

Apéndice. 2 RESULTADOS DE LOS ESTUDIOS DE LAS SECCIONES PULIDAS

MICROFOTOGRAFÍAS DE LOS SECCIONES Y LAS SECCIONES PULIDAS

(1)

Nº Muestra	NR-21	NR-23	NR-25	NR-35	
Tipo de mineralización	filón	diseminación.	filón	filón	
Localidad coordenadas	Piedra Sentada X=732,080, Y=1'025,925	Piedra Sentada X=732,015, Y=1'025,910	Piedra Sentada X=721,820, Y=1'026,055	Piedra Sentada X=731,415, Y=1'026,365	
Minerales	Sim- bolo	Can- tidad	Descripción	Can- tidad	Descripción
Blenda	Sp				
Blenda con puntos "	"				
Oro nativo	Au				
Calcopirita	Cp	+	impregnaciones asociado a la Py		
Bornita	Bn				
Calcosina	Cc				
Tetraedrita	Td				
Proustita	Pr				
Pirita	Py	++	en cristales anhedrales, venilla y diseminadas	++	en cristales anhedrales y diseminadas coexiste con Py
Arsenopirita	Asp				
Pirotita	Po	+	coexiste con Cp, en impregnaciones en Py	+	coexiste con Cp
Magnetita	Mag				
Hematita	Hem				
Limonita	Lim				
Marcasita	Mar	++	grano fino y diseminadas	+	grano fino y diseminadas

++++ abundancia ~ + escaso

(2)

Nº Muestra		SR-46B		DR-38		DR-41		DR-46	
Tipo de mineralización		diseminación		diseminación		diseminación		diseminación	
Localidad coordenadas		Piedra Sentada X=731,950, Y=1'026,910		Piedra Sentada X=733,435, Y=1'026,280		Piedra Sentada X=733,330, Y=1'026,860		Piedras Sentada X=733,380, Y=1'027,245	
Minerales	Sím- bolo	Can- tidad	Descripción	Can- tidad	Descripción	Can- tidad	Descripción	Can- tidad	Descripción
Blenda	Sp								
Blenda con puntos "	"								
Oro nativo	Au								
Calcopirita	Cp	++	diseminadas	++	diseminadas	+	impregnaciones bordeando a la Py	+	impregnaciones bordeando a la Py, y diseminadas
Bornita	Bn								
Calcosina	Cc								
Tetraedrita	Id								
Pirita	Py	++	en cristales an- hedrales, venilla y diseminadas	++	en cristales anhedrales, diseminadas	++	en cristales eu- hedrales-anhedrales, diseminadas	++	en cristales anhedrales, diseminadas
Arsenopirita	Asp								
Pirrotita	Po			+	en la forma puntas en Py	+	coexiste con Cp en Py		
Magnetita	Mag	++	diseminadas	+	diseminadas	+	diseminadas		
Hematita	Hem								
Limonita	Lim			++					
Marcasita	Mar								

(3)

Nº Muestra		DR-48		DAU-3		DAU-4		NSR-33	
Tipo de mineralización		diseminación		filón		filón		filón	
Localidad coordinadas		Piedra Sentada X=733,400, Y=1'027,365		Piedra Sentada X=732,880, Y=1'026,530		Piedra Sentada X=732,765, Y=1'026,515		Cerro Negro X=711,695, Y=1'028,990	
Minerales	Sím- bolo	Can- tidad	Descripción	Can- tidad	Descripción	Can- tidad	Descripción	Can- tidad	Descripción
Blenda	Sp							++	diseminadas
Blenda con puntos "	"								
Oro nativo	Au								
Calcopirita	Cp	++	diseminadas e im- pregnaciones bordeando a la Py						
Bornita	Bn								
Calcosina	Cc								
Tetraedrita	Id								
Circon	Zr							++	
Titanita	Ti			+				+++	
Ilmenita	Il	+	coexiste con Mag					++	
Pirita	Py	++	en cristales anhedrales, diseminadas	+	en cristales de Lim			++	se encuentran re- emplazados en los bordes por Lim
Arsenopirita	Asp								en cristales an- hedrales, grano fino y diseminadas
Pirrotita	Po	+	impregnaciones bordeando a la Py						
Magnetita	Mag	++	diseminadas						
Hematita	Hem							++	
Limonita	Lim			++++	secundario			++++	
Marcasita	Mar								

(4)

N° Muestra	NDR-13		NDR-19		CPR-18		DNR-30	
	diseminación	diseminación	diseminación	filón	diseminación	filón	diseminación	filón
Localidad coordinadas	Cerro Negro X=713,350, Y=1'030,690		Cerro Negro X=715,455, Y=1'029,235		Dominical X=711,640, Y=1'027,320		Dominical X=728,870, Y=1'027,985	
Minerales	Sim bolo	Descripción	Can- tidad	Descripción	Can- tidad	Descripción	Can- tidad	Descripción
Blenda	Sp						++	cristales anhedrales, como impregnaciones asociada a la Py, al- canzado el tamaño de 20 µm y 70 µm
Blenda con puntos "	"						+	
Oro nativo	Au						++	
Calcopirita	Cp		++	diseminadas	+	grano fino y diseminadas		
Bornita	Bn							
Calcosina	Cc						++	
Tetradrita	Td						+	bordea a la Cb
Covellina	Cv		+	bordeando a la Cp			+	grano fino en Py
Galena	Gn							
Ilmenita	Il	diseminadas	++					
Pirita	Py	en cristales anhedral- rales, diseminadas	++				+++	
Arsenopirita	Asp	impregnaciones bordeando a la Py	+				+	impregnaciones asociada a la Py
Pirrotita	Po							
Magnetita	Mag		++	diseminadas				
Hematita	Hem							
Limonita	Lim	bordea a la Py y en microfracturas como ganga	++	bordeando e la Py				
Marcasita	Mar							
Calcoestibina	Cb						+++	bordea a la Py y diseminadas

(5)

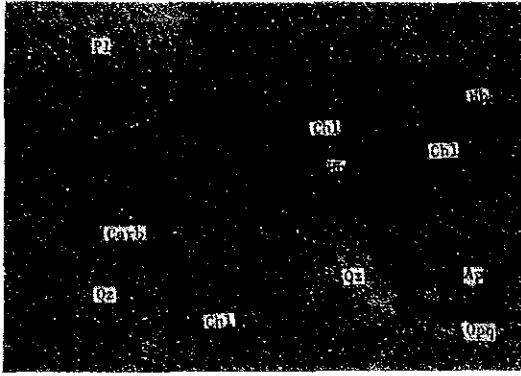
Nº Muestra		DDR-11		DDR-12		DDR-18		DDR-28	
Tipo de mineralización		filón		filón		filón		filón	
Localidad coordinadas		Dominical X=728,260, Y=1'028,255		Dominical X=728,125, Y=1'028,320		Dominical X=727,175, Y=1'027,495		Dominical X=728,400, Y=1'027,575	
Minerales	Sím- bolo	Can- tidad	Descripción	Can- tidad	Descripción	Can- tidad	Descripción	Can- tidad	Descripción
Blenda	Sp					++			
Blenda con puntos "	"					+			
Oro nativo	Au	+	bordea a la Py			+	impregnacion de Cp		
Calcopirita	Cp			+	un cristal 40 µm en la ganga	+	dentro de Sp	+	diseminadas
Bornita	Bn							+	diseminadas
Calcosina	Cc							+	diseminadas
Tetraedrita	Td					+	dentro de Sp y Py		
Pirita	Py	+++	en cristales an- hedrales de textura porfídica y diseminadas	+++	en cristales anhedrales de tex- tura porfídica	++	en cristales anhedrales, diseminadas	++	en cristales anhedrales, diseminadas
Arsenopirita	Asp								
Pirrotita	Po								
Magnetita	Mag								
Hematita	Hem								
Limonita	Lim					++	bordeando a la Py		
Marcasita	Mar					++			

(6)

N° Muestra	DPR-5		DPR-10		DPR-17	
	Sim-bolo	Descripción	Can-tidad	Descripción	Can-tidad	Descripción
Blenda	Sp	diseminadas, en microfracturas dentro de la ganga	++	diseminadas de grano fino dentro de cristales de Py	++	diseminadas, grano fino dentro de Py
Blenda con puntos "	"					
Oro nativo	Au	diseminadas	++	diseminadas de grano fino dentro de cristales de Py	+	dentro de Py y ganga, tamaño de 5µm-8µm
Calcopirita	Cp					
Bornita	Bn	diseminadas, en microfracturas dentro de la ganga	+	diseminadas	+	coexiste con Cp
Calcosina	Cc					
Tetraedrita	Id	diseminadas, en microfracturas dentro de la ganga	++	diseminadas, en cristales anhedral, diseminadas	++	en cristales anhedral, diseminadas y rellenando microfracturas
Pirita	Py					
Arsenopirita	Asp	diseminadas, en microfracturas dentro de la ganga	+	diseminadas	+	bordea a la Cp
Pirrotita	Po					
Magnetita	Mag	diseminadas, en microfracturas dentro de la ganga	++	diseminadas	++	bordea a la Cp y Py
Hematita	Hem					
Limonita	Lim	diseminadas, en microfracturas dentro de la ganga	++	diseminadas	++	bordea a la Cp y Py
Marcasita	Mar					

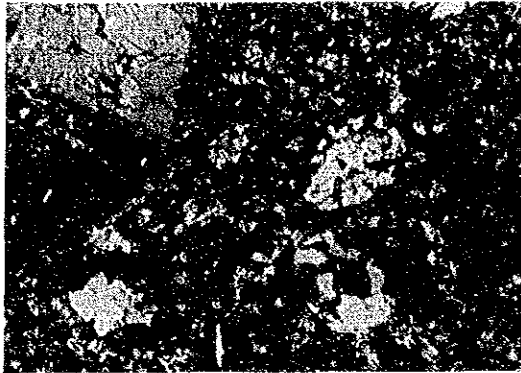
ABREVIATURA

Ap : apatito
Bi : biotita
Carb : carbonata
Chl : clorita
Clay : mineral de arcilla
Cpx : clinopiroxeno
Cris : cristobalita
Hb : hornblenda
Kf : feldespato potasico
Mv : muscovita
Opq : mineral opaco
Pl : plagioclasa
Px : piroxeno
Qz : cuarzo
Ser : sericita
Sp : esfena
Zeo : ceolita (?)
Zr : circon

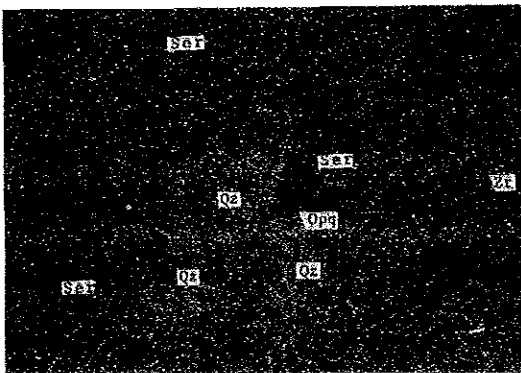


Muestra No:NR-20
Nombre de la roca
:Dacita hornblenda

Nícoles Paralelos 0 0.5mm

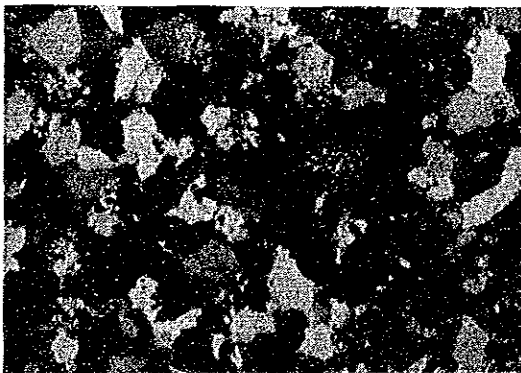


Nícoles Cruzados 0 0.5mm

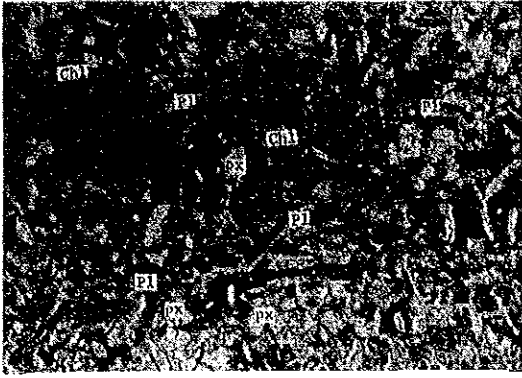


Muestra No:NR-28
Nombre de la roca:
Arenisca wacka cuarzosa

Nícoles Paralelos 0 0.5mm

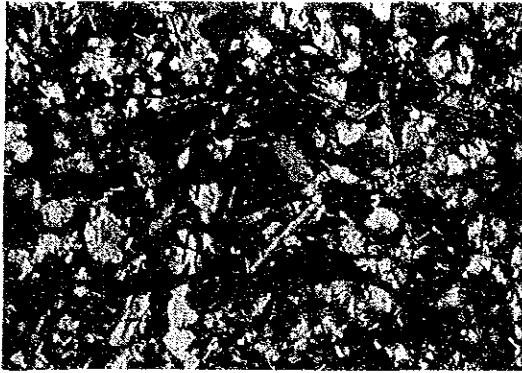


Nícoles Cruzados 0 0.5mm

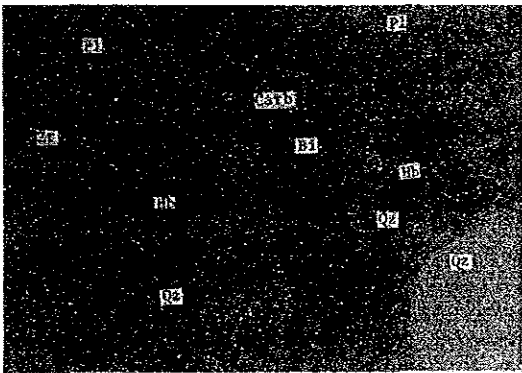


Muestra No:DR-14
Nombre de la roca
:Basalto

Nicoles Paralelos 0 0.5mm



Nicoles Cruzados 0 0.5mm

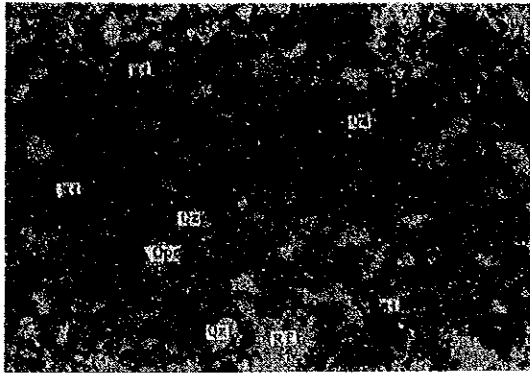


Muestra No:DR-42
Nombre de la roca
:porfido granodioritico

Nicoles Paralelos 0 0.5mm

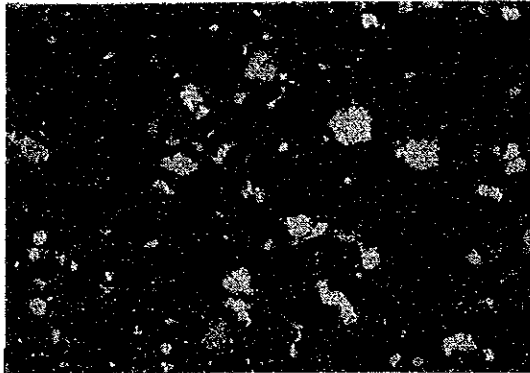


Nicoles Cruzados 0 0.5mm

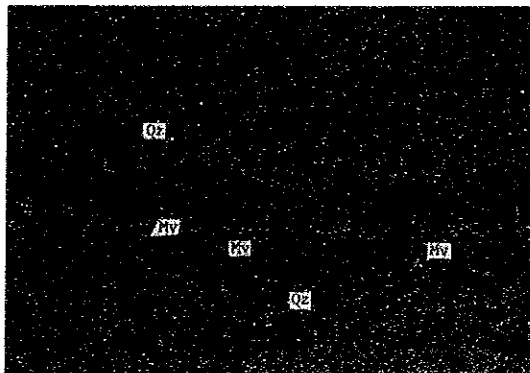


Muestra No: NNR-12
Nombre de la roca
:cornubianita biotita

Nícoles Paralelos 0 0.5mm

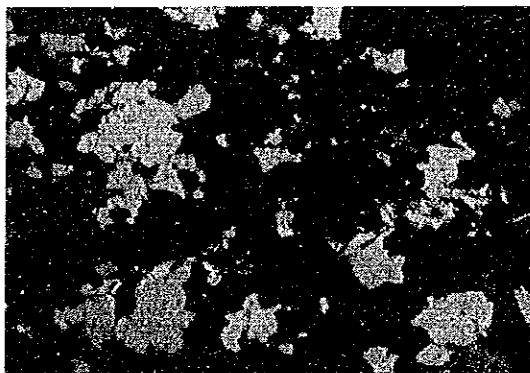


Nícoles Cruzados 0 0.5mm

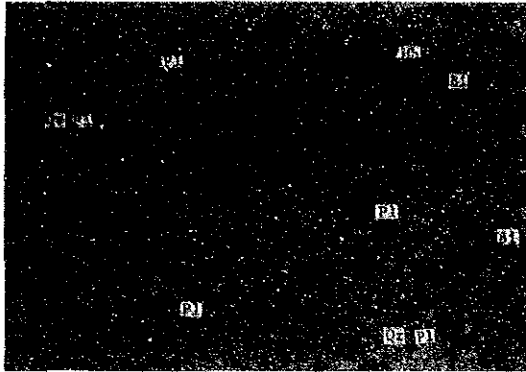


Muestra No: NDR-4
Nombre de la roca
:esquisto mica

Nícoles Paralelos 0 0.5mm



Nícoles Cruzados 0 0.5mm



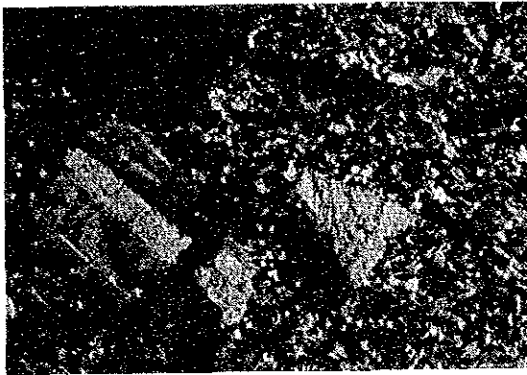
Nícoles Paralelos

0 0.5mm

Muestra No:NDR-17

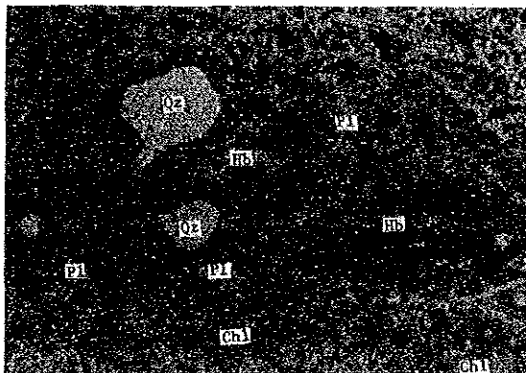
Nombre de la roca

:porfido granodioritico
alterado



Nícoles Cruzados

0 0.5mm



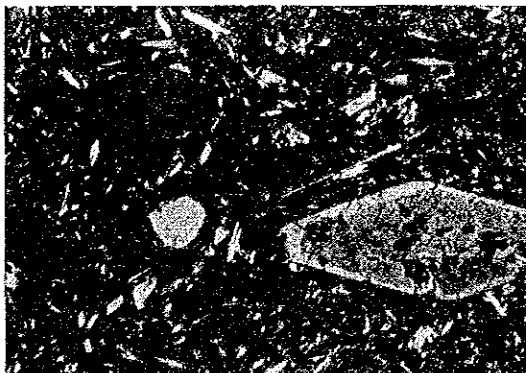
Nícoles Paralelos

0 0.5mm

Muestra No:NDR-24

Nombre de la roca

:Dacita hornblenda



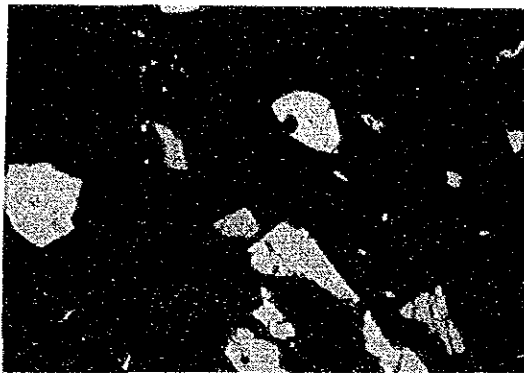
Nícoles Cruzados

0 0.5mm

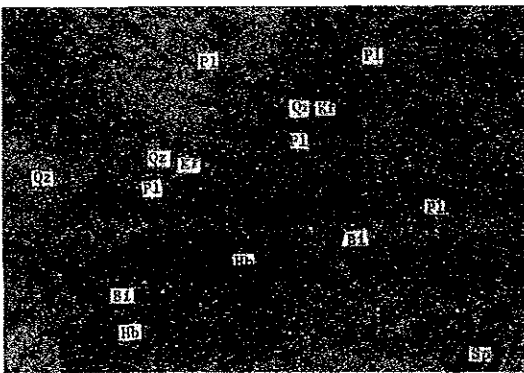


Nícoles Paralelos 0 0.5mm

Muestra No:DSR-10
Nombre de la roca
:Toba dacitica

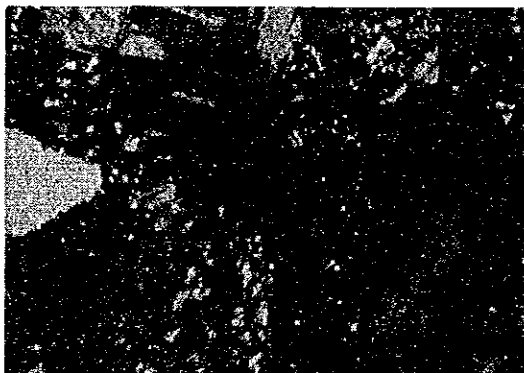


Nícoles Cruzados 0 0.5mm

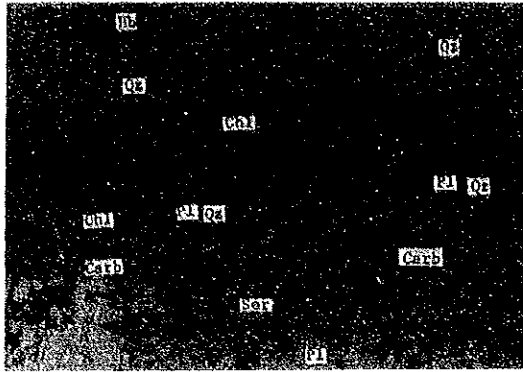


Nícoles Paralelos 0 0.5mm

Muestra No:DDR-9
Nombre de la roca
:porfido granodioritico

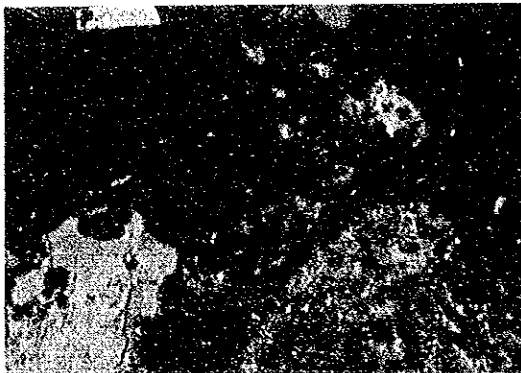


Nícoles Cruzados 0 0.5mm

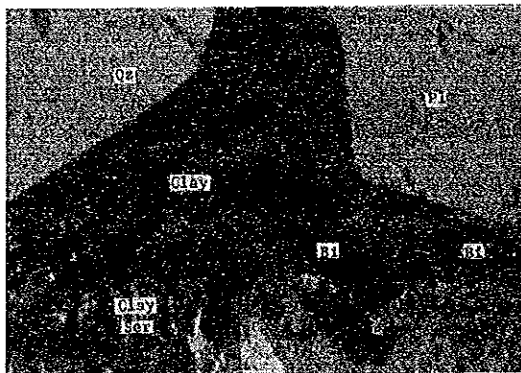


Muestra No:DPR-26
Nombre de la roca
:Dacita alterada

Nícoles Paralelos 0 0.5mm



Nícoles Cruzados 0 0.5mm

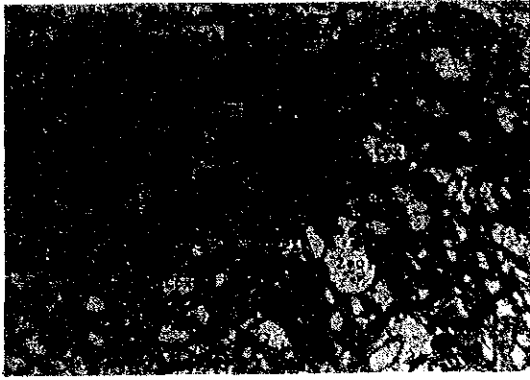


Muestra No;MSR-5
Nombre de la roca
:Dacita biotita

Nícoles Paralelos 0 0.5mm

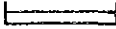


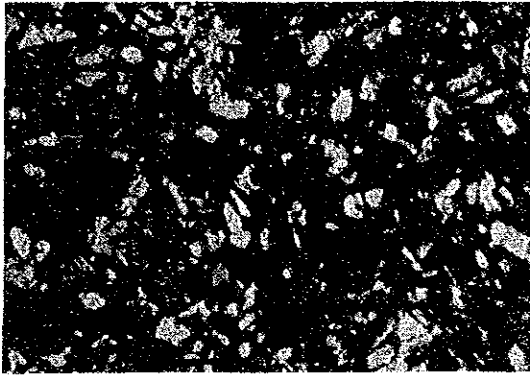
Nícoles Cruzados 0 0.5mm




Muestra No:MSR-6
Nombre de la roca
:Basalto alterado

Nicoles Paralelos

0 0.5mm


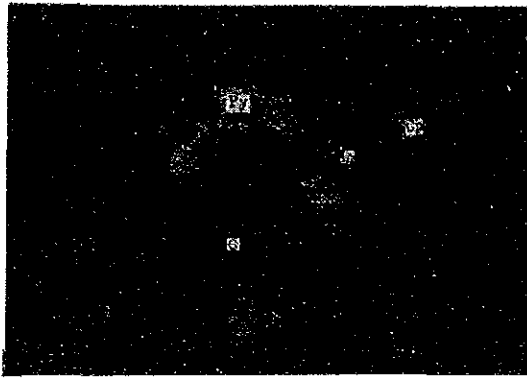


Nicoles Cruzados

0 0.5mm


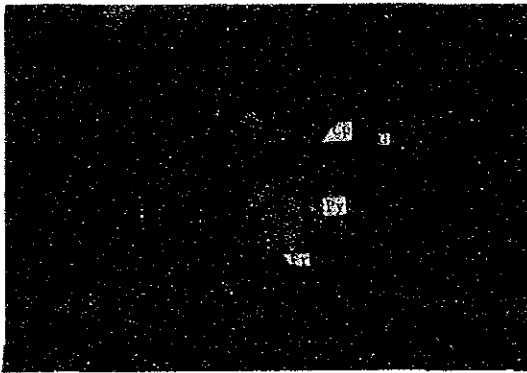
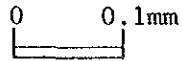
ABREVIATURA

Au : oro nativo
Bn : bornita
Cb : calcoestibina
Cp : calcopirita
G : ganga
Gn : galena
Pr : pirargirita
Py : pirita
Sp : esfalerita
Td : tetraedrita(freibergita)



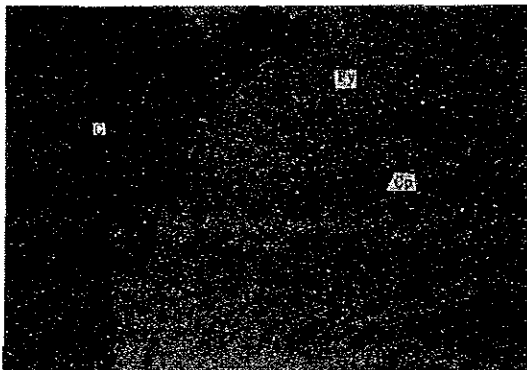
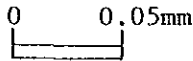
Muestra No : NR-23

Ubicación : Piedra Sentada, Loma
San Francisco.



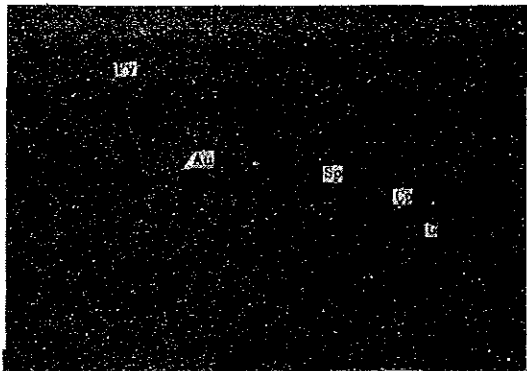
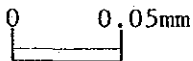
Muestra No : NR-35

Ubicación : Piedra Sentada, Zanjon
Grande.



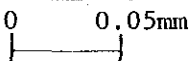
Muestra No : DR-46

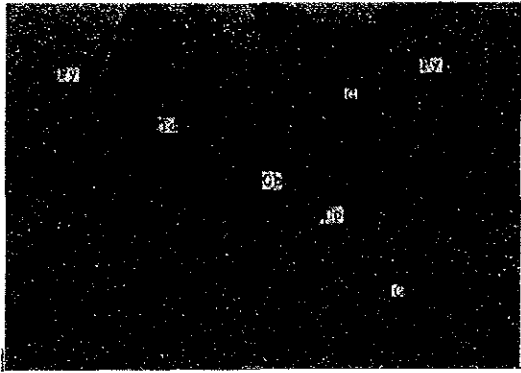
Ubicación : Piedra Sentada, Zanjon
Santa Lucía.



Muestra No : DNR-30

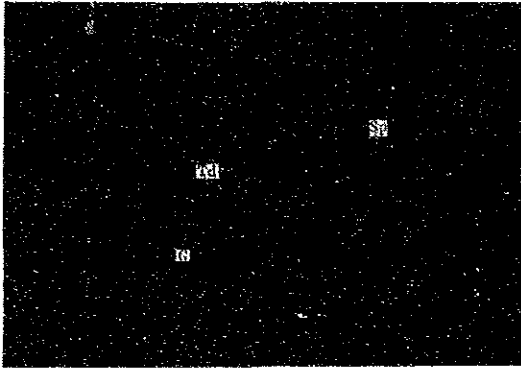
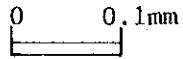
Ubicación : Dominical, Rio Putis





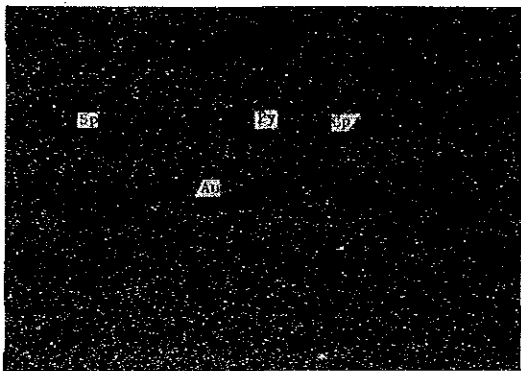
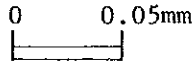
Muestra No : DNR-30

Ubicación : Dominical, Rio Putis



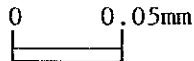
Muestra No : DDR-18

Ubicación : Dominical, Quebrada
Puente Piedra



Muestra No : DPR-17

Ubicación : Dominical, Quebrada
Gualero.



Apéndice. 3 RESULTADOS DE LOS ANALISIS QUIMICOS LAS MUESTRAS DE MENA

Area	Número de Muestra	Au g/t	Ag g/t	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Cr ppm	Ni ppm	Ancho de Muestra	Tipo	Nota
Piedra Sentada	NR-21	0.1	6.7	80	1	36	1	230	94	0.3m	Filón de cuarífero	N10°E, 85°W
	NR-23	0.5	5.7	400	2	20	10	56	17	Muestreo de fragmentos 4.0m	Diseminación	En estibina y pirita
	NR-25	0.8	13.6	700	58	73	5	14	1	0.15m	Filón de cuarífero	N75°W, 55°NE
	NR-35	0.1	6.7	1,000	1	49	40	96	47	1.0m	Alteración en falla	Muestra caída
	SR-46B	0.2	1.2	123	1	24	7	30	5	Muestreo de fragmentos	Diseminación	Epidotización, diseminación en
	DR-41	0.3	3.1	28	1	28	1	30	14	id	id	Diseminación en pirita
	DR-46	0.2	4.6	22	1	36	1	104	34	id	id	Verilla de pirita
	DR-48	0.1	3.3	105	1	17	1	62	16	id	id	Limonitización y argilización
	DAU-3	1.5	28.0	1,380	68	210	120	320	235	0.15m	Zona silicificada	id
	DAU-4	0.4	2.3	205	3	17	5	34	4	1.1m	id	id
Almáguer	DNR-3	1.6	-	54	-	-	-	-	-	0.15m	Zona alterada	En filón de cuarífero
	DNR-11	4.4	5.9	78	6	80	1	25	4	0.3m	Filón	N60°W, vertical, en socavón
	DNR-15	1.9	-	18	-	-	-	-	-	0.3m	Filón y zona limonitizada	En vetilla de cuarífero
	NDR-16	2.3	-	84	-	-	-	-	-	0.4m	id	id
	DNR-22	0.6	-	465	-	-	-	-	-	1.0m	Zona silicificada	En vetilla de cuarífero
	DNR-30	4.2	94.5	9,000	740	10,000	1	12	3	0.1m	Filón de cuarífero	En estibina, malaquita
	DSR-24	0.2	-	1,380	-	-	-	-	-	Muestreo de fragmentos	Diseminación	En vetilla de cuarífero
	DSR-25	0.2	7.3	1,150	1	28	51	42	7	id	id	Zona silicificación en vetilla de pirita
	DSR-26	0.6	-	350	-	-	-	-	-	id	id	id
	DDR-11	4.6	5.3	107	24	30	17	20	5	0.1m	Filón de cuarífero	N40°W, 80°W en Pirita
	DDR-12	0.9	-	18	-	-	-	-	-	0.1m	id	N30°W, vertical, en pirita
	DDR-18	0.6	-	12	-	-	-	-	-	0.1m	id	N21°E, 80°SE, en pirita
	DDR-28	0.3	-	330	-	-	-	-	-	Muestreo de fragmentos	Diseminación	Zona silicificación en pirita
	DPR-5	0.3	-	180	-	-	-	-	-	id	id	id
	DPR-10	0.5	6.3	900	1	43	22	14	5	id	id	En pirita
	DPR-17	0.5	5.7	200	2	24	5	46	21	id	id	En vetilla de cuarífero
	NNR-5	0.4	-	105	-	-	-	-	-	id	id	id
	NNR-10	0.1	-	25	-	-	-	-	-	3.0m muestreo en canalera	id	id
NNR-13	<0.1	-	115	-	-	-	-	-	Muestreo de fragmentos	id	id	
NSR-3	0.3	-	35	-	-	-	-	-	id	id	id	
NSR-23	0.8	4.7	118	100	82	600	100	195	id	id	En pirita	
NSR-33	9.0	10.2	29	118	74	5	30	4	0.15m+	Filón de cuarífero	En vetilla de cuarífero	
NDR-13	1.4	-	140	-	-	-	-	-	Muestreo de fragmentos	Diseminación	Muestra de caída	
NDR-19	0.1	4.0	385	1	40	34	200	55	id	id	En pirita	
CPR-18	1.0	158.0	1,100	3,250	30	5	8	8	1.2m	Filón de cuarífero	id	N35°W, en Cu óxido y Fe óxido

Apendice. 4 RESULTADOS DE LOS ANALISIS GEOQUIMICA EN SEDIMENTOS ACTIVOS FINOS

No.	Numero de Muestra	Area	Simbologia	Contenido en ppm							
				AU	AG	CU	PB	ZN	MO	NI	CR
1	4436	D	TD	0.90	0.1	13	11	57	2.0	10	24
2	4437	D	TME	1.49	0.1	46	10	39	1.0	42	52
3	4438	D	TD	2.00	0.1	23	10	82	0.1	19	26
4	4439	D	TD	0.38	0.1	21	9	26	0.1	10	13
5	4440	D	TME	0.16	0.1	20	10	24	0.1	10	23
6	4441	D	TME	0.06	0.1	18	15	13	0.1	10	21
7	4442	D	TME	0.72	0.1	11	13	10	0.1	6	18
8	4443	D	TME	0.10	0.1	20	12	21	0.1	11	12
9	4444	D	TME	0.32	0.1	13	13	17	0.1	9	8
10	4445	D	TME	0.16	0.1	10	13	12	0.1	6	7
11	4446	D	TD	1.57	0.1	6	20	36	1.0	6	23
12	4447	D	TD	2.00	0.1	4	7	39	0.1	7	28
13	4448	D	TD	1.60	0.1	15	8	47	0.1	16	28
14	4449	D	TD	0.64	0.1	6	11	66	0.1	16	60
15	4450	D	TD	0.12	0.1	9	22	32	1.0	10	49
16	4451	D	TME	0.10	0.1	24	17	22	1.0	12	31
17	4452	D	TME	0.10	0.1	7	11	23	0.1	5	13
18	4453	D	TME	0.40	0.1	4	23	35	2.0	12	25
19	4454	D	TME	0.80	0.1	6	11	32	1.0	5	8
20	4455	D	TME	0.12	0.1	25	10	97	0.1	15	32
21	4456	D	TME	0.01	0.1	21	16	51	1.0	18	60
22	4457	D	TME	0.14	0.1	15	24	36	2.0	13	22
23	4458	D	TME	0.06	0.1	7	21	27	3.0	10	30
24	4459	D	TME	0.01	0.1	10	22	59	3.0	14	25
25	4460	D	TME	0.16	0.1	26	19	38	2.0	19	52
26	4461	D	TME	0.60	0.1	19	12	33	2.0	14	48
27	4462	D	TME	0.16	0.1	25	16	38	3.0	23	40
28	4463	D	TME	0.30	0.1	28	22	41	3.0	14	21
29	4464	D	TME	0.30	0.1	19	29	28	3.0	8	36
30	4465	D	TME	0.08	0.1	5	32	31	4.0	7	18
31	4466	D	TME	0.20	0.1	17	28	32	5.0	16	18
32	4467	D	TME	0.12	0.1	7	27	39	4.0	14	25
33	4468	D	TME	0.50	0.1	28	18	47	1.0	24	44
34	4469	D	TME	0.20	0.1	16	10	47	1.0	22	60
35	4470	D	TME	0.14	0.1	83	13	140	0.1	11	36
36	4471	D	TD	0.08	0.1	11	13	40	0.1	13	31
37	4472	D	TD	0.08	0.1	11	15	32	1.0	13	49
38	4473	D	TD	0.26	0.1	12	21	40	6.0	13	18
39	4474	D	TD	0.01	0.1	13	14	38	2.0	8	15
40	4475	D	TD	0.02	0.1	10	13	56	2.0	13	16
41	4610	D	TME	0.04	0.1	24	14	37	0.1	8	57
42	4611	D	TME	0.04	2.0	17	33	42	2.0	24	54
43	4612	D	TD	0.08	2.0	7	23	28	1.0	10	20
44	4613	D	TD	0.04	0.1	9	16	27	0.1	3	19
45	4614	D	TD	0.06	0.1	9	23	29	4.0	17	35
46	4615	D	TD	0.10	0.1	10	14	26	0.1	4	27
47	4616	D	TD	0.06	0.1	7	8	85	0.1	12	25
48	4617	D	TD	0.10	0.1	2	7	81	0.1	9	25
49	4618	D	TD	0.08	0.1	27	14	60	0.1	16	76
50	4619	D	TD	0.18	0.1	360	17	58	0.1	13	21
51	4620	D	TD	0.30	0.1	163	16	44	4.0	6	21
52	4621	D	TD	0.08	0.1	296	8	25	1.0	6	55
53	4622	D	TD	0.16	0.1	317	47	74	10.0	4	21
54	4623	D	TD	0.50	0.1	187	28	11	67.0	7	26
55	4624	D	TD	0.04	0.1	42	7	35	1.0	6	13
56	4625	D	TD	0.04	0.1	8	9	62	1.0	7	19
57	4626	D	TD	0.08	0.1	35	11	95	0.1	14	19
58	4627	D	TD	0.14	0.1	390	12	820	1.0	20	30
59	4628	D	TD	0.10	0.1	40	14	23	1.0	10	36
60	4629	D	TD	0.01	0.1	23	9	45	1.0	12	41
61	4630	D	TD	0.32	0.1	24	9	62	0.1	10	32
62	4631	D	TD	0.01	0.1	6	7	90	0.1	11	27
63	4632	D	TD	0.01	0.1	22	9	79	1.0	13	31
64	4633	D	TD	0.08	0.1	680	18	186	40.0	3	8
65	4634	D	TD	0.06	0.1	410	8	46	5.0	10	22
66	4635	D	TD	0.08	0.1	62	14	67	1.0	11	16
67	4636	D	TME	0.01	0.1	7	9	78	0.1	7	18
68	4637	D	TME	0.06	0.1	61	8	196	4.0	63	59
69	4638	D	TME	0.14	0.1	25	22	102	1.0	15	24
70	4639	D	TME	0.01	0.1	12	9	62	2.0	13	24
71	4640	D	TME	0.18	0.1	395	9	38	38.0	10	10
72	4641	D	TD	0.32	0.1	363	11	7	30.0	4	21
73	4642	D	TD	0.01	0.1	15	29	39	40.0	8	24
74	4643	D	TD	0.38	0.1	470	22	44	92.0	4	8
75	4644	D	TD	0.30	0.1	1230	5	18	7.0	9	16

No.	Numero de Muestra	Area	Simbologia	Contenido en ppm							
				AU	AG	CU	PB	ZN	MO	NI	CR
76	4645	D	TD	0.01	0.1	19	28	30	2.0	12	21
77	4646	D	TD	0.06	0.1	79	15	23	3.0	8	57
78	4647	D	TD	0.01	0.1	15	31	25	0.1	6	15
79	4648	D	TD	0.14	2.0	398	8	100	4.0	20	95
80	4649	D	TD	0.20	2.0	37	24	34	0.1	9	34
81	4650	D	TD	0.08	0.1	56	13	14	0.1	5	16
82	4651	D	TD	0.10	0.1	11	18	12	0.1	7	20
83	4652	D	TD	0.04	0.1	55	18	13	1.0	7	36
84	4653	D	TD	0.08	0.1	366	7	53	12.0	8	22
85	4654	D	TD	0.28	0.1	4200	10	46	93.0	26	85
86	4655	D	TD	0.30	0.1	1320	7	49	5.0	14	40
87	4656	D	TD	0.04	0.1	670	7	52	7.0	15	28
88	4723	D	TD	0.62	0.1	39	16	71	0.1	14	60
89	4724	D	TD	0.01	0.1	5	10	51	0.1	7	30
90	4725	D	TD	0.01	0.1	10	8	50	1.0	8	30
91	4726	D	TD	0.01	0.1	18	12	96	0.1	9	42
92	4727	D	TD	0.01	0.1	7	9	81	0.1	7	34
93	4728	D	TD	0.04	0.1	6	12	120	2.0	9	30
94	4729	D	TD	0.01	0.1	3	11	126	1.0	10	29
95	4730	D	TD	0.08	0.1	13	16	93	1.0	15	59
96	4731	D	TD	0.01	0.1	21	18	190	1.0	9	30
97	4732	D	TME	0.04	0.1	38	14	51	2.0	13	28
98	4733	D	TD	0.01	0.1	14	12	46	1.0	7	20
99	4734	D	TD	0.18	0.1	30	17	92	2.0	12	33
100	4735	D	TQV	0.01	0.1	6	33	34	3.0	8	18
101	4736	D	TQV	0.01	0.1	10	24	11	3.0	10	35
102	4737	D	TQV	0.01	0.1	18	49	45	4.0	19	30
103	4738	D	TQV	0.24	0.1	45	24	22	3.0	40	35
104	4739	D	TME	0.06	0.1	18	20	13	3.0	5	14
105	4740	D	TD	0.06	0.1	8	15	90	0.1	7	8
106	4741	D	TD	0.01	0.1	6	13	38	1.0	6	24
107	4742	D	TD	0.08	0.1	9	9	52	1.0	7	13
108	4743	D	TQV	0.01	0.1	2	17	12	1.0	6	7
109	4744	D	TME	0.01	0.1	6	5	108	1.0	12	39
110	4745	D	TME	0.12	0.1	9	29	34	1.0	13	29
111	4746	D	TME	0.10	2.0	370	9	22	0.1	8	22
112	4747	D	TQV	0.04	0.1	14	28	23	0.1	19	48
113	4748	D	TQV	0.04	0.1	9	18	29	1.0	12	38
114	4749	D	TD	0.01	0.1	11	16	24	1.0	10	23
115	4750	D	TQV	0.01	0.1	8	18	29	1.0	15	58
116	4751	D	TQV	0.04	0.1	5	15	26	1.0	9	24
117	4752	D	TQV	0.01	0.1	3	16	25	1.0	8	18
118	4753	D	TME	0.01	0.1	18	11	28	2.0	14	20
119	4754	D	TQV	0.01	0.1	7	25	50	1.0	10	24
120	4755	D	TD	0.06	0.1	14	10	50	1.0	10	33
121	4756	D	TD	0.04	0.1	16	13	78	2.0	11	31
122	4757	D	TD	0.01	0.1	6	11	94	1.0	13	39
123	4758	D	TD	0.08	0.1	3	15	112	0.1	20	38
124	4759	D	TD	0.04	0.1	15	12	43	0.1	11	32
125	4760	D	TQV	0.01	0.1	2	25	26	0.1	6	10
126	4761	D	TQV	0.03	2.0	7	26	31	1.0	13	25
127	4762	D	TQV	0.01	2.0	3	21	42	1.0	12	22
128	4763	D	TD	0.01	0.1	18	10	61	1.0	8	12
129	4764	D	TD	0.01	0.1	7	15	41	0.1	7	29
130	4765	D	TD	0.01	0.1	8	9	96	0.1	12	30
131	4766	D	TD	0.01	0.1	30	5	26	0.1	5	11
132	4767	D	TD	0.01	0.1	10	12	59	1.0	12	31
133	4768	D	TD	0.01	0.1	6	14	82	0.1	11	33
134	4769	D	TD	0.01	0.1	14	31	33	0.1	8	22
135	4770	D	TD	0.01	0.1	10	27	39	0.1	11	21
136	4771	D	TME	0.01	0.1	35	18	52	0.1	12	27
137	4827	B	TME	0.01	0.1	21	17	10	2.0	8	65
138	4828	D	TME	0.01	2.0	8	31	28	5.0	9	23
139	4829	D	TME	0.04	0.1	10	17	27	2.0	10	16
140	4830	D	TME	0.01	2.0	10	32	29	4.0	12	17
141	4831	D	TME	0.01	0.1	10	18	16	4.0	6	24
142	4832	D	TME	0.04	0.1	6	36	28	3.0	8	18
143	4833	D	TME	0.01	0.1	3	7	63	1.0	7	18
144	4834	D	TME	0.01	0.1	10	6	85	1.0	10	16
145	4835	D	TME	0.14	2.0	4	9	154	2.0	11	17
146	4836	D	TME	0.12	0.1	17	8	171	0.1	9	15
147	4837	D	TME	0.01	0.1	42	6	65	0.1	6	12
148	4838	D	TME	0.12	0.1	15	11	28	2.0	12	45
149	4839	D	TME	0.04	0.1	67	10	53	2.0	10	10
150	4840	D	TME	0.08	0.1	83	8	470	0.1	16	58

No.	Numero de Muestra	Area	Simbologia	Contenido en ppm							
				AU	AG	CU	PB	ZN	MO	NI	CR
151	4841	D	TME	0.08	0.1	25	16	37	1.0	14	39
152	4842	D	TME	0.16	0.1	26	12	22	2.0	6	20
153	4843	D	TME	0.14	0.1	91	11	135	1.0	5	20
154	4844	D	TME	0.08	0.1	16	18	145	2.0	9	28
155	4845	D	TME	0.16	0.1	30	21	400	1.0	9	16
156	4846	D	TME	0.08	0.1	56	10	151	1.0	7	19
157	4847	D	TD	0.14	0.1	44	8	280	1.0	9	21
158	4848	D	TD	0.14	0.1	70	8	124	0.1	12	17
159	4849	D	TME	0.01	0.1	92	7	41	0.1	9	15
160	4850	D	TME	0.01	0.1	66	20	80	1.0	28	18
161	4851	D	TME	0.01	0.1	11	29	38	2.0	16	24
162	4852	D	TME	0.01	0.1	32	8	26	0.1	18	36
163	4853	D	TME	0.01	0.1	8	6	34	1.0	8	12
164	4854	D	TME	0.01	0.1	6	7	42	1.0	7	18
165	4855	D	TME	0.01	0.1	41	8	61	1.0	7	10
166	4856	D	TME	0.01	0.1	7	6	100	1.0	6	16
167	4857	D	TD	0.01	0.1	8	5	54	0.1	7	10
168	4858	D	TD	0.01	0.1	9	10	29	0.1	7	10
169	4859	D	TD	0.01	0.1	5	11	21	1.0	8	14
170	4860	D	TD	0.01	0.1	5	17	19	0.1	9	17
171	4861	D	TD	0.01	0.1	4	50	21	0.1	6	12
172	4862	D	TD	0.01	0.1	5	28	10	1.0	28	9
173	4863	D	TD	0.01	0.1	5	30	20	2.0	8	11
174	4864	D	TD	0.01	0.1	4	4	53	0.1	6	8
175	4865	D	TD	0.01	0.1	6	6	31	1.0	5	10
176	4866	D	TD	0.01	0.1	24	11	86	1.0	10	20
177	4867	D	TD	0.01	0.1	5	8	114	0.1	15	20
178	4868	D	TD	0.01	0.1	10	5	87	1.0	10	14
179	4869	D	TD	0.01	0.1	4	6	45	0.1	8	14
180	4870	D	TD	0.01	0.1	13	8	73	1.0	7	14
181	4871	D	TD	0.01	0.1	10	9	36	0.1	9	15
182	4872	D	TD	0.01	0.1	45	9	47	1.0	15	28
183	4873	D	TME	0.01	0.1	18	10	95	0.1	28	56
184	4874	D	TD	0.20	0.1	9	10	9	0.1	3	10
185	4875	D	TD	2.26	0.1	23	12	132	0.1	19	23
186	4876	D	TME	0.01	0.1	3	7	33	0.1	8	20
187	4877	D	TD	0.01	0.1	17	8	57	0.1	7	20
188	4878	D	TD	0.01	0.1	12	5	58	0.1	7	14
189	4879	D	TD	0.01	0.1	12	8	90	0.1	8	14
190	4880	D	TD	0.20	0.1	24	21	980	0.1	5	16
191	4881	D	TD	0.01	0.1	7	7	50	0.1	8	20
192	4882	D	TD	0.01	0.1	18	8	225	0.1	22	60
193	4883	D	TD	0.06	0.1	10	11	200	0.1	9	28
194	4884	D	TD	0.08	0.1	17	16	73	0.1	12	24
195	4885	D	TD	0.36	0.1	45	17	138	0.1	15	34
196	4886	D	TD	0.24	0.1	26	14	100	0.1	11	31
197	4887	D	TD	0.06	0.1	19	78	150	0.1	16	41
198	4888	D	TD	0.04	0.1	16	57	161	1.0	23	41
199	4889	D	TD	0.04	0.1	16	15	67	0.1	13	22
200	4890	D	TD	0.01	0.1	53	12	89	1.0	38	26
201	4891	D	TD	0.01	0.1	36	12	34	1.0	15	20
202	4892	D	TD	0.12	0.1	47	21	67	1.0	20	21
203	4893	D	TD	0.04	0.1	30	16	84	0.1	20	27
204	4894	D	TD	0.01	0.1	22	13	70	1.0	18	25
205	4895	D	TD	0.16	0.1	27	15	74	1.0	24	32
206	4476	M	Q	0.04	0.1	23	13	60	2.0	15	25
207	4477	M	Q	0.03	0.1	22	12	70	1.0	15	30
208	4478	M	Q	0.01	0.1	10	12	34	1.0	6	15
209	4479	M	Q	0.01	0.1	22	10	44	1.0	17	31
210	4480	M	Q	0.01	0.1	13	13	41	1.0	12	19
211	4481	M	Q	0.01	0.1	63	14	79	1.0	42	51
212	4482	M	Q	0.01	0.1	16	12	26	1.0	7	16
213	4483	M	TEM	0.01	0.1	28	14	46	2.0	19	40
214	4484	M	TEM	0.01	0.1	25	13	47	0.1	17	29
215	4485	M	TEM	0.03	0.1	17	16	44	0.1	15	26
216	4486	M	TD	0.03	0.1	7	8	74	0.1	6	6
217	4487	M	KTO	0.03	0.1	194	15	75	0.1	848	560
218	4488	M	TD	0.06	0.1	5	7	51	0.1	4	4
219	4489	M	TD	0.01	0.1	14	7	73	0.1	4	5
220	4490	M	TD	0.01	0.1	3	7	24	0.1	4	4
221	4491	M	TD	0.01	0.1	2	6	19	0.1	3	3
222	4492	M	TD	0.04	0.1	3	5	37	0.1	3	2
223	4493	M	TD	0.06	0.1	2	8	28	0.1	2	4
224	4494	M	TD	0.01	0.1	1	4	33	1.0	3	4
225	4495	M	KTO	0.06	0.1	43	15	21	0.1	37	102

No.	Numero de Muestra	Area	Simbologia	Contenido en ppm							
				AU	AG	CU	PB	ZN	MO	NI	CR
226	4496	M	TEM	0.10	0.1	18	12	16	0.1	4	26
227	4497	M	TD	0.04	0.1	5	15	80	0.1	13	20
228	4498	M	KTO	0.06	0.1	134	12	62	0.1	444	690
229	4499	M	KTO	0.06	0.1	21	9	90	0.1	76	84
230	4500	M	KTO	0.06	0.1	166	13	84	0.1	262	250
231	4501	M	KTO	0.06	0.1	94	12	49	0.1	216	340
232	4502	M	KTO	0.01	0.1	75	12	122	1.0	484	400
233	4503	M	KTO	0.06	0.1	113	15	60	1.0	1050	840
234	4504	M	KTO	0.01	0.1	44	28	570	0.1	100	160
235	4505	M	KTO	0.01	0.1	100	16	91	1.0	324	510
236	4506	M	TD	0.06	0.1	6	13	166	0.1	3	5
237	4701	M	TEM	0.01	0.1	55	5	23	0.1	22	47
238	4702	M	KTO	0.01	0.1	76	13	48	1.0	774	460
239	4703	M	KTO	0.01	0.1	105	16	55	0.1	884	760
240	4704	M	KTO	0.01	0.1	84	15	48	0.1	838	450
241	4705	M	TD	0.01	0.1	70	13	71	0.1	517	490
242	4706	M	KTO	0.01	0.1	107	14	63	2.0	552	810
243	4707	M	TD	0.01	0.1	9	21	65	0.1	12	24
244	4708	M	KTO	0.01	0.1	4	16	49	0.1	7	12
245	4709	M	KTO	0.01	0.1	4	10	39	1.0	15	21
246	4710	M	KTO	0.01	0.1	85	11	51	1.0	486	400
247	4711	M	KTO	0.01	0.1	75	15	41	1.0	1040	540
248	4712	M	TD	0.01	0.1	4	14	90	1.0	7	13
249	4713	M	KTO	0.01	0.1	143	12	77	0.1	262	470
250	4714	M	TD	0.01	0.1	2	14	63	0.1	3	10
251	4715	M	TD	0.01	0.1	2	13	124	0.1	63	53
252	4716	M	TD	0.01	0.1	3	12	119	0.1	4	10
253	4717	M	TD	0.04	0.1	2	10	120	0.1	5	9
254	4718	M	TD	0.40	0.1	3	9	112	0.1	28	65
255	4719	M	TD	0.01	0.1	1	13	89	0.1	4	8
256	4720	M	TD	0.01	0.1	1	6	123	0.1	3	11
257	4721	M	TD	0.01	0.1	2	6	94	0.1	3	10
258	4722	M	TD	0.01	0.1	289	16	163	0.1	440	570
259	4507	N	TD	0.06	0.1	109	132	240	3.0	35	82
260	4508	N	TD	0.10	0.1	130	41	130	3.0	60	88
261	4509	N	TD	0.06	0.1	280	11	40	0.1	10	45
262	4510	N	TD	0.20	0.1	81	89	159	2.0	27	66
263	4511	N	TD	0.06	0.1	98	43	124	5.0	27	70
264	4512	N	TD	0.28	0.1	75	65	112	6.0	17	50
265	4513	N	TD	0.01	0.1	141	43	112	4.0	24	56
266	4514	N	TD	0.06	0.1	118	42	136	6.0	32	57
267	4515	N	TD	0.12	0.1	131	120	185	8.0	28	77
268	4516	N	PZM	0.06	0.1	1480	22	36	25.0	64	136
269	4517	N	TD	0.08	0.1	380	14	37	1.0	9	49
270	4518	N	TD	0.08	0.1	400	51	61	2.0	11	37
271	4519	N	TD	0.08	0.1	1360	21	60	12.0	62	165
272	4520	N	PZM	0.06	0.1	560	21	60	5.0	38	150
273	4521	N	PZM	0.01	0.1	550	26	54	24.0	41	190
274	4522	N	TD	0.01	0.1	114	34	71	1.0	27	53
275	4523	N	PZM	0.02	0.1	117	33	73	6.0	38	63
276	4524	N	PZM	0.01	0.1	168	33	78	6.0	38	65
277	4525	N	PZM	0.04	0.1	199	19	70	4.0	50	101
278	4526	N	TD	0.01	0.1	15	15	40	2.0	9	27
279	4527	N	TD	0.01	0.1	72	24	98	0.1	9	32
280	4528	N	TD	0.01	0.1	240	43	120	0.1	7	21
281	4529	N	TD	0.01	0.1	435	24	58	7.0	12	35
282	4530	N	TD	0.04	0.1	1390	100	178	7.0	12	27
283	4531	N	TD	0.01	0.1	195	47	95	9.0	34	84
284	4532	N	TD	0.01	0.1	46	209	500	0.1	10	30
285	4533	N	TD	0.01	0.1	122	62	205	1.0	9	26
286	4534	N	TD	0.06	0.1	283	31	480	3.0	11	26
287	4535	N	TD	0.10	0.1	88	36	104	2.0	10	30
288	4536	N	TD	0.08	0.1	27	37	63	0.1	12	25
289	4537	N	TD	0.08	0.1	156	10	117	3.0	5	15
290	4538	N	TD	0.10	0.1	148	20	77	4.0	9	26
291	4539	N	TD	0.04	0.1	45	19	43	18.0	10	19
292	4540	N	TD	0.08	0.1	560	78	41	3.0	10	16
293	4541	N	TD	0.18	0.1	420	64	70	20.0	9	24
294	4542	N	TD	0.10	0.1	285	19	41	15.0	12	30
295	4543	N	TD	0.22	0.1	830	31	54	1.0	14	38
296	4544	N	TD	0.06	0.1	112	65	33	8.0	15	30
297	4545	N	TD	0.14	0.1	350	47	50	0.1	11	36
298	4546	N	TD	0.14	2.0	1210	45	100	0.1	34	84
299	4547	N	TD	0.18	0.1	33	14	34	1.0	10	20
300	4548	N	TD	0.03	0.1	8	13	38	1.0	8	23

No.	Numero de Muestra	Area	Simbologia	Contenido en ppm							
				AU	AG	CU	PB	ZN	MO	NI	CR
301	4549	N	TD	0.01	0.1	470	18	137	8.0	96	115
302	4550	N	TD	0.01	0.1	14	13	38	3.0	7	19
303	4551	N	TD	0.04	0.1	28	22	35	2.0	9	30
304	4552	N	TD	0.04	0.1	13	12	41	1.0	6	20
305	4553	N	TD	0.06	2.0	154	22	128	8.0	39	112
306	4554	N	TD	0.06	0.1	128	13	21	2.0	8	37
307	4555	N	TD	0.04	0.1	21	19	32	1.0	8	20
308	4556	N	PZM	0.08	0.1	81	28	43	3.0	14	27
309	4557	N	PZM	0.01	0.1	35	17	30	2.0	15	29
310	4558	N	PZM	0.01	0.1	118	53	53	6.0	20	38
311	4559	N	PZM	0.01	0.1	312	34	142	2.0	48	175
312	4560	N	PZM	0.01	0.1	28	20	23	0.1	11	21
313	4561	N	TD	0.01	0.1	14	27	29	1.0	8	20
314	4562	N	TD	0.04	0.1	10	22	30	1.0	7	18
315	4563	N	TD	0.01	0.1	66	69	83	3.0	8	27
316	4564	N	TD	0.01	0.1	260	35	71	7.0	27	110
317	4565	N	TD	0.01	0.1	84	17	43	3.0	10	31
318	4566	N	TD	0.03	0.1	121	64	108	6.0	22	62
319	4567	N	TD	0.01	0.1	121	27	97	1.0	64	380
320	4568	N	PZM	0.01	0.1	36	17	73	1.0	12	31
321	4569	N	PZM	0.01	0.1	127	13	68	1.0	28	97
322	4570	N	PZM	0.01	0.1	111	21	210	2.0	95	380
323	4571	N	TD	0.01	0.1	8	29	36	1.0	10	22
324	4572	N	PZM	0.01	0.1	15	19	30	1.0	10	22
325	4573	N	PZM	0.01	0.1	7	15	28	3.0	8	22
326	4574	N	PZM	0.01	0.1	10	17	20	1.0	9	19
327	4575	N	PZM	0.01	0.1	19	25	28	2.0	12	20
328	4576	N	TME	0.01	0.1	11	26	18	5.0	12	29
329	4577	N	TME	0.01	0.1	129	13	47	10.0	76	172
330	4578	N	TME	0.01	0.1	17	20	18	5.0	11	19
331	4579	N	TME	0.01	0.1	100	23	34	11.0	20	32
332	4580	N	TD	0.01	0.1	560	17	64	13.0	120	210
333	4581	N	TD	0.01	2.0	135	14	55	0.1	87	280
334	4582	N	TD	0.24	0.1	420	20	61	1.0	48	40
335	4583	N	PZM	0.01	2.0	20	20	42	0.1	26	46
336	4584	N	PZM	0.01	2.0	19	24	26	0.1	15	31
337	4585	N	PZM	0.26	0.1	25	12	38	0.1	72	133
338	4586	N	TME	0.01	0.1	5	18	30	0.1	11	22
339	4587	N	TME	0.04	0.1	53	20	37	36.0	26	78
340	4588	N	TME	0.08	0.1	7	21	35	1.0	12	22
341	4589	N	TME	0.01	0.1	36	20	20	45.0	12	101
342	4590	N	TME	0.06	0.1	48	47	26	6.0	33	90
343	4591	N	TME	0.01	0.1	6	29	10	1.0	7	11
344	4592	N	PZM	0.16	0.1	95	28	28	17.0	55	126
345	4593	N	PZM	0.01	2.0	67	57	36	2.0	36	68
346	4594	N	PZM	0.04	2.0	37	29	27	4.0	19	43
347	4595	N	PZM	0.06	0.1	45	38	31	4.0	26	62
348	4596	N	Q	0.04	0.1	6	19	27	1.0	7	19
349	4597	N	Q	0.04	0.1	9	21	25	1.0	20	20
350	4598	N	TME	0.06	0.1	49	107	21	53.0	10	24
351	4599	N	PZM	0.70	0.1	36	22	62	1.0	91	177
352	4600	N	PZM	0.46	2.0	49	18	61	1.0	37	106
353	4601	N	PZM	0.06	0.1	33	21	44	1.0	15	38
354	4602	N	PZM	0.10	0.1	13	15	36	1.0	8	20
355	4603	N	PZM	0.10	0.1	46	18	70	1.0	107	270
356	4604	N	PZM	0.06	0.1	22	22	26	1.0	9	14
357	4605	N	PZM	0.04	0.1	20	20	23	1.0	10	24
358	4606	N	PZM	0.06	0.1	6	15	30	0.1	8	24
359	4607	N	PZM	0.06	0.1	10	17	36	0.1	7	22
360	4608	N	PZM	0.06	0.1	24	13	19	1.0	18	27
361	4609	N	PZM	0.10	0.1	26	10	13	0.1	13	17
362	4657	N	TD	0.01	0.1	91	97	240	2.0	26	68
363	4658	N	TD	0.01	0.1	138	102	270	4.0	32	72
364	4659	N	TD	0.01	0.1	75	53	110	3.0	15	40
365	4660	N	TD	0.06	0.1	390	38	105	6.0	9	23
366	4661	N	TD	0.04	0.1	251	31	37	1.0	7	30
367	4662	N	TD	0.01	0.1	56	10	18	0.1	4	37
368	4663	N	TD	0.01	0.1	50	15	34	1.0	7	17
369	4664	N	TD	0.06	0.1	1790	12	50	12.0	82	164
370	4665	N	PZM	0.01	0.1	245	26	72	4.0	56	51
371	4666	N	TD	0.01	0.1	190	17	29	0.1	8	41
372	4667	N	TD	0.01	0.1	314	23	38	0.1	50	110
373	4668	N	TD	0.01	0.1	22	22	30	2.0	8	16
374	4669	N	TD	0.01	0.1	226	15	38	7.0	40	145
375	4670	N	TD	0.01	0.1	286	71	135	0.1	17	35

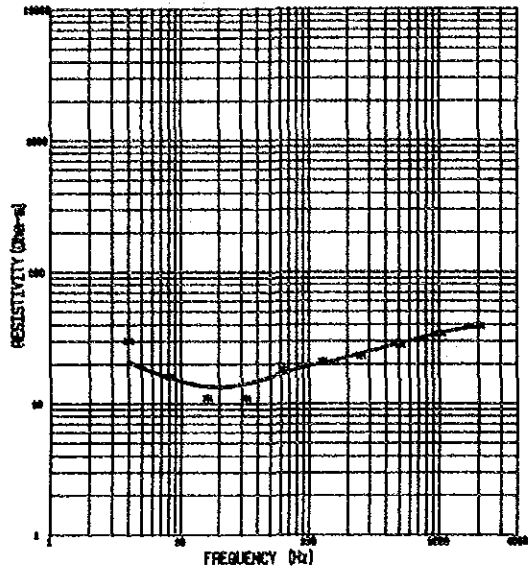
No.	Numero de Muestra	Area	Simbologia	Contenido en ppm							
				AU	AG	CU	PB	ZN	MO	NI	CR
376	4671	N	TD	0.01	0.1	17	21	43	0.1	8	22
377	4672	N	TD	0.01	0.1	66	20	56	0.1	41	119
378	4673	N	TD	0.01	0.1	43	20	44	1.0	25	46
379	4674	N	TD	0.01	0.1	14	20	26	0.1	9	20
380	4675	N	TD	0.01	0.1	8	19	22	0.1	6	20
381	4676	N	PZM	0.04	0.1	310	64	130	2.0	134	270
382	4677	N	PZM	0.10	0.1	35	24	39	1.0	37	22
383	4678	N	TD	0.04	0.1	110	43	79	2.0	15	33
384	4679	N	TD	0.01	0.1	7	20	30	0.1	6	14
385	4680	N	TD	0.01	0.1	8	17	34	1.0	6	9
386	4681	N	TD	0.06	0.1	180	22	38	1.0	23	50
387	4682	N	TD	0.08	0.1	480	17	44	6.0	46	94
388	4683	N	TD	0.01	0.1	150	20	48	1.0	13	58
389	4684	N	TD	0.01	0.1	75	32	66	16.0	14	33
390	4685	N	TD	0.04	0.1	120	76	136	4.0	26	79
391	4686	N	TD	0.01	0.1	18	18	32	3.0	10	21
392	4687	N	TD	0.01	0.1	19	20	22	2.0	5	15
393	4688	N	TD	0.01	0.1	21	18	29	1.0	7	15
394	4689	N	TD	0.01	0.1	33	35	48	2.0	9	20
395	4690	N	TD	0.01	0.1	96	24	87	2.0	25	103
396	4691	N	TD	0.01	0.1	21	16	29	1.0	10	16
397	4692	N	PZM	0.38	0.1	69	17	45	3.0	250	230
398	4693	N	PZM	0.01	0.1	19	17	28	2.0	8	19
399	4694	N	PZM	0.01	0.1	39	10	40	0.1	22	40
400	4695	N	PZM	0.01	0.1	21	10	25	0.1	10	48
401	4696	N	TD	0.01	0.1	210	30	108	6.0	46	105
402	4697	N	TD	0.12	0.1	470	11	20	4.0	9	29
403	4698	N	PZM	0.08	0.1	262	26	73	15.0	46	78
404	4699	N	PZM	0.01	0.1	210	26	60	8.0	45	88
405	4700	N	PZM	0.01	0.1	570	16	52	8.0	85	200
406	4772	N	PZM	0.01	0.1	22	18	23	2.0	7	14
407	4773	N	PZM	0.01	0.1	60	86	33	34.0	12	22
408	4774	N	PZM	0.10	0.1	57	67	30	44.0	8	27
409	4775	N	PZM	0.01	0.1	112	33	60	23.0	10	90
410	4776	N	PZM	0.01	0.1	31	32	36	25.0	13	57
411	4777	N	PZM	0.01	0.1	73	24	56	53.0	46	40
412	4778	N	TD	0.01	0.1	53	18	33	12.0	19	32
413	4779	N	TD	0.01	0.1	55	160	37	18.0	22	13
414	4780	N	TD	0.04	0.1	55	73	46	10.0	10	51
415	4781	N	TD	0.01	0.1	253	43	41	31.0	4	67
416	4782	N	TD	0.01	0.1	243	49	32	68.0	17	58
417	4783	N	TD	0.01	0.1	580	99	160	60.0	16	144
418	4784	N	TD	0.04	0.1	126	27	66	16.0	13	94
419	4785	N	TD	0.12	0.1	185	139	27	39.0	40	32
420	4786	N	TD	0.10	0.1	52	76	77	23.0	25	27
421	4787	N	TD	0.01	0.1	45	58	45	12.0	5	17
422	4788	N	TD	0.06	0.1	12	36	23	6.0	9	20
423	4789	N	TD	0.06	0.1	200	209	12	86.0	6	20
424	4790	N	TD	0.06	0.1	123	32	16	105.0	21	27
425	4791	N	TD	0.08	0.1	75	23	12	64.0	7	37
426	4792	N	TD	0.08	0.1	24	38	21	12.0	7	21
427	4793	N	TD	0.20	0.1	119	24	10	8.0	7	63
428	4794	N	TD	0.20	0.1	182	16	6	24.0	7	12
429	4795	N	TD	0.28	0.1	430	20	7	33.0	6	17
430	4796	N	TD	0.40	0.1	240	22	9	93.0	5	46
431	4797	N	TD	0.18	0.1	84	368	32	36.0	8	27
432	4798	N	TD	0.08	0.1	61	30	35	12.0	7	17
433	4799	N	TD	0.08	0.1	37	11	46	32.0	5	27
434	4800	N	TD	0.10	0.1	38	121	77	17.0	9	39
435	4801	N	TD	0.01	0.1	18	12	20	4.0	15	63
436	4802	N	PZM	0.01	0.1	132	123	68	132.0	37	185
437	4803	N	PZM	0.04	0.1	160	19	43	7.0	45	240
438	4804	N	PZM	0.01	0.1	17	8	10	4.0	7	13
439	4805	N	TD	0.01	0.1	159	15	20	10.0	26	170
440	4806	N	PZM	0.01	0.1	32	11	7	3.0	7	15
441	4810	N	PZM	0.01	0.1	10	10	8	1.0	5	10
442	4811	N	PZM	0.08	0.1	27	11	8	2.0	12	30
443	4812	N	PZM	0.01	2.0	227	15	10	4.0	19	106
444	4813	N	PZM	0.01	0.1	73	14	28	2.0	69	56
445	4814	N	PZM	0.01	0.1	65	20	29	3.0	37	100
446	4815	N	PZM	0.01	0.1	32	14	12	1.0	20	38
447	4816	N	PZM	0.04	0.1	19	17	24	1.0	14	43
448	4817	N	PZM	0.01	0.1	14	15	10	1.0	8	16
449	4818	N	PZM	0.01	0.1	12	23	52	1.0	12	21
450	4819	N	TD	0.04	0.1	13	15	11	2.0	13	30

No.	Numero de Muestra	Area	Simbologia	Contenido en ppm							
				AU	AG	CU	PB	ZN	MO	NI	CR
451	4820	N	PZM	1.48	0.1	157	203	9	2.0	22	24
452	4821	N	PZM	0.10	0.1	13	24	17	1.0	8	22
453	4822	N	PZM	0.04	0.1	8	17	19	3.0	8	18
454	4823	N	PZM	0.01	0.1	8	18	20	3.0	6	22
455	4824	N	PZM	0.01	0.1	7	19	17	2.0	6	21
456	4825	N	PZM	0.05	2.0	6	17	24	4.0	7	17
457	4826	N	PZM	0.03	0.1	6	16	19	3.0	9	22
458	4896	N	TD	0.01	0.1	9	17	28	1.0	9	20
459	4897	N	TD	0.08	0.1	490	73	67	2.0	15	30
460	4898	N	TD	0.04	0.1	37	29	16	2.0	10	27
461	4899	N	Q	0.06	0.1	9	22	16	1.0	8	13
462	4900	N	Q	0.08	0.1	83	65	59	34.0	21	44
463	4901	N	Q	0.01	0.1	12	19	26	2.0	10	18
464	4902	N	Q	0.01	0.1	8	13	25	2.0	3	17
465	4903	N	Q	0.01	0.1	7	15	23	2.0	3	17
466	4904	N	Q	0.01	0.1	29	35	34	3.0	14	42
467	4905	N	Q	0.01	0.1	23	18	29	4.0	3	21
468	4906	N	Q	0.04	0.1	174	139	216	34.0	17	87
469	4907	N	Q	0.01	0.1	92	53	74	24.0	31	190
470	4908	N	Q	0.01	0.1	73	40	43	16.0	39	61
471	4909	N	Q	0.03	0.1	14	16	32	2.0	5	17
472	4910	N	Q	0.01	0.1	11	17	30	0.1	6	17
473	4912	N	Q	0.01	0.1	23	25	18	2.0	7	17
474	4913	N	Q	0.04	0.1	9	23	24	2.0	6	17
475	4914	N	Q	0.08	0.1	42	34	67	4.0	28	87
476	4915	N	PZM	0.01	0.1	13	22	26	2.0	5	21
477	4916	N	Q	0.01	0.1	9	19	27	2.0	8	17
478	4917	N	Q	0.01	0.1	20	26	8	3.0	6	21
479	4918	N	Q	0.01	0.1	9	15	31	1.0	6	17
480	4919	N	TME	0.01	0.1	13	24	17	2.0	7	17
481	4920	N	PZM	0.01	0.1	69	33	31	5.0	19	45
482	4921	N	PZM	0.01	0.1	300	37	99	22.0	14	61
483	4922	N	PZM	0.01	0.1	200	536	105	72.0	33	136
484	4923	N	TD	0.01	0.1	106	100	67	8.0	32	127
485	4924	N	TD	0.16	0.1	570	427	112	41.0	20	32
486	4925	N	TD	0.01	0.1	290	24	101	6.0	82	95
487	4926	N	TD	0.01	0.1	13	25	26	4.0	10	24
488	4927	N	TME	0.01	0.1	10	21	15	4.0	7	16
489	4928	N	TME	0.01	0.1	9	21	27	3.0	9	17
490	4929	N	TME	0.01	0.1	14	24	21	4.0	9	24
491	4930	N	TME	0.01	0.1	52	45	32	4.0	26	51
492	4931	N	TME	0.01	0.1	150	44	79	4.0	28	42
493	4932	N	TME	0.01	0.1	9	19	27	2.0	5	15
494	4933	N	PZM	0.01	0.1	27	23	24	1.0	7	18
495	4934	N	Q	0.01	0.1	10	19	25	1.0	10	17
496	4935	N	PZM	0.08	0.1	148	32	59	32.0	40	16
497	4936	N	TME	0.01	0.1	13	17	32	2.0	9	16
498	4937	N	TME	0.01	0.1	70	27	60	10.0	50	98
499	4938	N	TME	0.01	0.1	12	18	41	1.0	23	17
500	4939	N	PZM	0.01	0.1	25	23	33	2.0	12	22
501	4940	N	PZM	0.01	0.1	31	24	27	2.0	10	27
502	4941	N	PZM	0.01	0.1	87	30	43	12.0	33	68
503	4942	N	PZM	0.01	0.1	6	19	21	3.0	10	21
504	4943	N	TD	0.01	0.1	23	13	22	2.0	52	270
505	4944	N	PZM	0.01	2	2	20	15	2.0	7	19
506	4945	N	TD	0.01	2	180	16	16	0.1	58	160
507	4946	N	TD	0.01	2	90	23	71	0.1	47	290
508	4947	N	TD	0.01	1	12	18	20	1.0	10	30
509	4948	N	PZM	0.01	2	24	33	70	1.0	20	33
510	4949	N	TD	0.06	2	46	26	32	1.0	18	45
511	4950	N	TD	0.01	1	70	29	44	1.0	18	23
512	4951	N	TD	0.01	1	10	26	18	1.0	10	24
513	4952	N	TD	0.01	1	40	27	39	1.0	18	27
514	4953	N	PZM	0.04	2	18	27	14	1.0	11	16

D	Dominical	Q	Depósitos no consolidado
N	Cerro Negro	TQV	Formacion Popayán
		Tme	Formacion Esmita
M	La Medina	Tem	Formacion Mosquera
		KTO	Ofiolitas
		Pzm	Grupo Cajamarca (?)
		Td	Rocas Igneas

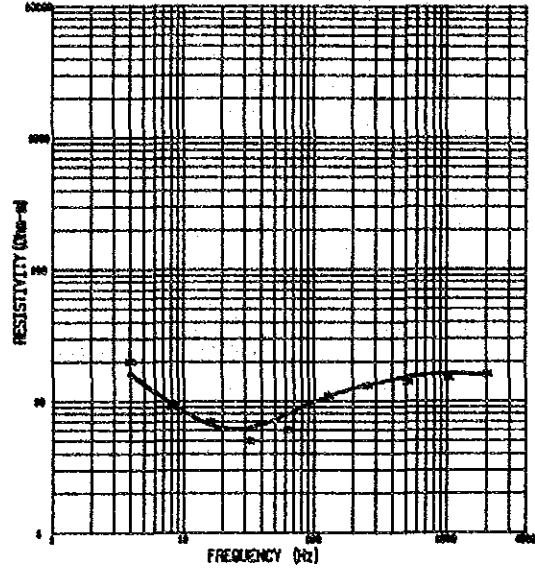
Apéndice 5 CURVAS DE RESISTIVIDAD APARENTE

CLNBIA No. 1



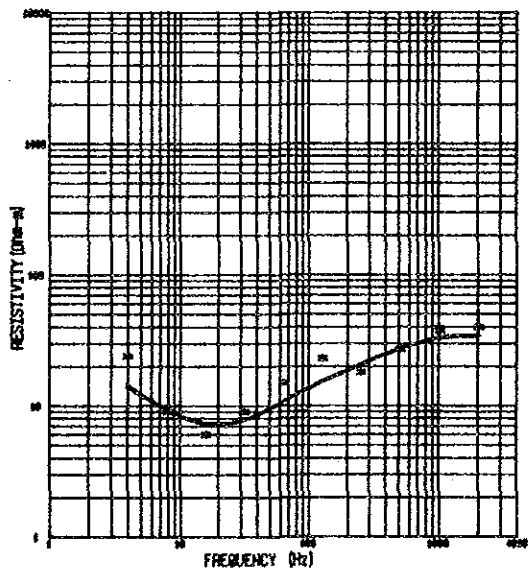
Raw Data (Hz)	Calculated (Hz)	Model
10 20 30 40 50 60 70 80 90 100 120 150 200 300 400	10 20 30 40 50 60 70 80 90 100 120 150 200 300 400	Resistivity Thickness 38 (Ohm-m) 84 (m) 12 (Ohm-m) 370 (m) 100 (Ohm-m) Infinite

CLNBIA No. 2



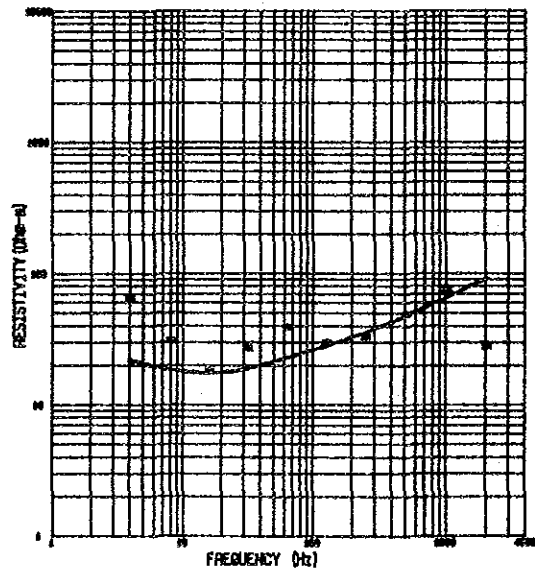
Raw Data (Hz)	Calculated (Hz)	Model
10 20 30 40 50 60 70 80 90 100 120 150 200 300 400	10 20 30 40 50 60 70 80 90 100 120 150 200 300 400	Resistivity Thickness 15 (Ohm-m) 70 (m) 5 (Ohm-m) 184 (m) 500 (Ohm-m) Infinite

CLNBIA No. 3



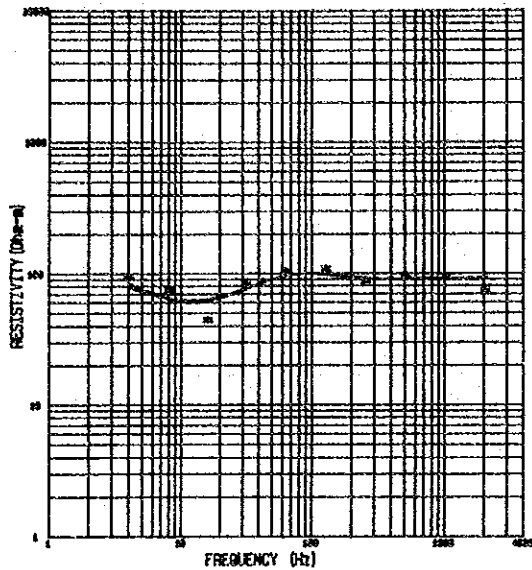
Raw Data (Hz)	Calculated (Hz)	Model
10 20 30 40 50 60 70 80 90 100 120 150 200 300 400	10 20 30 40 50 60 70 80 90 100 120 150 200 300 400	Resistivity Thickness 30 (Ohm-m) 80 (m) 5 (Ohm-m) 200 (m) 200 (Ohm-m) Infinite

CLNBIA No. 4



Raw Data (Hz)	Calculated (Hz)	Model
10 20 30 40 50 60 70 80 90 100 120 150 200 300 400	10 20 30 40 50 60 70 80 90 100 120 150 200 300 400	Resistivity Thickness 110 (Ohm-m) 70 (m) 14 (Ohm-m) 400 (m) 50 (Ohm-m) Infinite

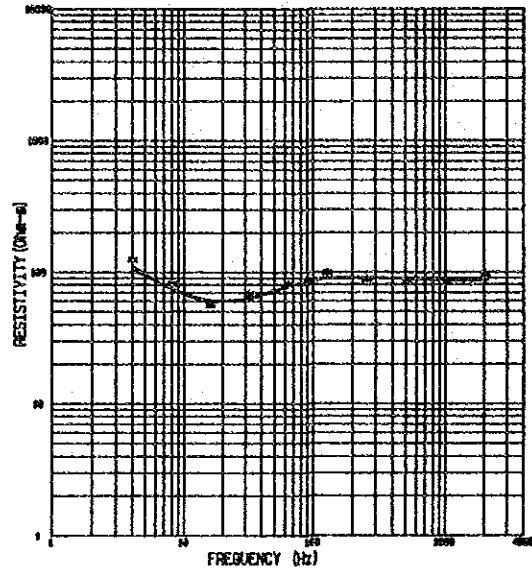
CLNBIA No. 9



Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)
1	86	70	70
2	44	82	82
3	62	76	76
4	103	84	84
5	108	86	86
6	87	80	80
7	87	88	88
8	84	80	80
9	75	88	88
10		68	68
11		2048	2048

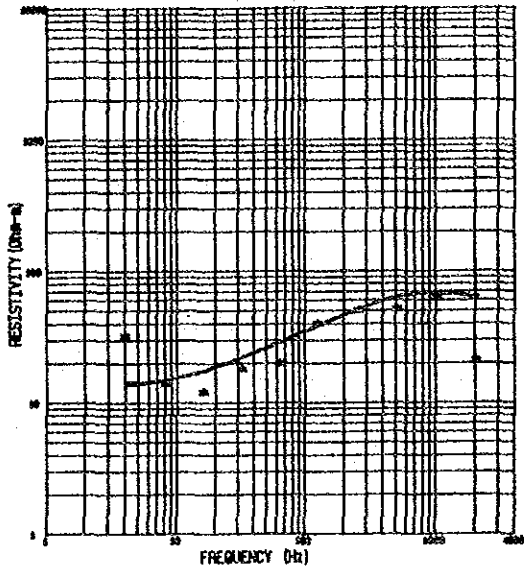
Model
Resistivity Thickness
90 (Ohm-m) 700 (m)
10 (Ohm-m) 100 (m)
500 (Ohm-m) Infinite

CLNBIA No. 10



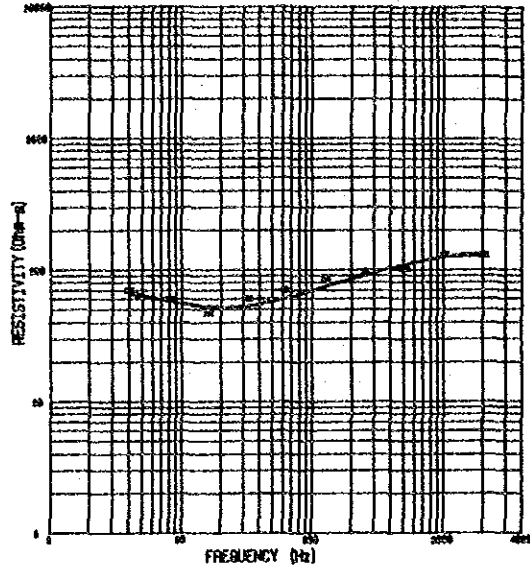
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)
1	124	105	105
2	81	73	73
3	88	58	58
4	88	77	77
5	88	88	88
6	88	88	88
7	88	88	88
8	88	88	88
9	88	88	88
10	88	88	88
11	88	88	88
12	88	88	88
13	88	88	88
14	88	88	88
15	88	88	88
16	88	88	88
17	88	88	88
18	88	88	88
19	88	88	88
20	88	88	88
21	88	88	88
22	88	88	88
23	88	88	88
24	88	88	88
25	88	88	88
26	88	88	88
27	88	88	88
28	88	88	88
29	88	88	88
30	88	88	88
31	88	88	88
32	88	88	88
33	88	88	88
34	88	88	88
35	88	88	88
36	88	88	88
37	88	88	88
38	88	88	88
39	88	88	88
40	88	88	88
41	88	88	88
42	88	88	88
43	88	88	88
44	88	88	88
45	88	88	88
46	88	88	88
47	88	88	88
48	88	88	88
49	88	88	88
50	88	88	88
51	88	88	88
52	88	88	88
53	88	88	88
54	88	88	88
55	88	88	88
56	88	88	88
57	88	88	88
58	88	88	88
59	88	88	88
60	88	88	88
61	88	88	88
62	88	88	88
63	88	88	88
64	88	88	88
65	88	88	88
66	88	88	88
67	88	88	88
68	88	88	88
69	88	88	88
70	88	88	88
71	88	88	88
72	88	88	88
73	88	88	88
74	88	88	88
75	88	88	88
76	88	88	88
77	88	88	88
78	88	88	88
79	88	88	88
80	88	88	88
81	88	88	88
82	88	88	88
83	88	88	88
84	88	88	88
85	88	88	88
86	88	88	88
87	88	88	88
88	88	88	88
89	88	88	88
90	88	88	88
91	88	88	88
92	88	88	88
93	88	88	88
94	88	88	88
95	88	88	88
96	88	88	88
97	88	88	88
98	88	88	88
99	88	88	88
100	88	88	88
101	88	88	88
102	88	88	88
103	88	88	88
104	88	88	88
105	88	88	88
106	88	88	88
107	88	88	88
108	88	88	88
109	88	88	88
110	88	88	88
111	88	88	88
112	88	88	88
113	88	88	88
114	88	88	88
115	88	88	88
116	88	88	88
117	88	88	88
118	88	88	88
119	88	88	88
120	88	88	88
121	88	88	88
122	88	88	88
123	88	88	88
124	88	88	88
125	88	88	88
126	88	88	88
127	88	88	88
128	88	88	88
129	88	88	88
130	88	88	88
131	88	88	88
132	88	88	88
133	88	88	88
134	88	88	88
135	88	88	88
136	88	88	88
137	88	88	88
138	88	88	88
139	88	88	88
140	88	88	88
141	88	88	88
142	88	88	88
143	88	88	88
144	88	88	88
145	88	88	88
146	88	88	88
147	88	88	88
148	88	88	88
149	88	88	88
150	88	88	88
151	88	88	88
152	88	88	88
153	88	88	88
154	88	88	88
155	88	88	88
156	88	88	88
157	88	88	88
158	88	88	88
159	88	88	88
160	88	88	88
161	88	88	88
162	88	88	88
163	88	88	88
164	88	88	88
165	88	88	88
166	88	88	88
167	88	88	88
168	88	88	88
169	88	88	88
170	88	88	88
171	88	88	88
172	88	88	88
173	88	88	88
174	88	88	88
175	88	88	88
176	88	88	88
177	88	88	88
178	88	88	88
179	88	88	88
180	88	88	88
181	88	88	88
182	88	88	88
183	88	88	88
184	88	88	88
185	88	88	88
186	88	88	88
187	88	88	88
188	88	88	88
189	88	88	88
190	88	88	88
191	88	88	88
192	88	88	88
193	88	88	88
194	88	88	88
195	88	88	88
196	88	88	88
197	88	88	88
198	88	88	88
199	88	88	88
200	88	88	88
201	88	88	88
202	88	88	88
203	88	88	88
204	88	88	88
205	88	88	88
206	88	88	88
207	88	88	88
208	88	88	88
209	88	88	88
210	88	88	88
211	88	88	88
212	88	88	88
213	88	88	88
214	88	88	88
215	88	88	88
216	88	88	88
217	88	88	88
218	88	88	88
219	88	88	88
220	88	88	88
221	88	88	88
222	88	88	88
223	88	88	88
224	88	88	88
225	88	88	88
226	88	88	88
227	88	88	88
228	88	88	88
229	88	88	88
230	88	88	88
231	88	88	88
232	88	88	88
233	88	88	88
234	88	88	88
235	88	88	88
236	88	88	88
237	88	88	88
238	88	88	88
239	88	88	88
240	88	88	88
241	88	88	88
242	88	88	88
243	88	88	88
244	88	88	88
245	88	88	88
246	88	88	88
247	88	88	88
248	88	88	88
249	88	88	88
250	88	88	88
251	88	88	88
252	88	88	88
253	88	88	88
254	88	88	88
255	88	88	88
256	88	88	88
257	88	88	88
258	88	88	88
259	88	88	88
260	88	88	88
261	88	88	88
262	88	88	88
263	88	88	88
264	88	88	88
265	88	88	88
266	88	88	88
267	88	88	88
268	88	88	88
269	88	88	88
270	88	88	88
271	88	88	88
272	88	88	88
273	88	88	88
274	88	88	88
275	88	88	88
276	88	88	88
277	88	88	88
278	88	88	88
279	88	88	88
280	88	88	88
281	88	88	88
282	88	88	88
283	88	88	88
284	88	88	88
285	88	88	88
286	88	88	88
287	88	88	88
288	88	88	88
289	88	88	88
290	88	88	88
291	88	88	88
292	88	88	88
293	88	88	88
294	88	88	88
295	88	88	88
296	88	88	88
297	88	88	88
298	88	88	88
299	88	88	88
300	88	88	88
301	88	88	88
302	88	88	88
303	88	88	88
304	88	88	88
305	88	88	88
306	88	88	88
307	88	88	88
308	88	88	88
309	88	88	88
310	88	88	88
311	88	88	88
312	88	88	88
313	88	88	88
314	88	88	88
315	88	88	88
316	88	88	88
317	88	88	88
318	88	88	88
319	88	88	88
320	88	88	88
321	88	88	88
322	88	88	88
323	88	88	88
324	88	88	88
325	88	88	88
326	88	88	88
327	88	88	88
328	88	88	88
329	88	88	88
330	88	88	88
331	88	88	88
332	88	88	88
333	88	88	88
334	88	88	88
335	88	88	88
336	88	88	88
337	88	88	88
338</			

CLNBIA No. 5



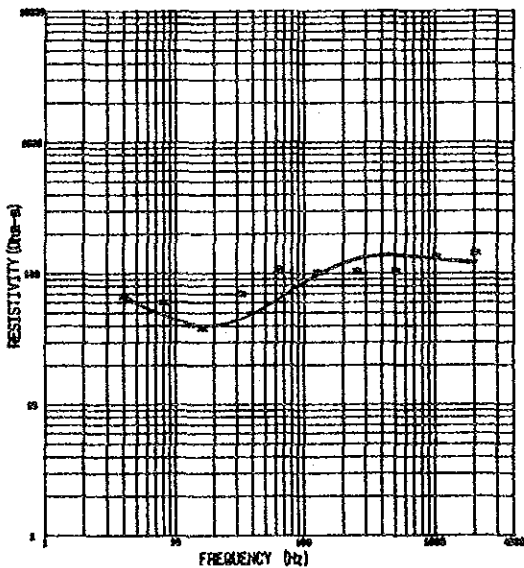
Raw Data (Hz)	Calculated (Hz)	Model
10	10	Resistivity Thickness 60 (Ohm-m) 150 (m) 10 (Ohm-m) 500 (m) 20 (Ohm-m) Infinite
20	20	
30	30	
40	40	

CLNBIA No. 6



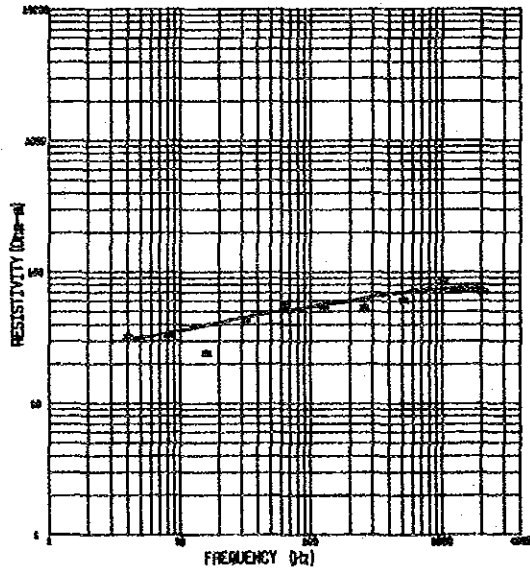
Raw Data (Hz)	Calculated (Hz)	Model
10	10	Resistivity Thickness 120 (Ohm-m) 150 (m) 40 (Ohm-m) 500 (m) 120 (Ohm-m) Infinite
20	20	
30	30	
40	40	

CLNBIA No. 7



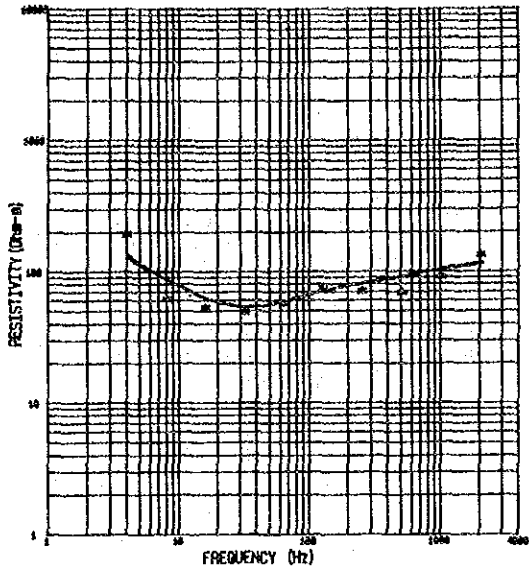
Raw Data (Hz)	Calculated (Hz)	Model
10	10	Resistivity Thickness 120 (Ohm-m) 300 (m) 15 (Ohm-m) 230 (m) 400 (Ohm-m) Infinite
20	20	
30	30	
40	40	

CLNBIA No. 8



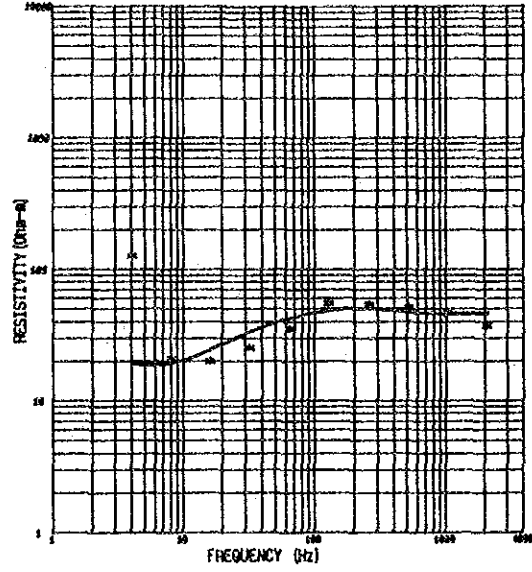
Raw Data (Hz)	Calculated (Hz)	Model
10	10	Resistivity Thickness 71 (Ohm-m) 140 (m) 34 (Ohm-m) 336 (m) 21 (Ohm-m) Infinite
20	20	
30	30	
40	40	

CLNBIA No. 13



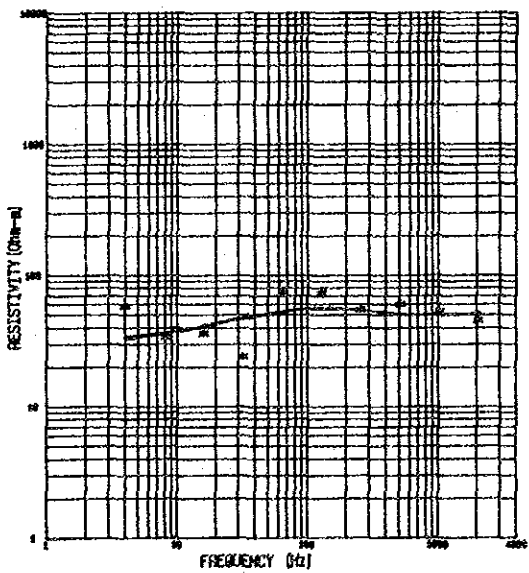
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model Resistivity Thickness
180	100	125	100	110 (Ohm-m) 100 (m)
200	80	150	80	52 (Ohm-m) 600 (m)
300	48	200	70	800 (Ohm-m) Infinite
400	57	250	60	
500	74	300	50	
600	71	350	40	
800	68	400	30	
900	90	450	25	
133		101		
		112		

CLNBIA No. 14



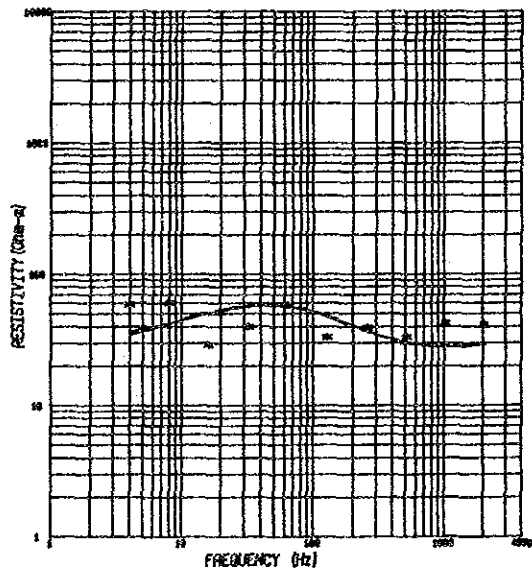
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model Resistivity Thickness
12	4	18	4	45 (Ohm-m) 280 (m)
15	1	25	1	12 (Ohm-m) 490 (m)
20	1	30	1	175 (Ohm-m) Infinite
30	1	40	1	
40	1	50	1	
50	1	60	1	
60	1	70	1	
80	1	80	1	
100	1	90	1	
133		101		
		112		

CLNBIA No. 15



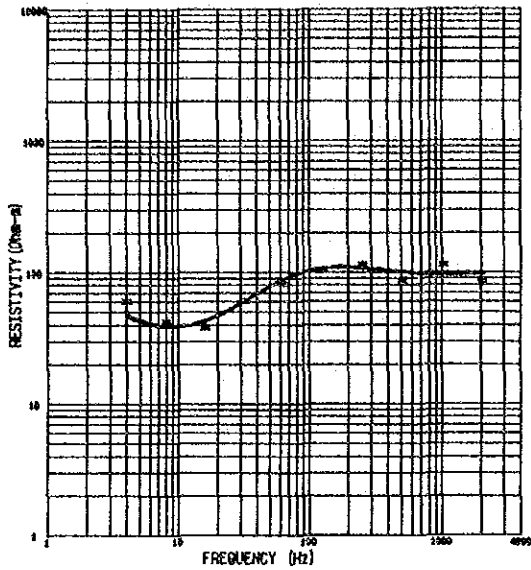
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model Resistivity Thickness
58	32	32	32	50 (Ohm-m) 200 (m)
34	35	40	35	100 (Ohm-m) 100 (m)
38	40	46	40	25 (Ohm-m) Infinite
74	46	50	46	
75	48	55	48	
80	48	60	48	
90	48	65	48	
133		101		
		112		

CLNBIA No. 16



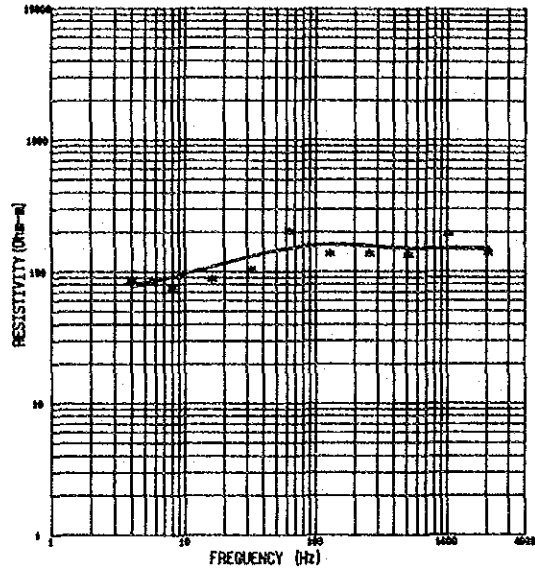
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model Resistivity Thickness
58	35	35	35	30 (Ohm-m) 100 (m)
34	41	41	41	100 (Ohm-m) 400 (m)
38	46	46	46	20 (Ohm-m) Infinite
74	48	50	48	
75	48	55	48	
80	48	60	48	
90	48	65	48	
133		101		
		112		

CLNBIA No. 17



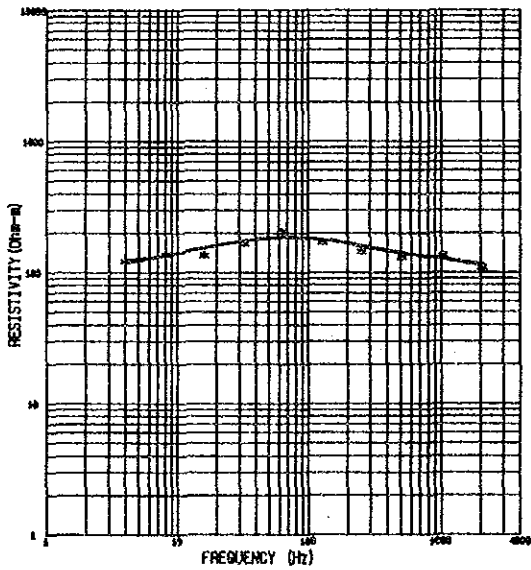
Raw Data (Hz)	Calculated (Hz)	Model
100	45	Resistivity Thickness
100	45	94 (Ohm-m) 427 (m)
100	45	15 (Ohm-m) 327 (m)
100	45	500 (Ohm-m) Infinite

CLNBIA No. 18



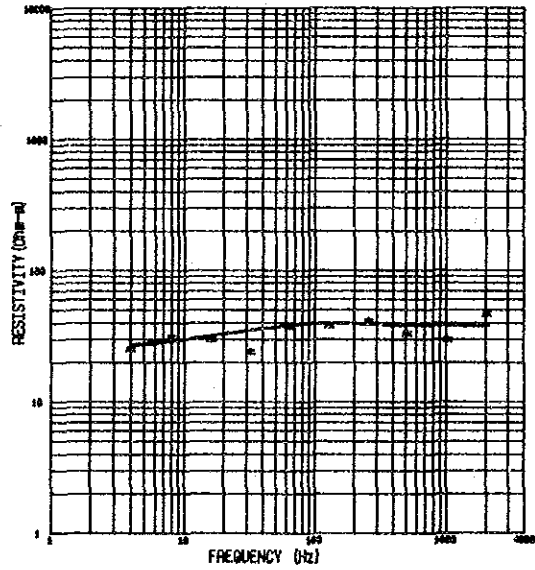
Raw Data (Hz)	Calculated (Hz)	Model
100	76	Resistivity Thickness
100	76	145 (Ohm-m) 820 (m)
100	76	50 (Ohm-m) Infinite

CLNBIA No. 19



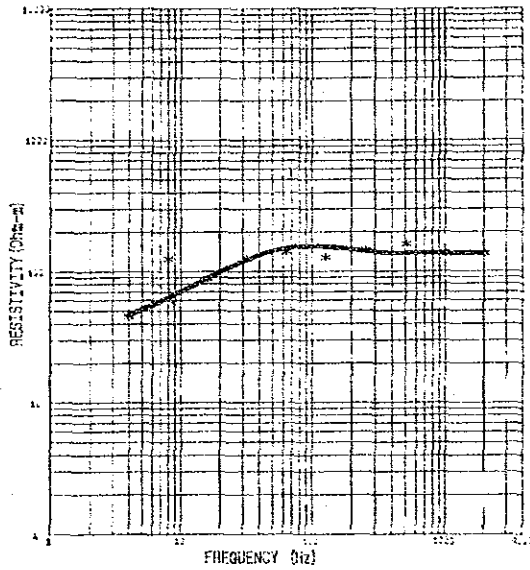
Raw Data (Hz)	Calculated (Hz)	Model
100	109	Resistivity Thickness
100	109	202 (Ohm-m) 700 (m)
100	109	82 (Ohm-m) Infinite

CLNBIA No. 20



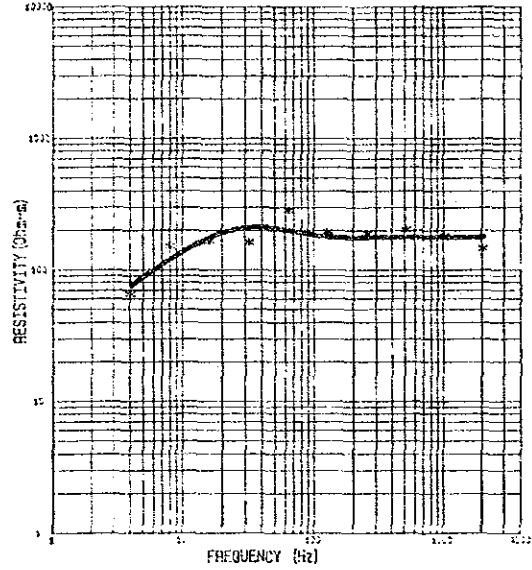
Raw Data (Hz)	Calculated (Hz)	Model
100	37	Resistivity Thickness
100	37	37 (Ohm-m) 304 (m)
100	37	21 (Ohm-m) Infinite

GLNBIA No. 21



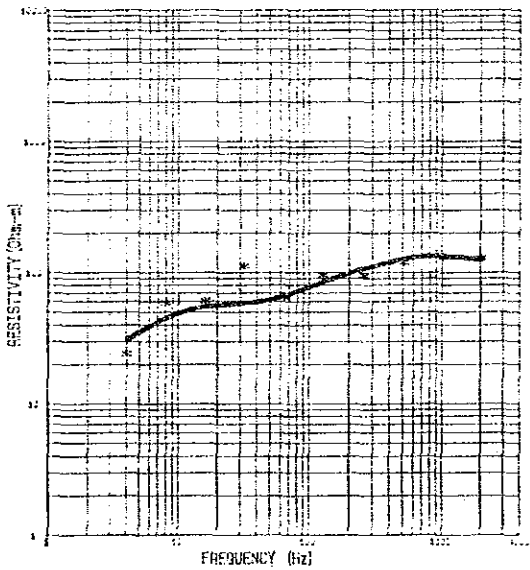
Raw Data (Hz)	Calculated (Hz)	Model
4	4	
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	
4	4	
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	
		Model
		Resistivity thickness
		135 (Ohm-m) 700 (m)
		16 (Ohm-m) Infinite

GLNBIA No. 22



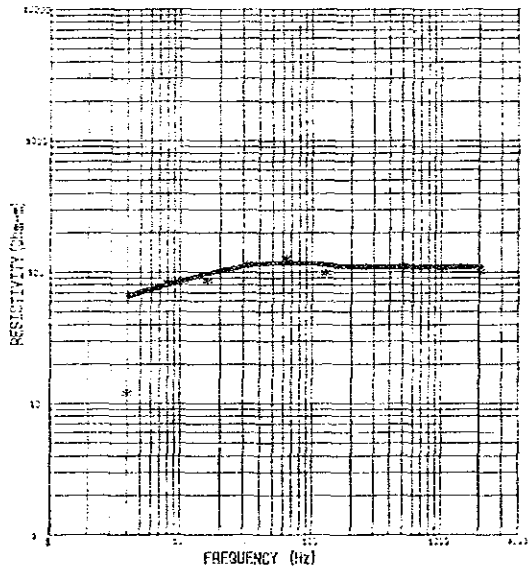
Raw Data (Hz)	Calculated (Hz)	Model
4	4	
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	
4	4	
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	
		Model
		Resistivity thickness
		174 (Ohm-m) 1300 (m)
		7 (Ohm-m) Infinite

GLNBIA No. 23



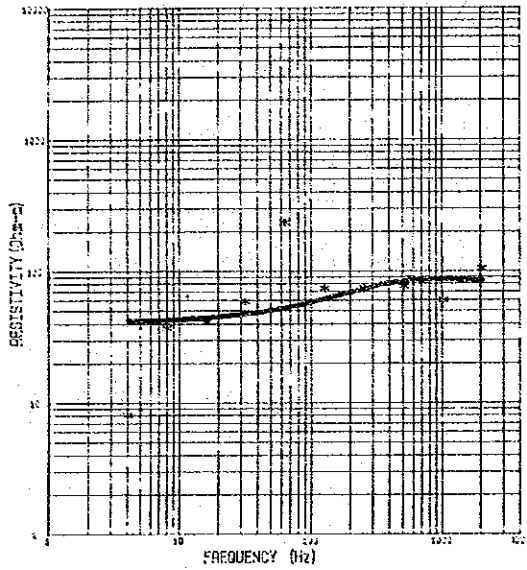
Raw Data (Hz)	Calculated (Hz)	Model
4	4	
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	
4	4	
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	
		Model
		Resistivity thickness
		119 (Ohm-m) 215 (m)
		20 (Ohm-m) 780 (m)
		1 (Ohm-m) Infinite

GLNBIA No. 24



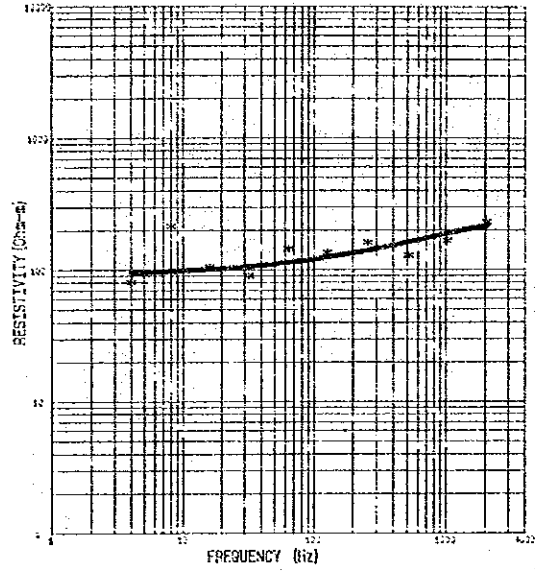
Raw Data (Hz)	Calculated (Hz)	Model
4	4	
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	
4	4	
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	
		Model
		Resistivity thickness
		107 (Ohm-m) 780 (m)
		35 (Ohm-m) Infinite

CLNBIA No. 25



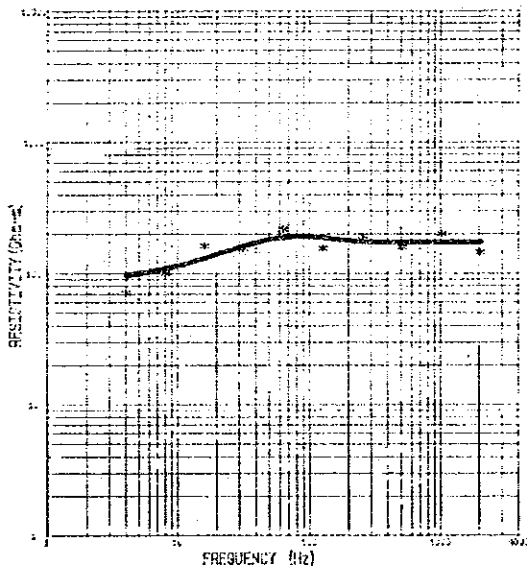
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness: 60 (Ohm-m) 175 (m) 30 (Ohm-m) 209 (m) 40 (Ohm-m) Infinite
8	41	
16	42	
32	46	
64	52	
128	61	
256	72	
512	85	
1024	99	
2048	110	

CLNBIA No. 26



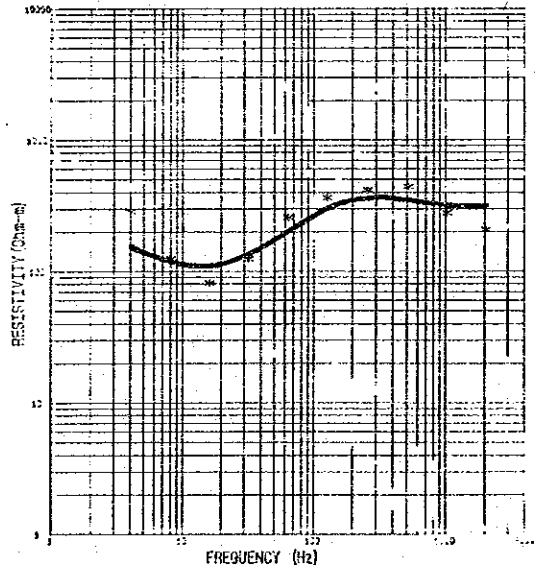
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness: 211 (Ohm-m) 126 (m) 88 (Ohm-m) Infinite
8	80	
16	213	
32	105	
64	90	
128	90	
256	144	
512	135	
1024	164	
2048	129	

CLNBIA No. 27



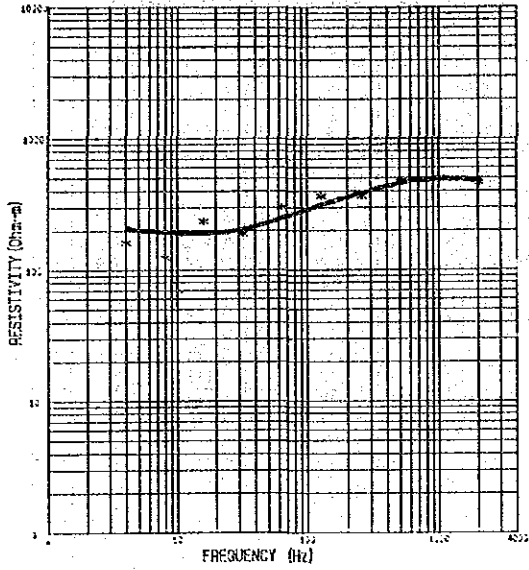
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness: 170 (Ohm-m) 920 (m) 20 (Ohm-m) 120 (m) 60 (Ohm-m) Infinite
8	74	
16	103	
32	128	
64	159	
128	184	
256	183	
512	170	
1024	169	
2048	169	

CLNBIA No. 28



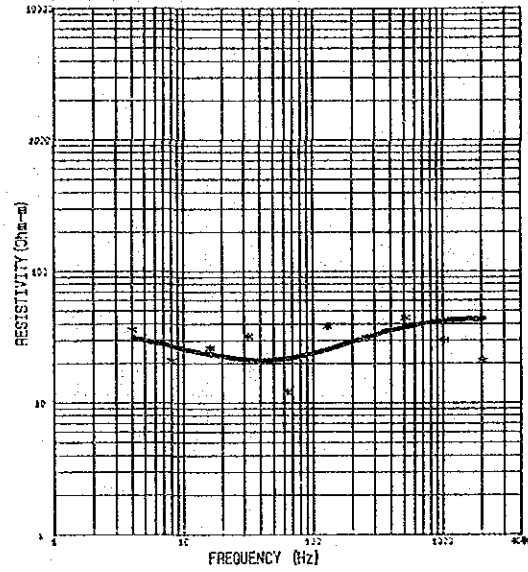
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness: 310 (Ohm-m) 600 (m) 30 (Ohm-m) 300 (m) 890 (Ohm-m) Infinite
8	286	
16	125	
32	81	
64	125	
128	258	
256	362	
512	419	
1024	440	
2048	280	

CLNBIA No. 29



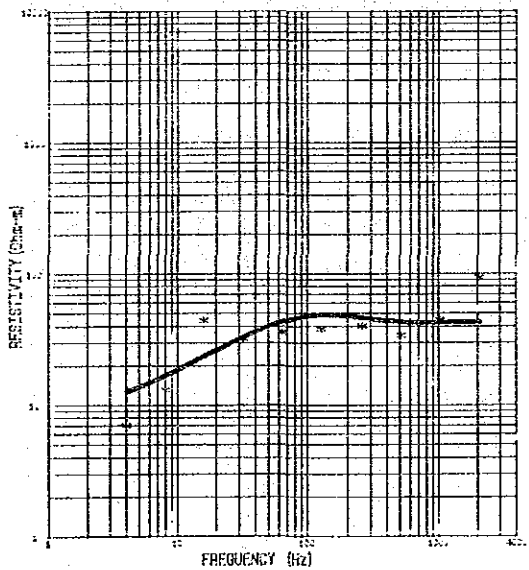
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness
8	8	
16	16	445 (Ohm-m) 380 (m)
32	32	
64	64	130 (Ohm-m) 900 (m)
128	128	
256	256	309 (Ohm-m) Infinite
512	512	
1024	1024	
2048	2048	

CLNBIA No. 30



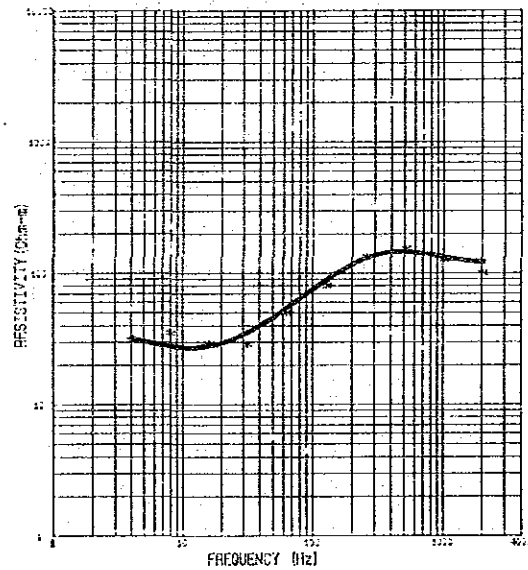
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness
8	8	
16	16	40 (Ohm-m) 99 (m)
32	32	
64	64	15 (Ohm-m) 200 (m)
128	128	
256	256	50 (Ohm-m) Infinite
512	512	
1024	1024	
2048	2048	

CLNBIA No. 31



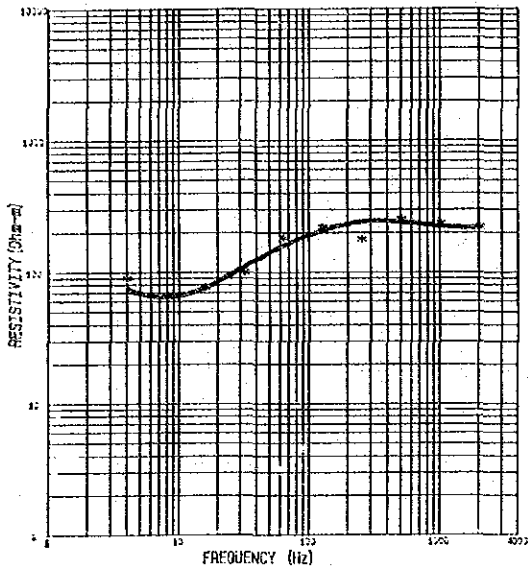
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness
8	8	
16	16	42 (Ohm-m) 325 (m)
32	32	
64	64	5 (Ohm-m) Infinite
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 32



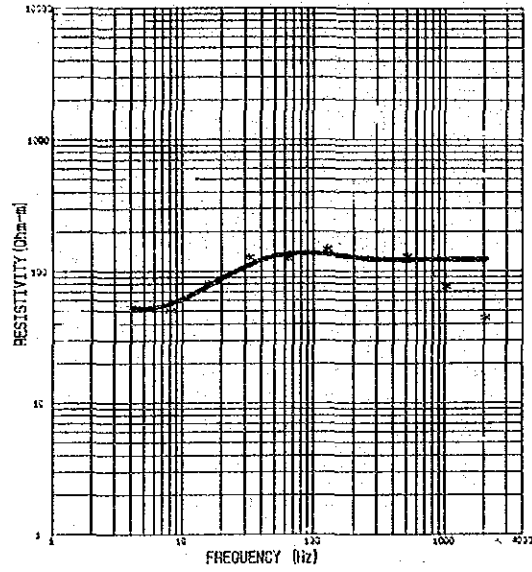
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness
8	8	
16	16	120 (Ohm-m) 300 (m)
32	32	
64	64	5 (Ohm-m) 100 (m)
128	128	
256	256	80 (Ohm-m) Infinite
512	512	
1024	1024	
2048	2048	

CLNBIA No. 33



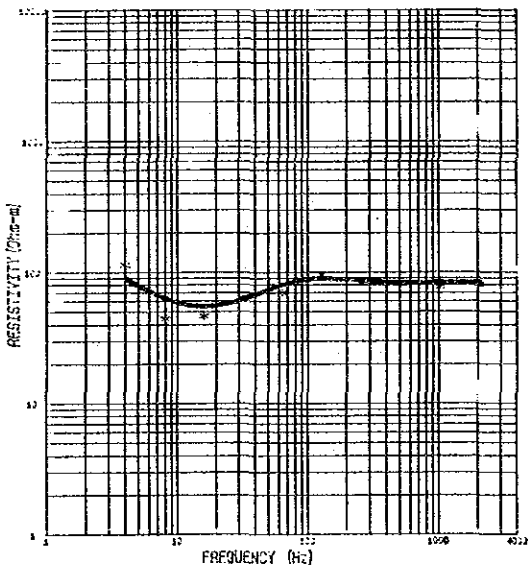
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness
16	16	215 (Ohm-m) 470 (m)
32	32	36 (Ohm-m) 720 (m)
64	64	905 (Ohm-m) Infinite
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 34



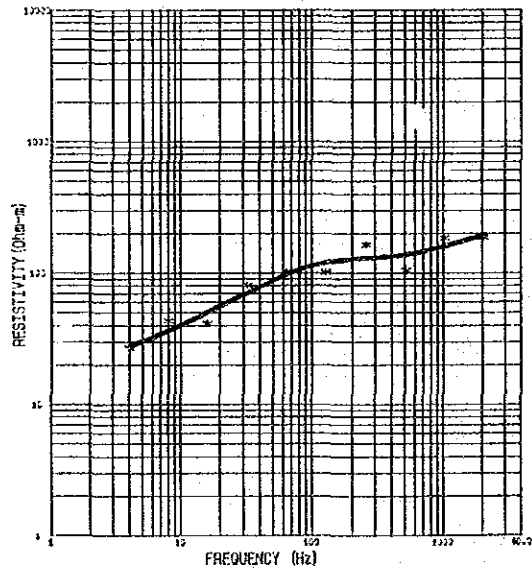
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness
16	16	120 (Ohm-m) 700 (m)
32	32	20 (Ohm-m) 500 (m)
64	64	400 (Ohm-m) Infinite
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 35



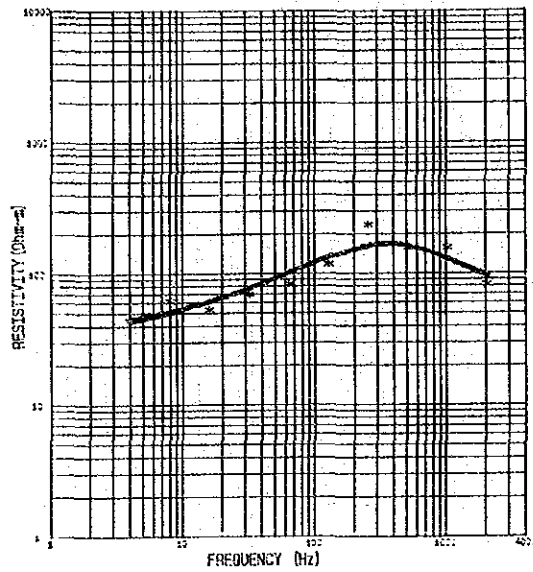
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness
16	16	82 (Ohm-m) 480 (m)
32	32	30 (Ohm-m) 340 (m)
64	64	900 (Ohm-m) Infinite
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 36



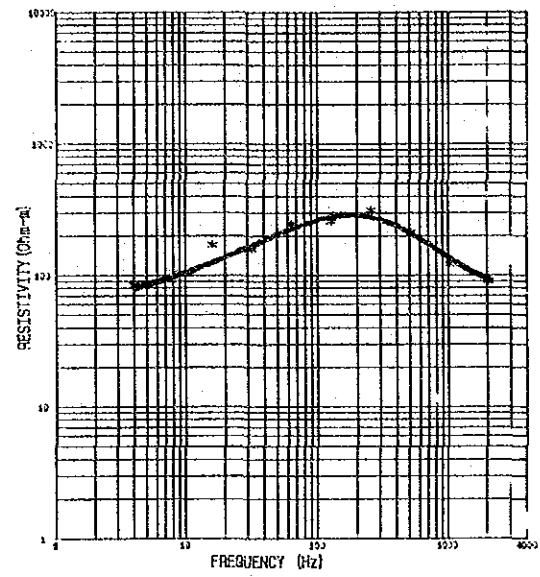
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness
16	16	247 (Ohm-m) 81 (m)
32	32	82 (Ohm-m) 378 (m)
64	64	12 (Ohm-m) Infinite
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 37



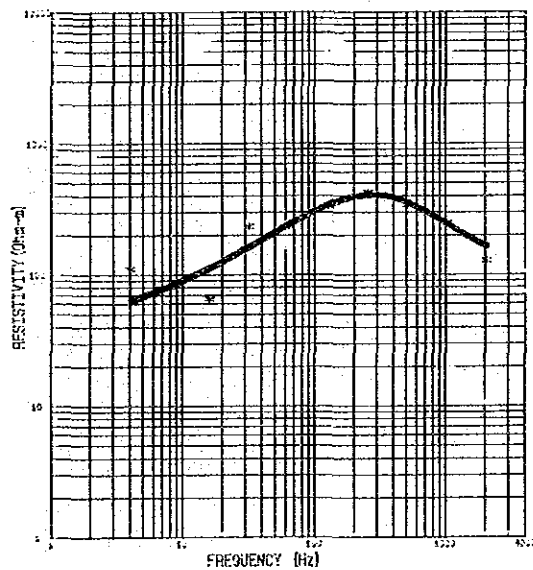
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness 95 (Ohm-m) 105 (m) 975 (Ohm-m) 200 (m) 30 (Ohm-m) Infinite
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 38



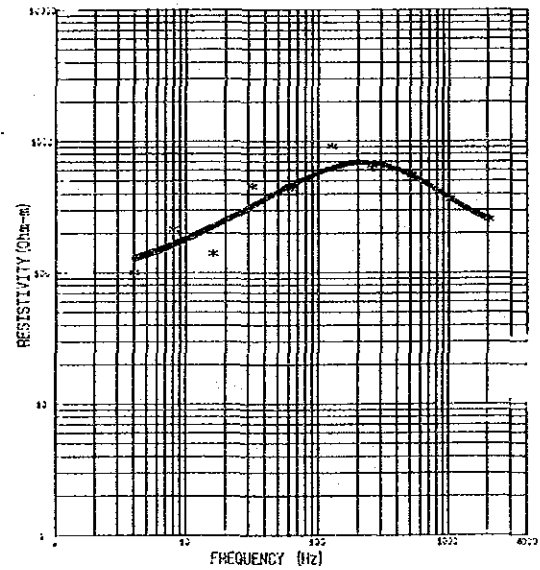
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness 100 (Ohm-m) 107 (m) 2500 (Ohm-m) 450 (m) 45 (Ohm-m) Infinite
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 39



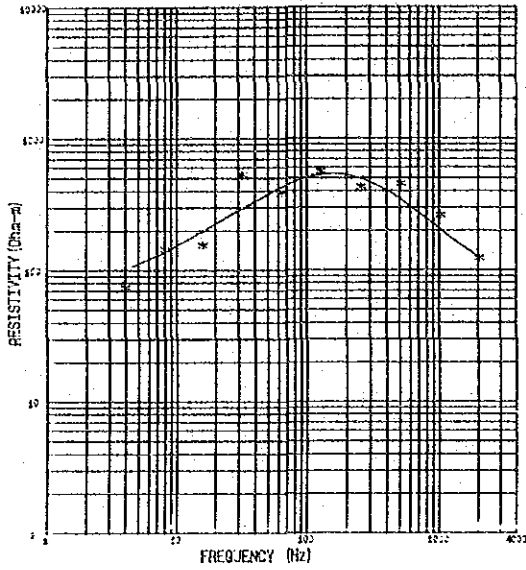
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness 180 (Ohm-m) 120 (m) 2000 (Ohm-m) 460 (m) 30 (Ohm-m) Infinite
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 40



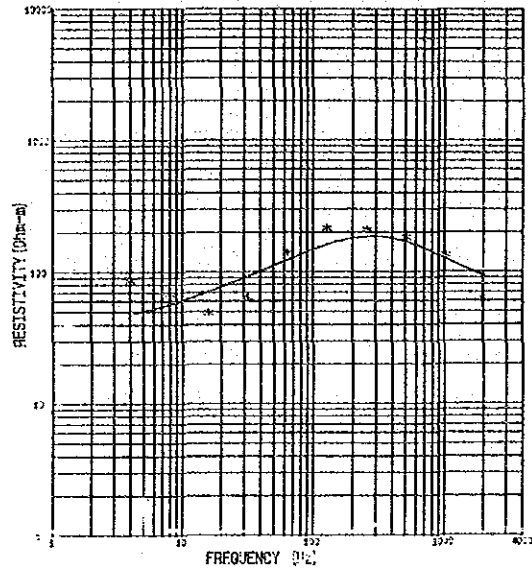
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness 250 (Ohm-m) 140 (m) 2000 (Ohm-m) 700 (m) 60 (Ohm-m) Infinite
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 41



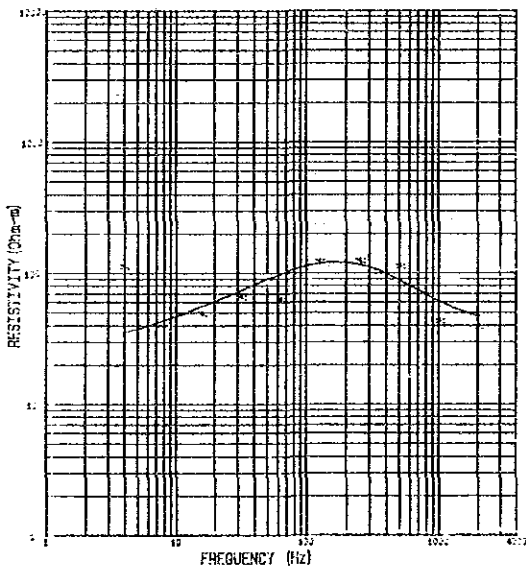
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness 100 (Ohm-m) 70 (m) 2000 (Ohm-m) 800 (m) 40 (Ohm-m) Infinite
74	101	
145	138	
164	198	
300	293	
64	424	
128	530	
256	494	
512	340	
1024	202	
2048	124	

CLNBIA No. 42



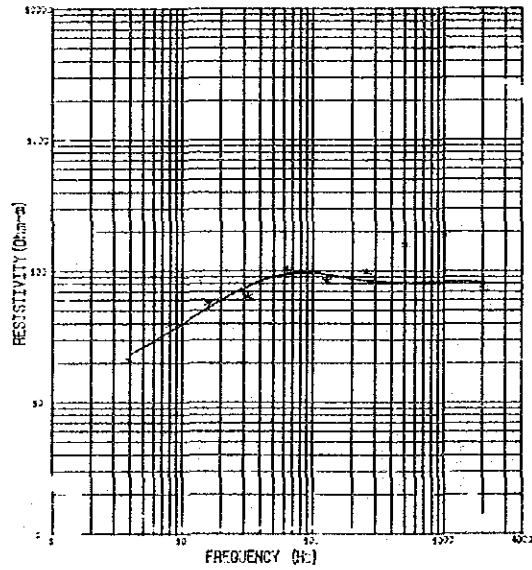
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness 90 (Ohm-m) 80 (m) 400 (Ohm-m) 300 (m) 30 (Ohm-m) Infinite
86	47	
68	56	
46	70	
32	92	
64	123	
128	160	
256	184	
512	167	
1024	125	
2048	82	

CLNBIA No. 43



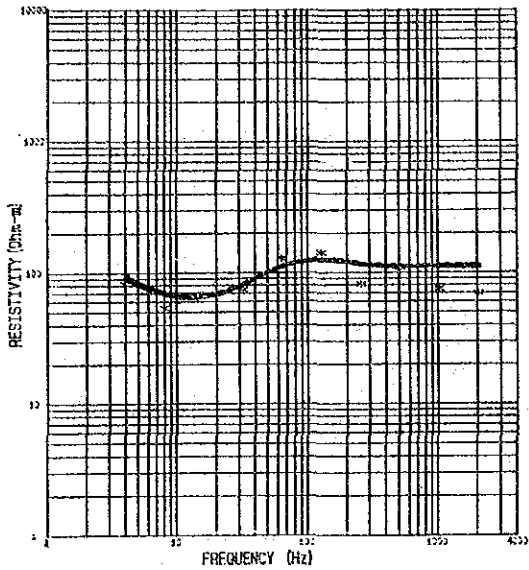
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness 50 (Ohm-m) 70 (m) 300 (Ohm-m) 320 (m) 20 (Ohm-m) Infinite
112	35	
39	43	
49	55	
65	74	
64	98	
128	118	
256	114	
512	87	
1024	60	
2048	16	

CLNBIA No. 44



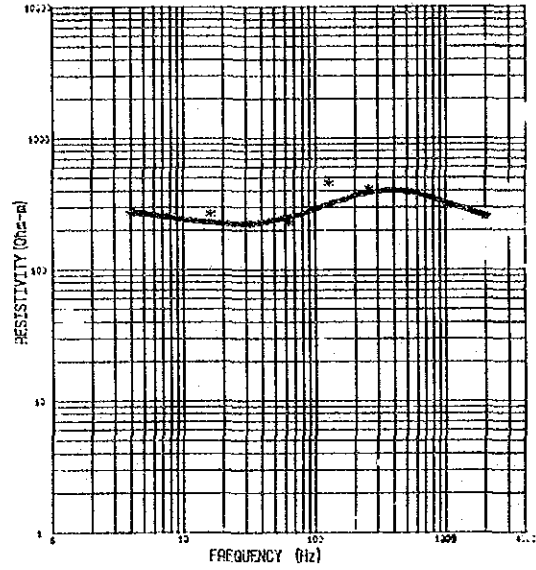
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness 82 (Ohm-m) 520 (m) 5 (Ohm-m) Infinite
21	23	
37	34	
46	52	
64	78	
64	94	
128	93	
256	84	
512	81	
1024	82	
2048	81	

CLNBIA No. 45



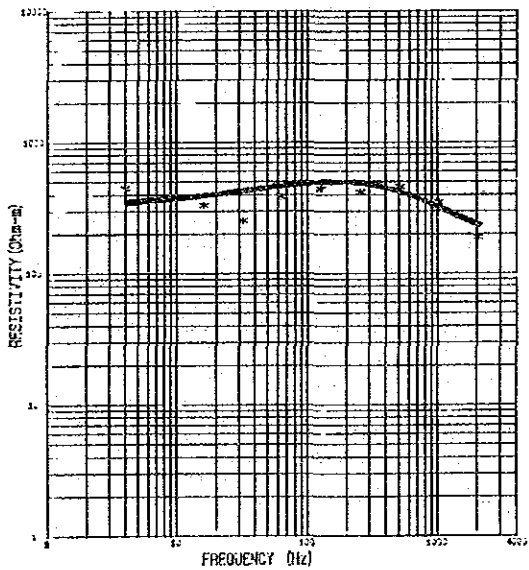
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	85	4	89	Resistivity Thickness 110 (Ohm-m) 650 (m) 10 (Ohm-m) 110 (m) 800 (Ohm-m) Infinite
8	54	8	67	
16	67	16	65	
32	74	32	81	
64	127	64	110	
128	142	128	123	
256	211	256	143	
512	110	512	109	
1024	75	1024	110	
2048	69	2048	109	

CLNBIA No. 46



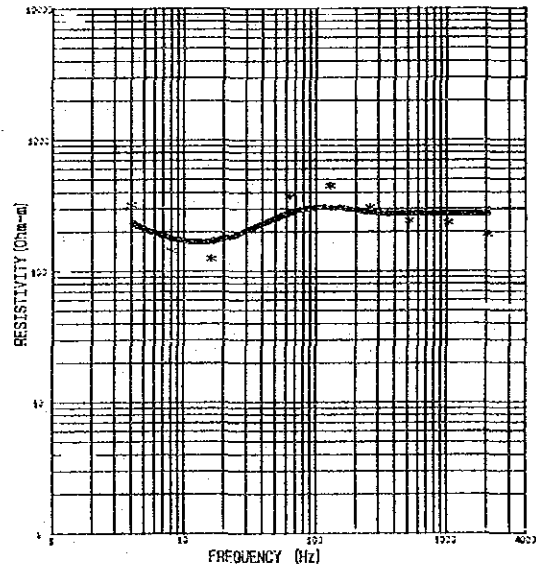
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	267	4	270	Resistivity Thickness 250 (Ohm-m) 150 (m) 800 (Ohm-m) 340 (m) 100 (Ohm-m) 400 (m) 400 (Ohm-m) Infinite
8	258	8	243	
16	265	16	223	
32	222	32	220	
64	227	64	248	
128	456	128	313	
256	410	256	382	
512	393	512	381	
1024	301	1024	313	
2048	250	2048	249	

CLNBIA No. 47



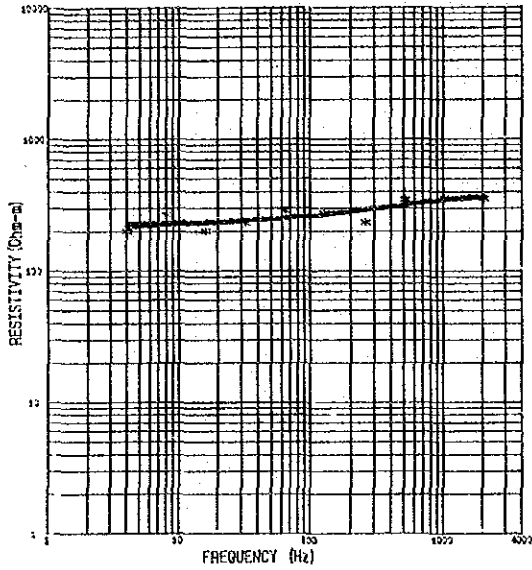
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	446	4	343	Resistivity Thickness 200 (Ohm-m) 100 (m) 1000 (Ohm-m) 500 (m) 300 (Ohm-m) Infinite
8	366	8	361	
16	323	16	387	
32	252	32	420	
64	382	64	458	
128	444	128	487	
256	419	256	477	
512	459	512	408	
1024	348	1024	309	
2048	188	2048	228	

CLNBIA No. 48



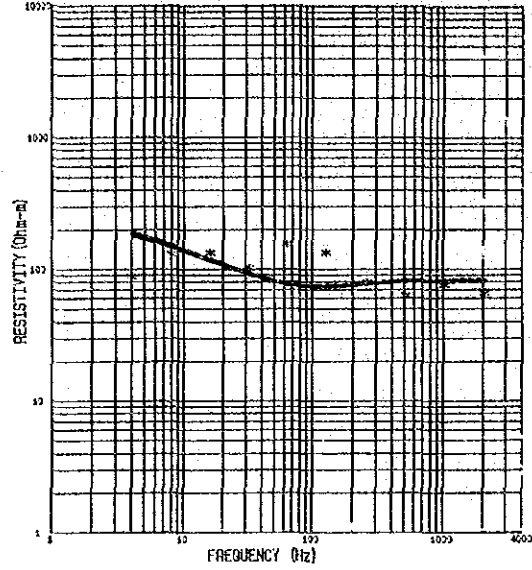
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	321	4	227	Resistivity Thickness 270 (Ohm-m) 1050 (m) 30 (Ohm-m) 200 (m) 1800 (Ohm-m) Infinite
8	143	8	174	
16	124	16	167	
32	206	32	207	
64	370	64	275	
128	448	128	300	
256	305	256	276	
512	242	512	268	
1024	235	1024	270	
2048	191	2048	269	

CLNBIA No. 49



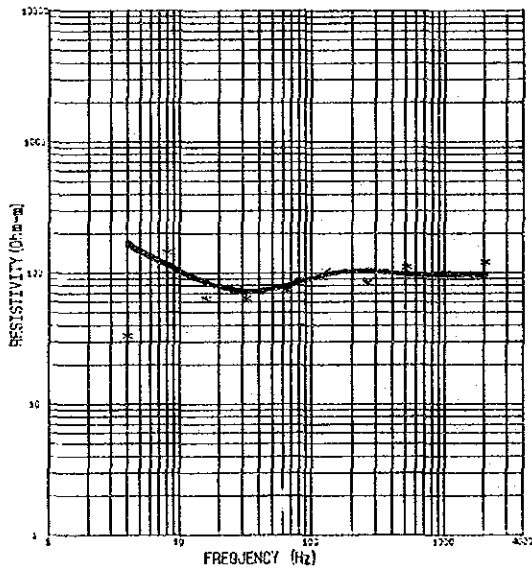
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	199	4	219	Resistivity Thickness
8	267	8	223	
16	199	16	228	353 (Ohm-m) 195 (m)
32	230	32	236	210 (Ohm-m) Infinite
64	285	64	248	
128	272	128	264	
256	232	256	285	
512	345	512	312	
1024	354	1024	341	
2048	353	2048	361	

CLNBIA No. 50



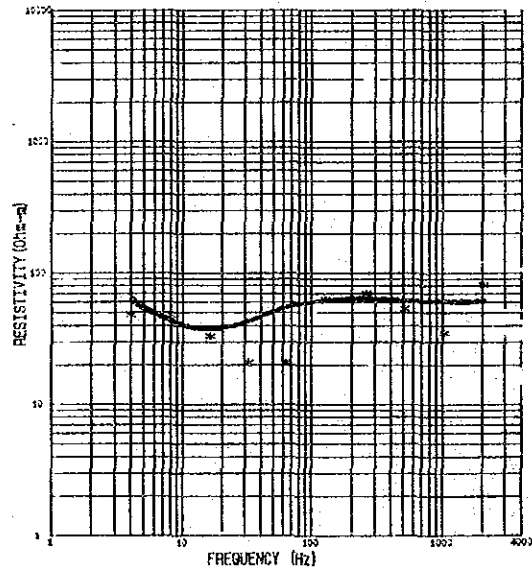
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	88	4	184	Resistivity Thickness
8	130	8	146	
16	133	16	114	30 (Ohm-m) 500 (m)
32	102	32	90	350 (Ohm-m) Infinite
64	154	64	76	
128	133	128	72	
256	79	256	77	
512	69	512	80	
1024	76	1024	80	
2048	65	2048	79	

CLNBIA No. 51



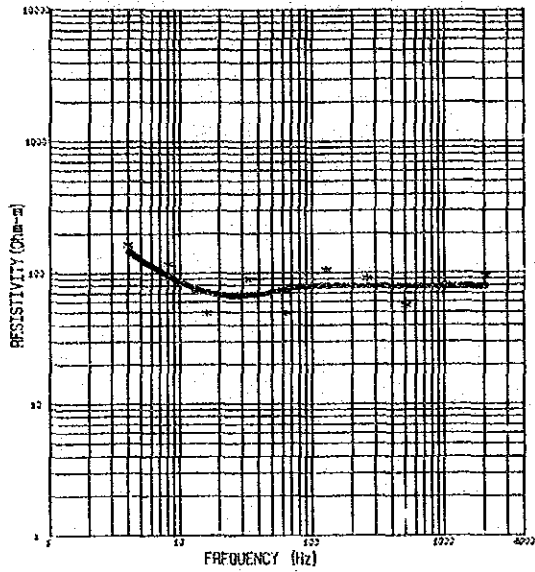
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	33	4	161	Resistivity Thickness
8	143	8	112	
16	63	16	82	96 (Ohm-m) 500 (m)
32	84	32	71	20 (Ohm-m) 100 (m)
64	74	64	70	
128	103	128	96	800 (Ohm-m) Infinite
256	84	256	101	
512	111	512	96	
1024	100	1024	95	
2048	120	2048	96	

CLNBIA No. 52



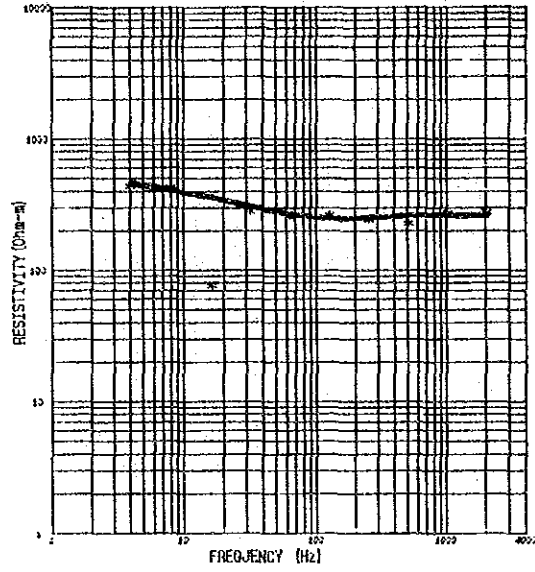
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	48	4	60	Resistivity Thickness
8	48	8	42	
16	33	16	37	60 (Ohm-m) 300 (m)
32	21	32	43	30 (Ohm-m) 500 (m)
64	21	64	54	
128	63	128	61	1100 (Ohm-m) Infinite
256	70	256	62	
512	54	512	61	
1024	35	1024	59	
2048	61	2048	58	

CLNBIA No. 53



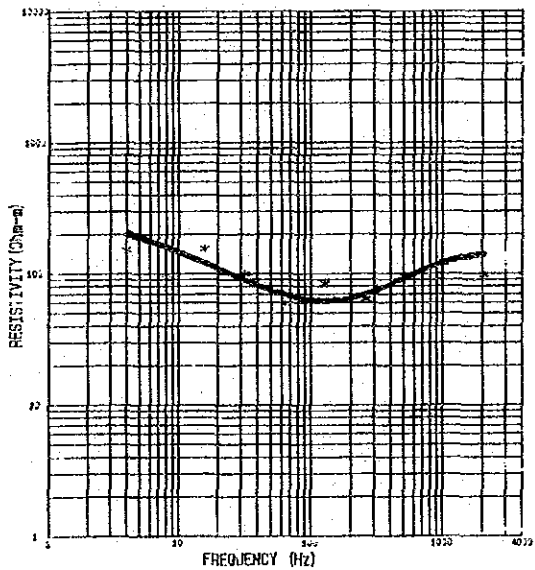
Raw Data (Hz)	Calculated (Hz)	Model
4	4	
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	
4	142	
8	93	
16	69	
32	66	
64	73	
128	78	
256	78	
512	77	
1024	77	
2048	77	
Resistivity Thickness		
78 (Ohm-m) 1030 (m)		
1800 (Ohm-m) Infinite		

CLNBIA No. 54



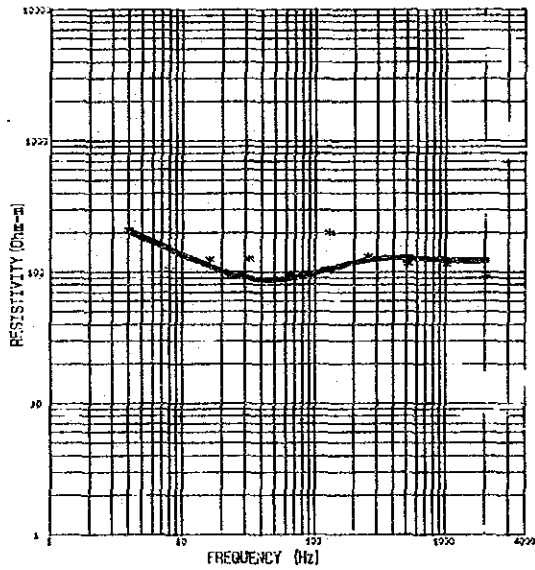
Raw Data (Hz)	Calculated (Hz)	Model
4	4	
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	
4	437	
8	426	
16	76	
32	283	
64	256	
128	262	
256	242	
512	226	
1024	273	
2048	275	
4	450	
8	401	
16	348	
32	299	
64	262	
128	244	
256	246	
512	258	
1024	258	
2048	257	
Resistivity Thickness		
258 (Ohm-m) 750 (m)		
620 (Ohm-m) Infinite		

CLNBIA No. 55



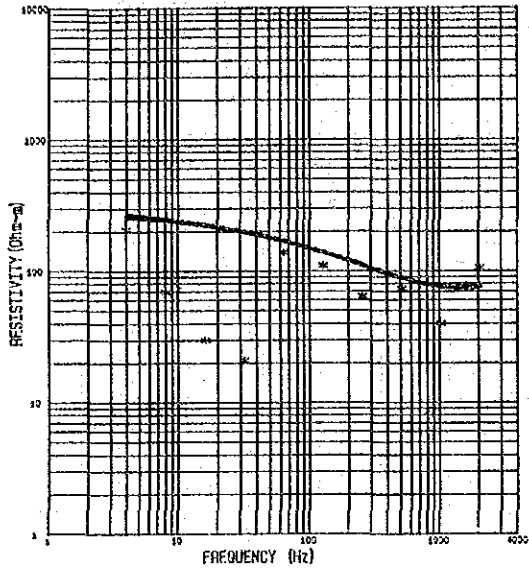
Raw Data (Hz)	Calculated (Hz)	Model
4	4	
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	
4	198	
8	156	
16	117	
32	87	
64	67	
128	61	
256	60	
512	93	
1024	121	
2048	137	
Resistivity Thickness		
130 (Ohm-m) 120 (m)		
37 (Ohm-m) 170 (m)		
400 (Ohm-m) Infinite		

CLNBIA No. 56



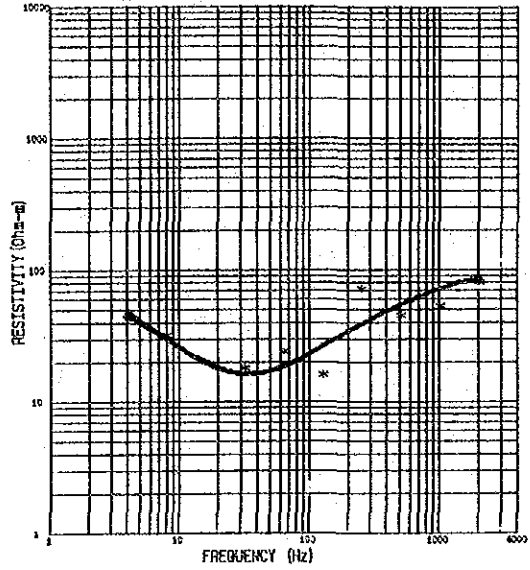
Raw Data (Hz)	Calculated (Hz)	Model
4	4	
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	
4	199	
8	146	
16	108	
32	83	
64	64	
128	104	
256	122	
512	125	
1024	121	
2048	119	
Resistivity Thickness		
120 (Ohm-m) 310 (m)		
62 (Ohm-m) 340 (m)		
650 (Ohm-m) Infinite		

CLNBIA No. 57



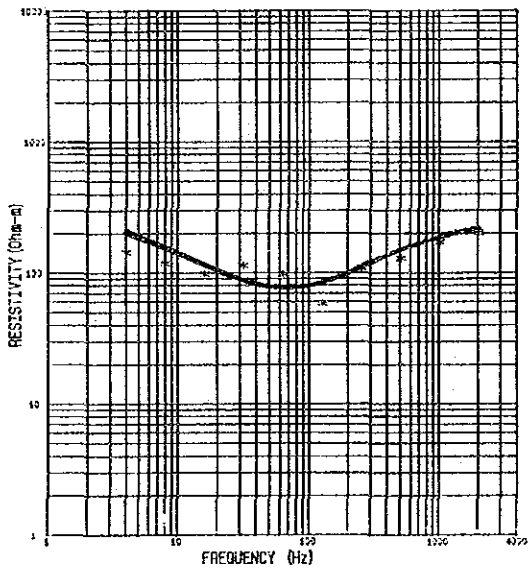
Raw Data (Hz)	Calculated (Hz)	Model
4	207	Resistivity Thickness 100 (Ohm-m) 50 (m) 50 (Ohm-m) 50 (m) 300 (Ohm-m) Infinite
8	8	
16	31	
32	128	
64	512	
128	2048	
256	8192	
512	32768	
1024	131072	
2048	524288	

CLNBIA No. 58



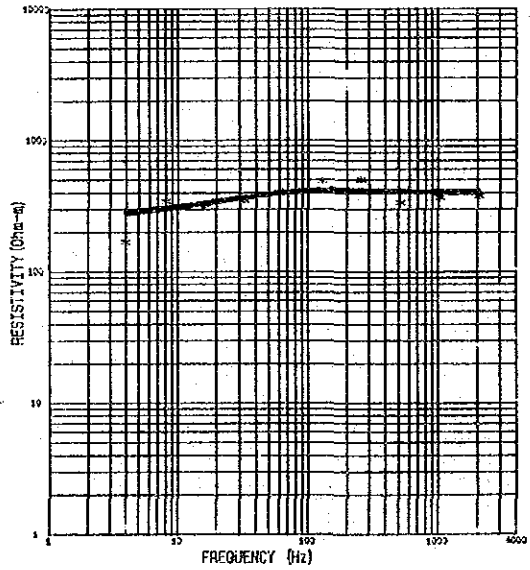
Raw Data (Hz)	Calculated (Hz)	Model
4	43	Resistivity Thickness 75 (Ohm-m) 100 (m) 10 (Ohm-m) 200 (m) 500 (Ohm-m) Infinite
8	32	
16	20	
32	18	
64	24	
128	16	
256	128	
512	512	
1024	2048	
2048	8192	

CLNBIA No. 59



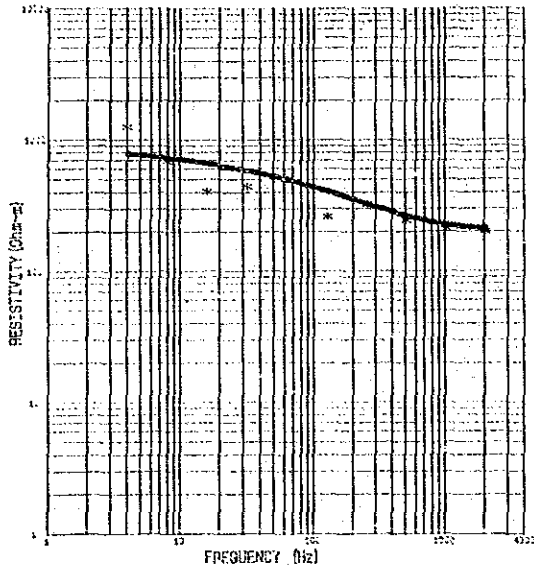
Raw Data (Hz)	Calculated (Hz)	Model
4	143	Resistivity Thickness 200 (Ohm-m) 150 (m) 50 (Ohm-m) 300 (m) 500 (Ohm-m) Infinite
8	8	
16	31	
32	128	
64	512	
128	2048	
256	8192	
512	32768	
1024	131072	
2048	524288	

CLNBIA No. 60



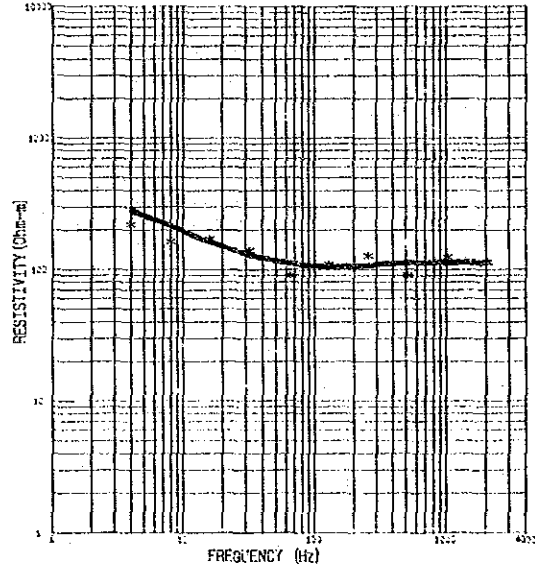
Raw Data (Hz)	Calculated (Hz)	Model
4	167	Resistivity Thickness 400 (Ohm-m) 805 (m) 230 (Ohm-m) Infinite
8	344	
16	304	
32	349	
64	401	
128	488	
256	503	
512	335	
1024	366	
2048	374	

CLNBIA No. 61



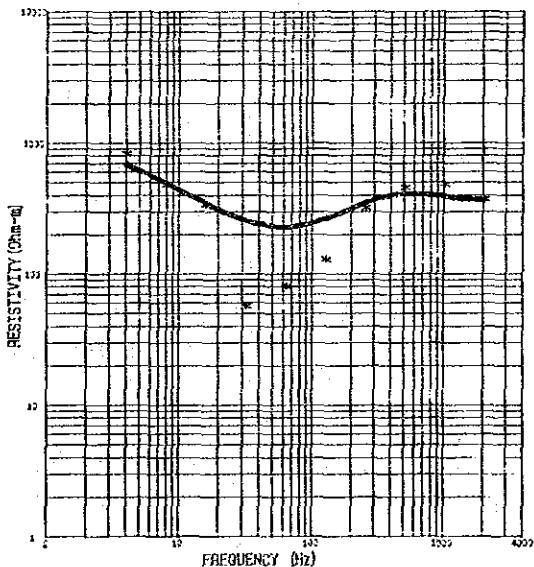
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	1252	4	757	Model
8	694	8	706	
16	401	16	641	Resistivity Thickness
32	444	32	584	
64	504	64	478	220 (Ohm-m) 170 (m)
128	250	128	391	540 (Ohm-m) 200 (m)
256	324	256	313	900 (Ohm-m) Infinite
512	242	512	253	
1024	209	1024	218	
2048	200	2048	206	

CLNBIA No. 62



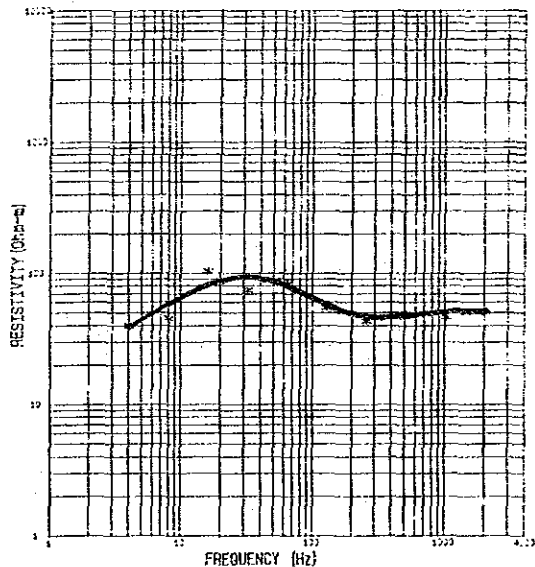
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	220	4	270	Model
8	162	8	205	
16	165	16	156	Resistivity Thickness
32	140	32	124	
64	90	64	108	110 (Ohm-m) 510 (m)
128	110	128	102	350 (Ohm-m) 1100 (m)
256	127	256	104	750 (Ohm-m) Infinite
512	90	512	109	
1024	125	1024	119	
2048	114	2048	109	

CLNBIA No. 63



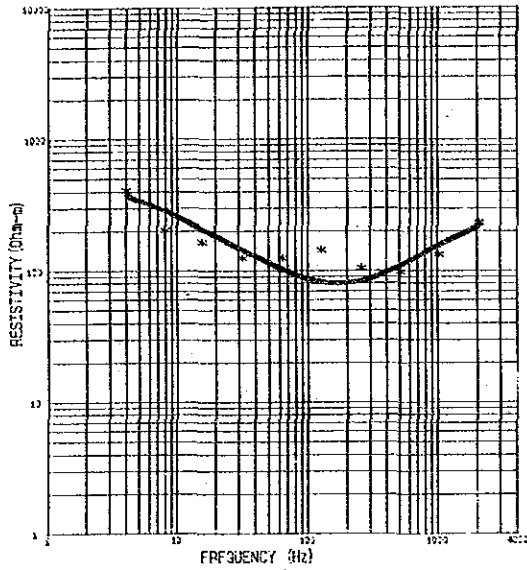
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	834	4	668	Model
8	478	8	478	
16	324	16	334	Resistivity Thickness
32	57	32	248	
64	80	64	221	360 (Ohm-m) 540 (m)
128	128	128	257	50 (Ohm-m) 130 (m)
256	160	256	341	2200 (Ohm-m) Infinite
512	459	512	399	
1024	482	1024	378	
2048	372	2048	358	

CLNBIA No. 64



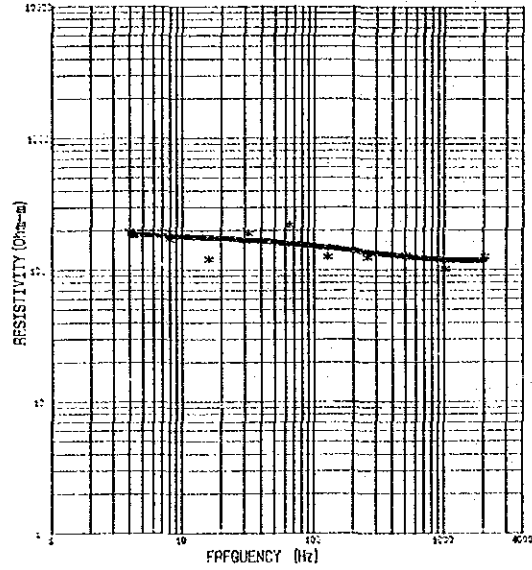
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	40	4	37	Model
8	45	8	56	
16	103	16	79	Resistivity Thickness
32	74	32	90	
64	83	64	77	50 (Ohm-m) 240 (m)
128	55	128	56	265 (Ohm-m) 590 (m)
256	43	256	45	6 (Ohm-m) Infinite
512	48	512	46	
1024	46	1024	49	
2048	50	2048	50	

CLNBIA No. 65



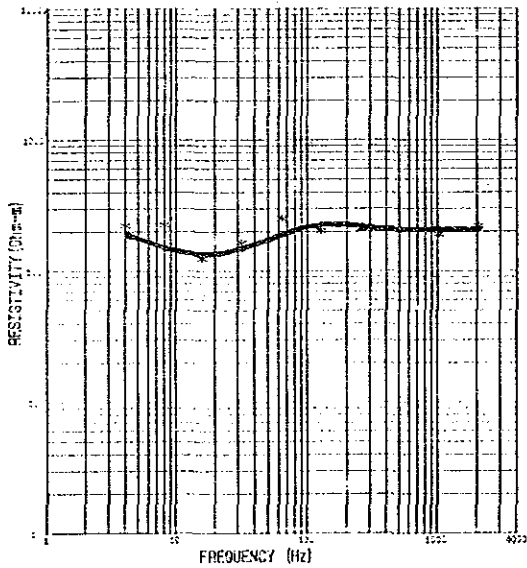
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	407	4	357	Model Resistivity Thickness 325 (Ohm-m) 90 (m) 50 (Ohm-m) 200 (m) 800 (Ohm-m) Infinite
8	203	8	272	
16	164	16	197	
32	125	32	137	
64	125	64	98	
128	143	128	79	
256	105	256	81	
512	98	512	107	
1024	134	1024	153	
2048	231	2048	210	

CLNBIA No. 66



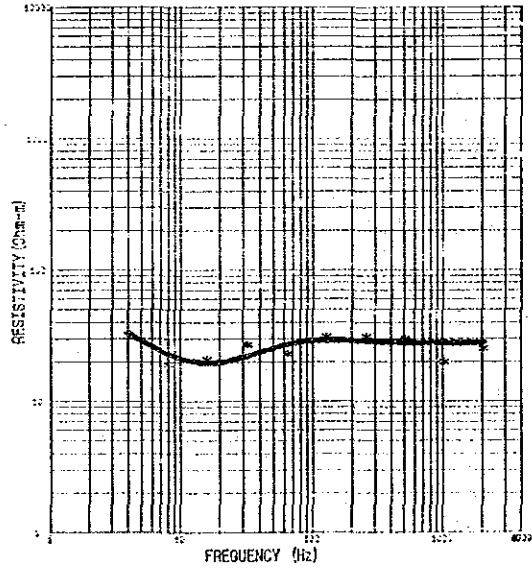
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	197	4	179	Model Resistivity Thickness 118 (Ohm-m) 160 (m) 190 (Ohm-m) Infinite
8	170	8	175	
16	120	16	170	
32	188	32	162	
64	218	64	153	
128	126	128	143	
256	124	256	131	
512	129	512	121	
1024	101	1024	115	
2048	126	2048	114	

CLNBIA No. 67



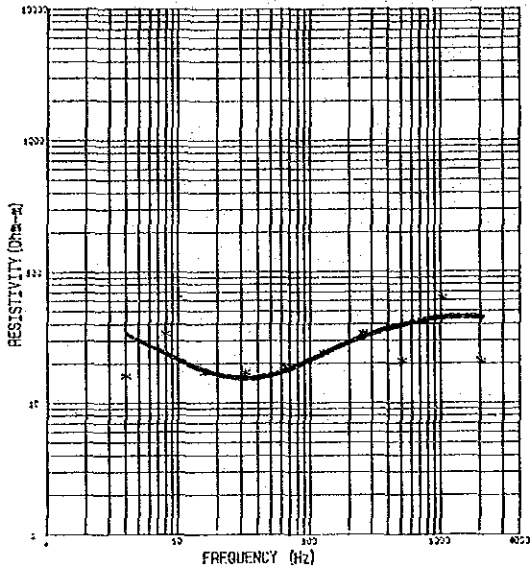
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	222	4	185	Model Resistivity Thickness 200 (Ohm-m) 750 (m) 40 (Ohm-m) 250 (m) 700 (Ohm-m) Infinite
8	222	8	145	
16	125	16	130	
32	165	32	144	
64	350	64	184	
128	203	128	218	
256	210	256	211	
512	206	512	199	
1024	190	1024	199	
2048	220	2048	200	

CLNBIA No. 68



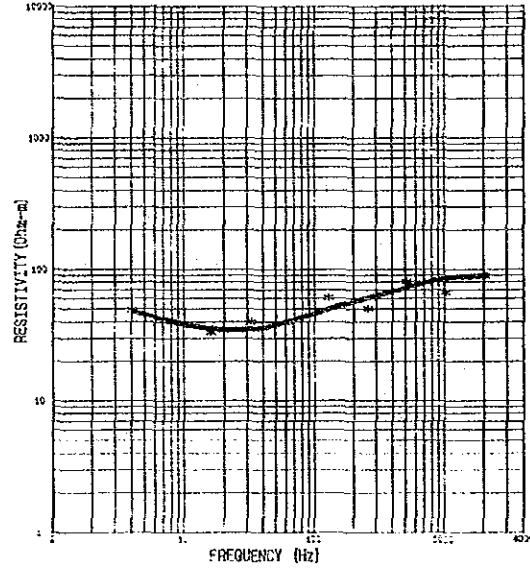
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	32	4	31	Model Resistivity Thickness 27 (Ohm-m) 260 (m) 15 (Ohm-m) 300 (m) 500 (Ohm-m) Infinite
8	19	8	21	
16	21	16	18	
32	27	32	21	
64	23	64	26	
128	31	128	28	
256	31	256	27	
512	30	512	27	
1024	20	1024	26	
2048	25	2048	27	

CLNBIA No. 69



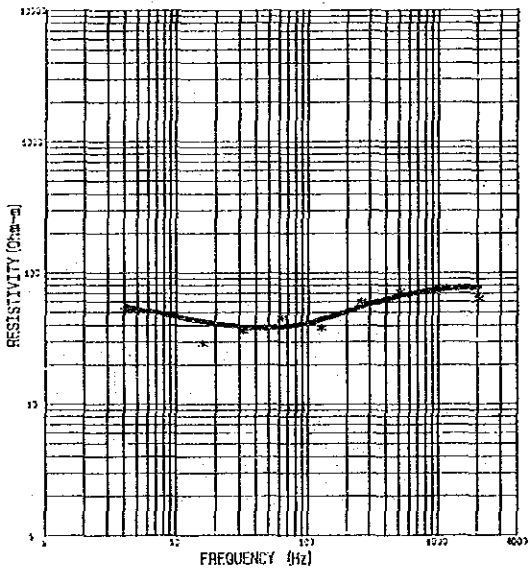
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	16	4	23	Model Resistivity Thickness 40 (Ohm-m) 100 (m) 10 (Ohm-m) 200 (m) 150 (Ohm-m) Infinite
8	14	8	25	
16	17	16	16	
32	17	32	14	
64	19	64	17	
128	24	128	22	
256	24	256	31	
512	24	512	38	
1024	33	1024	43	
2048	21	2048	43	

CLNBIA No. 70



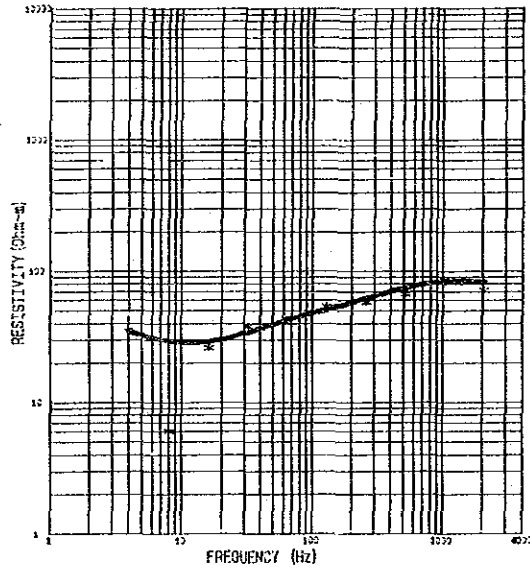
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	49	4	46	Model Resistivity Thickness 80 (Ohm-m) 120 (m) 26 (Ohm-m) 400 (m) 100 (Ohm-m) Infinite
8	40	8	38	
16	33	16	34	
32	40	32	33	
64	40	64	39	
128	61	128	48	
256	50	256	59	
512	80	512	71	
1024	67	1024	82	
2048	89	2048	86	

CLNBIA No. 71



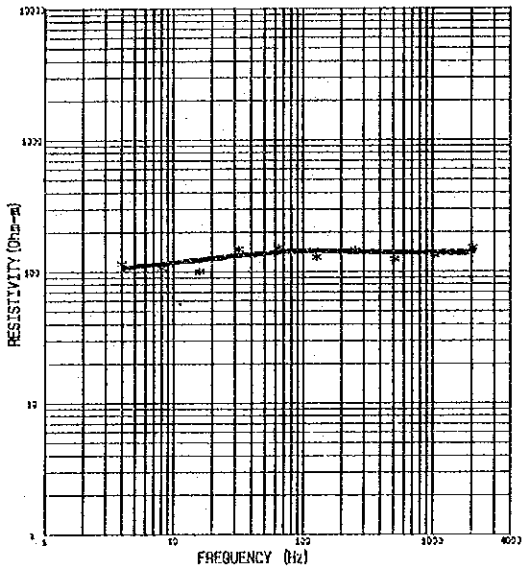
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	52	4	53	Model Resistivity Thickness 70 (Ohm-m) 120 (m) 25 (Ohm-m) 220 (m) 80 (Ohm-m) Infinite
8	48	8	48	
16	39	16	41	
32	36	32	37	
64	48	64	37	
128	48	128	42	
256	50	256	53	
512	70	512	65	
1024	75	1024	72	
2048	64	2048	74	

CLNBIA No. 72



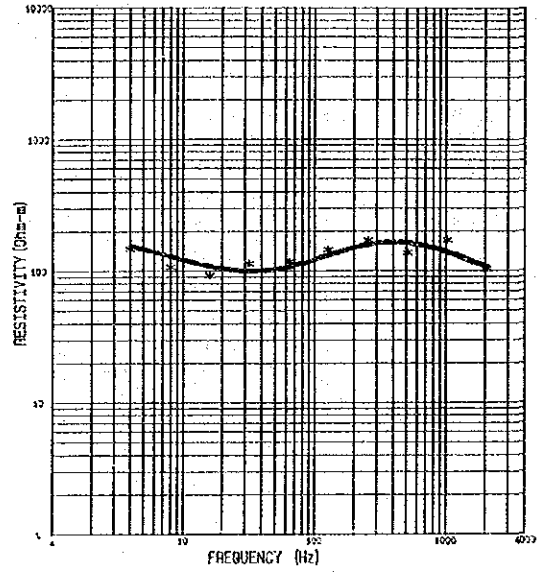
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	35	4	33	Model Resistivity Thickness 75 (Ohm-m) 140 (m) 23 (Ohm-m) 600 (m) 130 (Ohm-m) Infinite
8	6	8	28	
16	26	16	28	
32	38	32	33	
64	43	64	41	
128	54	128	49	
256	58	256	60	
512	67	512	72	
1024	85	1024	80	
2048	72	2048	79	

CLNBIA No. 73



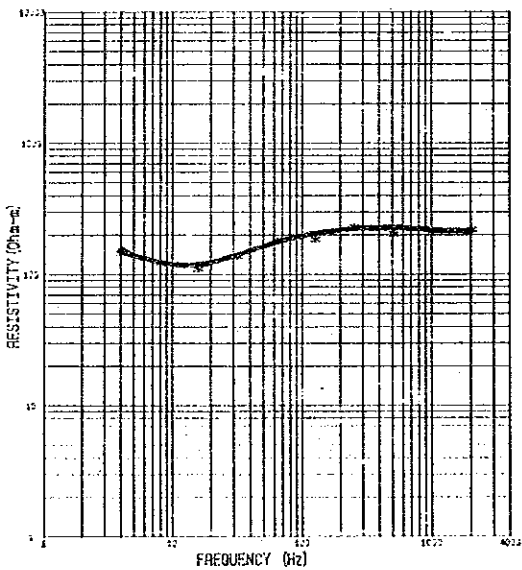
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	115	4	104	Resistivity Thickness 135 (Ohm-m) 624 (m) 87 (Ohm-m) Infinite
8	107	8	110	
16	100	16	119	
32	148	32	128	
64	151	64	136	
128	129	128	139	
256	145	256	136	
512	124	512	134	
1024	133	1024	134	
2048	151	2048	135	

CLNBIA No. 74



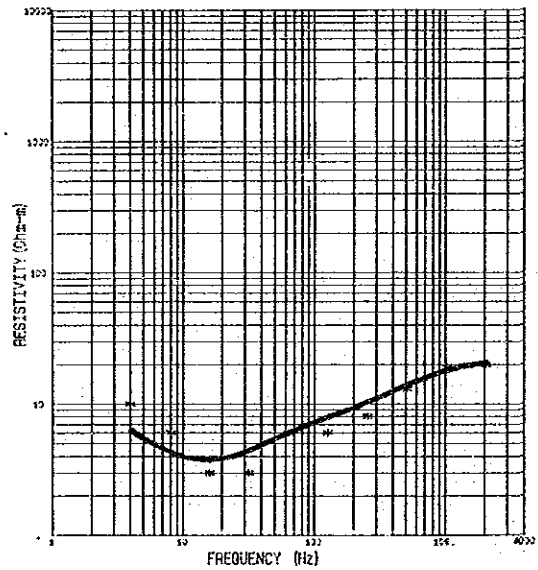
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	146	4	149	Resistivity Thickness 90 (Ohm-m) 70 (m) 330 (Ohm-m) 200 (m) 60 (Ohm-m) 400 (m) 300 (Ohm-m) Infinite
8	107	8	123	
16	92	16	104	
32	114	32	96	
64	117	64	104	
128	144	128	128	
256	109	256	152	
512	137	512	155	
1024	170	1024	132	
2048	103	2048	102	

CLNBIA No. 75



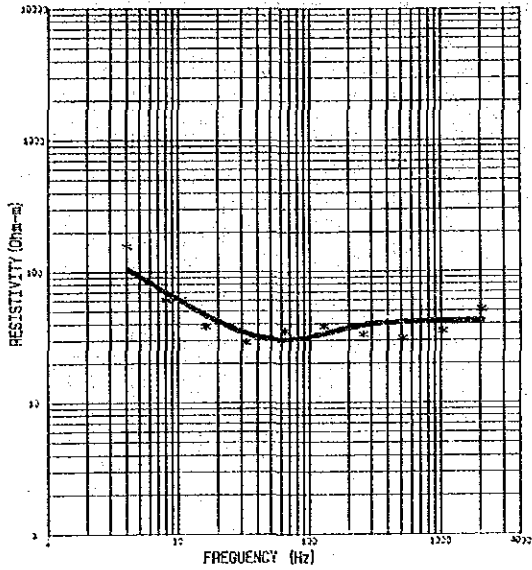
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	144	4	147	Resistivity Thickness 208 (Ohm-m) 430 (m) 90 (Ohm-m) 1020 (m) 800 (Ohm-m) Infinite
8	122	8	118	
16	140	16	115	
32	136	32	137	
64	180	64	171	
128	185	128	198	
256	230	256	216	
512	203	512	218	
1024	213	1024	211	
2048	218	2048	207	

CLNBIA No. 76



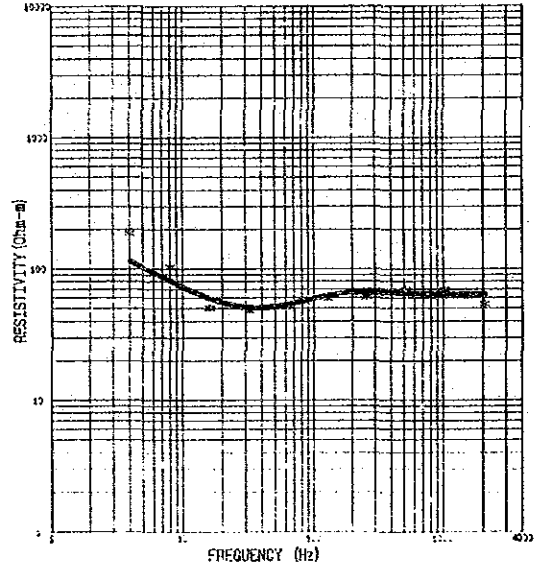
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	10	4	6	Resistivity Thickness 18 (Ohm-m) 50 (m) 3 (Ohm-m) 200 (m) 150 (Ohm-m) Infinite
8	6	8	4	
16	6	16	3	
32	6	32	4	
64	6	64	5	
128	8	128	7	
256	8	256	10	
512	13	512	13	
1024	19	1024	17	
2048	20	2048	19	

CLNBIA No. 77



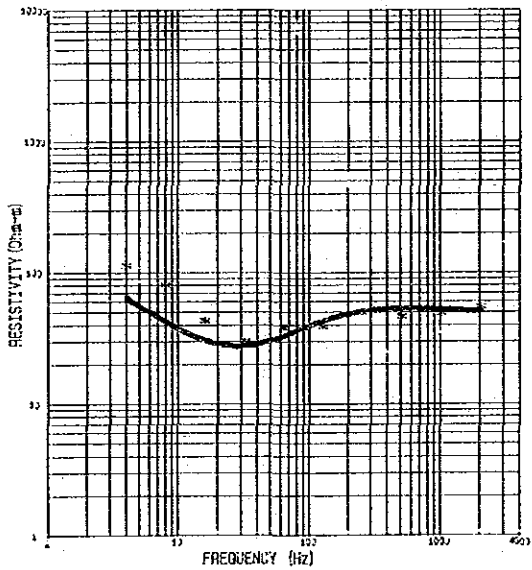
Raw Data (Hz)	Calculated (Hz)	Model
4	157	40 (Ohm-m) 100 (m)
8	60	20 (Ohm-m) 300 (m)
16	38	500 (Ohm-m) Infinite
32	23.9	
64	14.8	
128	9.35	
256	5.85	
512	3.64	
1024	2.28	
2048	1.42	
4096	0.88	

CLNBIA No. 78



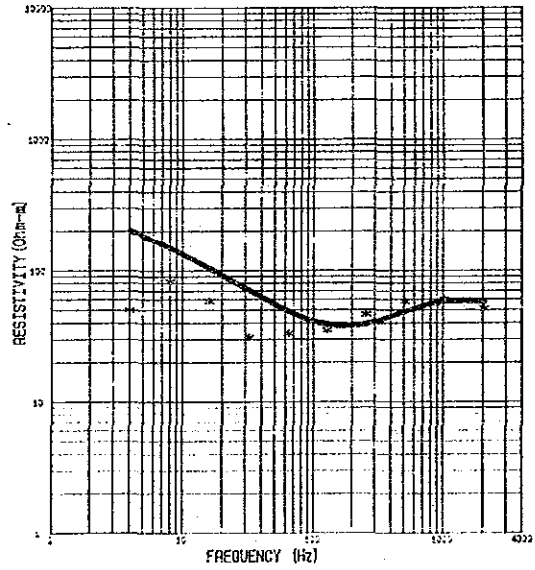
Raw Data (Hz)	Calculated (Hz)	Model
4	186	62 (Ohm-m) 300 (m)
8	103	40 (Ohm-m) 300 (m)
16	50	500 (Ohm-m) Infinite
32	24.8	
64	15.2	
128	9.5	
256	5.9	
512	3.6	
1024	2.2	
2048	1.4	
4096	0.8	

CLNBIA No. 79



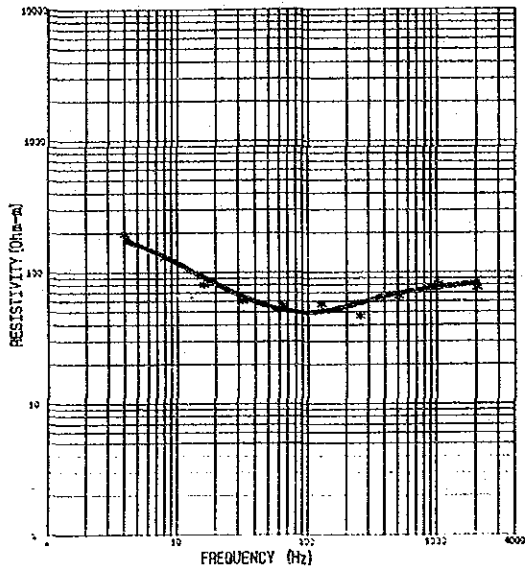
Raw Data (Hz)	Calculated (Hz)	Model
4	114	49 (Ohm-m) 170 (m)
8	60	20 (Ohm-m) 300 (m)
16	30	500 (Ohm-m) Infinite
32	16	
64	9.3	
128	5.8	
256	3.6	
512	2.2	
1024	1.4	
2048	0.8	
4096	0.5	

CLNBIA No. 80



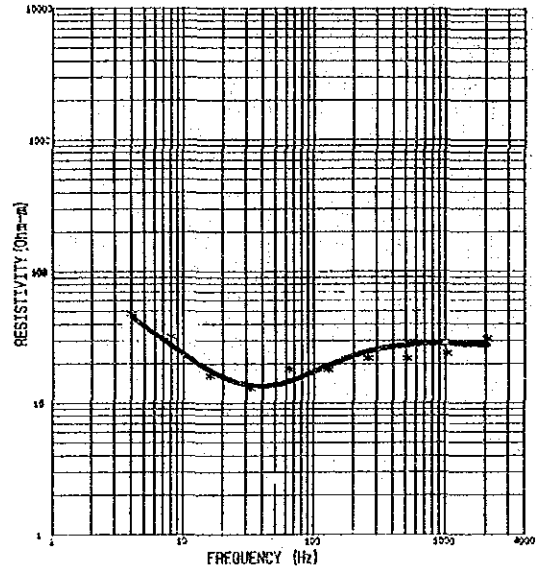
Raw Data (Hz)	Calculated (Hz)	Model
4	50	53 (Ohm-m) 125 (m)
8	25	20 (Ohm-m) 80 (m)
16	12.5	500 (Ohm-m) Infinite
32	6.2	
64	3.1	
128	1.6	
256	0.8	
512	0.4	
1024	0.2	
2048	0.1	
4096	0.05	

CLNBIA No. 81



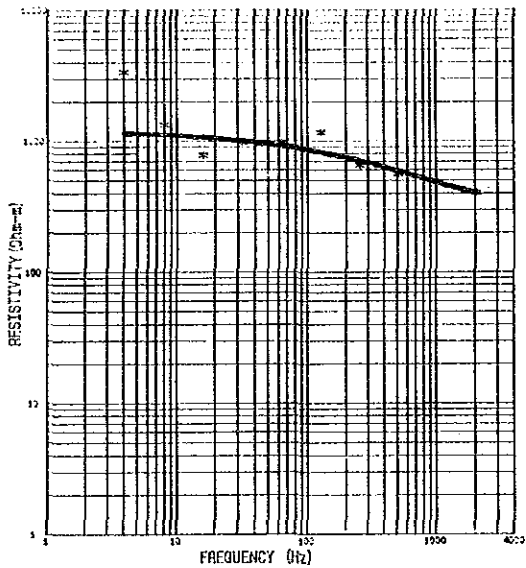
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness 80 (Ohm-m) 80 (m) 45 (Ohm-m) 300 (m) 500 (Ohm-m) Infinite
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 82



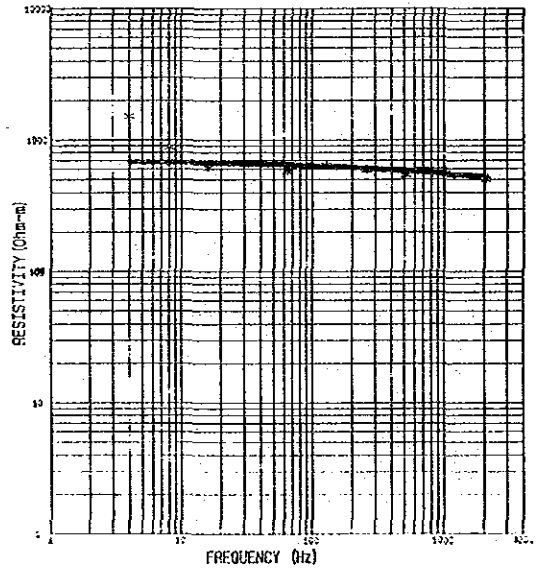
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness 26 (Ohm-m) 100 (m) 10 (Ohm-m) 190 (m) 600 (Ohm-m) Infinite
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 83



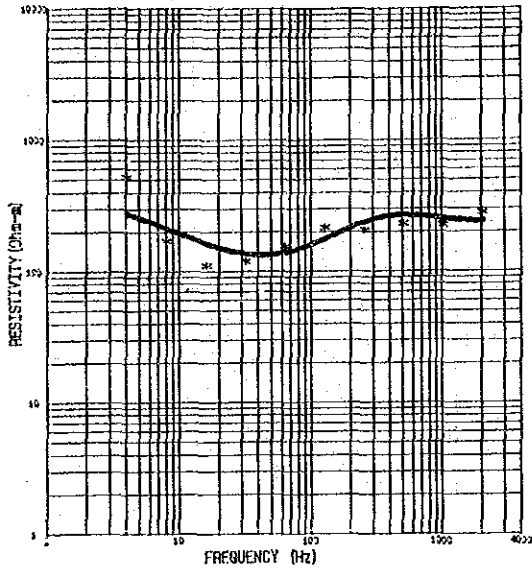
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness 370 (Ohm-m) 150 (m) 1200 (Ohm-m) Infinite
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 84



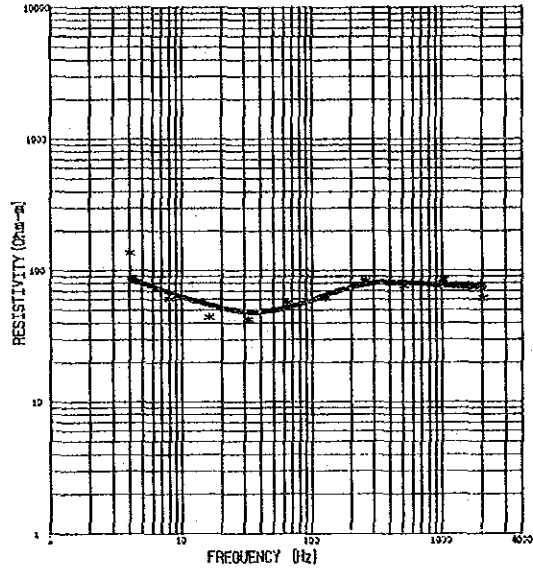
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Resistivity Thickness 500 (Ohm-m) 170 (m) 670 (Ohm-m) Infinite
8	8	
16	16	
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 85



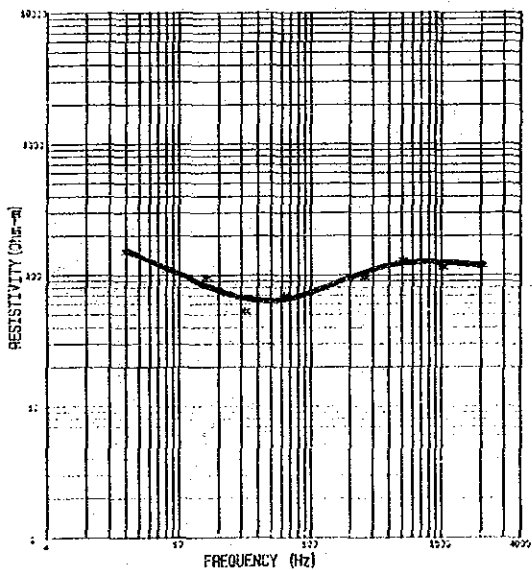
Raw Data (Hz)	Calculated (Hz)	Model
4	267	Resistivity Thickness
16	203	
64	156	
111	131	232 (Ohm-m) 410 (m)
154	134	45 (Ohm-m) 200 (m)
214	171	700 (Ohm-m) Infinite
305	230	
323	258	
1024	243	
2048	231	

CLNBIA No. 86



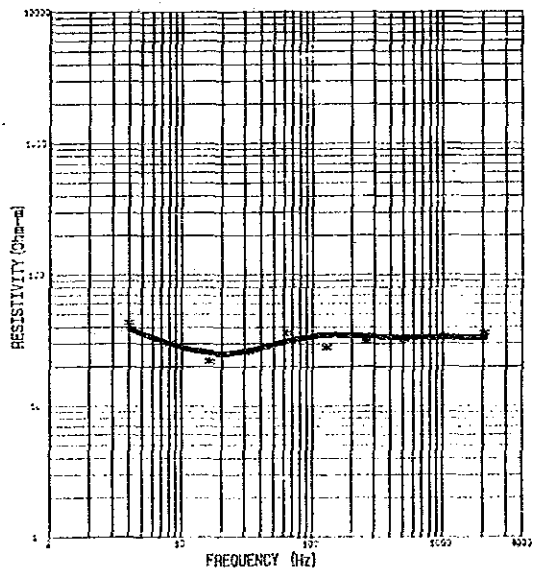
Raw Data (Hz)	Calculated (Hz)	Model
4	83	Resistivity Thickness
16	65	
64	52	
111	46	73 (Ohm-m) 250 (m)
154	50	25 (Ohm-m) 200 (m)
214	95	200 (Ohm-m) Infinite
305	75	
323	78	
1024	74	
2048	72	

CLNBIA No. 87



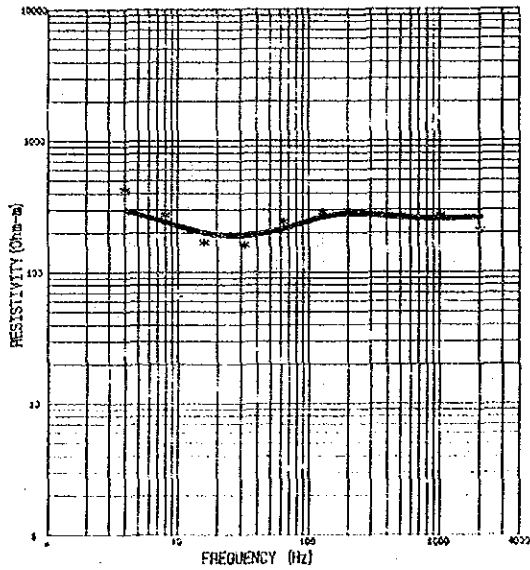
Raw Data (Hz)	Calculated (Hz)	Model
4	147	Resistivity Thickness
16	108	
64	78	
111	64	113 (Ohm-m) 220 (m)
154	63	37 (Ohm-m) 280 (m)
214	78	452 (Ohm-m) Infinite
305	102	
323	119	
1024	120	
2048	115	

CLNBIA No. 88



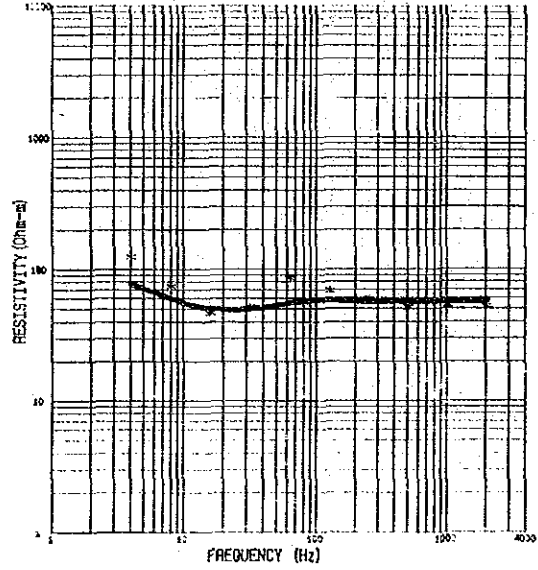
Raw Data (Hz)	Calculated (Hz)	Model
4	37	Resistivity Thickness
16	28	
64	24	
111	25	32 (Ohm-m) 300 (m)
154	30	15 (Ohm-m) 200 (m)
214	33	150 (Ohm-m) Infinite
305	32	
323	31	
1024	31	
2048	32	

CLNBIA No. 89



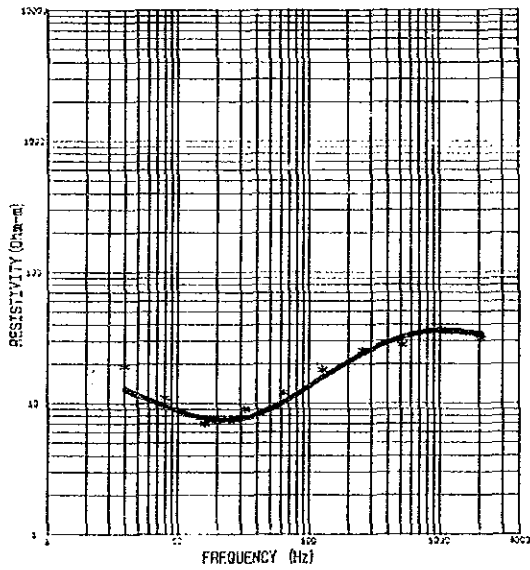
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	424	4	289	Resistivity Thickness 250 (Ohm-m) 750 (m) 45 (Ohm-m) 150 (m) 700 (Ohm-m) Infinite
8	273	8	231	
16	168	16	193	
32	161	32	183	
64	240	64	208	
128	284	128	252	
256	275	256	268	
512	266	512	253	
1024	269	1024	248	
2048	207	2048	250	

CLNBIA No. 90



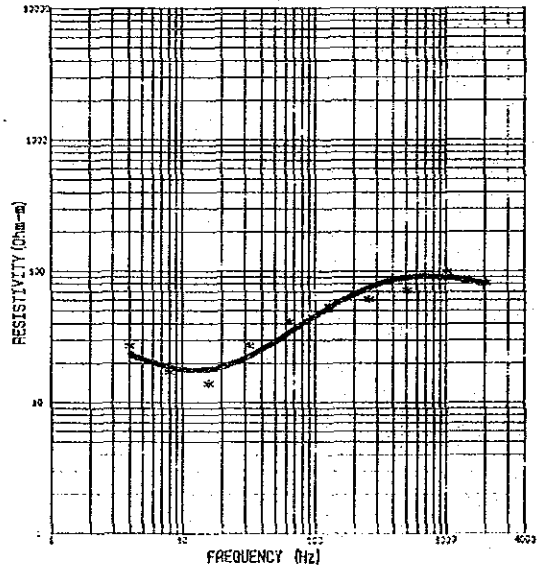
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	125	4	75	Resistivity Thickness 55 (Ohm-m) 600 (m) 20 (Ohm-m) 100 (m) 300 (Ohm-m) Infinite
8	74	8	57	
16	47	16	48	
32	51	32	48	
64	85	64	53	
128	88	128	56	
256	99	256	55	
512	54	512	51	
1024	53	1024	55	
2048	52	2048	55	

CLNBIA No. 91



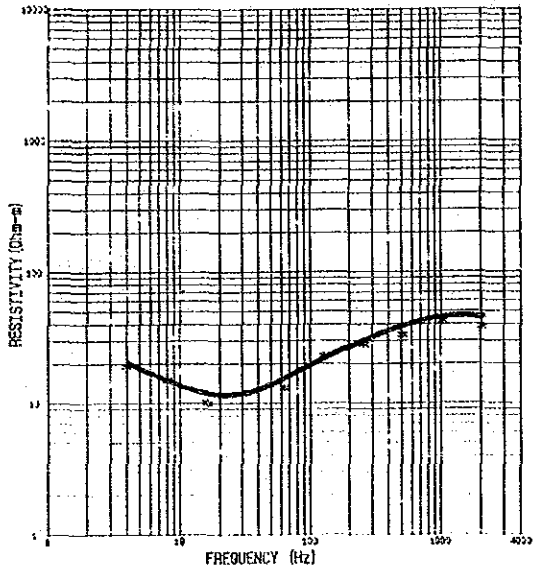
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	19	4	12	Resistivity Thickness 30 (Ohm-m) 100 (m) 3 (Ohm-m) 100 (m) 50 (Ohm-m) Infinite
8	11	8	9	
16	7	16	7	
32	9	32	9	
64	13	64	9	
128	15	128	15	
256	25	256	23	
512	38	512	30	
1024	36	1024	34	
2048	31	2048	32	

CLNBIA No. 92



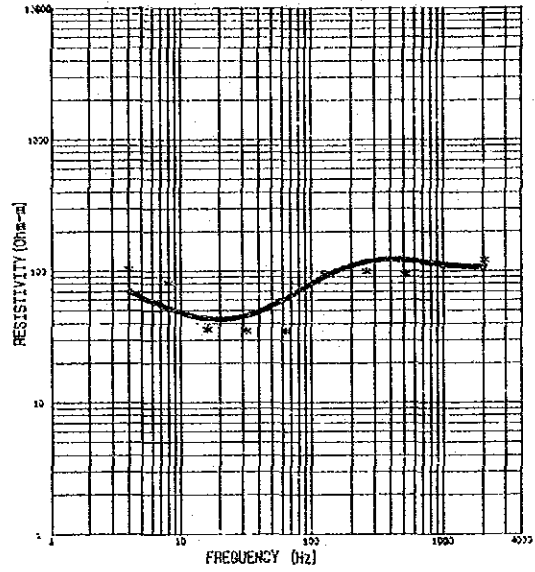
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	27	4	22	Resistivity Thickness 77 (Ohm-m) 200 (m) 7 (Ohm-m) 200 (m) 100 (Ohm-m) Infinite
8	17	8	17	
16	14	16	17	
32	37	32	24	
64	41	64	33	
128	54	128	51	
256	61	256	72	
512	72	512	87	
1024	99	1024	86	
2048	81	2048	78	

CLNBIA No. 93



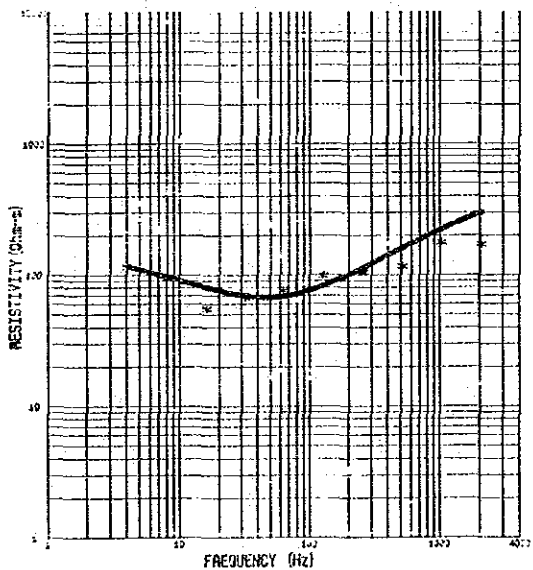
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	19	4	19	Resistivity Thickness 40 (Ohm-m) 100 (m) 7 (Ohm-m) 200 (m) 100 (Ohm-m) Infinite
8	15	8	14	
16	10	16	11	
32	10	32	11	
64	10	64	15	
128	10	128	21	
256	10	256	29	
512	10	512	37	
1024	10	1024	43	
2048	10	2048	43	

CLNBIA No. 94



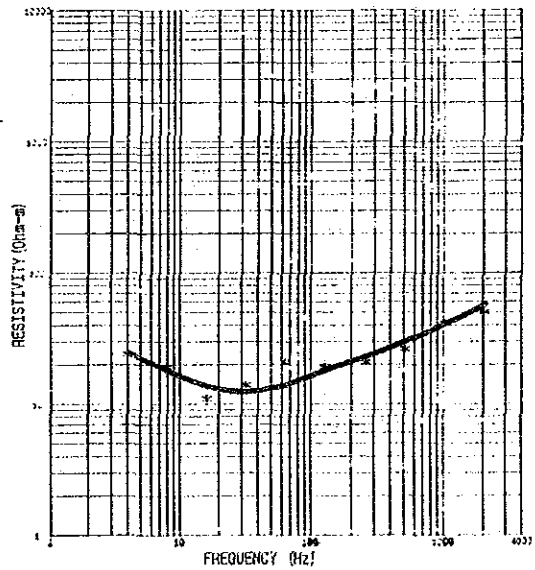
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	104	4	67	Resistivity Thickness 105 (Ohm-m) 300 (m) 15 (Ohm-m) 200 (m) 300 (Ohm-m) Infinite
8	81	8	50	
16	36	16	41	
32	35	32	44	
64	35	64	60	
128	94	128	89	
256	99	256	114	
512	94	512	117	
1024	110	1024	108	
2048	122	2048	104	

CLNBIA No. 95



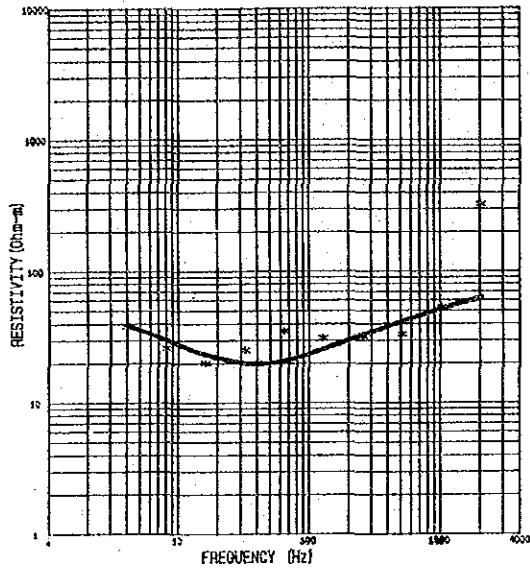
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	115	4	111	Resistivity Thickness 310 (Ohm-m) 140 (m) 40 (Ohm-m) 300 (m) 200 (Ohm-m) Infinite
8	94	8	93	
16	55	16	77	
32	67	32	87	
64	76	64	86	
128	99	128	80	
256	105	256	110	
512	116	512	156	
1024	176	1024	216	
2048	168	2048	291	

CLNBIA No. 96



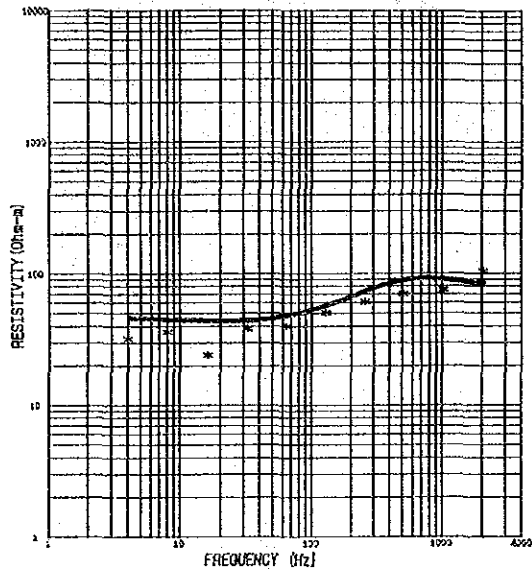
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	24	4	23	Resistivity Thickness 40 (Ohm-m) 50 (m) 10 (Ohm-m) 260 (m) 100 (Ohm-m) Infinite
8	19	8	17	
16	11	16	13	
32	14	32	12	
64	21	64	13	
128	19	128	17	
256	21	256	22	
512	26	512	29	
1024	41	1024	39	
2048	50	2048	58	

CLNBIA No. 97



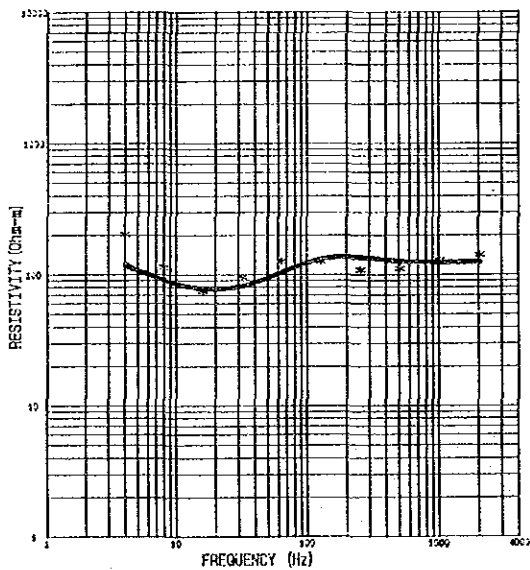
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	32	4	37	Resistivity Thickness 80 (Ohm-m) 70 (m) 15 (Ohm-m) 250 (m) 100 (Ohm-m) Infinite
8	36	8	39	
16	34	16	32	
32	38	32	15	
64	40	64	20	
128	50	128	24	
256	61	256	32	
512	70	512	40	
1024	75	1024	50	
2048	104	2048	60	

CLNBIA No. 98



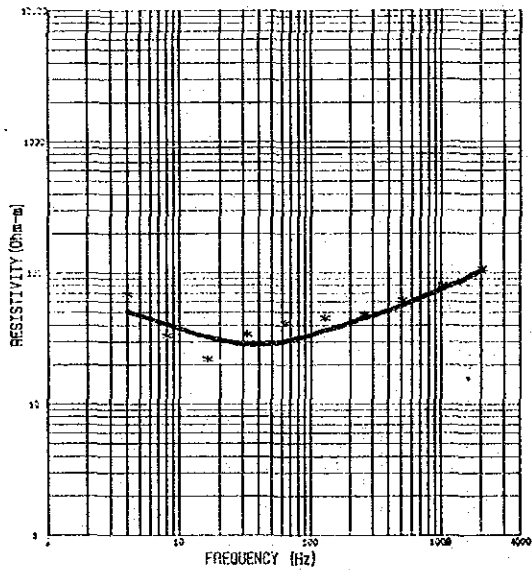
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	32	4	44	Resistivity Thickness 80 (Ohm-m) 200 (m) 15 (Ohm-m) 80 (m) 50 (Ohm-m) Infinite
8	36	8	43	
16	34	16	42	
32	38	32	42	
64	40	64	46	
128	50	128	55	
256	61	256	71	
512	70	512	86	
1024	75	1024	87	
2048	104	2048	81	

CLNBIA No. 99



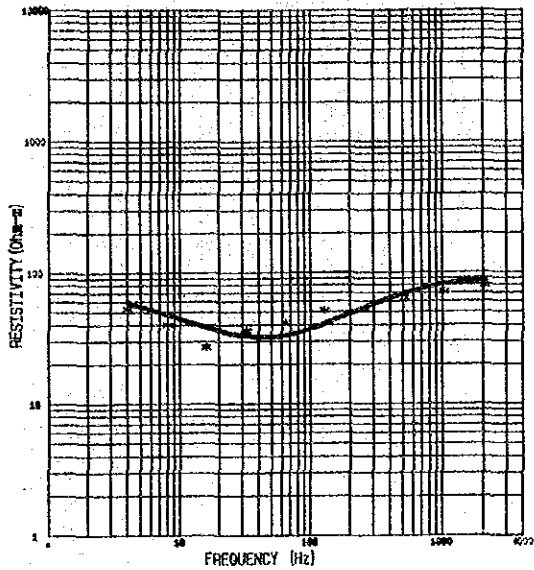
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	201	4	113	Resistivity Thickness 120 (Ohm-m) 500 (m) 25 (Ohm-m) 200 (m) 400 (Ohm-m) Infinite
8	113	8	97	
16	75	16	75	
32	96	32	79	
64	126	64	104	
128	126	128	126	
256	108	256	130	
512	141	512	121	
1024	128	1024	119	
2048	142	2048	120	

CLNBIA No. 100



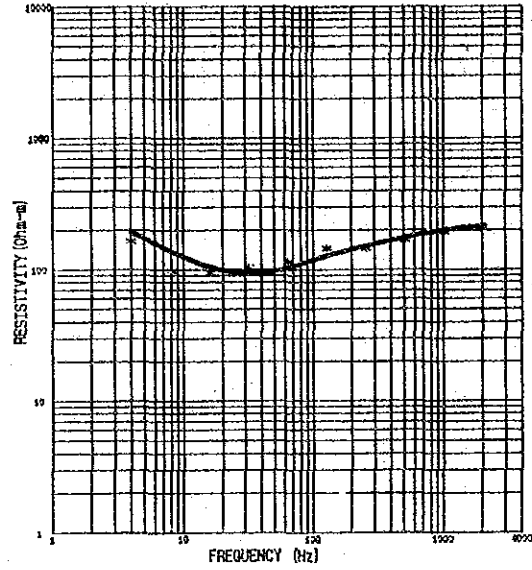
Raw Data (Hz)	Raw Data (Ohm-m)	Calculated (Hz)	Calculated (Ohm-m)	Model
4	68	4	49	Resistivity Thickness 215 (Ohm-m) 58 (m) 23 (Ohm-m) 350 (m) 120 (Ohm-m) Infinite
8	33	8	38	
16	22	16	31	
32	34	32	27	
64	41	64	59	
128	45	128	35	
256	48	256	43	
512	62	512	55	
1024	80	1024	72	
2048	107	2048	102	

CLNBIA No. 101



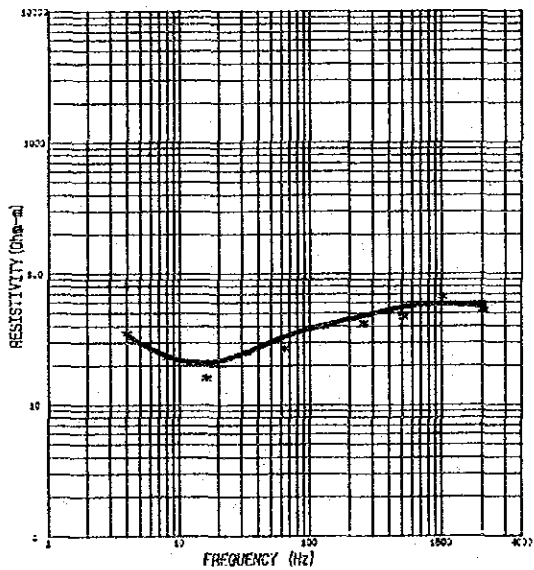
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Model Resistivity Thickness 76 (Ohm-m) 120 (m) 20 (Ohm-m) 220 (m) 120 (Ohm-m) Infinite
53	56	
40	45	
27	36	
36	31	
41	32	
51	39	
52	53	
64	67	
71	78	
79	82	

CLNBIA No. 102



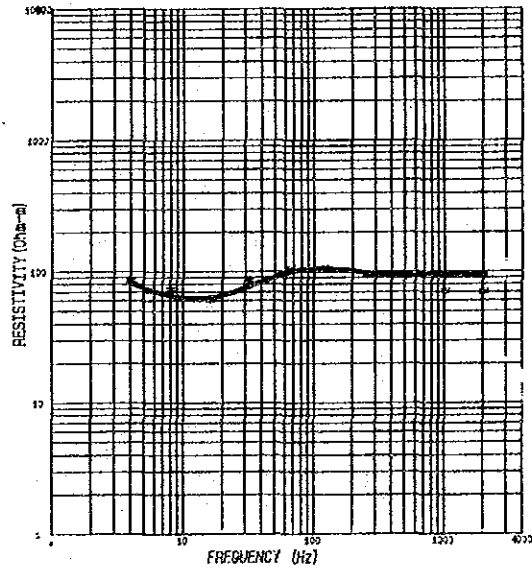
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Model Resistivity Thickness 195 (Ohm-m) 170 (m) 80 (Ohm-m) 700 (m) 800 (Ohm-m) Infinite
164	184	
88	132	
94	100	
103	90	
114	100	
145	123	
128	146	
145	170	
167	194	
182	206	
1024	2048	
2048	2048	

CLNBIA No. 103



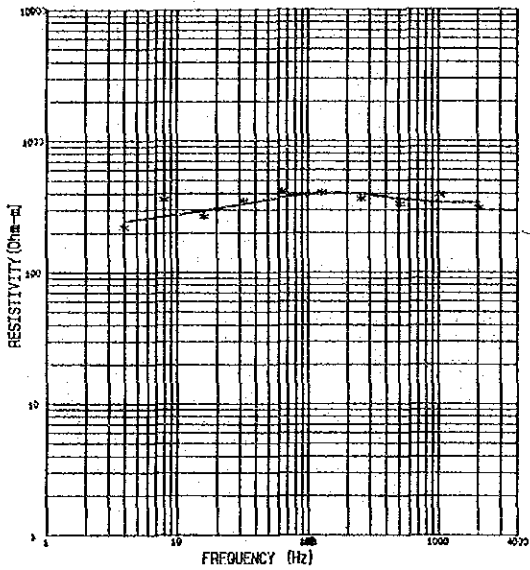
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Model Resistivity Thickness 53 (Ohm-m) 136 (m) 18 (Ohm-m) 500 (m) 800 (Ohm-m) Infinite
35	32	
23	22	
16	20	
25	24	
27	32	
40	32	
42	39	
47	47	
53	54	
1024	1024	
2048	2048	

CLNBIA No. 104



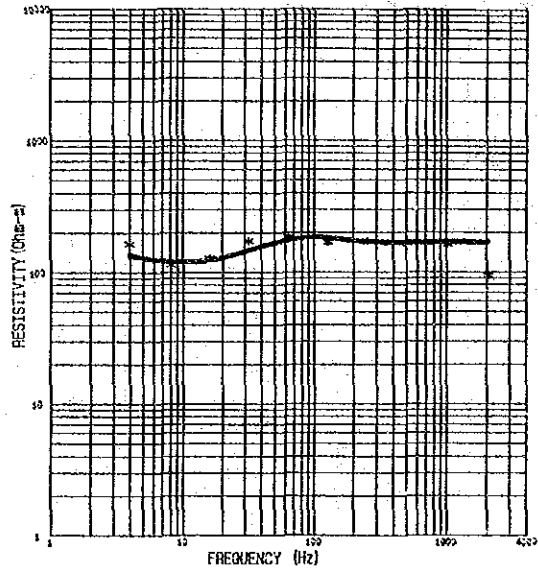
Raw Data (Hz)	Calculated (Hz)	Model
4	4	Model Resistivity Thickness 83 (Ohm-m) 800 (m) 22 (Ohm-m) 250 (m) 500 (Ohm-m) Infinite
86	79	
73	62	
61	61	
32	32	
86	75	
103	85	
105	101	
99	94	
92	92	
71	93	
1024	1024	
2048	2048	

CLNBIA No. 105



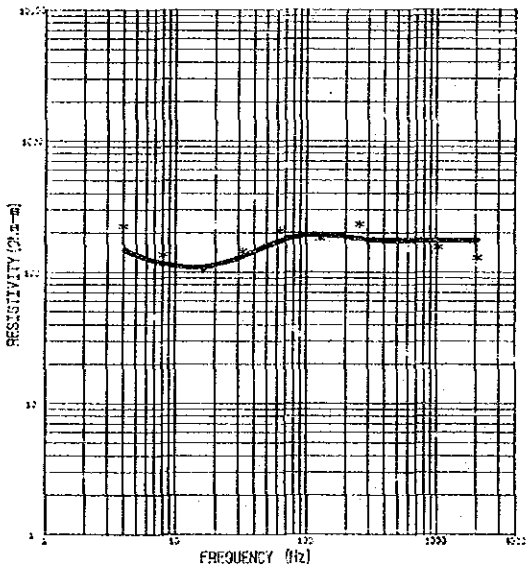
Raw Data (Hz)	Calculated (Hz)	Model
4	4	350 (Ohm-m) 300 (m)
8	8	500 (Ohm-m) 450 (m)
16	16	200 (Ohm-m) Infinite
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 106



Raw Data (Hz)	Calculated (Hz)	Model
4	4	165 (Ohm-m) 890 (m)
8	8	30 (Ohm-m) 200 (m)
16	16	300 (Ohm-m) Infinite
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

CLNBIA No. 107

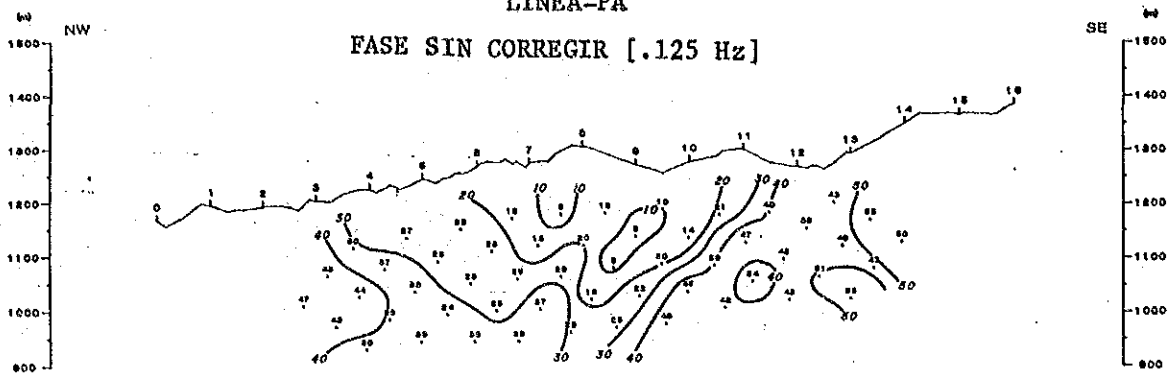


Raw Data (Hz)	Calculated (Hz)	Model
4	4	170 (Ohm-m) 800 (m)
8	8	25 (Ohm-m) 200 (m)
16	16	800 (Ohm-m) Infinite
32	32	
64	64	
128	128	
256	256	
512	512	
1024	1024	
2048	2048	

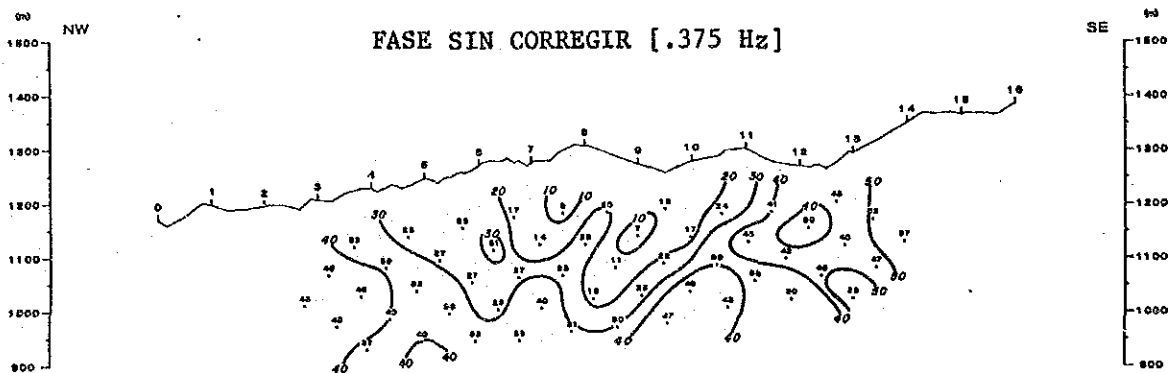
**Apendice 6 PSEUDOSECCION DELA FASE SIN CORREGIR A
CADA FRECUENCIA (LINEA PA Y PB)**

LINEA-PA

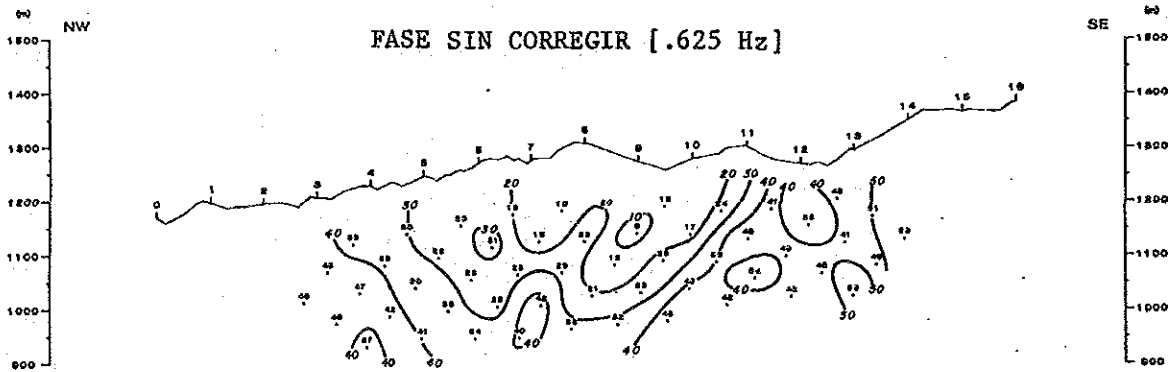
FASE SIN CORREGIR [.125 Hz]



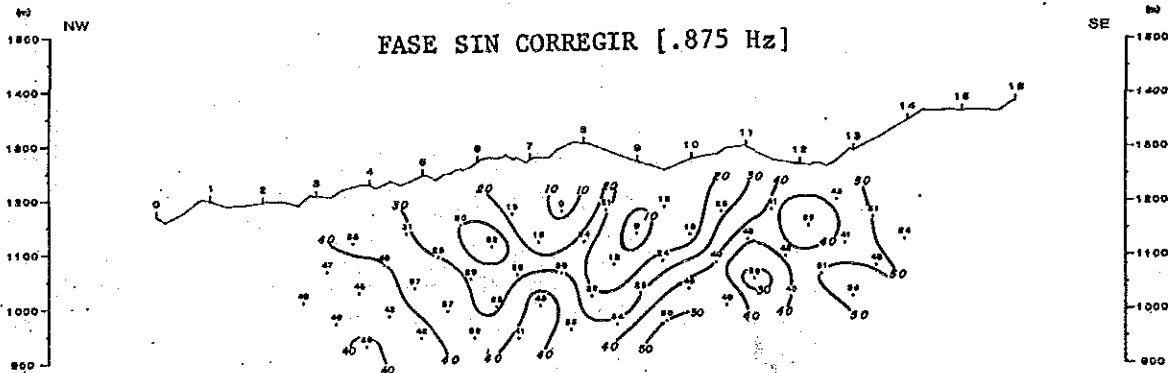
FASE SIN CORREGIR [.375 Hz]



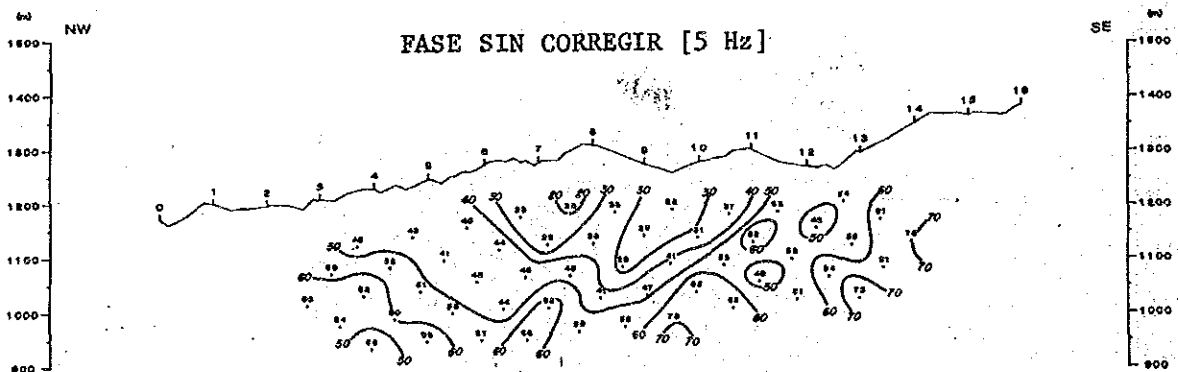
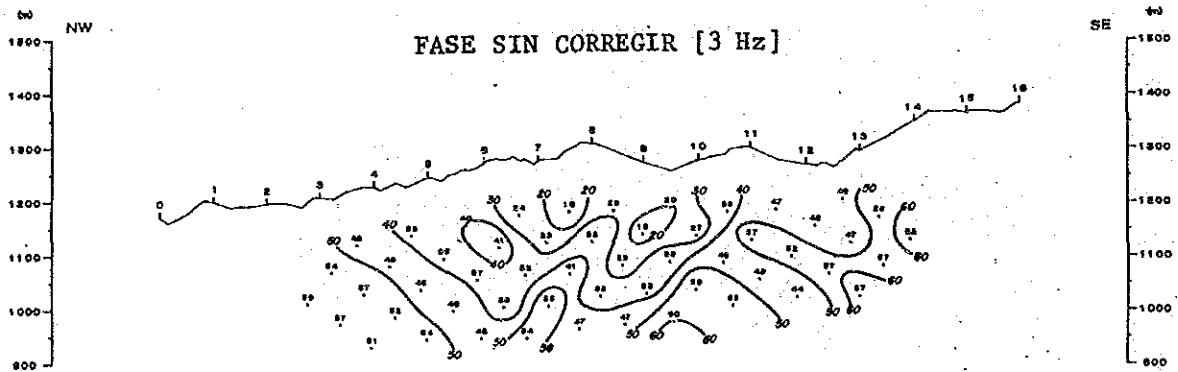
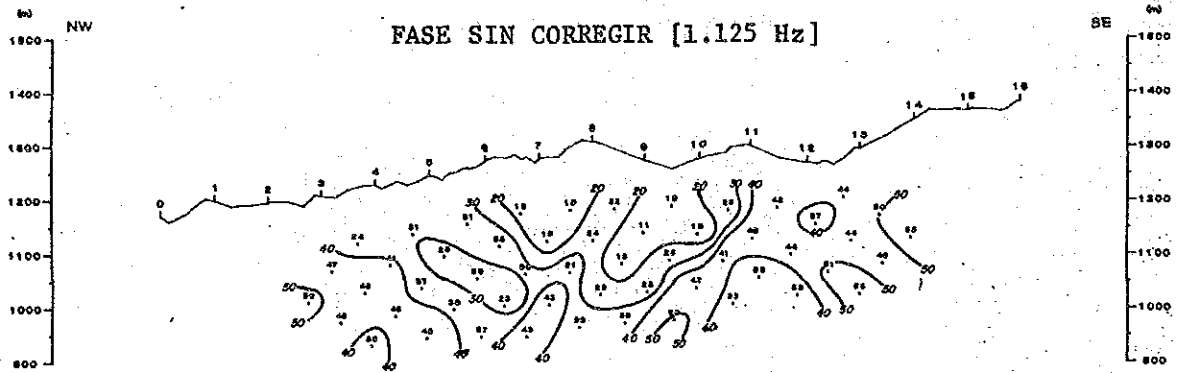
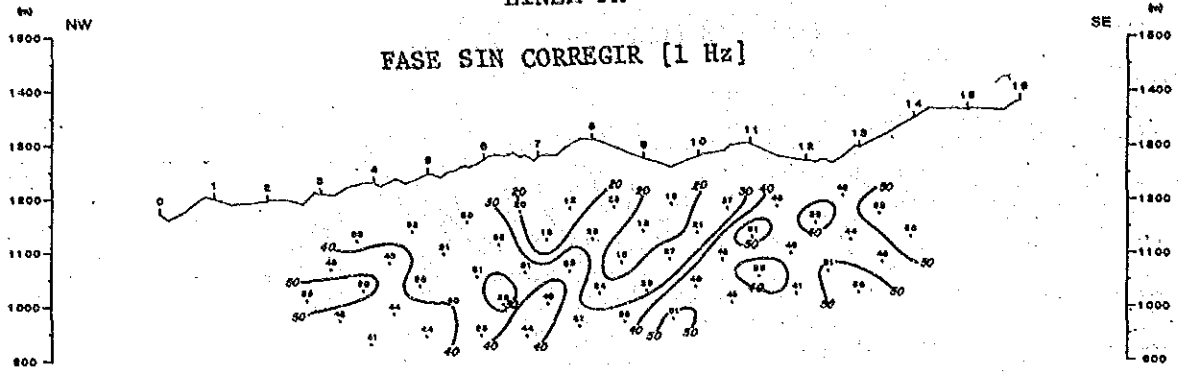
FASE SIN CORREGIR [.625 Hz]



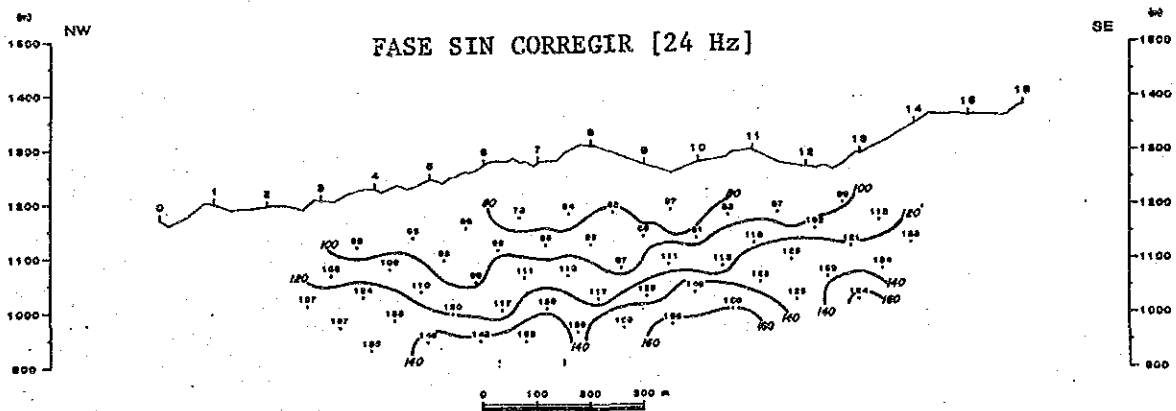
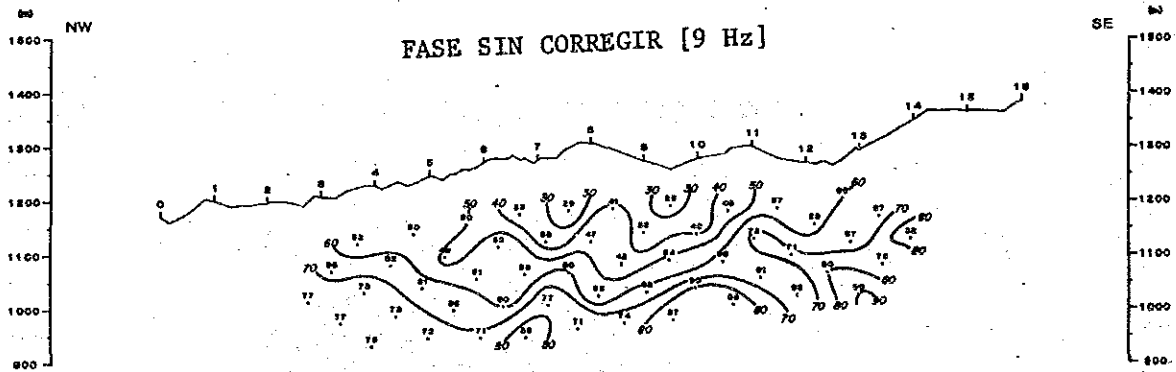
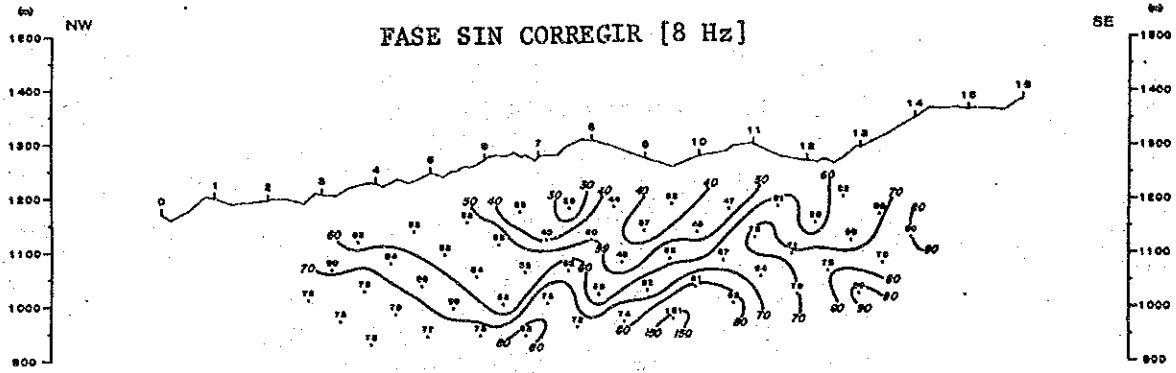
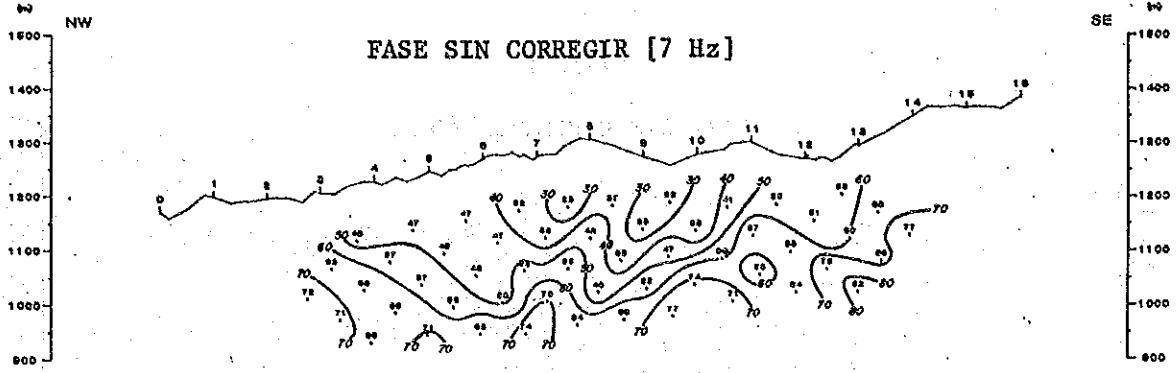
FASE SIN CORREGIR [.875 Hz]



LINEA-PA

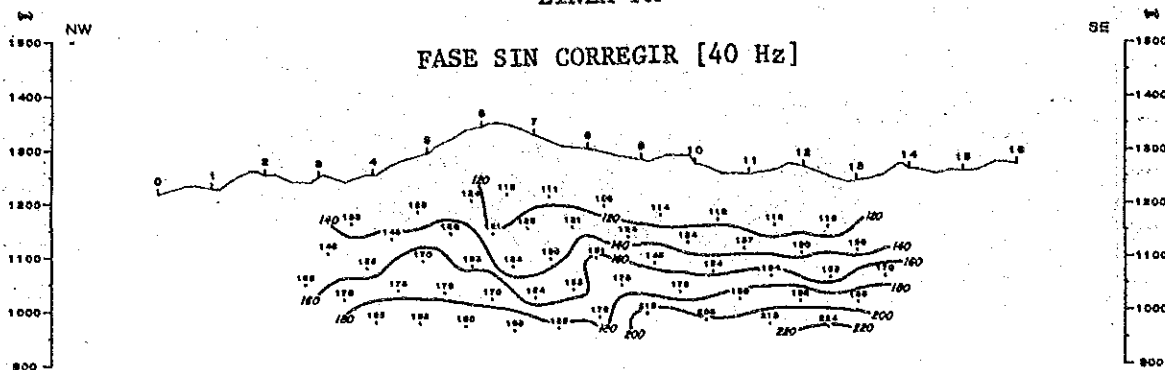


LINEA-PA

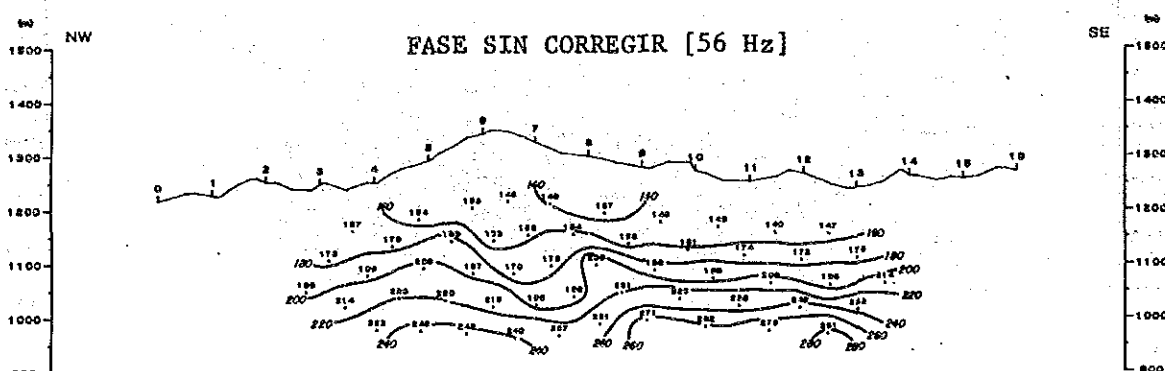


LINEA-PA

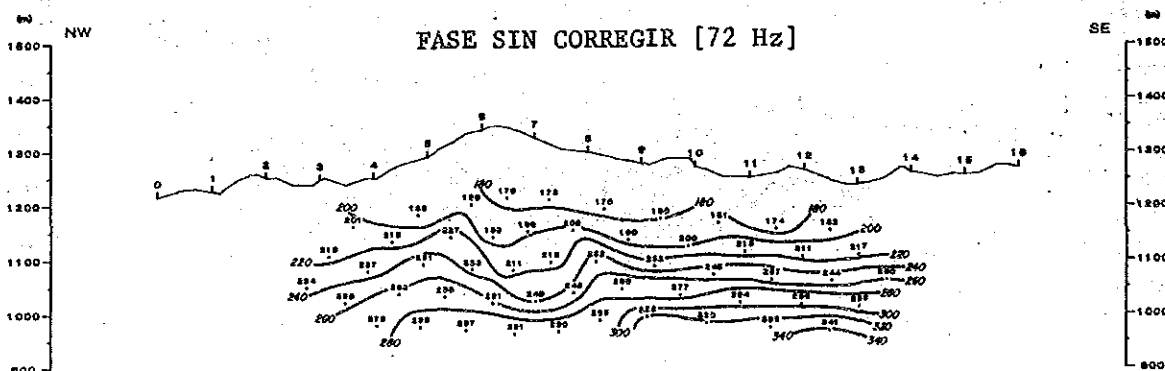
FASE SIN CORREGIR [40 Hz]



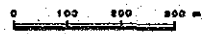
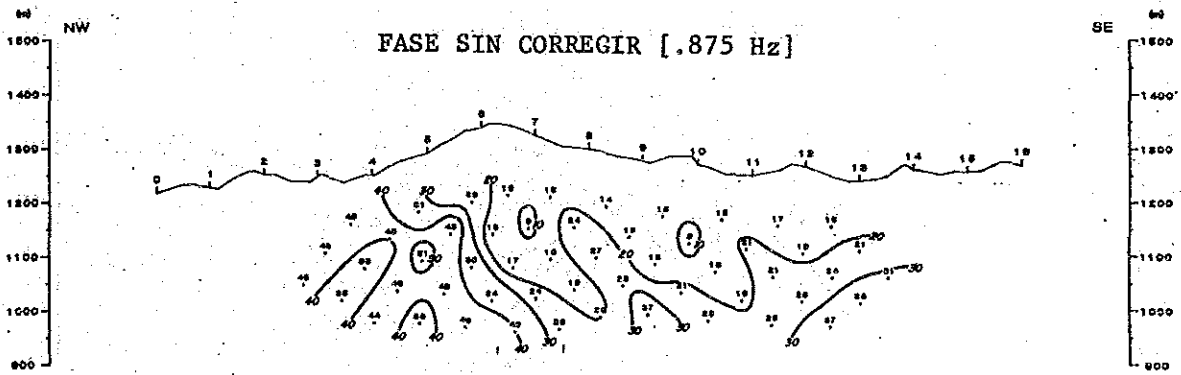
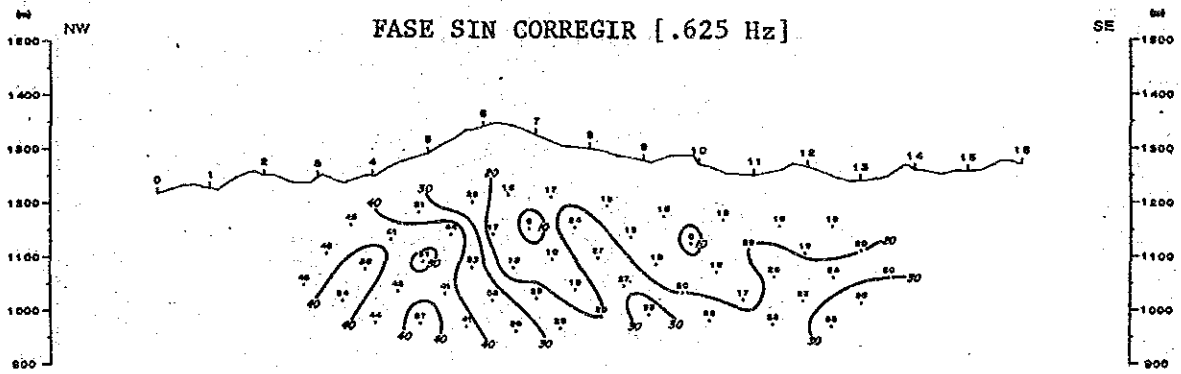
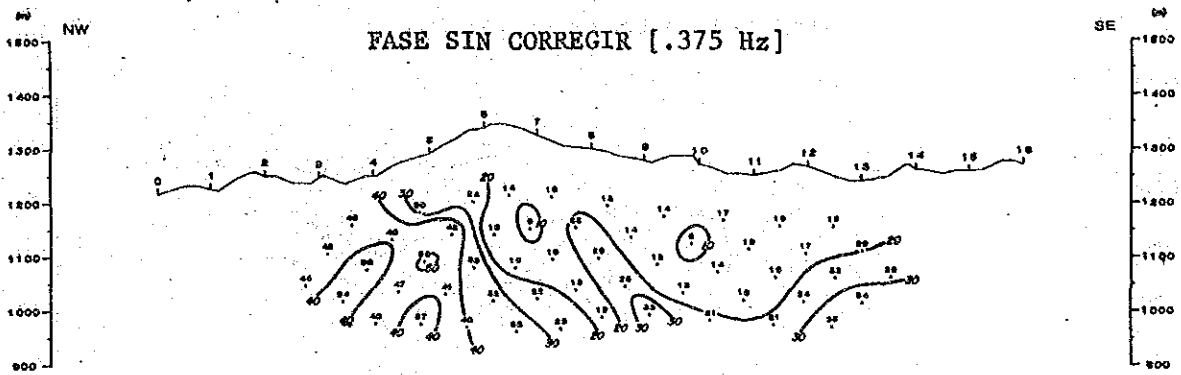
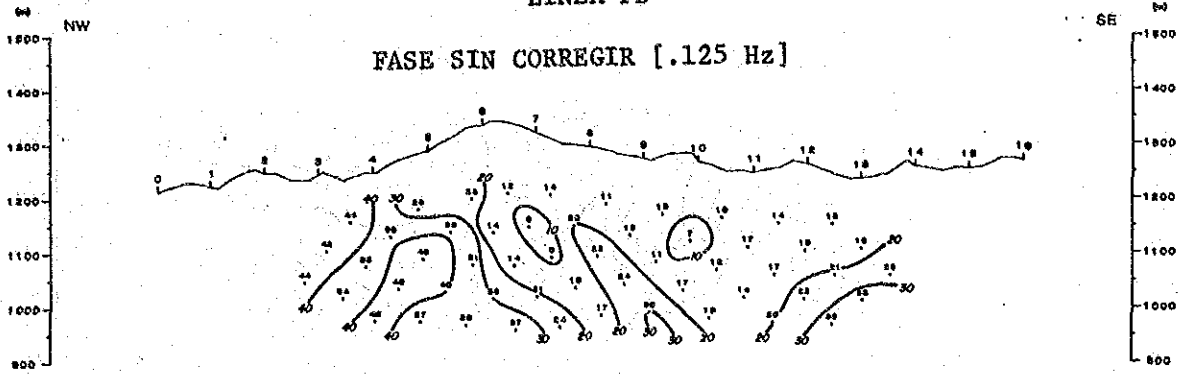
FASE SIN CORREGIR [56 Hz]



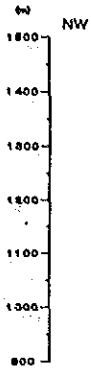
FASE SIN CORREGIR [72 Hz]



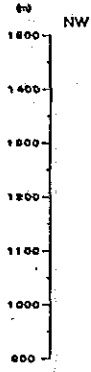
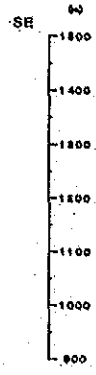
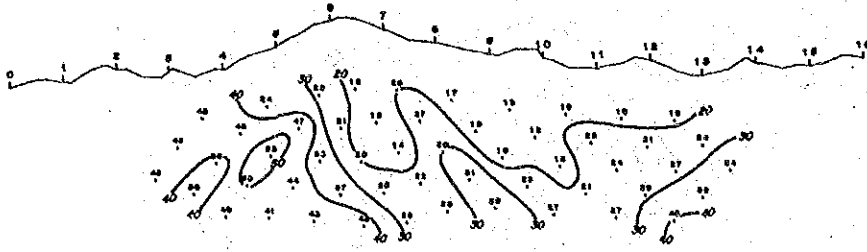
LINEA-PB



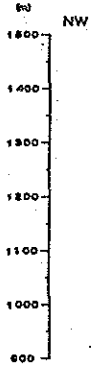
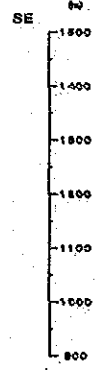
LINEA-PB



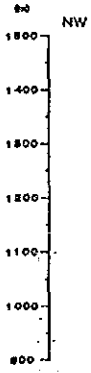
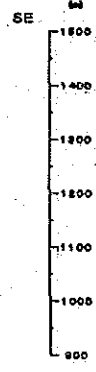
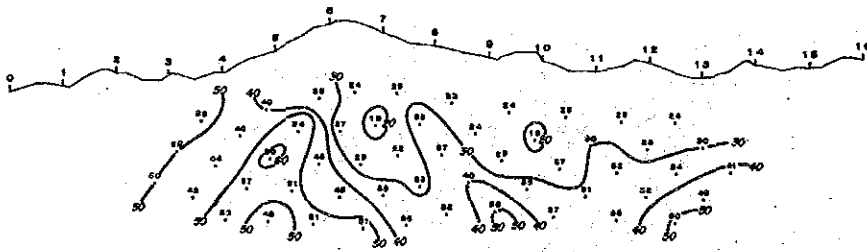
FASE SIN CORREGIR [1 Hz]



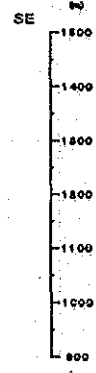
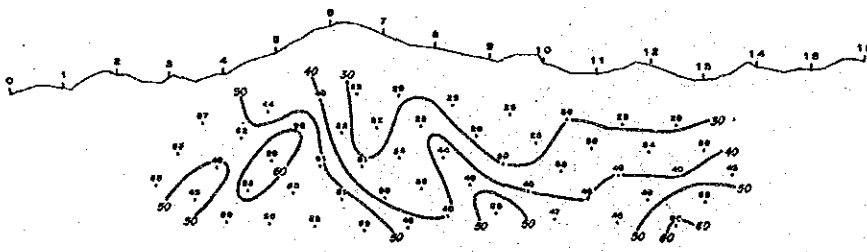
FASE SIN CORREGIR [1.125 Hz]



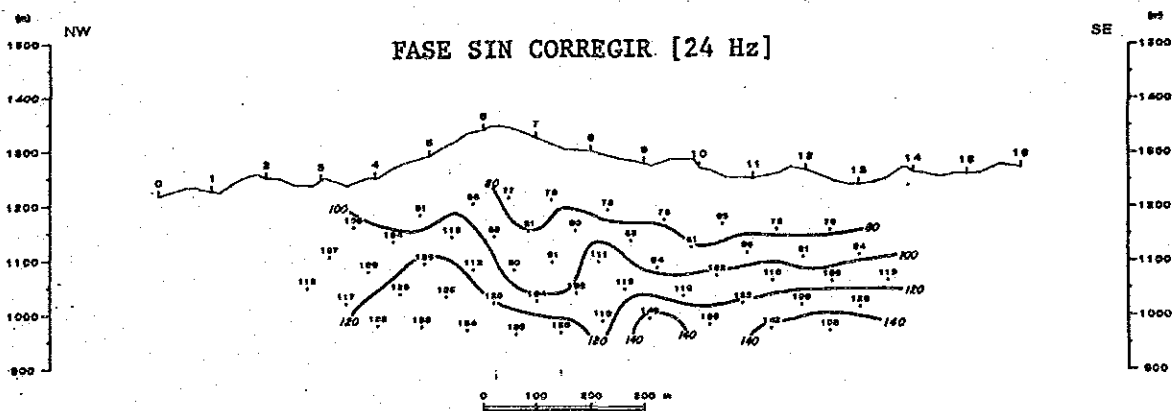
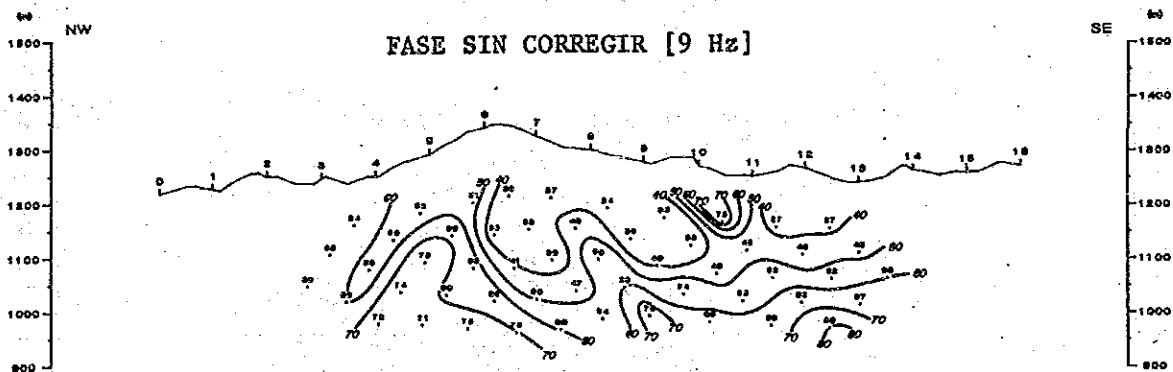
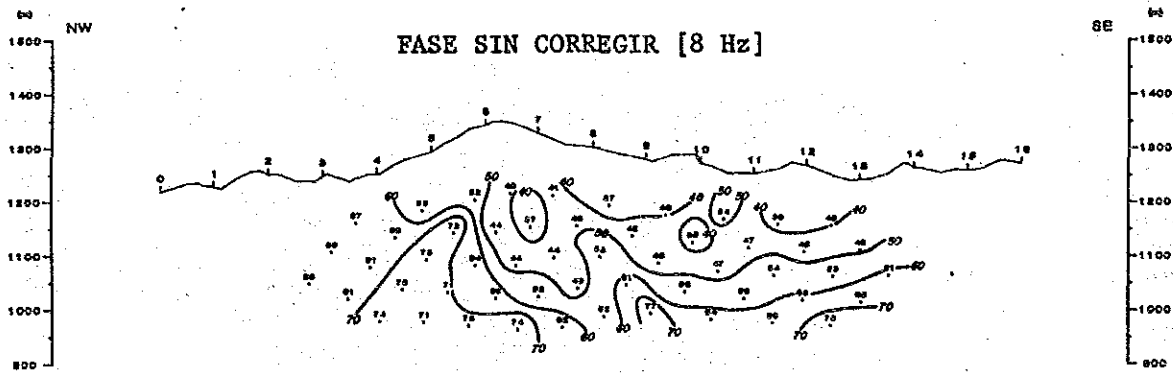
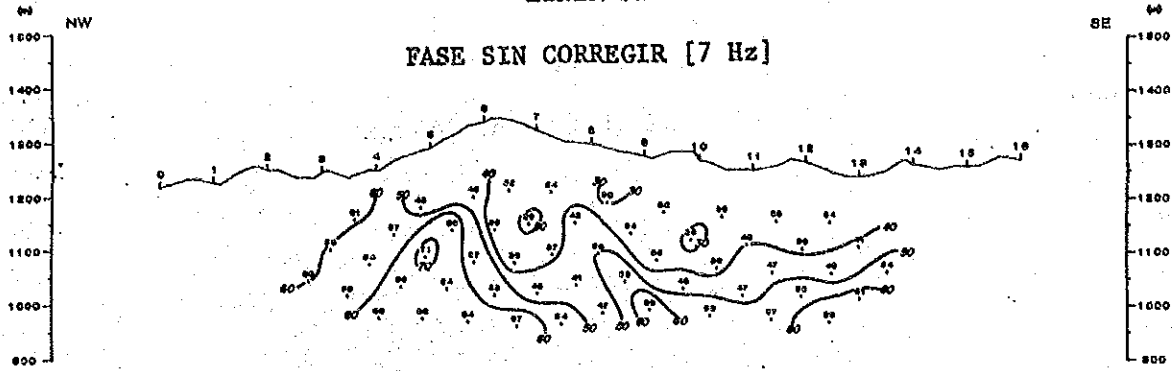
FASE SIN CORREGIR [3 Hz]



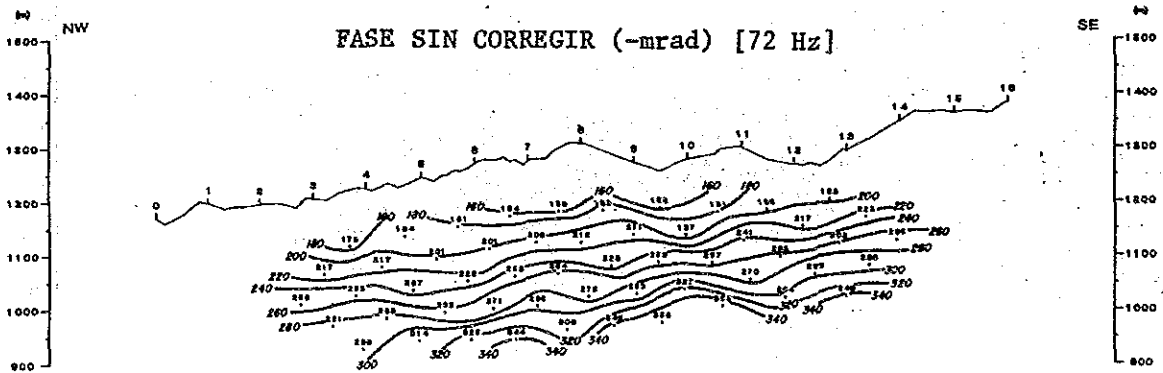
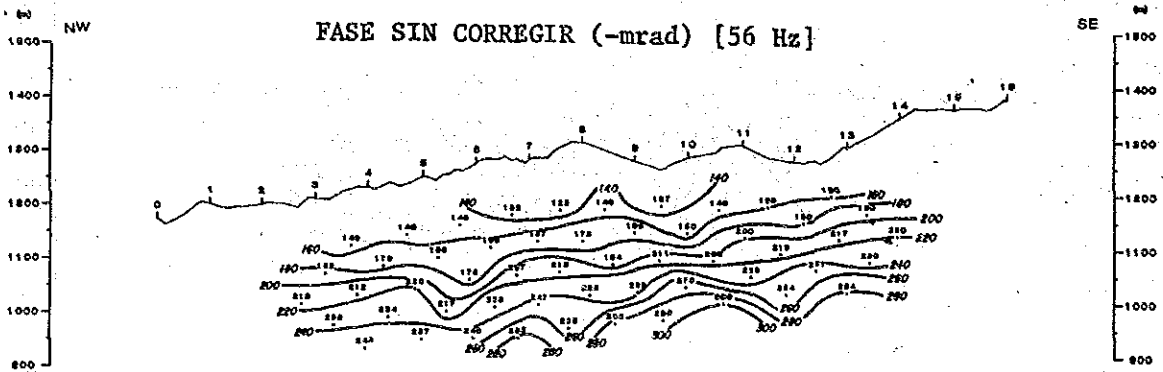
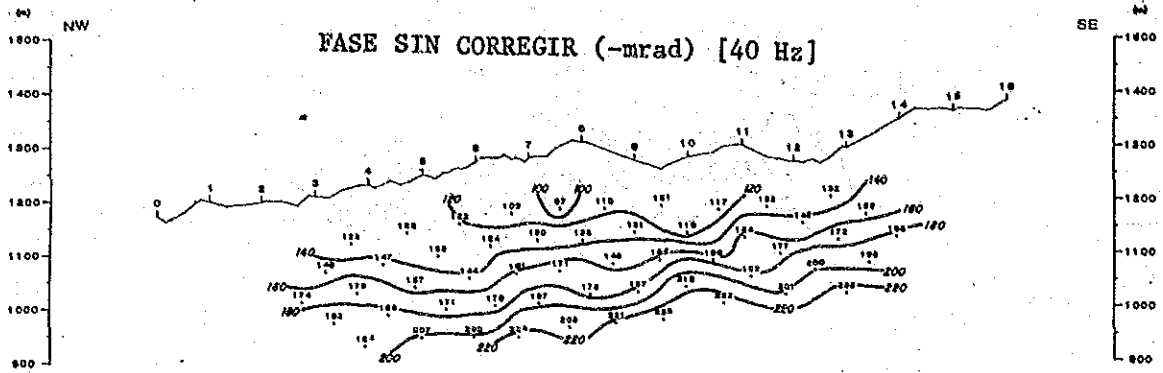
FASE SIN CORREGIR [5 Hz]



LINEA-PB



LINEA-PB



THE UNIVERSITY OF CHICAGO PRESS
530 N. Dearborn Street, Chicago, Ill. 60610
1968

705
661
MFM