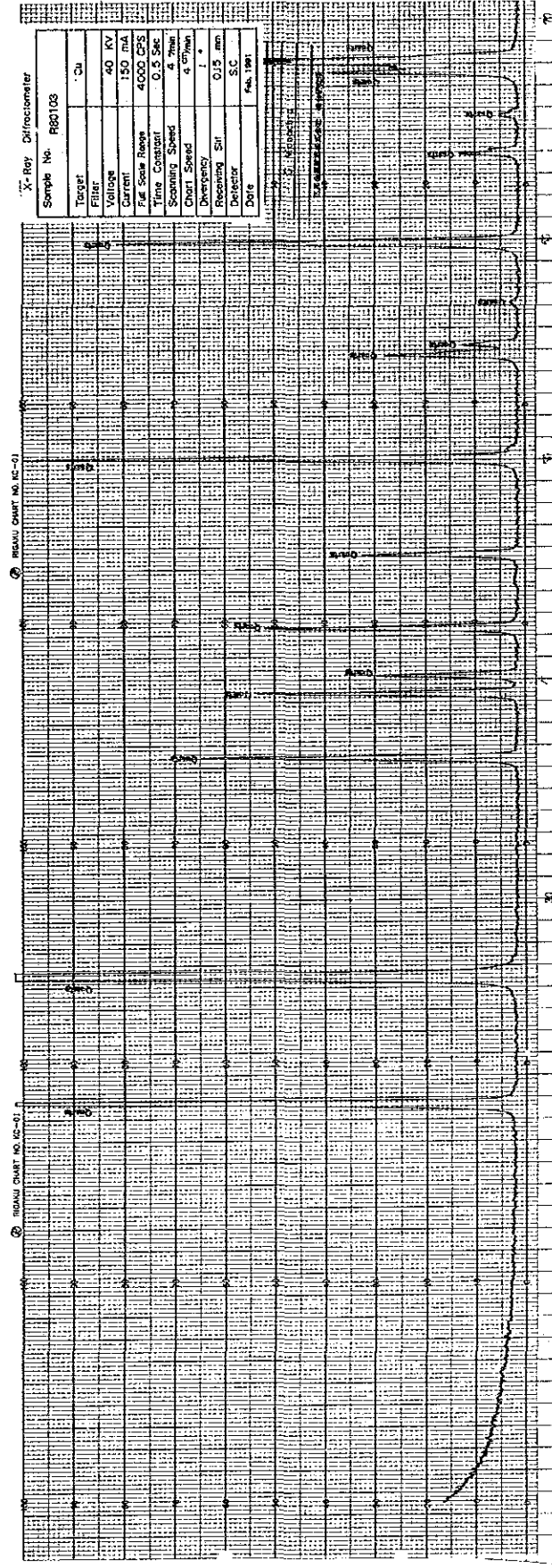
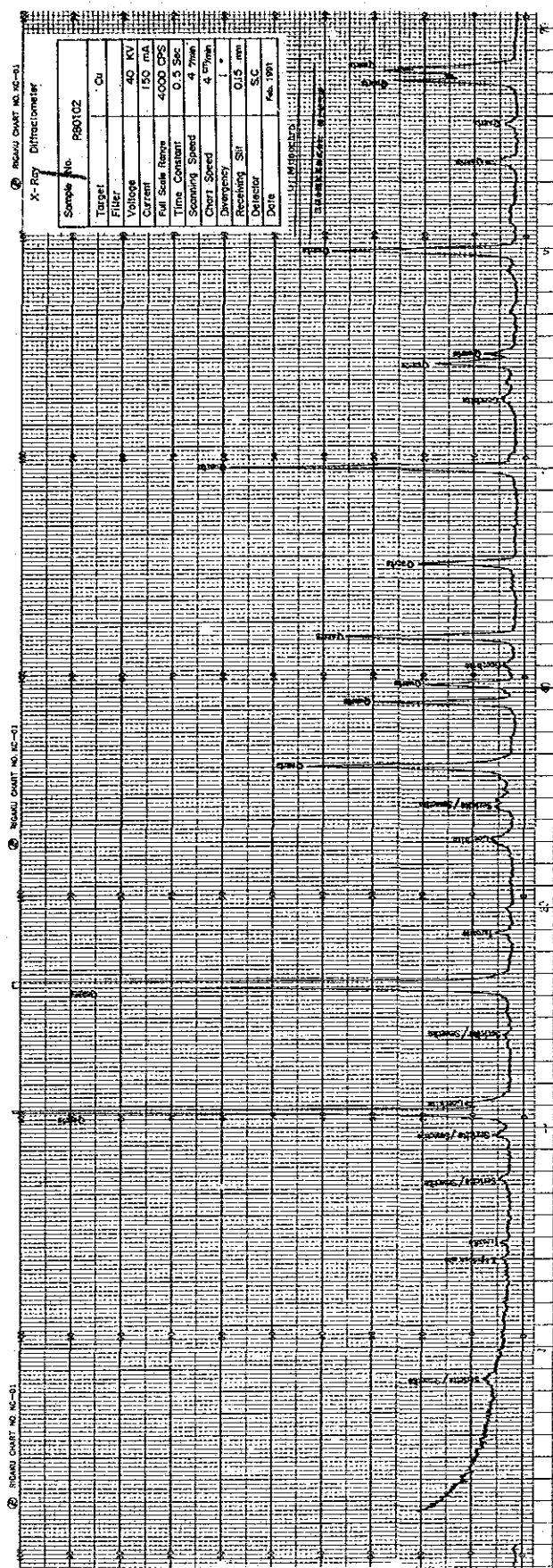
Sample No.	J-8 88.45
Target	Cu
Filter	
Voltage	40 KV
Current	150 mA
Full Scale Range	4000 CPS
Time Constant	0.5 Sec
Scanning Speed	4 °/min
Chart Speed	4 °/min
Divergency	1 °
Receiving Slit	0.15 mm
Detector	S.C.
Date	Feb. 1981

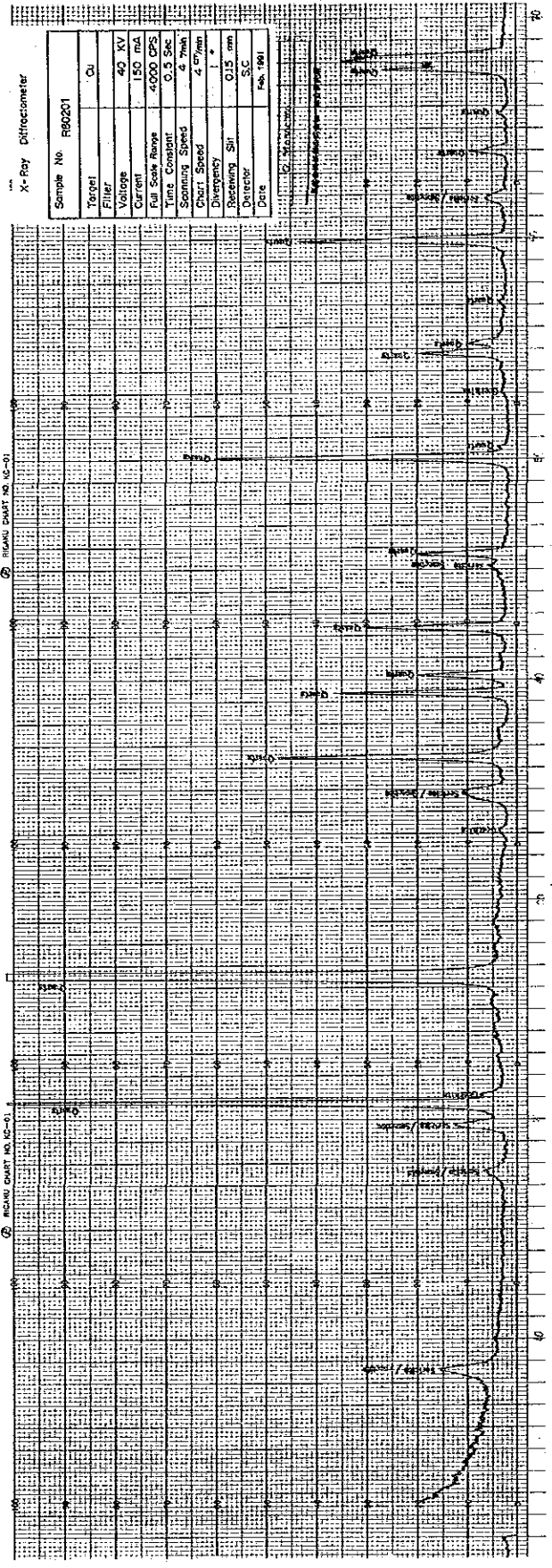
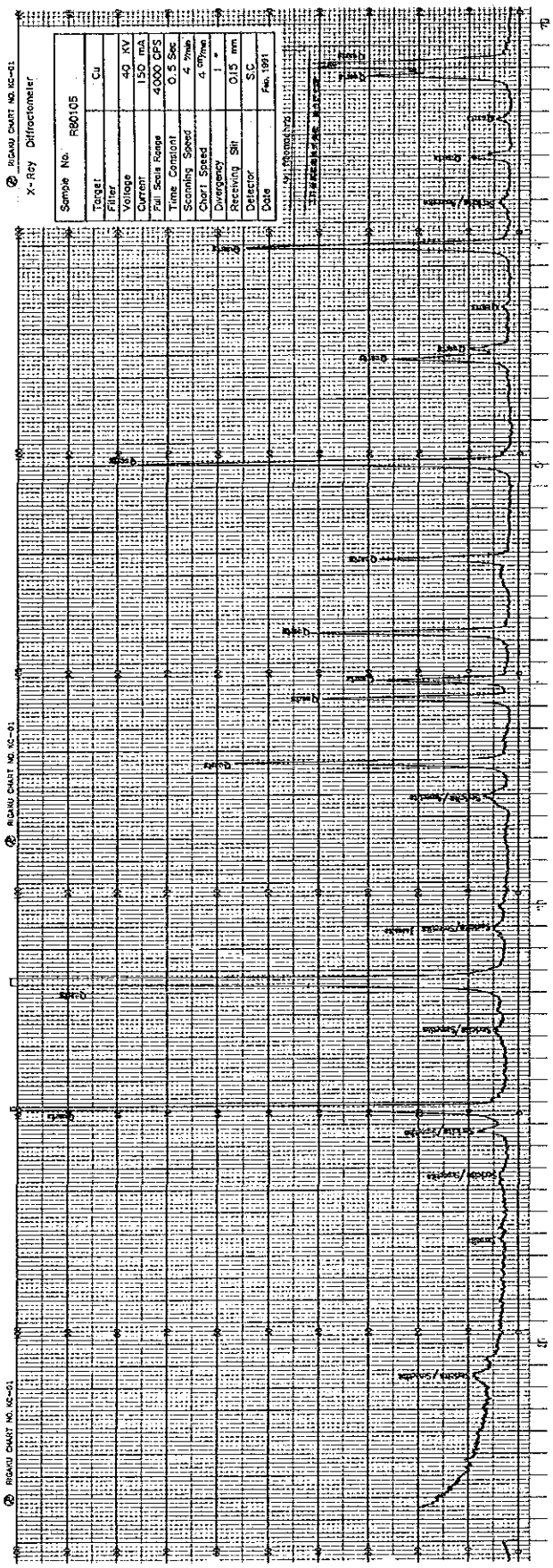


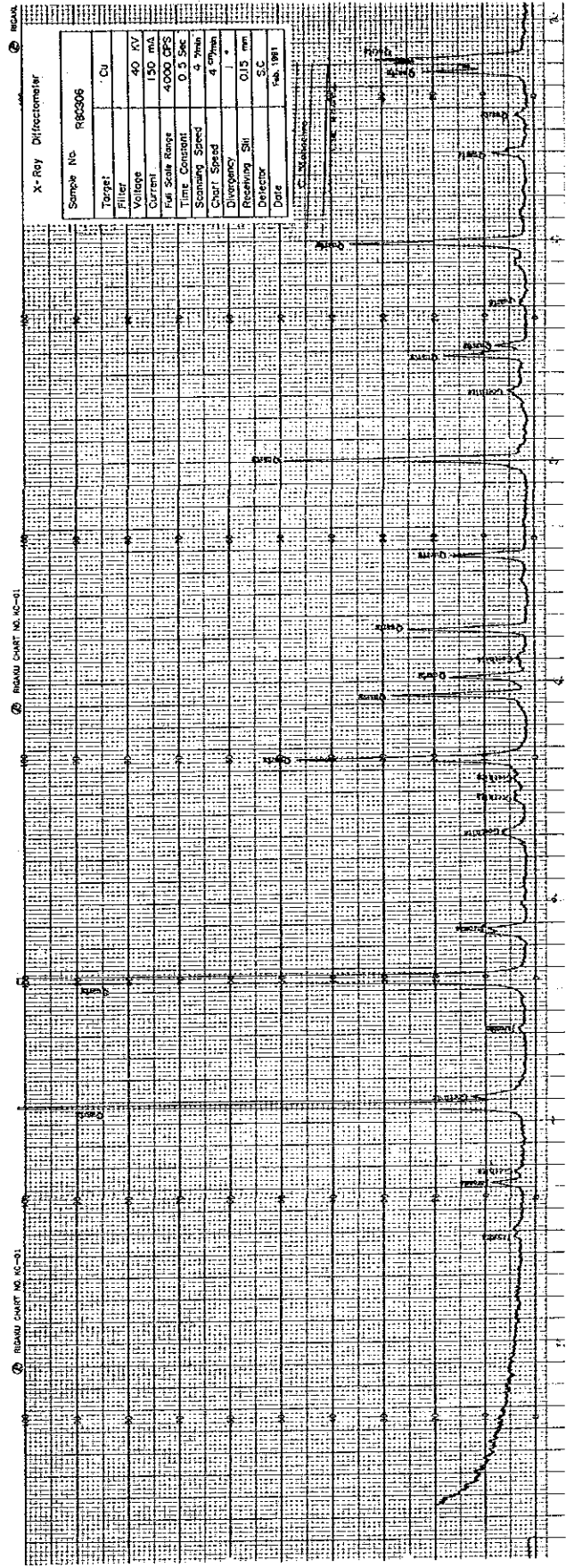
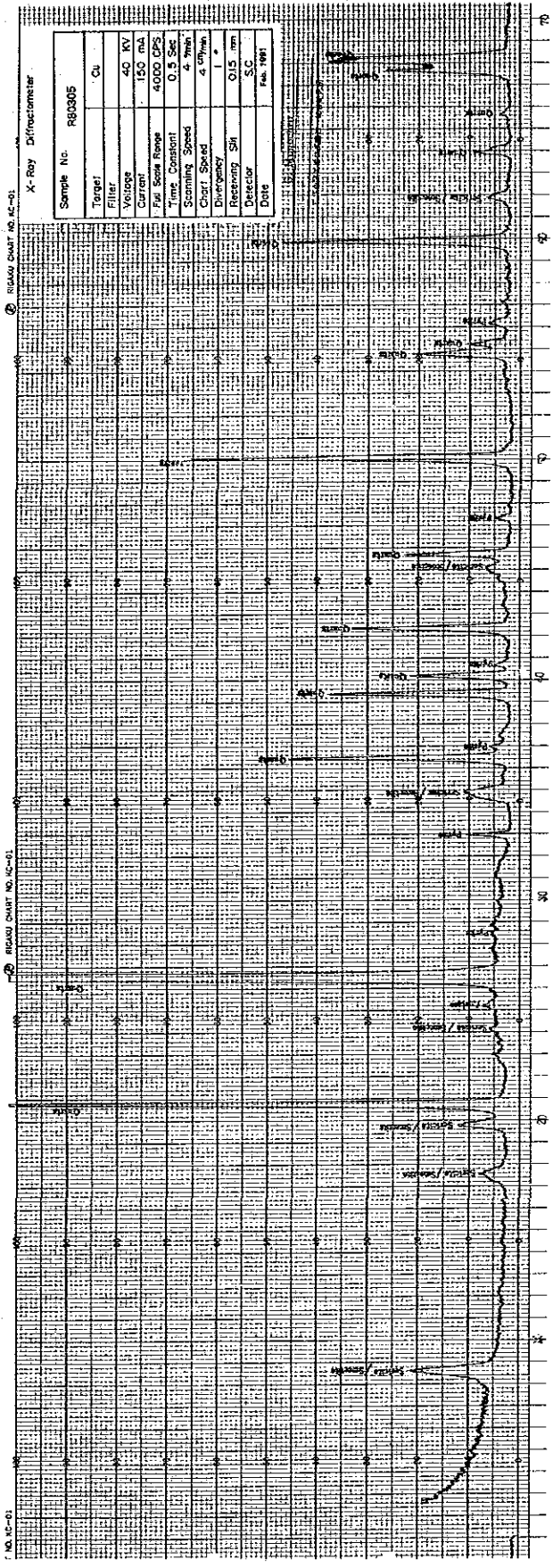


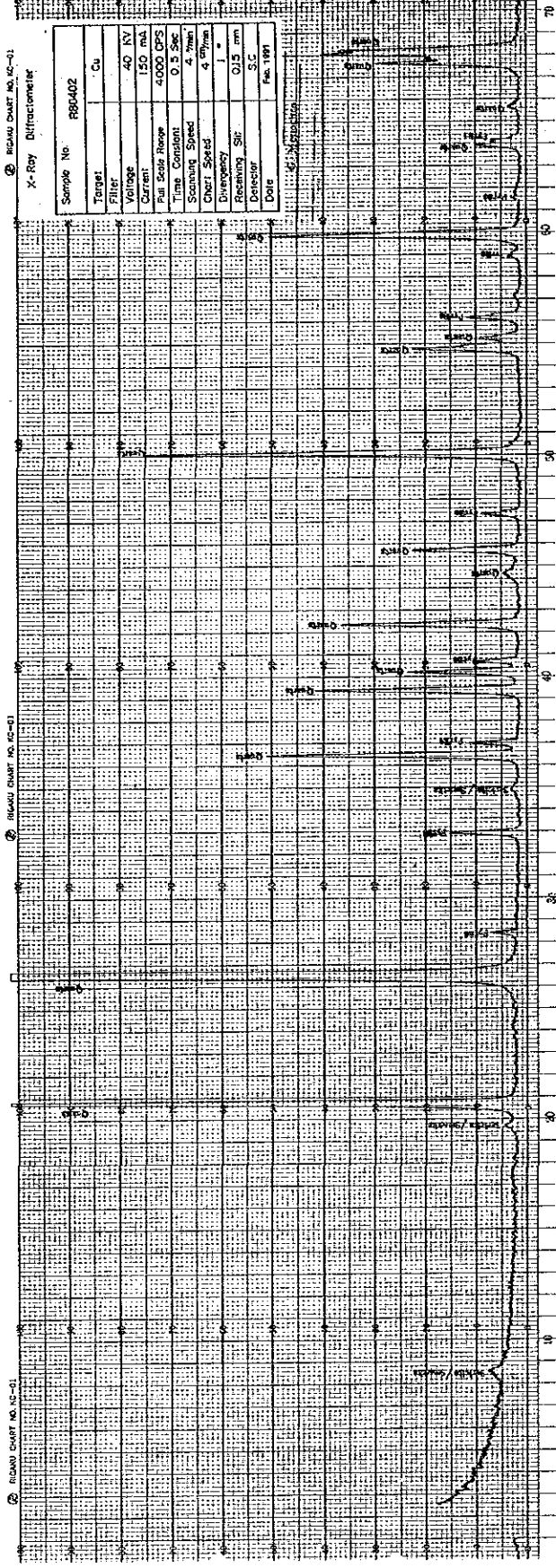
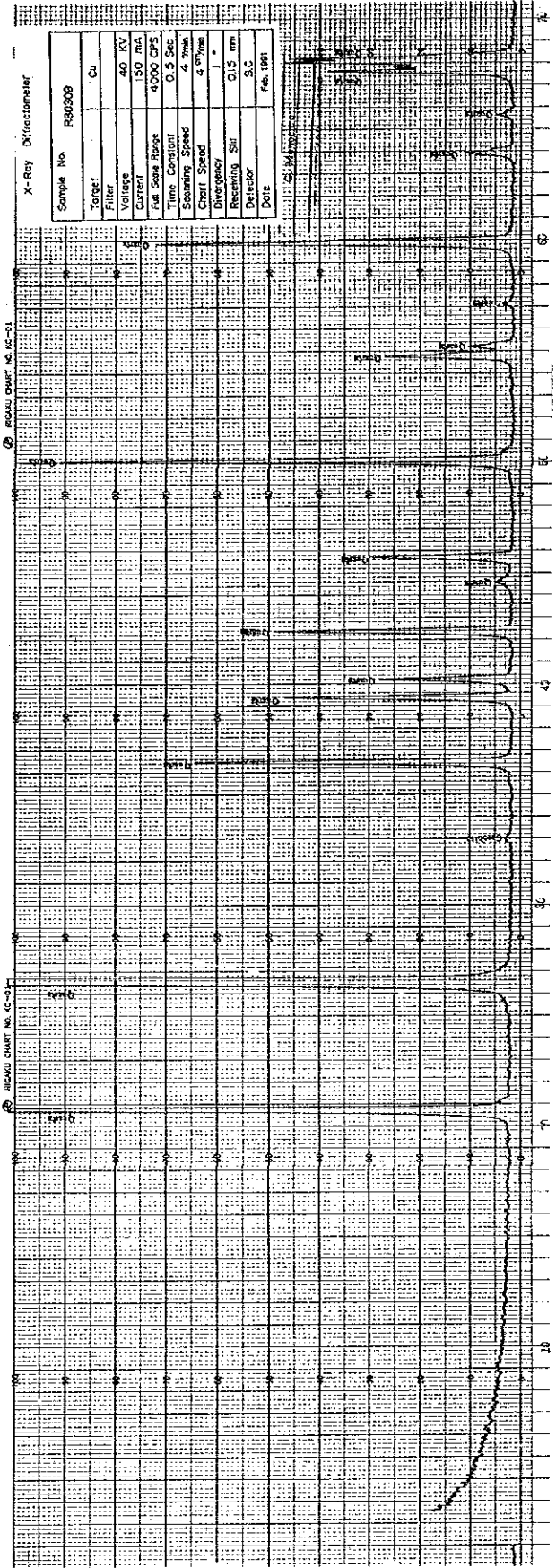


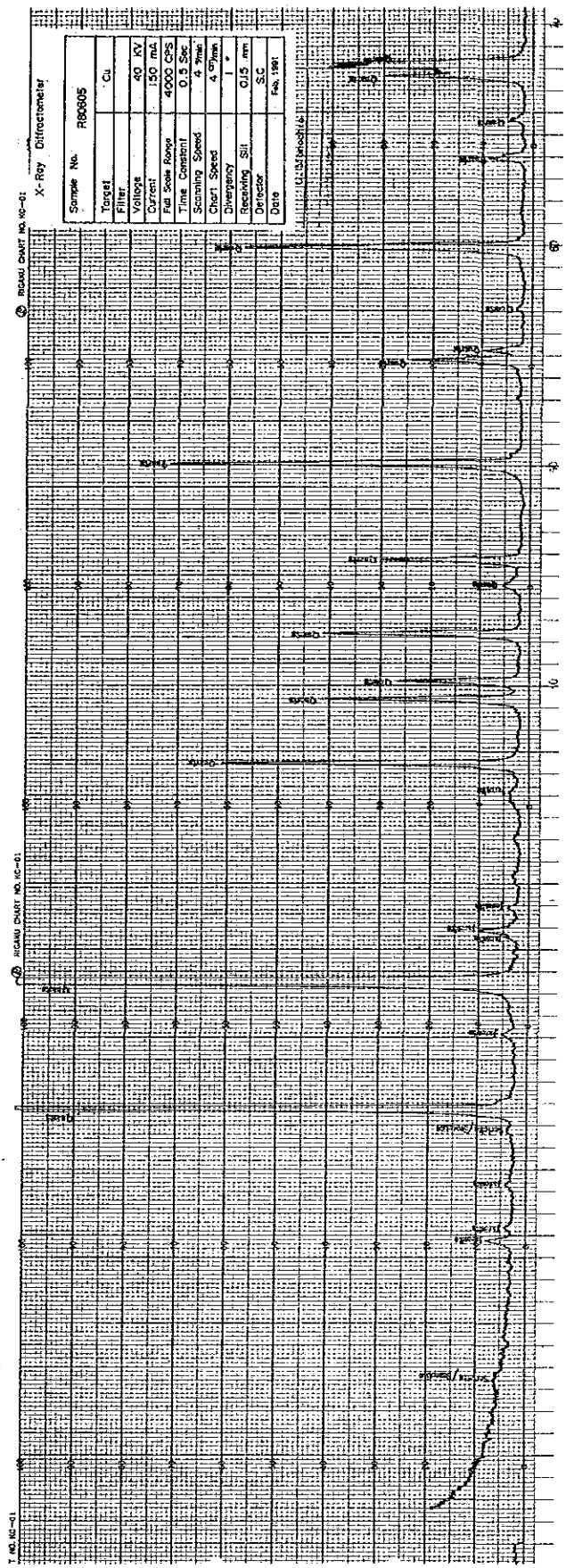
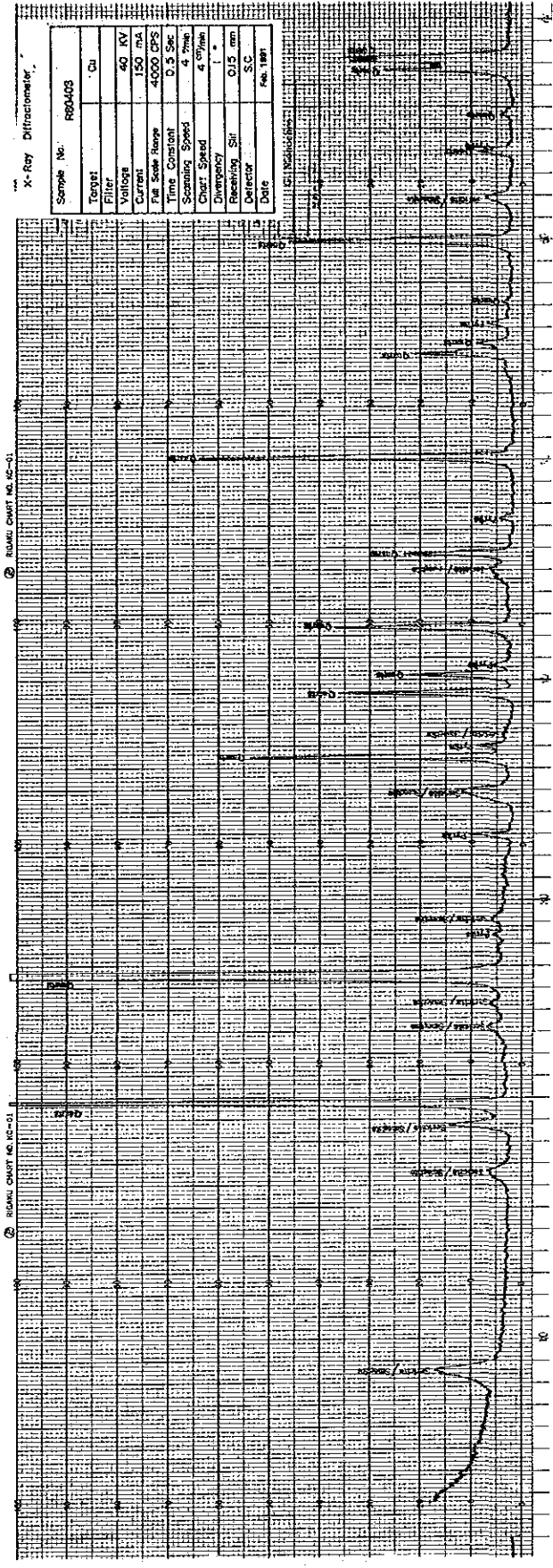


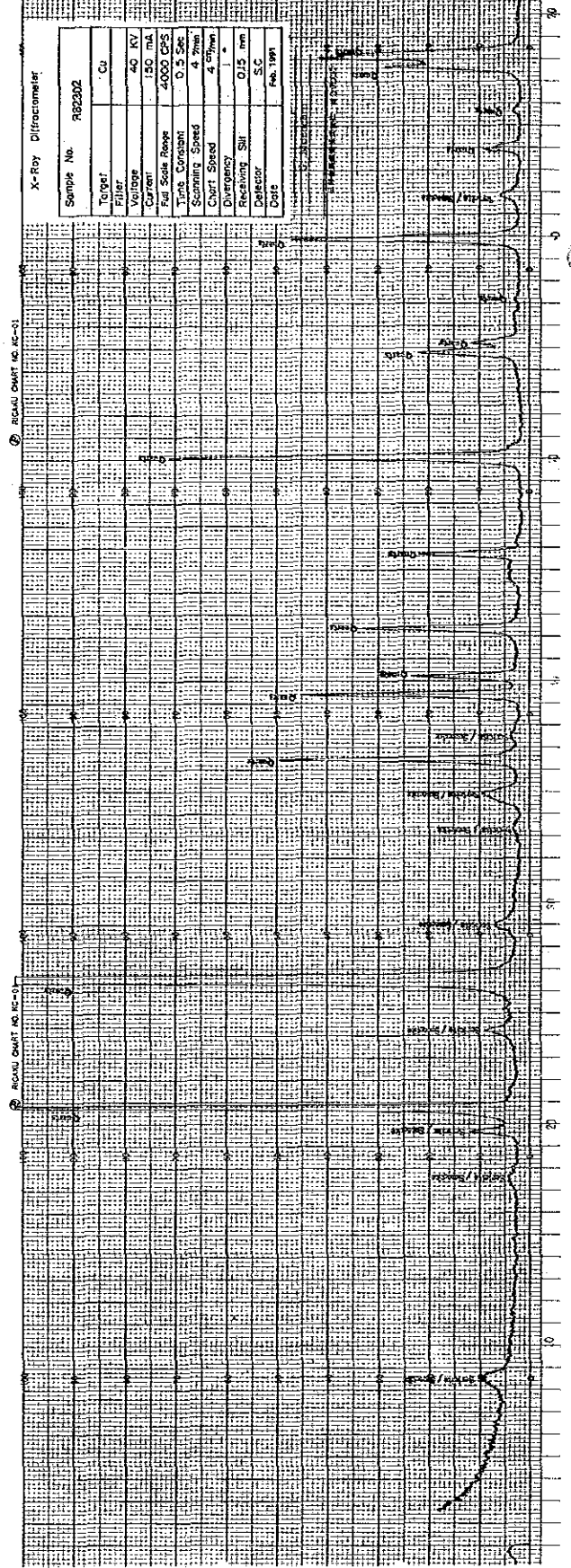
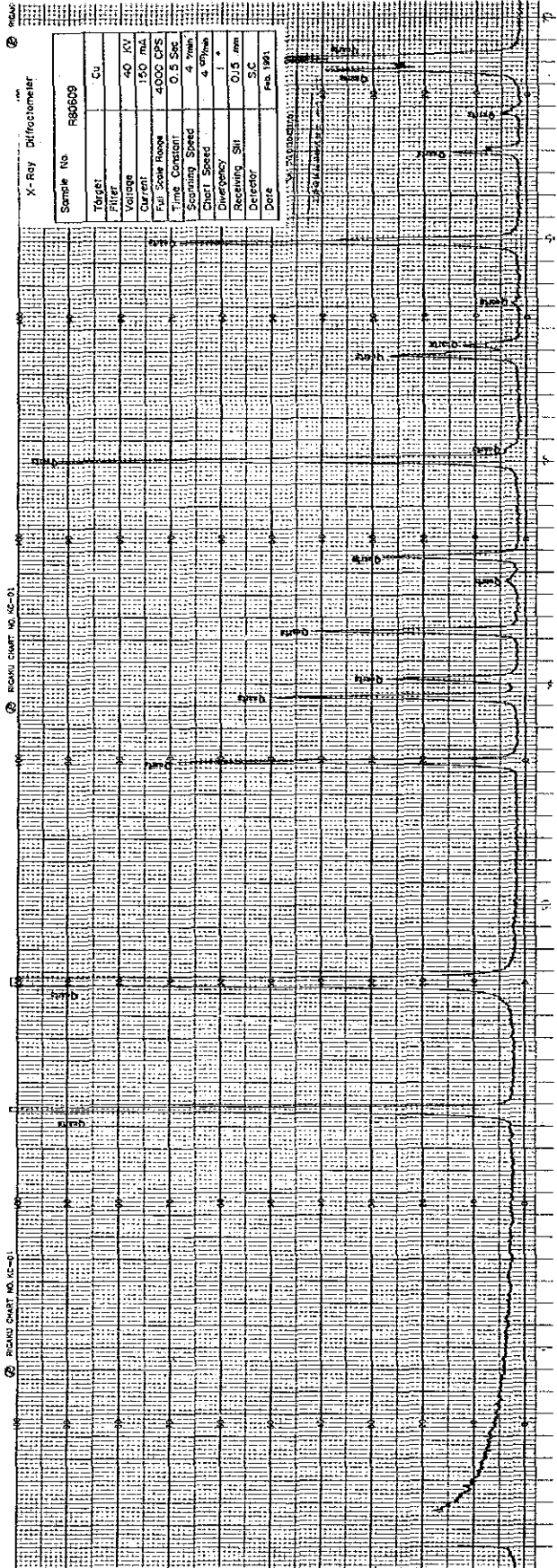








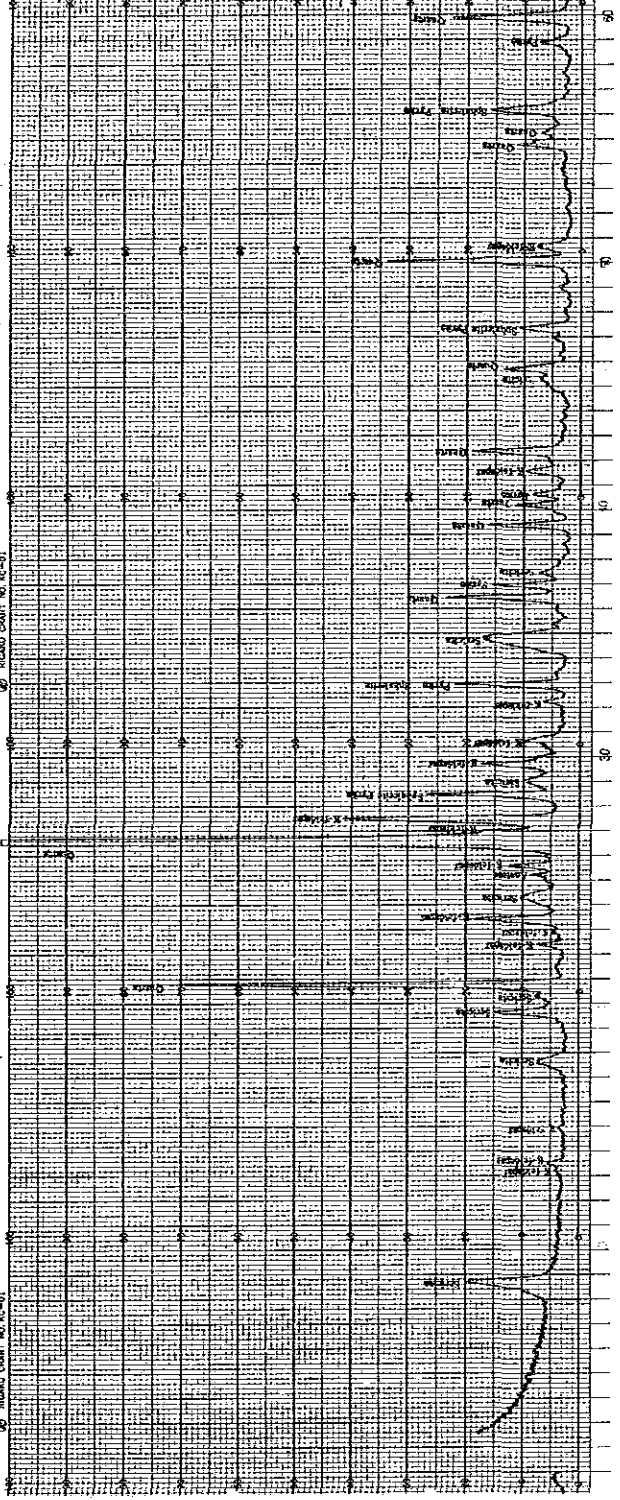




RECORD CHART NO. IC-01

X-Ray Diffractometer

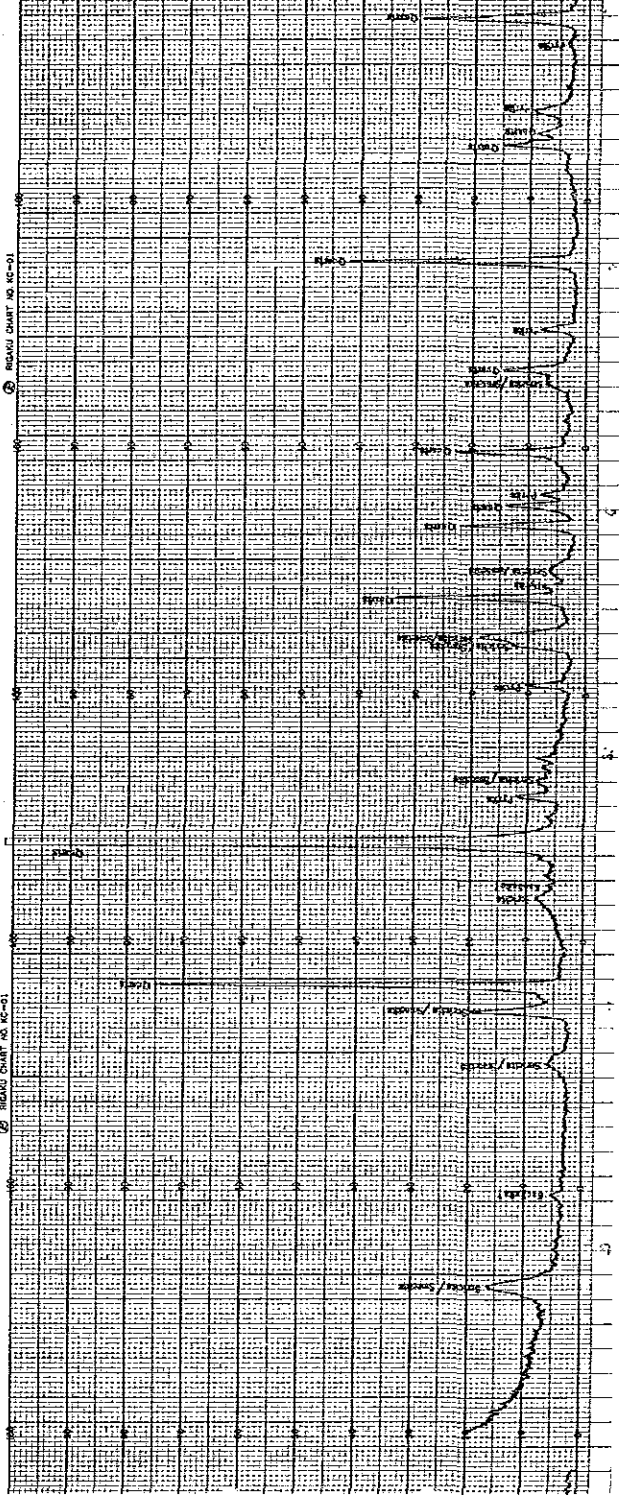
Sample No.	R82401
Target	Cu
Filter	
Voltage	40 KV
Current	150 mA
Full Scale Range	4000 CPS
Time Constant	0.5 Sec
Scanning Speed	4 $\frac{2\theta}{min}$
Chart Speed	4 $\frac{in}{min}$
Divergency	1°
Receiving Slit	0.5 mm
Detector	S.C
Date	Feb. 1961

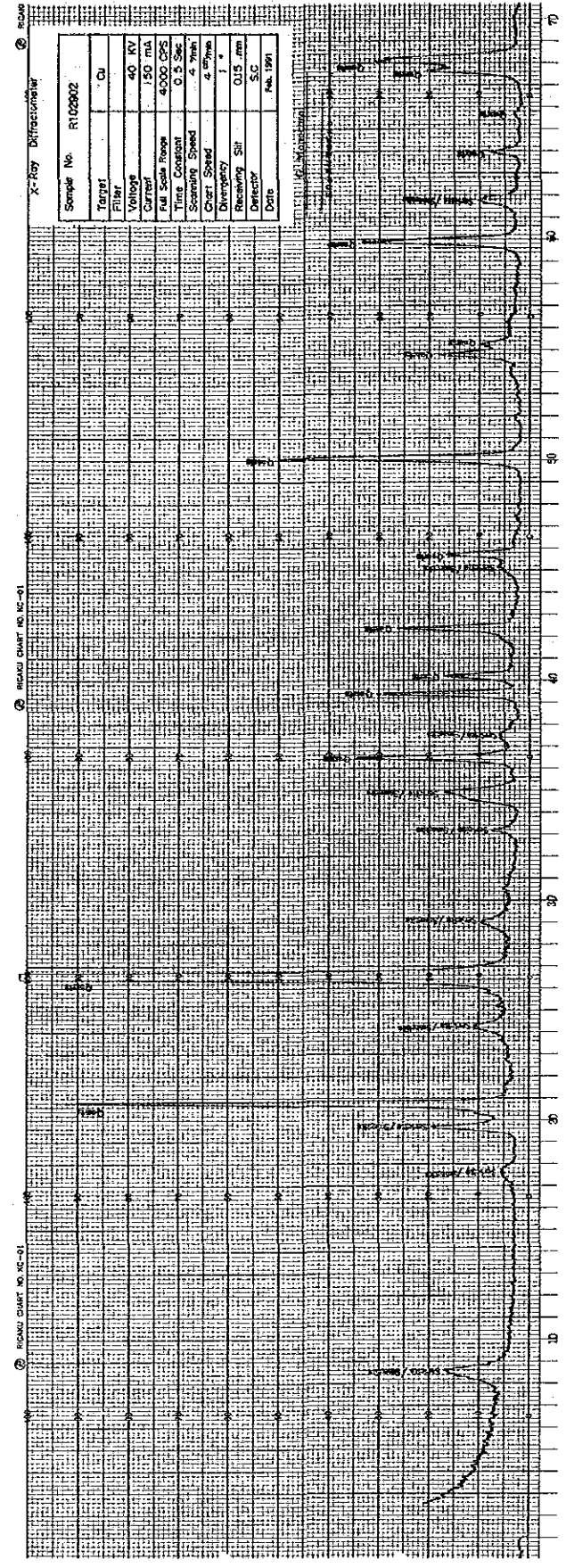
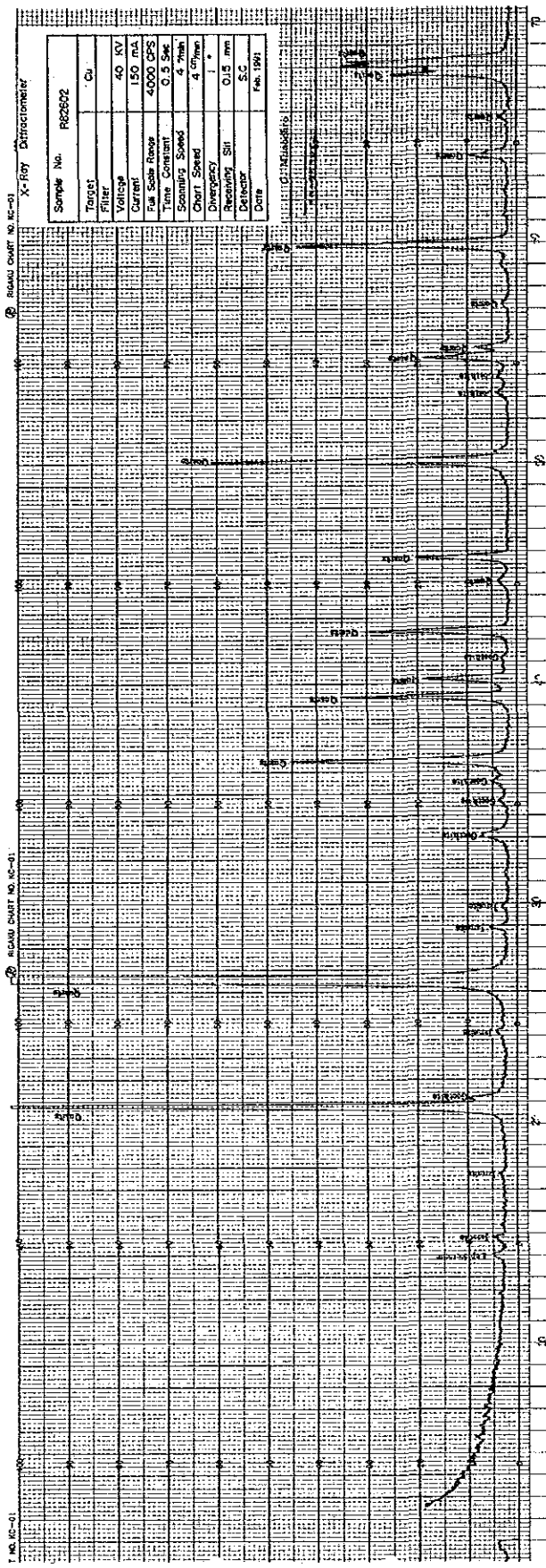


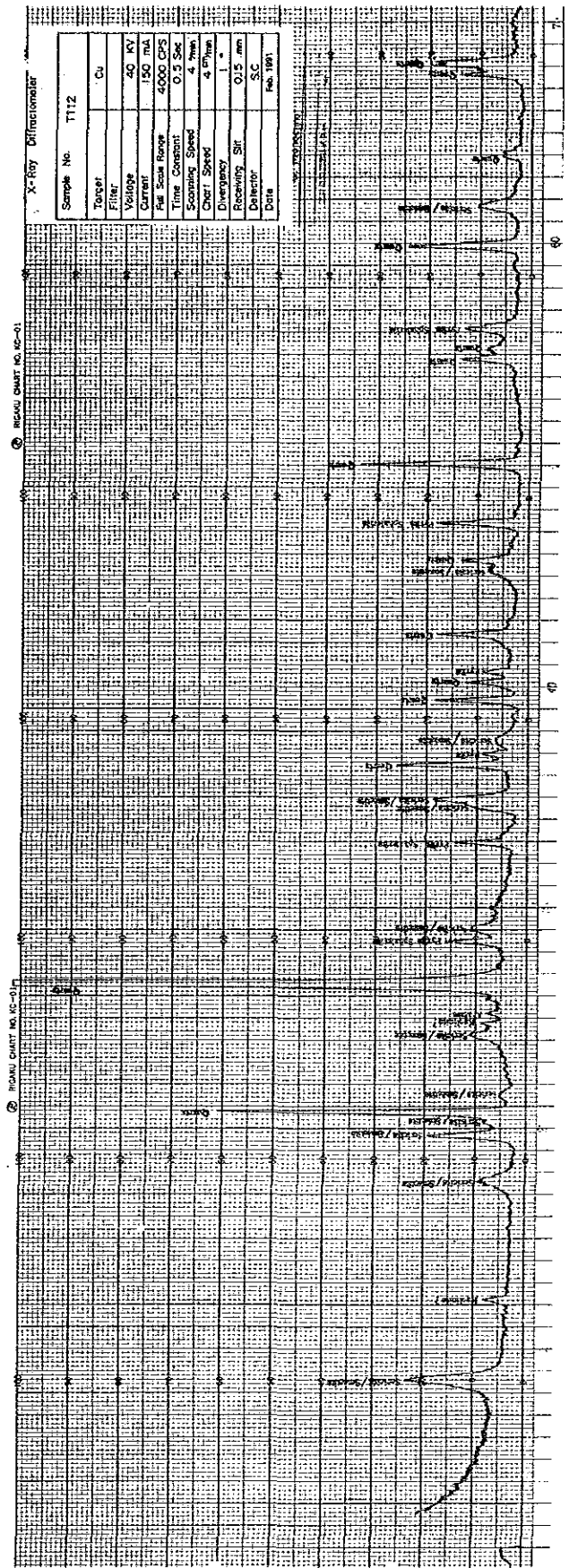
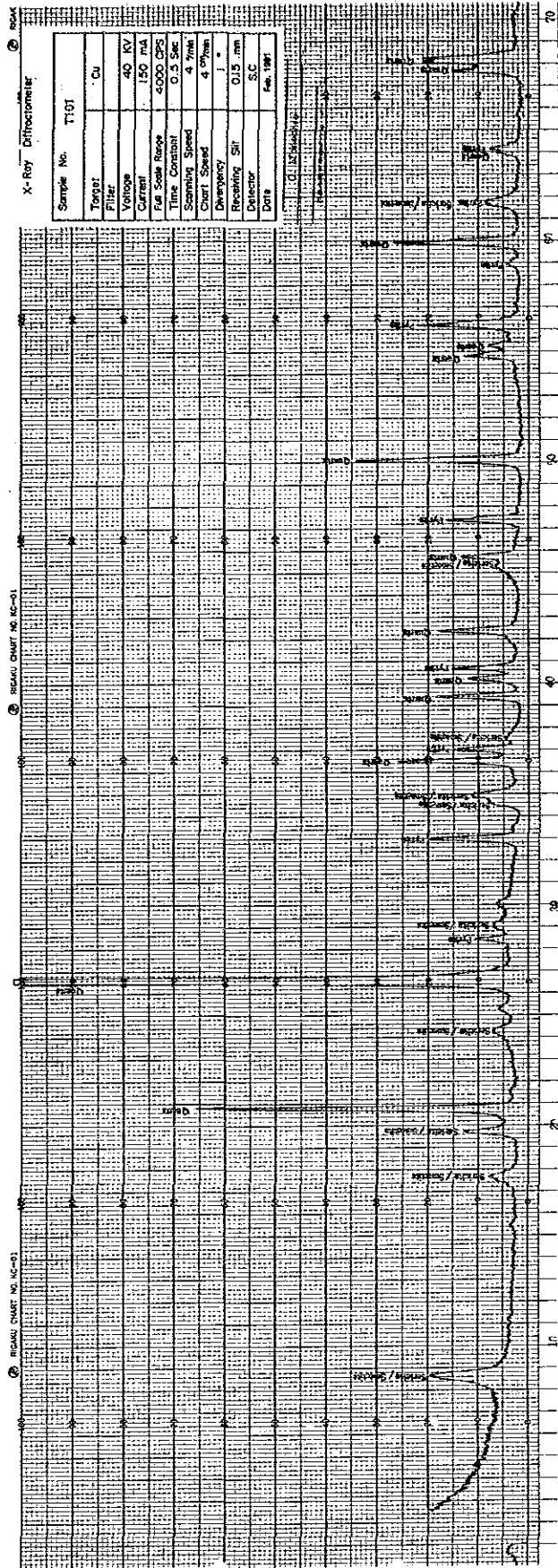
RECORD CHART NO. IC-01

X-Ray Diffractometer

Sample No.	R82403
Target	Cu
Filter	
Voltage	40 KV
Current	150 mA
Full Scale Range	4000 CPS
Time Constant	0.5 Sec
Scanning Speed	4 $\frac{2\theta}{min}$
Chart Speed	4 $\frac{in}{min}$
Divergency	1°
Receiving Slit	0.5 mm
Detector	S.C
Date	Feb. 1961







Apx. 6 Microscopic Observations of Polished Sections

Apx. 6 Microscopic Observations of Polished Sections

Sample No.	Rock Name	Geol. unit	Primary Mineral							Secondary Mineral				Remarks
			Cp	Sp	Gn	Py	Tr	Asp	Gd	Cv	Cc	Hem	Gt	
Chontali Area Drilling Core Samples														
C-1 52.60	Quartz vein	Oy	0.2×0.5 ○ A (Gd)	0.01 * (Py)	0.1×0.2 *	0.2×0.2 ◎ S~A (Gd, Gn)	*		0.09 *					
(1)				0.03×0.2 *	0.05×0.2 * (Tr)	0.1×0.2 *	◎ (Gn, Sp, Cp)	0.2×0.4 △						
C-1 52.60	Quartz vein	Oy		0.03 *		0.07×0.14 ○ S~A Ag								
(2)														
C-1 130.40	Quartz vein	Oy	0.07×0.1 *	0.07×0.1 *	0.02×0.03 * (Tr)	◎ E~S	0.07×0.14 ○ (Py, Cp, Gn)						X	
C-1 146.40	Quartz vein	Oy				○ A Ag							F/I	
C-2 59.60	Quartz vein	Oy	1.3 *	0.04×0.07 △ (Cp, Tr)	0.01×0.03 * (Tr)	0.2×0.3 ◎ E~S (Tr)	0.1×0.2 ○ (Py, Gn, Cp, Sp)							
C-2 194.50	Quartz vein	Oy	*		0.01×0.02 *	○ A (Tr, Gn)	0.1×0.3 △ (Cp)							
C-3 203.84	Quartz vein	Oy	0.2×0.6 * (Tr)	0.4 * (Cp)	0.02×0.04 *	0.4×0.6 ◎ E~S	△ (Cp)							
C-3 204.15	Quartz vein	Oy	0.005 *		0.01×0.02 *	1.2×1.3 ○ E~S (Tr, Gn, Cp)	0.07×0.3 * (Gn, Cp)						F/I	
C-4 202.13	Quartz vein	Oy	0.04 *	0.2×0.3 * (Cp)	0.1×0.2 *	◎ S~A (Cp, Sp, Gn)				*	○			
C-4 244.64	Quartz vein	Oy	0.002×0.03 * (Sp)	v.1 * (Cp, Tr)		○ E~S	0.003×0.04 * (Sp)						F/I, T	
C-5 74.50	Quartz vein	Oy	0.06 *			○ (Gn, Tr)	0.07×0.3 * (Py, Cp, Gn)							
C-5 123.00	Quartz vein	Oy	0.003×0.004 *			◎ A Ag (Tr)	0.01 *						F/I	
C-5 123.45	Quartz vein	Oy	0.9×1.2 * (Sp)	0.6×0.7 ◎ (Cp, Gn)	0.1×0.2 * (Sp)	○ (Cp)							F/I	
C-6 97.20	Quartz vein	Oy	0.1×0.2 * (Py)	0.1×0.2 * (Py)		○ S	0.01×0.06 (Py, Cp, Gn)						T, X	
C-6 156.60	Quartz vein	Oy	0.003 * (Py, Sp)	0.03×0.04 * (Py, Cp)	0.02×0.03 * (Py, Sp)	0.3 ○ (Py, Sp, Gn, Cp)							F/I	
C-6 159.00	Quartz vein	Oy												
Jhuamarca Area Drilling Core Samples														
J-5 3.10	Sil breccia	Po	0.02 * (Sp)	1.4 △ (Cp)		○ E; s, A; l		0.03 ○ E~S			◎ A		X	
J-7 87.40	Sil lp-tf	Po	0.06 * (Sp, Gn)	○ (Cp, Gn)	0.4×0.5 * (Cp)	△	0.2×0.3 △ (Py, Gn)						X	
J-8 31.05	Sil tf-bre	Po		0.07 *		1.7 ○ E (Sp, Tr)	0.1×0.2 * (Py)		0.01 △ Co-Py	0.005 *	△ in Cav(?)		X	
J-8 68.45	Quartz vein	Po		0.2 △ (Py, Tr)	0.11 * (Tr)	○ (Sp, Tr)	v.1 ◎ (Sp, Gn, Py)						X	
J-13 18.35	Sil tf-bre	Po	0.17 * (Tr)	0.1×0.2 △ (Tr)	0.03 * (Tr)	◎	0.5×0.6 ○ (Sp, Cp, Gn)		0.01 * → Tr				X	
Jhuamarca Area Surface Samples														
R-83001	Sil breccia	Po		1.4 ○ A (Tr)		0.03 ◎ E~S (Tr)	0.07 * (Py, Sp)		*	0.02 △ Co-Py, Sp				
T102	Massive sulfide ore	Po	*	v.1 ◎ (Py)	0.001 * (Sp)	0.05 ◎ E~S (Sp, Tr)	0.2×0.4 △ (Py)		0.01 * → Tr				X	

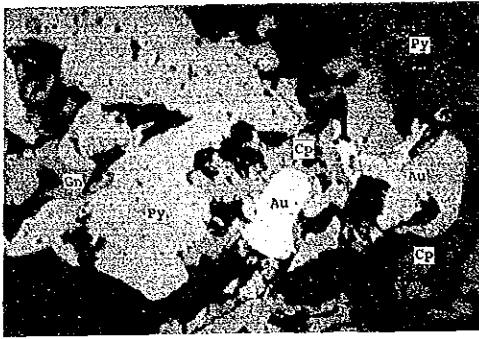
◎:abundant ○:common △:few *:rare

0.2×0.5 : maximum size (mm)

Abbreviations Asp:arsenopyrite, Cc:calcocite, Cp:chalcopyrite, Cv:covellite, Gd:gold, Gn:galena, Gt:goethite, Hem:hematite, Py:pyrite, Sp:spalerite, Tr:tetrahedrite
 A:anhedral, Ag:aggregate, Cav:cavity, Co:coating over, E:euohedral, l:large, S:subhedral, s:small, v:very, ():occurs only in inclusions, []:bearing as inclusions, +:altered from, Sil:silicified, lp:lapilli, tf:tuff, bre:breccia, Oy:oyotun, Po:poruculla
 F/I:fluid inclusion examined, T:thin section observed, X:x-ray diffraction examined

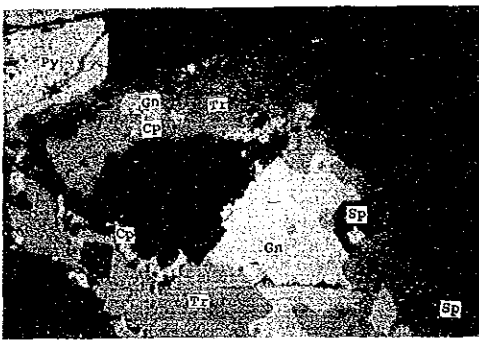
Apx. 7 Microscopic Photographs of Polished Sections

Asp : arsenopyrite
Au : native gold
Cc : chalcocite
Cp : chalcopyrite
Cv : covellite
Gn : galena
Py : pyrite
Sp : sphalerite
Tr : tetrahedrite



0 0.05mm

Sample No. C-1 52.60 (1)
Chontali Area
Quartz vein



0 0.1mm

Sample No. C-1 52.60 (2)
Chontali Area
Quartz vein



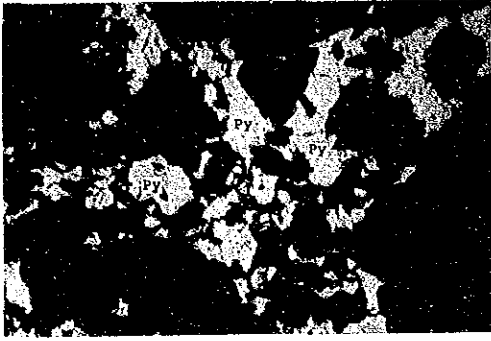
0 0.1mm

Sample No. C-1 130.40
Chontali Area
Quartz vein



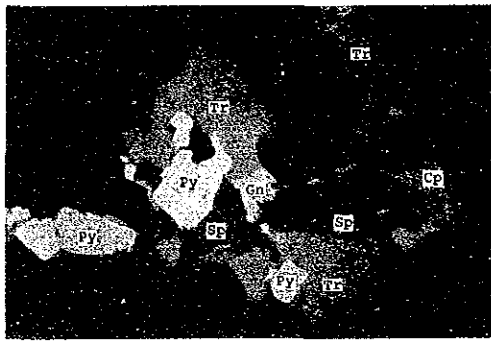
0 0.05mm

Sample No. C-1 146.40
Chontali Area
Quartz vein



0 0.2mm

Sample No. C-2 59.60
Chontali Area
lapilli tuff with Quartz vein



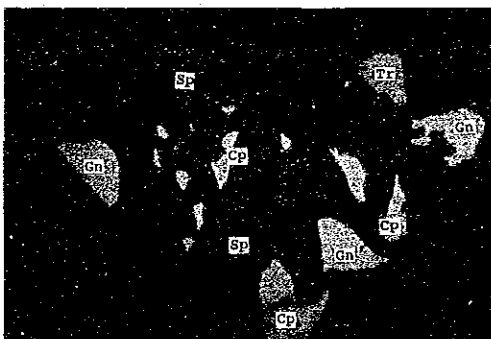
0 0.05mm

Sample No. C-2 194.50
Chontali Area
Quartz vein



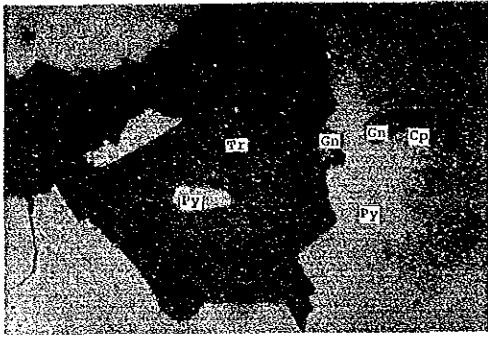
0 0.05mm

Sample No. C-3 203.84
Chontali Area
Quartz vein



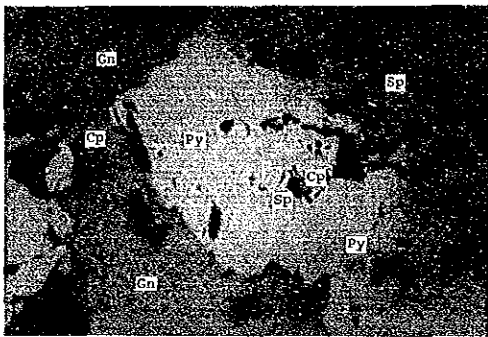
0 0.05mm

Sample No. C-3 204.15
Chontali Area
Quartz vein



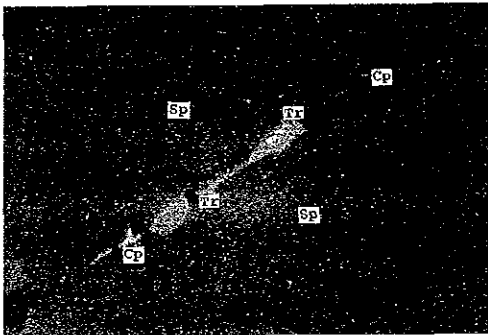
0 0.05mm

Sample No. C-4 202.13
Chontali Area
Quartz net vein



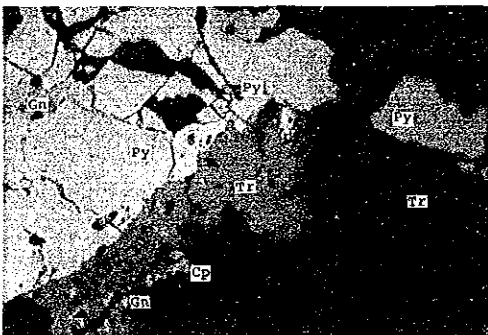
0 0.05mm

Sample No. C-4 244.64
Chontali Area
Quartz vein



0 0.01mm

Sample No. C-5 74.50
Chontali Area
Quartz vein



0 0.05mm

Sample No. C-5 123.00
Chontali Area
Quartz vein



0 0.05mm

Sample No. C-5 123.45
Chontali Area
Quartz vein



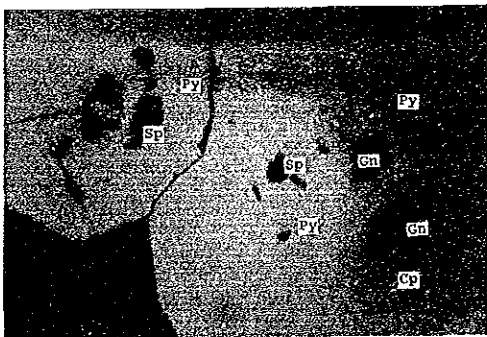
0 0.1mm

Sample No. C-6 97.20
Chontali Area
Quartz vein



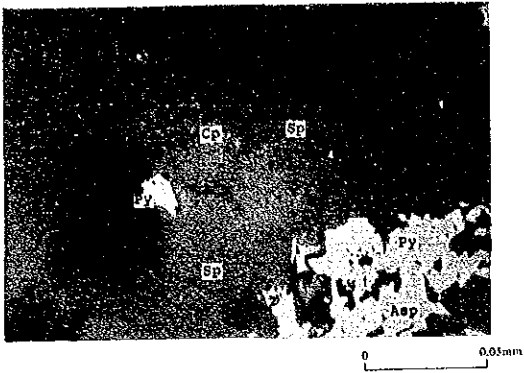
0 0.05mm

Sample No. C-6 156.60
Chontali Area
Quartz vein

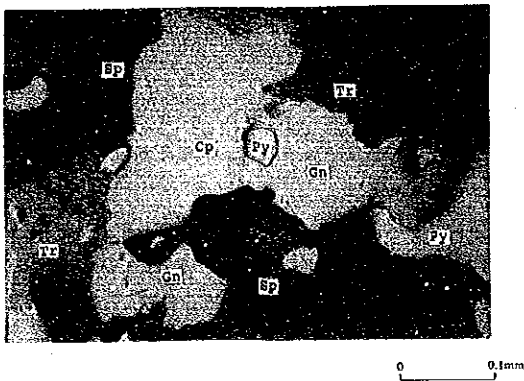


0 0.05mm

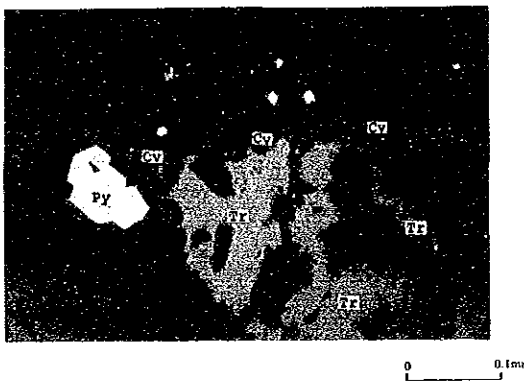
Sample No. C-6 159.00
Chontali Area
Quartz vein



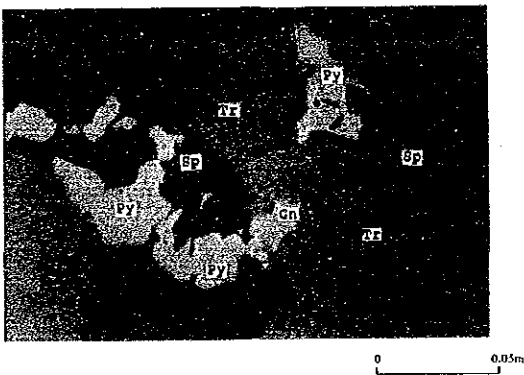
Sample No. J-5 3.10
 Jehuamarca Area
 Silicified breccia



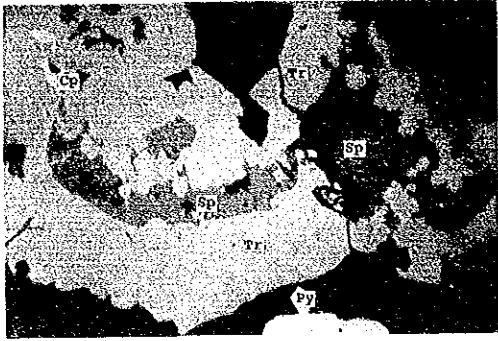
Sample No. J-7 87.40
 Jehuamarca Area
 Silicified lapilli tuff



Sample No. J-8 31.05
 Jehuamarca Area
 Silicified tuff breccia

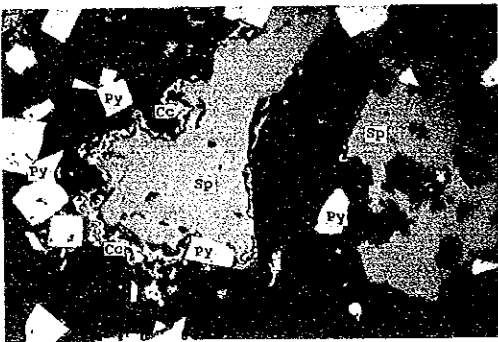


Sample No. J-8 68.45
 Jehuamarca Area
 Quartz vein



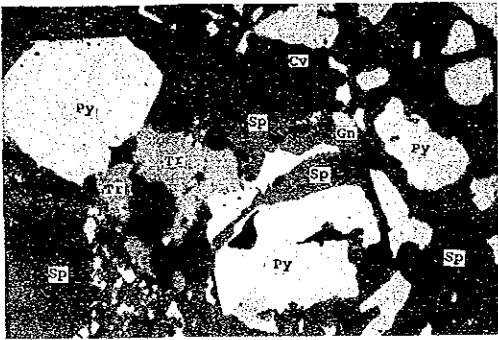
0 0.1mm

Sample No. J-13 18.35
 Jehuamarca Area
 Silicified tuff breccia



0 0.1mm

Sample No. R-83001
 Jehuamarca Area
 Silicified breccia



0 0.05mm

Sample No. T102
 Jehuamarca Area
 Massive sulfide ore

Apx. 8 Assay Results of Drilling Core in the Chontali Area

ApX.8 Assay Results of Drilling Core in Chontali Area

Drill Hole	Depth (m)	Length (m)	Rock Name	Au (g/t)	Ag (g/t)
MJPC-1	28.65 ~ 29.90	1.25	wk limo net sil lp tf	0.75	4.5
	33.40 ~ 34.15	0.75	wk limo net sil arg lp tf	0.65	3.5
	42.65 ~ 43.85	1.20	limo dr qtz v	0.25	4.5
	43.85 ~ 45.40	1.55	sil arg lp tf w/qtz vlet	0.20	5.0
	45.40 ~ 46.70	1.30	"	0.10	3.0
	average	2.85		0.15	4.1
	52.45 ~ 52.70	4.05	qtz v	0.18	4.2
	72.60 ~ 72.85	0.25	"	3.65	11.5
	77.20 ~ 77.90	0.25	sil lp tf w/qtz net	0.05	3.0
	94.25 ~ 94.50	0.70	qtz v	0.10	5.5
	99.95 ~ 100.30	0.25	gray-black clay bre sheared	0.30	4.5
	100.30 ~ 100.75	0.35	qtz v	nd	4.5
	100.75 ~ 101.90	0.45	sil arg lp tf	0.90	7.5
	101.90 ~ 102.85	1.15	"	tr	1.5
	102.85 ~ 104.20	0.95	qtz v	nd	1.5
	104.20 ~ 105.70	1.35	sil arg lp tf w/qtz v, vlet	2.05	13.5
	average	1.50		nd	7.5
	117.55 ~ 118.00	5.75	qtz v	0.55	6.5
	118.00 ~ 118.65	0.45	sil arg lp tf w/qtz vlet net	1.40	44.5
	average	0.65		1.50	6.5
	128.95 ~ 129.70	1.10	sil arg lp tf	1.46	22.0
	129.70 ~ 130.80	0.75	qtz v	0.70	14.5
	130.80 ~ 131.90	1.10	"	0.55	22.0
	131.90 ~ 133.30	1.40	"	0.45	9.5
	average	3.60		2.65	35.0
	133.30 ~ 133.90	0.60	sil arg lp tf	1.34	23.2
	133.90 ~ 134.40	0.50	qtz v	0.25	4.0
	average	4.70		1.60	5.0
	average	5.45		1.23	18.8
	145.95 ~ 146.40	0.45	sil arg lp tf w/qtz net	1.15	18.2
	146.40 ~ 147.35	0.95	qtz v	0.10	5.0
	147.35 ~ 148.20	0.85	"	1.05	41.5
148.20 ~ 149.00	0.80	"	0.15	12.0	
149.00 ~ 149.55	0.55	sil arg lp tf w/qtz net	nd	22.5	
average	3.15		2.50	3.5	
average	3.15		0.79	22.1	
MJPC-2	56.40 ~ 57.40	1.00	sil arg lp tf w/qtz v, vlet	0.40	2.0
	57.40 ~ 57.95	0.55	"	0.75	2.5
	average	1.55		0.52	2.2
	57.95 ~ 58.30	0.35	qtz v	5.75	4.5
	58.30 ~ 59.10	0.80	sil arg lp tf w/qtz v, vlet	0.45	1.5
	59.10 ~ 60.05	0.95	"	1.70	13.5
	60.05 ~ 60.75	0.70	"	1.80	1.5
	60.75 ~ 61.50	0.75	sil arg lp tf w/qtz v, py	1.70	6.0
	average	3.20		1.41	6.1
	average	3.55		1.84	6.0
	average	5.10		1.44	4.8
	100.00 ~ 100.80	0.80	qtz v net most abundant zone	3.20	2.5
	100.80 ~ 101.50	0.70	sil arg lp tf	tr	1.5
101.50 ~ 101.80	0.30	qtz v(15cm), qtz vlet-net	nd	9.0	
average	1.80		1.42	3.2	

nd: not detected, tr: trace
 abbreviation arg: argillized, bre: breccia, brecd: brecciated, dr: drusy,
 hem: hematite, limo: limonitized, lp: lapilli,
 net: network, py: pyrite, qtz: quartz, sil: silicified, st: strongly
 tf: fuff, v: vein, vlet: veinlet, wk: weak, w/: with

Drill Hole	Depth (m)	Length (m)	Rock Name	Au (g/t)	Ag (g/t)
MJPC-2	116.30 ~ 117.35	1.05	qtz net bearing brecd zone	1.05	9.5
	175.60 ~ 176.45	0.85	qtz v-vlet most abundant zone	0.25	4.5
	178.15 ~ 178.95	0.80	qtz brecd v, sil arg lp tf	0.50	4.0
	178.95 ~ 179.80	0.85	qtz brecd v, qtz v-vlet net	0.45	2.5
	179.80 ~ 180.70	0.90	sil arg lp tf w/qtz-py v	0.25	2.0
	180.70 ~ 180.90	0.20	qtz brecd v w/Fe qtz	1.15	7.0
	average	2.75		0.45	3.1
	183.65 ~ 184.00	0.35	qtz v	0.15	2.5
	186.80 ~ 187.60	0.80	qtz v, qtz net v zone	0.55	3.0
	187.60 ~ 188.20	0.60	sil arg lp tf	0.80	3.0
	188.20 ~ 189.00	0.80	qt v	0.10	3.0
	average	2.20		0.45	3.0
	189.00 ~ 190.35	1.35	sil arg lp tf w/qtz v-vlet net	0.05	2.0
	190.35 ~ 191.65	1.30	"	0.20	1.5
	191.65 ~ 192.40	0.75	"	nd	1.5
	192.40 ~ 193.50	1.10	"	0.55	16.5
	average	4.50		0.21	5.3
	193.50 ~ 194.15	0.65	qtz v	1.40	41.5
	194.15 ~ 194.80	0.65	"	1.35	35.5
	average	1.30		1.38	38.5
	average	8.00		0.47	10.1
	194.80 ~ 195.50	0.70	sil arg tf bre w/qtz v, vlet	0.30	6.0
	195.50 ~ 196.60	1.10	"	0.30	6.5
	average	1.80		0.30	6.3
	average	9.80		0.43	9.4
	208.65 ~ 209.00	0.35	qtz v	0.45	14.5
	230.80 ~ 231.30	0.50	arg sil lp tf partly brecd,	0.20	4.0
	231.30 ~ 232.40	1.10	grz v-vlet net, qtz-clay	nd	2.5
	232.40 ~ 233.50	1.10	net v	0.35	5.5
	average	2.70		0.18	4.0
242.50 ~ 243.15	0.65	qtz v(fine qtz vlet net)	0.65	18.0	
243.15 ~ 244.00	0.85	sil arg lp tf	tr	3.0	
244.00 ~ 244.90	0.90	qtz v(fine qtz vlet net)	0.50	18.5	
average	2.40		0.36	12.9	
244.90 ~ 246.00	1.10	sil arg lp tf w/qtz vlet net	0.25	5.5	
average	3.50		0.33	10.6	
MJPC-3	41.10 ~ 42.40	1.30	limo qtz v partly dr	0.70	14.0
	42.40 ~ 43.60	1.20	sil arg lp tf	0.40	4.5
	43.60 ~ 43.95	0.35	limo qtz net v	3.00	2.5
	43.95 ~ 44.85	0.90	arg lp tf	0.65	9.0
	44.85 ~ 45.10	0.25	wk limo dr qtz v	2.40	22.0
	average	4.00		0.91	9.5
	59.55 ~ 60.30	0.75	fault bre (qtz, sil rock bre)	0.65	9.0
	63.30 ~ 64.10	0.80	wk limo dr qtz v	2.40	22.0
	91.20 ~ 91.65	0.45	qtz v15cm/qtz vlet net zone30cm	0.95	10.5
	133.00 ~ 133.50	0.50	wk limo grz v partly dr	0.30	20.5
	148.75 ~ 150.00	1.25	qtz v partly dr	1.20	37.0
	150.00 ~ 151.00	1.00	sil tf bre w/qtz vlet	1.15	9.0
	151.00 ~ 152.00	1.00	"	0.65	7.5
	152.00 ~ 153.00	1.00	"	0.80	9.0
	average	3.00		0.87	8.5
	average	4.25		0.96	16.9
	167.80 ~ 168.86	1.06	qtz bre (fault bre)	0.55	2.5
	168.86 ~ 169.85	0.99	"	0.45	10.0
	169.85 ~ 171.00	1.15	"	0.45	4.5
	average	3.20		0.48	5.5
171.00 ~ 172.40	1.40	sil arg tf bre	0.25	3.0	
172.40 ~ 173.05	0.65	qtz v	0.35	4.5	
average	2.05		0.28	3.5	
average	5.25		0.40	4.7	

Drill Hole	Depth (m)	Length (m)	Rock Name	Au (g/t)	Ag (g/t)
MJPC-3	180.10 ~ 180.80	0.70	breed qtz net w/gray clay	0.95	4.0
	184.25 ~ 184.50	0.25	qtz v	0.55	6.0
	199.70 ~ 200.65	0.95	bre w/qtz matrix	0.50	2.0
	200.65 ~ 201.60	0.95	"	0.45	2.0
	201.60 ~ 202.55	0.95	"	1.00	6.0
	202.55 ~ 203.50	0.95	"	0.70	3.0
	average	3.80		0.66	3.3
	203.50 ~ 204.50	1.00	qtz v partly dr&bre	2.35	44.5
	204.50 ~ 205.50	1.00	"	1.65	20.0
	205.50 ~ 206.50	1.00	"	0.25	79.0
	206.50 ~ 207.20	0.70	"	1.70	59.0
	average	3.70		1.47	49.9
	average	7.50		1.06	26.3
	207.20 ~ 208.20	1.00	sil lp tf partly gray qrz net	0.15	1.5
	208.20 ~ 209.10	0.90	"	0.10	3.5
	209.10 ~ 209.30	0.20	fault bre	0.10	3.0
	average	2.10		0.12	2.5
average	9.60		0.86	21.1	
219.95 ~ 221.10	1.15	qtz v	1.35	35.5	
MJPC-4	58.20 ~ 58.90	0.70	dr qtz v partly limo	0.10	14.5
	58.90 ~ 60.35	1.45	sil arg lp tf	1.00	13.5
	average	2.15		0.71	13.8
	65.23 ~ 67.15	1.92	fault b w/ qtz bre	tr	5.0
	82.70 ~ 83.15	0.45	sil tf bre w/qtz net	0.30	10.5
	91.30 ~ 92.00	0.70	qtz v	0.75	14.5
	92.00 ~ 92.65	0.65	sil arg tf bre w/qtz vlet net	0.30	7.0
	average	1.35		0.53	10.9
	126.90 ~ 127.15	0.25	dr qtz-calcite v	0.90	29.0
	128.30 ~ 128.50	0.20	calcite-qtz v	0.50	16.5
	200.60 ~ 201.10	0.50	qtz net v	0.75	14.0
	201.10 ~ 201.95	0.85	sil arg lp tf	0.50	4.5
	201.95 ~ 202.90	0.95	qtz net v	0.75	13.5
	average	2.30		0.66	10.3
	242.55 ~ 243.85	1.30	sil arg tf bre	0.10	3.0
	243.85 ~ 244.80	0.95	qtz v	0.35	10.5
	244.80 ~ 246.40	1.60	sil arg hem net tf bre	0.20	3.5
	average	3.85		0.20	5.1
	252.20 ~ 253.15	0.95	qtz vlet net zone (fault bre)	0.25	10.0
	261.70 ~ 262.70	1.00	fault bre	0.10	3.5
	262.70 ~ 263.70	1.00	"	0.10	2.5
	263.70 ~ 264.70	1.00	"	0.25	2.5
	264.70 ~ 265.70	1.00	"	0.25	3.0
	265.70 ~ 266.70	1.00	"	0.35	3.5
	266.70 ~ 267.70	1.00	"	0.10	3.0
	267.70 ~ 268.70	1.00	"	0.10	3.5
	268.70 ~ 269.70	1.00	"	0.10	3.0
269.70 ~ 270.85	1.15	"	0.20	2.5	
average	9.15		0.17	3.0	
274.40 ~ 274.80	0.40	qtz v	0.20	10.0	
278.70 ~ 278.93	0.23	qtz v	0.10	8.0	
MJPC-5	4.15 ~ 5.30	1.15	limo dr qtz v	1.15	9.5
	19.40 ~ 19.60	0.20	qtz v partly dr	1.05	22.5
	31.75 ~ 32.40	0.65	qtz v	0.90	35.5
	46.80 ~ 47.05	0.25	qtz v	1.35	8.0

Drill Hole	Depth (m)	Length (m)	Rock Name	Au (g/t)	Ag (g/t)
MJPC-5	51.00 ~ 51.20	0.20	qtz v	0.25	9.0
	69.60 ~ 70.15	0.55	qtz v	0.18	6.0
	74.40 ~ 74.70	0.30	dr qtz v	2.30	7.5
	76.90 ~ 77.10	0.20	qtz v	0.10	4.0
	77.10 ~ 78.15	1.05	sil lp tf w/ qtz vlet	0.20	3.0
	78.15 ~ 78.35	0.20	qtz v partly dr	0.60	9.0
	78.35 ~ 79.00	0.65	sil lp tf w/ qtz vlet	0.25	2.0
	79.00 ~ 79.30	0.30	qtz v	0.15	5.5
	79.30 ~ 79.85	0.55	sil lp tf w/ qtz vlet	0.10	1.5
	79.85 ~ 80.45	0.60	qtz v w/py stringer	2.00	25.5
	average	3.55		0.51	7.0
	121.45 ~ 122.60	1.15	qtz v partly dr	2.05	66.0
	122.60 ~ 123.75	1.15	"	1.25	41.0
	average	2.30		1.65	53.5
	123.75 ~ 125.30	1.55	qtz v-vlet net	0.85	4.5
average	3.85		1.33	33.8	
MJPC-6	23.80 ~ 24.36	0.56	qtz v partly dr	3.45	26.0
	53.25 ~ 53.80	0.55	crushed qtz v	0.70	6.5
	61.90 ~ 62.45	0.55	blackish bre w/qtz net	0.35	16.0
	62.45 ~ 63.30	0.85	blackish bre w/qtz vlet net	0.80	4.5
	63.30 ~ 64.20	0.90	"	nd	5.0
	64.20 ~ 65.20	1.00	blackish bre w/qtz net	0.15	5.5
	65.20 ~ 66.20	1.00	"	0.75	8.5
	average	4.30		0.41	7.2
	70.30 ~ 71.00	0.70	crushed qtz v	0.55	22.5
	91.20 ~ 91.40	0.20	qtz v	0.20	12.5
	97.05 ~ 97.32	0.27	qtz v	0.40	12.5
	119.10 ~ 119.50	0.40	sil lp tf w/qtz net w/barite	0.10	2.5
	120.80 ~ 122.00	1.20	qtz v abundant sheared zone	0.55	5.0
	127.10 ~ 127.82	0.72	qtz v partly dr w/py	0.70	6.5
	129.42 ~ 129.67	0.25	breed qtz v	0.25	2.0
	136.30 ~ 136.60	0.30	qtz v	0.20	14.5
	156.35 ~ 157.05	0.70	gray qtz w/white qtz vlet net	1.10	28.5
	157.05 ~ 158.20	1.15	qtz v partly dr	0.60	22.5
	158.20 ~ 159.33	1.13	"	1.70	45.5
	159.33 ~ 160.14	0.81	"	0.50	26.0
	160.14 ~ 160.85	0.71	"	0.95	18.0
	average	4.50		0.99	29.1
	210.30 ~ 210.60	0.30	qtz v	0.25	6.5
	210.60 ~ 211.50	0.90	fault bre w/qtz vnet	0.80	23.0
	average	1.20		0.66	18.9
	211.50 ~ 212.70	1.20	sil tf bre w/qtz vlet net	0.20	2.5
	212.70 ~ 213.95	1.25	"	tr	2.5
213.95 ~ 214.90	0.95	bre w/qtz v net	0.30	4.0	
average	3.40		0.15	2.9	
average	4.60		0.29	7.1	

Apx. 9 Assay Results of Drilling Core in the Jehuamaca Area

Apx.9 Assay Results of Drilling Core in Jehuamarca Area

Drill Hole	Depth (m)	Length (m)	Rock Name	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
MJPJ-4	77.70 ~ 78.00	0.30	compact qtz v	0.35	14.0	tr	0.21	0.55
	78.00 ~ 79.20	1.20	sil arg tf	0.55	7.5	tr	0.29	0.21
	79.20 ~ 80.40	1.20	"	0.25	5.5	tr	0.18	0.11
	80.40 ~ 81.60	1.20	"	0.60	5.0	tr	0.17	0.65
	average	3.60		0.47	6.0	tr	0.21	0.32
	average	3.90		0.46	6.6	tr	0.21	0.34
MJPJ-5	0.00 ~ 1.00	1.00	wk limo bre dr sil	0.20	8.0	tr	0.40	0.57
	1.00 ~ 2.00	1.00	"	0.60	10.5	0.02	0.47	0.22
	2.00 ~ 3.00	1.00	"	0.55	6.0	tr	0.34	0.01
	3.00 ~ 4.05	1.05	bre dr sil	0.50	29.5	0.01	0.25	2.23
	average	4.05		0.46	13.7	0.01	0.36	0.78
	7.95 ~ 9.00	1.05	dr qtz vlet net sil tf	0.50	17.5	0.01	0.23	0.35
	9.00 ~ 10.05	1.05	"	0.15	16.0	0.05	0.15	0.37
	10.05 ~ 11.50	1.45	arg chl lp tf	0.85	22.5	0.01	0.41	0.61
	average	3.55		0.54	19.1	0.02	0.28	0.46
	87.90 ~ 88.70	0.80	sil arg lp tf	nd	25.0	tr	0.07	0.44
	88.70 ~ 90.30	1.60	sil tf	nd	47.5	tr	0.08	0.25
	90.30 ~ 91.30	1.00	sil arg tf	0.90	95.0	tr	0.69	2.27
	91.30 ~ 92.30	1.00	chl tf	0.25	9.0	tr	0.03	0.12
	92.30 ~ 93.55	1.25	chl tf	0.10	5.0	tr	0.01	0.10
	93.55 ~ 94.80	1.25	chl tf	0.20	16.5	tr	0.01	0.08
94.80 ~ 96.25	1.45	arg tf	nd	3.5	tr	0.00	0.06	
average	8.35		0.18	27.8	tr	0.11	0.41	
MJPJ-6	0.00 ~ 1.00	1.00	wk limo dr sil	0.05	3.0	tr	0.02	0.01
	1.00 ~ 2.10	1.10	"	0.15	3.5	0.01	0.04	0.01
	2.10 ~ 3.20	1.10	wk lomo dr bre sil	0.35	10.0	0.01	0.02	0.01
	3.20 ~ 3.90	0.70	limo dr bre sil	0.40	5.5	0.02	0.12	0.01
	3.90 ~ 5.15	1.25	med limo dr bre sil	0.25	3.0	0.01	0.01	0.00
	5.15 ~ 6.10	0.95	"	0.60	17.5	0.01	0.01	0.00
	average	6.10		0.29	6.9	0.01	0.03	0.01
	6.10 ~ 6.60	0.50	limo tf	1.50	8.5	0.04	0.04	0.01
	6.60 ~ 7.65	1.05	st limo dr bre sil	3.45	269.0	0.06	0.07	0.02
	7.65 ~ 10.20	2.55	limo gos dr sil	2.40	59.5	0.07	0.07	0.02
	10.20 ~ 11.80	1.60	limo arg dr bre sil	1.00	33.0	0.04	0.08	0.02
	11.80 ~ 12.85	1.05	"	0.15	6.0	0.03	0.06	0.02
	average	6.75		1.81	73.7	0.05	0.07	0.02
	average	12.85		1.09	42.0	0.03	0.05	0.01
	12.85 ~ 13.95	1.10	arg chl sil lp tf	0.35	44.5	0.21	0.51	0.62
	13.95 ~ 15.55	1.60	chl lp tf	0.70	34.0	0.02	2.03	3.67
	15.55 ~ 16.90	1.35	arg chl sil lp tf	0.05	11.5	tr	0.51	0.73
	16.90 ~ 18.30	1.40	"	nd	3.5	tr	0.13	0.09
18.30 ~ 19.40	1.10	"	0.05	3.5	tr	0.10	0.08	
19.40 ~ 20.45	1.05	"	0.05	2.0	tr	0.07	0.02	
average	7.60		0.22	17.1	0.03	0.64	1.02	
average	20.45		0.77	32.7	0.03	0.27	0.39	

nd: not detected, tr: trace

abbreviation arg: argillized, bre: breccia, bre: brecciated, chl: chloritized, dr: drusy, gn: galena, gos: gossan, limo: limonitized, lp: lapilli, med: medium, net: network, py: pyrite, qtz: quartz, sh: shale, sil: silicified, sp: sphalerite, st: strong, tf: tuff, v: vein, vlet: veinlet, weath: weathered, wk: week, w/: with.

Drill Hole	Depth (m)	Length (m)	Rock Name	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
MJPJ-7	0.00 ~ 1.25	1.25	dr bre sil	0.05	4.5	tr	0.25	0.01
	79.80 ~ 80.75	0.95	arg sil csg tf	0.35	18.5	tr	0.14	0.58
	80.75 ~ 81.75	1.00	"	nd	32.5	tr	0.11	0.49
	average	1.95		0.17	25.7	tr	0.12	0.53
	81.75 ~ 83.05	1.30	arg tf	0.55	223.5	0.03	0.18	0.18
	83.05 ~ 84.40	1.35	qtz v(0.60m) & fault bre	0.60	236.0	0.06	0.13	0.31
	84.40 ~ 85.60	1.20	sil arg lp tf w/sp, py vlet	0.80	205.5	0.06	0.10	0.41
	average	3.85		0.65	222.3	0.05	0.13	0.30
	85.60 ~ 86.80	1.20	"	0.15	19.0	0.02	0.10	0.80
	86.80 ~ 88.00	1.20	"	0.05	66.5	0.07	0.78	2.04
	88.00 ~ 89.20	1.20	"	0.05	12.0	0.01	0.42	1.12
	89.20 ~ 90.40	1.20	"	0.05	10.5	0.01	0.22	0.60
	90.40 ~ 91.60	1.20	"	0.10	18.0	tr	0.44	1.20
	91.60 ~ 92.80	1.20	"	0.80	14.5	tr	0.34	0.54
	92.80 ~ 94.00	1.20	"	nd	13.5	tr	0.11	0.30
	94.00 ~ 95.20	1.20	"	nd	7.0	tr	0.13	0.40
	95.20 ~ 96.40	1.20	"	0.45	7.0	tr	0.25	0.61
	96.40 ~ 97.60	1.20	"	0.15	80.5	0.01	0.34	0.99
	97.60 ~ 98.80	1.20	"	0.30	17.0	tr	0.20	0.32
	98.80 ~ 100.00	1.20	"	nd	14.0	0.01	0.28	0.53
average	14.40		0.18	23.3	0.01	0.30	0.79	
average	20.20		0.14	19.1	0.01	0.23	0.61	
MJPJ-8	28.90 ~ 29.65	0.75	bre sil	0.75	23.5	1.23	0.11	0.44
	29.65 ~ 30.75	1.10	arg sil lp tf-tf alternation	0.25	74.5	0.04	0.06	0.03
	30.75 ~ 31.75	1.00	sil arg tf breccia	0.70	11.5	0.26	0.20	0.32
	31.75 ~ 33.30	1.55	"	0.45	7.5	0.07	0.39	0.55
	33.30 ~ 34.90	1.60	"	0.75	19.0	0.27	0.71	1.71
	34.90 ~ 36.20	1.30	"	0.65	5.5	0.11	0.37	0.43
	36.20 ~ 36.80	0.60	"	5.25	49.5	0.42	0.70	1.60
	average	7.15		0.96	24.1	0.17	0.41	0.76
	average	7.90		0.94	24.0	0.27	0.38	0.73
	65.65 ~ 66.40	0.75	sil chl lp tf	0.20	20.0	0.02	0.09	1.96
	66.40 ~ 67.40	1.00	"	0.35	36.5	0.05	0.12	1.05
	67.40 ~ 68.10	0.70	sil chl & sil lp tf	0.15	13.0	0.02	0.07	0.11
	average	2.45		0.25	24.7	0.03	0.10	1.06
	68.10 ~ 68.40	0.30	qtz v	2.80	1065.0	5.11	0.99	9.22
	68.40 ~ 69.25	0.85	sil arg lp tf	0.90	264.0	1.67	0.17	1.10
	average	1.15		1.40	473.0	tr	0.38	3.22
	average	3.60		0.61	137.9	0.02	0.19	1.75
96.60 ~ 97.00	1.20	sil arg lp tf	0.25	8.0	0.02	0.07	0.15	
97.00 ~ 99.00	1.20	"	0.05	6.0	0.01	0.04	0.12	
99.00 ~ 100.00	1.00	"	0.05	6.0	0.01	0.04	0.13	
average	3.40		0.12	6.7	0.01	0.05	0.13	
MJPJ-9	21.10 ~ 22.00	0.90	sil arg lp tf	0.25	13.0	tr	0.48	1.12
	22.00 ~ 23.00	1.00	"	0.65	20.0	0.01	1.12	2.75
	23.00 ~ 24.00	1.00	"	0.55	14.5	tr	0.53	1.40
	24.00 ~ 25.00	1.00	"	0.05	9.5	tr	0.19	0.45
	25.00 ~ 26.05	1.05	"	0.45	8.0	tr	0.08	0.23
	26.05 ~ 27.10	1.05	"	0.15	8.0	tr	0.18	0.51
	27.10 ~ 28.30	1.20	"	0.40	9.0	tr	0.36	0.87
	average	7.20		0.36	11.6	tr	0.41	1.03
	92.90 ~ 94.00	1.10	sil arg tf-tf sh alternation	nd	6.5	tr	0.29	1.06
	94.00 ~ 95.10	1.10	"	0.05	8.0	tr	0.41	1.30
	95.10 ~ 96.05	0.95	"	0.05	6.0	tr	0.02	1.02
	96.05 ~ 97.10	1.05	chl lp tf	0.05	7.0	tr	0.31	1.06
average	4.20		0.04	6.9	tr	0.27	1.11	

Drill Hole	Depth (m)	Length (m)	Rock Name	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
MJPJ-10	25.40 ~ 26.45	1.05	qtz v	0.05	39.5	0.03	0.05	0.03
	26.45 ~ 27.20	0.75	"	0.15	93.5	0.03	0.08	0.02
	average	1.80		0.09	62.0	0.03	0.06	0.02
	27.20 ~ 27.95	0.75	arg sil tf bre (fault bre)	0.40	48.0	0.90	0.03	0.76
	27.95 ~ 29.05	1.10	"	0.55	11.0	0.20	0.03	0.15
	29.05 ~ 29.95	0.90	"	0.10	8.5	0.20	0.02	0.29
	average	2.75		0.36	20.3	0.39	0.03	0.36
	29.95 ~ 30.75	0.80	arg sil lp tf	nd	9.5	0.15	0.02	0.21
	30.75 ~ 31.55	0.80	"	0.10	6.0	0.07	0.07	0.63
	31.55 ~ 32.55	1.00	sil arg lp tf py-sp stringer	0.50	4.5	0.19	0.06	1.69
	32.55 ~ 33.55	1.00	"	0.10	4.5	0.02	0.14	2.68
	33.55 ~ 34.55	1.00	"	0.15	4.0	0.19	0.14	1.60
	34.55 ~ 35.55	1.00	"	0.10	3.0	0.10	0.21	1.72
	35.55 ~ 36.55	1.00	"	0.20	1.5	0.02	0.13	3.49
	36.55 ~ 37.55	1.00	"	0.05	2.0	0.01	0.10	2.73
	37.55 ~ 38.55	1.00	"	0.05	3.0	0.02	0.26	3.87
	38.55 ~ 39.60	1.05	"	0.10	4.0	0.02	0.42	3.78
	39.60 ~ 40.75	1.15	"	0.05	6.5	0.02	0.40	1.96
	40.75 ~ 41.40	0.65	sil lp tf	0.10	6.5	0.01	0.09	0.69
	41.40 ~ 42.40	1.00	sil arg lp tf py-sp stringer	0.25	6.0	0.02	0.12	4.89
	42.40 ~ 43.40	1.00	"	0.05	6.5	0.01	0.10	4.98
43.40 ~ 44.40	1.00	"	nd	10.5	0.01	1.14	2.79	
44.40 ~ 45.40	1.00	"	0.15	7.0	0.01	0.77	2.06	
45.40 ~ 46.40	1.00	"	0.05	6.0	0.00	0.56	1.21	
46.40 ~ 47.20	0.80	"	0.10	6.5	tr	0.45	1.44	
average	17.25		0.12	5.3	0.05	0.30	2.45	
average	20.00		0.15	7.4	0.10	0.26	2.16	
average	21.80		0.15	11.9	0.09	0.24	1.98	
MJPJ-11	29.15 ~ 30.40	1.25	sil tf	0.45	15.0	0.01	0.25	0.70
	65.70 ~ 66.70	1.00	sil lp tf	nd	8.5	0.01	0.04	1.23
	66.70 ~ 67.70	1.00	"	0.65	47.0	0.13	0.18	2.17
	67.70 ~ 68.35	0.65	"	0.60	24.0	0.06	0.43	1.52
	average	2.65		0.39	26.8	0.07	0.19	1.65
	71.60 ~ 72.65	1.05	qtz concentrated zone	0.95	45.4	0.19	0.08	0.06
	72.65 ~ 73.50	0.85	"	0.60	46.5	0.27	0.07	0.09
	73.50 ~ 75.10	1.60	"	0.05	89.5	0.17	0.03	0.16
75.10 ~ 76.15	1.05	"	0.30	29.5	0.14	0.04	0.10	
average	4.55		0.42	57.4	0.19	0.05	0.11	
MJPJ-12	1.00 ~ 2.50	1.50	weathered lp tf	0.95	8.0	0.01	0.04	0.01
	2.50 ~ 4.25	1.75	limo bre sil partly dr	0.45	60.0	0.01	0.22	0.01
	4.25 ~ 5.55	1.30	"	0.65	26.5	0.01	1.01	0.01
	5.55 ~ 7.25	1.70	"	0.45	29.5	0.01	0.41	0.01
	7.25 ~ 8.05	0.80	"	0.45	36.0	0.00	0.16	0.01
	8.05 ~ 9.50	1.45	"	0.10	14.0	0.01	0.07	0.00
	9.50 ~ 10.65	1.15	"	0.60	28.5	tr	0.09	0.00
	10.65 ~ 11.65	1.00	"	0.45	65.0	0.01	0.19	0.01
	11.65 ~ 12.55	0.90	"	0.55	27.5	tr	0.11	0.00
	12.55 ~ 13.55	1.00	"	0.45	12.0	0.01	0.08	0.01
	13.55 ~ 14.55	1.00	"	0.30	117.0	tr	0.18	0.00
	14.55 ~ 15.40	0.85	"	0.60	81.0	0.01	0.61	0.01
	15.40 ~ 17.20	1.80	"	0.55	64.0	0.01	0.89	0.02
	average	14.70		0.46	45.9	0.01	0.37	0.01
	average	16.20		0.51	42.4	0.01	0.34	0.01
19.80 ~ 21.10	1.30	limo bre sil	0.45	17.5	0.01	0.41	0.01	
21.10 ~ 22.40	1.30	"	0.55	6.0	tr	0.10	0.00	
22.40 ~ 23.40	1.00	"	1.65	32.5	tr	0.24	0.00	
23.40 ~ 24.45	1.05	"	1.10	60.5	0.03	1.27	0.02	
average	4.65		0.88	27.2	0.01	0.13	0.01	

Drill Hole	Depth (m)	Length (m)	Rock Name	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
MJPJ-13	1.80 ~ 3.00	1.20	sil arg bre	0.80	21.0	0.06	0.20	0.06
	3.00 ~ 3.80	0.80	"	nd	12.5	0.06	0.07	0.04
	3.80 ~ 4.70	0.90	"	0.30	15.5	0.08	0.11	0.06
	4.70 ~ 5.75	1.05	limo weathered bre	0.30	10.0	0.04	0.09	0.02
	5.75 ~ 6.55	0.80	"	0.50	515.0	0.04	0.10	0.02
	6.55 ~ 7.60	1.05	limo sil bre	0.55	61.0	0.01	0.22	0.00
	7.60 ~ 8.40	0.80	"	0.20	39.0	0.01	0.05	0.01
	8.40 ~ 9.40	1.00	"	0.20	71.5	0.02	0.04	0.01
	average	7.60		0.38	84.0	0.04	0.12	0.03
	9.95 ~ 11.15	1.20	limo net sil bre	0.40	124.0	0.03	0.11	0.02
	11.15 ~ 12.30	1.15	sil bre	0.10	72.0	0.06	0.07	0.03
	average	2.35		0.25	98.6	0.05	0.09	0.02
	17.20 ~ 18.20	1.00	arg sil tf breccia	0.40	124.0	0.14	0.15	0.07
	18.20 ~ 19.10	0.90	"	0.10	72.0	0.12	0.03	0.05
	19.10 ~ 20.00	0.90	"	0.30	130.0	0.33	0.06	0.04
	average	2.80		0.27	109.2	0.19	0.08	0.05
	37.30 ~ 38.40	1.10	sil tf	0.05	18.0	0.01	0.24	0.44
	38.40 ~ 38.40	1.00	"	0.50	14.5	0.01	0.34	1.09
	38.40 ~ 40.70	1.30	sil arg lp tf	0.15	21.0	0.01	0.33	1.42
	40.70 ~ 42.10	1.40	sil lp tf	1.20	26.0	0.01	0.40	2.24
	42.10 ~ 42.70	0.60	sil arg lp tf	0.15	15.0	tr	0.29	1.24
	42.70 ~ 43.70	1.00	sil lp tf	0.15	19.0	0.01	0.81	1.94
	43.70 ~ 44.80	1.10	"	0.25	13.0	0.01	0.48	0.75
	average	7.50		0.39	18.7	0.01	0.41	1.34
	49.90 ~ 50.90	1.00	sil lp tf	0.15	20.5	0.01	0.62	1.29
	50.90 ~ 51.90	1.00	"	0.25	21.5	0.01	0.47	1.83
	51.90 ~ 52.90	1.00	"	0.20	8.0	tr	0.08	0.51
52.90 ~ 53.90	1.00	"	0.10	19.0	0.01	0.09	0.34	
53.90 ~ 54.90	1.00	"	0.65	10.0	tr	0.18	0.62	
54.90 ~ 55.90	1.00	"	0.75	6.0	0.01	0.13	0.56	
average	6.00		0.35	14.2	tr	0.26	0.86	

