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Sheep Mountain, Yavapai Co.
T8N, R1W, Sec 15

Microfiche Summary

Microfiche 13 of 13

Phelps-Dodge Geophysical Plate

Induced Polarization and Resistively Traverse Line 1500W Scale 1200
Induced Polarization and Resistively Traverse Line 2750W Scale 1200
Induced Polarization and Resistively Traverse Line 8800W Scale 600
Induced Polarization and Resistively Traverse Line 5350N Scale 600

Sheep Mountain, Yavapai Microfiche Sheets - Printed 11/2006

Sheet No. 13 of 13

Row / Column	1	2	3	4	5	6	7	8	9	10	11	12
1 Fig 11	1-1 Phelps-Dodge Figure #11	1-2	1-3 Corporation Sheep	1-4 Mountain	1-5 Geophysical Research	1-6 Line 1500 W	1-7	1-8 Induced Polarization	1-9	1-10 and Resistivity	1-11	1-12 Traverse
2 Fig 12	2-1 Phelps-Dodge Figure #12	2-2	2-3 corporation	2-4	2-5 Geophysical Research	2-6 Line 2750 W	2-7	2-8 Induced polarization	2-9	2-10 and	2-11 Resistivity	2-12 Traverse
3 Fig 13	3-1 Phelps-Dodge Figure #13	3-2	3-3 Corporation	3-4	3-5 Geophysical Research	3-6 Line 8800 W	3-	3-8 Induced Polarization	3-9	3-10 and Resistivity	3-11	3-12 Traverse
4 Fig 14	4-1 Phelps-Dodge	4-2	4-3 Corporation	4-4	4-5 Geophysical Research	4-6 Line 5350 N	4-7	4-8 Induced Polarization	4-9	4-10 and	4-11 Resistivity	4-12 Traverse
5	5-1	5-2	5-3	5-4	5-5	5-6	5-7	5-8	5-9	5-10	5-11	5-12

Sheet No. of

Row / Column	1	2	3	4	5	6	7	8	9	10	11	12
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	2-1	2-2	2-3	2-4	2-5	2-6	2-7	2-8	2-9	2-10	2-11	2-12
3	3-1	3-2	3-3	3-4	3-5	3-6	3-	3-8	3-9	3-10	3-11	3-12
4	4-1	4-2	4-3	4-4	4-5	4-6	4-7	4-8	4-9	4-10	4-11	4-12
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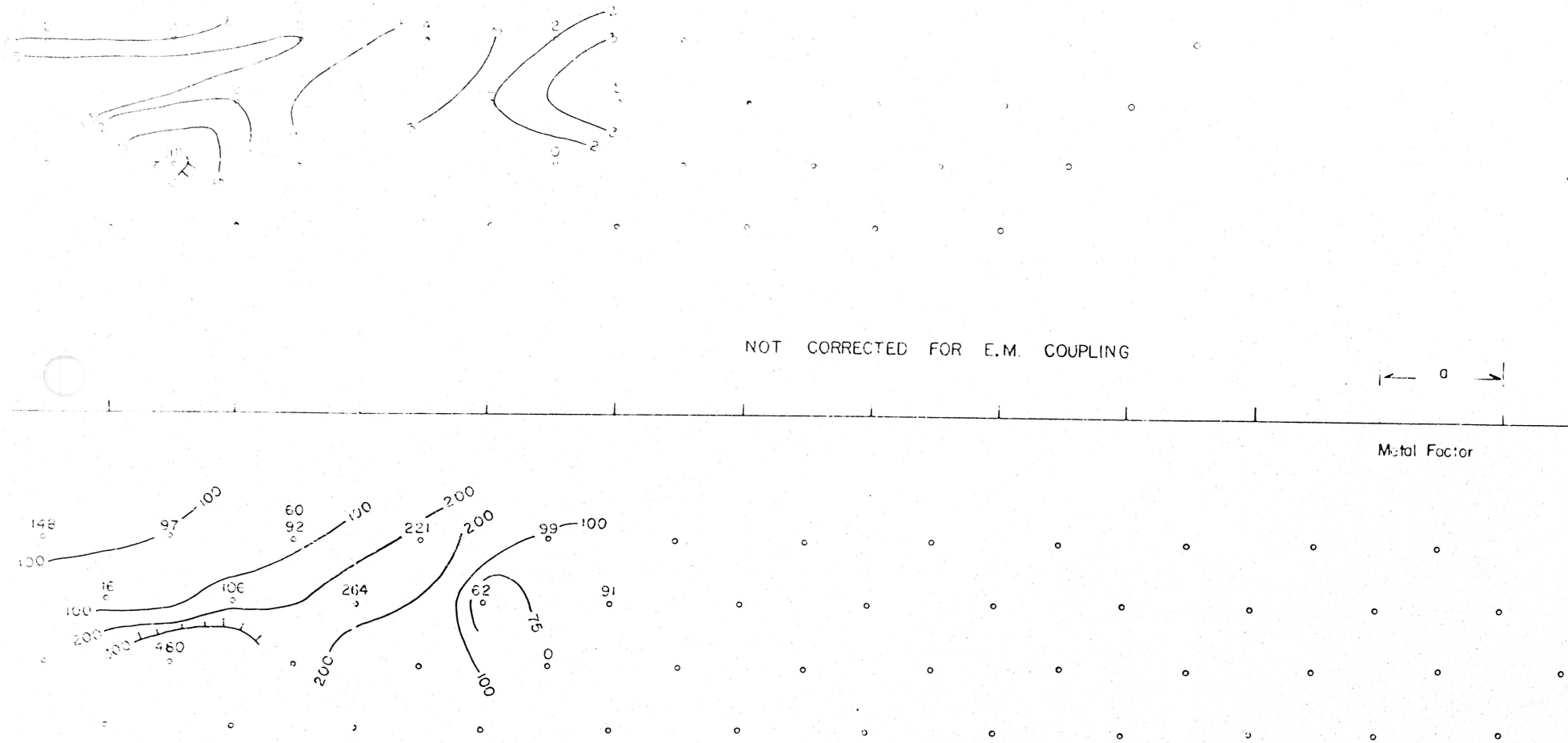


PHELPS-DODGE CORPORATION

GEOPHYSICAL RESEARCH and EXPLORATION DEPARTMENT

INDUCED POLARIZATION and RESISTIVITY TRAVERSE

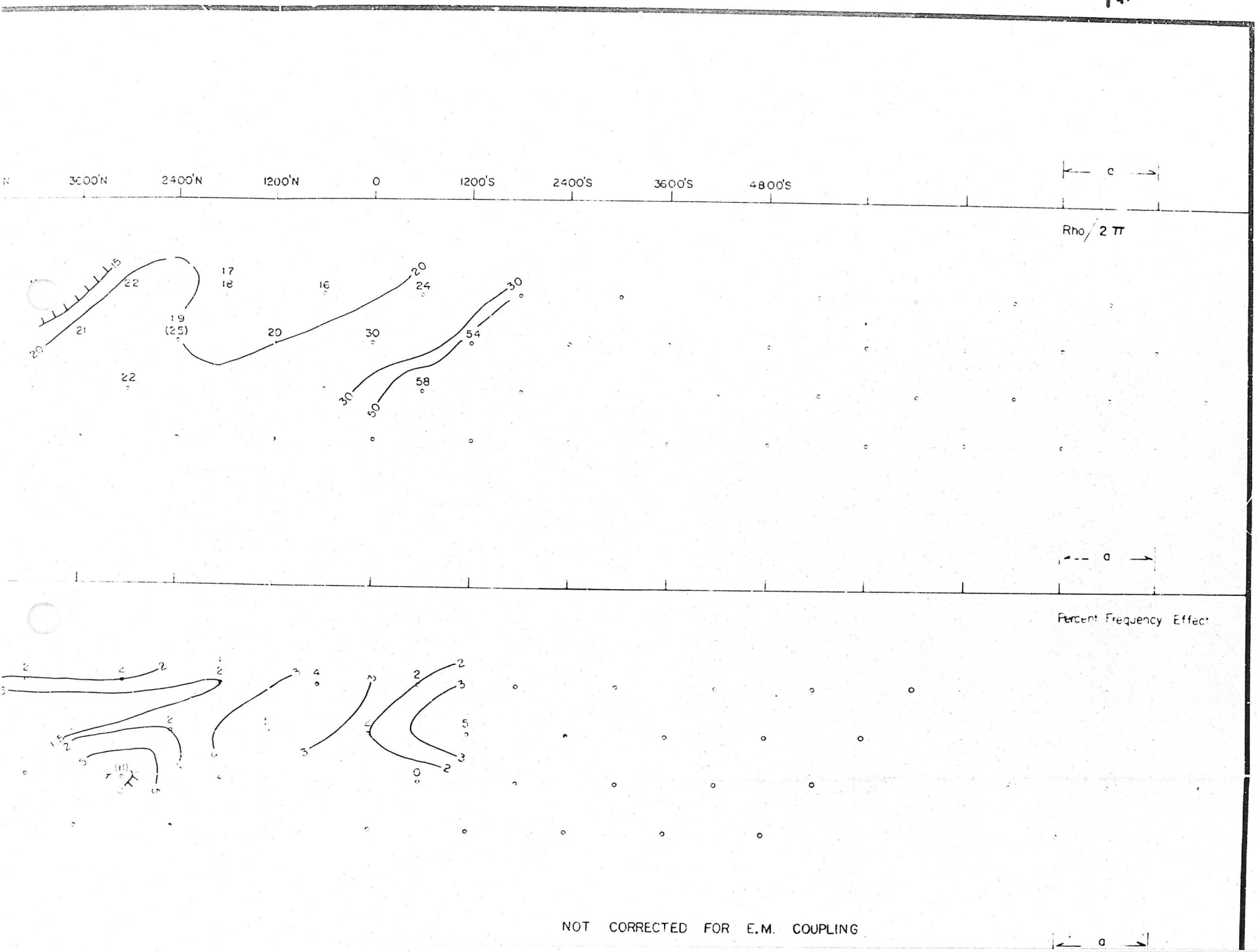
PROJECT: SHEEP MOUNTAIN LINE: 1500 W

SCALE: c = 1200' DATE: JUNE, 1963

Fig. 11

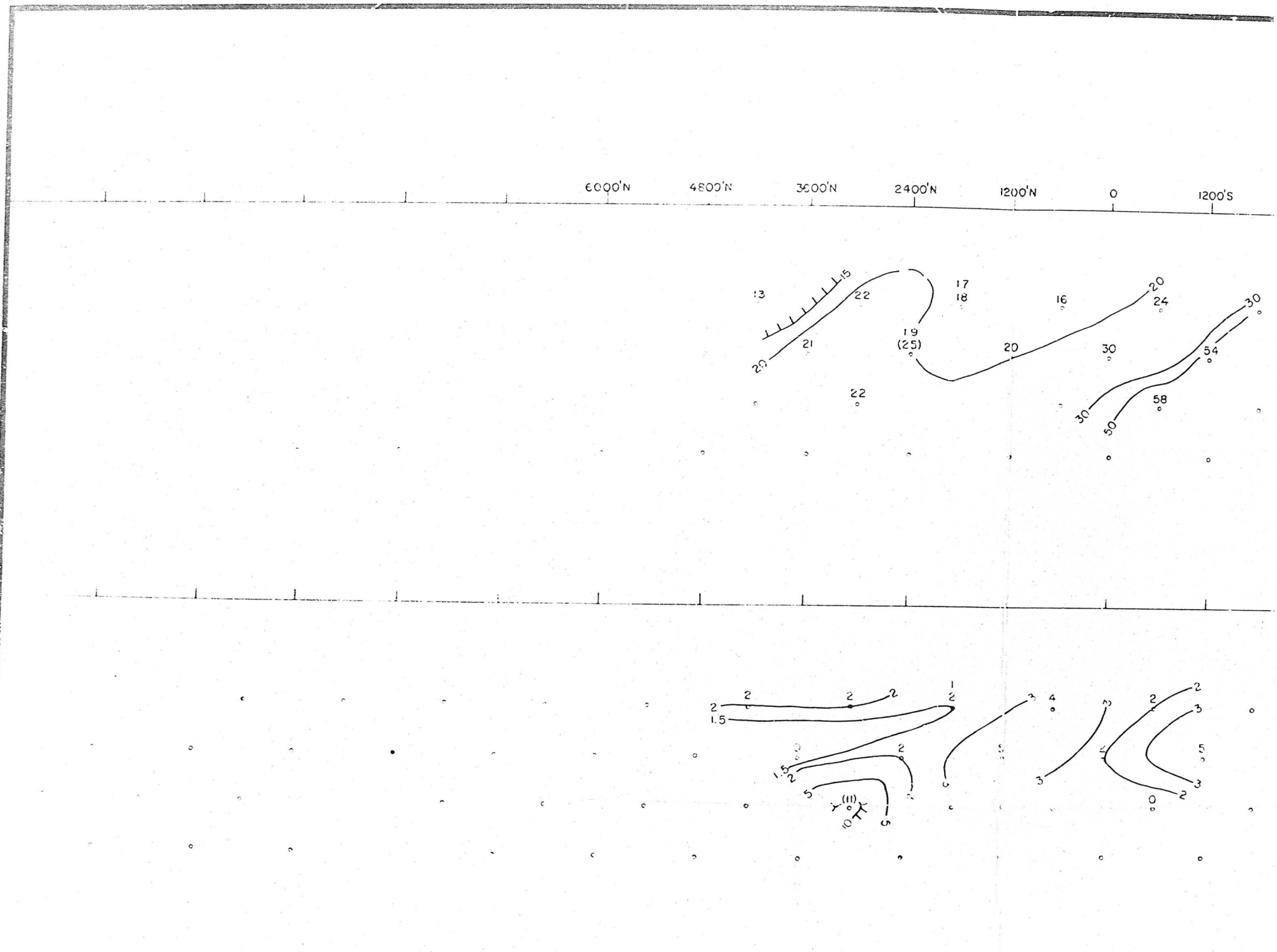
S.E. Fig. 11

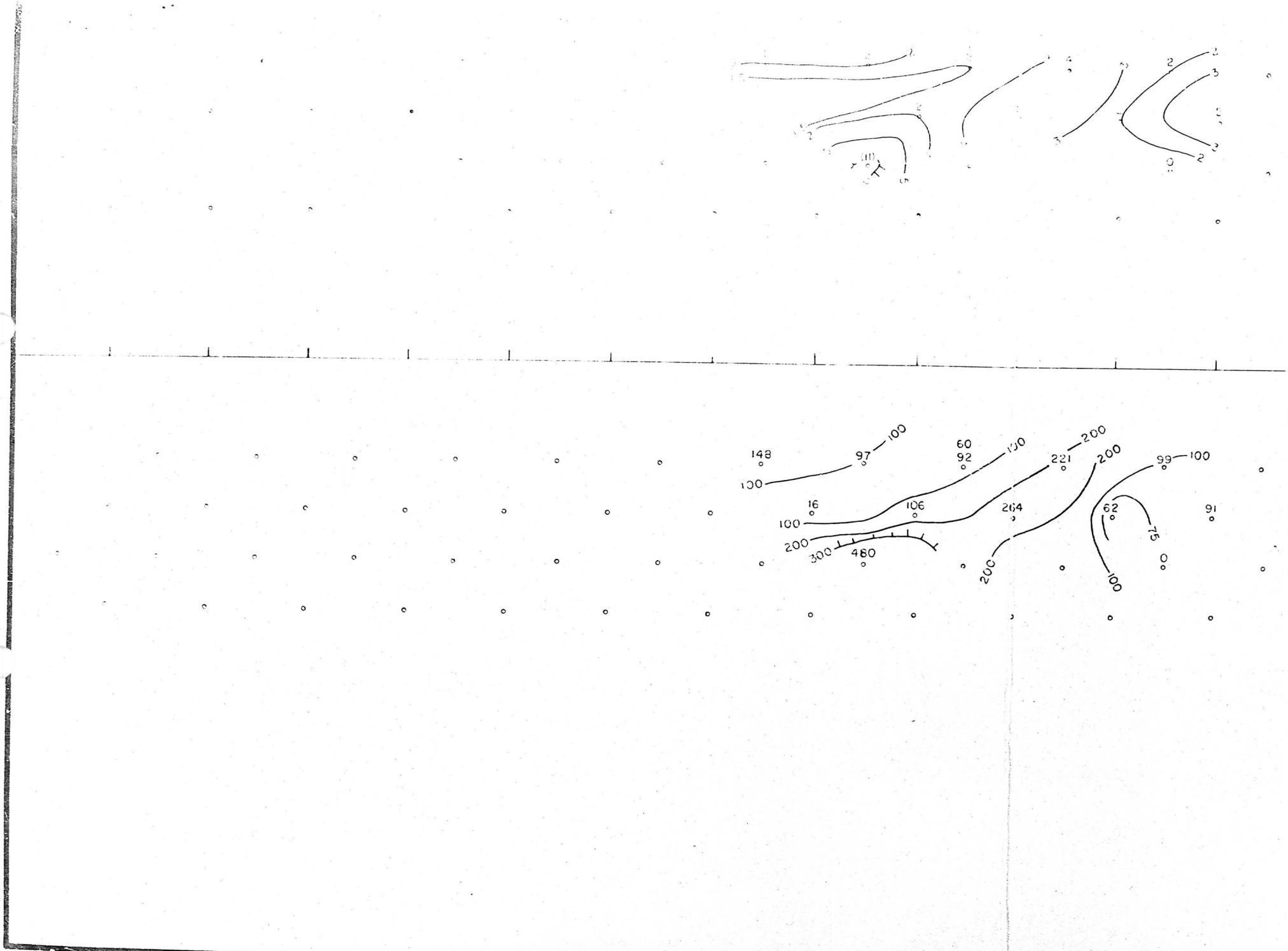
N.E. Fig. 11



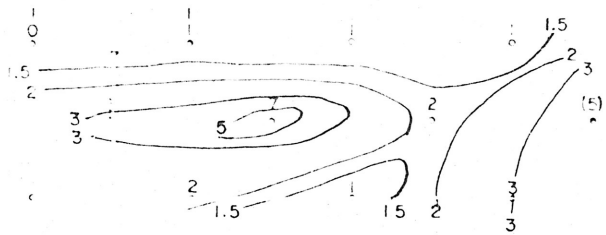
NOT CORRECTED FOR E.M. COUPLING

N.W. Fig. 11




148
97
100
100
60
92
100
221
200
200
99
100
16
106
264
62
91
100
200
300
480
200
100
75
0

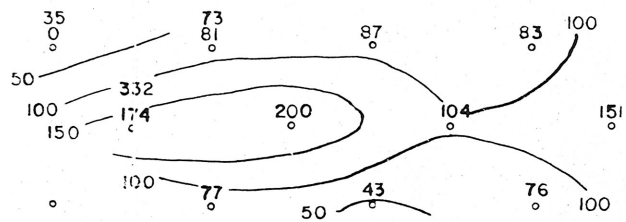
SW. Fig. 11



NOT CORRECTED FOR E.M. COUPLING

a

Metal Factor



PHELPS-DODGE CORPORATION

GEOPHYSICAL RESEARCH and EXPLORATION DEPARTMENT

INDUCED POLARIZATION and RESISTIVITY TRAVERSE

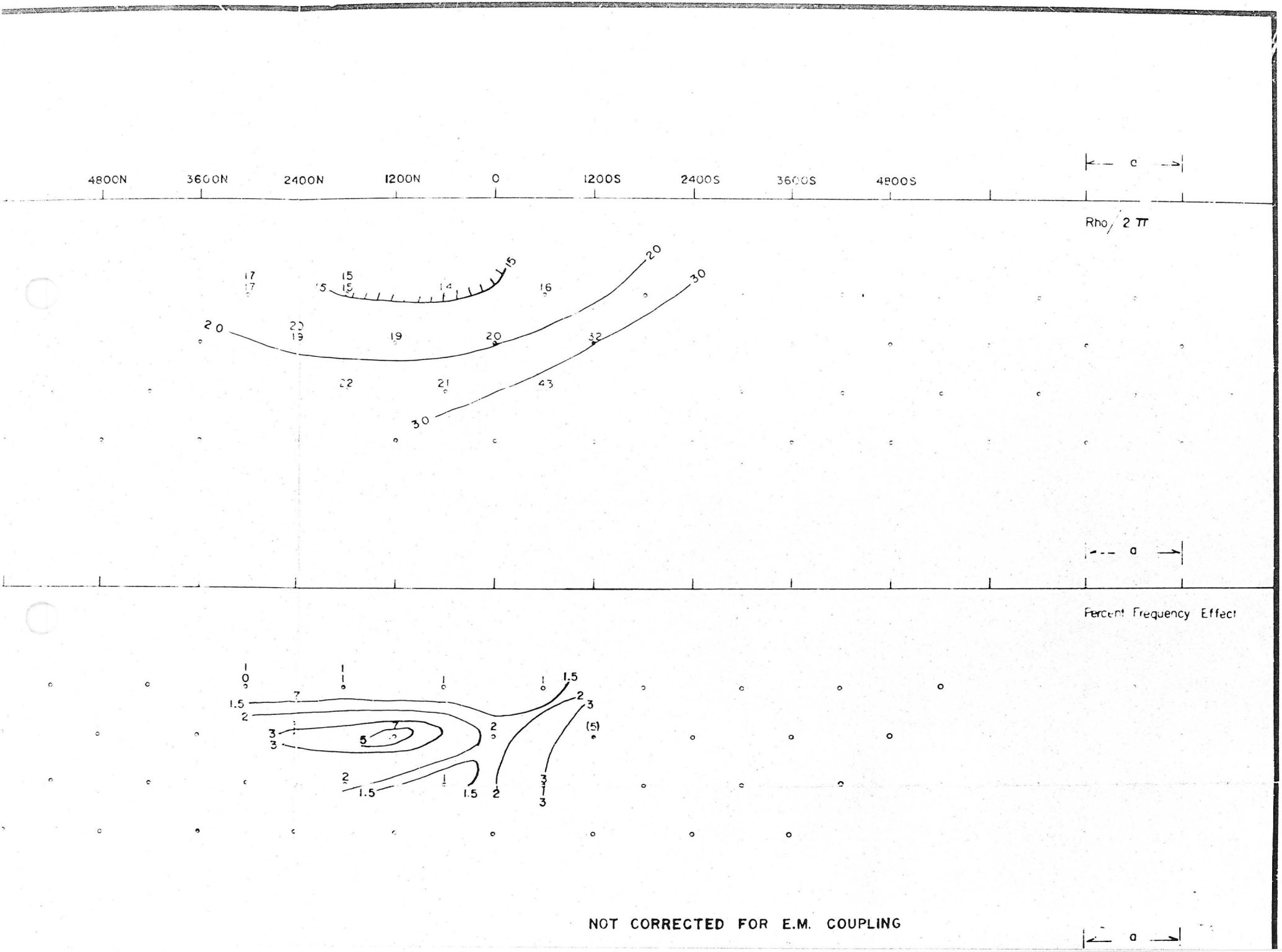
PROJECT: SHEEP MOUNTAIN LINE: 2750W

SCALE: c = 1200 DATE: 5 MAY, 1963

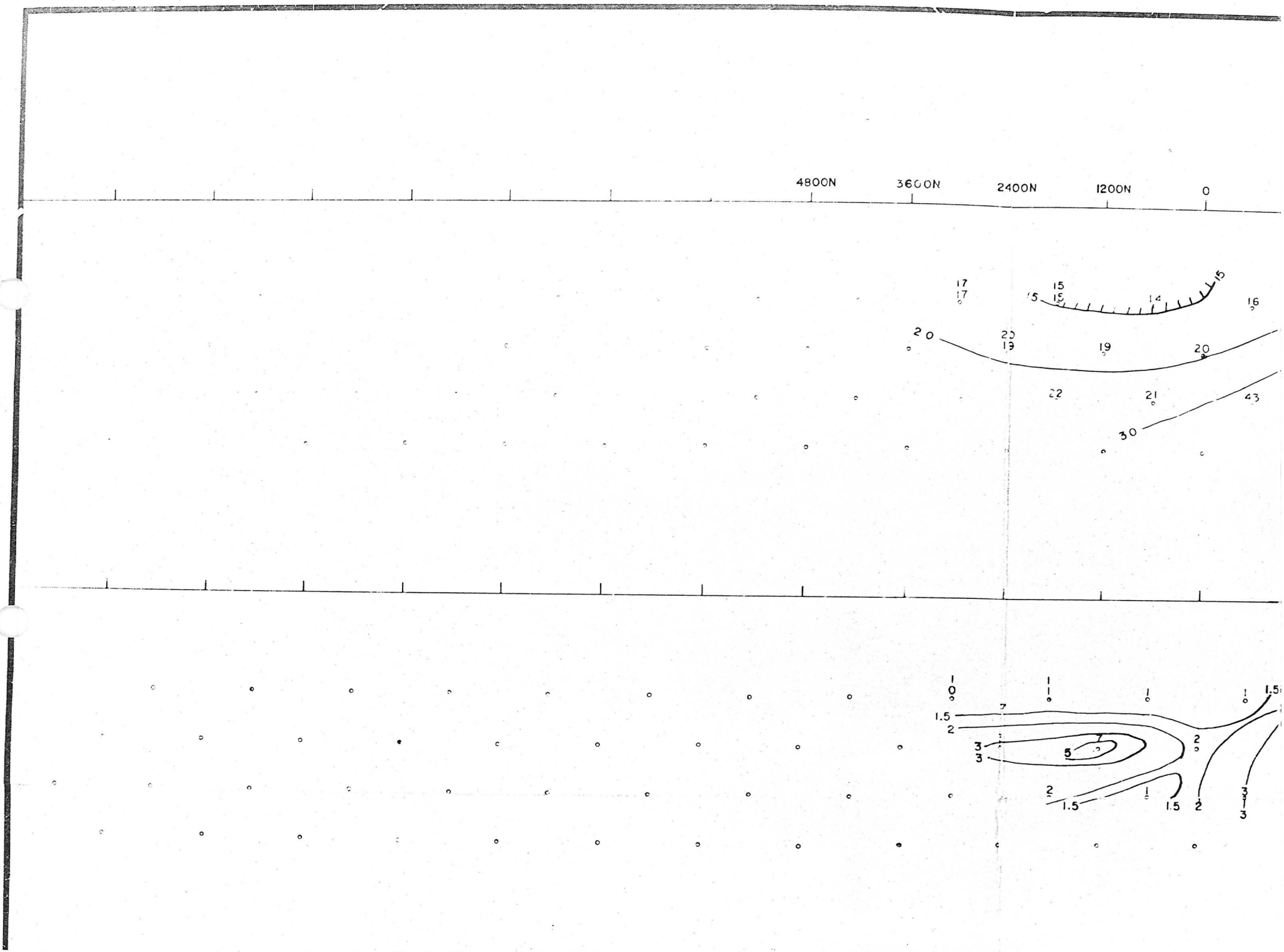
Fig. 12

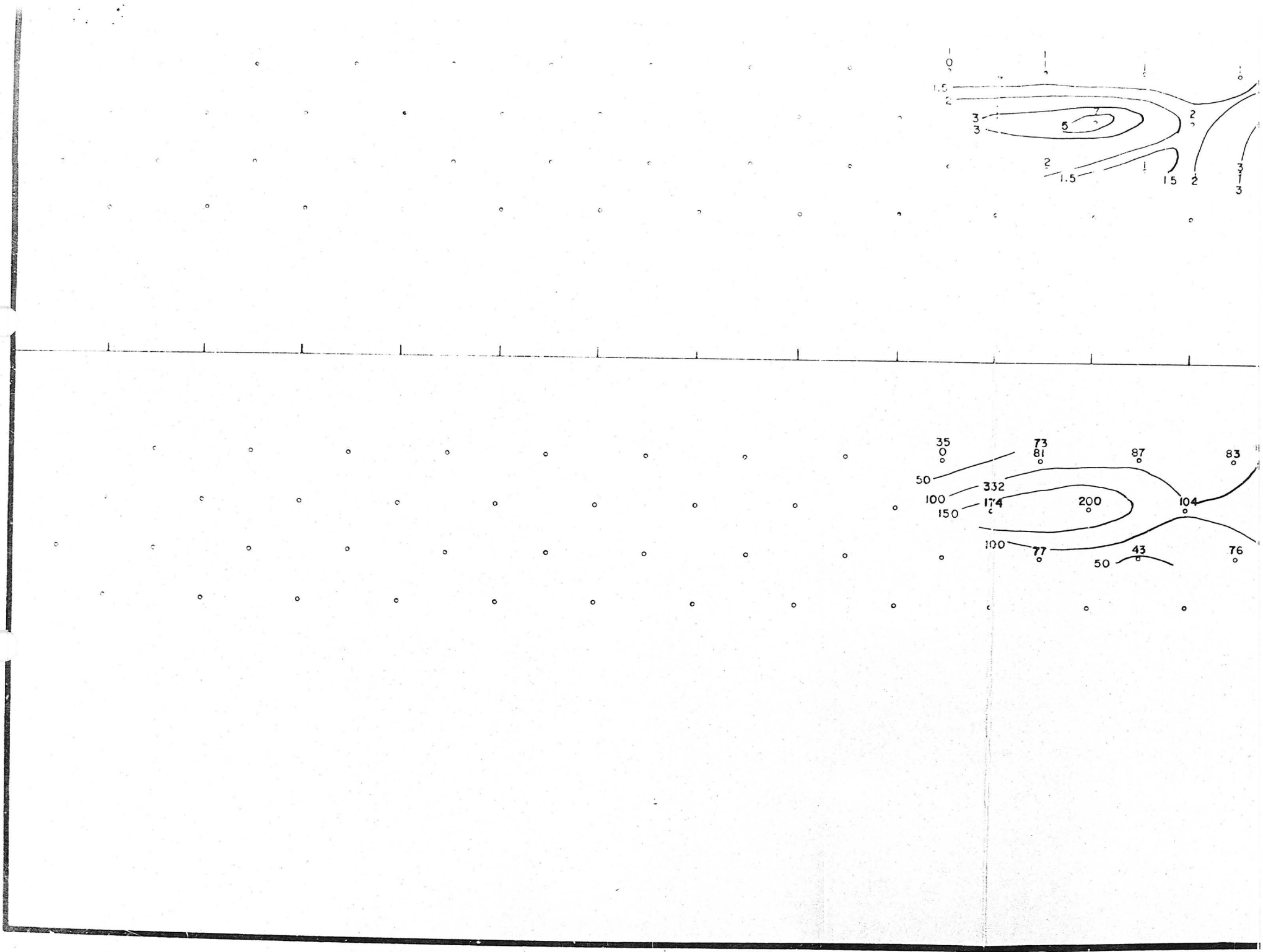
S.E. Fig 12

N.E. Fig 12


4800N
3600N
2400N
1200N
0
1200S
2400S
3600S
4800S
a
Rho/2 π
Percent Frequency Effect
NOT CORRECTED FOR E.M. COUPLING

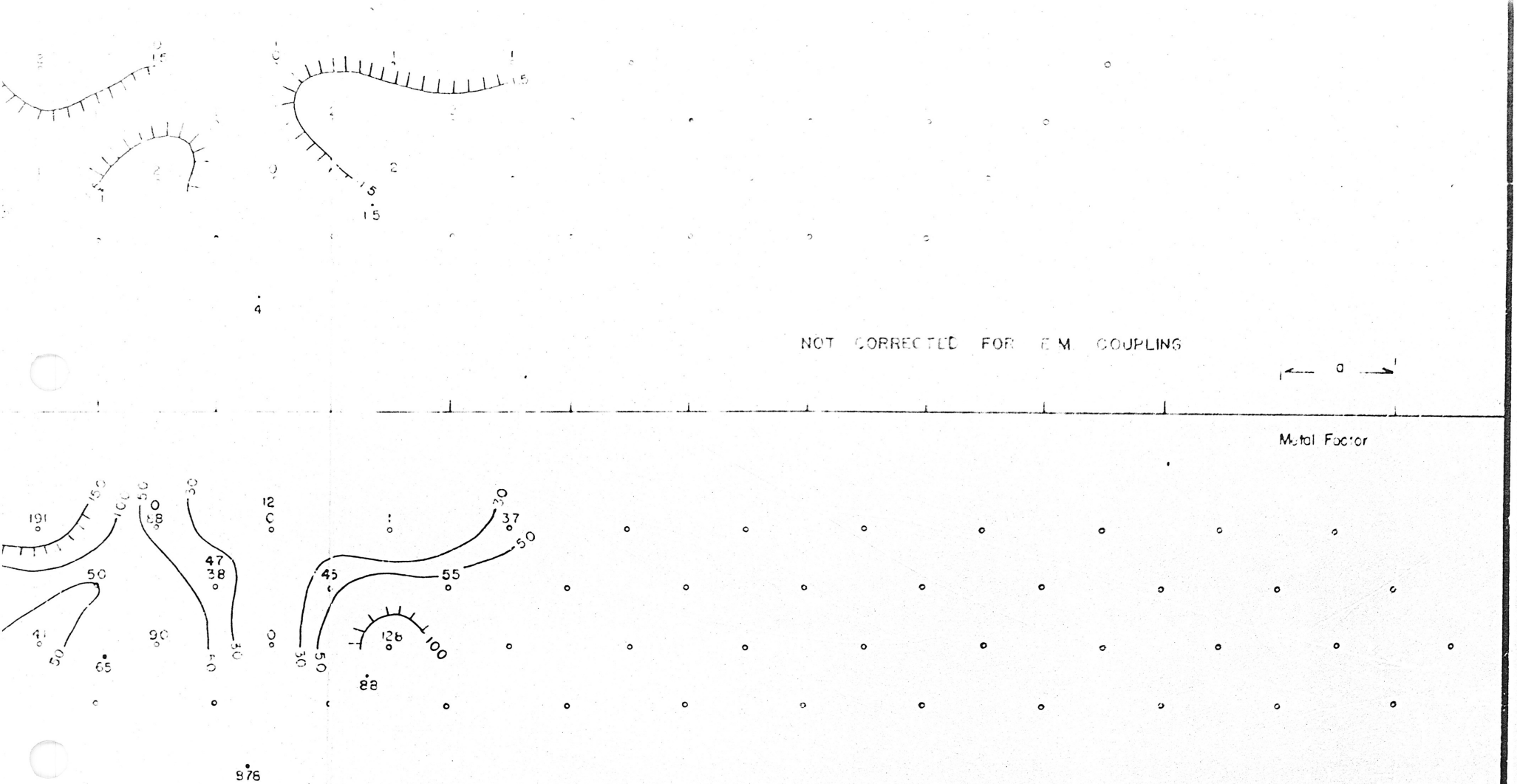
N.W. Fig.12





0
1.5
2
3
3
5
7
2
2
1.5
1
1.5
2
3
3
35
0
73
81
87
83
50
332
100
174
200
104
150
100
77
43
76
50

S.W. Fig. 12



PHELPS-DODGE CORPORATION

GEOPHYSICAL RESEARCH and EXPLORATION DEPARTMENT

INDUCED POLARIZATION and RESISTIVITY TRAVERSE

PROJECT: SHEEP MOUNTAIN

LINE: 8800 W

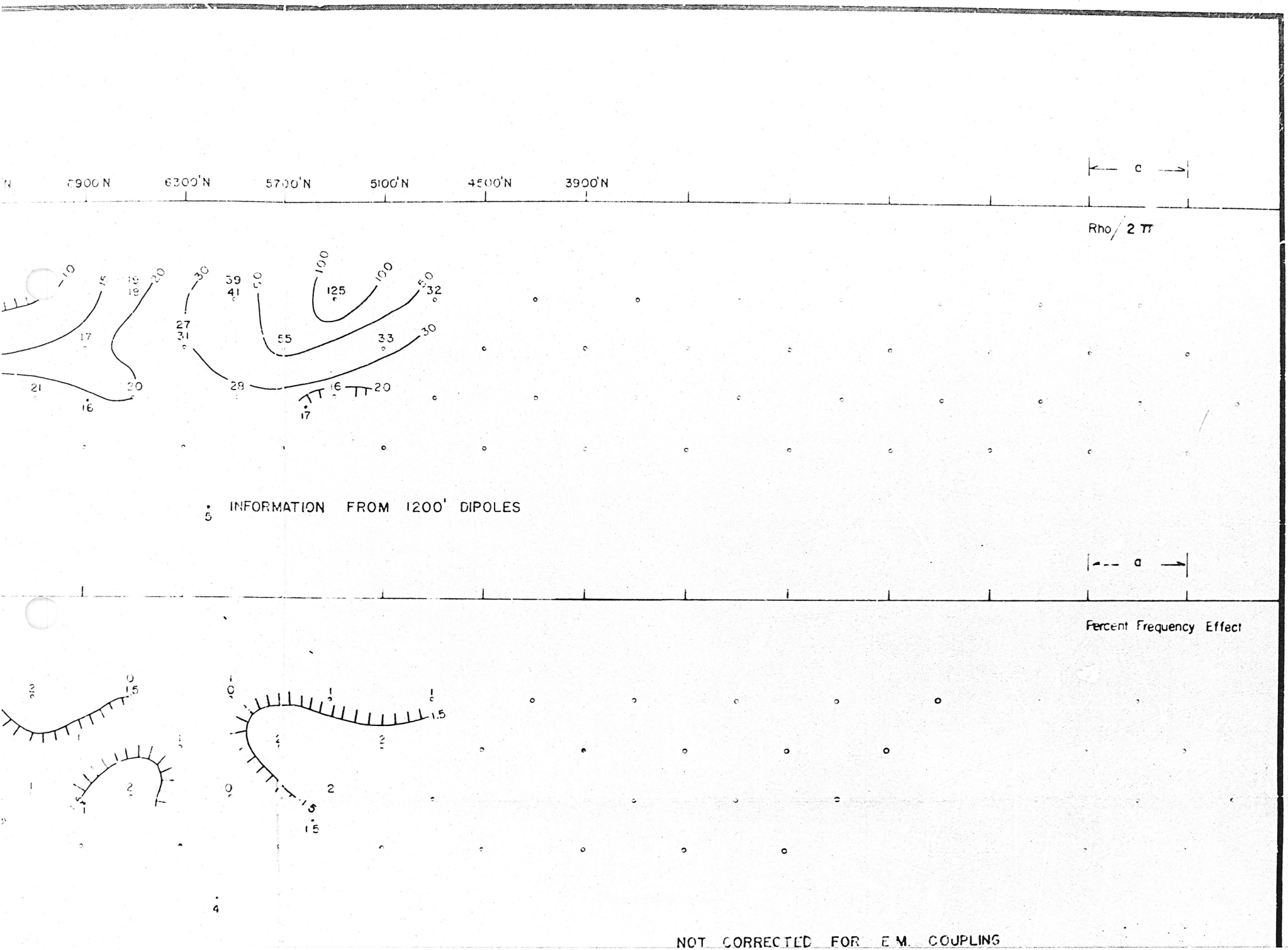
SCALE: c = 600'

DATE: JUNE, 1963

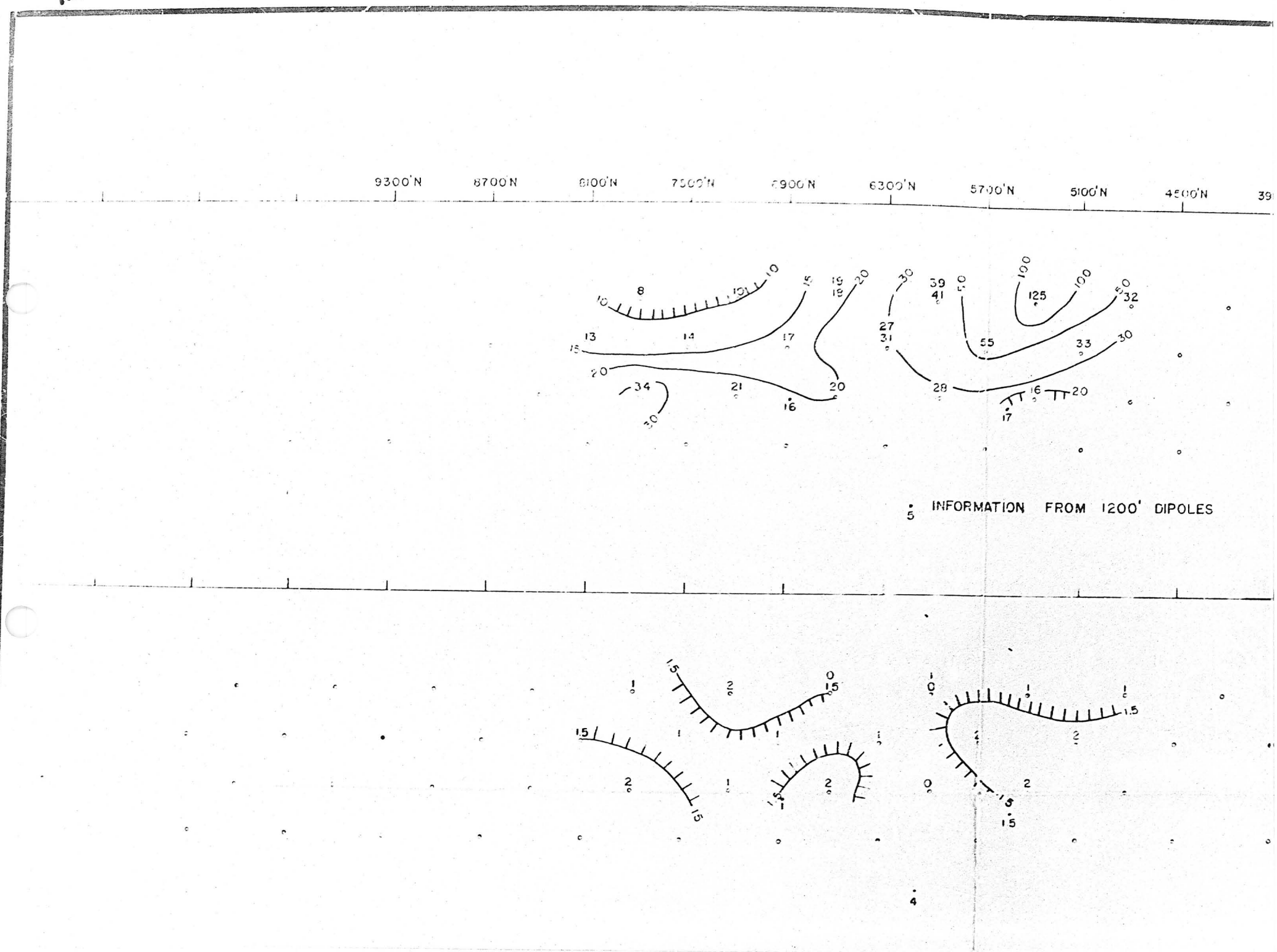
Fig. 13

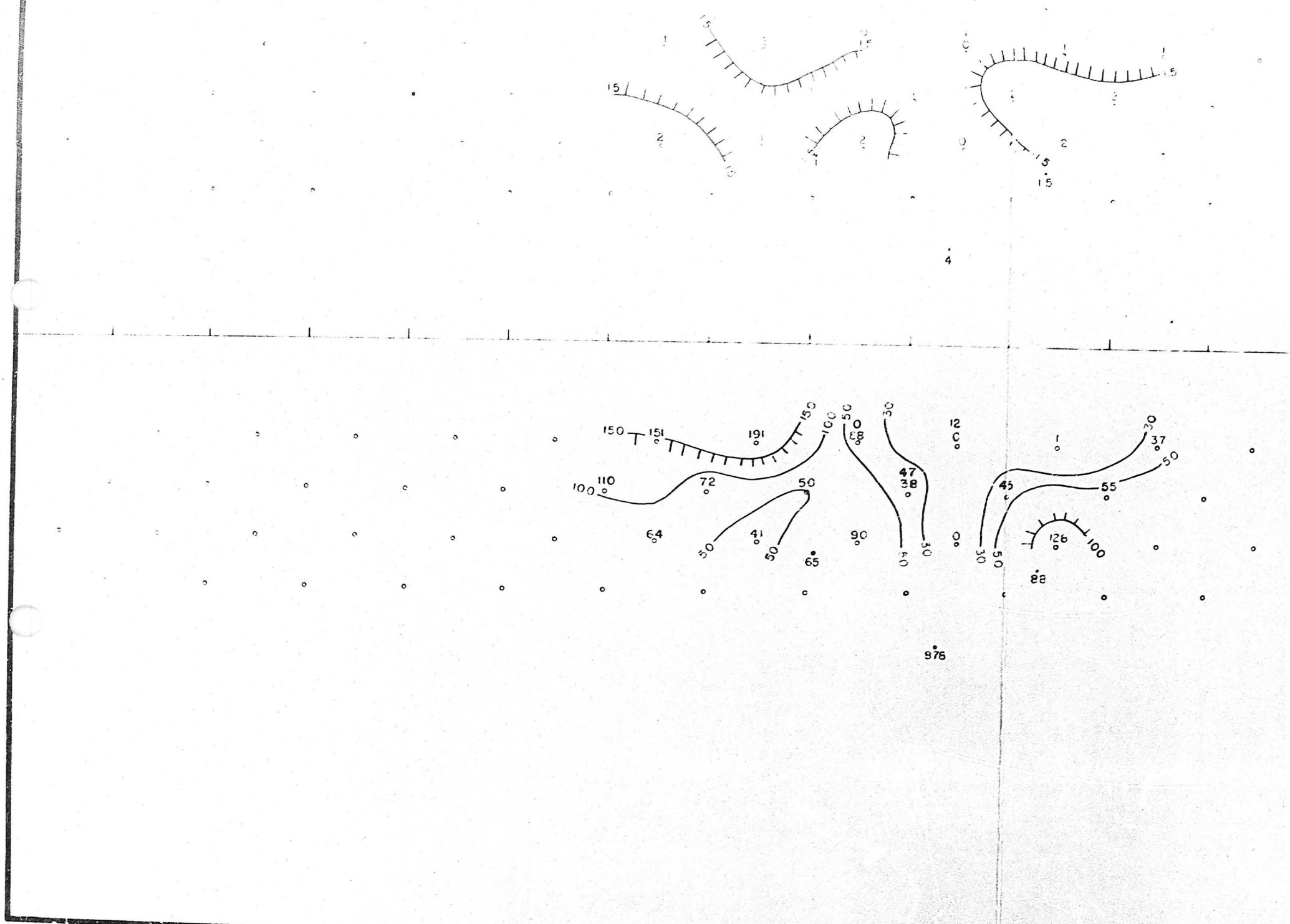
S.E. Fig. 13

N.E. Fig. 13


6900'N
6300'N
5700'N
5100'N
4500'N
3900'N
a
Rho/2π
INFORMATION FROM 1200' DIPOLES
a
Percent Frequency Effect
NOT CORRECTED FOR E.M. COUPLING

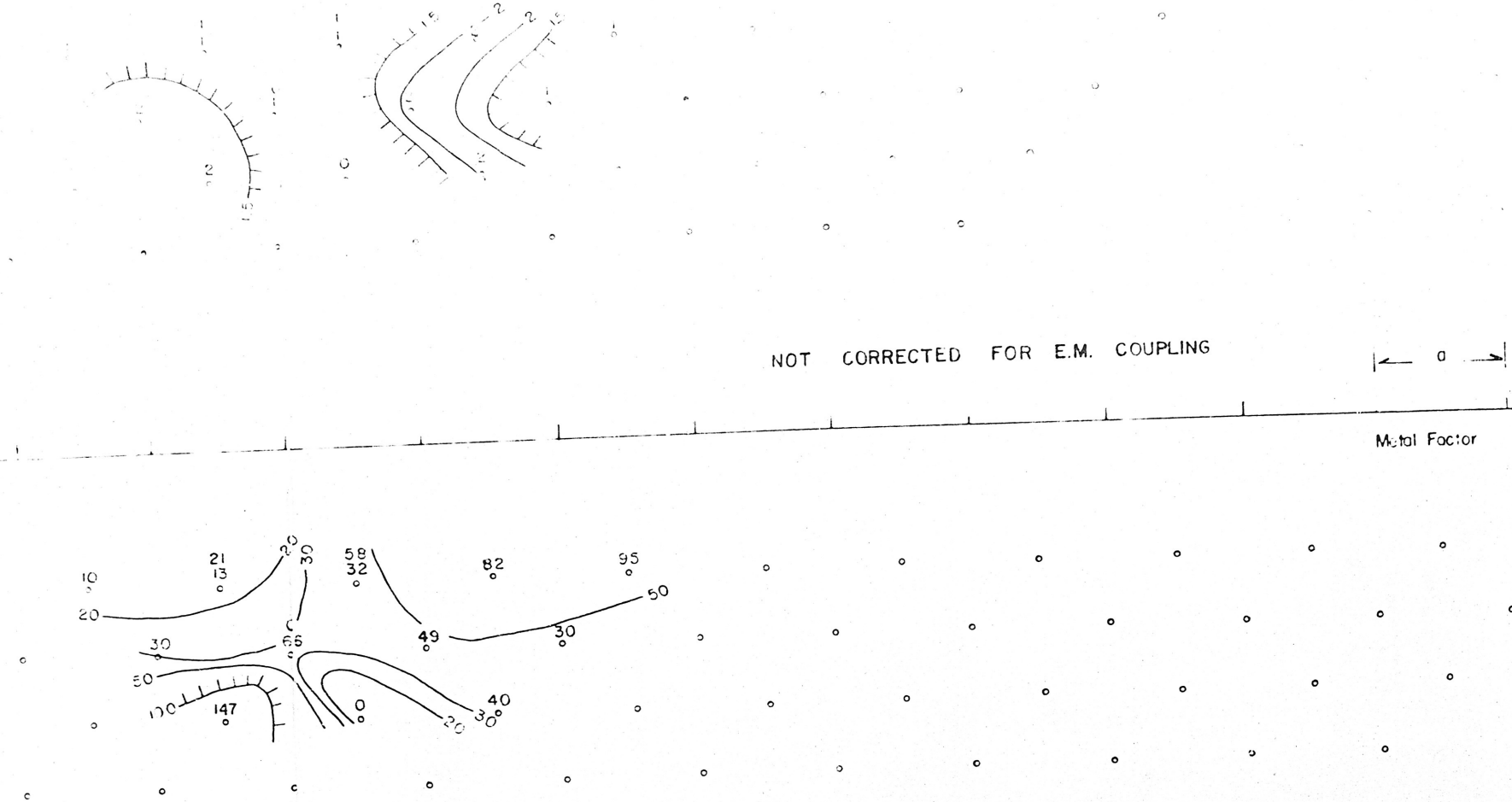
NW. Fig. 13


9300'N
8700'N
8100'N
7500'N
6900'N
6300'N
5700'N
5100'N
4500'N
INFORMATION FROM 1200' DIPOLES



150
151
191
150
100
50
0
88
30
12
0
1
30
37
50
110
100
72
50
47
38
45
55
64
41
50
50
65
90
50
30
0
30
50
126
100
88
976

S.W. Fig. 13



PHELPS-DODGE CORPORATION

GEOPHYSICAL RESEARCH and EXPLORATION DEPARTMENT

INDUCED POLARIZATION and RESISTIVITY TRAVERSE

PROJECT: SHEEP MOUNTAIN

LINE: 5350N

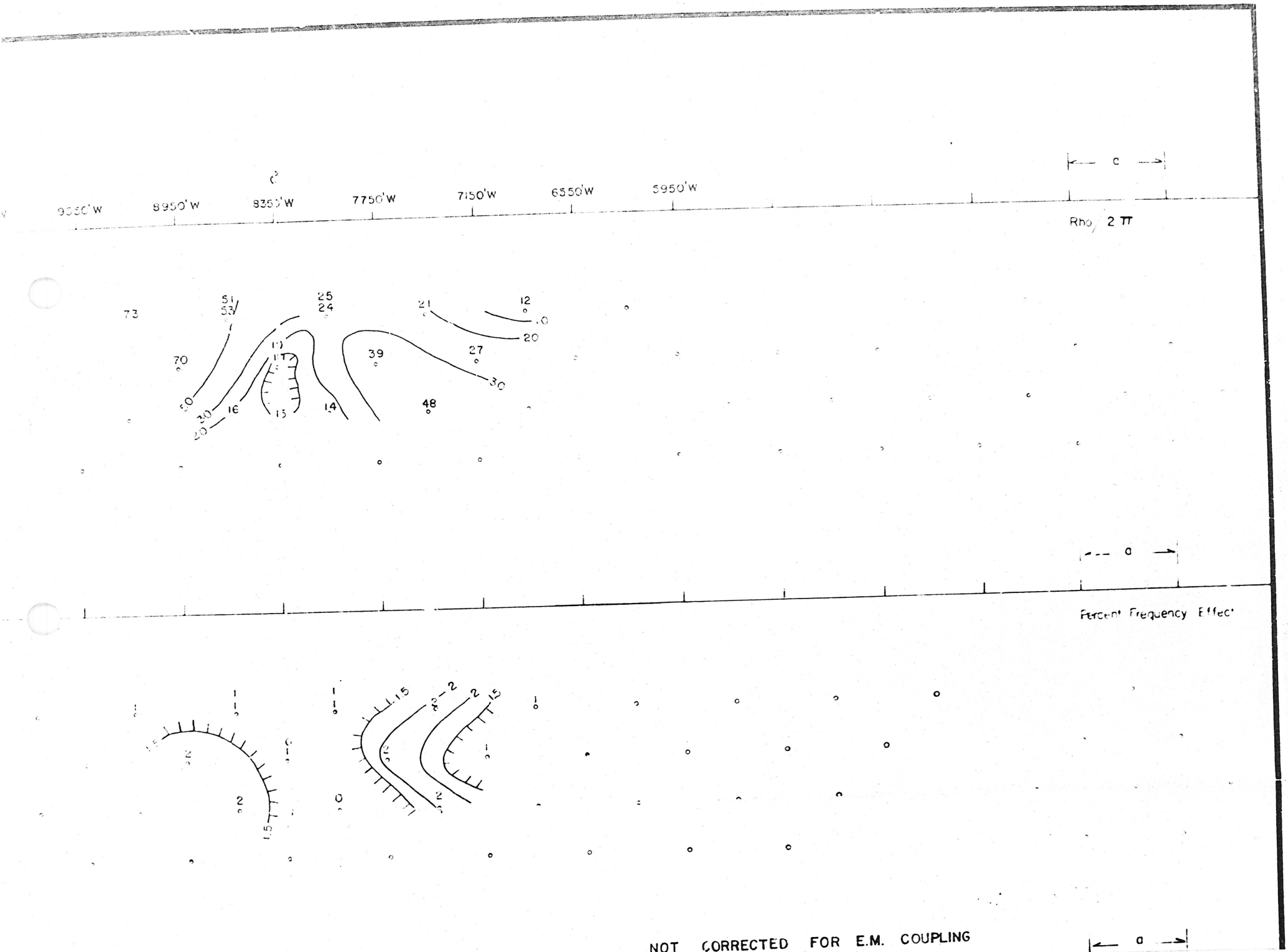
SCALE: c = 600'

DATE: JUNE, 1963

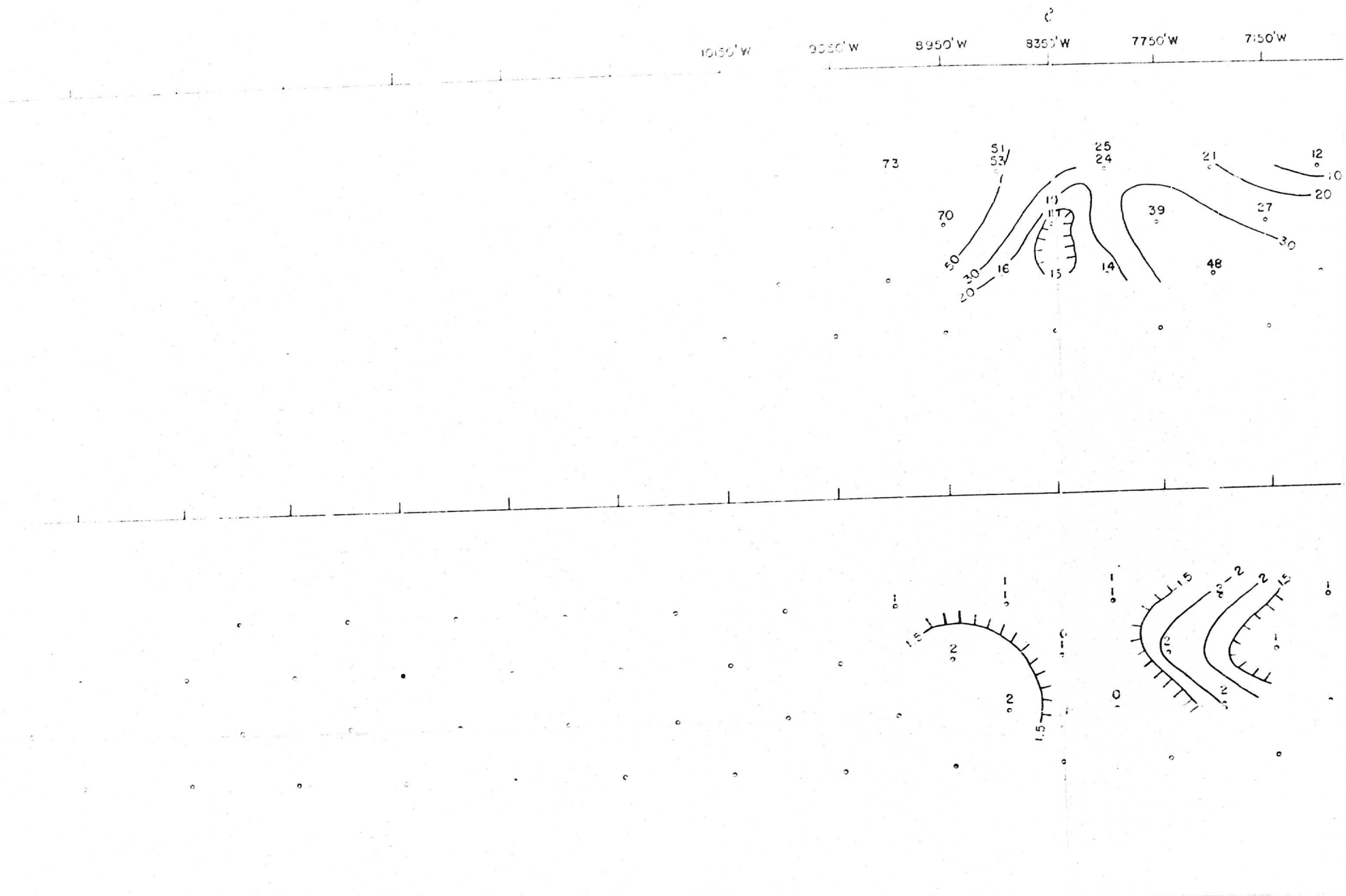
SE, Fig. 14

Fig. 14

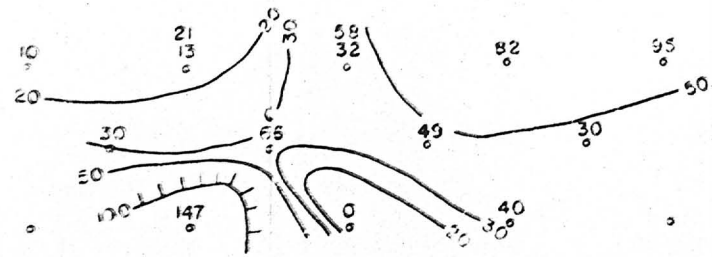
N.E. Fig. 14


9550'W
8950'W
8350'W
7750'W
7150'W
6550'W
5950'W
c
Rho, 2 π
a
Percent Frequency Effect
NOT CORRECTED FOR E.M. COUPLING
a

N.W. Fig. 14



10150'W
9050'W
8950'W
8350'W
7750'W
7150'W
73
51
53
25
24
21
12
10
20
70
39
27
30
50
30
20
16
15
14
48
1
1.5
2
2
1.5
1
1.5
2
2
1.5
1
0
2



S.W. Fig. 14