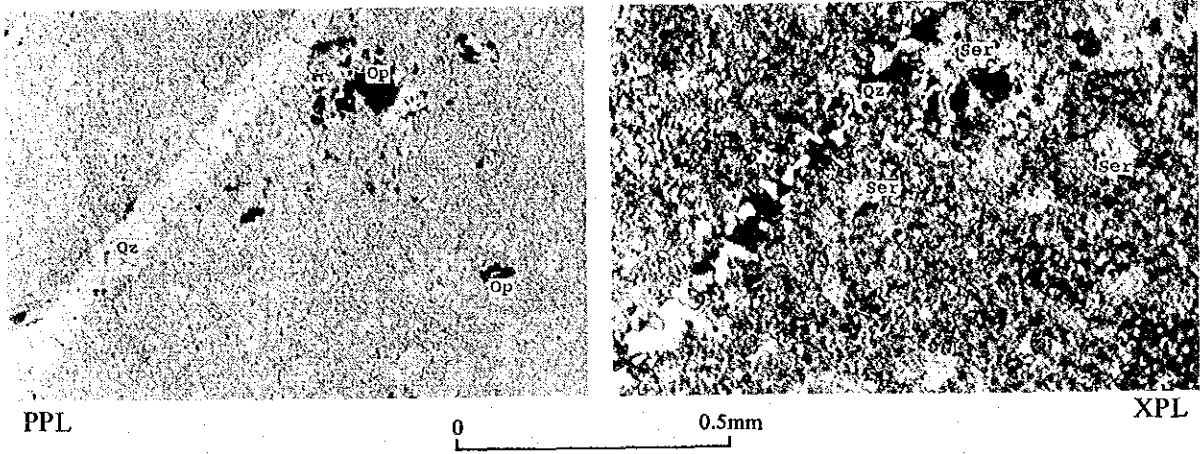
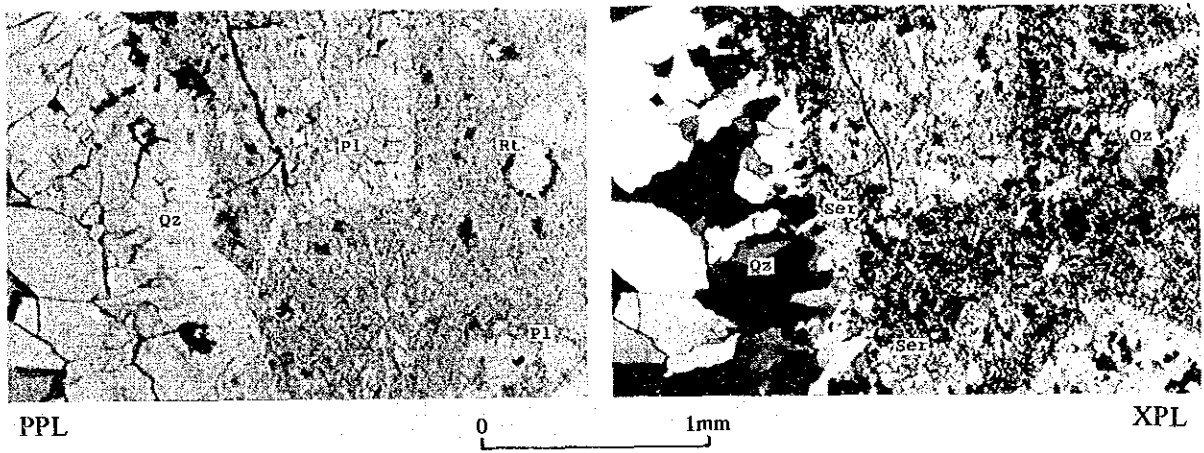


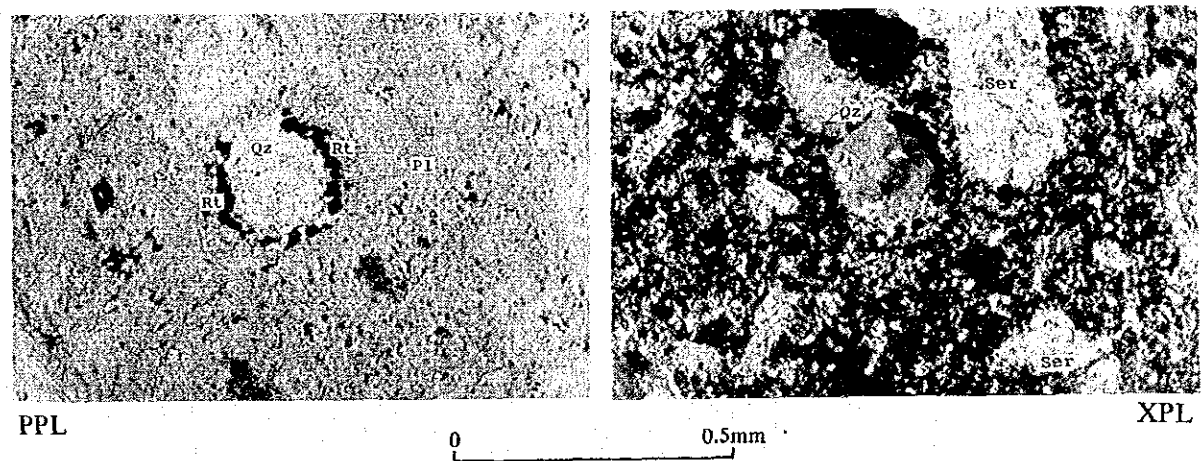
Sample No. T1301, Silicified Breccia



Sample No. J2701, Dacitic tuff



Sample No. J2701, Enlarged above Quartz Phenocyst





**Apx. 3 Results of Fluid Inclusion Homogenization Temperature Analysis**

Apx. 3 Results of Fluid Inclusion Homogenization  
Temperature Analysis

Sample No.	Host Mineral	N. M.	Temperature (°C)			Assay Grade (g/l)	
			Min	Max	Mean	Au	Ag
H0802	Q	3	115	197	145	2.81	4.5
H1101	Q	11	105	185	149	2.33	1.4
H1103	Q	12	85	145	109	4.11	17.1
J1702	Q	13	110	248	197	3.84	16.9
J1703	Q	2	121	131	126	1.30	5.7
J1801	Q	13	81	181	134	5.14	29.9
J1805	Q	7	100	237	160	1.30	33.0
J2204	Q	18	105	176	126	0.68	6.7
J2403	Q	1	92	92	92	<0.07	6.0
J2404	Q	7	101	109	105	0.27	3.6
J2701	Q	14	220	323	274	0.07	4.7
J2703	Q	12	88	128	103	0.75	9.1

Q: Quartz, N. M. : Number of Measured Fluid Inclusions

**Apx. 4 Results of X-ray Diffractive Analysis**

Ap. 4 Results of X-ray Diffractive Analysis

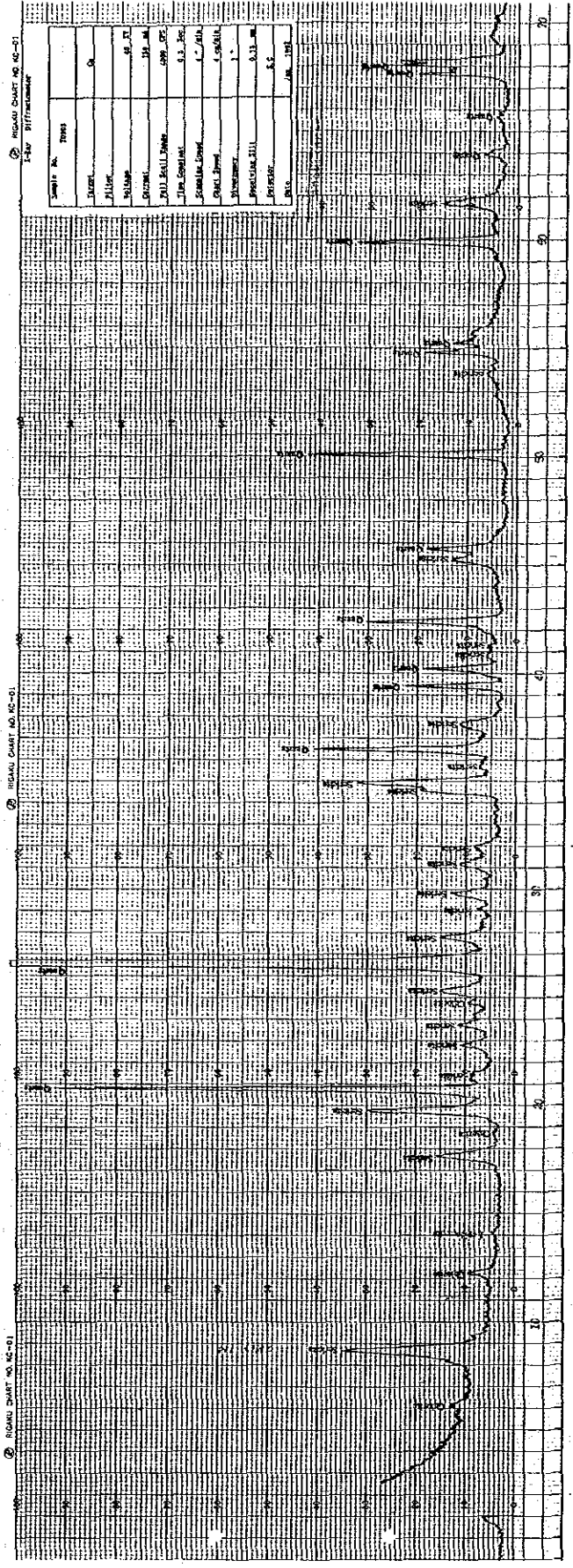
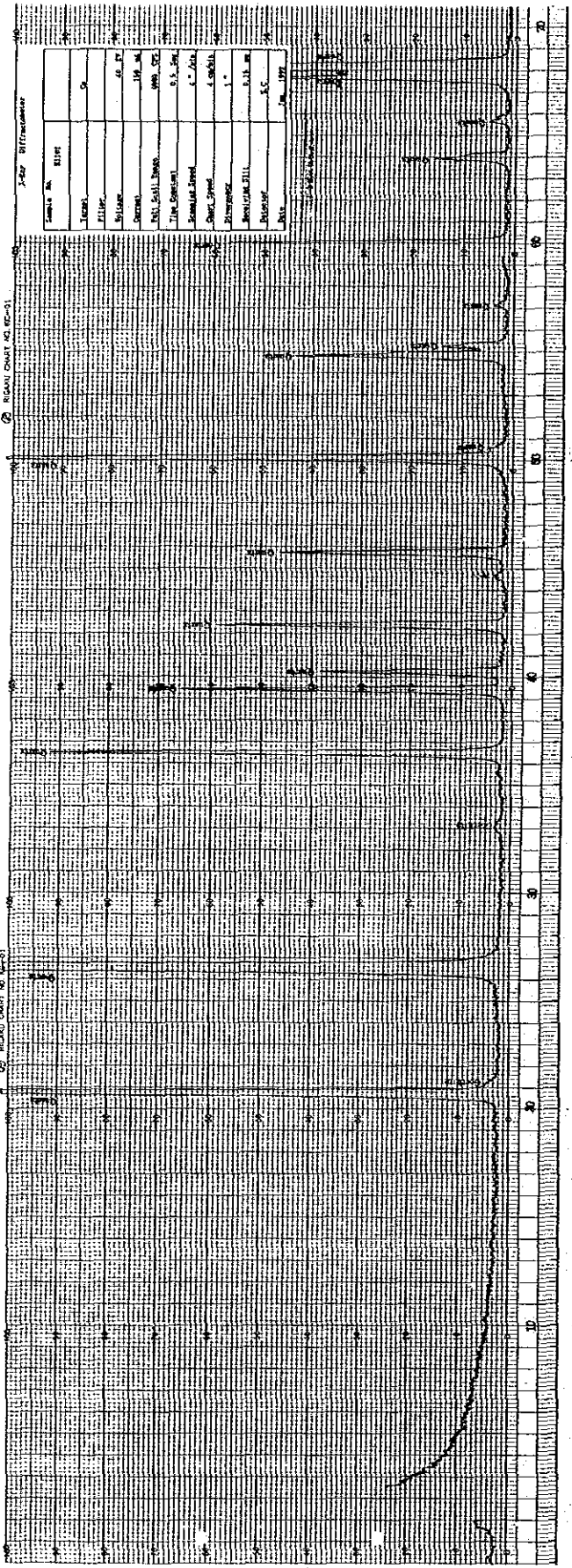
Sample No.	Location	Rock Name	Silicates								Sulfate				Oxides, Hydroxide			Remarks						
			Quartz	Taumontite	Kaolinite	Sericite	Chlorite	Sericite-Smectite Mixed-Layer Mineral	Plagioclase	Halotrichite	Gypsum	Calcite	Hematite	Geothite	Lepidochrochite	Anatase, Rutile								
H1101	Chontali	Quartz V	⊙																					
T0903	"	sil lp tf	⊙		△																		2M1>1M	
T1203	"	arg sil tf	⊙		⊙																			2M1
T1204	"	Hb lp tf weak chl	⊙		△			⊙																?
T1205	"	sil-arg lp tf Clay V	⊙																					
T1301	"	bre-sil	⊙		△																			2M1
T1302	"	sil arg lp tf	⊙		⊙																			2M1
T1304	"	sil arg tf	⊙		△																			2M1>1M
T1601	"	Gypsum	⊙																					
J1702	"	Quartz V	⊙																					
J1703	"	"	⊙																					
J1801	"	"	⊙																					
J2403	"	"	⊙																					
J2701	"	sil Quartz V	⊙		△																			?
J2703	"	Quartz V	⊙																					

⊙:many ○:intermediate △:few ·:rare

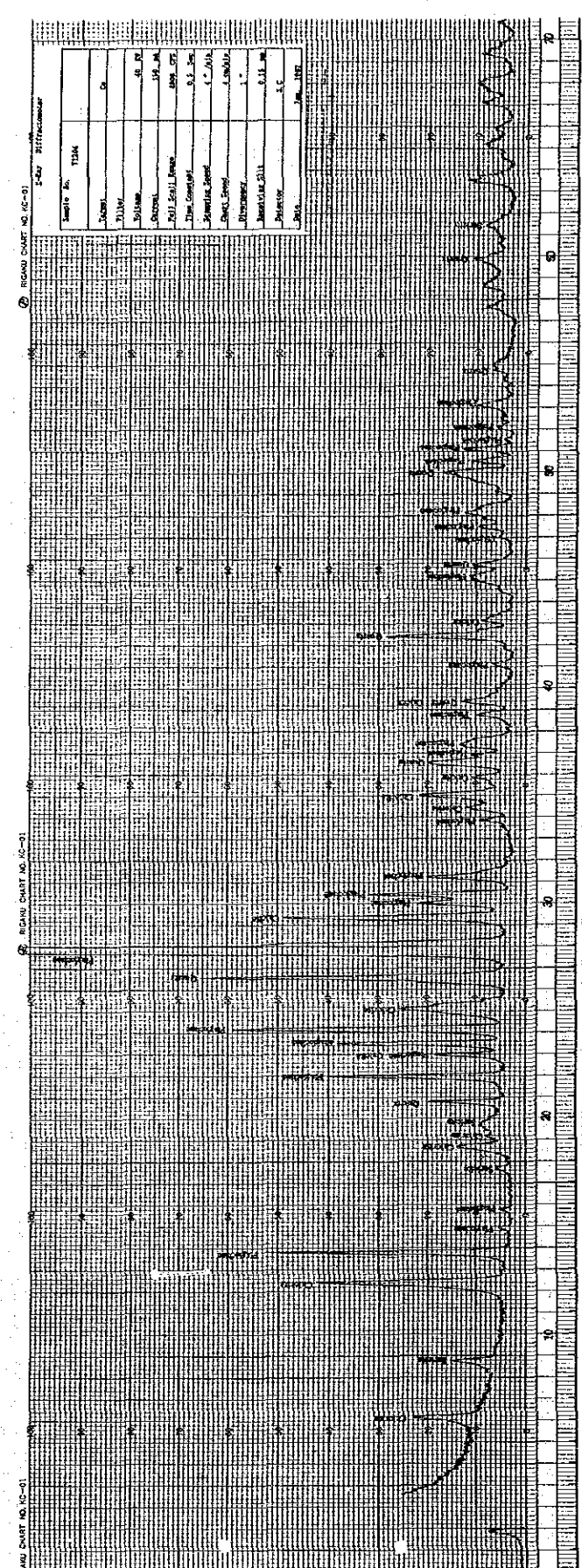
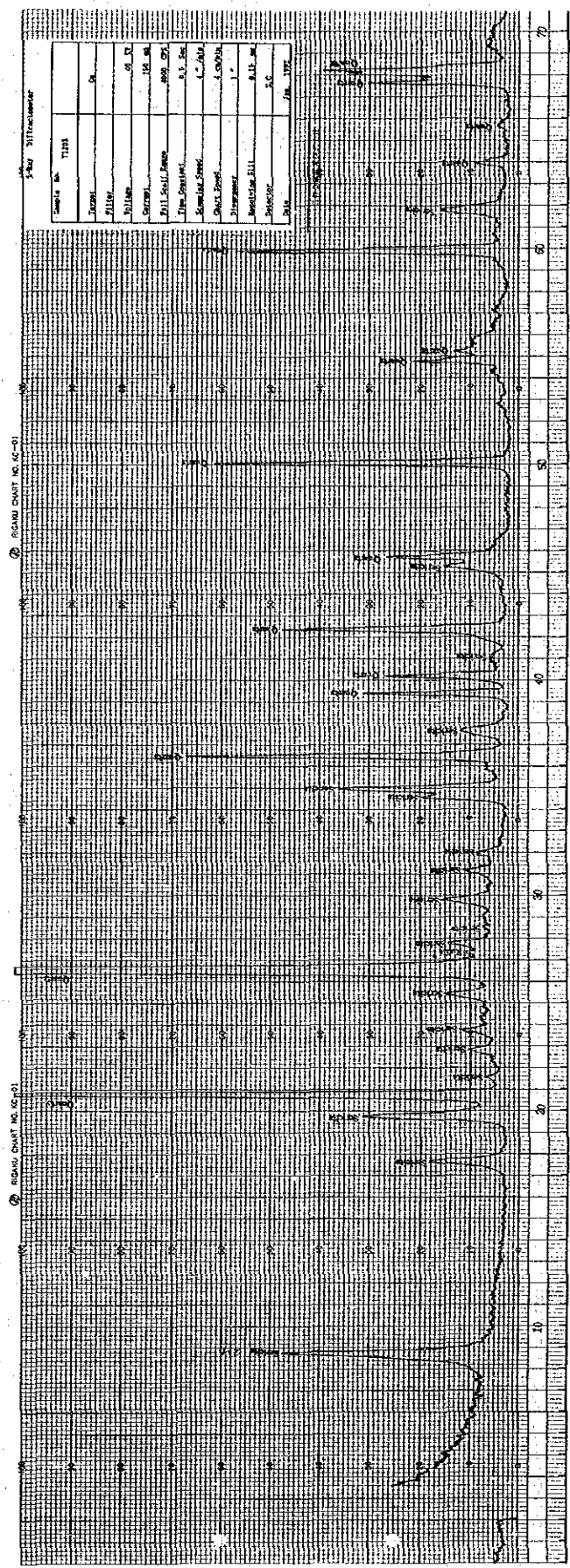
※:Carbonate

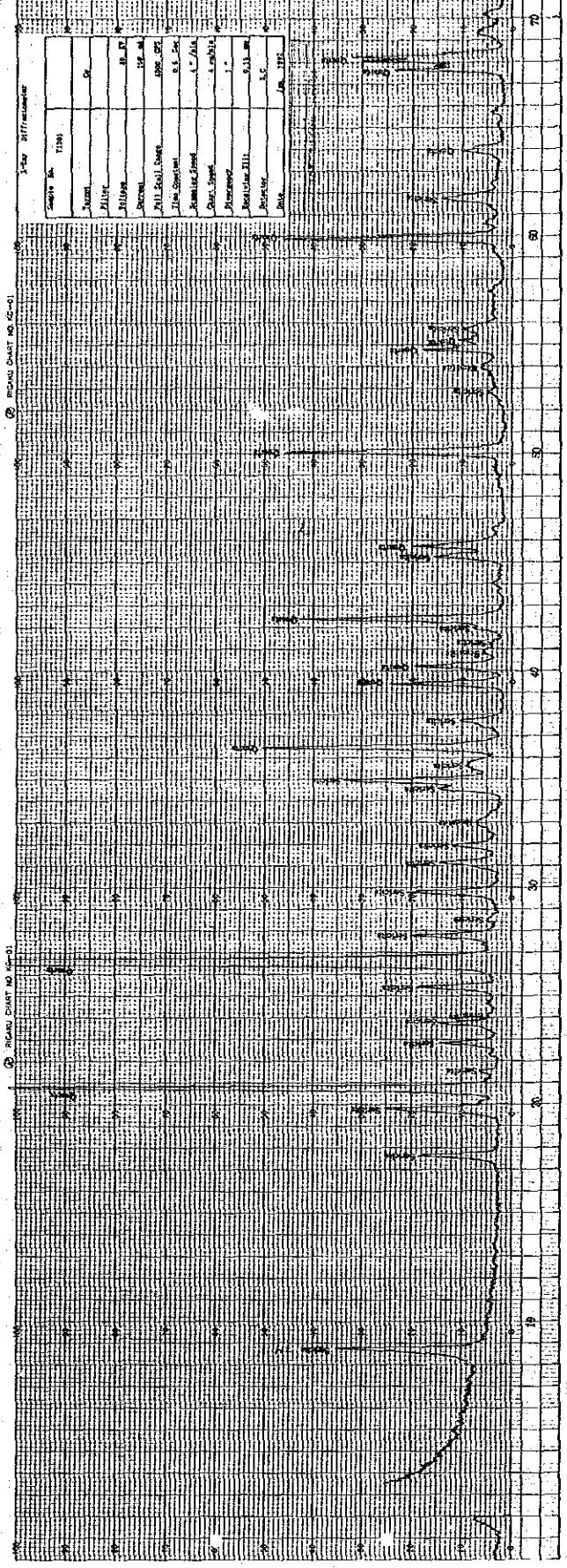
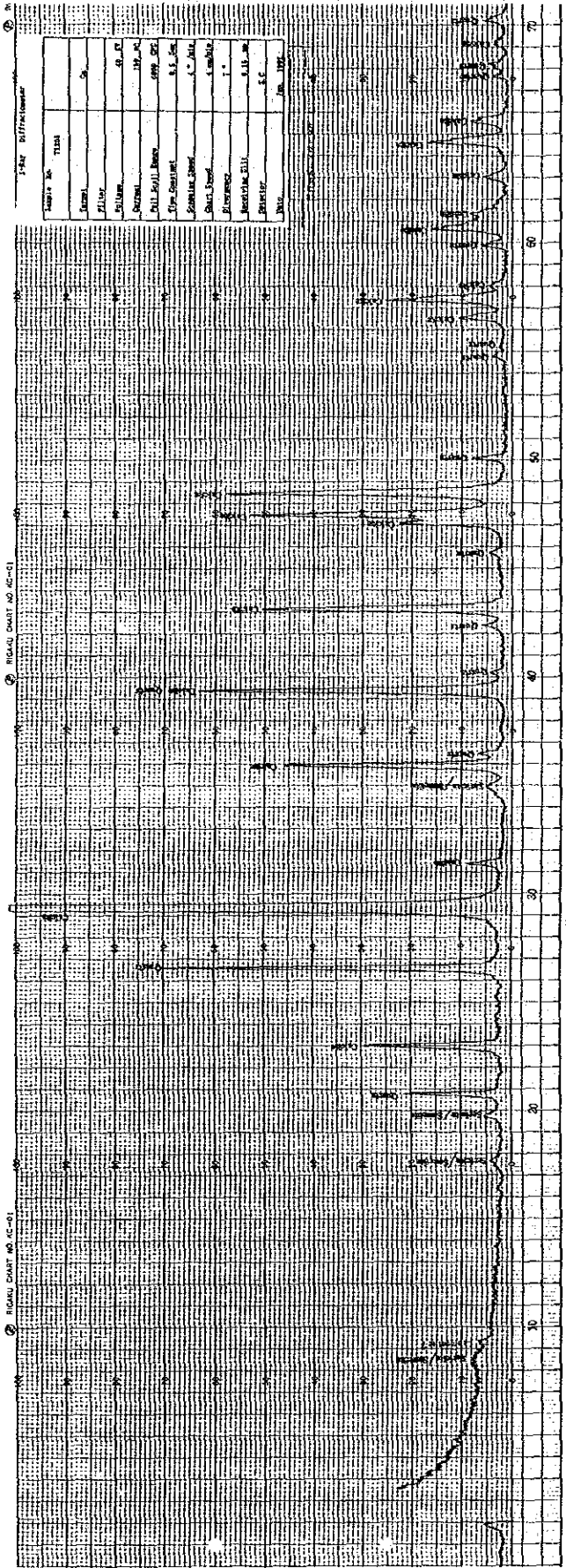
Abbreviations arg:argilized, bre:brecciated, chl:chloritized, Hb:Hornblende, lp:lapilli, sil:silicified, tf:tuff, V:Vein

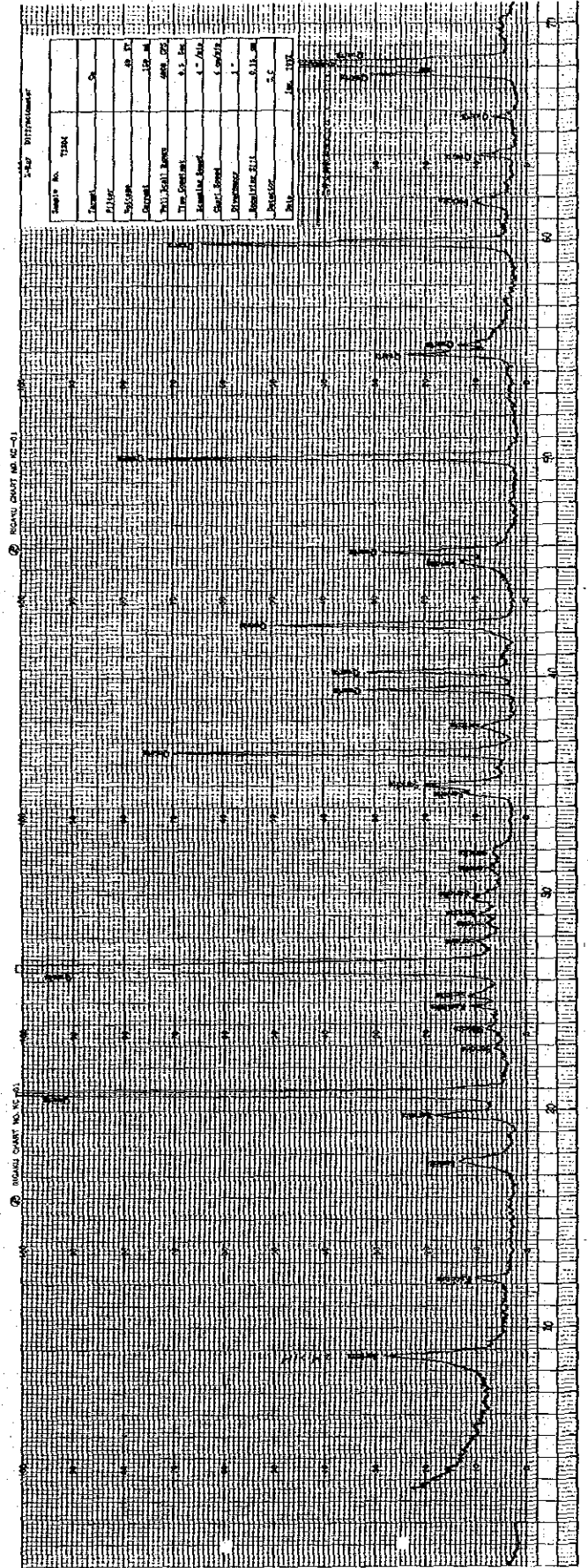
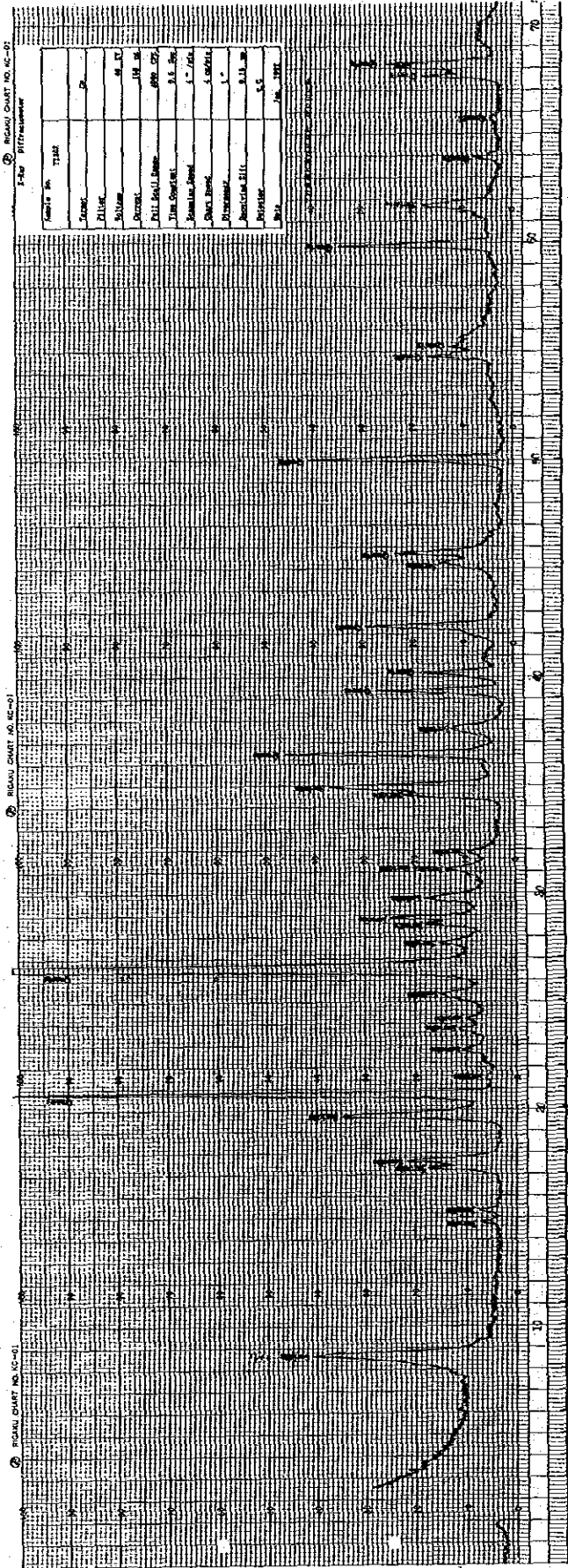
**Apx. 5 X-ray Diffraction Chart**

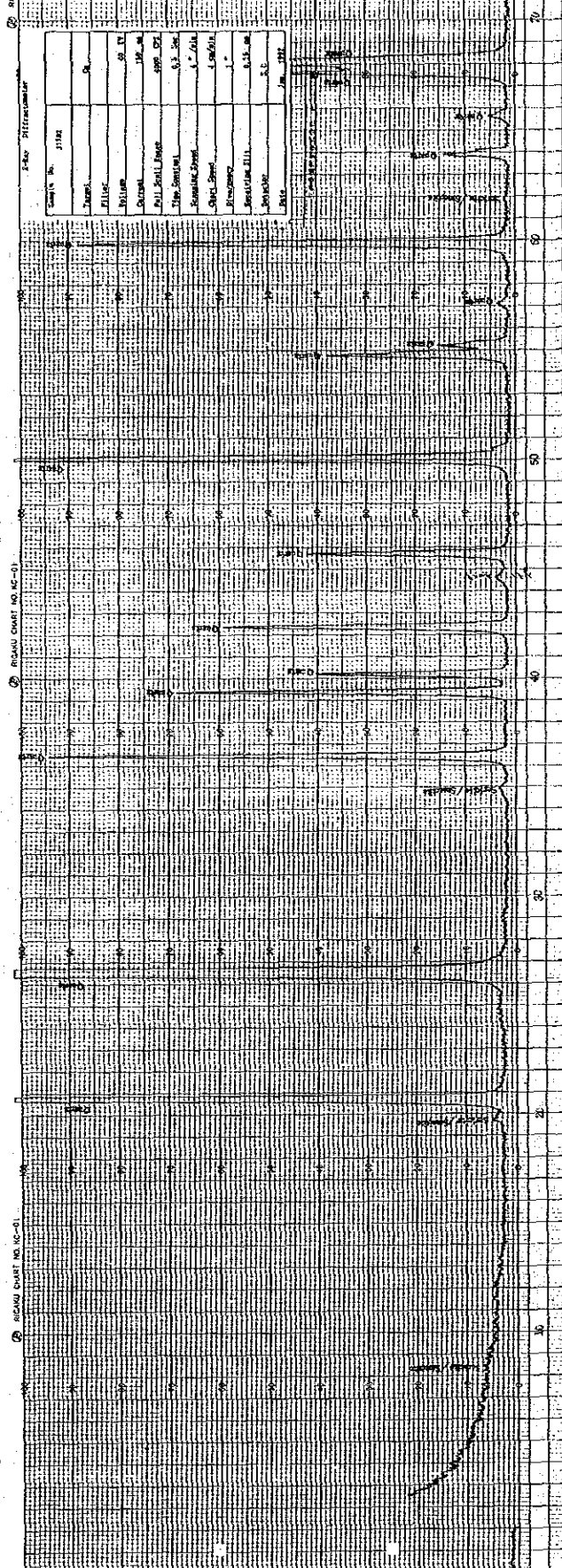
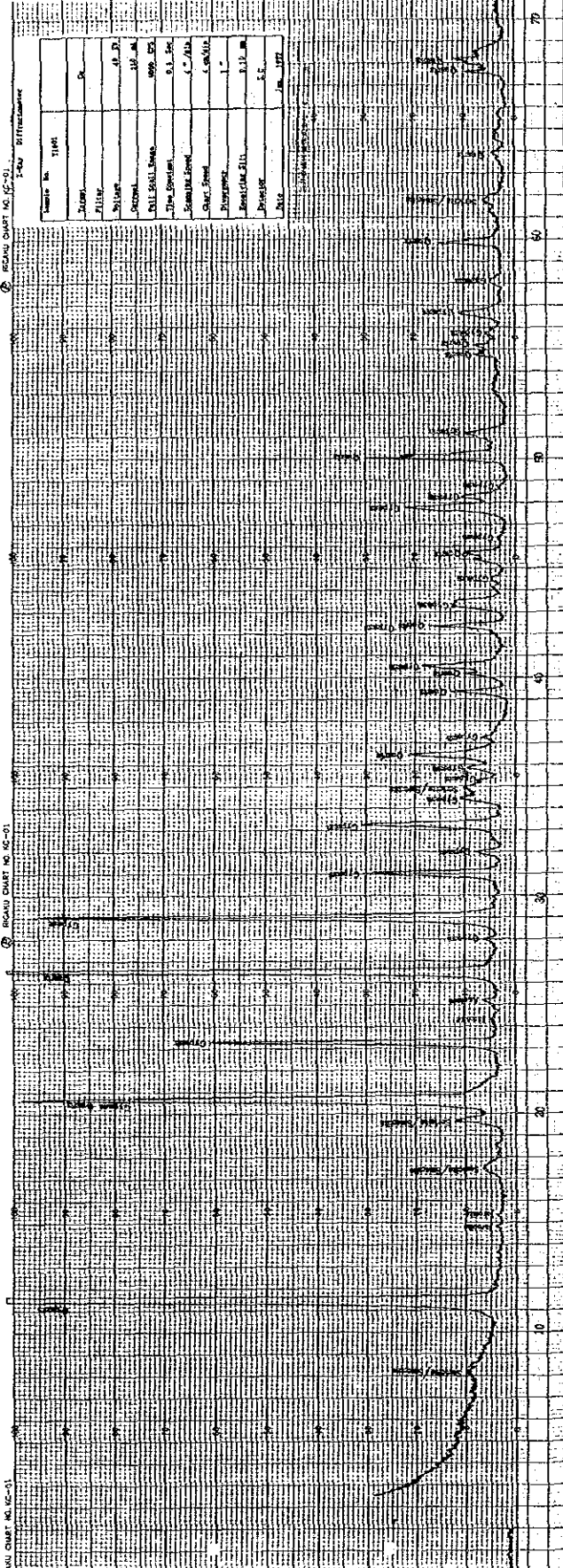


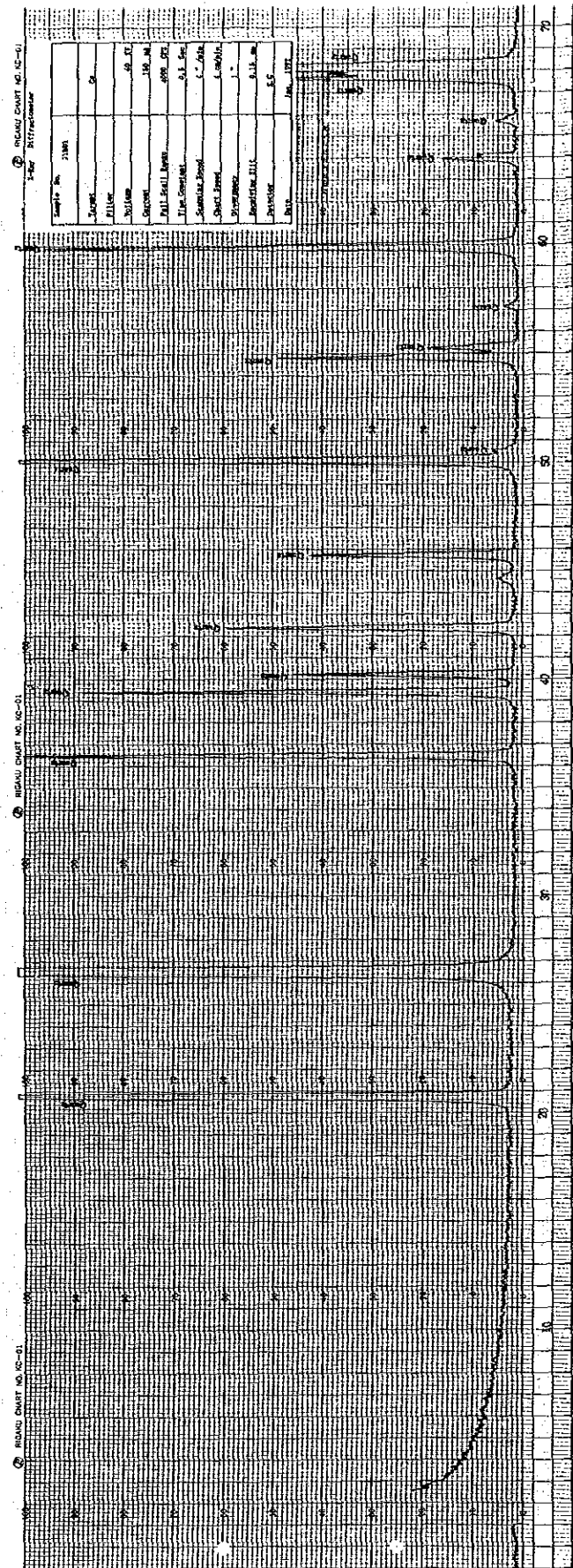
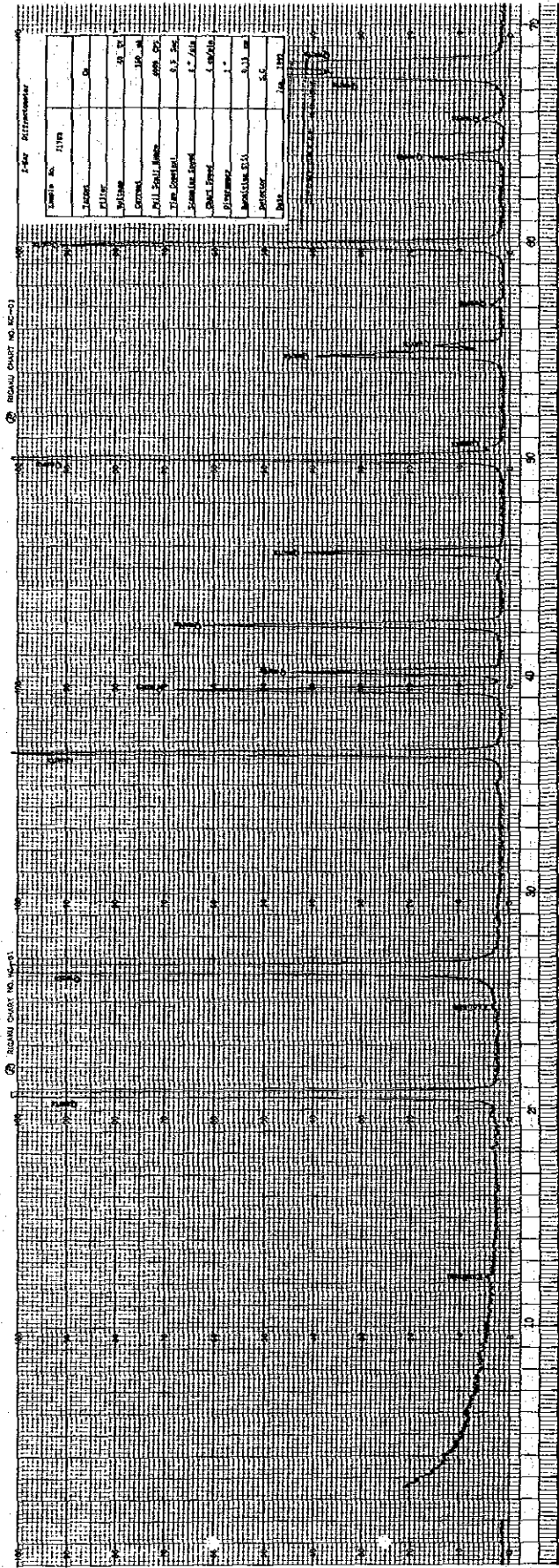


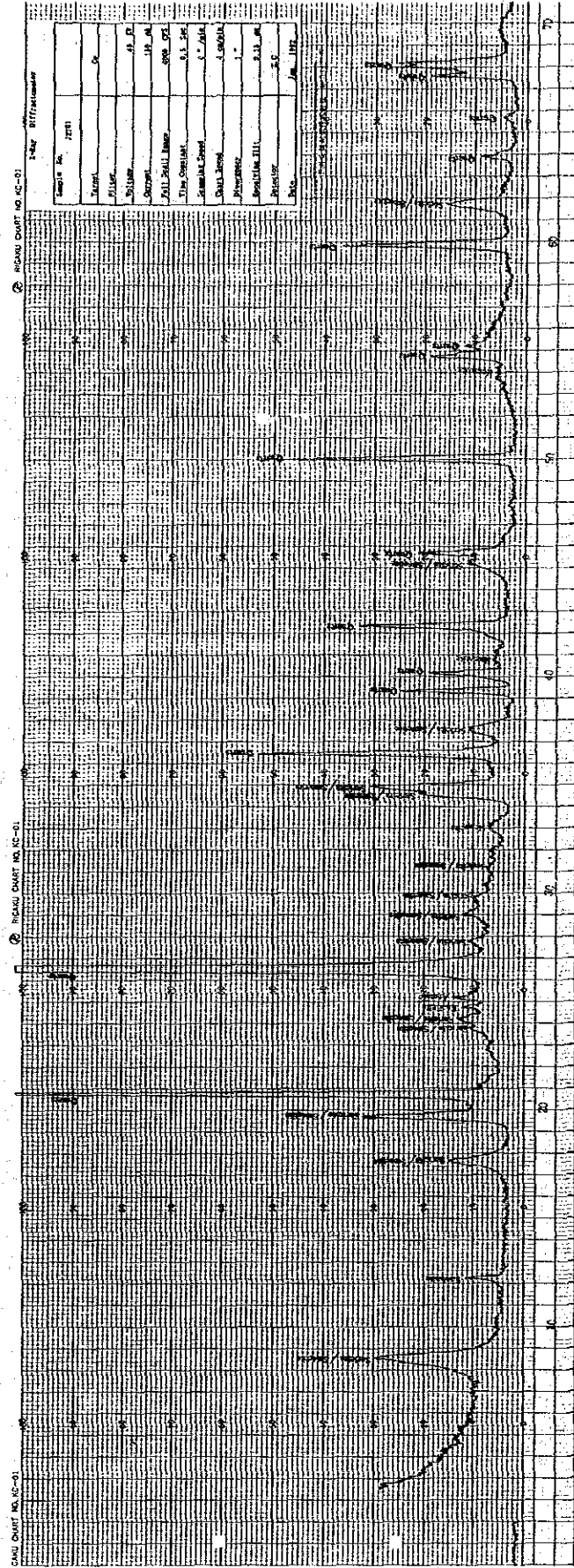
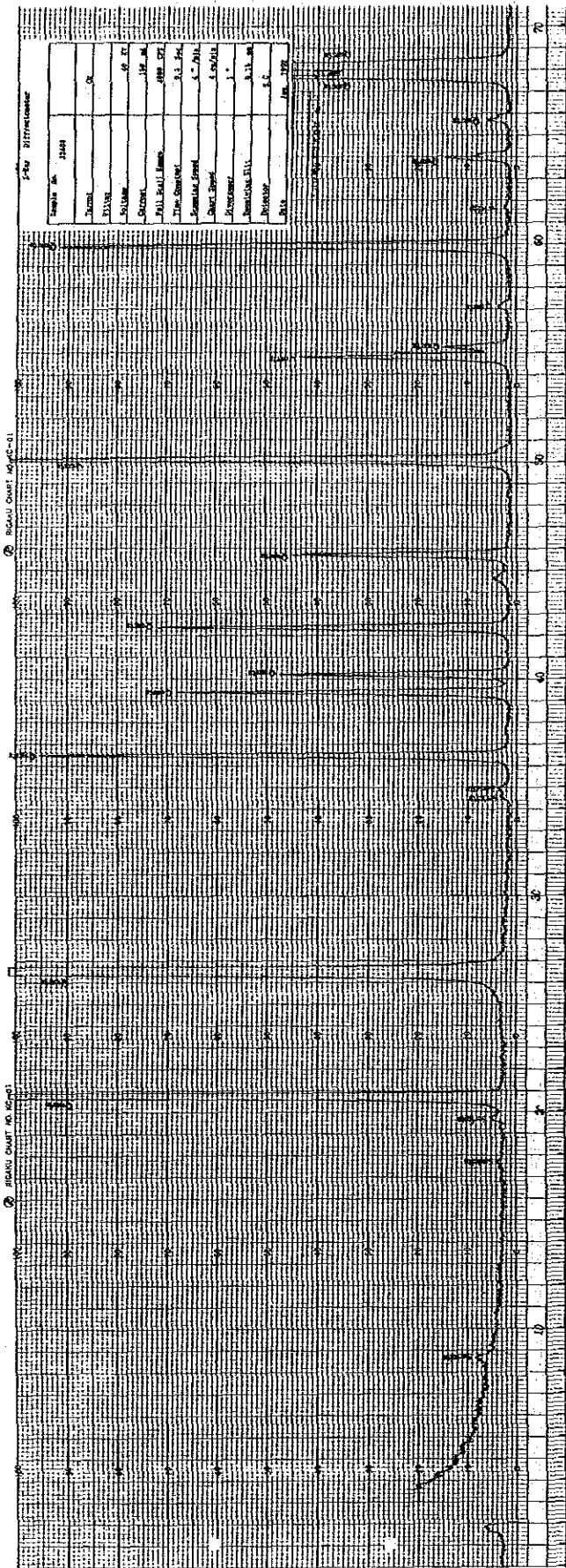


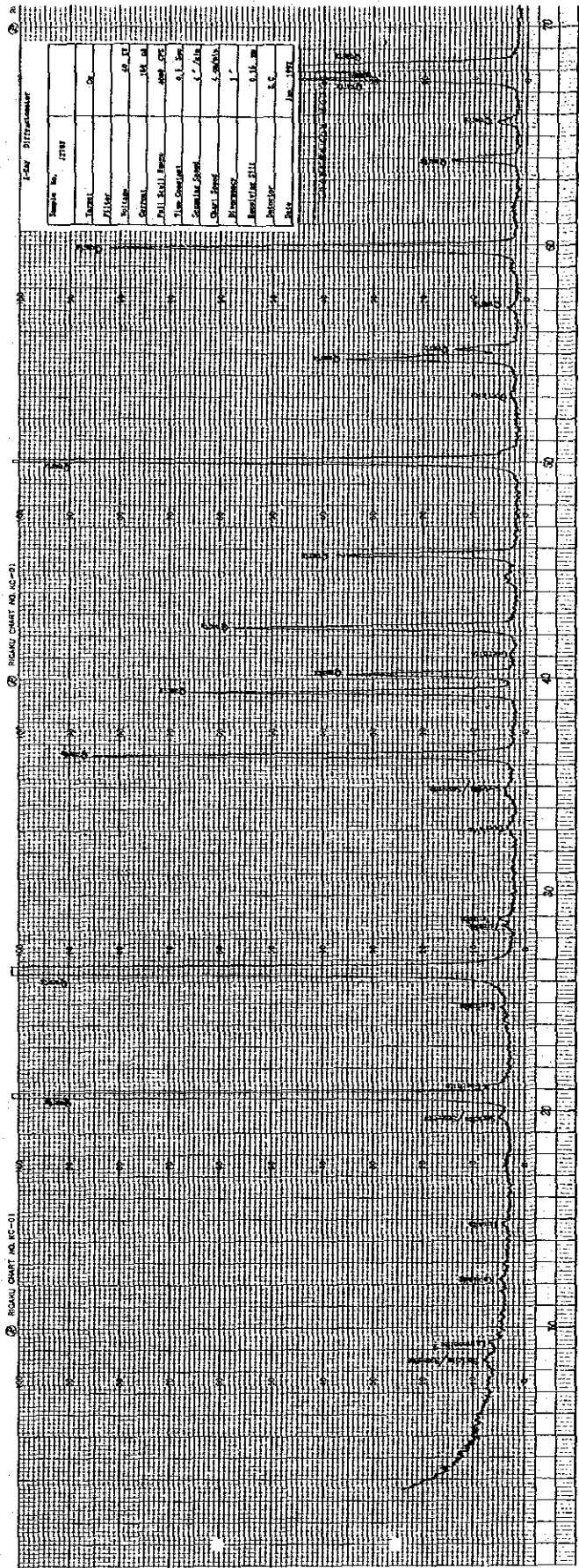














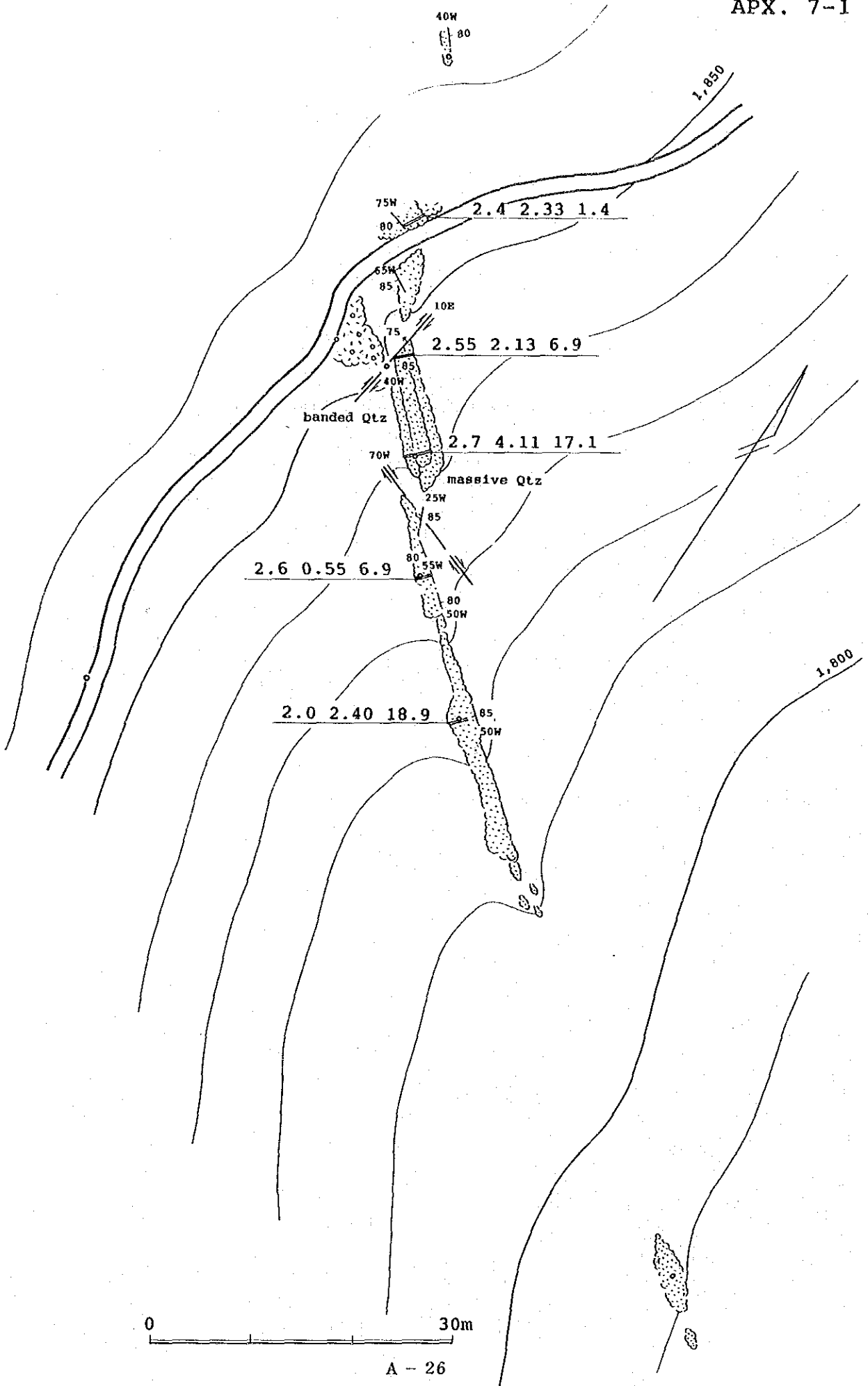


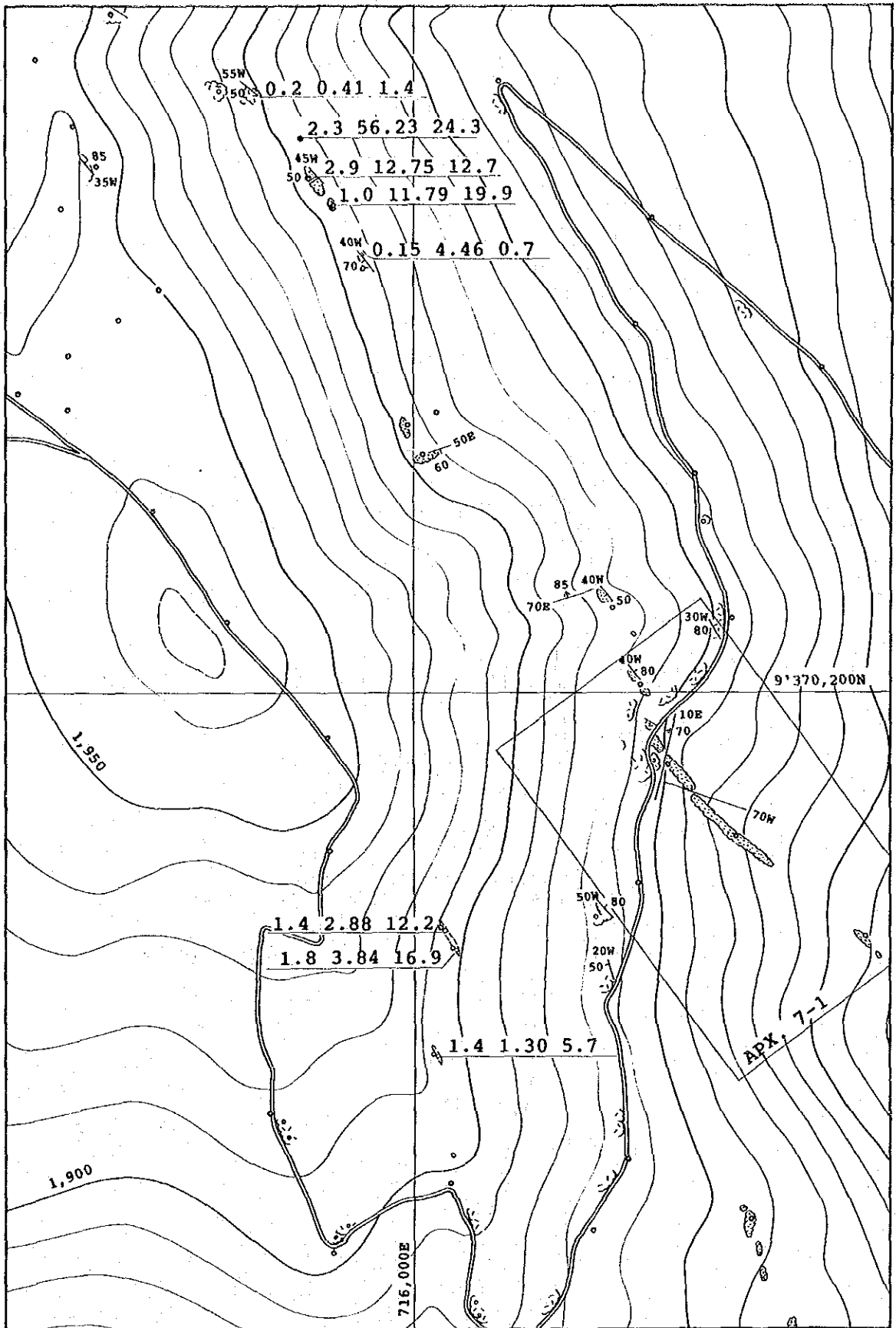
**Apx. 6 Assay Results of Ore Samples**

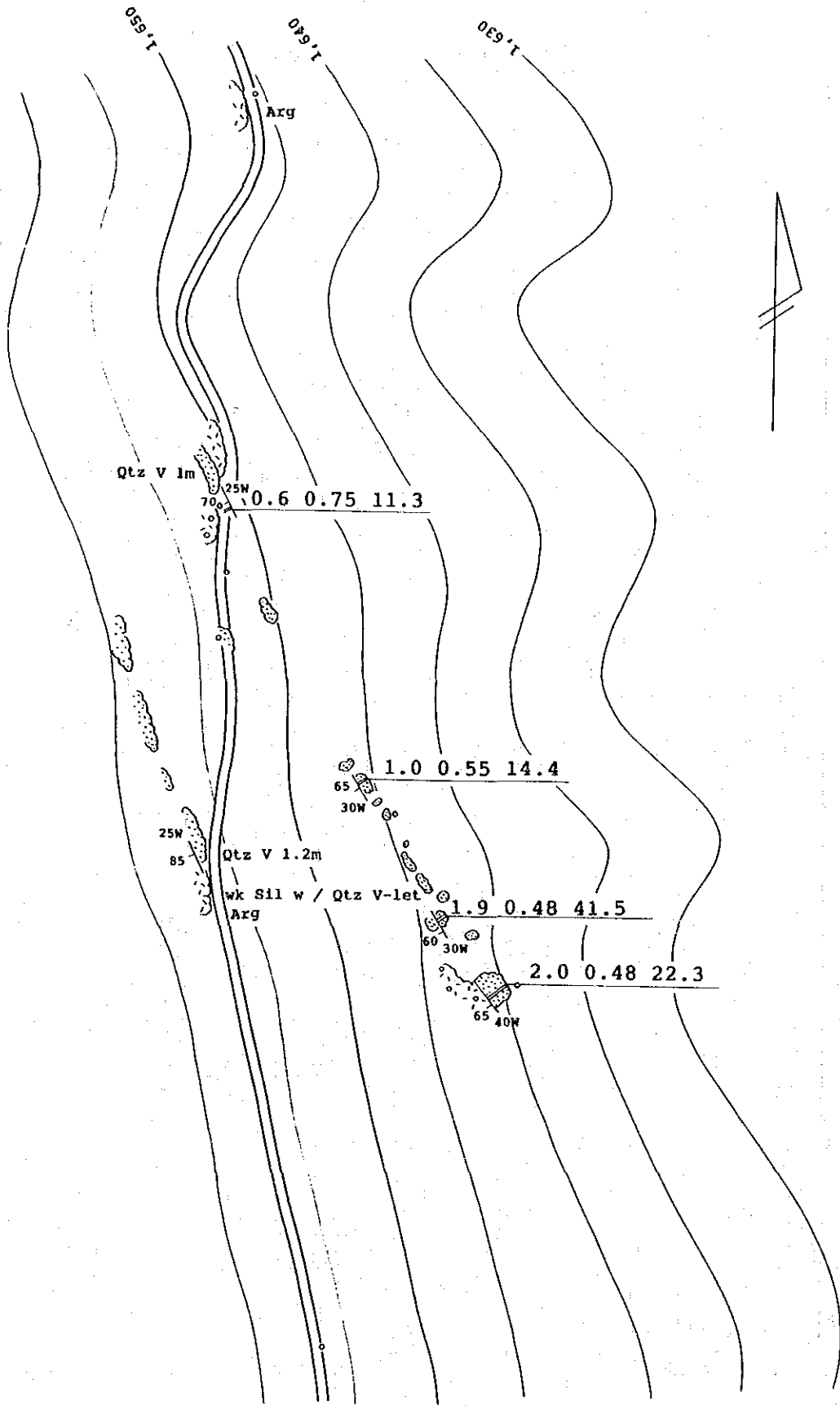
Apx. 6 Assay Results of Ore Samples

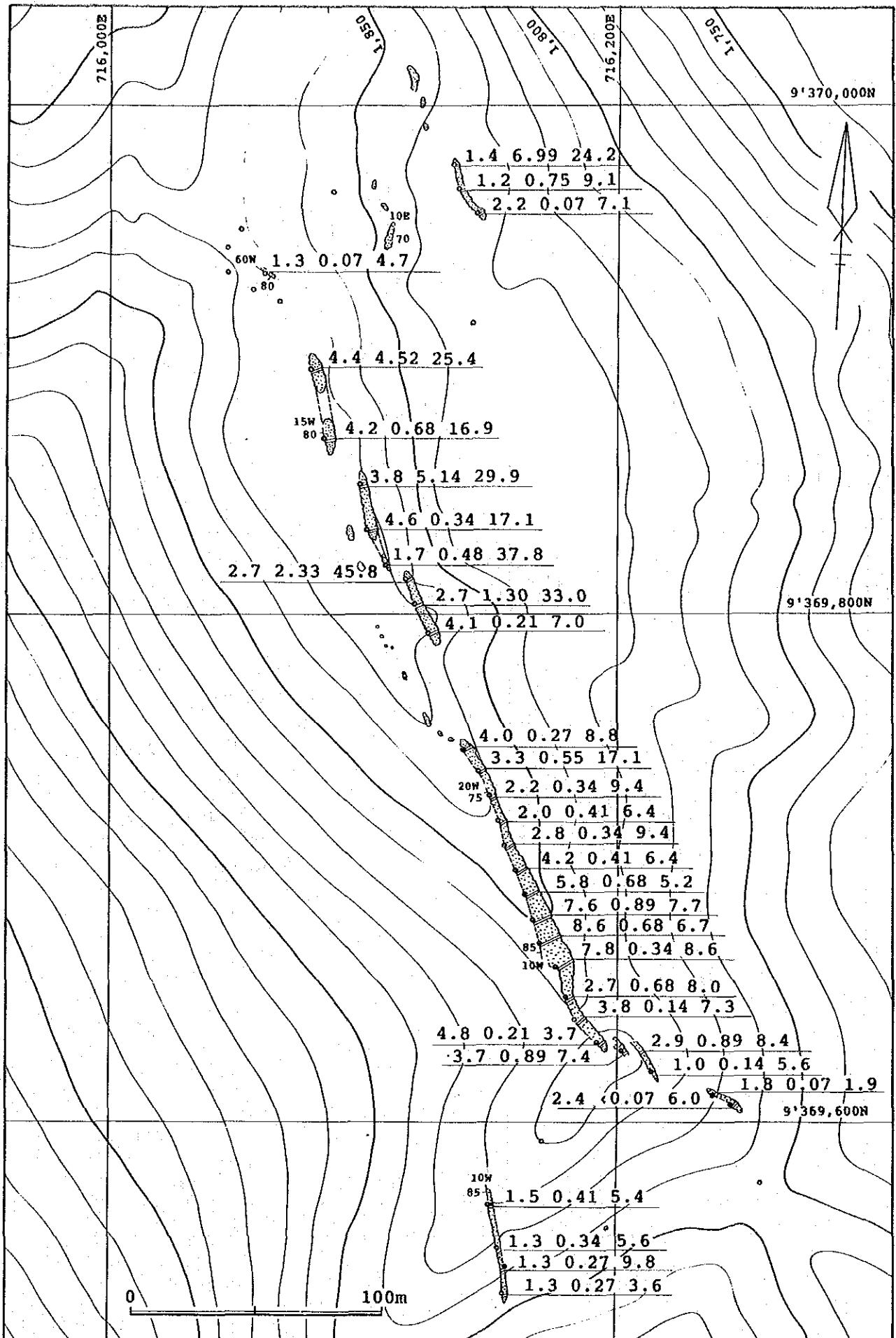
Sample Number	Vein width (m)	Au (g/t)	Ag (g/t)	Average		
				width(m)	Au(g/t)	Ag(g/t)
H 0501	1.7	0.48	6.5			
H 0502	0.6	2.81	4.8	1.15	1.09	6.1
H 0802	0.1	2.81	4.5			
H 1101	2.4	2.33	1.4			
H 1102	2.55	2.13	6.9			
H 1103	3.9	4.11	17.1			
H 1104	2.6	0.55	6.9			
H 1105	2.9	2.40	18.9	2.87	2.47	11.2
H 1501	2.9	12.75	12.7			
H 1502	1.0	11.79	19.9			
H 1503	0.15	4.46	0.7			
H 1504	2.3	50.23	24.3			
H 1505	0.2	0.41	1.4	1.31	25.20	17.3
T 1602	0.6	0.75	11.3			
T 1603	1.0	0.55	14.4			
T 1604	1.9	0.48	41.5			
T 1605	2.0	0.48	22.3	1.38	0.52	26.3
J 1701	1.4	2.88	12.2			
J 1702	1.8	3.84	16.9	1.60	3.42	14.8
J 1703	1.4	1.30	5.7			
J 1704	4.4	4.52	25.4			
J 1705	4.2	0.68	16.9	4.30	2.64	21.2
J 1801	3.8	5.14	29.9			
J 1802	4.6	0.34	17.1			
J 1803	1.7	0.48	37.8	3.15	0.38	22.7
J 1804	2.7	2.33	45.8			
J 1805	2.7	1.30	33.0			
J 1806	4.1	0.21	7.0	3.17	1.12	25.4
J 1901	4.0	0.27	8.8			
J 1902	3.3	0.55	17.1			
J 1903	2.2	0.34	5.7			
J 1904	2.0	0.41	25.6			
J 1905	2.8	0.34	9.4			
J 2201	4.2	0.41	6.4			
J 2202	5.8	0.68	5.2			
J 2203	7.6	0.89	7.7			
J 2204	8.6	0.68	6.7			
J 2205	7.2	0.34	8.6			
J 2301	2.7	0.68	8.0			
J 2302	3.8	0.14	7.3			
J 2303	4.8	0.21	3.7	4.54	0.50	8.2
J 2304	3.7	0.89	7.4			
J 2305	2.9	0.89	8.4			
J 2401	1.0	0.14	5.6	1.95	0.70	7.7
J 2402	1.8	0.07	1.9			
J 2403	2.4	< 0.07	6.0	2.10	0.05	4.2
J 2404	1.3	0.27	3.6			
J 2405	1.3	0.27	9.8			
J 2501	1.3	0.34	5.6			
J 2502	1.5	0.41	5.4	1.35	0.33	6.1
J 2701	1.3	0.07	4.7			
J 2702	2.2	0.07	7.1			
J 2703	1.2	0.75	9.1			
J 2704	1.4	6.99	24.2	1.60	2.26	12.6

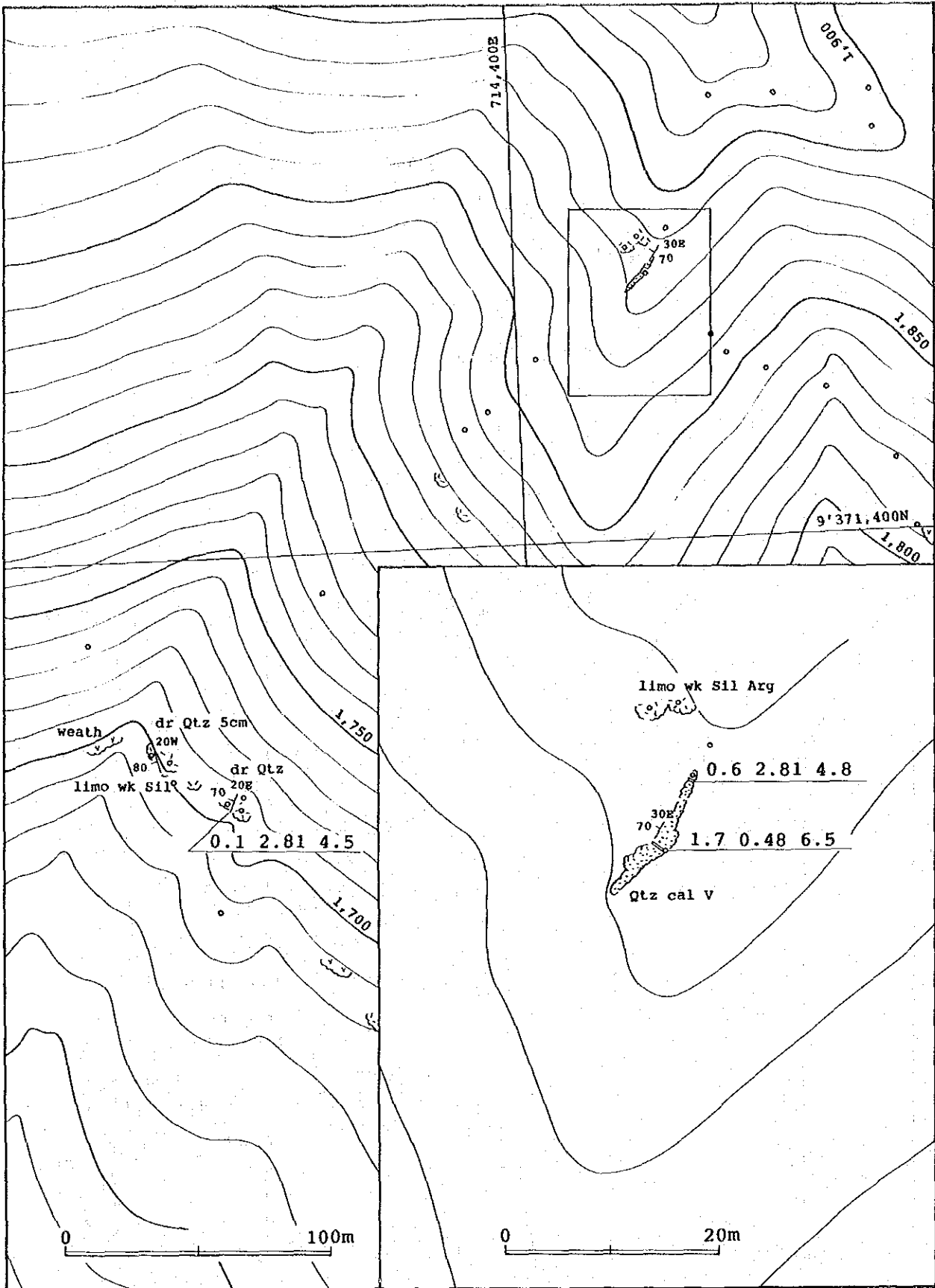
**Apx. 7 Geological Sketches of Quartz Vein**









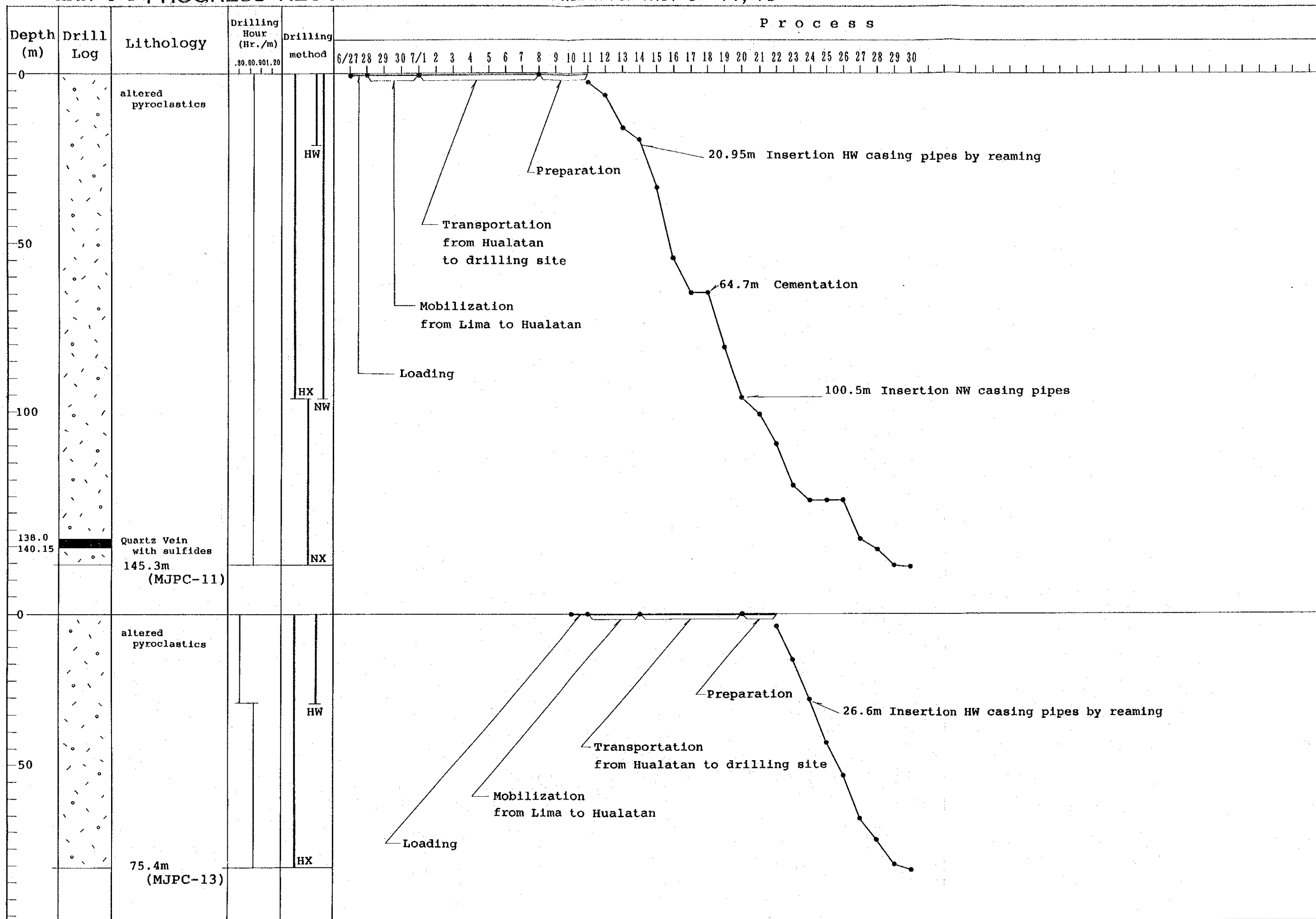




**Apx. 8    Miscellaneous Data for the Drilling Survey**



APX. 8-1 PROGRESS RECORD OF DIAMOND DRILLING MJPC - 11, 13





Apx. 8-2 List of the Used Equipment

Item	Model	Quantity	Capacity, Type and Specification
Drilling Machine	L-44	2	Capacity NQ: 790m BQ: 1,060m Inner Diameter of spindle: 98mm
Engine for Drill	GMG	2	Diesel Engine 2,200rpm / 60~102ps
Pump	BEAM	4	Piston $\phi$ 68mm Capacity 18~137 liter/min. Pressure 46kg/min.
Engine for Pump	BOCH	4	Diesel Engine 2,200rpm / 35ps
Generator	BRIGG-STRATON	4	5kVA 220v
Mud Mixer	SRENKA	2	Volume 100 liter 800~1,000rpm/min.
Derrick	LONGYEAR	2	
Rod Holder	LONGYEAR	2	
Drill Rods	NC-WL	60	3.00 m/pc
	NX-WL	49	3.00 m/pc
	BX-WL	—	3.00 m/pc
Casing Pipes	HW	32	1.50 m/pc
	NW	34	3.00 m/pc
	BW	—	3.00 m/pc
Core Tube Assembly	NC-WL	4	1.50 m
	NX-WL	4	1.50 m
	BX-WL	—	1.50 m
Inner Tube Assembly	NC-WL	6	1.50 m
	NX-WL	6	1.50 m
	BX-WL	—	1.50 m

Apx. 8-3 Articles of Consumption and Drilling Parts

Item	Specification	Unit	MJPC-11	MJPC-13	Total
Light Oil		liter	1,600	880	2,480
Gasolin Oil		"	1,590	280	1,870
Hydraulic Oil		"	80		80
Drilling Oil		"	100	110	210
Grease		kg	35	25	60
Mobil Oil		liter			
Bentonite	40kg/bag	bag	61	38	99
CMC		kg	50	30	80
Cement	47kg/bag	bag	4	3	7
Single Core Tube	116mm×0.5m	Set			
Wireline Core Barrel	NC×1.7m	"	1	1	2
"	NX×1.7m	"	1	—	1
"	BX×1.7m	"	—	—	—
Inner Tube Assembly	NC×1.7m	"	1	1	2
"	NX×1.7m	"	1	—	1
"	BX×1.7m	"	—	—	—
Outer Tube	NC×1.5m	"	1	1	2
"	NX×1.5m	"	1	—	1
"	BX×1.5m	"	—	—	—
Inner Tube	NC×1.5m	"	1	1	2
"	NX×1.5m	"	1	—	1
"	BX×1.5m	"	—	—	—
Casing Diamond Shoe	HW(114.3m/m)	PC	2	3	5
"	NW	"	1	—	1
Wire Rope	6mm×500m	roll	1	1	2
"	12mm×90m	"	1	1	2
"	18mm×100m	"	1	1	2
Manila Rope		PC	1	1	2
Pump Packing		"	—	—	—
Piston Rod		"	—	—	—
Guide Pipe	NC	"	—	—	—
"	NX	"	—	—	—
Valve Steel Ball	38.1φ	"	—	—	—
Guide Coupling	NC	"	—	—	—
"	NX	"	—	—	—
Suction Hose		"	1	1	2
Water Swivel Packing		"	—	—	—
Water Swivel Spindle		"	—	—	—
V Belt		"	—	—	—
Core Lifter	NC	"	3	2	5
"	NX	"	1	—	1
Core Lifter Case	NC	"	2	1	3
"	NX	"	—	—	—
Core Box	NC	"	26	20	46
"	NX	"	11	—	11
"	BX	"	—	—	—

Apx. 8-4 Drilling Meterage of Diamond Bits

Size	Type	Bit No.	Drilling meterage by drill hole. Unite meter				Total
			MJPC-11	MJPC-13			
NC	NC-WL	66087	23.90	13.75			37.65
NC	NC-WL	66088	40.80				40.80
NC	NC-WL	66089	35.80				35.80
NC	NC-WL	66090		46.45			46.45
NC	NC-WL	66091		15.20			15.20
Total			100.50	75.40			175.90
NX	NX-WL	66144	44.80				44.80
G. Total			145.30	75.40			220.70





**Apx. 9 Geological Core Log of the Drillings.**

MJPC- 11

DIRECTION : 42°  
 INCLINATION: -50°

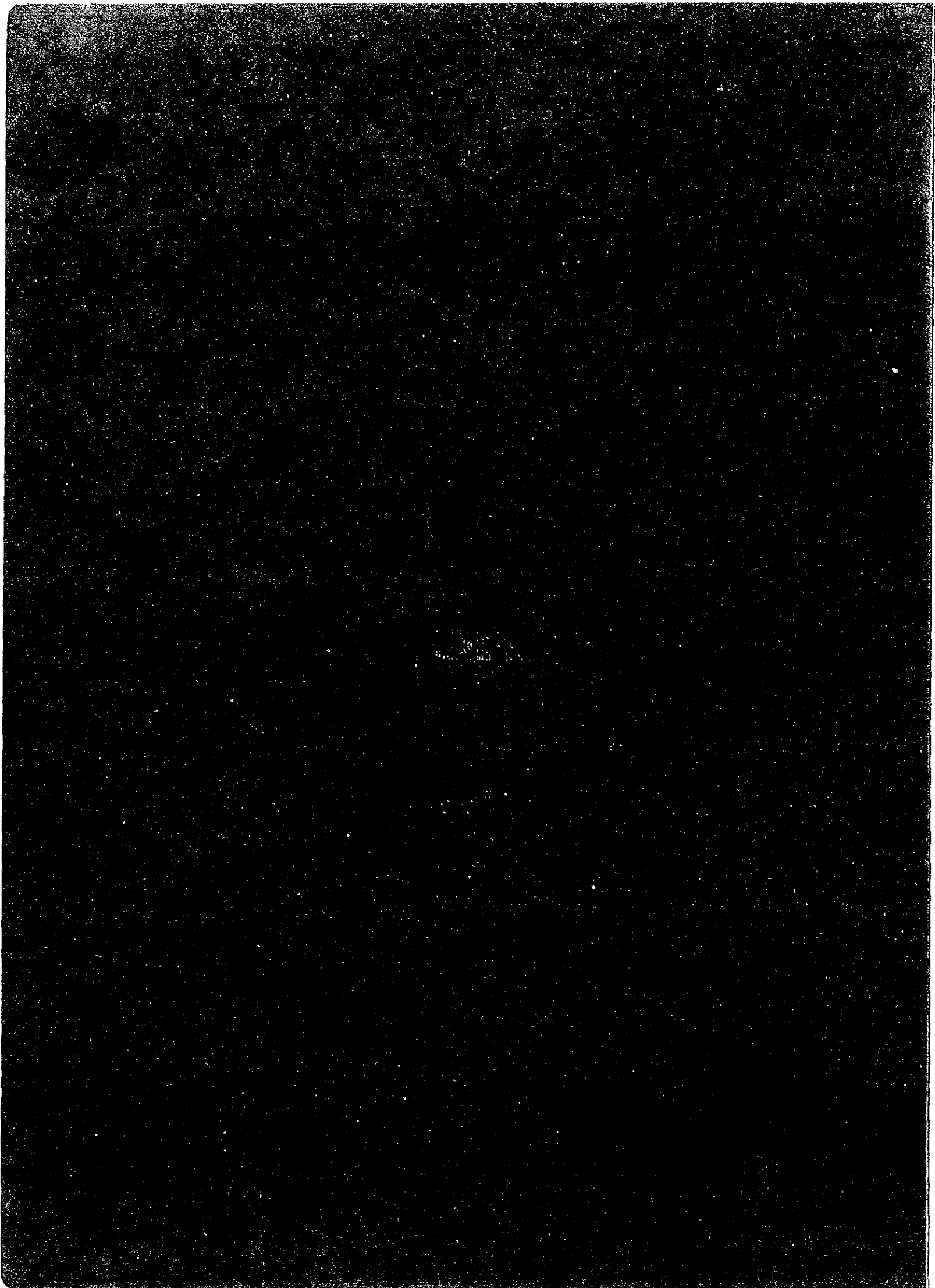
Depth	Column	Interval	Description	Alteration					Mineralization					Assay		Sample Number
				Fr	Sil	Arg	Chl	Others	Py	Cp	Teb	Sp	Gn	Others	Alt	
			weathered limonitized lp if partly fractured	- (+)		+ (+)										
		23.9	fractured Arg Sil lp if	+	-	+										
50		54.45	fractured Sil lp if	++	+	-										
		60.3	Arg Sil lp if	+	- (+)	+										
		74.95														
		80.85	fractured	++												
		91.15	Sil lp if													
100		109.35	fractured Arg Sil lp if	++	-	+										
		117.4	Sil lp if	- (+)	+	+										
		138.0	Quartz vein w/sulphide		+					+	-	-				
		140.15														
		145.3	Sil lp if 145.3(FIN)	+	+	-										
150																

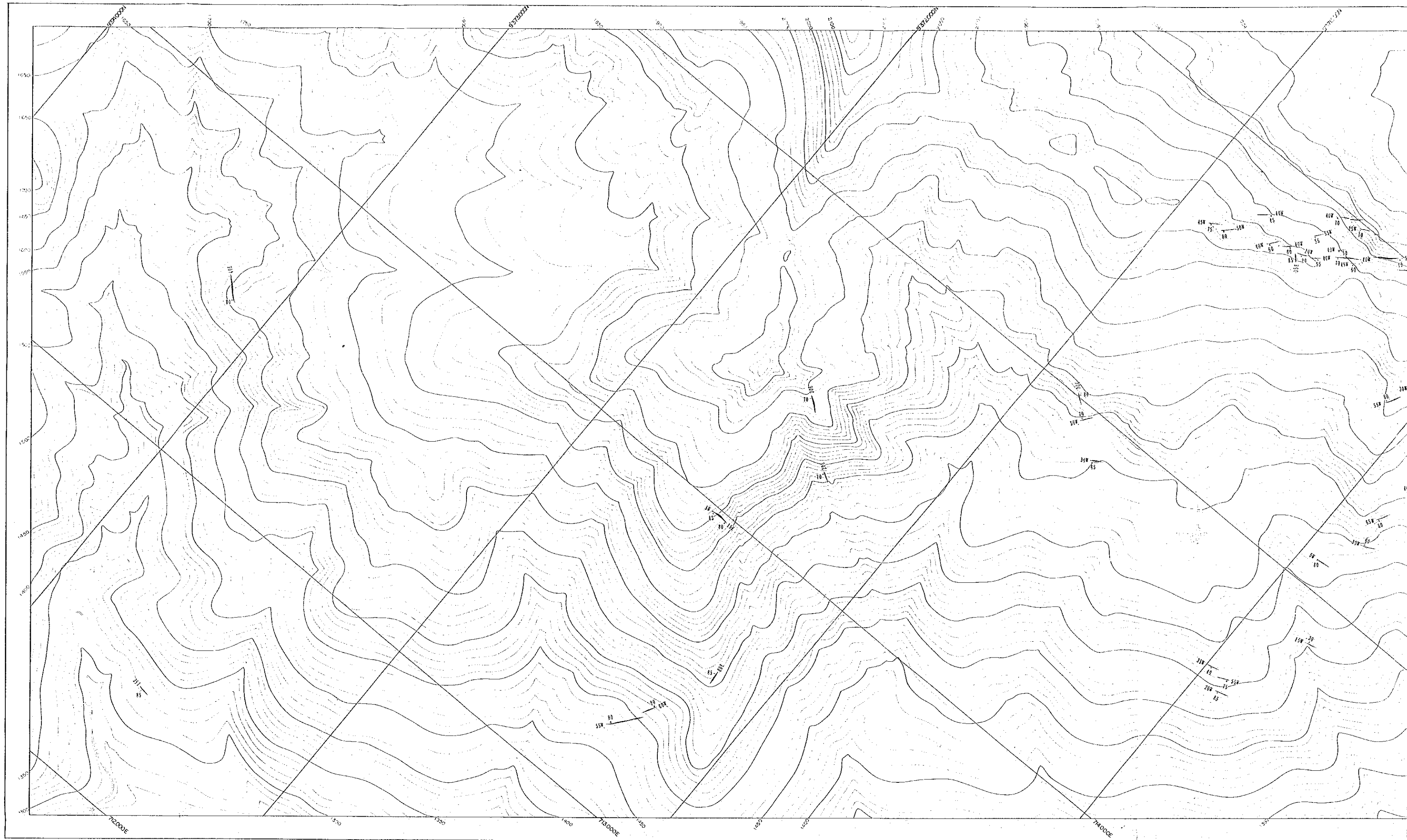


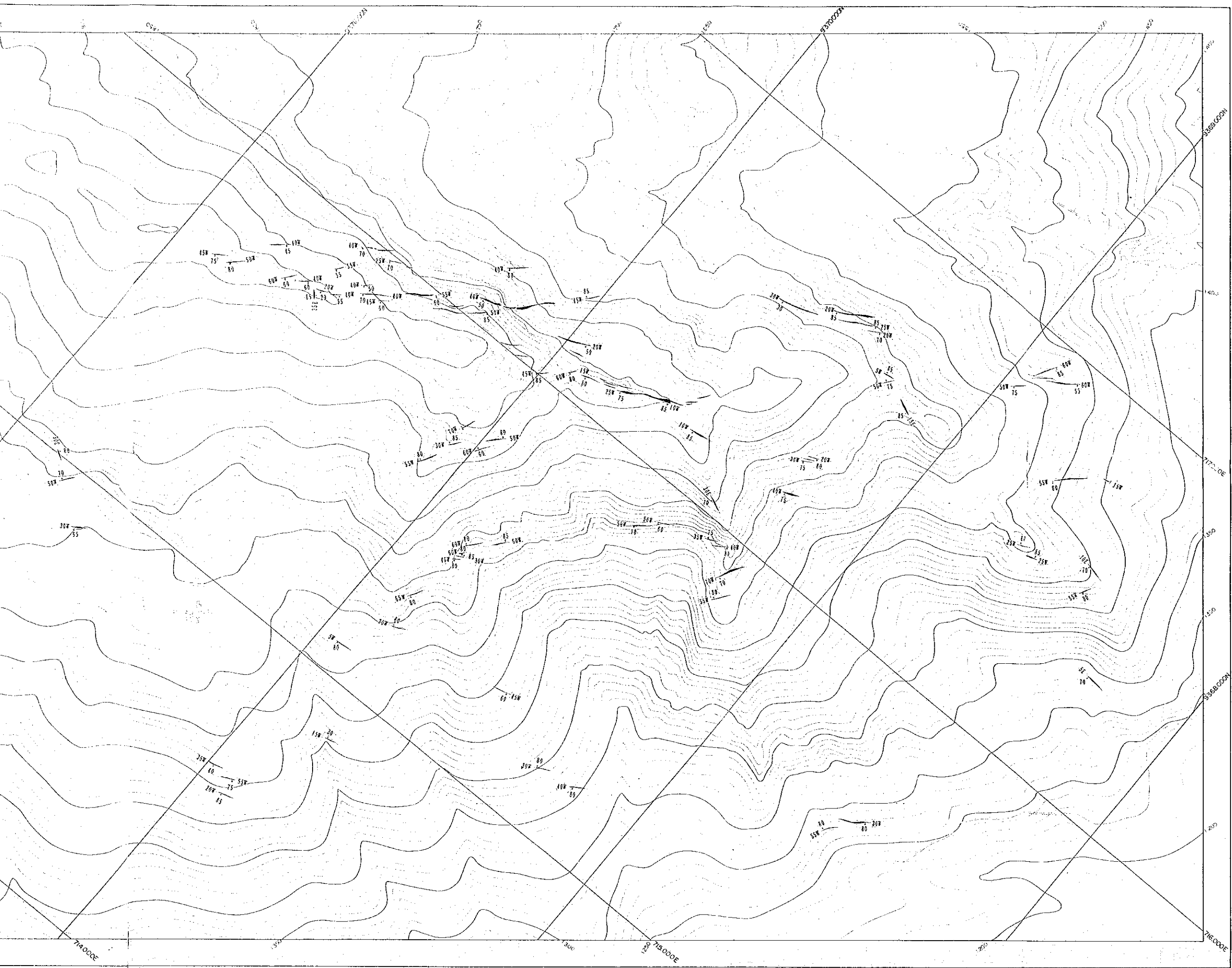
# MJPC- 13

DIRECTION : 271°  
 INCLINATION: -30°

Depth	Column	Interval	Description	Alteration					Mineralization					Assay		Sample Number	
				Pr	Sil	Arg	Chl	Others	Py	Cp	Feb	Sp	Gn	Others	Am		Ag
50	[Patterned]		weathered limonitized lp tf partly fractured	-	(-)	+											
				+													
		53.2	weathered lp tf														
		66.45	Silicified lp tf	-	+	-											
		75.4	75.4(FIN)														



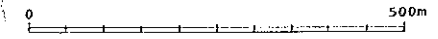




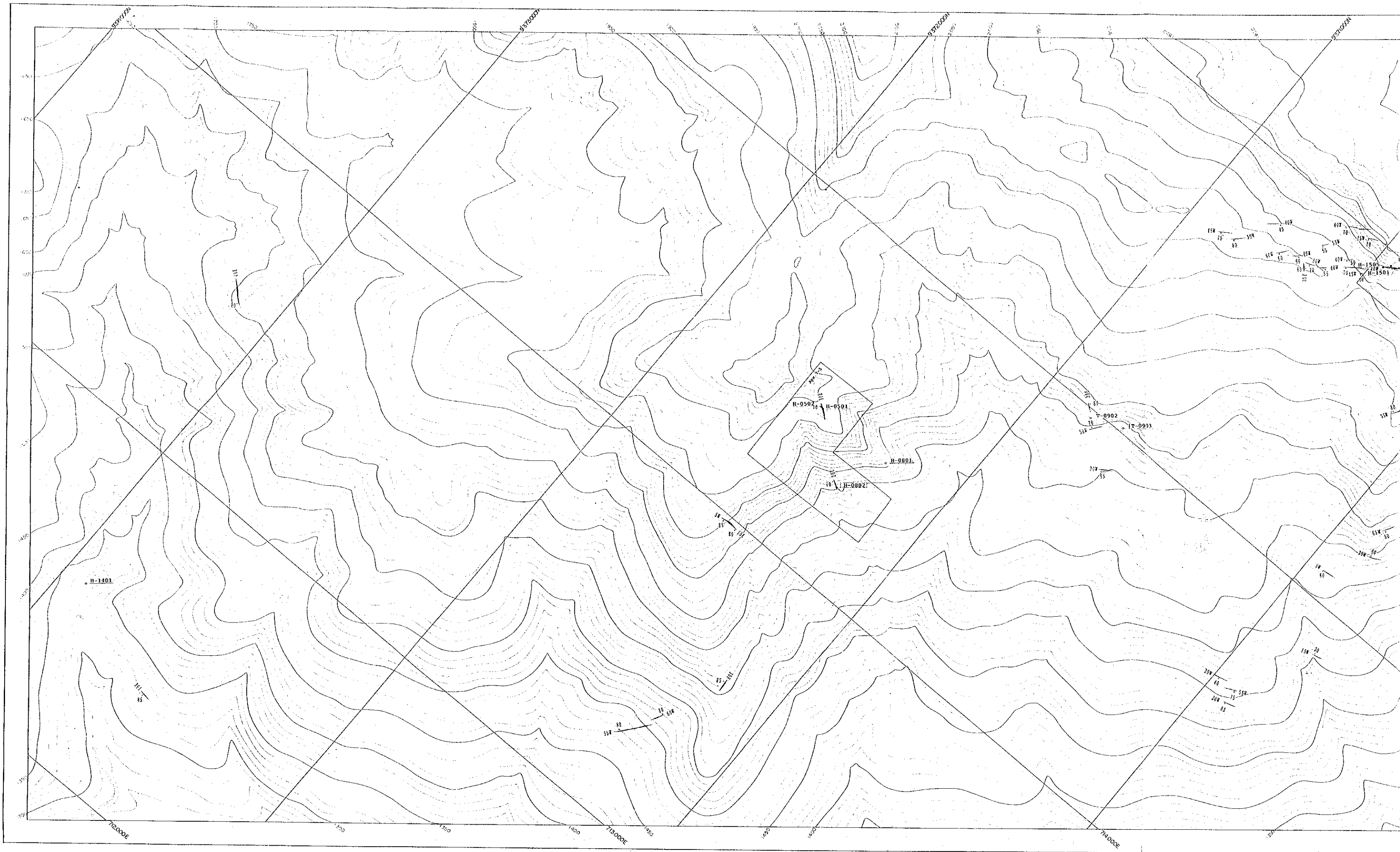
PL. - 1

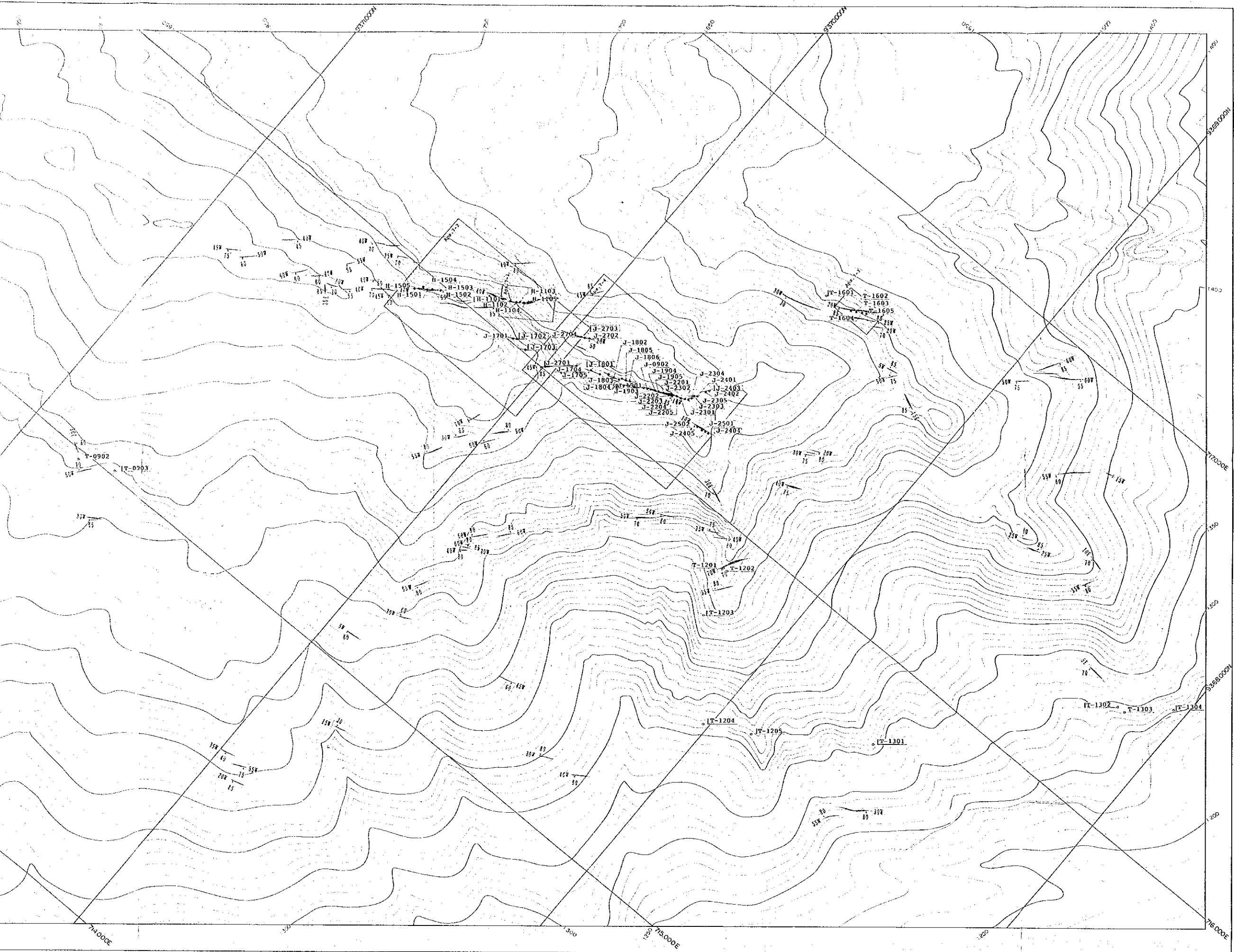
THE MINERAL EXPLORATION  
IN  
THE PACHAPIRIANA AREA, REPUBLIC OF PERU  
( PHASE IV )  
DISTRIBUTION OF QUARTZ VEIN  
IN THE CHONTALI AREA

JAPAN INTERNATIONAL COOPERATION AGENCY  
METAL MINING AGENCY OF JAPAN  
JANUARY 1992  
prepared by MINDECO



- Quartz Vein
- Dip and Strike of Quartz Vein





PL. - 2

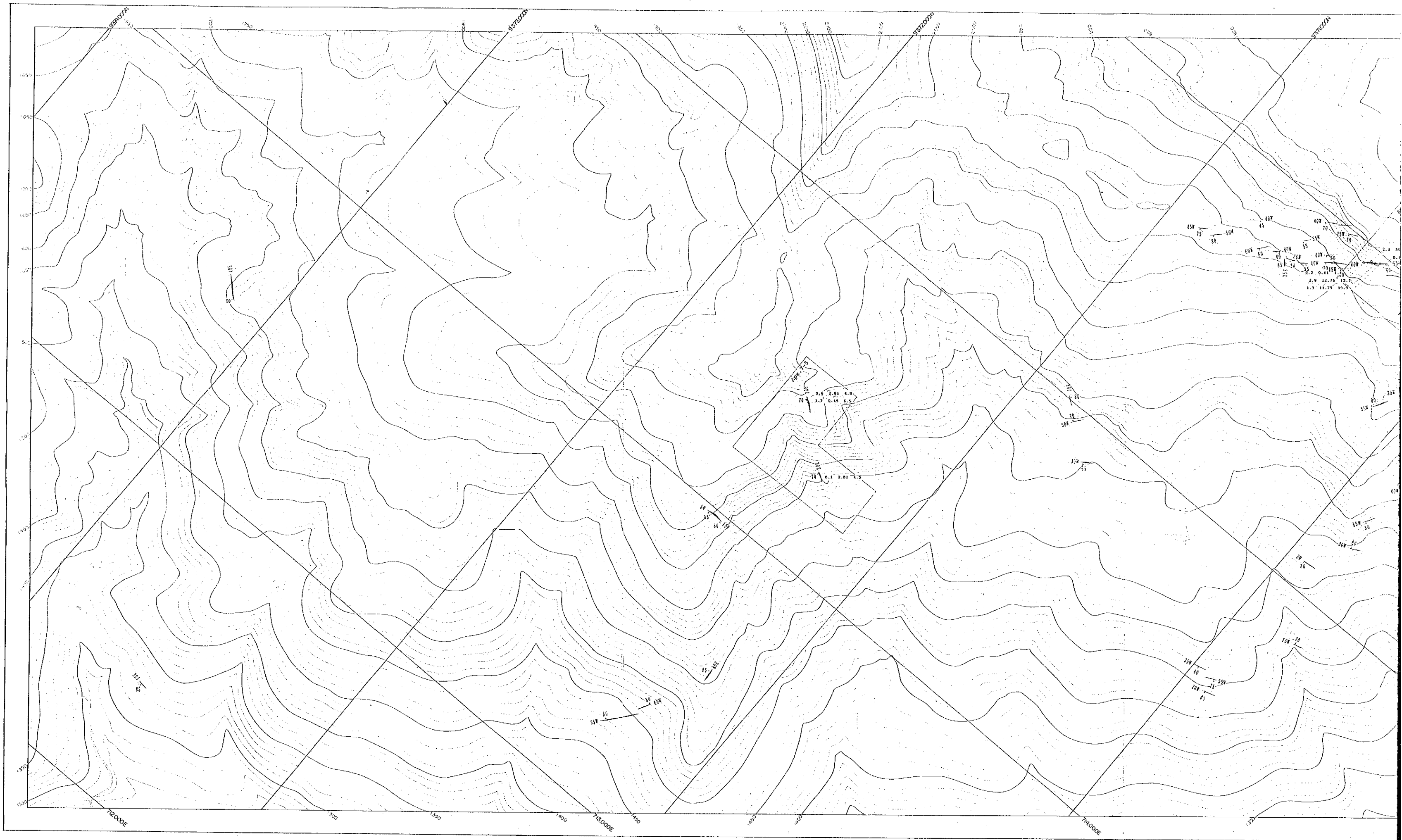
THE MINERAL EXPLORATION  
IN  
THE PACHAPIRIANA AREA, REPUBLIC OF PERU  
(PHASE IV)  
LOCATION MAP OF SAMPLES  
IN THE CHONTALI AREA

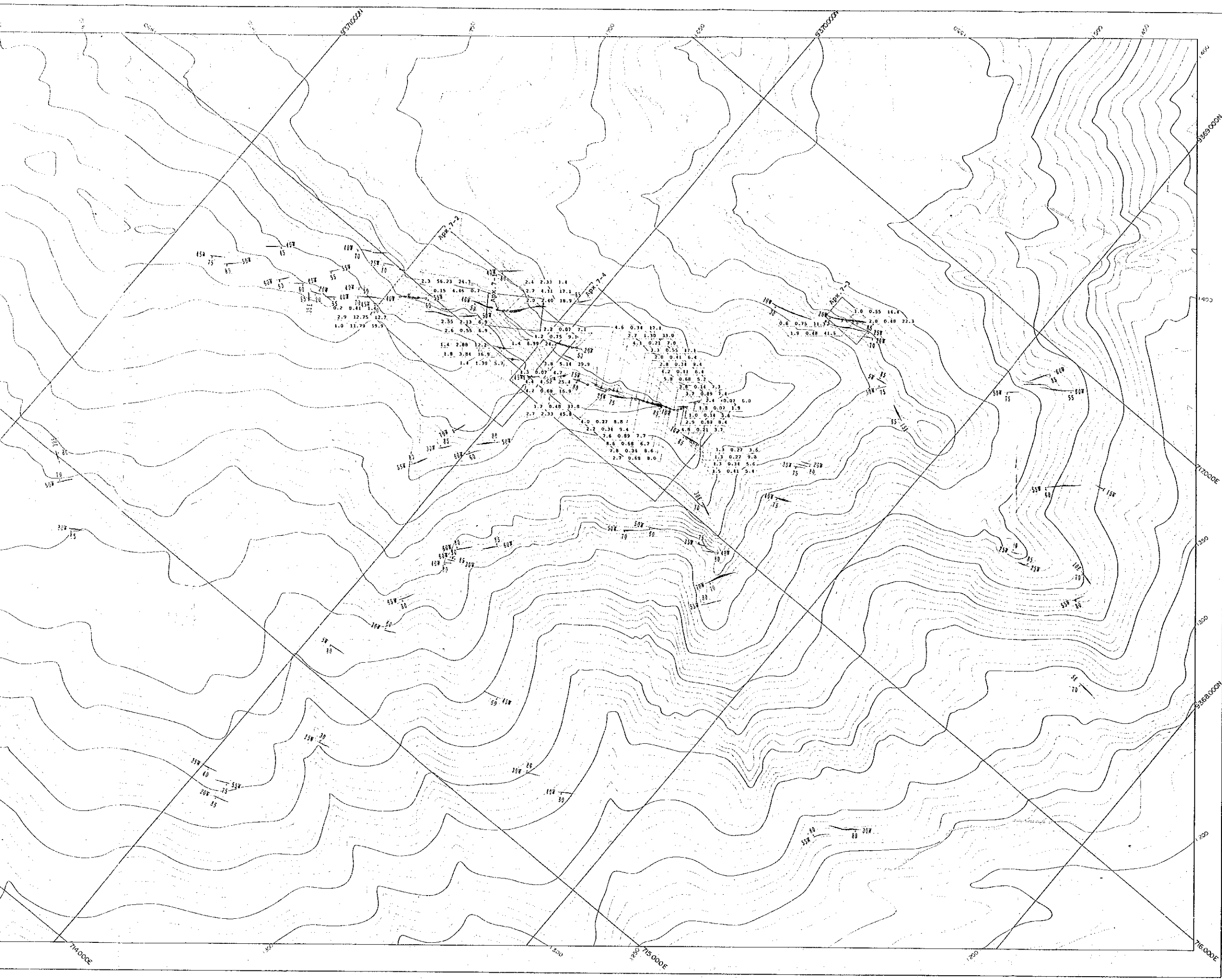
JAPAN INTERNATIONAL COOPERATION AGENCY  
METAL MINING AGENCY OF JAPAN  
JANUARY 1992  
prepared by MINDECO



- T-1202 Sample Location and it's Number
- T-1605 Sample of Chemical Analysis for Ore Grade
- H-0801 Sample of Thin Section
- T-1205 Sample of X-Ray Diffractive Analysis
- H-0802 Sample of Homogenization Temperature



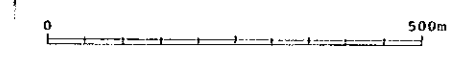




PL. - 3

THE MINERAL EXPLORATION  
IN  
THE PACHAPIRIANA AREA, REPUBLIC OF PERU  
( PHASE IV )  
LOCATION MAP OF ORE SAMPLES  
WITH SHOWING ASSAY RESULTS  
IN THE CHONTALI AREA

JAPAN INTERNATIONAL COOPERATION AGENCY  
METAL MINING AGENCY OF JAPAN  
JANUARY 1992  
prepared by MINDECO



• 4.4 4.52 25.4  
Sample Length (m), Au(g/t), Ag(g/t)

