

Depth		Description	Alteration						Assay Results								
			Quartz	Biotite	K-feldspar	Sericite	Kaoline	Chlorite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn	Mo
60	+	Bluish gray Granodiorite	3			2		3	2	50.0	200	Tr	0.4	1390	13	16	30
	+		3			2		3	2	52.0	200	Tr	Tr	829	11	52	78
	+		3			2		3	2	54.0	200	Tr	Tr	219	10	39	<1
	+		3			2		3	2	56.0	200	Tr	Tr	1312	11	39	883
	+		3			2		3	2	58.0	200	Tr	1.0	4476	11	22	130
70	+	Bluish gray Granodiorite	3			2		3	2	60.0	200	Tr	Tr	2177	11	15	63
	+		3			2		3	2	62.0	200	Tr	Tr	2679	10	12	24
	+		3			2		3	2	64.0	200	Tr	0.7	2036	14	4	19
	+		3		2	2		3	2	66.0	200	Tr	Tr	854	15	4	23
	+		3			2		3	2	68.0	200	Tr	Tr	954	13	39	37
80	+	Bluish gray Granodiorite	4			2		3	3	70.0	200	Tr	Tr	628	10	47	25
	+		4		1	2		3	3	72.0	200	Tr	Tr	459	6	24	15
	+		4			2		3	3	74.0	200	Tr	Tr	409	11	30	66
	+		3			2		3	3	76.0	200	Tr	Tr	1491	13	24	63
	+		3		1	2		3	3	78.0	200	Tr	Tr	721	12	18	88
90	+	Bluish gray Granodiorite	3			2		3	3	80.0	200	Tr	Tr	1307	8	12	41
	+		4			2		3	3	82.0	200	Tr	1.4	1238	12	9	53
	+		4		1	2		3	3	84.0	200	Tr	Tr	1091	7	84	101
	+		4			2		3	3	86.0	200	Tr	Tr	1649	20	29	99
	+		4			2		3	3	88.0	200	Tr	Tr	817	14	13	17
100	+	Bluish gray Granodiorite	4		2	2		3	3	90.0	200	Tr	Tr	1549	13	14	32
	+		4			2		3	3	92.0	200	Tr	1.2	1122	15	11	88
	+		4			2		3	3	94.0	200	Tr	Tr	2306	7	8	93
	+		4		2	2		3	3	96.0	200	Tr	Tr	2270	7	15	32
	+		4			2		3	3	98.0	200	Tr	Tr	2530	15	20	187

Depth		Description	Alteration					Assay Results									
			Quartz	Biotite	K-feldspar	Sericite	Kaoline	Chlorite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn	Mo
			m	cm	g/t	g/t	ppm	ppm	ppm	ppm							
110	+	Lt-bluish-green Granodiorite	4			2		3	3	100.0	200	Tr	Tr	1287	8	12	49
	+		4		1	2		3	3	102.0	200	Tr	Tr	1650	10	12	44
	+		4			2		3	3	104.0	200	Tr	Tr	1884	7	7	59
	+		4			2		3	3	106.0	200	Tr	0.7	915	7	10	12
	+		4		1	2		3	3	108.0	200	Tr	1.5	2449	12	5	114
120	L	110.00 Pale green Q-Porphyry	4			2		3	3	110.0	200	Tr	1.2	2419	18	8	101
	L		4			2		3	3	112.0	200	Tr	Tr	1571	12	22	89
	L		4			2		3	3	114.0	200	Tr	Tr	1691	7	10	129
	L		4			2		3	3	116.0	200	Tr	1.2	2368	5	11	137
	L		4			2		3	3	118.0	200	Tr	0.9	2058	5	11	61
130	L	Pale green Q-Porphyry	4			2		3	3	120.0	200	Tr	Tr	2172	7	5	25
	L		4			2		3	3	122.0	200	Tr	Tr	1214	12	13	24
	L		4			2		3	3	124.0	200	Tr	Tr	847	10	13	27
	L		4			2		2	2	126.0	200	Tr	0.9	1780	10	25	42
	L		4			2		2	2	128.0	200	Tr	Tr	1084	5	10	13
140	L	Pale green Q-Porphyry	4			2		2	2	130.0	200	Tr	Tr	845	14	15	66
	L		4			2		1	1	132.0	200	Tr	Tr	606	12	15	55
	L		4			2		1	1	134.0	200	Tr	Tr	2066	18	15	65
	+	135.00 Lt-greenish- gray Granodiorite strong sil.	4			2		1	1	136.0	200	Tr	Tr	1317	8	11	58
	+		4			2		1	1	138.0	200	Tr	0.6	3444	10	12	46
150	+	Lt-greenish- gray Granodiorite	4			2		1	1	140.0	200	Tr	Tr	2029	13	10	96
	+		4			2		1	1	142.0	200	Tr	Tr	776	17	18	31
	L	144.00 Greenish gray Q-Porphyry	4			2		1	1	144.0	200	Tr	Tr	1096	9	12	38
	L		4			2		1	1	146.0	200	Tr	Tr	1424	8	12	36
	L		4			2		1	1	148.0	200	Tr	Tr	930	7	8	313
150	L	150.50	4			2		1	1								

Depth		Description	Alteration						Assay Results							
			Quartz	Biotite	K-feldspar	Sericite	Kaolinite	Chlorite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn
								m	cm	g/t	g/t	ppm	ppm	ppm	ppm	
10	+	3.00 Greenish gray Granodiorite	3			2		3	2							
	+	Py>>Cp film	3			2		3	2							
	+		3			2		3	2							
	+		3			2		3	2							
	+		3			2		3	2							
20	+	Greenish gray Granodiorite	3			2		3	2							
	+	Py v-let Mo film	3			2		3	2							
	+	Py>Cp diss	3			2		3	2							
	+		3			2		3	2							
	+		3			2		3	2							
30	+	Gray Granodiorite	3			2		3	2							
	+		3			2		3	2							
	+		3			2		3	2							
	+		3			2		3	2							
	+		3			2		3	2							
40	+	Whitish gray Granodiorite	3			2		3	2							
	+	Py>Cp diss	3			2		3	2							
	+		3			2		3	2							
	+		3			2		3	2							
	+		3			2		3	2							
50	+	Whitish gray Granodiorite	3			2		3	2							
	+		3			2		4	2							
	+	Cp>Py film	5			2		2	1							
	+	Py>Cp diss	3			2		2	1							
	+		3			2		4	2							

Depth		Description	Alteration						Assay Results							
			Quartz	Biotite	K-feldspar	Sericite	Kaoline	Chlorite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn
								m	cm	g/t	g/t	ppm	ppm	ppm	ppm	
60	+	Grayish green Granodiorite	3			2		4	2							
	+	Py>Cp diss	3			2		4	2							
	+		3			2		4	2							
	+		3			2		4	2							
	+		3			2		4	2							
70	+	Dark green Granodiorite	3			2		4	2							
	+		3			2		4	2							
	+	Py>>Cp diss	5			2		3	1							
	+		5			2		3	1							
80	+	Dark green Granodiorite	5			2		3	1							
	+		3			3		4	2							
	+		3			3		4	2							
	+		3			2		3	3							
	+		3			2		3	3							
90	+	Green Granodiorite	3			2		3	4							
	+		3			2		4	4							
	+		3			2		4	4							
	+		3			2		4	4							
	+		3			2		4	4							
100	+	Green Granodiorite	4			2		3	2							
	+	Py>Cp diss	4			2		3	2							
	+		4			2		3	2							
	+		4			2		3	2							
	+		4			2		3	2							

Depth		Description	Alteration					Assay Results									
			Quartz	Biotite	K-feldspar	Sericite	Kaoline	Chlorite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn	Mo
											g/t	g/t	ppm	ppm	ppm	ppm	
110	+	Green Granodiorite	4			2	3	2									
	+	Py>>Cp diss	4			2	3	2									
	+		4			2	3	2									
	+		4			2	3	2									
	+		4			2	3	2									
120	+	Green Granodiorite	4			2	3	2									
	+		4			2	3	2									
	+	Py>>Cp diss	5			2	3	3									
	+		4			2	3	2									
	+		4			2	3	2									
130	+	Green Granodiorite	4			2	3	2									
	+		4			2	3	2									
	+		4			2	3	2									
	+		4			2	4	3									
	+		4			2	4	3									
140	+		4			2	4	3									
	✓	131.60 Black basaltic dike rock	4			2	4	3									
	✓	Py diss	5			1	2	1									
	✓		5			1	2	1									
	✓		5			1	2	1									
150	+		5			1	2	1									
	+	142.40 Gray Granodiorite strong sil.	4			2	4	2	145.0	200	Tr	Tr	1086	11	7	4	
	+	Py>Cp diss	4			2	4	2									
	+		4			2	4	2									
	+		4			2	4	2									

Depth		Description	Alteration						Assay Results								
			Quartz	Biotite	K-feldspar	Sericite	Kaolinite	Chlorite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn	Mo
									m	cm	g/t	g/t	ppm	ppm	ppm	ppm	
160	+	Greenish gray Granodiorite	4			3		3	2	151.0	200	Tr	Tr	678	11	26	1
	+	Py>>Cp diss & film	4			3		3	2	153	200	Tr	Tr	658	12	39	<1
	+		4			3		3	2	155.0	200	Tr	Tr	297	12	41	32
	+		4			3		3	2	157.0	200	Tr	Tr	420	9	45	<1
	+		4			3		3	2	159.0	200	Tr	Tr	738	5	<1	<1
170	+	Greenish gray Granodiorite	4			3		3	2	161.0	200	Tr	Tr	2496	9	24	2
	+	Py>>CP diss & film	4			3		3	2	163.0	200	Tr	Tr	1324	9	<1	11
	+	Bo-Cp film & diss	4			3		3	2	165.0	200	Tr	Tr	1516	9	9	6
	+		4			3		3	2	165.0	200	Tr	Tr	382	8	25	<1
	+		4			3		3	2								
180	+	Dark gray Granodiorite	4			2		3	2								
	+	Py>>Cp film	4			2		3	2								
	+		4			2		3	2								
	+		4			2		3	2								
	+		4			2		3	2								
190	+	Dark green Granodiorite	4			2		3	3								
	+		4			2		3	3								
	+		4			2		3	3								
	+		4			2		3	3								
	+		5			2		3	3								
200	+	Lt-green Granodiorite	5			2		3	3								
	+	Py>>Cp diss & film	5			2		3	3								
	+		5			2		3	3								
	+		5			2		3	3								
	+		5			2		3	3								

Depth		Description	Alteration						Assay Results								
			Quartz	Biotite	K-feldspar	Sericite	Kaoline	Chlorite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn	Mo
								m	cm	g/t	g/t	ppm	ppm	ppm	ppm		
210	+	Lt-greenish-gray Granodiorite	5			2		3	2								
	+	Qtz v-let w/ Py & Cp	5			2		3	2								
	+		5			2		3	2								
	+		5			2		3	2								
	+		5			2		3	2								
220	+	Gray aplitic Granodiorite strong sil.	5			3		3	2								
	+		5			3		3	2								
	+		5			3		3	2								
	+		5			3		3	2								
	+		5			3		3	2								
230	+	Greenish gray Granodiorite	5			2		3	2								
	+		5			2		3	2								
	+		5			2		3	2								
	+		5			2		3	2								
	+		5			2		3	2								
240	+	Bluish green Granodiorite	5			2		3	2								
	+		4			2		3	2								
	+		4			2		3	2								
	+		4			3		4	3								
	+		4			3		4	3								
250	+	Bluish green Granodiorite Py diss & film	4			3		4	3								
	+		4			3		4	3								
	+		4			3		4	3								
	+		4			3		4	3								
	+		4			3		4	3								

Depth		Description	Alteration					Assay Results								
			Quartz	Biotite	K-feldspar	Sericite	Kaolinite	Chlorite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn
									m	cm	g/t	g/t	ppm	ppm	ppm	ppm
260	+	Lt-bluish-gray Granodiorite	4					2	3							
	+	Py>Cp diss	4					2	3							
			4					2	3							
	+		4					2	3							
	+		4					2	3							
270	+	Lt-gray Granodiorite	4		4			3	2							
	+		4		4			3	2							
	+		4		4			2	3							
	+		5					2	3							
	+		5					2	3							
280	+	Lt-gray Granodiorite	5					2	3							
	+	Py>>Cp diss	5					2	3							
			5					2	3							
	+		5					2	3							
	+		5					2	3							
290	+		4			3		2	2							
	L	282.80 Lt-bluish-green	4		2	3		2	2							
	L	Q-Porphyry	4		2	3		2	2							
	L	Py>Cp diss	4			3		2	2							
	L		3			2		2	3							
300	L	Lt-bluish-green	3			2		2	3							
	L	Q-Porphyry	3			2		2	3							
	L	Py>Cp diss	3			2		2	3							
	L		3			2		2	3							
	L		3			2		2	3							
	L	300.85				2		2	3							



Depth		Description	Alteration					Assay Results								
			Quartz	Biotite	I-feldspar	Sericite	Kaoline	Chlorite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn
								m	cm	g/t	g/t	ppm	ppm	ppm	ppm	
10	+	2.00 Greenish gray Granodiorite	2			2										
	+	Bo-Cp-(Py) in cracks	2			2			6.0	200	Tr	Tr	2135	7	15	42
	+		2			2										
	+		2			2			8.0	200	Tr	0.3	5258	12	<1	169
20	+	Greenish gray Granodiorite	3			2			10.0	200	0.1	0.8	12851	9	11	249
	+	Bo-Cp-(Mo) in cracks	3			3			12.0	200	Tr	5.0	8460	9	7	266
	+		3			3			14.0	200	Tr	1.7	6174	17	5	20
	+		3			3			16.0	200	Tr	Tr	2268	14	7	8
	+		3			3			18.0	200	Tr	Tr	774	8	7	8
30	+	Greenish gray Granodiorite	3			3			20.0	200	Tr	Tr	2912	13	12	148
	+	Bo-Cp-(Py) in cracks	3			3			22.0	200	Tr	1.9	3905	8	<1	236
	+		3			3			24.0	200	Tr	Tr	3087	11	13	156
	+		3			3			26.0	200	Tr	Tr	2196	8	9	134
	+		3			3			28.0	200	Tr	Tr	2054	9	13	111
40	+	Greenish gray Granodiorite	3			3			30.0	200	Tr	Tr	2318	5	3	69
	+	Bo-Cp-(Py) in cracks	4			3			32.0	200	Tr	Tr	2075	12	6	131
	+		4			3										
	+		4			3			38.0	200	Tr	1.8	4729	21	12	132
50	+	Greenish gray Granodiorite	4			3			40.0	200	Tr	Tr	2790	9	11	147
	+	Cp-Bo-(Py) in cracks	4			3			42.0	200	Tr	Tr	2320	13	10	138
	+		4			3			44.0	200	Tr	1.2	3855	17	18	76
	+		4			3			46.0	200	Tr	2.1	4484	7	7	137
	+		4			3			48.0	200	Tr	Tr	4160	10	2	111

Depth		Description	Alteration					Assay Results										
			Quartz	Biotite	K-feldspar	Sericite	Kaolinite	Calcite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn	Mo	
											g/t	g/t	ppm	ppm	ppm	ppm		
60	+	Lt-gray Granodiorite	4			3		1			50.0	200	Tr	1.1	2762	3	<1	140
		Bo-Cp film	4			3		1		52.0	200	Tr	2.5	6473	17	6	178	
	+		4			3		1		54.0	200	Tr	Tr	3197	6	<1	441	
	+		4			3		1		56.0	200	0.1	2.1	4604	6	<1	457	
	+		4			3		1		58.0	200	Tr	2.1	4055	6	<1	479	
70	+	Pale green Granodiorite	4			3		1		60.0	200	Tr	2.5	4647	15	<1	160	
		Bo-Cp-(Mo) diss & film	4			3		1		62.0	200	0.1	2.4	3737	9	9	323	
	+		4			3		1		64.0	200	Tr	Tr	1991	6	6	254	
	+		4			3		1		66.0	200	Tr	Tr	3210	11	7	75	
	+		4			3		1		68.0	200	Tr	1.8	2617	12	3	42	
80	+	Gray Granodiorite	3	1		4				70.0	200	Tr	Tr	3297	8	<1	426	
		F/Cp-Bo-Mo-Py	3	1	1	4				72.0	200	Tr	Tr	2264	8	8	79	
	+		3	1	2	4				74.0	200	Tr	Tr	2572	7	3	65	
	+		3	2	1	3				76.0	200	Tr	Tr	5920	8	3	90	
	+		4	2		3				78.0	200	Tr	1.3	4828	8	4	118	
90	+	Gray Granodiorite	4	1	1	3				80.0	200	Tr	2.5	6279	10	7	225	
		F/Cp-Bo-Mo-Cc- Py	4	1	1	2		1		82.0	200	0.2	16.5	21008	14	20	1314	
	+		4	1	1	2		1		84.0	200	0.2	14.5	13692	14	7	233	
	+		3	1	1	3		2		86.0	200	Tr	2.1	4879	4	4	96	
	+		3	1	1	4		1		88.0	200	Tr	1.2	3177	2	3	110	
100	+	Gray Granodiorite	2	1	1	4		1		90.0	200	Tr	1.6	4626	2	3	59	
		F/Cp-Bo-Mo-Py	3	1		3		1		92.0	200	Tr	2.5	6238	11	6	40	
	+		2	1		3		1		94.0	200	Tr	0.9	4490	6	8	148	
	+		3	1	1	2		1		96.0	200	Tr	Tr	1330	3	<1	14	
	+		3	1		1		1		98.0	200	Tr	1.3	3016	10	6	102	

Depth		Description	Alteration						Assay Results								
			Quartz	Biotite	X-feldspar	Sericite	Kaolinite	Chlorite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn	Mo
								m	cm	g/t	g/t	ppm	ppm	ppm	ppm		
110	+	Gray Granodiorite	3			1				100.0	200	Tr	Tr	2017	7	3	12
	+	F/Cp-Py-Bo-Mo-Cc	5			4		1		102.0	200	Tr	Tr	3021	9	<1	133
	+		5			4		1		104.0	200	Tr	Tr	2099	23	<1	48
	+		5			3		1		106.0	200	Tr	Tr	2687	15	3	81
	+		5			3				108.0	200	Tr	Tr	2492	11	<1	91
120	+	Gray Granodiorite	5			2				110.0	200	Tr	1.2	3780	<1	<1	223
	+	F/Cp-Bo-Py-Mo-Cc	5			2				112.0	200	Tr	0.8	3742	11	<1	105
	+		3	2	1	2		1		114.0	200	Tr	Tr	3249	13	5	51
	+		3	2	1	2		1		116.0	200	Tr	Tr	1835	12	<1	96
	+		2	2	1	2		2		118.0	200	Tr	Tr	2435	9	11	92
130	+	Gray Granodiorite	2	2	1	2		1		120.0	200	Tr	Tr	2274	8	<1	38
	+	F/Cp-Bo-Py-Mo	2	2	1	3		1		122.0	200	Tr	Tr	1869	6	2	20
	+		2	1		4				124.0	200	0.1	3.6	8388	8	<1	84
	+		3	1		3				126.0	200	Tr	Tr	4364	10	<1	45
	+		3	1		2				128.0	200	Tr	Tr	2363	2	<1	22
140	+	Gray Granodiorite	3	1		2				130.0	200	Tr	1.9	5192	12	3	110
	+	F/Cp-Bo-Py-Mo	3	1		3				132.0	200	Tr	2.2	3748	3	<1	103
	+		2	1	1	3				134.0	200	Tr	1.6	3684	9	4	30
	+		3	2	1	3		1		136.0	200	Tr	Tr	1700	11	3	15
	+		5	2	1	2		1		138.0	200	Tr	1.2	2703	8	<1	86
150	+	Gray Granodiorite	5	3	1	3				140.0	200	Tr	1.8	3616	6	<1	209
	+	F/Bo-Cp-Mo-Cc	5	3	1	3				142.0	200	Tr	Tr	6328	8	<1	142
	+		5	3	1	3				144.0	200	Tr	1.8	896	9	<1	24
	+		5	2	1	3				146.0	200	Tr	0.7	6297	9	<1	112
	+		4	2	1	3				148.0	200	Tr	Tr	2344	9	<1	82

Depth		Description	Alteration						Assay Results									
			Quartz	Biotite	F-feldspar	Sericitic	Kaoline	Chlorite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn	Mo	
																		m
160	+	Gray Granodiorite	3	2	1	3					150.0	200	Tr	1.5	2395	9	<1	288
		Cp-Mo-(Bo) film	3	2	1	3					152.0	200	Tr	Tr	3560	8	10	76
	L	158.80 Bluish gray Q-Porphry	3	2	1	3					154.0	200	Tr	Tr	2539	14	3	239
			4	2	1	3					156.0	200	Tr	1.7	1991	9	<1	417
			4	2	1	3					158.0	200	Tr	Tr	3850	14	<1	159
			4	2	1	3												
170	L	Bo-Cp film								160.0	200	Tr	Tr	3721	5	2	128	
			5	1	1	3		1		162.0	200	0.1	1.7	4953	6	<1	339	
			5	1	1	2		1	1		164.0	200	Tr	2.1	5205	9	16	1746
			5	1	1	2		1	1		166.0	200	Tr	2.3	5294	25	50	172
			5	1		2		1			168.0	200	Tr	1.8	6655	14	16	278
			5	1		3		1										
180	L	Bluish gray Q-Porphry	5	1		3		1		170.0	200	Tr	Tr	5534	7	<1	437	
		Bo-Cp diss & film	5	1		3		1		172.0	200	Tr	2.7	8845	5	<1	79	
			5	1		3		1		174.0	200	Tr	Tr	7785	7	<1	100	
			5	1		3		1		176.0	200	Tr	1.2	1130	2	1	238	
		176.60 Gray Granodiorite	5	1		3		1		178.0	200	Tr	3.8	3164	7	<1	311	
		Bo-Cp film	5	1		3		1										
190	+	Gray Granodiorite	5			3		1	1	180.0	200	Tr	Tr	8433	<1	<1	182	
		Bo-Cp film & diss	5			3		1	1	182.0	200	Tr	Tr	9701	<1	1	684	
			5			3		1	1	184.0	200	Tr	1.0	4289	<1	<1	87	
			5			3		1	1	186.0	200	Tr	2.2	3477	7	<1	91	
			5			3		1	1	188.0	200	Tr	1.4	3754	8	<1	292	
200	+	Gray Granodiorite	5			3		1	1	190.0	200	Tr	Tr	4692	1	<1	99	
		Bo-Cp film & diss	5			3		1	1	192.0	200	Tr	2.1	4430	9	<1	271	
			5			3		1	1	194.0	200	Tr	Tr	5555	1	<1	123	
			5		2	3		2		196.0	200	Tr	Tr	6282	7	<1	105	
			5		2	3		2		198.0	200	Tr	Tr	4719	7	<1	53	

Depth		Description	Alteration						Assay Results									
			Quartz	Biotite	K-feldspar	Sericite	Kaolinite	Chlorite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn	Mo	
								m	cm	g/t	g/t	ppm	ppm	ppm	ppm			
210	+	Reddish gray Aplitic Granodiorite	5		2	3		2		200.0	200	0.1	3.1	6190	2	<1	38	
	+		5		2	3		2		202.0	200	Tr	2.1	3643	10	<1	61	
		Bo-Cp film & diss	5		2	3		2		204.0	200	Tr	3.0	3393	<1	<1	441	
			5		2	3		2		206.0	200	Tr	2.5	6147	<1	<1	302	
		L	206.60 Reddish gray Aplitic Q-Porphyry	5		2	3		2		208.0	200	Tr	Tr	4116	2	<1	117
		L		5		2	3		2									
220	L	Reddish gray Aplitic P-Porphyry	5			3		2		210.0	200	Tr	1.3	4104	2	<1	69	
	L		5			3		2		212.0	200	Tr	Tr	2965	9	<1	216	
		Bo-Cp film & diss	5			3		2		214.0	200	Tr	1.6	4103	2	<1	143	
	L		5			3		2		216.0	200	Tr	Tr	5954	<1	<1	147	
	L	5				4		2		218.0	200	0.1	3.8	8560	8	2	158	
230	L	Gray Q-Porphyry	5			4		2	1	220.0	200	Tr	6.4	18042	7	15	71	
	L		5			4		2	1	222.0	200	0.1	3.2	9054	1	16	216	
		Bo-Cp diss & film	5			4		2	1	224.0	200	0.1	2.7	9345	4	12	224	
	L		5			4		3	1	226.0	200	Tr	1.0	2638	3	21	71	
	L	5				4		3	1	228.0	200	Tr	2.4	8218	8	<1	192	
240	L	Bluish gray Q-Porphyry Bo-Cp film	5			4		3	1	230.0	200	Tr	1.7	2549	3	<1	196	
	L		5			4		3	1	232.0	140	Tr	0.6	1267	1	<1	34	
		233.45																
250																		

Depth		Description	Alteration						Assay Results								
			Quartz	Biotite	K-feldspar	Sericite	Kaoline	Chlorite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn	Mo
								m	cm	g/t	g/t	ppm	ppm	ppm	ppm		
10																	
20	+	10.00 Greenish gray Granodiorite	3			2	1	3	1	10.0	200	Tr	Tr	1973	6	<1	5
	+	Py>>Cp diss & film	3			2	1	3	1	12.0	200	Tr	1.1	5314	6	<1	<1
	+		3			2	1	3	1	14.0	200	Tr	Tr	7568	6	<1	69
	+		3			2	1	3	1	16.0	200	Tr	Tr	4219	2	<1	2
	+		3			2	1	3	1	18.0	200	Tr	1.2	3842	3	<1	20
30	+	Gray Granodiorite	3			2	1	3	1	20.0	200	Tr	0.9	2920	1	<1	37
	+	Py>>Cp diss & film	3			2	1	3	1	22.0	200	Tr	Tr	934	3	9	18
	+		3			2	1	3	1	24.0	200	Tr	Tr	567	6	3	<1
	+		3			2	1	3	1	26.0	200	Tr	Tr	508	6	8	<1
	+	No stringer	3			2	1	3	1	28.0	200	Tr	Tr	1700	5	5	4
40	+	Dark gray Granodiorite	3			2	1	3	1	30.0	200	Tr	Tr	938	9	<1	6
	+	Py>>Cp diss & film	3			2	1	3	1	32.0	200	Tr	Tr	1041	2	10	1
	+		3			2	1	3	1	34.0	200	Tr	Tr	449	3	7	5
	+		3			2	1	3	1	36.0	200	Tr	0.7	2985	6	5	<1
	+		3			2	1	3	1	38.0	200	Tr	Tr	3544	14	<1	40
50	L	40.50 Gray Granodiorite	3			2	1	3	1	40.0	200	Tr	Tr	1245	3	<1	3
	L	Py>Cp diss & film	3			2	1	3	1	42.0	200	Tr	0.3	1562	6	<1	1
	L		3			3	1	3	2	44.0	200	Tr	Tr	1406	9	<1	4
	+		3			3	1	3	2	46.0	200	Tr	Tr	4246	12	<1	11
	+	43.70		3			3	1	3	2	48.0	200	Tr	Tr	3469	5	<1

Depth		Description	Alteration						Assay Results								
			Quartz	Biotite	K-feldspar	Sericite	Kaoline	Chlorite	Epidote	Depth m	Core cm	Au g/t	Ag g/t	Cu ppm	Pb ppm	Zn ppm	Mo ppm
60	+	Lt-gray Granodiorite	3			3	1	1		50.0	200	Tr	0.6	1315	6	8	<1
	+	Py>>Cp diss & film	3			3	1	1		52.0	200	Tr	Tr	2042	6	<1	<1
	+		4			4		2	1	54.0	200	Tr	Tr	2256	3	<1	38
	+		2			3		2	1	56.0	200	Tr	Tr	4748	11	4	5
	+		3			2		2	1	58.0	200	Tr	Tr	1920	6	<1	27
70	+	Greenish gray Granodiorite	3			2		2	1	60.0	200	Tr	Tr	1594	6	7	<1
	+	Py>>Cp diss & film	3			2		2	1	62.0	200	Tr	Tr	2119	9	8	<1
	+		3			2		2	1	64.0	200	Tr	Tr	1230	10	10	103
	+		3			2		2	1	66.0	200	Tr	Tr	1306	5	4	<1
	+		3			2		2	1	68.0	200	Tr	Tr	1055	12	3	1
80	+	Lt-gray Granodiorite	3			2		2	1	70.0	200	Tr	Tr	1225	8	2	<1
	+	Py>>Cp diss & film	3			2		2	1	72.0	200	Tr	Tr	1162	9	<1	5
	+		3			2		2	1	74.0	200	Tr	0.7	1217	12	<1	104
	+		3			2		2	1	76.0	200	Tr	Tr	1779	8	4	123
	+		3			2		2	1	78.0	200	Tr	Tr	1992	10	2	25
90	+	Bluish gray Granodiorite	3			2		2	1	80.0	200	Tr	Tr	3917	11	4	34
	+	Py>>Cp diss & film	3			2		2	1	82.0	200	Tr	0.8	1401	8	8	22
	+		3			2		2	1	84.0	200	Tr	1.2	2384	6	19	3
	+		3			3		2	1	86.0	200	Tr	1.0	2501	14	9	7
	+		3			3		2	1	88.0	200	Tr	0.9	1363	12	153	<1
100	+	Bluish gray Granodiorite	3			2		2	1	90.0	200	Tr	Tr	1820	7	37	13
	+	Py>>Cp diss & film	3			2		2	1	92.0	200	Tr	Tr	2156	11	56	19
	+		3			2		2	1	94.0	200	Tr	Tr	894	8	87	9
	+		3			2		2	1	96.0	200	Tr	Tr	2053	9	36	13
	+		3			2		2	1	98.0	200	Tr	Tr	2979	5	12	50

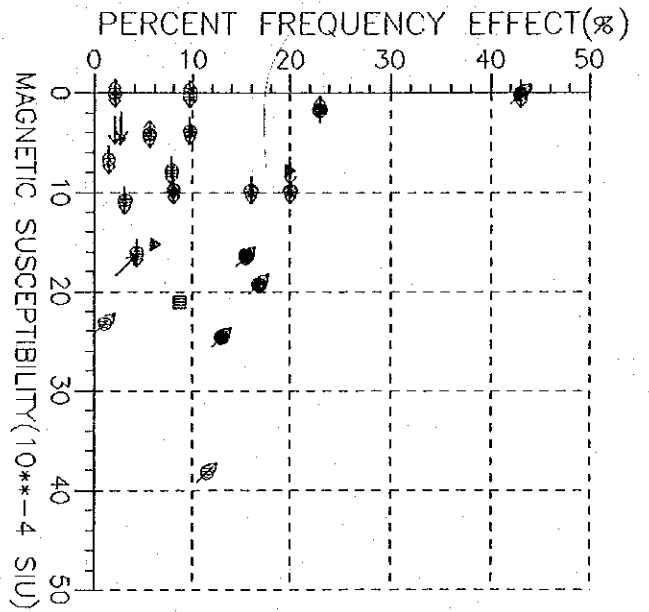
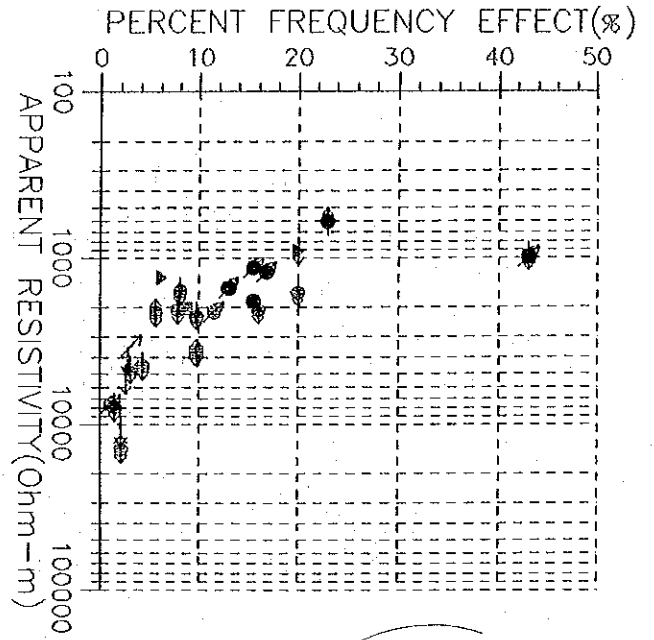
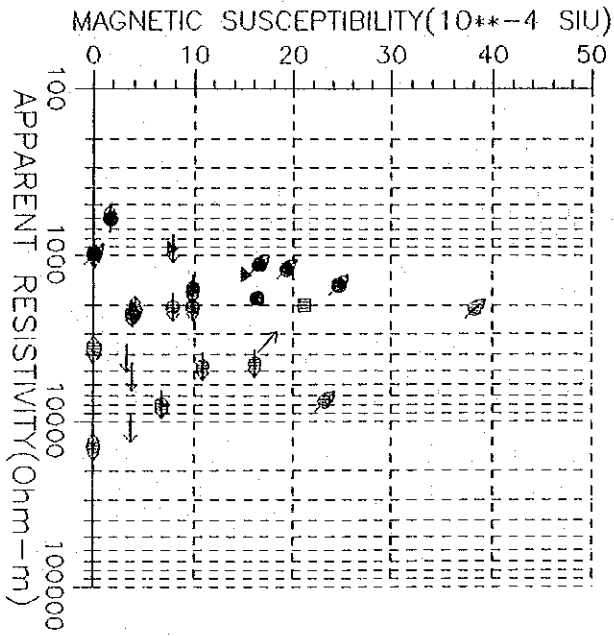
Depth		Description	Alteration					Assay Results									
			Quartz	Biotite	K-feldspar	Sericite	Kaoline	Chlorite	Epidote	Depth	Core	Au	Ag	Cu	Pb	Zn	Mo
110	+	bluish gray Granodiorite	3			2		2	1	100.0	200	Tr	Tr	2330	5	2	38
	+	Py>>Cp diss & film	3			2		2	1	102.0	200	Tr	Tr	1482	9	<1	15
			3			2		2	1	104.0	200	Tr	Tr	1741	13	6	2
			3			2		2	1	106.0	200	Tr	Tr	957	20	<1	432
			3			2		2	1	108.0	200	Tr	Tr	1112	7	3	7
120	+		3		1	2		2	1	110.0	200	Tr	Tr	1275	11	<1	29
	L	112.80 Lt-gray Q-Porphry	3		1	2		2	1	112.0	200	Tr	Tr	3167	7	<1	124
	L	Py diss	3		1	2		2	1	114.0	200	Tr	Tr	968	6	<1	<1
	L		3		1	2		2	1	116.0	200	Tr	Tr	1557	4	7	4
	L		3		1	2		2	1	118.0	200	Tr	0.5	3356	9	1	<1
120		119.50 Pale greenish															
130	+	gray Granodiorite	3		1	2		2	1	120.0	200	Tr	1.4	5264	6	4	42
	+	Py diss	3		1	2		2	1	122.0	200	Tr	Tr	2238	9	<1	6
			3		1	2		2	1	124.0	200	Tr	0.4	1247	6	<1	7
	L	126.70 Dark gray Q-Porphry	3		1	2		2	1	126.0	200	Tr	Tr	946	5	2	<1
	L	Py diss	3		1	2		2	1	128.0	200	Tr	Tr	631	8	<1	8
130																	
140	+	130.40 Greenish gray Granodiorite	3		1	2		2	1	130.0	200	Tr	Tr	782	216	674	<1
	+	Py diss	3		1	2		2	1	132.0	200	Tr	0.6	252	8	1	1
			3		1	2		2	1	134.0	200	Tr	1.0	2058	8	<1	63
	+		3		1	2		2	1	136.0	200	Tr	Tr	1345	8	<1	104
	+		3		1	2		2	1	138.0	200	Tr	Tr	809	6	<1	13
140																	
150	+	Lt-gray Granodiorite	3		1	2		2	1	140.0	200	Tr	Tr	1204	14	<1	26
	+	Py diss	3		1	2		2	1	142.0	200	Tr	Tr	503	5	<1	7
			3		1	2		2	1	144.0	200	Tr	Tr	2510	8	4	<1
	+		3		1	2		2	1	146.0	200	Tr	Tr	2175	3	<1	9
	+		3		1	2		2	1	148.0	200	Tr	Tr	919	7	11	34
150		150.00	3		1	2		2	1								



**Appendix 10 Correlation of apparent resistivity, percent frequency effect and magnetic susceptibility**



# Correlation of AR, PFE and MS

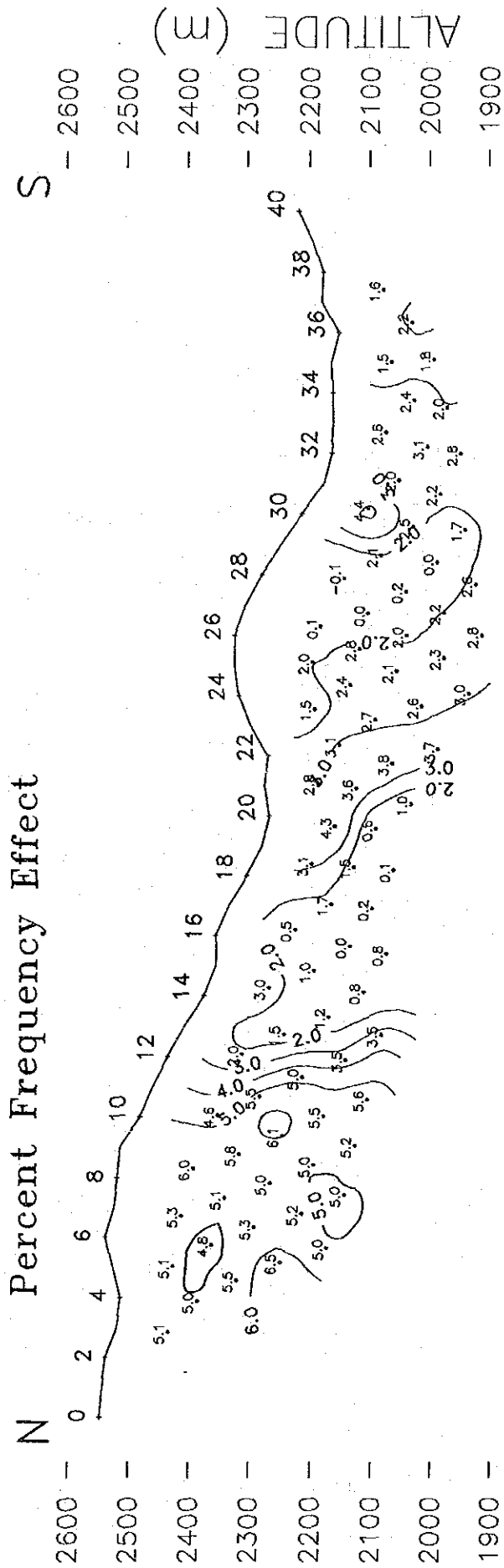
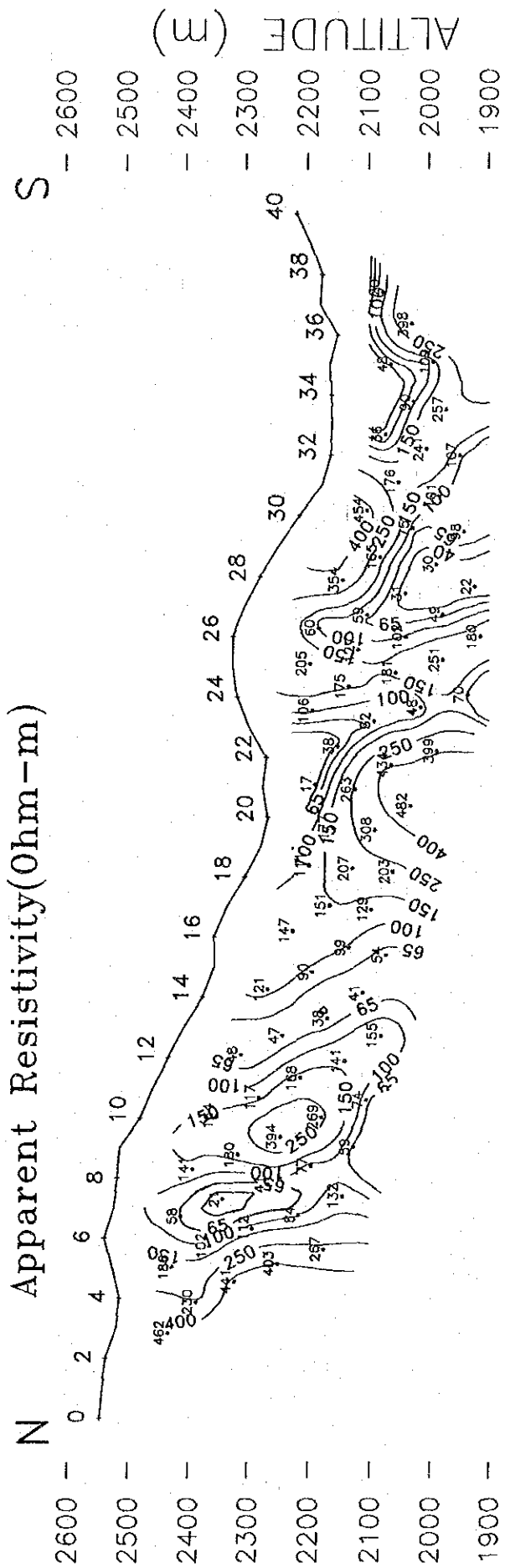


- ▲ Andesite Porphyry
- Diorite Porphyry
- Porphyritic Granodiorite
- Granodiorite
- Granodiorite with Pyrite
- Granodiorite with Chalcopyrite
- Granodiorite with Limonite
- ↑ Argillization
- ↓ Silicification
- ↗ Chloritization

Appendix 10 Correlation of Apparent Resistivity, Percent Frequency Effect and Magnet Susceptibility.

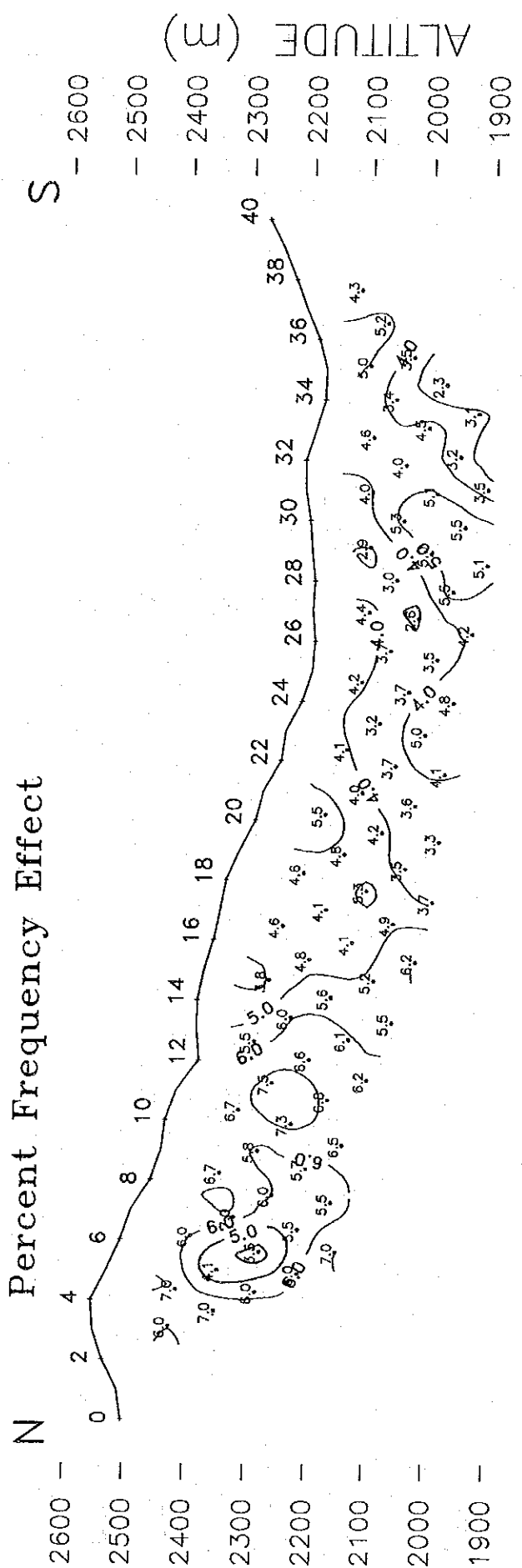
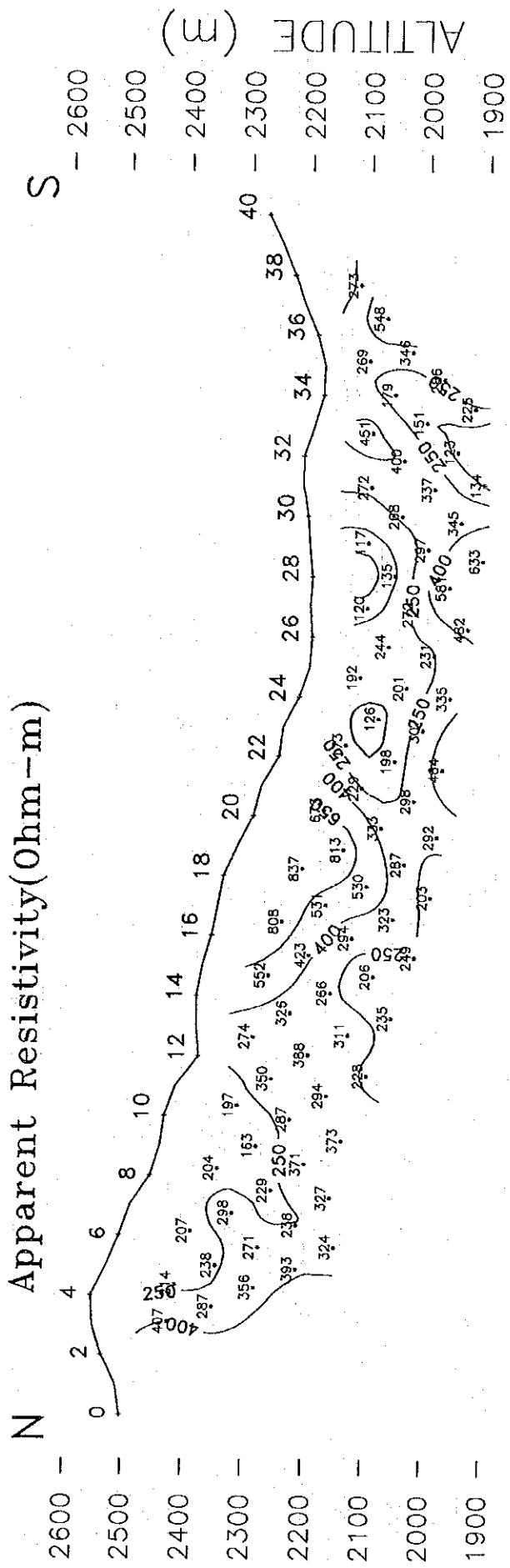


**Appendix 11(1)–(7) Pseudo-sections of Line-JC1 to Line-JC7**



Appendix 11(1) Puseudo-sections of Line-JC1

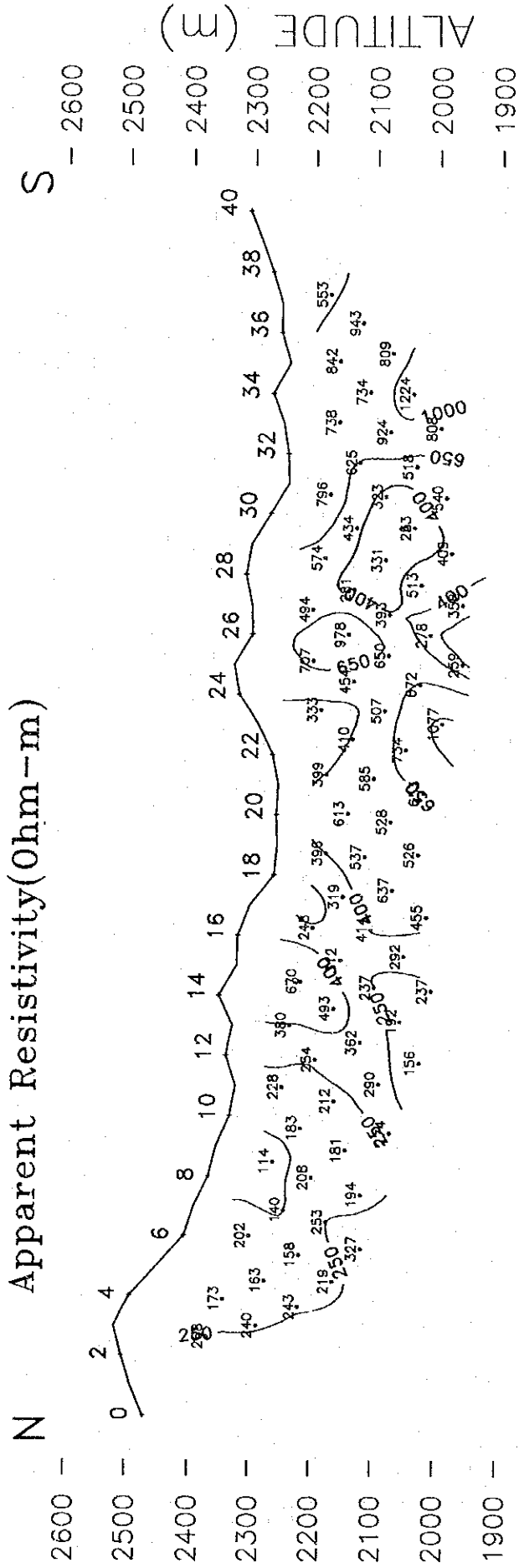
PSEUDO-SECTION of LINE-JC1



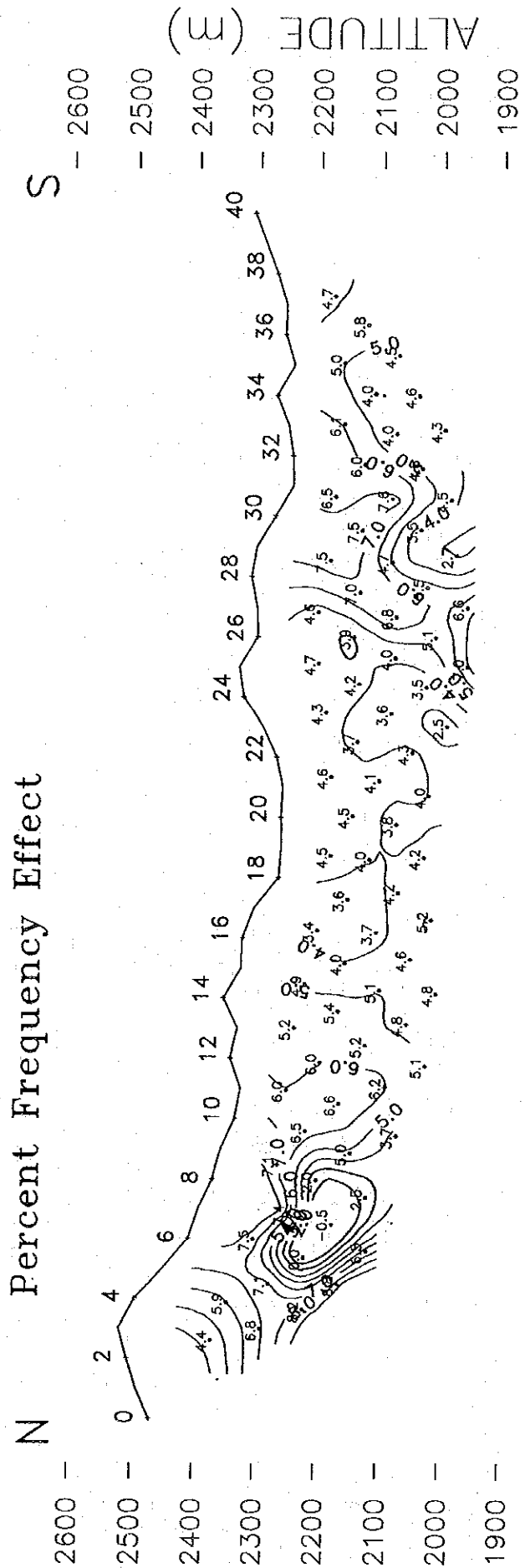
Appendix 11(2) Puseudo-sections of Line-JC2

PSEUDO-SECTION of LINE-JC2

### Apparent Resistivity(Ohm-m)



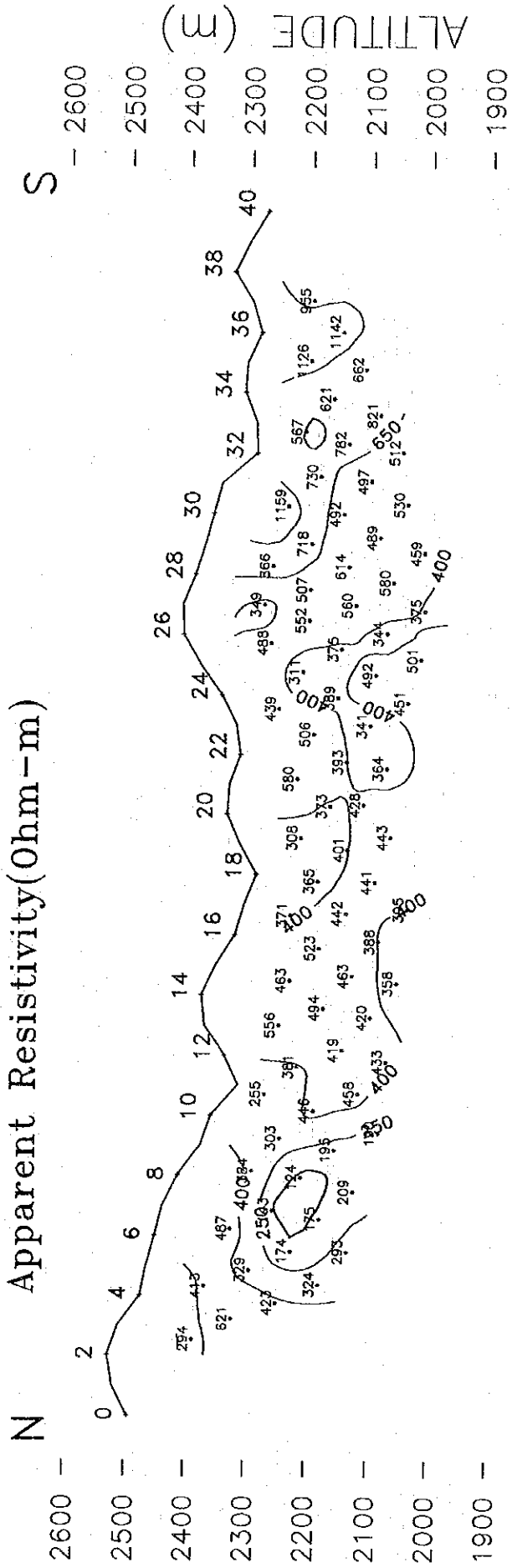
### Percent Frequency Effect



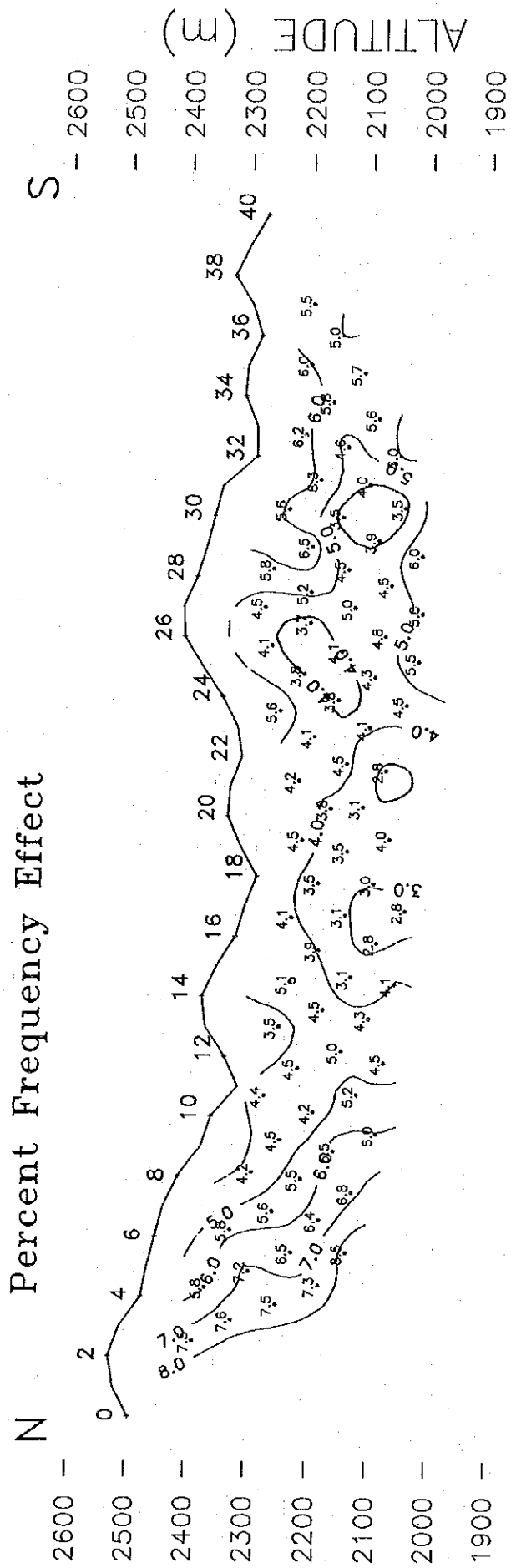
Appendix 11(3) Puseudo-sections of Line-JC3



### Apparent Resistivity(Ohm-m)

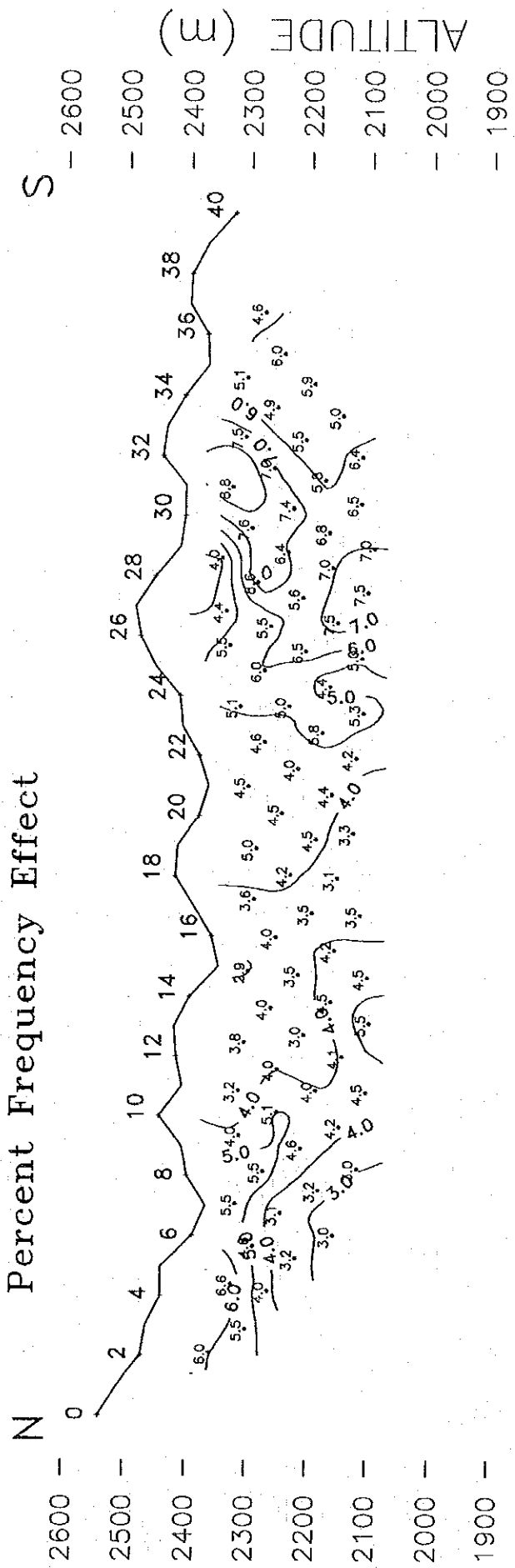
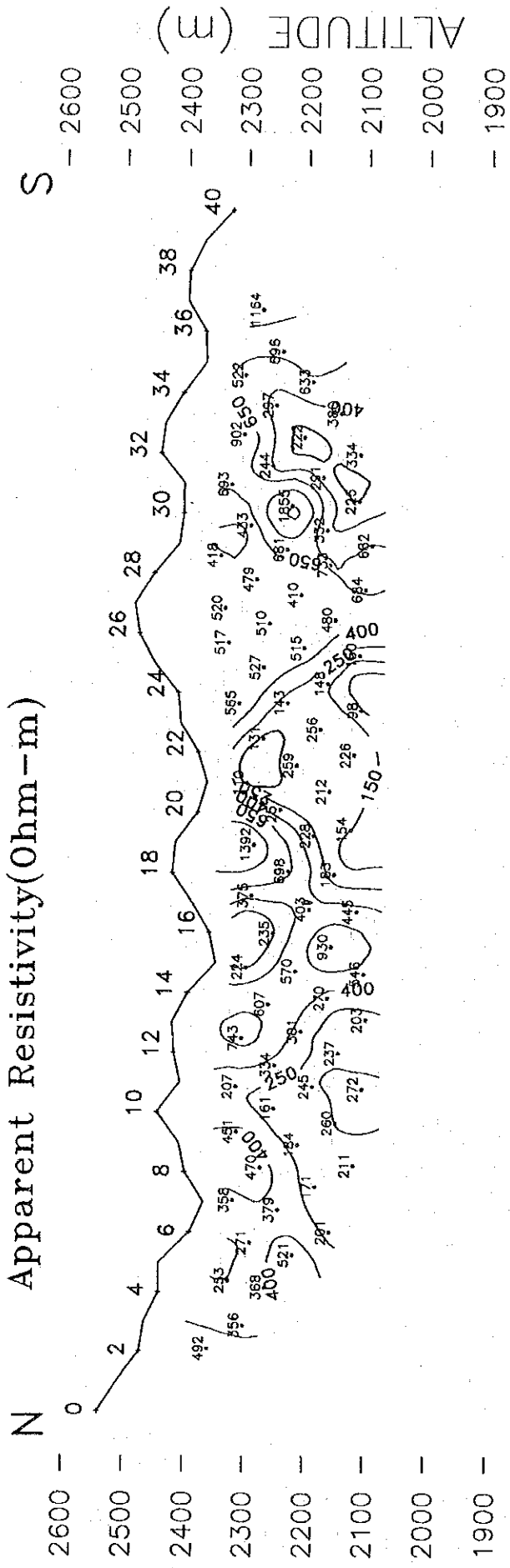


### Percent Frequency Effect



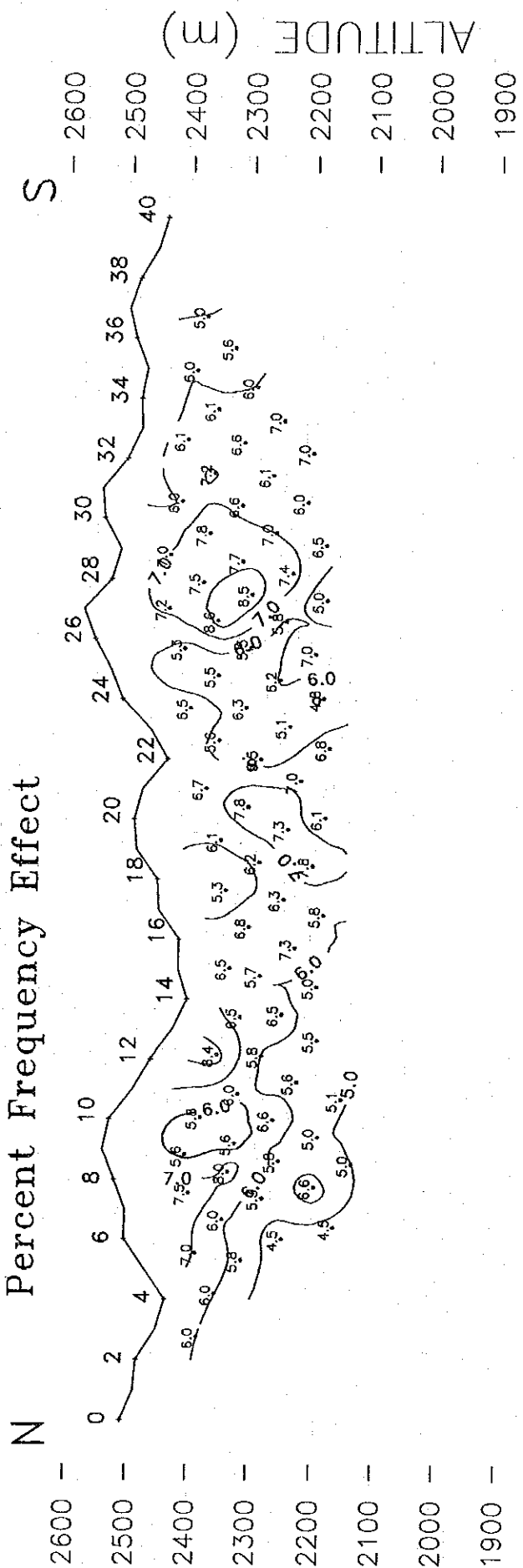
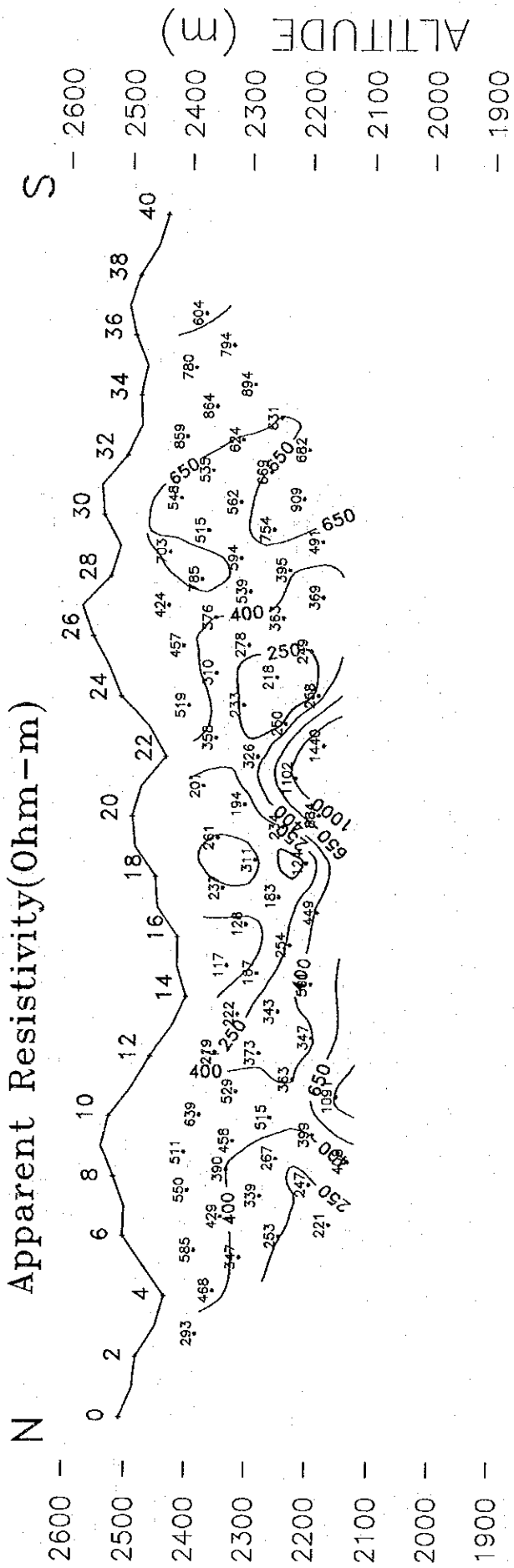
Appendix 11(4) Puseudo-sections of Line-JC4

PSEUDO-SECTION of LINE-JC4



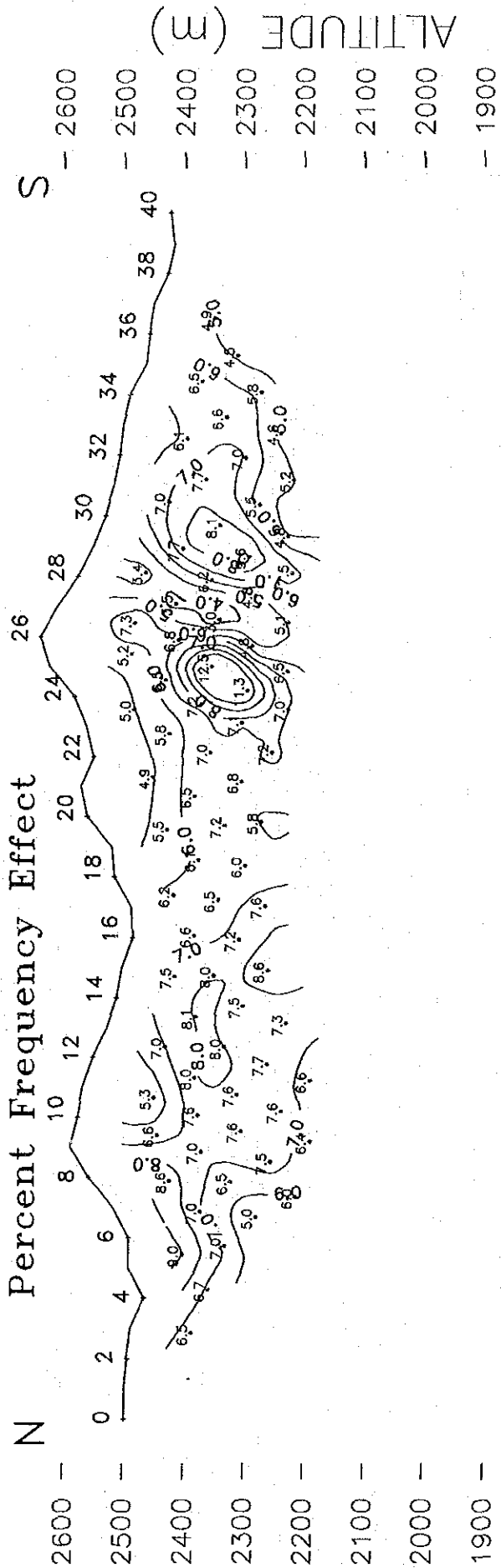
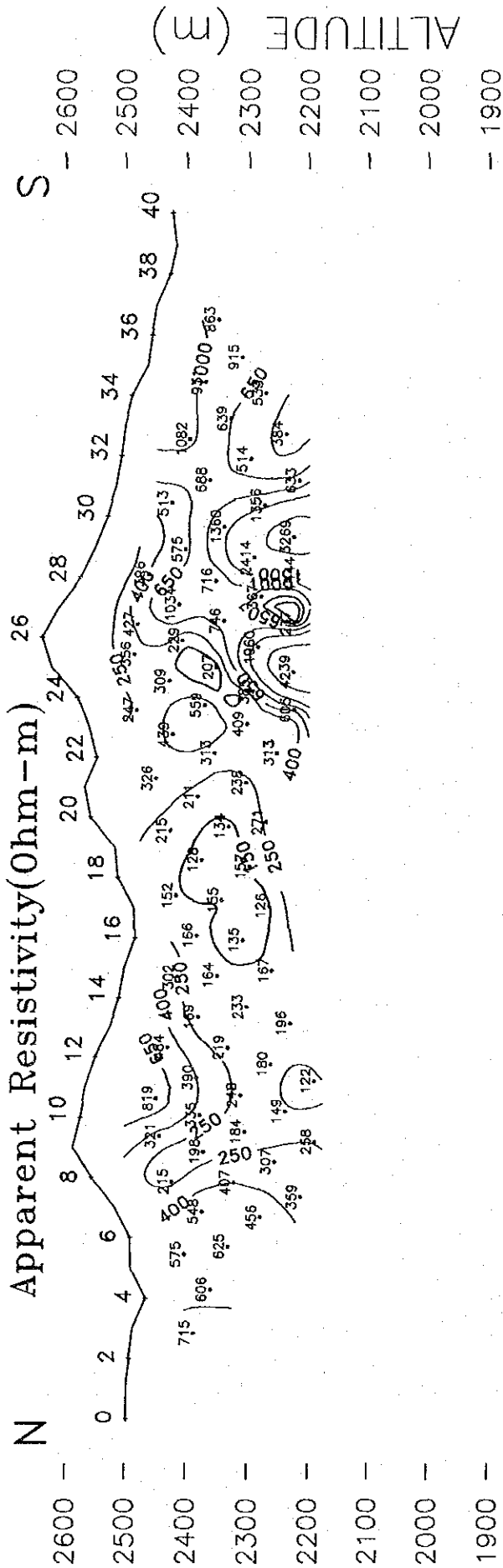
Appendix 11(5) Puseudo-sections of Line-JC5

PSEUDO-SECTION LINE-JC5



Appendix 11(6) Puseudo-sections of Line-JC6

PSEUDO-SECTION of LINE-JC6



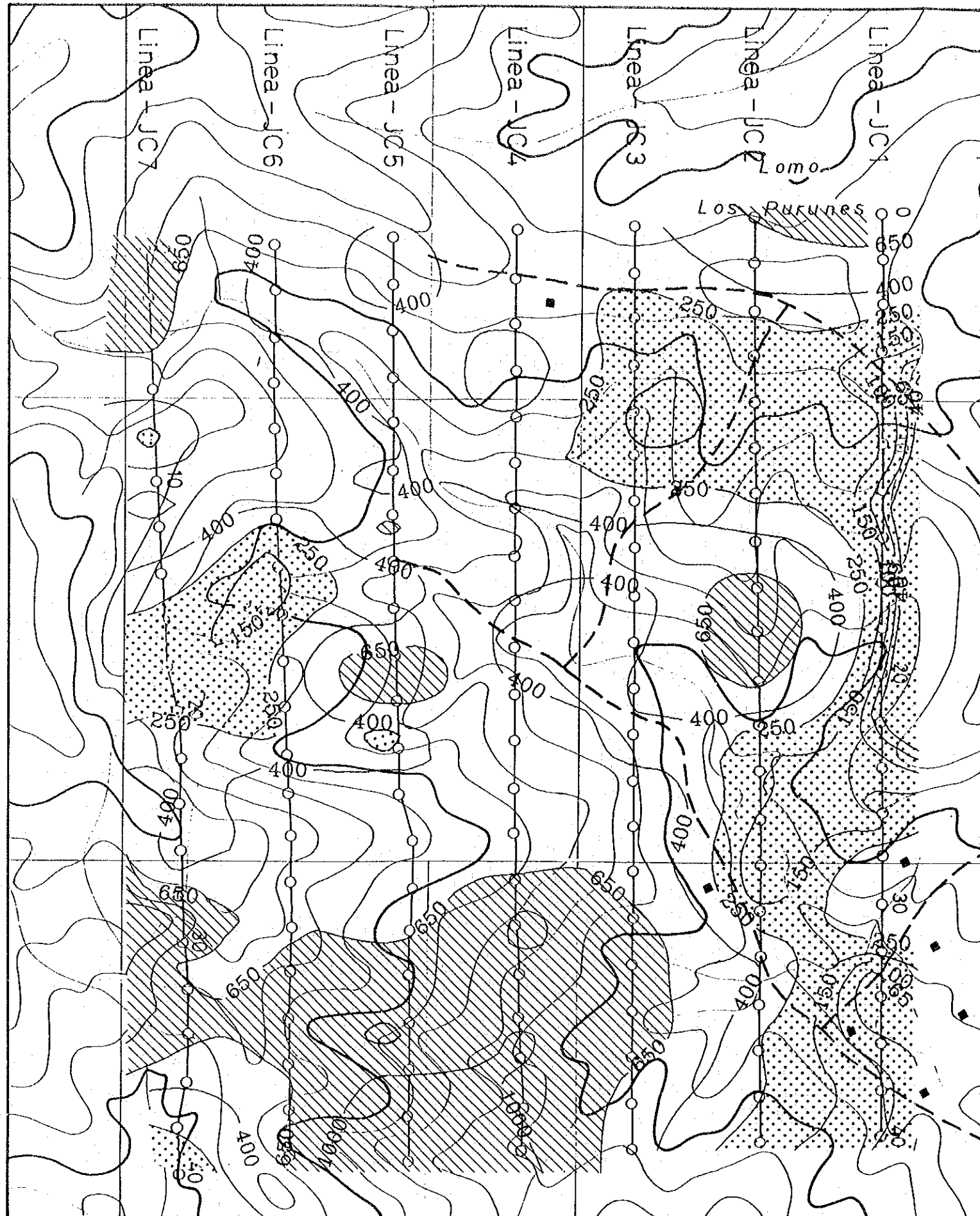
Appendix 11(7) Pseudo-sections of Line-JC7

PSEUDO-SECTION of LINE-JC7




**Appendix 12(1)–(3) Plane map of apparent resistivity**

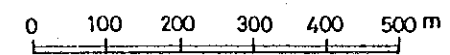
**(n=1) (n=3) (n=5)**





LEGEND

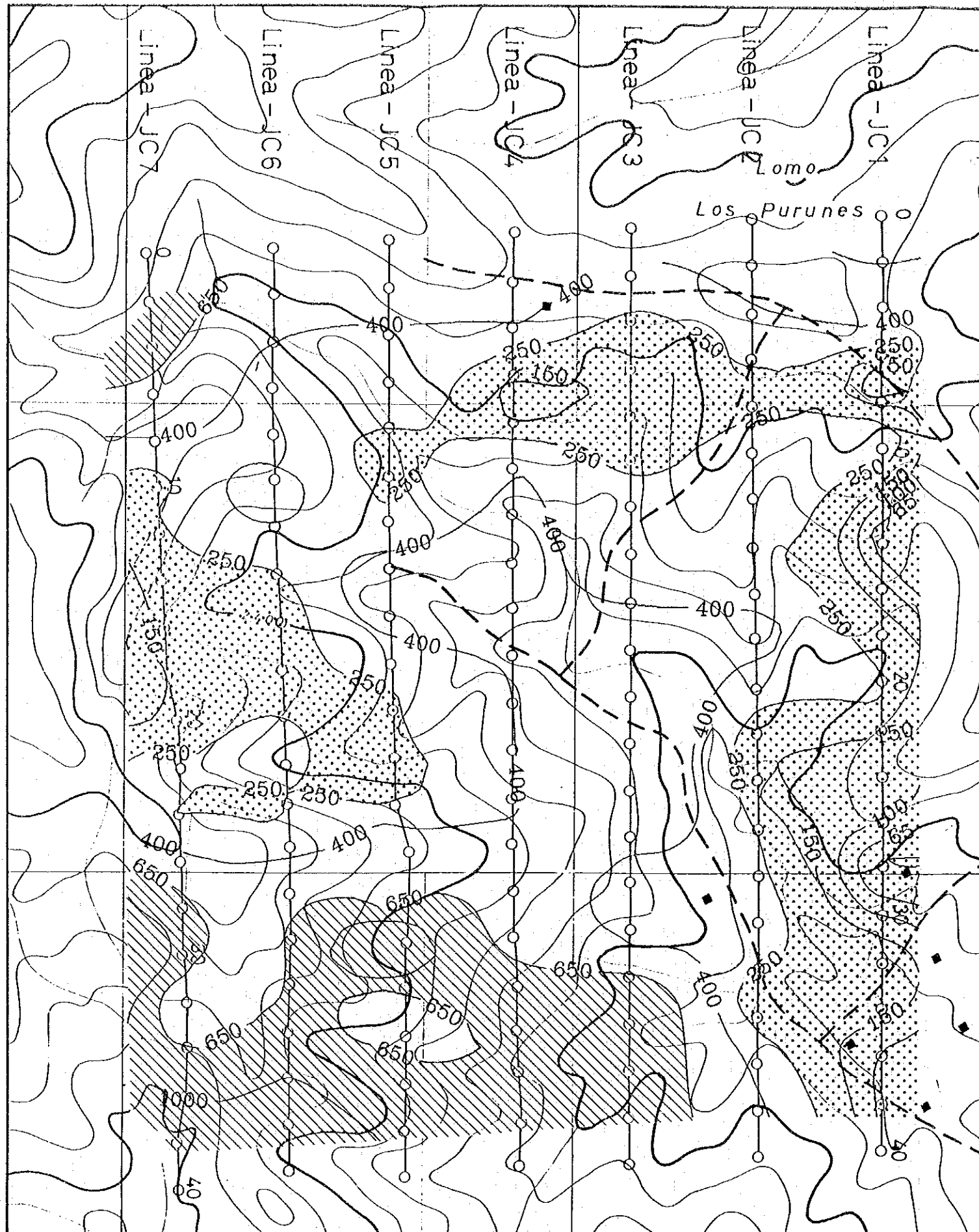
-   $650 \Omega m \leq \rho a$
-   $250 \Omega m \leq \rho a < 650 \Omega m$
-   $\rho a < 250 \Omega m$




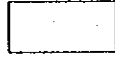
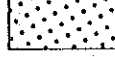
Appendix 12(1) Plane Map of Apparent Resistivity (n=1)

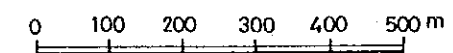






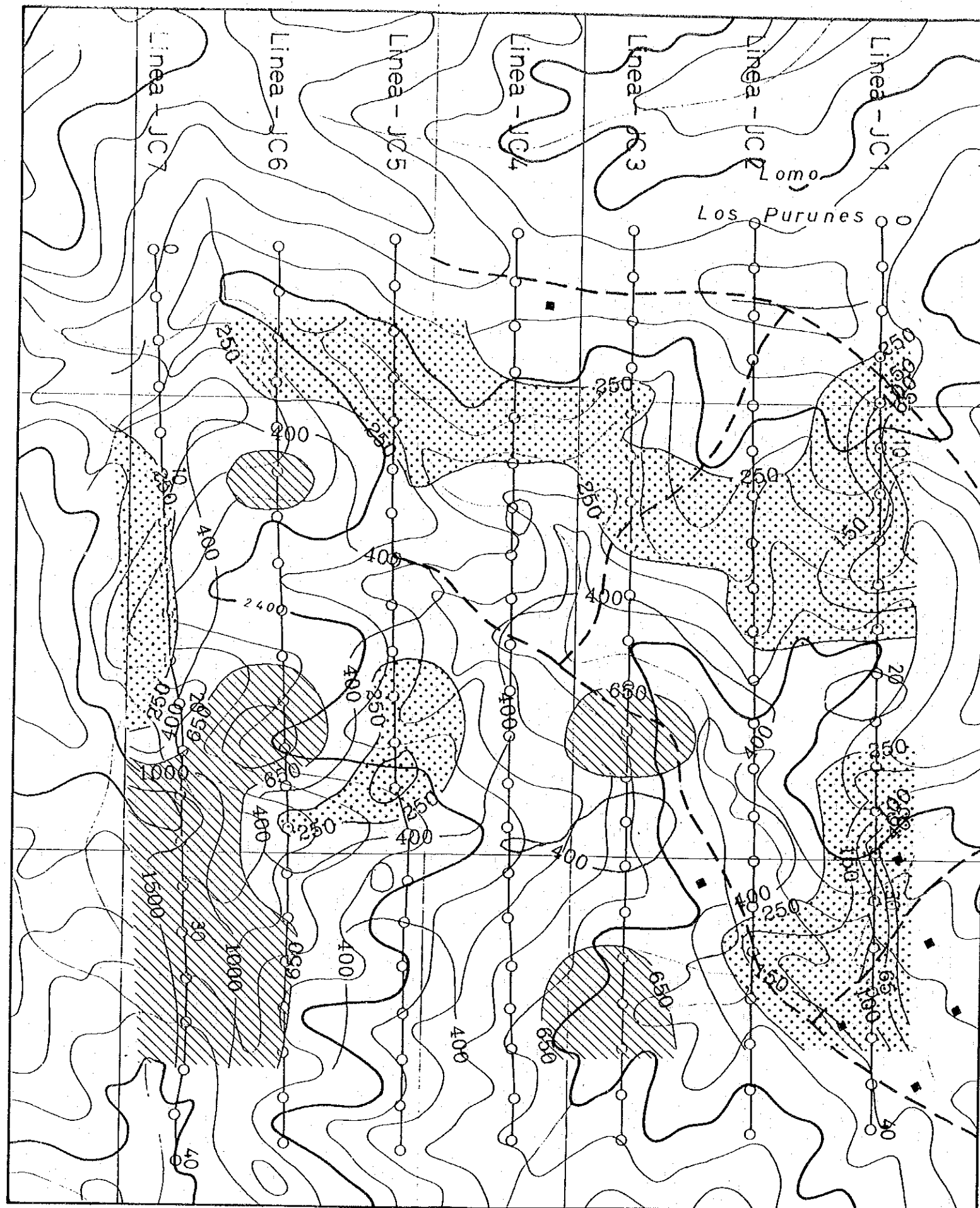
LEGEND

-   $650\Omega m \leq \rho a$
-   $250\Omega m \leq \rho a < 650\Omega m$
-   $\rho a < 250\Omega m$

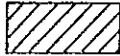
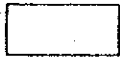



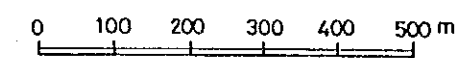
Appendix 12(2) Plane Map of Apparent Resistivity (n=3)





LEGEND

-   $650 \Omega m \leq \rho a$
-   $250 \Omega m \leq \rho a < 650 \Omega m$
-   $\rho a < 250 \Omega m$

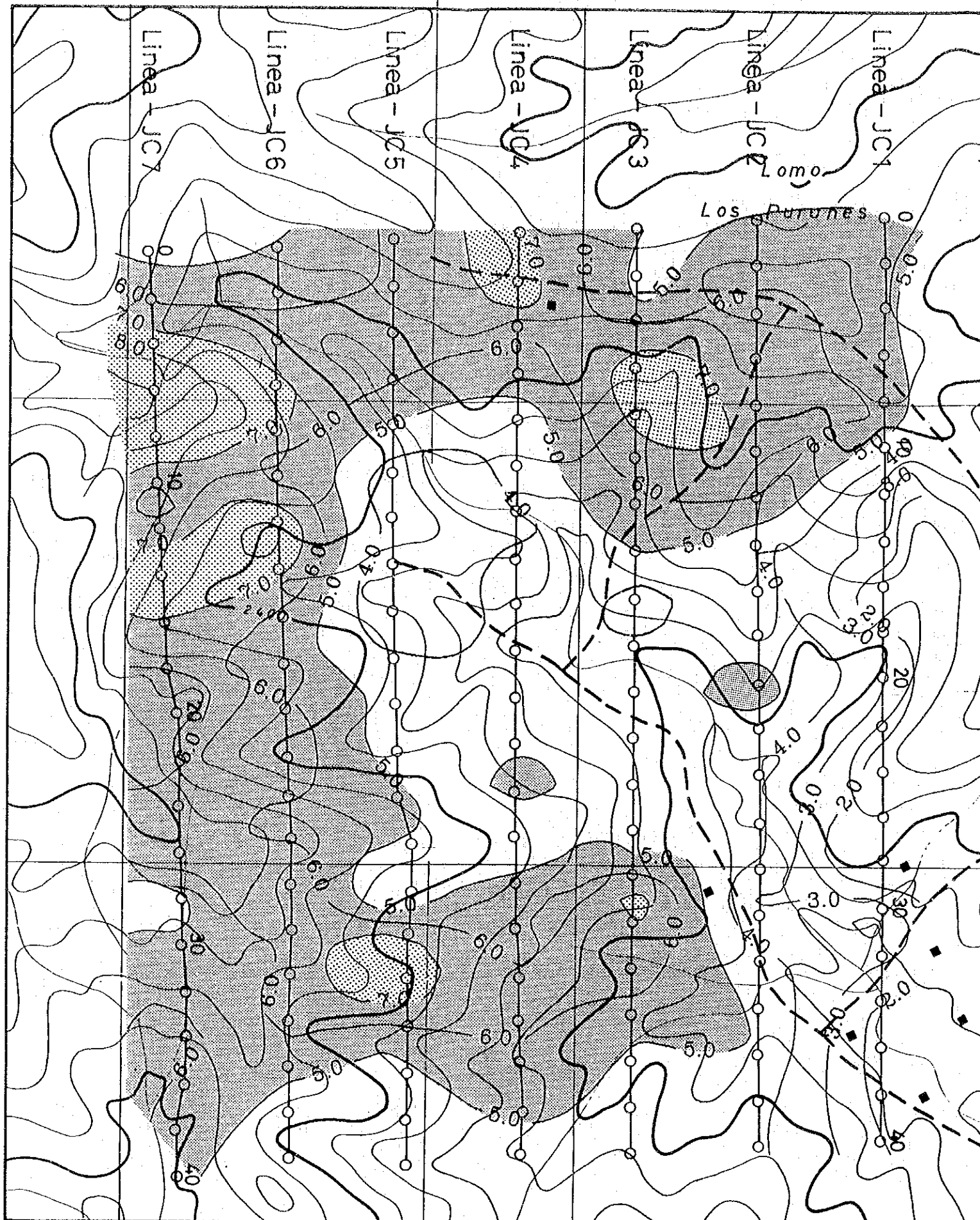


Appendix 12(3) Plane Map of Apparent Resistivity (n=5)


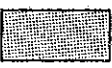
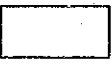



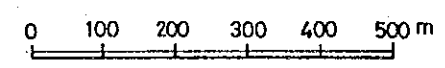
**Appendix 13(1)–(3) Plane map of percent frequency effect  
(n=1) (n=3) (n=5)**





LEGEND

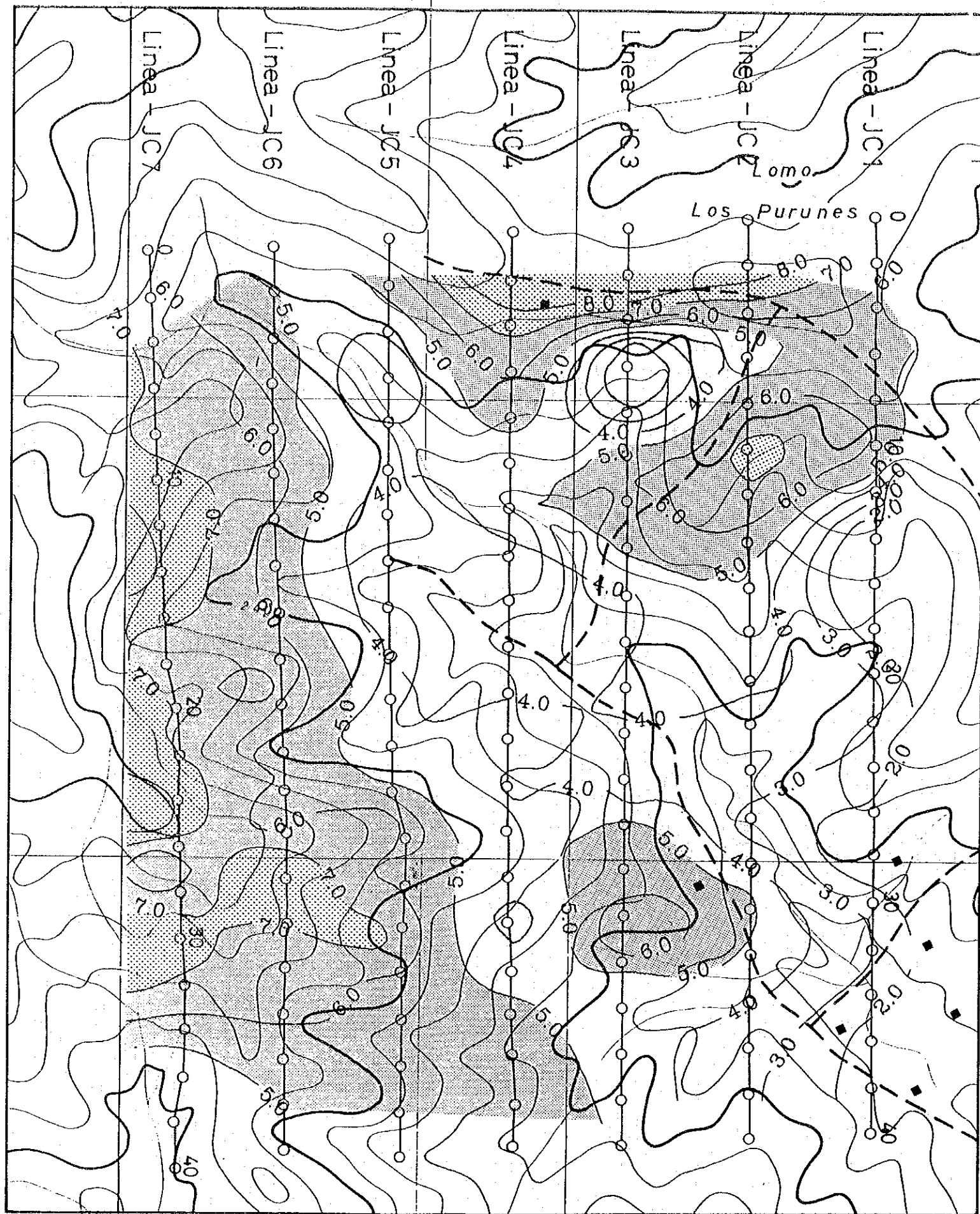
-  7.0 % ≤ PFE
-  5.0 % ≤ PFE < 7.0 %
-  3.0 % ≤ PFE < 5.0 %
-  PFE < 3.0 %




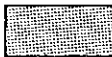
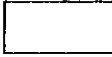
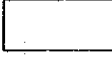
Appendix 13(1) Plane Map of Percent Frequency Effect (n=1)

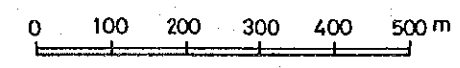






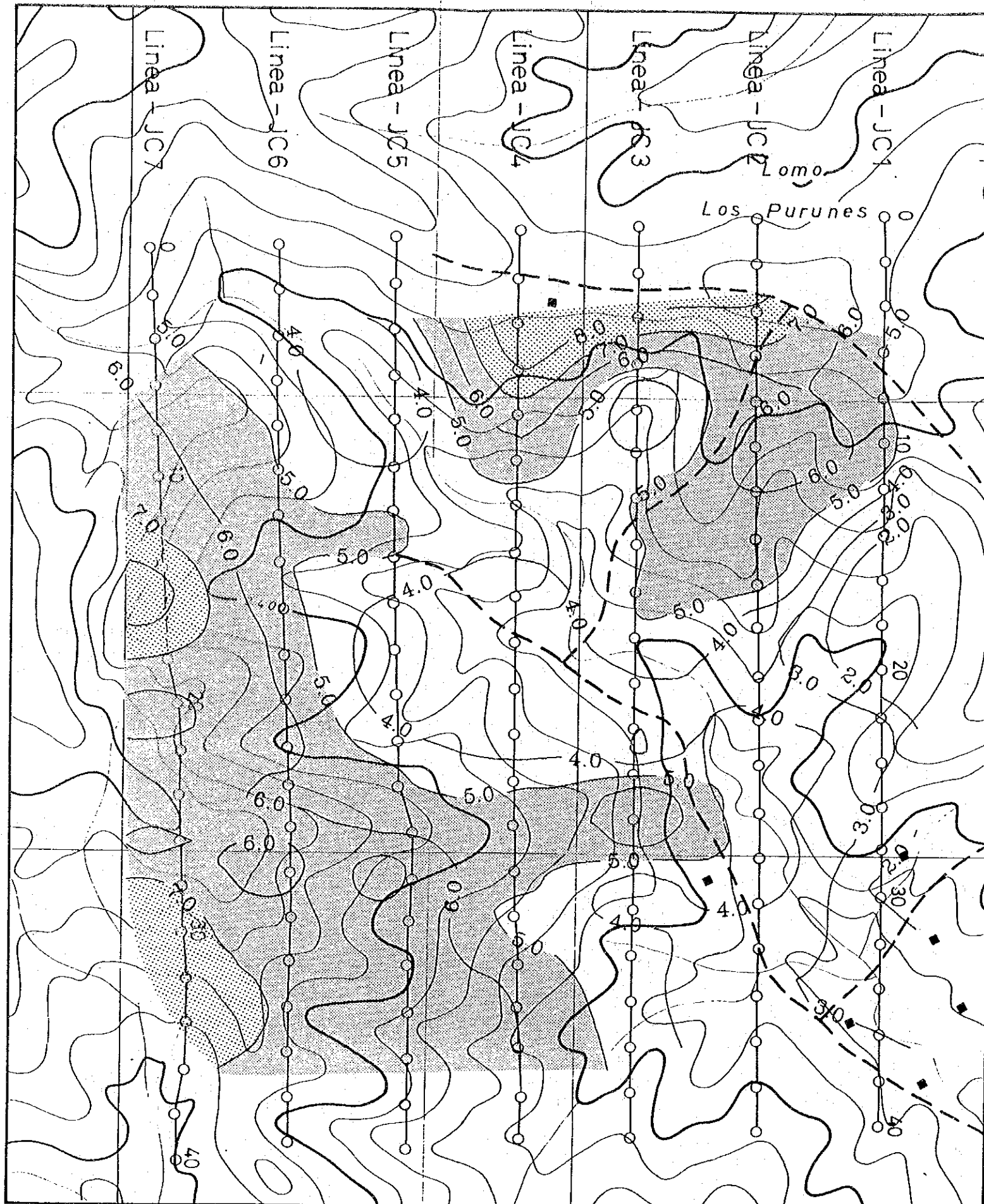
LEGEND

-  7.0 % ≤ PFE
-  5.0 % ≤ PFE < 7.0 %
-  3.0 % ≤ PFE < 5.0 %
-  PFE < 3.0 %



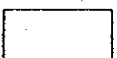
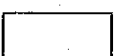


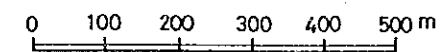
Appendix 13(2) Plane Map of Percent Frequency Effect (n=3)





LEGEND

-  7.0 % ≤ PFE
-  5.0 % ≤ PFE < 7.0 %
-  3.0 % ≤ PFE < 5.0 %
-  PFE < 3.0 %

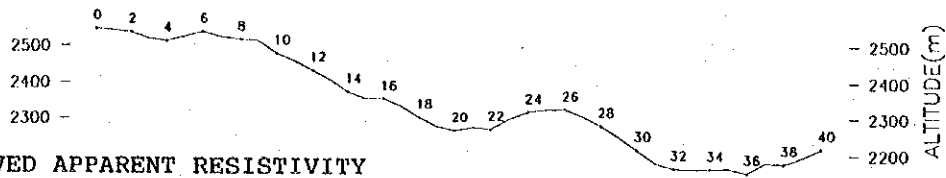


Appendix 13(3) Plane Map of Percent Frequency Effect (n=5)

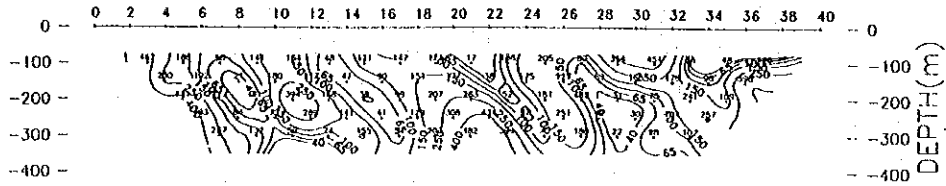


**Appendix 14(1)–(5) Results of model simulation  
(Line-JC1 to Line-JC5)**

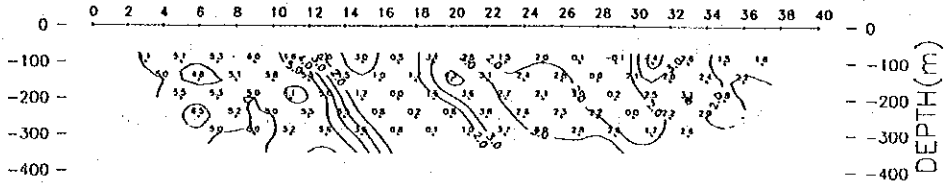
**TOPOGRAPHY**



**OBSERVED APPARENT RESISTIVITY**

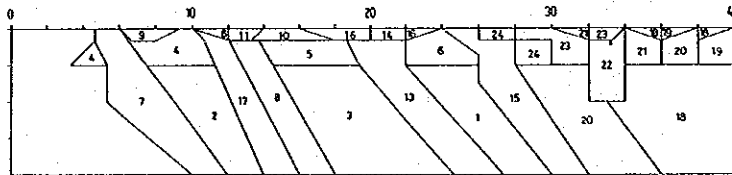


**OBSERVED PERCENT FREQUENCY EFFECT**

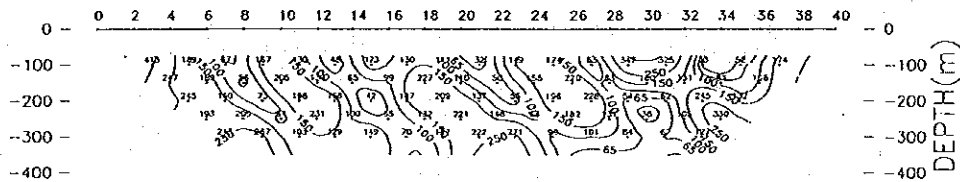


**ASSUMED MODEL**

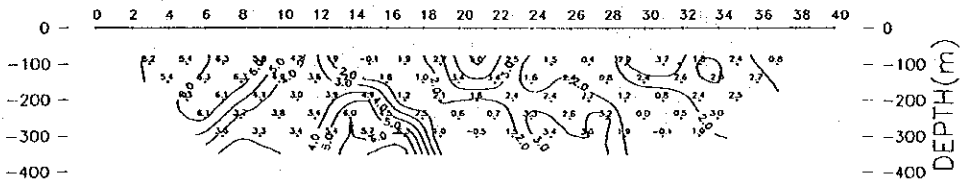
CODE NUMBER :	1	2	3	4	5	6	7	8	9	10
RESIS(ohm-m) :	600.0	650.0	600.0	150.0	200.0	250.0	80.00	60.00	400.0	250.0
P.F.E. (%) :	5.00	8.00	.000	6.00	.000	3.00	5.50	.000	5.00	.000
CODE NUMBER :	11	12	13	14	15	16	17	18	19	20
RESIS(ohm-m) :	400.0	000.0	50.00	300.0	50.00	50.00	60.00	600.0	50.00	250.0
P.F.E. (%) :	.000	.000	3.00	2.00	.000	4.50	6.00	1.00	1.50	.000
CODE NUMBER :	21	22	23	24						
RESIS(ohm-m) :	40.00	50.00	600.0	600.0						
P.F.E. (%) :	1.00	4.50	4.50	3.50						



**CALCULATED APPARENT RESISTIVITY**

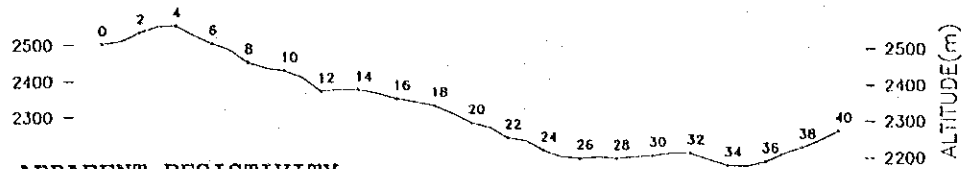


**CALCULATED PERCENT FREQUENCY EFFECT**

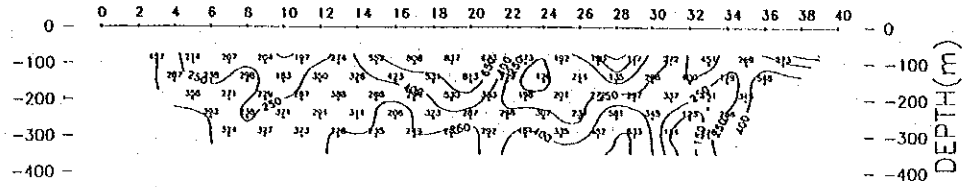


Appendix 14(1) Results of Model Simulation (Line-JC1)

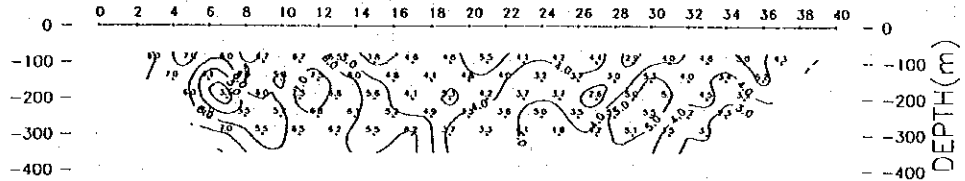
**TOPOGRAPHY**



**OBSERVED APPARENT RESISTIVITY**

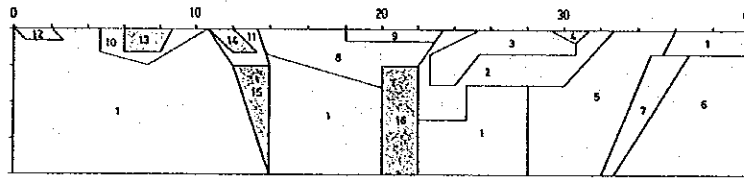


**OBSERVED PERCENT FREQUENCY EFFECT**

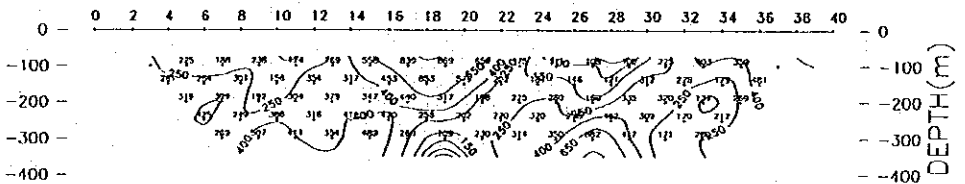


**ASSUMED MODEL**

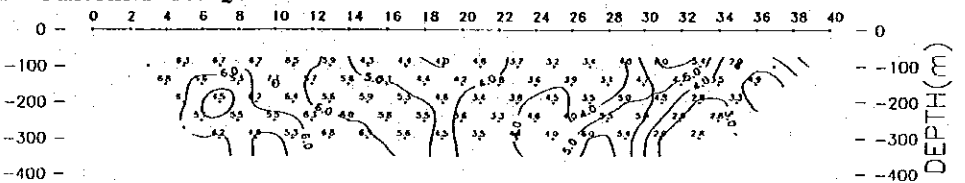
CODE NUMBER :	1	2	3	4	5	6	7	8	9	10
RESIS(ohm-m) :	350.0	200.0	100.0	150.0	800.0	1000.0	100.0	850.0	850.0	200.0
P.F.E. (%) :	5.00	4.50	3.00	2.50	6.50	2.50	4.00	4.00	5.00	6.50
CODE NUMBER :	11	12	13	14	15	16				
RESIS(ohm-m) :	150.0	500.0	160.0	150.0	350.0	800.0				
P.F.E. (%) :	5.50	7.00	7.50	7.50	8.00	7.00				



**CALCULATED APPARENT RESISTIVITY**

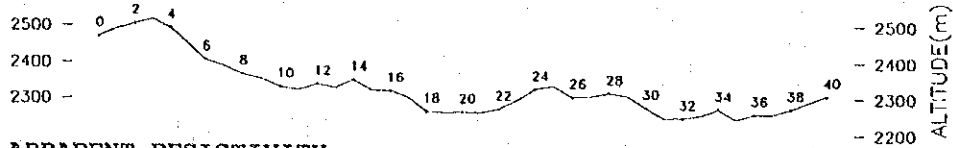


**CALCULATED PERCENT FREQUENCY EFFECT**

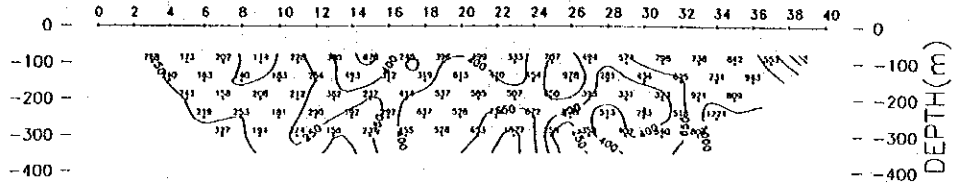


Appendix 14(2) Results of Model Simulation (Line-JC2)

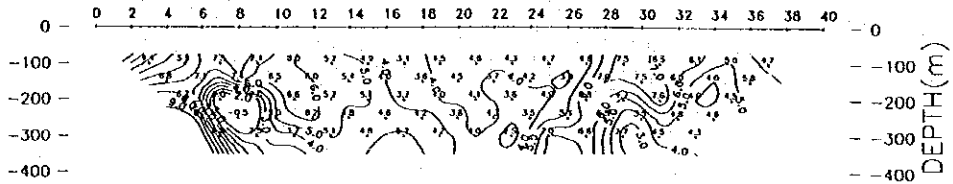
**TOPOGRAPHY**



**OBSERVED APPARENT RESISTIVITY**

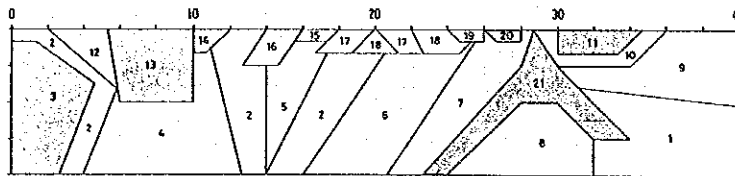


**OBSERVED PERCENT FREQUENCY EFFECT**

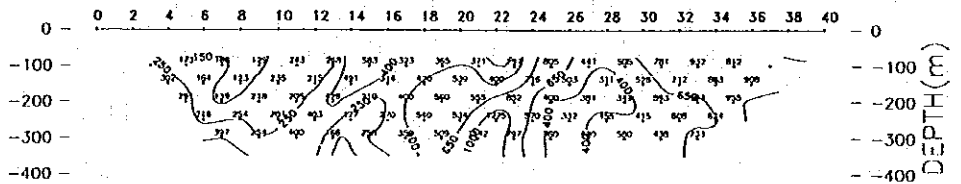


**ASSUMED MODEL**

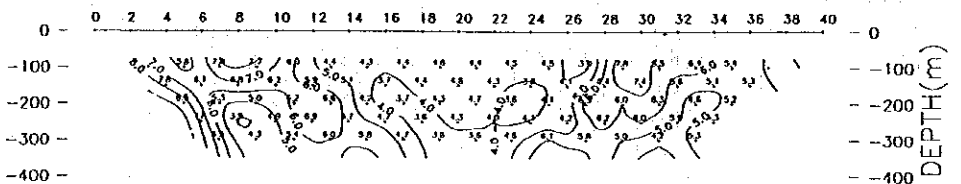
CODE NUMBER :	1	2	3	4	5	6	7	8	9	10
RESIS(ohm-m) :	4000.	400.0	400.0	170.0	800.0	800.0	1000.	250.0	800.0	1000.
P.F.E. (%) :	4.00	4.00	12.0	4.50	4.50	4.00	4.00	4.00	4.50	6.00
CODE NUMBER :	11	12	13	14	15	16	17	18	19	20
RESIS(ohm-m) :	900.0	170.0	180.0	120.0	800.0	300.0	250.0	400.0	350.0	1000.
P.F.E. (%) :	7.00	4.50	8.00	7.00	5.50	4.00	4.50	4.50	4.50	7.00
CODE NUMBER :	21									
RESIS(ohm-m) :	180.0									
P.F.E. (%) :	8.50									



**CALCULATED APPARENT RESISTIVITY**



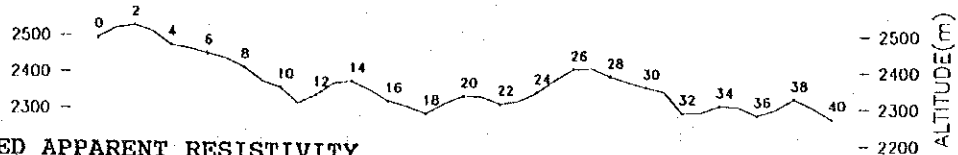
**CALCULATED PERCENT FREQUENCY EFFECT**



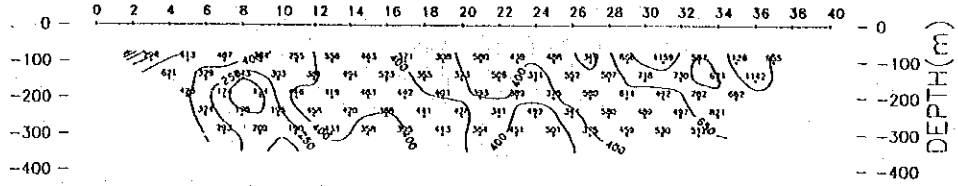
**Appendix 14(3) Results of Model Simulation (Line-JC3)**



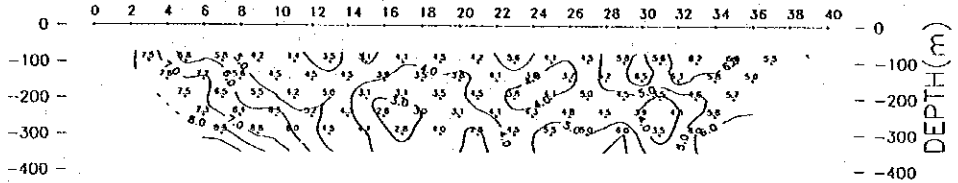
**TOPOGRAPHY**



**OBSERVED APPARENT RESISTIVITY**

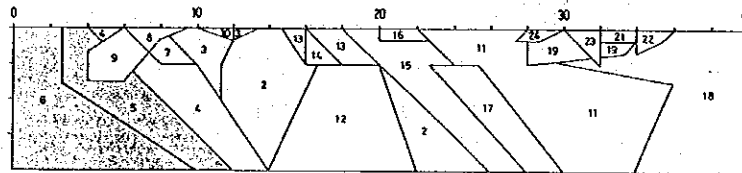


**OBSERVED PERCENT FREQUENCY EFFECT**

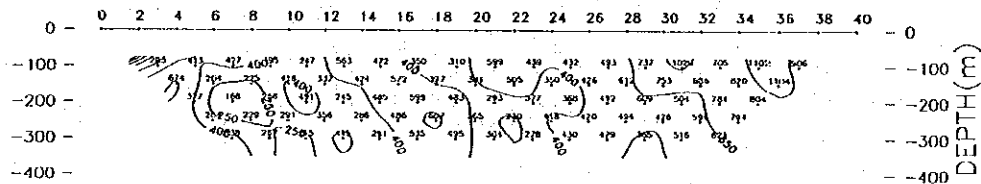


**ASSUMED MODEL**

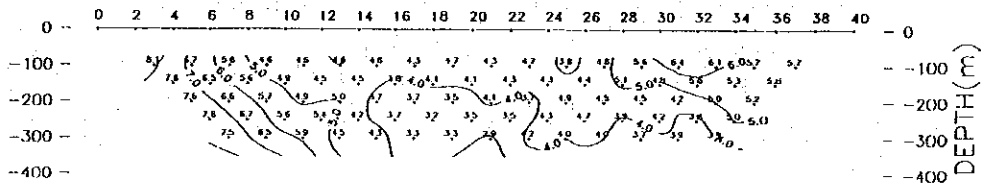
CODE NUMBER :	1	2	3	4	5	6	7	8	9	10
RESIS(ohm-m) :	4000.	650.0	250.0	150.0	200.0	600.0	550.0	800.0	800.0	800.0
P.F.E. (%) :	4.00	4.00	4.50	6.50	7.50	10.0	4.50	5.00	6.00	3.50
CODE NUMBER :	11	12	13	14	15	16	17	18	19	20
RESIS(ohm-m) :	500.0	400.0	300.0	350.0	600.0	400.0	100.0	1000.	1000.	450.0
P.F.E. (%) :	4.00	2.50	4.50	5.50	4.50	5.00	4.50	5.50	6.50	5.00
CODE NUMBER :	21	22	23	24						
RESIS(ohm-m) :	1300.	800.0	900.0	550.0						
P.F.E. (%) :	6.50	6.50	6.50	5.50						



**CALCULATED APPARENT RESISTIVITY**

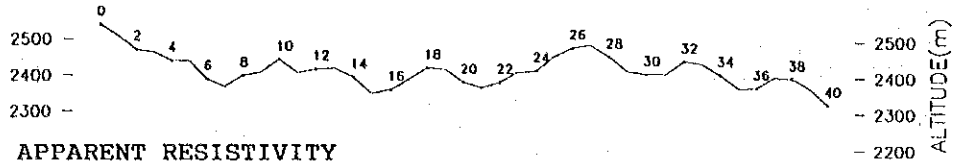


**CALCULATED PERCENT FREQUENCY EFFECT**

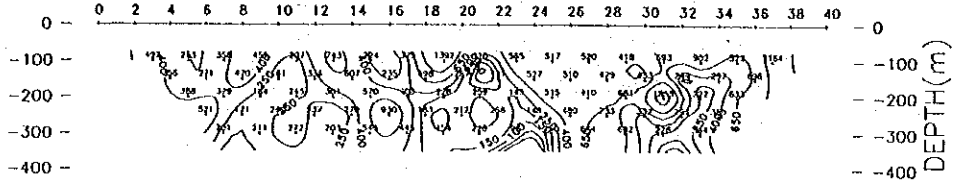


Appendix 14(4) Results of Model Simulation (Line-JC4)

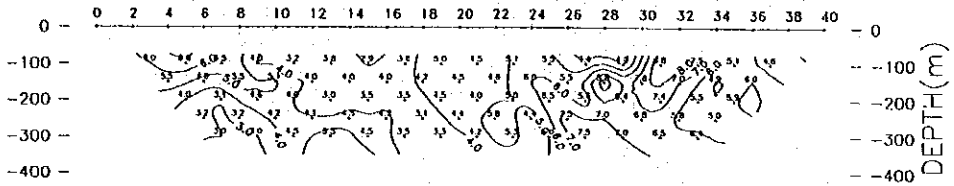
TOPOGRAPHY



OBSERVED APPARENT RESISTIVITY

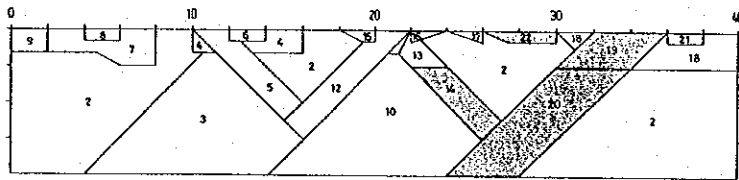


OBSERVED PERCENT FREQUENCY EFFECT

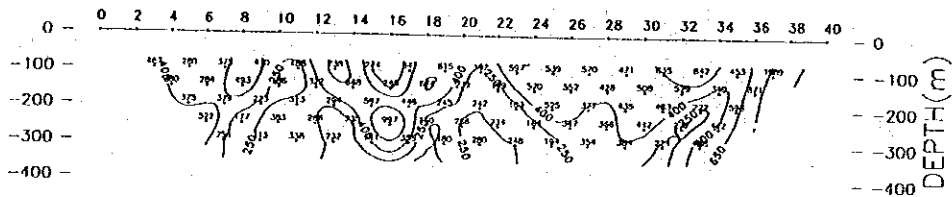


ASSUMED MODEL

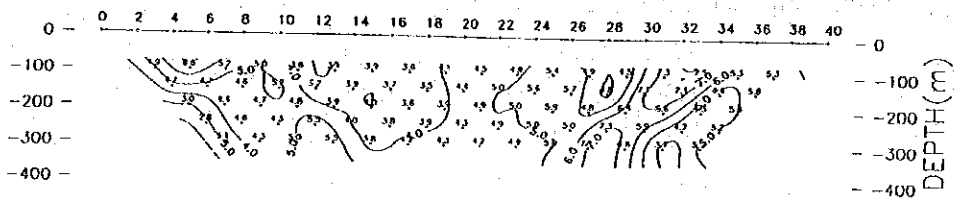
CODE NUMBER :	1	2	3	4	5	6	7	8	9	10
RESIS(ohm-m) :	4000.	350.0	200.0	400.0	900.0	200.0	350.0	500.0	500.0	100.0
P.F.E. (%) :	4.00	4.00	4.00	3.00	3.50	3.00	6.50	6.50	4.00	4.50
CODE NUMBER :	11	12	13	14	15	16	17	18	19	20
RESIS(ohm-m) :	550.0	900.0	600.0	600.0	200.0	350.0	550.0	900.0	900.0	150.0
P.F.E. (%) :	5.00	4.00	5.00	9.00	4.50	4.00	4.00	5.00	8.00	7.00
CODE NUMBER :	21	22								
RESIS(ohm-m) :	300.0	700.0								
P.F.E. (%) :	4.00	7.00								



CALCULATED APPARENT RESISTIVITY



CALCULATED PERCENT FREQUENCY EFFECT



Appendix 14(5) Results of Model Simulation (Line-JC5)

**Appendix 15(1)–(7) List of IP data (Line-JC1 to Line-JC7)**



Appendix 15(1) List of IP Data (Line-JC1)

P1-P2	C1-C2	n	I (A)	V (mV)	$\rho - a$ ( $\Omega$ -m)	FE (%)	Tc (%)	$\rho - ac$ ( $\Omega$ -m)
0-2	4-6	1	0.35	65.20	350.6	5.1	75.86	462.2
0-2	6-8	2	0.45	10.10	169.1	5.0	73.41	230.4
0-2	8-10	3	0.30	5.62	353.0	5.5	80.09	440.8
0-2	10-12	4	0.30	3.42	430.0	6.5	106.66	403.2
0-2	12-14	5	0.35	1.67	314.6	5.0	117.69	267.3
2-4	6-8	1	0.45	46.10	193.2	5.1	103.96	185.8
2-4	8-10	2	0.30	4.75	119.5	4.8	116.21	102.8
2-4	10-12	3	0.30	2.68	168.7	5.3	151.09	111.6
2-4	12-14	4	0.35	1.24	133.6	5.2	159.23	83.9
2-4	14-16	5	0.35	1.03	194.4	5.0	147.07	132.2
4-6	8-10	1	0.30	9.14	57.5	5.3	99.97	57.5
4-6	10-12	2	0.30	1.03	25.9	5.1	125.35	20.7
4-6	12-14	3	0.35	0.94	50.9	5.0	123.40	41.2
4-6	14-16	4	0.35	0.79	84.7	5.2	110.19	76.9
4-6	16-18	5	0.58	0.48	54.5	5.0	92.24	59.1
6-8	10-12	1	0.30	25.80	162.2	6.0	115.26	140.7
6-8	12-14	2	0.35	8.84	190.3	5.8	105.99	179.5
6-8	14-16	3	0.35	6.68	359.8	6.1	91.33	394.0
6-8	16-18	4	0.58	3.12	202.8	5.5	75.44	268.8
6-8	18-20	5	0.80	0.87	72.0	5.6	97.24	74.0
8-10	12-14	1	0.35	26.90	144.6	4.6	87.97	164.4
8-10	14-16	2	0.35	4.21	90.7	5.5	77.76	116.6
8-10	16-18	3	0.58	3.34	108.5	5.0	64.74	167.6
8-10	18-20	4	0.80	2.52	118.6	3.5	84.06	141.1
8-10	20-22	5	1.00	1.57	103.5	3.5	66.63	155.3
10-12	14-16	1	0.40	8.66	40.9	2.0	85.74	47.7
10-12	16-18	2	0.58	2.72	35.4	1.5	75.24	47.0
10-12	18-20	3	0.80	1.59	37.4	1.2	98.20	38.1
10-12	20-22	4	1.00	0.84	31.7	0.8	78.30	40.5
10-12	22-24	5	1.00	0.53	35.0	0.8	64.63	54.2
12-14	16-18	1	0.58	33.40	108.4	3.0	89.48	121.1
12-14	18-20	2	0.80	11.20	105.4	1.0	117.26	89.9
12-14	20-22	3	1.00	4.78	90.0	0.0	90.57	99.4
12-14	22-24	4	1.00	2.67	100.6	0.2	78.03	128.9
12-14	24-26	5	0.70	1.08	101.6	0.1	50.05	203.0
14-16	18-20	1	0.80	71.60	168.5	0.5	114.46	147.2
14-16	20-22	2	1.00	16.50	124.4	1.7	82.25	151.2
14-16	22-24	3	1.00	7.70	145.3	1.5	70.35	206.5
14-16	24-26	4	0.70	2.68	144.2	0.6	46.76	308.4
14-16	26-28	5	0.70	3.23	304.8	1.0	63.19	482.4

P1-P2	C1-C2	n	I (A)	V (mV)	$\rho - a$ ( $\Omega - m$ )	FE (%)	Tc (%)	$\rho - ac$ ( $\Omega - m$ )
16-18	20-22	1	1.00	41.90	79.1	3.1	71.52	110.6
16-18	22-24	2	1.00	15.60	117.8	4.3	66.55	177.0
16-18	24-26	3	0.70	4.48	120.6	3.6	45.84	263.1
16-18	26-28	4	0.70	5.09	274.6	3.8	63.33	433.6
16-18	28-30	5	0.65	3.97	403.2	3.7	100.94	399.4
18-20	22-24	1	1.00	8.79	16.6	2.8	100.52	16.5
18-20	24-26	2	0.70	2.57	27.6	3.1	73.10	37.8
18-20	26-28	3	0.70	2.00	53.9	2.7	103.54	52.9
18-20	28-30	4	0.65	1.34	77.7	2.6	162.92	47.7
18-20	30-32	5	0.45	1.03	151.0	3.0	216.76	69.7
20-22	24-26	1	0.70	31.40	84.4	1.5	79.77	105.8
20-22	26-28	2	0.70	19.00	204.8	2.4	117.29	174.6
20-22	28-30	3	0.65	11.00	318.9	2.1	175.89	181.3
20-22	30-32	4	0.45	6.32	529.3	2.3	210.94	250.9
20-22	32-34	5	0.25	1.05	277.3	2.8	154.33	179.7
22-24	26-28	1	0.70	102.00	275.5	2.0	134.55	204.8
22-24	28-30	2	0.65	18.70	217.1	2.8	170.78	127.1
22-24	30-32	3	0.45	4.25	178.2	2.0	174.06	102.4
22-24	32-34	4	0.25	0.38	57.7	2.2	117.66	49.0
22-24	34-36	5	0.30	0.10	22.2	2.6	99.40	22.3
24-26	28-30	1	0.65	20.90	60.5	0.1	102.31	59.1
24-26	30-32	2	0.45	3.31	55.4	0.0	92.47	59.9
24-26	32-34	3	0.25	0.25	18.5	0.2	59.81	30.9
24-26	34-36	4	0.30	0.12	15.4	0.0	50.87	30.3
24-26	36-38	5	1.40	1.01	47.3	1.7	48.36	97.8
26-28	30-32	1	0.45	71.00	297.6	-0.1	84.10	353.9
26-28	32-34	2	0.25	3.10	93.6	2.1	56.85	164.6
26-28	34-36	3	0.33	0.66	37.7	2.5	50.35	74.9
26-28	36-38	4	1.40	1.87	50.2	2.2	49.92	100.6
26-28	38-40	5	1.10	0.82	50.3	2.8	46.94	107.2
28-30	32-34	1	0.25	39.30	296.5	4.4	65.34	453.8
28-30	34-36	2	0.33	5.00	114.2	2.0	65.00	175.7
28-30	36-38	3	1.40	12.10	162.3	3.1	67.41	240.8
28-30	38-40	4	1.00	4.35	167.6	2.0	65.31	256.6
30-32	34-36	1	0.30	5.77	36.2	2.6	100.97	35.8
30-32	36-38	2	1.40	17.80	95.5	2.4	106.73	89.5
30-32	38-40	3	1.00	5.85	112.6	1.8	103.03	109.3
32-34	36-38	1	0.50	13.30	50.1	1.5	104.03	48.2
32-34	38-40	2	0.50	25.70	395.9	2.2	99.37	398.4
34-36	38-40	1	0.50	33.20	127.8	1.6	106.79	119.7

Appendix 15(2) List of IP Data (Line-JC2)

PI-P2	CI-C2	n	I (A)	V (mV)	$\rho - a$ ( $\Omega$ -m)	FE (%)	Tc (%)	$\rho - ac$ ( $\Omega$ -m)
0-2	4-6	1	0.50	168.00	631.7	6.0	155.28	406.8
0-2	6-8	2	0.50	33.00	496.8	7.0	172.89	287.4
0-2	8-10	3	0.75	22.80	572.6	6.0	160.67	356.4
0-2	10-12	4	0.75	11.30	566.7	6.0	144.38	392.5
0-2	12-14	5	0.50	3.25	427.3	7.0	131.86	324.1
2-4	6-8	1	0.50	46.80	176.6	7.0	82.73	213.5
2-4	8-10	2	0.75	17.60	177.2	4.1	74.53	237.8
2-4	10-12	3	0.75	7.05	177.2	3.5	65.41	270.9
2-4	12-14	4	0.65	2.48	143.7	5.5	60.32	238.2
2-4	14-16	5	0.55	1.34	161.0	5.5	49.27	326.8
4-6	8-10	1	0.75	75.80	190.6	6.0	92.05	207.1
4-6	10-12	2	0.75	24.10	242.0	7.0	81.31	297.6
4-6	12-14	3	0.65	6.08	176.0	6.0	76.83	229.1
4-6	14-16	4	0.55	3.43	235.3	5.7	63.48	370.7
4-6	16-18	5	0.75	2.80	246.7	6.5	66.06	373.4
6-8	10-12	1	0.75	75.40	189.1	6.7	92.67	204.1
6-8	12-14	2	0.50	10.00	150.5	5.8	92.19	163.2
6-8	14-16	3	0.50	5.87	221.6	7.3	77.19	287.1
6-8	16-18	4	0.75	4.80	241.7	6.8	82.12	294.3
6-8	18-20	5	0.75	2.41	211.1	6.2	92.58	228.0
8-10	12-14	1	0.50	49.30	186.0	6.7	94.26	197.3
8-10	14-16	2	0.50	18.40	278.5	7.5	79.60	349.9
8-10	16-18	3	0.50	8.87	335.7	6.6	86.55	387.9
8-10	18-20	4	0.75	6.07	304.5	6.1	97.90	311.0
8-10	20-22	5	0.55	2.08	250.8	5.5	106.91	234.6
10-12	14-16	1	0.50	67.50	255.6	5.5	93.37	273.7
10-12	16-18	2	0.50	22.60	341.9	6.0	104.98	325.7
10-12	18-20	3	0.50	8.20	308.3	5.6	115.78	266.3
10-12	20-22	4	0.55	3.67	252.8	5.2	122.98	205.6
10-12	22-24	5	0.30	1.38	305.0	6.2	122.58	248.8
12-14	16-18	1	0.50	157.00	591.9	3.8	107.21	552.1
12-14	18-20	2	0.50	32.20	483.1	4.8	114.20	423.0
12-14	20-22	3	0.50	8.98	339.6	4.1	115.37	294.4
12-14	22-24	4	0.30	2.87	361.7	4.9	112.11	322.6
12-14	24-26	5	0.35	1.29	243.6	3.7	119.87	203.2
14-16	18-20	1	0.50	226.00	848.9	4.6	105.07	807.9
14-16	20-22	2	0.50	36.50	553.7	4.1	104.29	530.9
14-16	22-24	3	0.30	8.20	517.9	5.3	97.65	530.4
14-16	24-26	4	0.30	2.31	291.4	3.5	101.67	286.6
14-16	26-28	5	1.00	3.71	245.4	3.3	84.07	291.9

P1-P2	C1-C2	n	I (A)	V (mV)	$\rho - a$ ( $\Omega - m$ )	FE (%)	Tc (%)	$\rho - ac$ ( $\Omega - m$ )
16-18	20-22	1	0.50	200.00	763.2	4.6	91.24	836.5
16-18	22-24	2	0.30	27.50	696.9	4.8	85.73	812.9
16-18	24-26	3	0.30	4.71	297.6	4.2	89.44	332.7
16-18	26-28	4	1.00	5.87	222.3	3.6	74.70	297.6
16-18	28-30	5	0.75	3.65	322.2	4.1	69.40	464.3
18-20	22-24	1	0.30	104.00	652.4	5.5	96.94	673.0
18-20	24-26	2	0.30	9.05	226.7	4.0	98.88	229.3
18-20	26-28	3	1.00	8.57	160.8	3.7	81.36	197.6
18-20	28-30	4	0.75	4.71	235.6	5.0	76.65	307.4
18-20	30-32	5	0.75	2.43	212.2	4.8	63.41	334.6
20-22	24-26	1	0.30	29.80	187.0	4.1	108.27	172.7
20-22	26-28	2	1.00	14.40	108.5	3.2	85.93	126.3
20-22	28-30	3	0.75	6.58	165.2	3.7	82.37	200.6
20-22	30-32	4	0.75	3.19	159.9	3.5	69.25	230.9
20-22	32-34	5	1.00	6.66	439.6	4.2	91.25	481.8
22-24	26-28	1	1.00	78.20	147.4	4.2	76.79	192.0
22-24	28-30	2	0.75	19.90	200.0	3.7	82.02	243.8
22-24	30-32	3	0.75	7.67	192.4	2.6	70.70	272.1
22-24	32-34	4	1.00	14.40	543.9	5.5	93.55	581.4
22-24	34-36	5	1.80	20.50	751.1	5.1	118.62	633.2
24-26	28-30	1	0.75	52.70	132.5	4.4	110.16	120.3
24-26	30-32	2	0.75	12.80	128.5	3.0	94.98	135.3
24-26	32-34	3	1.00	19.50	368.5	5.0	123.96	297.3
24-26	34-36	4	1.80	25.20	527.9	5.5	153.19	344.6
24-26	36-38	5	1.00	2.34	155.5	3.5	116.18	133.8
26-28	30-32	1	0.75	41.60	104.5	2.9	89.16	117.2
26-28	32-34	2	1.00	41.10	311.0	5.3	116.02	268.1
26-28	34-36	3	1.80	44.00	461.2	5.1	136.89	336.9
26-28	36-38	4	1.00	3.24	123.1	3.2	100.45	122.5
26-28	38-40	5	0.75	2.07	182.8	3.1	81.20	225.1
28-30	32-34	1	1.00	182.00	344.9	4.0	126.86	271.9
28-30	34-36	2	1.80	129.00	541.3	4.0	135.23	400.3
28-30	36-38	3	1.00	7.56	143.6	4.5	95.09	151.0
28-30	38-40	4	0.75	4.38	220.9	2.3	77.33	285.7
30-32	34-36	1	1.40	313.00	420.5	4.6	93.28	450.8
30-32	36-38	2	0.60	9.37	118.3	3.4	66.27	178.5
30-32	38-40	3	0.45	4.61	193.0	3.5	55.85	345.6
32-34	36-38	1	0.40	42.70	202.7	5.0	75.29	269.2
32-34	38-40	2	0.30	15.10	379.6	5.2	69.22	548.4
34-36	38-40	1	0.30	42.30	263.5	4.3	96.55	272.9



Appendix 15(3) List of IP Data (Line-JC3)

PI-P2	CI-C2	n	I (A)	V (mV)	$\rho - a$ ( $\Omega - m$ )	FE (%)	Tc (%)	$\rho - ac$ ( $\Omega - m$ )
0-2	4-6	1	0.50	141.00	531.9	4.4	198.57	267.9
0-2	6-8	2	1.00	40.60	305.8	6.8	127.41	240.0
0-2	8-10	3	0.70	9.07	244.9	8.2	101.01	242.5
0-2	10-12	4	0.45	2.48	208.2	8.8	95.02	219.1
0-2	12-14	5	0.75	2.41	212.4	6.5	64.98	326.9
2-4	6-8	1	1.00	45.70	86.1	5.9	49.71	173.2
2-4	8-10	2	0.70	6.44	69.6	7.1	42.81	162.6
2-4	10-12	3	0.45	1.58	66.3	0.0	41.91	158.2
2-4	12-14	4	0.75	1.49	75.0	-0.5	29.68	252.7
2-4	14-16	5	0.70	0.61	57.6	2.5	29.73	193.7
4-6	8-10	1	0.70	70.40	190.5	7.5	94.41	201.8
4-6	10-12	2	0.45	8.00	134.4	7.4	96.25	139.6
4-6	12-14	3	0.70	5.30	143.0	2.0	68.78	207.9
4-6	14-16	4	0.70	2.33	125.7	5.0	69.62	180.6
4-6	16-18	5	0.40	1.55	256.0	3.7	93.49	273.8
6-8	10-12	1	0.40	24.90	117.2	7.1	102.52	114.3
6-8	12-14	2	0.70	12.60	135.5	6.5	74.24	182.5
6-8	14-16	3	0.70	6.06	162.9	6.6	76.95	211.7
6-8	16-18	4	0.40	3.22	302.8	6.2	104.58	289.5
6-8	18-20	5	0.60	1.81	199.0	5.1	127.86	155.6
8-10	12-14	1	0.70	63.50	171.0	6.0	75.16	227.5
8-10	14-16	2	0.70	19.90	214.3	6.0	84.38	254.0
8-10	16-18	3	0.40	8.85	417.0	5.2	115.07	362.4
8-10	18-20	4	0.60	4.20	264.5	4.8	137.59	192.2
8-10	20-22	5	1.00	4.35	286.5	4.8	120.95	236.9
10-12	14-16	1	0.70	136.00	366.2	5.2	96.40	379.9
10-12	16-18	2	0.40	35.30	665.3	5.4	135.10	492.5
10-12	18-20	3	0.60	11.50	362.0	5.1	152.46	237.4
10-12	20-22	4	1.00	9.97	375.1	4.6	128.52	291.9
10-12	22-24	5	0.90	6.01	439.8	5.2	96.68	454.9
12-14	16-18	1	0.40	134.00	631.5	4.9	94.27	669.9
12-14	18-20	2	0.60	26.20	329.9	4.0	105.62	312.3
12-14	20-22	3	1.00	18.00	338.5	3.7	81.83	413.7
12-14	22-24	4	0.90	9.71	406.0	4.2	63.75	636.9
12-14	24-26	5	0.33	1.19	237.5	4.2	45.15	526.0
14-16	18-20	1	0.60	76.00	239.0	3.4	96.36	248.0
14-16	20-22	2	1.00	31.90	239.7	3.6	75.26	318.5
14-16	22-24	3	0.90	15.40	321.7	4.0	59.91	537.0
14-16	24-26	4	0.30	1.78	223.2	3.8	42.24	528.4
14-16	26-28	5	0.40	2.53	416.7	4.0	63.85	652.6

PI-P2	C1-C2	n	I (A)	V (mV)	$\rho - a$ ( $\Omega - m$ )	FE (%)	Tc (%)	$\rho - ac$ ( $\Omega - m$ )
16-18	20-22	1	1.00	184.00	344.8	4.5	87.19	395.5
16-18	22-24	2	0.90	55.20	460.9	4.5	75.25	612.5
16-18	24-26	3	0.30	5.03	315.3	4.1	53.88	585.2
16-18	26-28	4	0.40	6.76	636.1	4.3	86.65	734.1
18-20	22-24	1	0.90	166.00	348.2	4.6	87.23	399.2
18-20	24-26	2	0.30	10.80	271.9	3.7	66.27	410.3
18-20	26-28	3	0.37	11.30	577.1	3.6	113.80	507.1
20-22	24-26	1	0.30	41.40	260.1	4.3	78.18	332.7
20-22	26-28	2	0.37	32.40	660.4	4.2	145.51	453.9
22-24	26-28	1	0.37	223.00	1136.7	4.7	160.87	706.6
28-30	24-26	1	0.30	55.50	348.5	4.6	70.59	493.7
28-30	22-24	2	0.75	107.00	1075.7	3.9	109.96	978.3
28-30	20-22	3	1.00	40.90	770.9	4.0	118.60	650.0
28-30	18-20	4	0.50	8.98	678.7	3.5	101.02	671.8
28-30	16-18	5	0.45	5.79	847.6	2.5	78.67	1077.4
30-32	26-28	1	0.45	199.00	834.0	7.5	145.36	573.7
30-32	24-26	2	0.30	13.10	329.3	7.0	117.20	281.0
30-32	22-24	3	0.75	28.00	704.0	6.8	179.29	392.7
30-32	20-22	4	1.00	15.30	577.1	5.1	208.00	277.5
30-32	18-20	5	0.50	3.66	484.4	7.0	187.29	258.6
32-34	28-30	1	0.75	169.00	424.3	6.5	53.31	795.9
32-34	26-28	2	0.45	20.50	343.4	7.5	79.15	433.9
32-34	24-26	3	0.30	3.70	232.3	4.7	70.13	331.2
32-34	22-24	4	0.75	11.40	572.9	5.5	111.67	513.0
32-34	20-22	5	1.00	7.47	492.7	6.6	137.81	357.5
34-36	30-32	1	0.50	234.00	882.2	6.1	119.49	738.3
34-36	28-30	2	0.75	40.00	401.9	6.0	64.28	625.2
34-36	26-28	3	0.50	7.34	276.6	7.6	85.58	323.2
34-36	24-26	4	0.35	1.72	185.2	3.5	73.20	253.0
34-36	22-24	5	0.75	5.56	489.0	2.7	119.70	408.5
36-38	32-34	1	0.50	166.00	625.5	5.0	74.32	841.6
36-38	30-32	2	0.50	58.90	888.1	4.0	121.00	734.0
36-38	28-30	3	0.75	23.80	597.6	4.0	64.70	923.6
36-38	26-28	4	0.50	5.73	431.8	4.8	83.30	518.4
36-38	24-26	5	0.35	1.97	371.0	4.5	68.77	539.5
38-40	34-36	1	0.60	152.00	478.0	4.7	86.51	552.5
38-40	32-34	2	0.50	43.00	648.9	5.8	68.78	943.4
38-40	30-32	3	0.50	22.00	830.1	4.5	102.56	809.4
38-40	28-30	4	0.75	13.30	668.5	4.6	54.60	1224.4
38-40	26-28	5	0.50	4.20	554.3	4.3	68.57	808.4

Appendix 15(4) List of IP Data (Line-JC4)

P1-P2	C1-C2	n	I	V	$\rho - a$	FE	Tc	$\rho - ac$
		n	(A)	(mV)	( $\Omega - m$ )	(%)	(%)	( $\Omega - m$ )
0-2	4-6	1	0.60	98.40	306.4	7.5	104.32	293.7
0-2	6-8	2	0.50	33.20	493.9	7.6	79.49	621.3
0-2	8-10	3	0.45	10.00	415.2	7.5	98.13	423.1
0-2	10-12	4	0.30	3.01	366.0	7.3	113.10	323.6
0-2	12-14	5	0.50	0.94	122.5	8.5	41.88	292.5
2-4	6-8	1	0.50	91.80	345.9	5.8	83.67	413.4
2-4	8-10	2	0.45	20.60	347.0	7.2	105.34	329.4
2-4	10-12	3	0.30	3.24	200.0	6.5	115.22	173.6
2-4	12-14	4	0.50	0.99	74.8	6.4	42.78	174.8
2-4	14-16	5	1.00	1.72	113.9	6.8	54.64	208.5
4-6	8-10	1	0.45	140.00	588.9	5.8	120.88	487.2
4-6	10-12	2	0.30	6.98	172.2	5.6	120.55	142.8
4-6	12-14	3	0.50	1.48	56.1	5.5	45.34	123.7
4-6	14-16	4	1.00	3.09	117.1	6.5	60.15	194.7
4-6	16-18	5	1.00	2.82	187.2	6.0	98.61	189.8
6-8	10-12	1	0.30	52.20	320.3	4.2	83.33	384.4
6-8	12-14	2	0.45	6.14	103.6	4.5	34.23	302.7
6-8	14-16	3	1.00	11.20	212.3	4.2	47.59	446.1
6-8	16-18	4	1.10	10.70	369.0	5.2	80.52	458.3
6-8	18-20	5	1.10	4.95	297.2	4.5	68.72	432.5
8-10	12-14	1	0.45	21.70	93.9	4.4	36.85	254.8
8-10	14-16	2	1.00	29.70	229.1	4.5	60.12	381.1
8-10	16-18	3	1.10	25.20	440.8	5.0	105.32	418.5
8-10	18-20	4	1.10	11.00	382.3	4.3	90.94	420.4
8-10	20-22	5	1.10	4.05	246.5	4.1	68.87	357.9
10-12	14-16	1	1.00	487.00	912.6	3.5	164.14	556.0
10-12	16-18	2	1.10	164.00	1115.9	4.5	225.86	494.1
10-12	18-20	3	1.10	46.20	780.8	3.1	168.80	462.6
10-12	20-22	4	1.10	13.90	470.6	2.8	121.35	387.8
10-12	22-24	5	1.10	12.80	741.4	2.8	187.50	395.4
12-14	16-18	1	1.00	234.00	441.3	5.1	95.34	462.9
12-14	18-20	2	1.10	49.30	336.4	3.9	64.33	522.9
12-14	20-22	3	1.10	11.90	203.6	3.1	46.08	441.8
12-14	22-24	4	1.10	9.54	319.6	3.0	72.50	440.8
12-14	24-26	5	0.60	1.86	211.5	4.0	47.77	442.7
14-16	18-20	1	1.10	165.00	281.0	4.1	75.68	371.3
14-16	20-22	2	1.10	30.40	207.9	3.5	56.90	365.4
14-16	22-24	3	1.10	22.00	369.1	3.5	92.03	401.1
14-16	24-26	4	0.60	3.89	253.2	3.1	59.11	428.4
14-16	26-28	5	0.60	1.19	129.4	2.8	35.58	363.7

P1-P2	C1-C2	n	I	V	$\rho - a$	FE	Tc	$\rho - ac$
		n	(A)	(mV)	( $\Omega - m$ )	(%)	(%)	( $\Omega - m$ )
16-18	20-22	1	1.10	154.00	264.7	4.5	86.01	307.8
16-18	22-24	2	1.10	79.50	537.0	3.8	144.01	372.9
16-18	24-26	3	0.60	11.10	363.7	4.5	92.44	393.4
16-18	26-28	4	0.60	3.03	189.0	4.1	55.37	341.3
16-18	28-30	5	0.80	6.21	510.9	4.5	113.26	451.1
18-20	22-24	1	1.00	432.00	802.7	4.2	138.37	580.1
18-20	24-26	2	0.60	30.40	399.1	4.1	78.90	505.8
18-20	26-28	3	0.60	6.49	201.8	3.8	51.93	388.6
18-20	28-30	4	0.80	11.20	525.3	4.3	106.73	492.2
18-20	30-32	5	0.28	3.12	720.1	5.5	143.67	501.2
20-22	24-26	1	0.60	78.30	261.5	5.6	59.54	439.2
20-22	26-28	2	0.60	10.80	134.7	3.8	43.32	310.9
20-22	28-30	3	0.80	14.80	348.7	4.1	92.88	375.4
20-22	30-32	4	0.28	3.13	414.9	4.8	120.72	343.7
20-22	32-34	5	0.15	1.11	536.0	5.0	142.87	375.2
26-28	22-24	1	0.50	111.00	390.7	4.1	80.09	487.8
28-30	24-26	1	0.60	173.00	557.9	4.5	159.67	349.4
28-30	22-24	2	1.00	133.00	961.5	3.7	174.34	551.5
30-32	26-28	1	0.55	202.00	691.6	5.8	79.91	865.5
30-32	24-26	2	0.60	55.30	706.5	5.2	139.33	507.1
30-32	22-24	3	1.00	62.80	1125.6	5.0	200.97	560.1
32-34	28-30	1	0.80	450.00	1181.8	5.6	101.96	1159.1
32-34	26-28	2	0.55	37.60	567.5	6.5	79.08	717.6
32-34	24-26	3	0.60	23.50	834.7	4.5	135.92	614.1
32-34	22-24	4	1.00	31.80	1272.6	4.5	219.62	579.5
34-36	30-32	1	0.28	62.40	375.3	6.2	66.20	566.9
34-36	28-30	2	0.80	43.60	419.8	6.3	57.55	729.5
34-36	26-28	3	0.55	6.15	221.6	3.5	45.01	492.3
34-36	24-26	4	0.60	5.61	388.2	3.9	79.37	489.1
34-36	22-24	5	1.00	9.02	623.3	6.0	135.87	458.7
36-38	32-34	1	0.15	144.00	1457.3	6.0	129.40	1126.2
36-38	30-32	2	0.28	29.50	596.1	5.8	95.95	621.3
36-38	28-30	3	0.80	29.10	565.3	4.6	72.26	782.3
36-38	26-28	4	0.55	4.51	261.4	4.0	52.59	497.1
36-38	24-26	5	0.60	4.88	475.2	3.5	89.73	529.6
38-40	34-36	1	2.10	59.50	715.0	5.5	74.84	955.4
38-40	32-34	2	0.15	19.50	1093.2	5.0	95.75	1141.7
38-40	30-32	3	0.28	7.59	501.7	5.7	75.75	662.3
38-40	28-30	4	0.80	9.60	474.2	5.6	57.73	821.4
38-40	26-28	5	0.55	1.66	211.3	6.0	41.26	512.1

Appendix 15(5) List of IP Data (Line-JC5)

P1-P2	C1-C2	n	I (A)	V (mV)	$\rho - s$ ( $\Omega - m$ )	FE (%)	Tc (%)	$\rho - ac$ ( $\Omega - m$ )
0-2	4-6	1	0.75	182.00	459.9	6.0	93.40	492.4
0-2	6-8	2	0.40	24.10	449.1	5.5	126.23	355.8
0-2	8-10	3	0.33	3.32	193.9	4.0	52.67	368.1
0-2	10-12	4	0.33	2.68	311.5	3.2	59.78	521.1
0-2	12-14	5	0.40	0.63	105.9	3.0	52.69	201.0
2-4	6-8	1	0.40	74.40	346.5	6.6	136.79	253.3
2-4	8-10	2	0.33	5.97	140.0	4.6	51.66	271.0
2-4	10-12	3	0.33	3.98	231.4	3.1	61.11	378.7
2-4	12-14	4	0.40	1.01	97.2	3.2	56.91	170.8
2-4	14-16	5	0.40	1.78	294.8	3.0	140.02	210.5
4-6	8-10	1	0.33	25.70	153.8	5.5	42.94	358.2
4-6	10-12	2	0.33	11.70	274.7	5.5	58.43	470.1
4-6	12-14	3	0.40	2.22	107.4	4.6	58.37	184.0
4-6	14-16	4	0.40	3.88	368.7	4.2	141.86	259.9
4-6	16-18	5	0.38	1.32	228.6	4.5	84.06	271.9
6-8	10-12	1	0.33	93.10	526.2	4.0	116.62	451.2
6-8	12-14	2	0.40	10.60	198.0	5.1	123.03	160.9
6-8	14-16	3	0.40	14.50	665.9	4.0	271.78	245.0
6-8	16-18	4	0.38	3.68	352.9	4.1	148.89	237.0
6-8	18-20	5	0.50	1.50	194.8	5.5	96.03	202.9
8-10	12-14	1	0.40	26.70	126.4	3.2	61.17	206.6
8-10	14-16	2	0.40	24.50	456.6	4.0	136.86	333.6
8-10	16-18	3	0.38	4.27	208.5	3.0	69.29	300.9
8-10	18-20	4	0.50	1.60	121.2	4.5	44.87	270.1
8-10	20-22	5	0.30	2.58	574.7	4.5	105.32	545.7
10-12	14-16	1	0.50	367.00	1358.6	3.8	182.83	743.1
10-12	16-18	2	0.50	31.30	464.2	4.0	76.48	607.0
10-12	18-20	3	0.50	7.33	277.9	3.5	48.72	570.4
10-12	20-22	4	0.30	8.50	1082.3	4.2	116.41	929.7
10-12	22-24	5	0.33	1.72	342.6	3.5	76.93	445.3
12-14	16-18	1	0.40	16.50	77.9	2.9	34.80	223.9
12-14	18-20	2	0.50	4.08	63.0	4.0	26.76	235.4
12-14	20-22	3	0.30	4.34	280.5	3.5	69.60	403.0
12-14	22-24	4	0.33	0.76	87.2	3.1	47.66	183.0
12-14	24-26	5	0.75	0.79	68.1	3.3	44.37	153.5
14-16	18-20	1	0.50	71.90	278.4	3.6	74.30	374.7
14-16	20-22	2	0.30	52.10	1339.3	4.2	191.99	697.6
14-16	22-24	3	0.30	4.33	272.3	4.5	119.35	228.2
14-16	24-26	4	0.75	4.69	229.3	4.4	108.32	211.7
14-16	26-28	5	0.30	0.58	131.9	4.2	58.25	226.4

P1-P2	C1-C2	n	I (A)	V (mV)	$\rho - a$ ( $\Omega - m$ )	FE (%)	Tc (%)	$\rho - ac$ ( $\Omega - m$ )
16-18	20-22	1	0.30	396.00	2488.2	5.0	178.80	1391.6
16-18	22-24	2	0.30	9.21	226.8	4.5	88.41	256.5
16-18	24-26	3	0.75	8.65	207.7	4.0	80.26	258.8
16-18	26-28	4	0.30	0.91	116.9	5.8	45.75	255.5
16-18	28-30	5	0.28	0.54	137.0	5.3	139.17	98.4
18-20	22-24	1	0.30	8.78	54.1	4.5	49.33	109.7
18-20	24-26	2	0.75	6.84	66.4	4.6	50.76	130.8
18-20	26-28	3	0.30	0.64	41.8	5.0	29.16	143.3
18-20	28-30	4	0.28	0.90	130.9	4.4	88.71	147.6
18-20	30-32	5	0.45	0.86	123.9	5.0	82.79	149.7
20-22	24-26	1	0.75	256.00	638.0	5.1	112.95	564.9
20-22	26-28	2	0.28	12.40	359.3	6.0	68.14	527.3
20-22	28-30	3	0.28	14.20	1057.8	6.5	205.49	514.8
20-22	30-32	4	0.45	10.50	878.8	7.5	183.14	479.9
20-22	32-34	5	0.75	7.10	622.0	7.5	90.96	683.8
22-24	26-28	1	0.28	46.30	357.7	5.5	69.17	517.1
22-24	28-30	2	0.28	33.10	992.1	5.5	194.71	508.5
22-24	30-32	3	0.45	14.70	606.8	5.6	147.84	410.4
22-24	32-34	4	0.75	10.40	512.7	7.0	69.92	733.3
22-24	34-36	5	0.80	15.20	1234.3	7.0	181.09	681.6
28-30	24-26	1	0.80	458.00	1090.0	4.4	209.66	519.9
30-32	26-28	1	0.33	36.20	183.2	4.0	43.83	418.0
30-32	24-26	2	0.80	60.40	517.9	8.6	108.08	479.2
32-34	28-30	1	0.28	57.30	397.6	8.8	57.40	692.7
32-34	26-28	2	0.33	4.78	101.9	7.6	23.51	433.4
32-34	24-26	3	0.80	15.70	344.3	6.4	50.58	680.7
34-36	30-32	1	0.40	370.00	1749.2	7.5	193.86	902.3
34-36	28-30	2	0.28	15.60	438.1	7.0	179.29	244.4
34-36	26-28	3	0.33	22.40	1217.2	7.4	65.61	1855.2
34-36	24-26	4	0.80	10.00	442.7	6.8	133.46	331.7
36-38	32-34	1	0.75	71.60	180.1	5.1	34.50	522.0
36-38	30-32	2	0.40	12.40	234.5	4.9	79.00	296.8
36-38	28-30	3	0.28	2.88	203.6	5.5	91.62	222.2
36-38	26-28	4	0.33	0.91	99.6	5.8	34.22	291.1
36-38	24-26	5	0.80	1.97	153.5	6.5	67.79	226.4
38-40	34-36	1	0.75	782.00	1962.3	4.6	168.54	1164.3
38-40	32-34	2	0.75	38.70	388.9	6.0	55.86	696.2
38-40	28-30	3	0.40	15.20	717.6	5.9	113.46	632.5
38-40	26-28	4	0.28	3.48	493.7	5.0	129.92	380.0
38-40	24-26	5	0.33	0.84	162.5	6.4	48.71	333.6

Appendix 15(6) List of IP Data (Line-JC6)

P1-P2	C1-C2	n	I (A)	V (mV)	$\rho - a$ ( $\Omega - m$ )	FE (%)	Tc (%)	$\rho - ac$ ( $\Omega - m$ )
0-2	4-6	1	0.30	29.50	185.7	6.0	63.41	292.9
0-2	6-8	2	0.33	8.80	199.4	6.0	42.63	467.7
0-2	8-10	3	0.70	4.51	125.1	5.8	36.06	346.9
0-2	10-12	4	0.50	2.44	185.3	4.5	73.17	253.2
0-2	12-14	5	0.60	2.54	278.7	4.5	126.18	220.9
2-4	6-8	1	0.30	70.20	437.8	7.0	74.81	585.2
2-4	8-10	2	0.70	27.40	304.4	6.0	70.99	428.8
2-4	10-12	3	0.50	12.80	484.4	5.3	143.11	338.5
2-4	12-14	4	0.60	9.16	572.0	6.6	231.70	246.9
2-4	14-16	5	0.60	7.21	766.7	5.0	187.92	408.0
4-6	8-10	1	0.70	159.00	445.9	7.5	81.09	549.9
4-6	10-12	2	0.50	43.10	651.2	8.0	167.04	389.8
4-6	12-14	3	0.60	19.80	616.7	5.8	230.62	267.4
4-6	14-16	4	0.55	10.00	662.6	5.0	165.93	399.3
4-6	16-18	5	0.50	9.98	1317.7	5.1	120.84	1090.5
6-8	10-12	1	0.50	251.00	907.6	5.6	177.51	511.3
6-8	12-14	2	0.60	64.50	777.2	5.6	169.62	458.2
6-8	14-16	3	0.50	15.10	536.1	6.6	104.07	515.1
6-8	16-18	4	0.45	3.26	267.8	5.6	73.74	363.2
6-8	18-20	5	1.30	3.47	180.1	5.5	51.96	346.6
8-10	12-14	1	0.50	118.00	441.1	5.8	69.07	638.6
8-10	14-16	2	0.45	14.30	234.7	6.0	44.34	529.3
8-10	16-18	3	0.45	2.91	124.9	5.8	33.46	373.3
8-10	18-20	4	1.30	2.78	85.9	6.5	25.02	343.3
8-10	20-22	5	1.30	3.52	174.3	5.0	34.77	501.3
10-12	14-16	1	0.40	29.70	138.1	8.4	63.07	219.0
10-12	16-18	2	0.40	6.16	120.3	6.5	54.22	221.9
10-12	18-20	3	1.30	4.63	71.7	5.7	42.85	167.3
10-12	20-22	4	1.30	5.38	152.0	7.3	58.90	253.8
10-12	22-24	5	0.50	2.64	407.8	5.8	90.79	449.2
12-14	16-18	1	0.35	19.70	112.5	6.5	95.90	117.3
12-14	18-20	2	1.30	16.60	103.4	6.8	80.74	128.1
12-14	20-22	3	1.30	14.40	203.2	6.3	110.97	183.1
12-14	22-24	4	0.50	2.36	207.1	7.8	167.35	123.8
12-14	24-26	5	0.28	3.00	725.3	6.1	82.07	883.8
14-16	18-20	1	1.30	153.00	227.0	5.3	95.88	236.8
14-16	20-22	2	1.30	73.80	396.1	6.2	127.27	311.2
14-16	22-24	3	0.50	9.99	417.3	7.3	178.02	234.4
14-16	24-26	4	0.28	6.98	908.4	7.0	82.46	1101.6
14-16	26-28	5	0.28	7.20	1489.1	6.8	103.40	1440.1

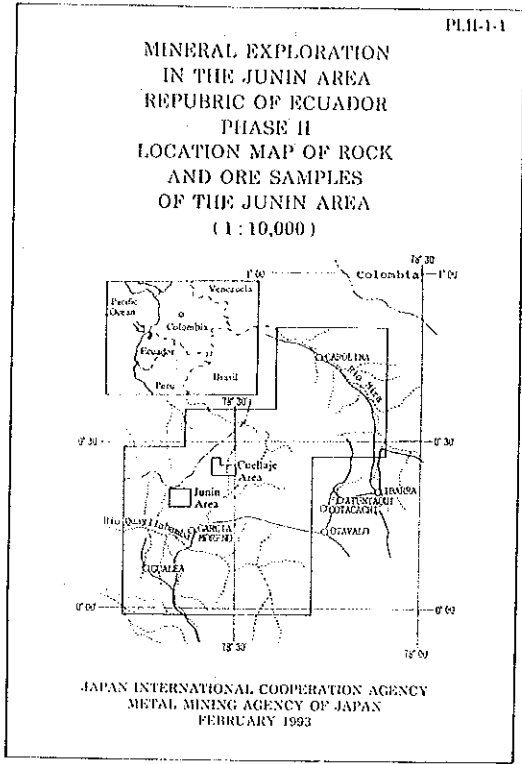
P1-P2	G1-C2	n	I (A)	V (mV)	$\rho - a$ ( $\Omega - m$ )	FE (%)	Tc (%)	$\rho - ac$ ( $\Omega - m$ )
16-18	20-22	1	1.30	272.00	358.6	6.1	137.25	261.3
16-18	22-24	2	0.50	18.70	311.8	7.8	160.74	194.0
16-18	24-26	3	0.28	3.16	202.0	5.5	61.92	326.2
16-18	26-28	4	0.28	1.12	130.9	5.1	52.42	249.7
16-18	28-30	5	0.33	1.87	331.1	4.8	128.32	258.0
18-20	22-24	1	0.50	43.20	194.4	6.7	96.57	201.3
18-20	24-26	2	0.28	4.98	130.3	5.6	36.42	357.8
18-20	26-28	3	0.28	1.28	76.8	6.3	32.98	232.9
18-20	28-30	4	0.33	1.75	183.7	6.2	84.13	218.4
18-20	30-32	5	0.28	0.54	123.1	7.0	49.49	248.7
20-22	24-26	1	0.25	37.80	219.4	6.5	42.29	518.8
20-22	26-28	2	0.25	6.23	141.4	5.5	45.67	309.6
20-22	28-30	3	0.30	6.71	338.8	5.5	122.04	277.6
20-22	30-32	4	0.28	2.21	257.7	5.8	70.94	363.3
20-22	32-34	5	0.30	3.03	555.4	5.0	150.51	369.0
26-28	22-24	1	0.40	99.20	425.1	5.3	93.05	456.9
28-30	24-26	1	0.25	106.00	826.8	7.2	195.09	423.8
28-30	22-24	2	0.40	46.90	879.8	8.6	234.23	375.6
30-32	26-28	1	0.25	34.70	267.3	7.0	38.01	703.2
30-32	24-26	2	0.25	16.20	528.9	7.5	67.41	784.6
30-32	22-24	3	0.40	12.80	647.5	8.5	120.18	538.8
32-34	28-30	1	0.30	184.00	1056.2	6.0	192.70	548.1
32-34	26-28	2	0.25	16.00	457.6	7.8	88.79	515.4
32-34	24-26	3	0.25	10.30	793.1	7.7	133.44	594.3
32-34	22-24	4	0.45	11.30	975.8	7.4	246.79	395.4
34-36	30-32	1	0.25	68.20	521.9	6.1	60.79	858.5
34-36	28-30	2	0.30	27.20	646.0	7.2	120.71	535.2
34-36	26-28	3	0.25	5.38	389.5	6.6	69.36	561.6
34-36	24-26	4	0.25	4.98	775.7	7.0	102.85	754.2
34-36	22-24	5	0.45	6.58	1014.9	6.5	206.93	490.5
36-38	32-34	1	0.30	83.70	521.2	6.0	66.80	780.2
36-38	30-32	2	0.25	11.20	343.1	6.1	39.71	864.0
36-38	28-30	3	0.30	7.37	439.8	6.6	70.46	624.2
36-38	26-28	4	0.25	1.81	261.5	6.1	39.11	668.6
36-38	24-26	5	0.25	1.90	516.9	6.0	56.89	908.6
38-40	34-36	1	0.50	284.00	1091.7	5.0	180.82	603.7
38-40	32-34	2	0.30	44.70	1134.6	5.6	142.86	794.2
38-40	30-32	3	0.25	8.84	691.9	6.0	77.43	893.6
38-40	28-30	4	0.30	6.94	848.5	7.0	134.51	630.8
38-40	26-28	5	0.25	1.91	492.8	7.0	72.31	681.6




Appendix 15(7) List of IP Data (Line-JC7)

P1-P2	C1-C2	n	I (A)	V (mV)	$\rho - a$ ( $\Omega$ -m)	FE (%)	Tc (%)	$\rho - ac$ ( $\Omega$ -m)
0-2	4-6	1	0.30	112.00	669.4	6.5	93.61	715.1
0-2	6-8	2	0.28	18.80	510.2	6.7	84.26	605.5
0-2	8-10	3	0.30	3.64	227.7	7.0	36.46	624.5
0-2	10-12	4	0.60	4.36	274.9	5.0	60.32	455.7
0-2	12-14	5	0.80	4.45	362.0	6.0	100.93	358.7
2-4	6-8	1	0.28	81.20	580.3	9.0	100.85	575.4
2-4	8-10	2	0.30	9.56	248.0	7.0	45.22	548.4
2-4	10-12	3	0.60	9.89	321.9	6.5	79.05	407.2
2-4	12-14	4	0.80	8.49	406.6	7.5	132.61	306.6
2-4	14-16	5	0.45	2.51	382.4	6.4	148.22	258.0
4-6	8-10	1	0.30	17.40	106.8	8.6	49.74	214.7
4-6	10-12	2	0.60	16.10	199.2	7.0	100.56	198.1
4-6	12-14	3	0.80	13.20	300.9	7.6	163.70	183.8
4-6	14-16	4	0.45	3.10	257.2	7.6	172.16	149.4
4-6	16-18	5	0.22	0.78	226.0	6.6	184.97	122.2
6-8	10-12	1	0.60	183.00	580.4	6.6	180.95	320.8
6-8	22-14	2	0.80	74.90	700.5	7.6	208.86	335.4
6-8	34-16	3	0.45	10.70	456.1	7.6	183.61	248.4
6-8	46-18	4	0.22	1.92	326.8	7.7	181.24	180.3
6-8	58-20	5	0.25	0.89	239.0	7.3	121.83	196.2
8-10	12-14	1	0.80	348.00	805.2	5.3	98.30	819.1
8-10	24-16	2	0.45	17.90	302.9	8.0	77.69	389.9
8-10	36-18	3	0.22	1.91	161.2	8.0	73.76	218.5
8-10	48-20	4	0.25	0.74	112.7	7.5	48.36	233.0
8-10	50-22	5	0.50	0.38	49.6	8.6	29.72	166.9
10-12	14-16	1	0.40	77.80	376.7	7.0	77.84	483.9
10-12	26-18	2	0.22	3.99	136.2	8.1	80.57	169.0
10-12	38-20	3	0.25	1.17	89.7	8.0	54.68	164.0
10-12	40-22	4	0.50	0.62	47.0	7.2	34.74	135.3
10-12	52-24	5	0.65	0.78	80.4	7.6	63.60	126.4
12-14	16-18	1	0.22	38.60	320.4	7.5	106.07	302.1
12-14	18-20	2	0.25	4.06	121.8	6.6	73.49	165.7
12-14	20-22	3	0.50	1.94	71.8	6.5	46.26	155.2
12-14	22-24	4	0.65	2.44	141.1	6.0	90.05	156.7
12-14	24-26	5	0.50	1.15	147.7	5.8	54.60	270.5
14-16	18-20	1	0.25	14.70	113.7	6.2	74.83	151.9
14-16	20-22	2	0.50	4.51	68.9	6.1	53.75	128.2
14-16	22-24	3	0.65	4.97	147.5	7.2	110.45	133.5
14-16	24-26	4	0.50	2.16	162.4	6.8	68.26	237.9
14-16	26-28	5	0.60	1.83	208.0	7.2	66.52	312.7

P1-P2	C1-C2	n	I (A)	V (mV)	$\rho - a$ ( $\Omega - m$ )	FE (%)	Tc (%)	$\rho - ac$ ( $\Omega - m$ )
16-18	20-22	1	0.50	37.70	141.6	5.5	65.77	215.3
16-18	22-24	2	0.65	26.90	311.7	6.5	148.04	210.6
16-18	24-26	3	0.50	7.74	284.1	7.0	90.87	312.6
16-18	26-28	4	0.60	5.54	351.5	7.1	86.02	408.6
18-20	22-24	1	0.60	165.00	534.1	4.9	163.77	326.1
18-20	24-26	2	0.50	25.40	383.0	5.8	87.20	439.2
20-22	24-26	1	0.50	37.80	138.4	5.0	56.07	246.8
26-28	22-24	1	0.60	145.00	474.2	5.2	133.25	355.9
26-28	20-22	2	0.50	10.70	163.3	6.5	52.84	309.0
26-28	18-20	3	0.25	5.63	439.3	7.2	78.61	558.8
28-30	24-26	1	0.50	123.00	438.4	7.3	102.57	427.4
28-30	22-24	2	0.60	40.00	494.7	6.8	215.71	229.3
28-30	20-22	3	0.50	6.84	248.8	12.5	120.00	207.3
28-30	18-20	4	0.25	4.43	657.8	11.3	170.68	385.4
28-30	16-18	5	0.23	4.01	1109.5	7.0	183.54	604.5
30-32	26-28	1	0.60	87.60	290.2	3.4	73.29	396.0
30-32	24-26	2	0.50	50.30	751.7	3.5	72.72	1033.7
30-32	22-24	3	0.60	41.00	1306.5	3.0	175.16	745.9
30-32	20-22	4	0.50	30.00	2236.1	4.8	114.11	1959.6
30-32	18-20	5	0.25	26.90	7234.2	6.5	170.66	4239.0
32-34	28-30	1	0.80	184.00	442.3	7.0	86.19	513.2
32-34	26-28	2	0.60	26.20	347.8	7.7	60.44	575.4
32-34	24-26	3	0.50	10.40	394.6	6.2	55.14	715.6
32-34	22-24	4	0.60	7.52	487.6	4.8	132.86	367.0
32-34	20-22	5	0.50	1.59	211.7	5.1	89.37	236.9
34-36	30-32	1	0.50	365.00	1341.0	6.1	124.00	1081.5
34-36	28-30	2	0.80	82.80	768.0	7.7	111.61	688.1
34-36	26-28	3	0.60	31.00	1002.4	8.1	73.72	1359.7
34-36	24-26	4	0.50	21.70	1613.5	9.6	66.85	2413.6
34-36	22-24	5	0.60	20.60	2291.8	7.5	158.74	1443.7
36-38	32-34	1	0.40	142.00	670.9	6.5	72.10	930.5
36-38	30-32	2	0.50	44.10	646.3	6.6	101.12	639.1
36-38	28-30	3	0.80	21.40	493.9	7.0	96.04	514.3
36-38	26-28	4	0.60	13.30	852.9	5.5	62.88	1356.4
36-38	24-26	5	0.60	17.40	1873.2	4.8	57.31	3268.5
38-40	34-36	1	0.45	225.00	1024.5	4.9	118.66	863.4
38-40	32-34	2	0.40	41.00	816.5	4.5	89.21	915.3
38-40	30-32	3	0.50	16.20	627.0	5.8	117.72	532.6
38-40	28-30	4	1.00	11.60	435.6	4.6	113.31	384.4
38-40	26-28	5	0.70	4.69	462.8	5.2	73.07	633.4



- LEGEND**
-  Sample point and its number
  - G : Geochemical analysis
  - X : X-ray diffraction analysis
  - P : Polished section
  - O : Ore assay analysis

**JUNIN**

