

232001

Part One



Mount Black I.P. Surveys.

E.L. 1/62

E.Z. Co. of A'Asia Ltd.

MICROFILMED

65-407

232E/1

TASMANIA DEPARTMENT OF MINES

ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LTD.

WEST COAST DEPARTMENT

MICROFILMED

ROSEBERY, TASMANIA

Telegraphic Address

"ZINCORE"

Postal Address

P.O. Box 21

ROSEBERY

Phone:

ROSEBERY

P.M. S & A C.C. DEPT. ACIM & E.
 22 NOV 1965
 REF. NO. 6534/65

OPEN FILE
6th November, 1965.

Reference our letter of 9th November, 1965.

Subject:- Exploration Licence No. 1/62 Mount Black

INDUCED POLARISATION SURVEYS.

MOUNT BLACK AREA

Vol I

LINE

SPREADS

22N	400 ft.
30N	400 ft.
38N	400 ft.
46N	400 ft.
46N	400 ft.
54N	400 ft.
62N	400 ft.

NATONE AREA

Magazine	200 ft.
Magazine	200 ft.
4E	400 ft.
25S	200 ft.
25S	300 ft.
25S	400 ft.
42S	400 ft.
50S	200 ft.
50S	300 ft.
58S	400 ft.
67S	200 ft.
67S	400 ft.
75S	200 ft.
83S	100 ft.

NATONE AREA

<u>LINE</u>	<u>SPREADS</u>
83S ·	200 ft.
83S ·	400 ft.
92S ·	400 ft.
100S ·	200 ft.
100S ·	300 ft.
108S ·	100 ft.
108S ·	200 ft.
108S ·	200 ft.
108S ·	400 ft.
180S ·	100 ft.
180S ·	200 ft.
180S ·	300 ft.
205S ·	400 ft.

TULLAH AREA

C.L. ·	300 ft.
12N ·	300 ft.
28N ·	300 ft.
8S ·	300 ft.
12S ·	300 ft.
28S ·	300 ft.
40S ·	200 ft.

RED HILLS AREA

32S ·	300 ft.
52S ·	200 ft.
70S ·	300 ft.

STERLING VALLEY AREA

4N ·	300 ft.
8N ·	300 ft.
16N ·	300 ft.
20N ·	300 ft.
24N ·	300 ft.
32N ·	300 ft.

STERLING VALLEY AREA

<u>LINE</u>	<u>SPREADS</u>
40N .	300 ft.
48N .	300 ft.
0+00 C.L. .	300 ft.
4S .	300 ft.
12S .	300 ft.
20S .	300 ft.
<u>Vol II</u> 24S .	200 ft.
28S .	300 ft.
32S .	300 ft.
36S .	300 ft.
44S .	300 ft.

ROSEBERRY AREA

3N .	200 ft.
8N .	200 ft.
Magazine .	400 ft.
Magazine .	400 ft.
Magazine .	400 ft.
Magazine .	100 ft.
Magazine .	400 ft.
Magazine .	200 ft.
Koonya .	400 ft.
Koonya .	200 ft.
Pieman .	400 ft.
3S .	200 ft.
8S .	200 ft.
8S .	400 ft.
12S .	200 ft.
20S .	200 ft.
25S .	400 ft.
50S .	400 ft.
75S .	400 ft.
80S .	400 ft.
80S .	800 ft.
100S .	400 ft.

003

65-407

- 4 $\frac{3}{8}$

232005

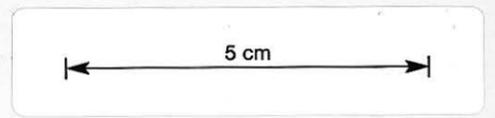
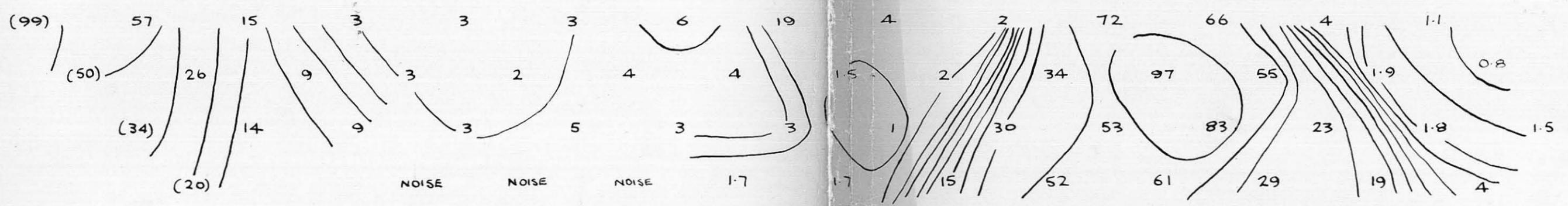
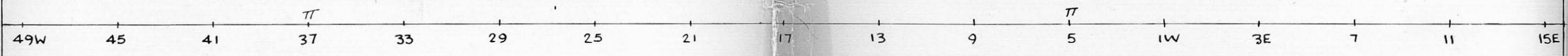
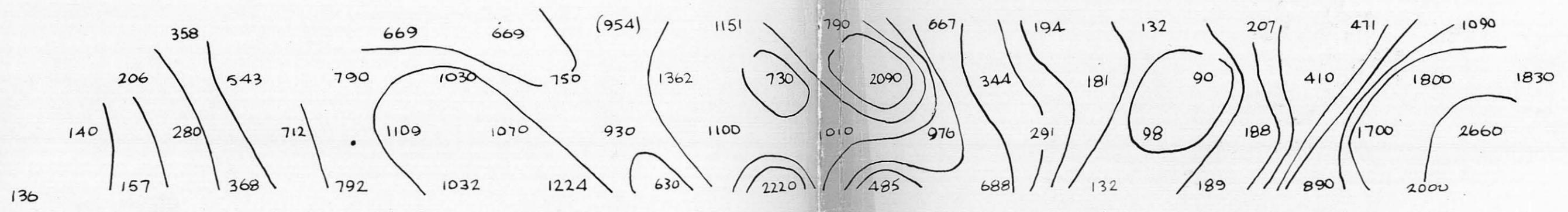
ROSEBERY AREA

<u>LINE</u>	<u>SPREADS</u>
1258 .	400 ft.
1508 .	400 ft.
1808 .	400 ft.

oooo0oooo

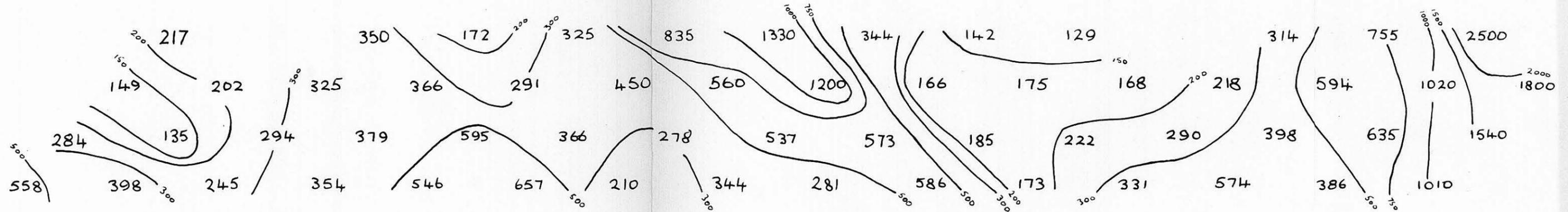
Maps

1. Red Hills Region Surface
2. Rosebery Region Surface .



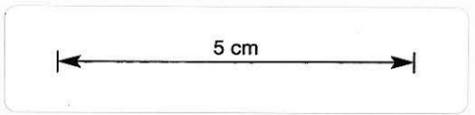
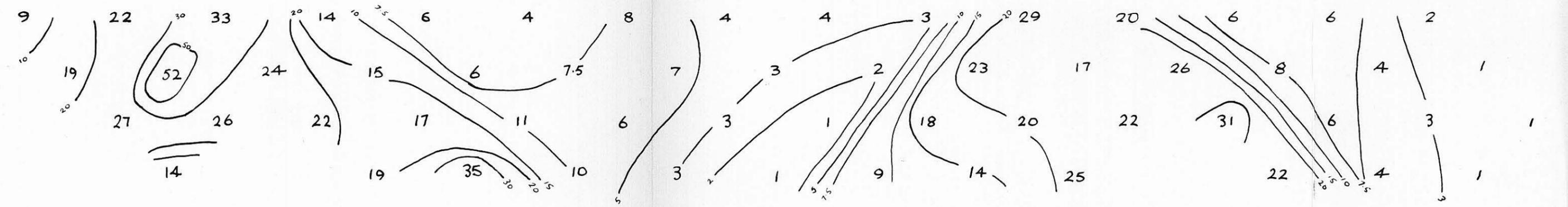
* SET-UP ON EASTERN END RUN WITH ALL POWER OFF.
 () INDICATES: HIGH NOISE LEVEL WHICH MASKS THE TRUE FREQUENCY EFFECT.

I. P. SURVEY.
 Mt Black Area
 Line 22N Mt. Black. Grid
 400 ft Spreads
 Scale 400ft to inch
 Frequency $2\frac{1}{2} + \frac{1}{4}$
 Survey BH. & ED.
 Traced VT Date 2/62.



π π π

50W 46 42 38 34 30 26 22 18 14 10 6 2W 2E 6 10 14E

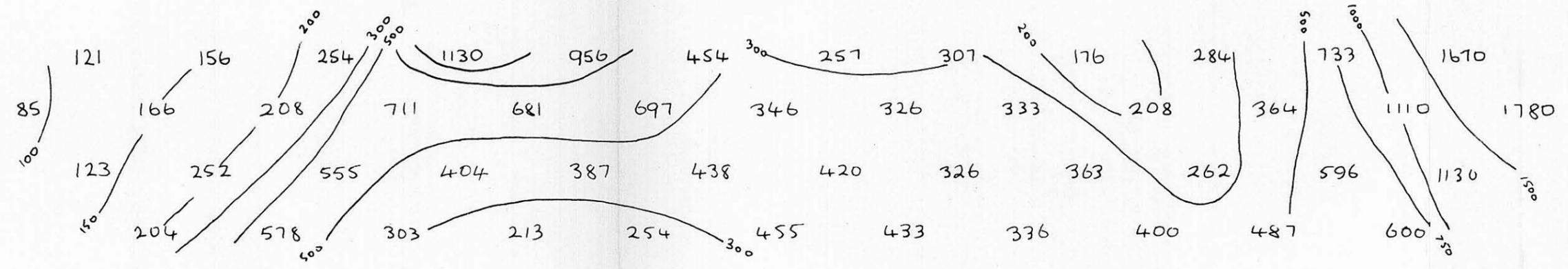


I. P. SURVEY.
 Mt. Black Area
 Line 38N Mt. Black Grid.
 400 ft Spreads
 Scale: 400ft to 1 inch.
 Frequency: 2 1/2 + 1/4 cps.
 Survey: B.H. & N.T.
 Traced: VT Date: 2/61.
 Line run with power off.

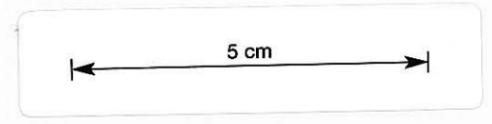
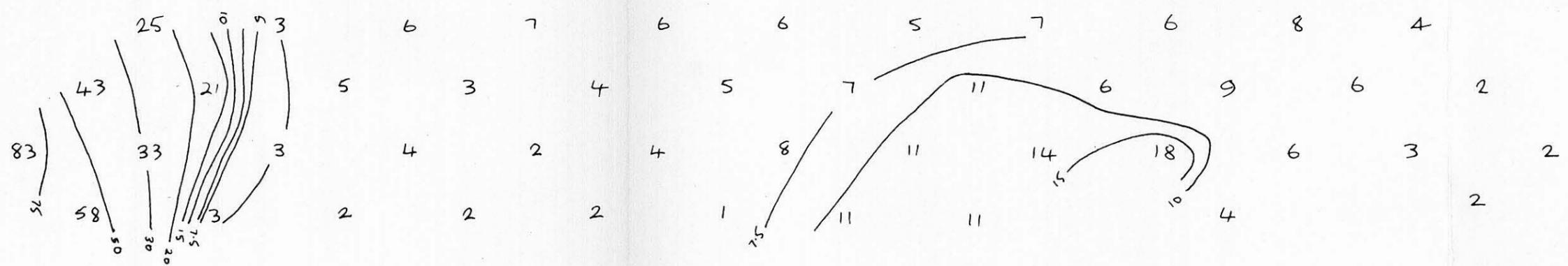
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232009

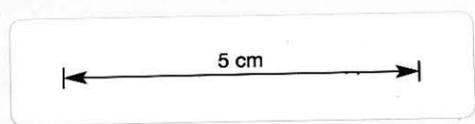
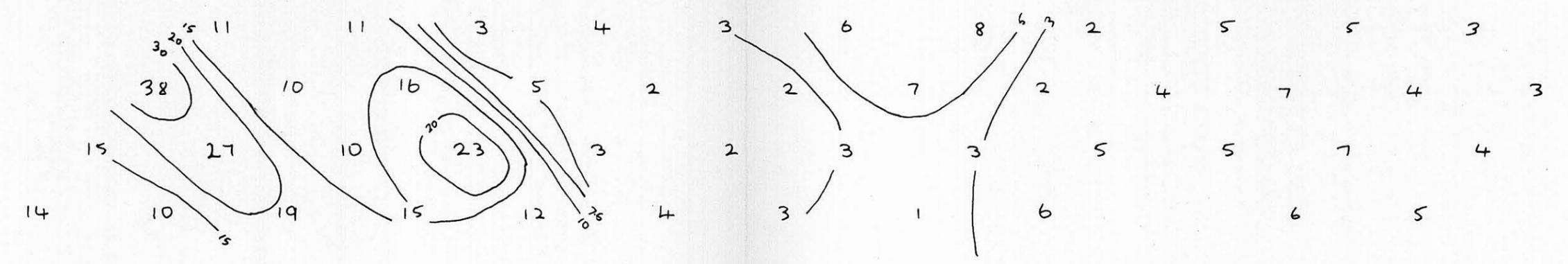
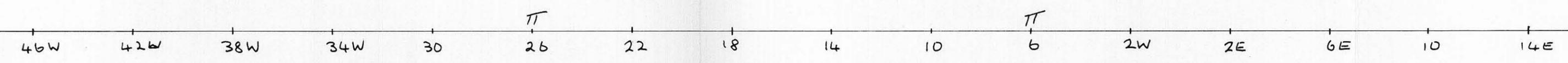
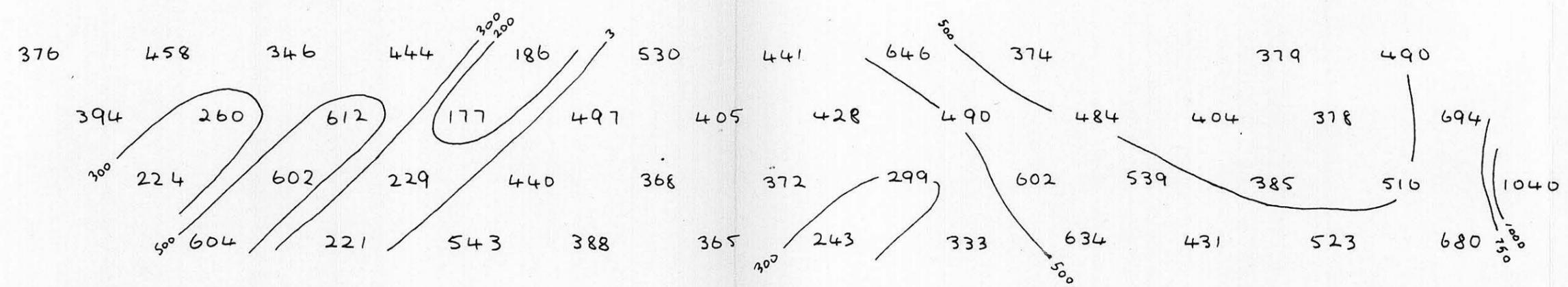
007



42W 38 34 30 26 22 18 14 18 6 2W 2E 6 10 14E



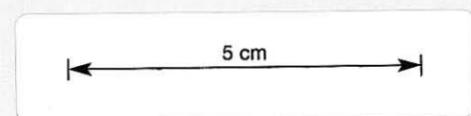
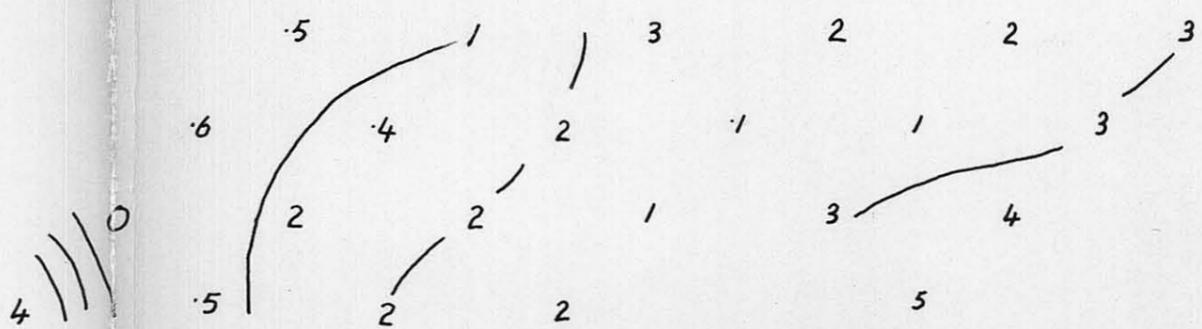
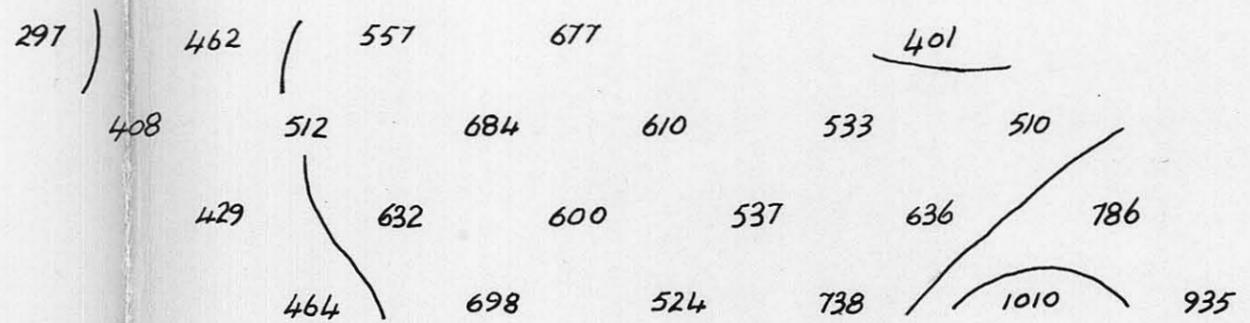
I P SURVEY
 Mt Black Area
 Line 46N Mt Black Grid
 400 ft Spreads
 Scale 400ft to 1 inch
 Frequency: 2 1/2 & 1/4 cps
 Survey B.H. & N.J.
 Traced: VT Date 3/61
 Line run with power off



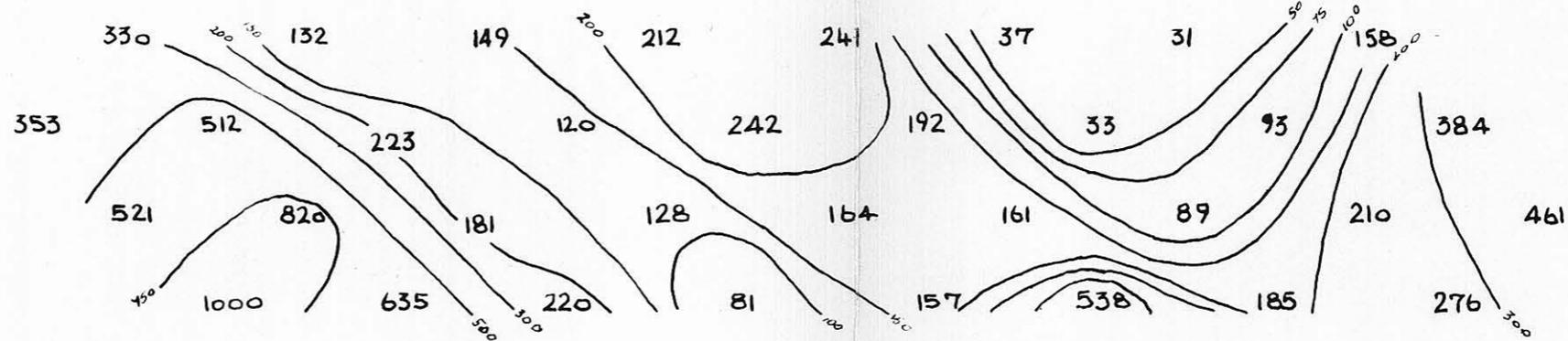
I. P. SURVEY
 Mt Black Area
 Line 54N Mt Black Grid
 400ft Spreads
 Scale: 400ft to 1 inch
 Frequency 2 1/2 * 1/4 cps
 Survey: B.H. & NT
 Traced: VT Date 3/61
 Line run with power off.

010

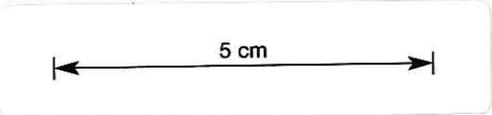
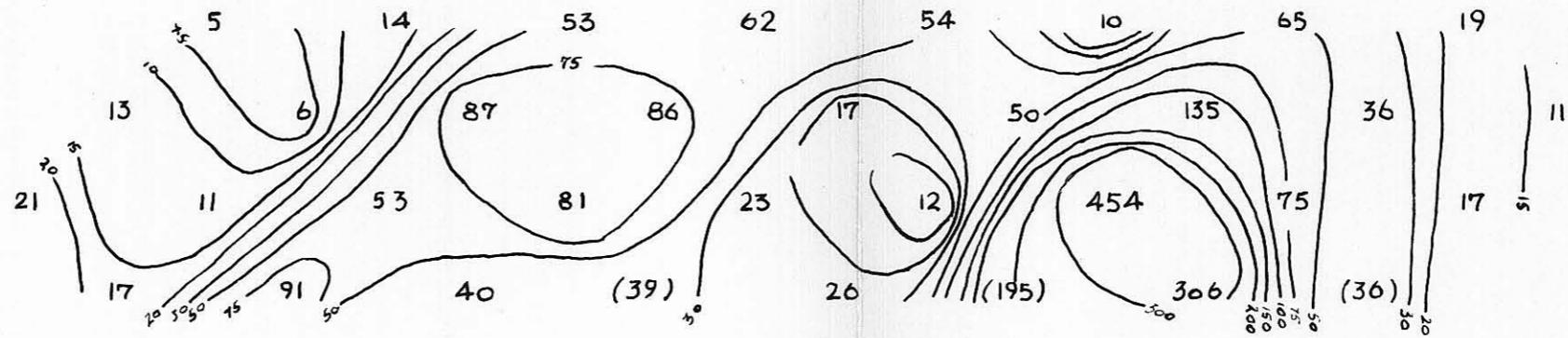
232012



I. P. SURVEY
 Mt Black Area
 Line 62 Mt Black Grid.
 400ft Spreads
 Scale: 400ft to 1 inch
 Frequency 2 1/2 + 1/4 cps
 Survey: BH. 8 NJ.
 Traced: V.T. Date 3/61
 65-407

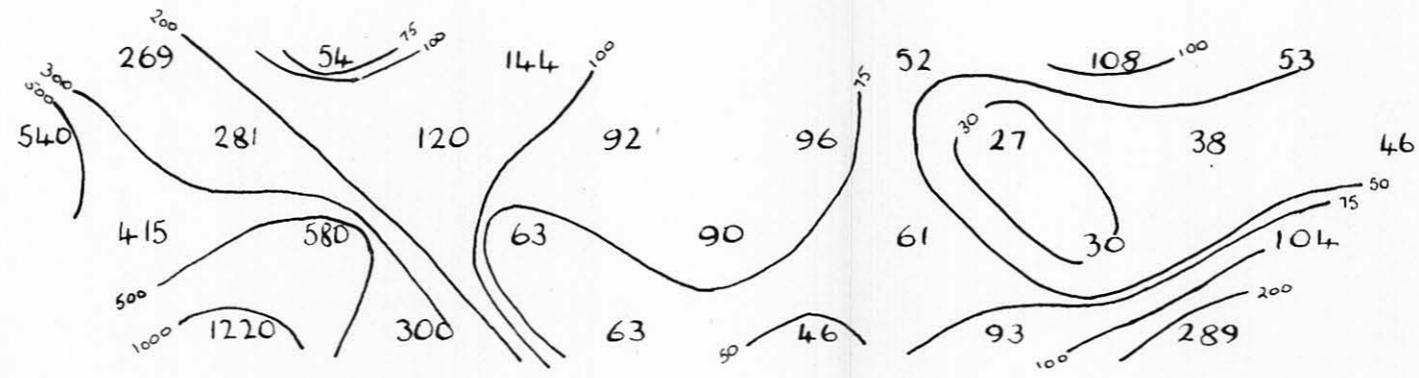


35w 33 31 29 27 25 23 21 19 17 15 13 11w



() Indicates high noise level which masks the true frequency effect;

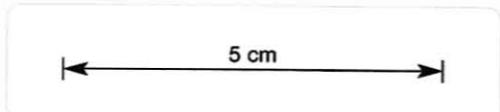
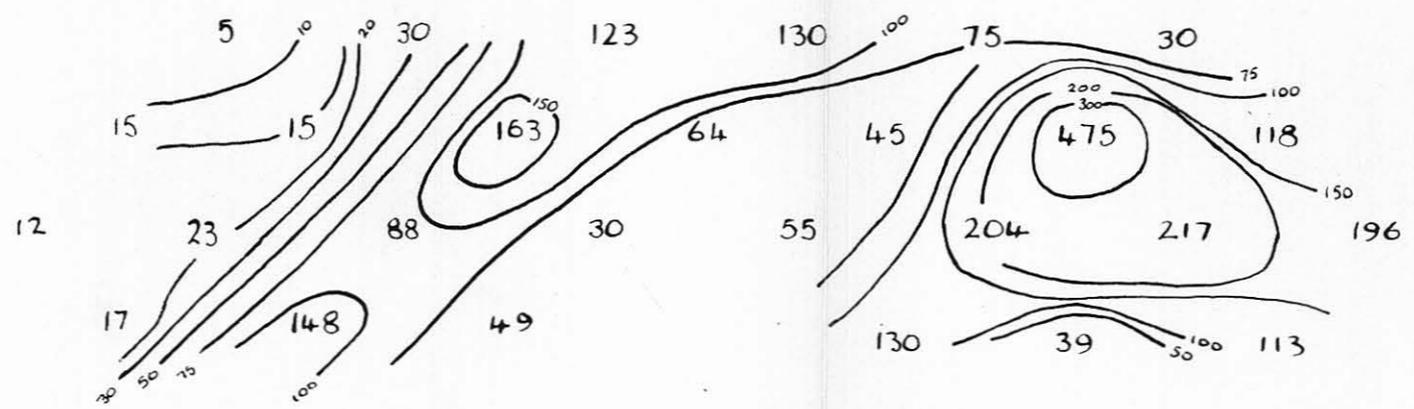
I.P. SURVEY.
 Natone Area
 Line Magazine Natone Grid
 200 ft Spreads
 Scale: 200 ft to 1 inch.
 Frequency: 2 1/2 + 1/4 cps.
 Survey: BH & E.D.
 Traced: S.K. Date: 3/62



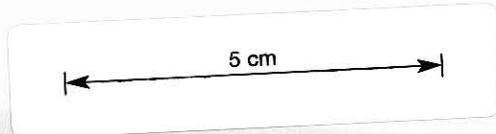
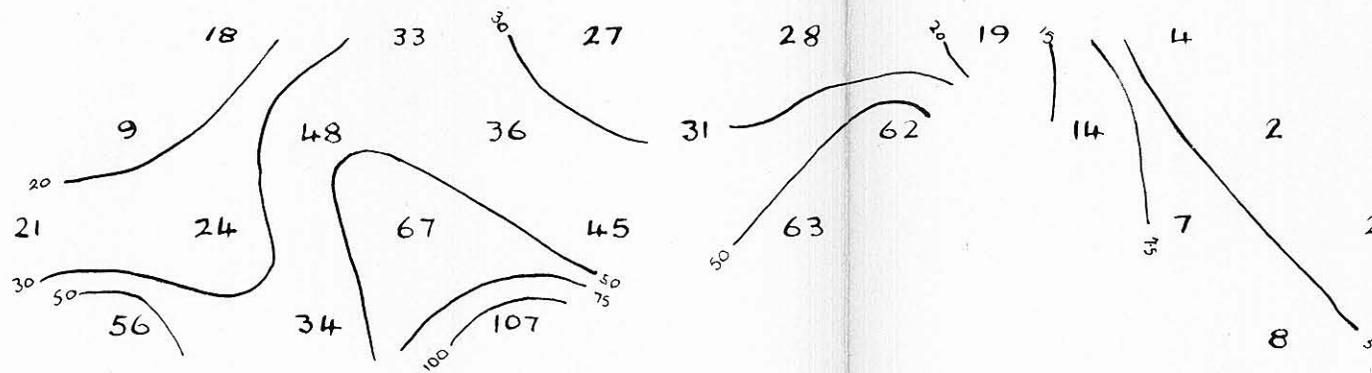
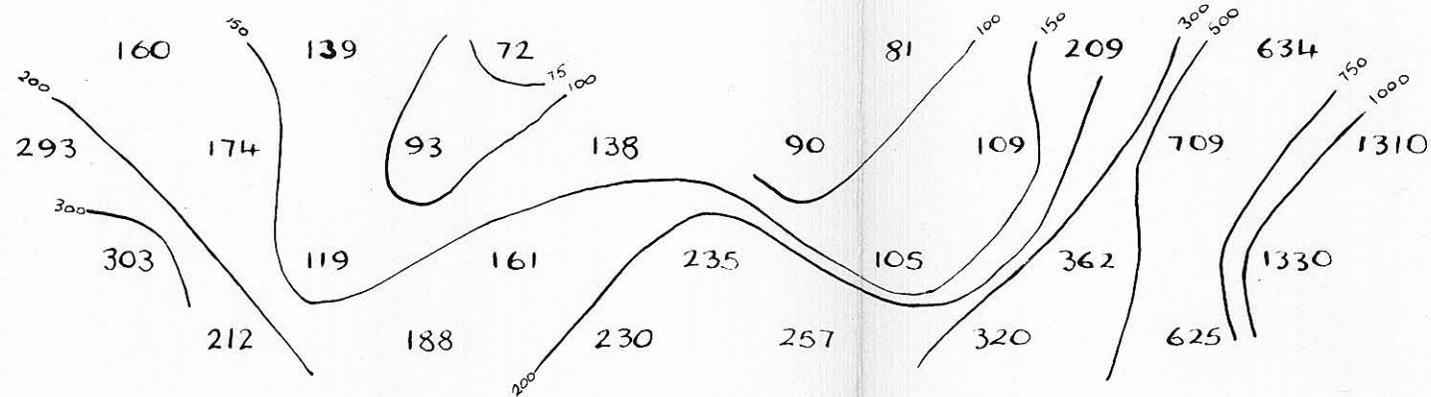
Power Line
Tramway

TT

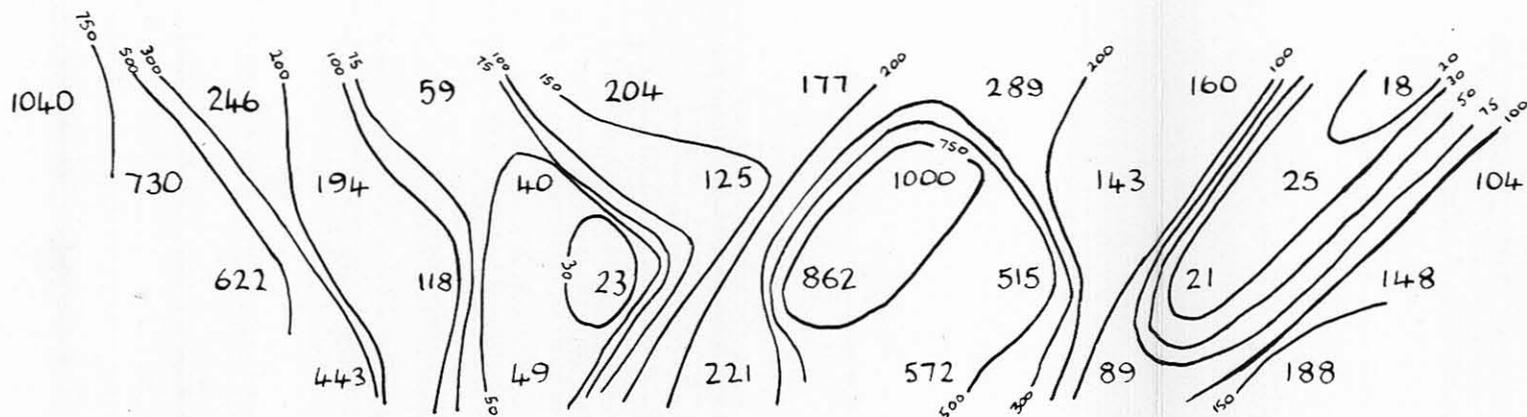
32W 30 28 26 24 22 20 18 16 14 12W



I.P. SURVEY
 Natone Area
 Line Magazine Natone Grid
 200 ft Spreads
 Scale: 200 ft to 1 inch
 Frequency 2 1/2 + 1/4 cps
 Survey BH. & NJ
 Traced: V.T Date: 2/61
 Repeat with tramway insulated

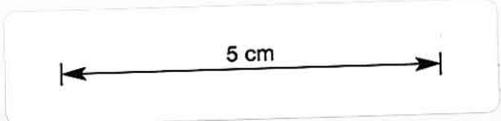
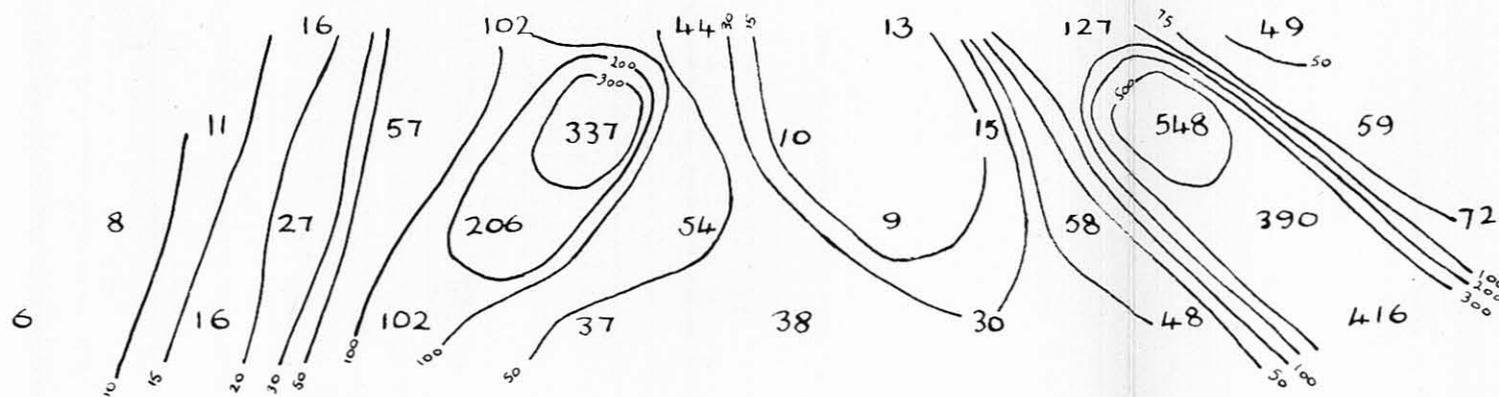


I. P. SURVEY.
 Natone Area
 Line 25S Natone Grid
 400 ft Spreads
 Scale: 400 ft to 1 inch
 Frequency: 2 1/2 + 1/4 cps
 Survey: BH. & NJ
 Traced V.T. Date: 2/61
 Repeat with tramway insulated.
 65-407

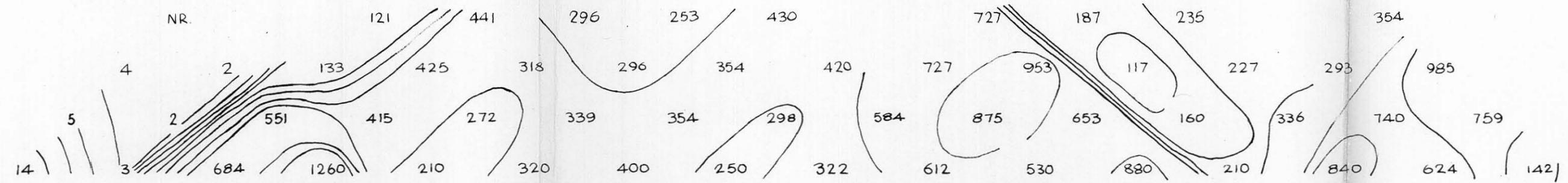


π

31W 29 27 25 23 21 19 17 15 13 11W

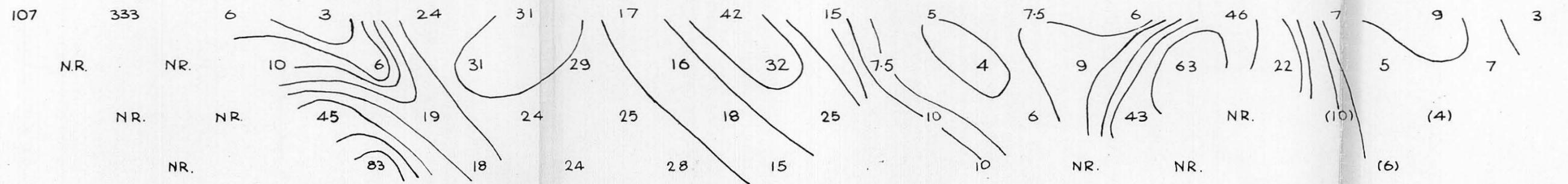


I. P. SURVEY
 Natone Area
 Line 25S Natone Grid
 200 ft Spreads
 Scale: 200ft to 1 inch
 Frequency: 2 1/2 + 1/4 cps.
 Survey: BH & NJ.
 Traced: VT Date: 2/61

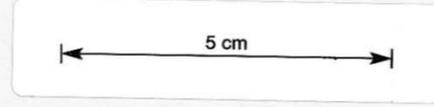


Aerial Powerline
Ropeway Δ

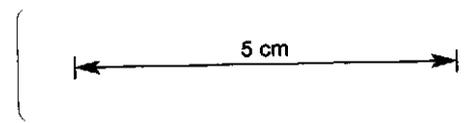
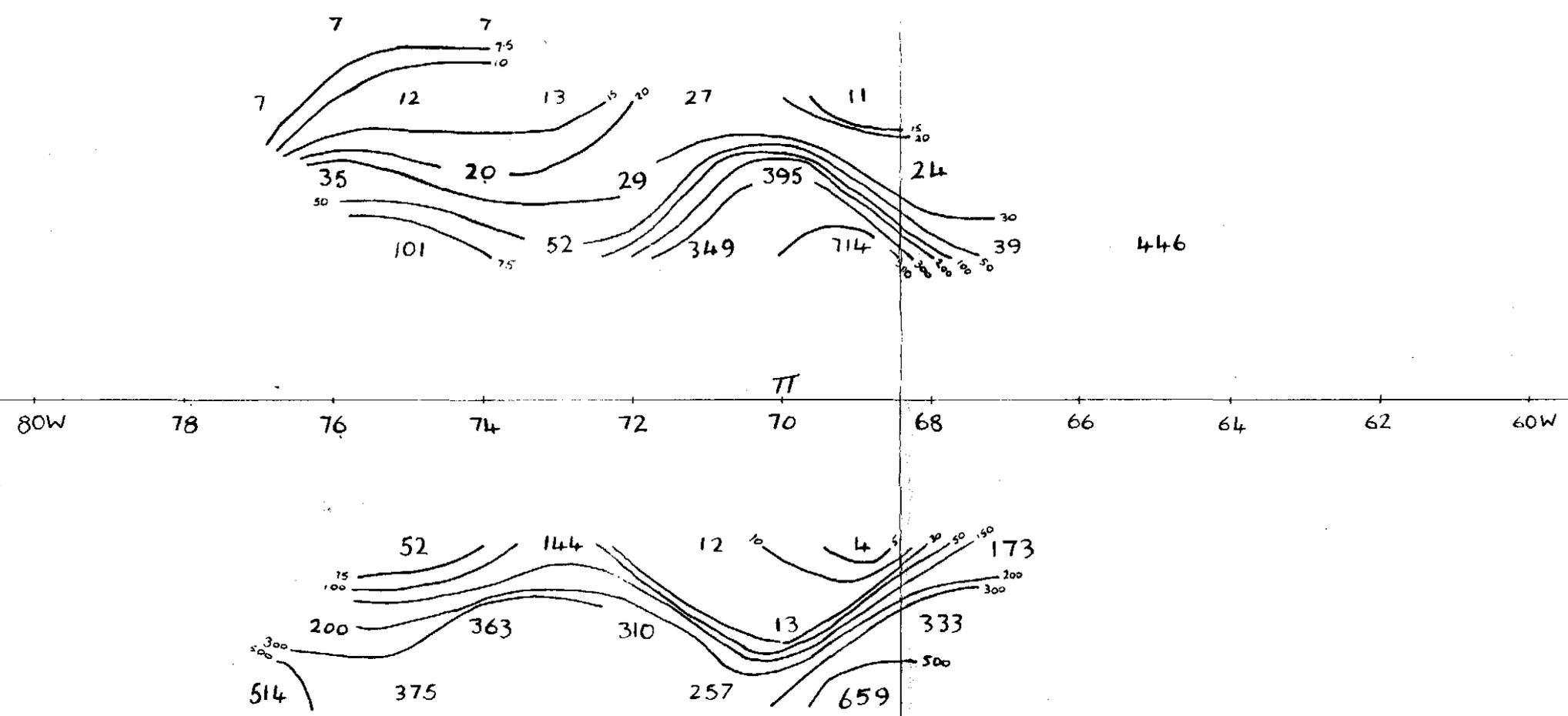
45W 41W 37 33 29 25 21 17 13 9 5 1W 3E 7 11 15 19 23 27E



N.R. INDICATES NO READING
() INDICATES HIGH NOISE LEVEL WHICH MASKS THE TRUE FREQ EFFECT
Δ POWER LINE



I. P. SURVEY.
Natone Area.
Line 425
400 ft Spreads
Scale: 400ft to 1inch.
Frequency: 2 1/2 + 1/4 cps.
Survey: B.H. & A.B.
Traced: VT. Date 12/61.

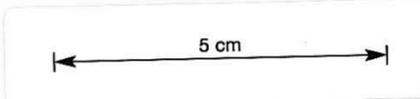
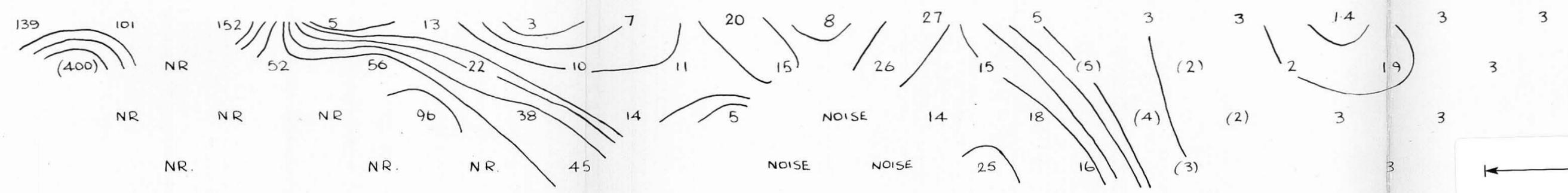
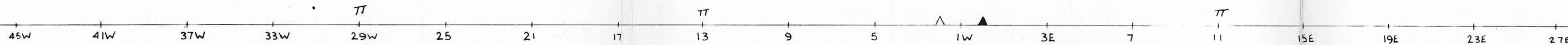
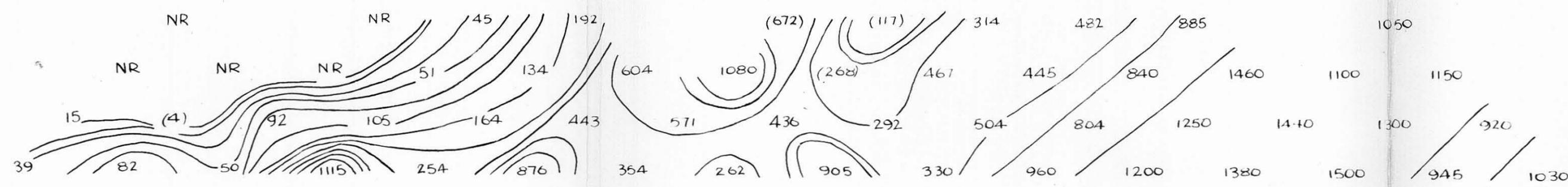


I. P. SURVEY.
 Natone Area
 Line 50S Natone Grid
 200 ft. Spreads
 Scale: 200 ft to 1 inch
 Frequency: 2 1/2 + 1/4 cps
 Survey: BH & NJ
 Traced: VT. Date: 2/61

020

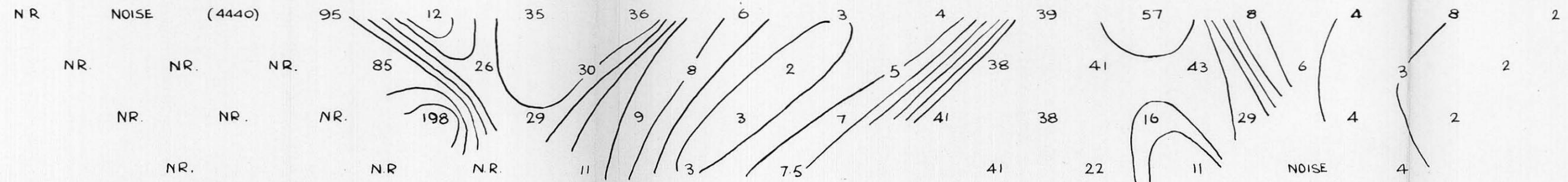
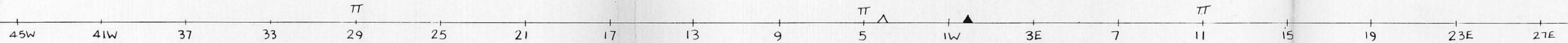
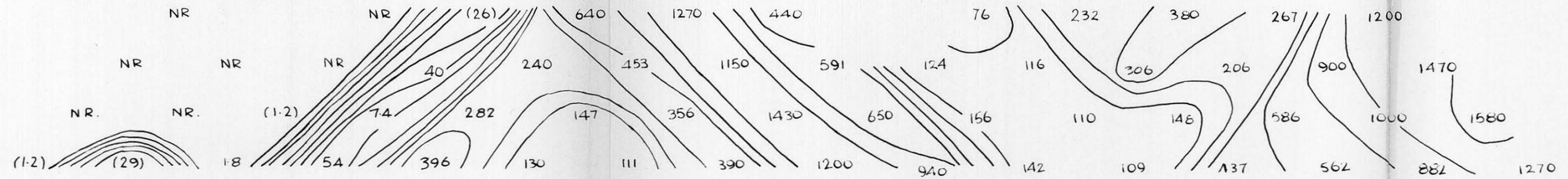
020

232022

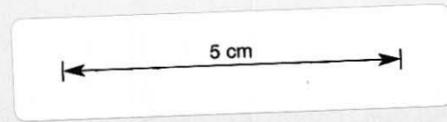


- N.R. No reading due to low resistivity.
- () Noisy reading.
- △ Powerline.
- ▲ Aerial Ropeway.

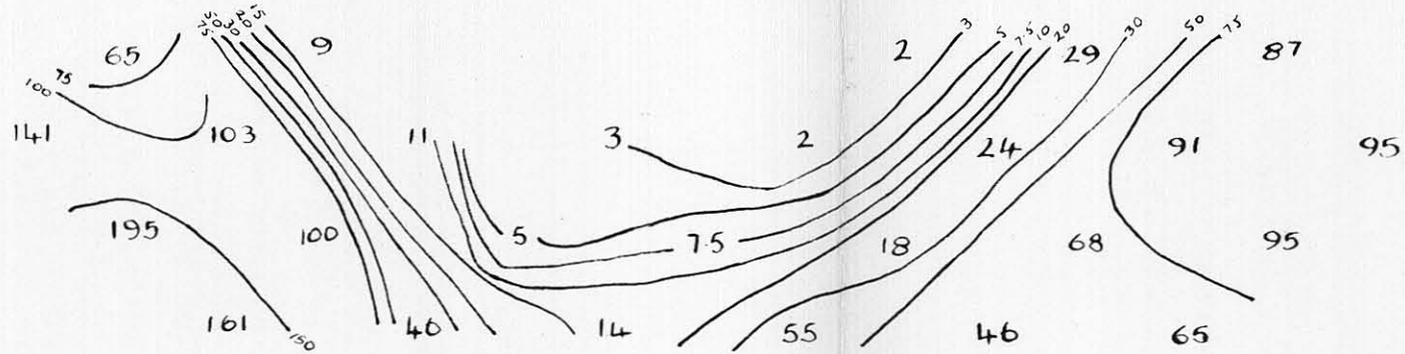
I. P. SURVEY.
 Natone Area
 Line 58S 400 ft Spreads
 Scale 400ft to 1 inch
 Frequency 2½ + ¼ cps
 Survey B.H. & A.B. Natone Grid
 Traced V.T. Date 12/61.



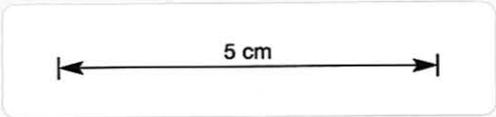
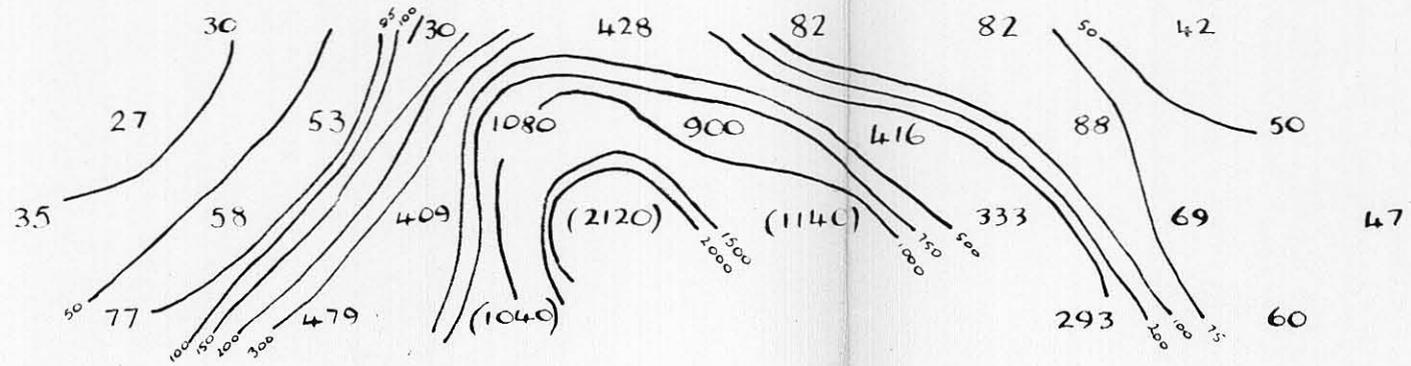
- N.R. No reading due to low resistivity.
- () Noisy reading.
- △ Powerline.
- ▲ Aerial Ropeway.



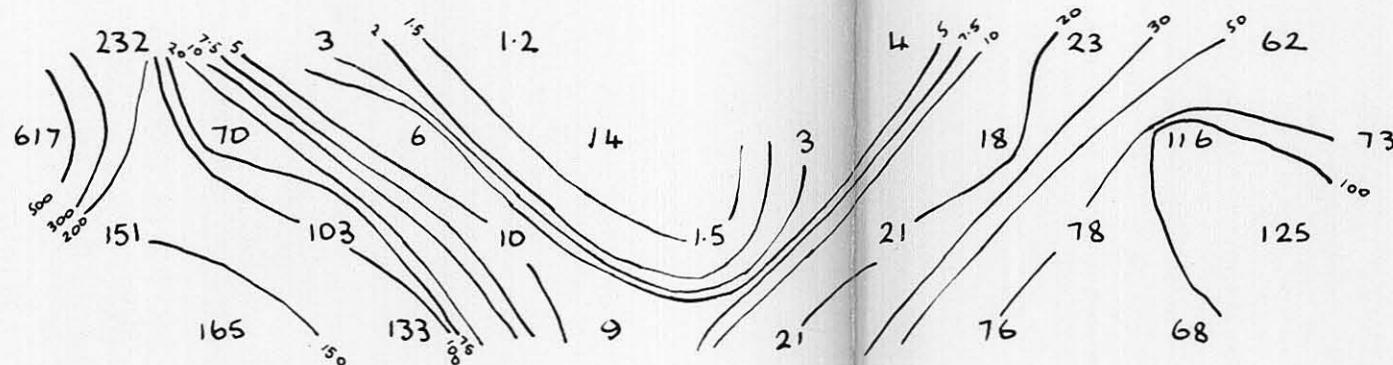
I. P. SURVEY.
 Natone Area
 Line 835 400 ft Spreads
 Scale: 400 ft to 1 inch
 Frequency: 2 1/2 + 1/4 cps
 Survey: BH. AB, Natone Grid.
 Traced: VT. Date: 12/61.



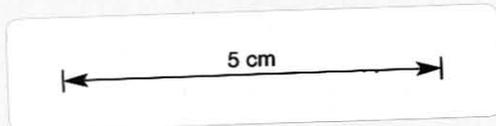
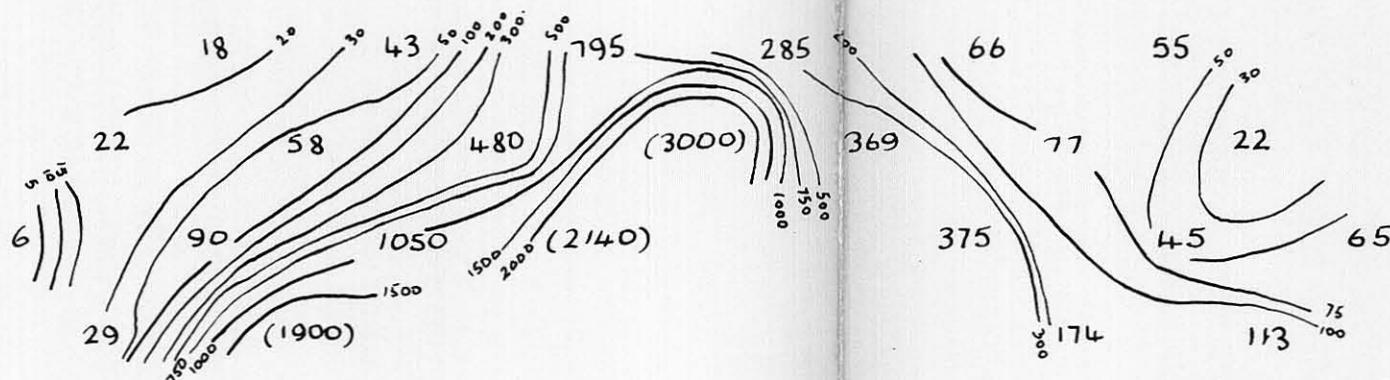
33W 31 29 27 25 23 21 19 17 15 13W



I. P. SURVEY.
 Natone Area
 Line 100S Natone Grid
 200 ft Spreads
 Scale: 200 ft to 1 inch.
 Frequency: 2 1/2 + 1/4 cps
 Survey: B.H. & N.J.
 Traced: V.T. Date: 2/61.



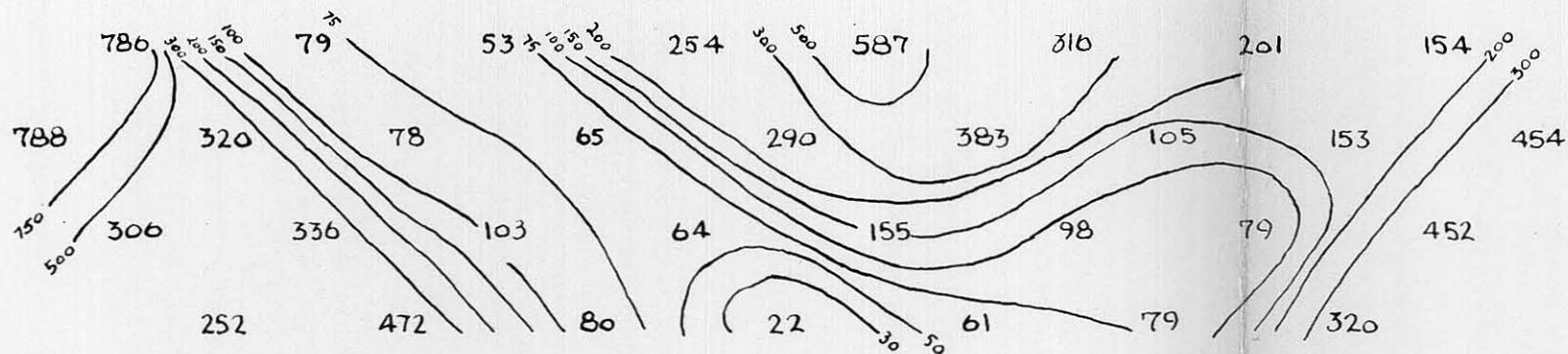
38W 35 32 29 26 23 20 17 14 11 8W



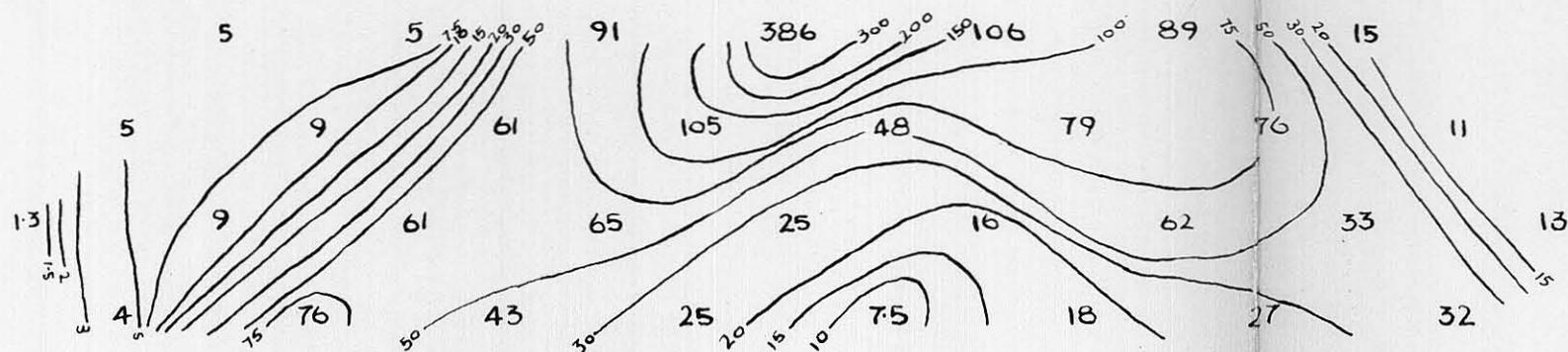
I.P. SURVEY
 Natone Area
 Line 1005 Natone Grid
 300 ft Spreads
 Scale: 300 ft to 1 inch
 Frequency: 2 1/2 + 1/4 cps
 Survey: BH & NJ
 Traced: VT Date: 3/61

030

232032



11 E 12 13 14 15 16 17 18 19 20 E

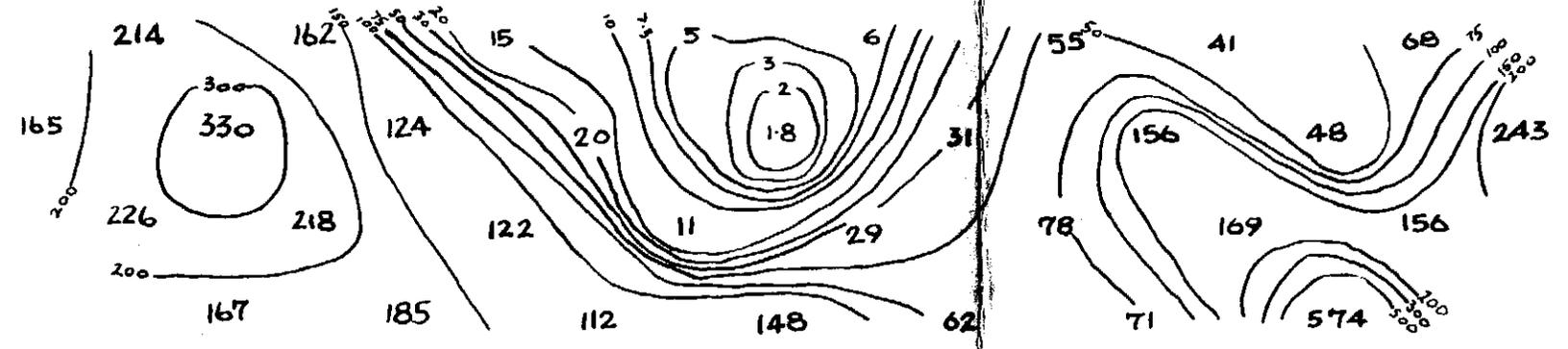


I. P. SURVEY.

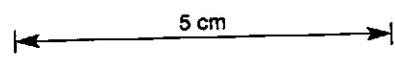
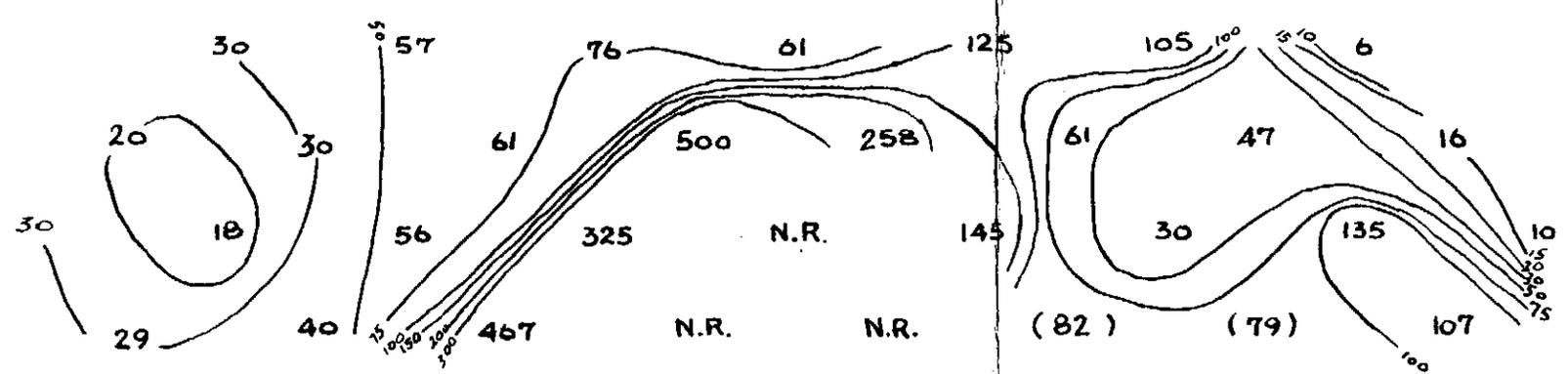
Natone Area.
 Line 1085 Natone Grid
 100 ft Spreads
 Scale: 100 ft to 1 inch.
 Frequency: $2\frac{1}{2} + \frac{1}{4}$ c.p.s.
 Survey: BH & E.D.
 Traced: SK. Date 3/62

032

232034



32w 30 28 26 24 22 20 18 16 14 12 10w

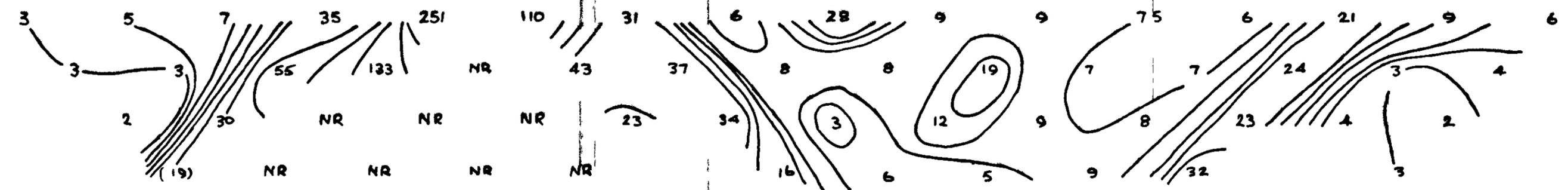
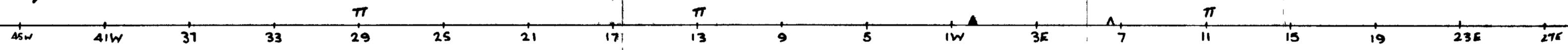
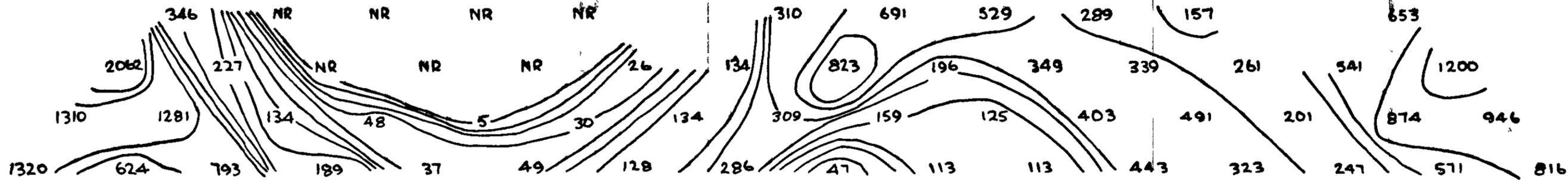


I.P. SURVEY.
 Natone Area.
 Line 108S Natone Grid.
 200 ft Spreads
 Scale: 200 ft to 1 inch.
 Frequency: 2 1/2 + 1/4 cps.
 Survey: B.H. & E.D.
 Traced: S.K. Date: 3/62

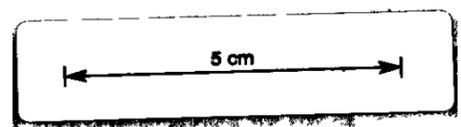
033

033

232035



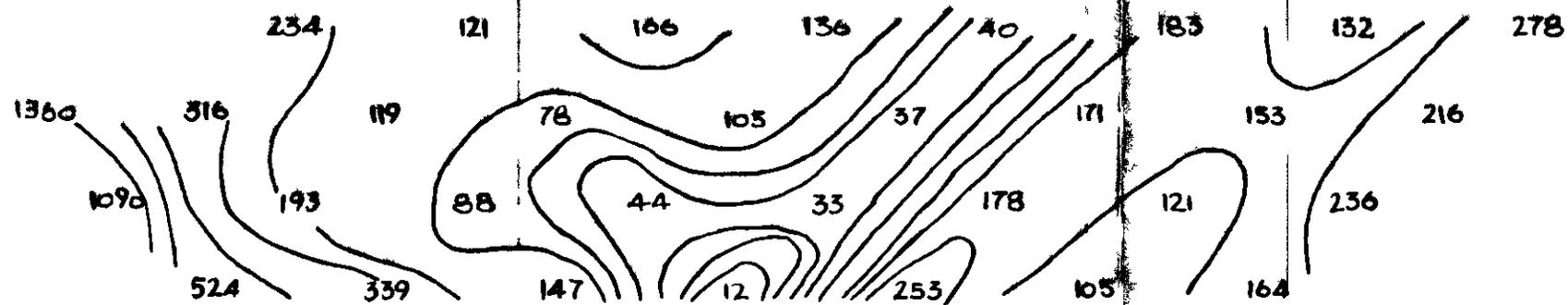
- NR No reading
- () Noisy reading
- ▲ Aerial ropeway
- △ Power line



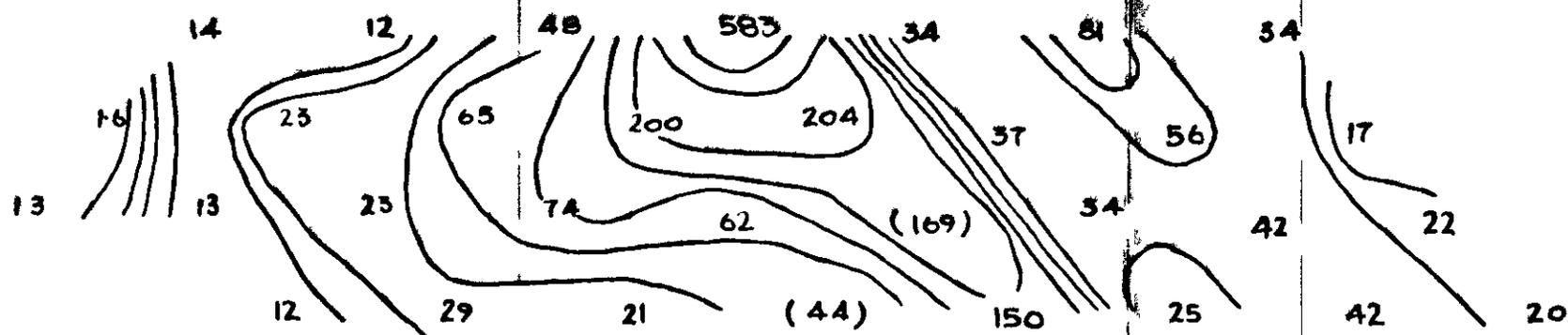
I. P. SURVEY

Natone Area
 Line 1085 400ft Spreads

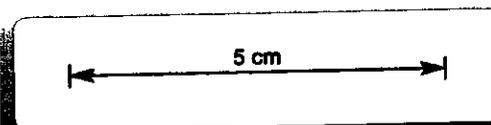
Scale 400ft to 1 inch
 Frequency 2½ + ¼ cps
 Survey BH=AB Natone Grid
 Traced VT Date 1/62



3E 4 5 6 7 8 9 10 11 12E



() Indicates high noise level which masks true frequency effect



I P SURVEY

Natone Area

Line 1805 Natone Grid

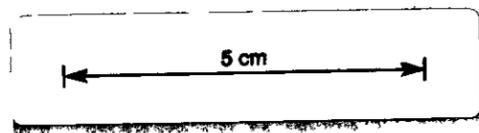
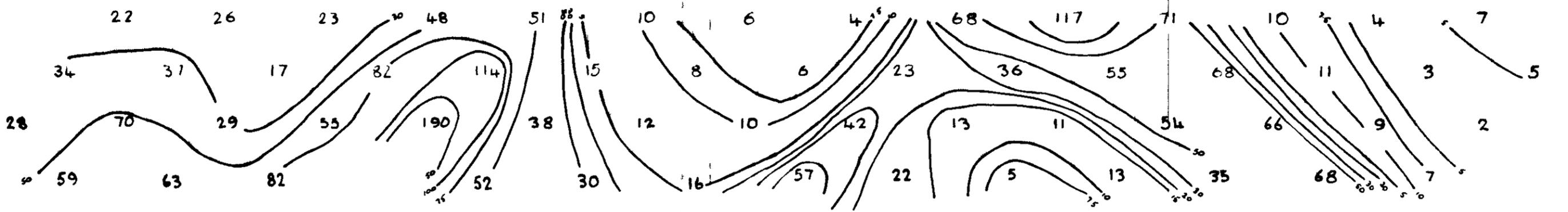
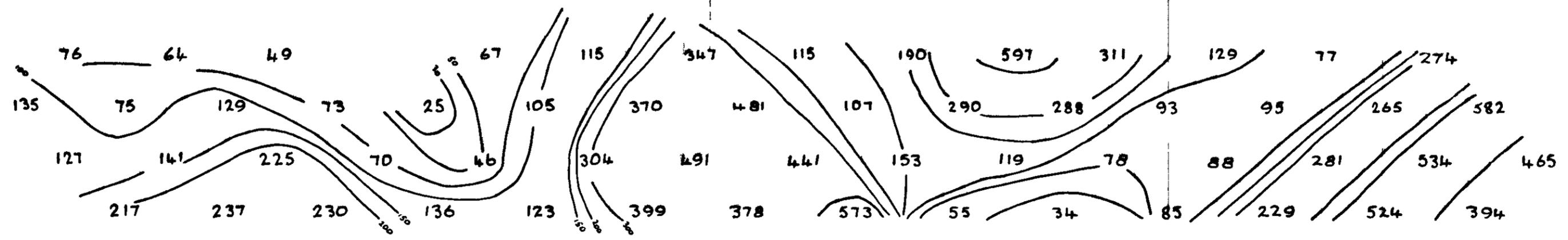
100 ft Spreads

Scale 100 ft to 1 inch

Frequency $2\frac{1}{2} + \frac{1}{4}$ cps

Survey BH & ED

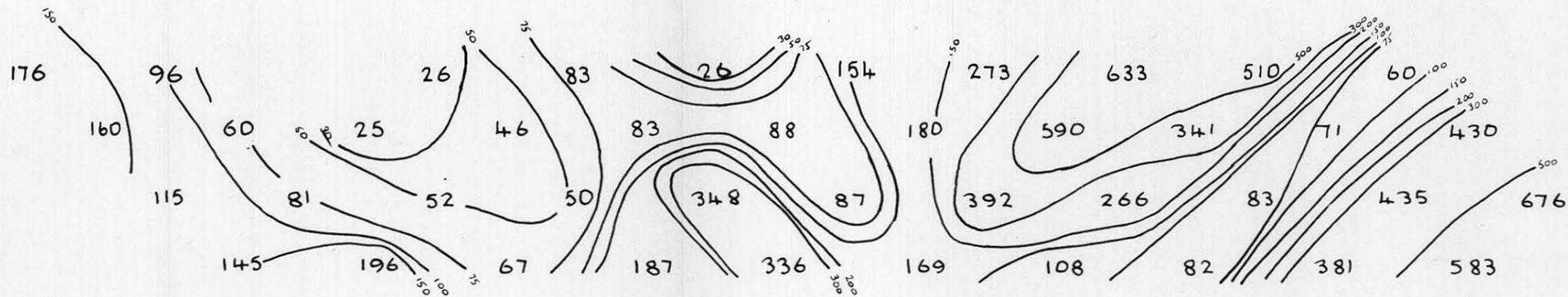
Traced SK Date 3/62



I P SURVEY
 Natone Area
 Line 1805 Natone Grid
 200ft Spreads
 Scale 100ft to 1 inch
 Frequency 2 1/2 + 4 cps
 Survey BH & NJ
 Traced VT Date 3/61

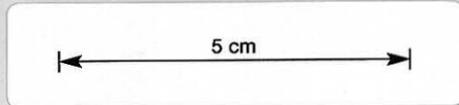
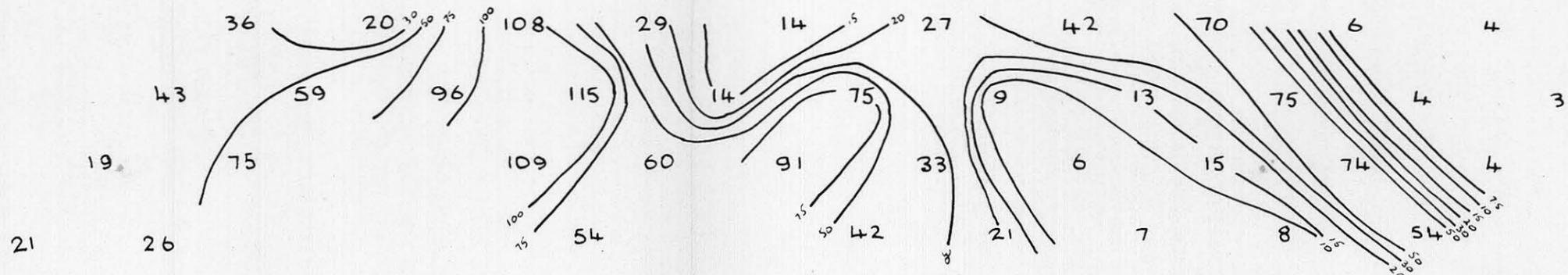
036

232038 036

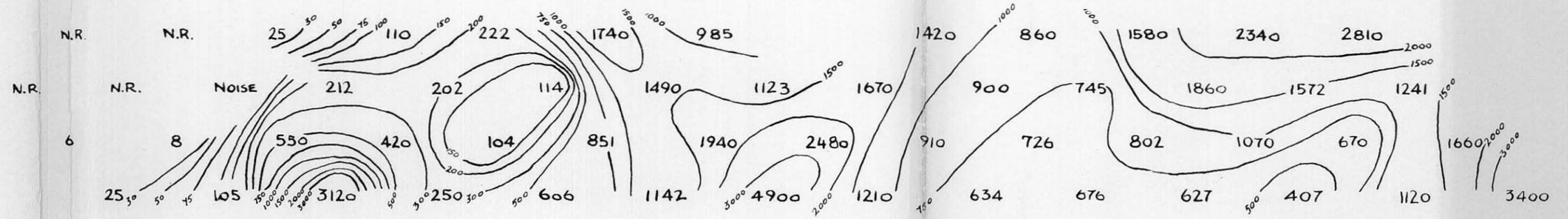


TT

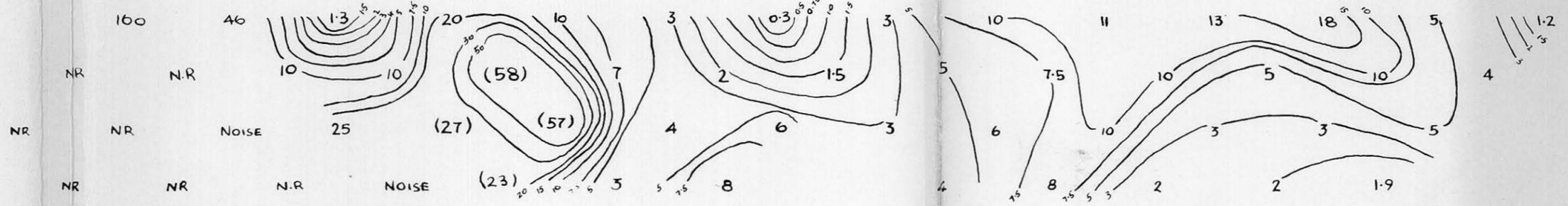
18W 12 9 6 3W 0 3E 6 9 12 15 18 21E



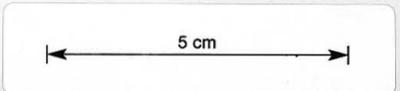
I. P. SURVEY
 Natone Area
 Line 1805 Natone Grid
 300 ft Spreads
 Scale: 300 ft to 1 inch
 Frequency: 2 1/2 + 1/4 cps
 Survey: B.H. & N.J.
 Traced: VT. Date: 3/61



46w 42 38 34 30 26 22 18 14 10 6 2w 2E 6 10 14 18 22 26 30 34 38 42 E



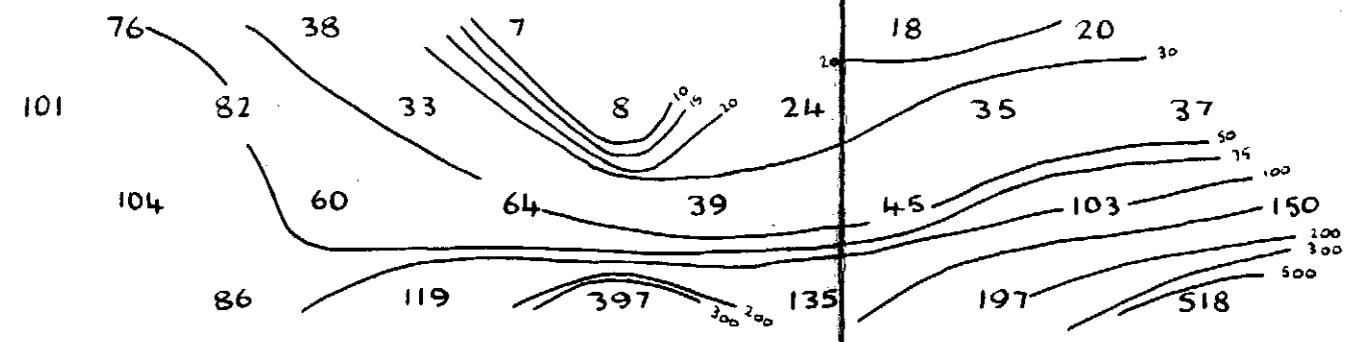
* To be completed to 46w
 N.R. No Reading
 () Indicates high noise level which masks true frequency effect.



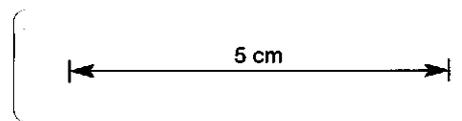
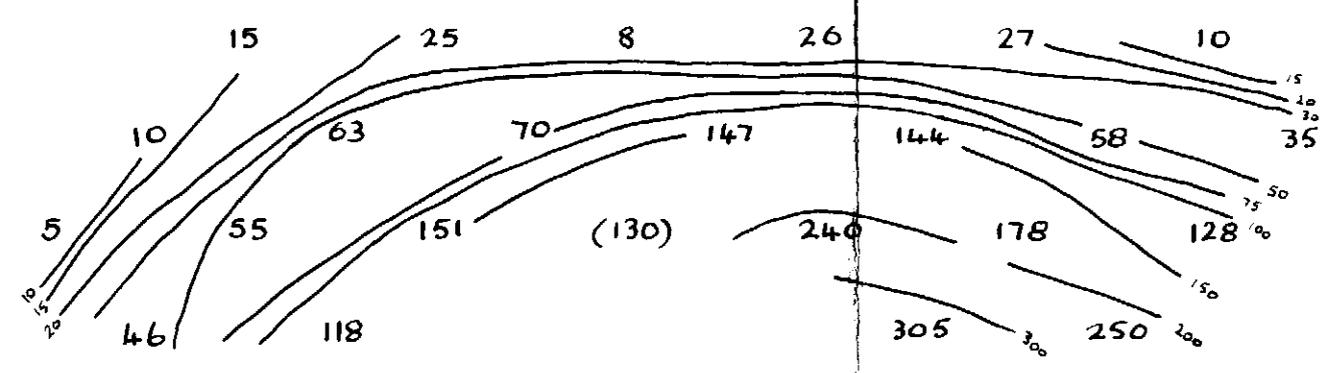
I.P. SURVEY.
 Natone Area
 Line 205S Natone Grid
 400ft Spreads.
 Scale: 400ft to 1inch
 Frequency: 2 1/2 + 1/4 cps.
 Survey: BH & ED.
 Traced SK. Date: 3/62

039

232041



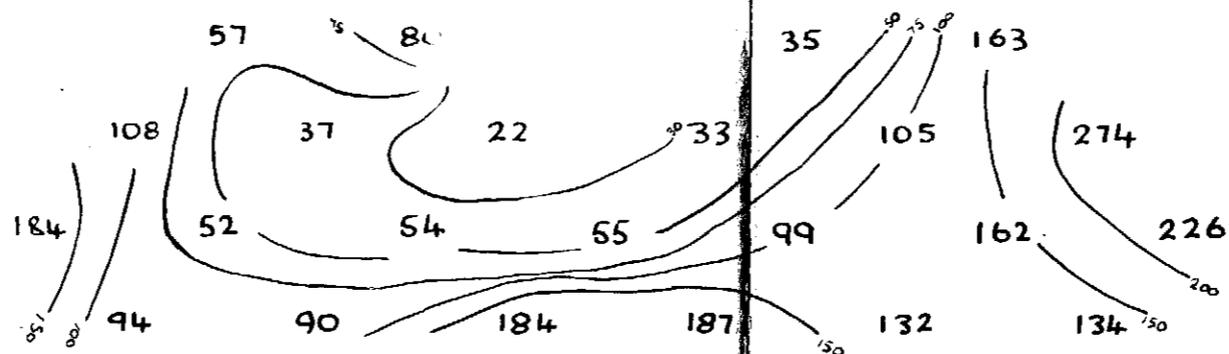
15W 12 9 6 3W 0 3E 6 9 12 15E



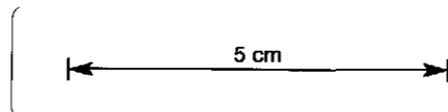
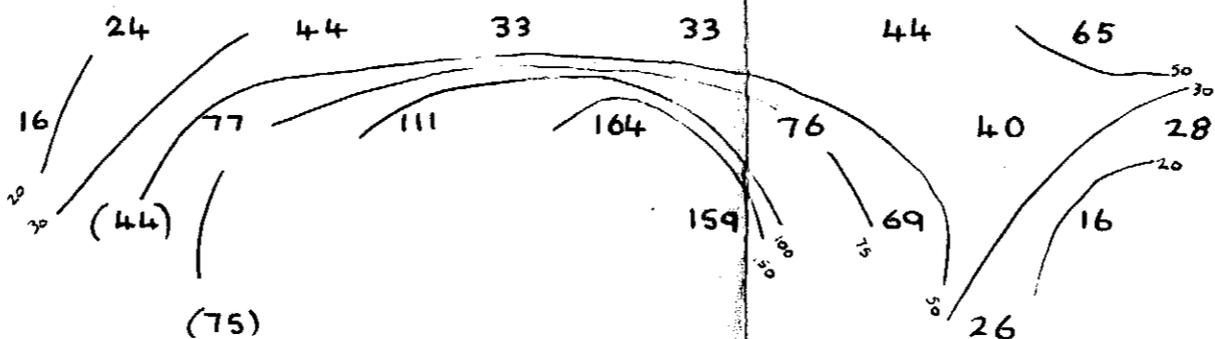
I. P. SURVEY
 Tullah Area
 Line 12N - Tullah Grid
 300 ft Spreads
 Scale: 300ft to 1 inch
 Frequency: 2 1/2 + 1/4 cps.
 Survey: B.H. & N.J.
 Traced: VT. Date 2/61

040

232042



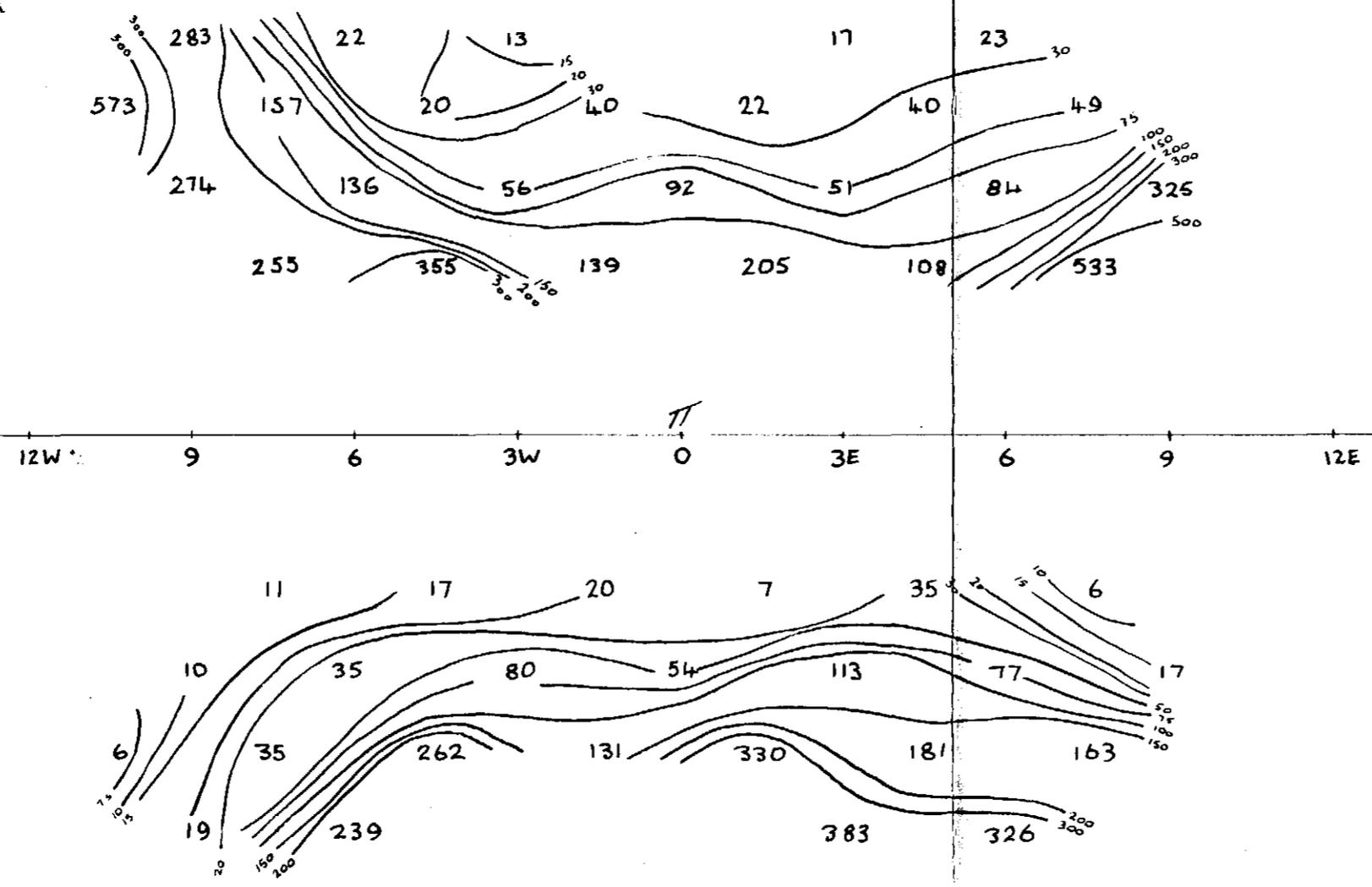
12 9 6 3W 0 TT 3E 6 9 12



I. P. SURVEY
 Tullah Area
 Line 28N Tullah Grid
 300 ft Spreads
 Scale: 300 ft to 1 inch
 Frequency: 2 1/2 + 1/4 cps.
 Survey: B.H. & N.J.
 Traced: V.T. Date: 2/61

041

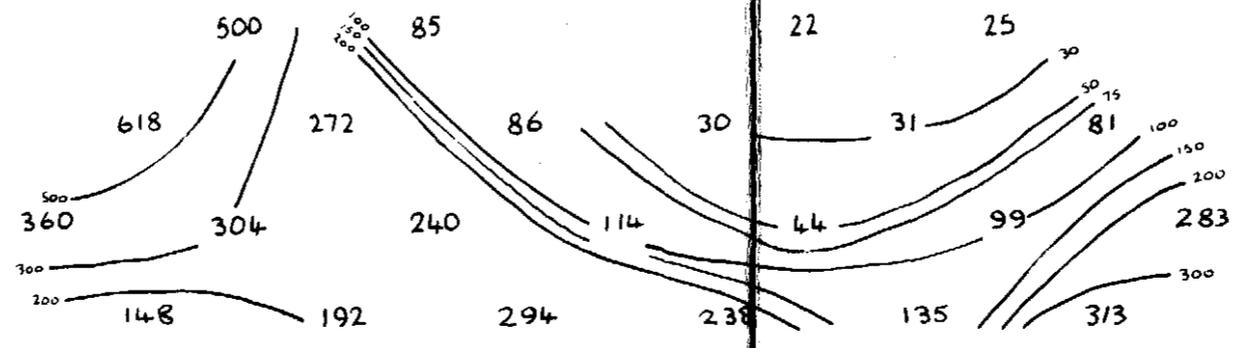
232043



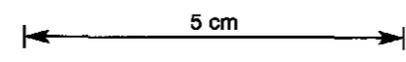
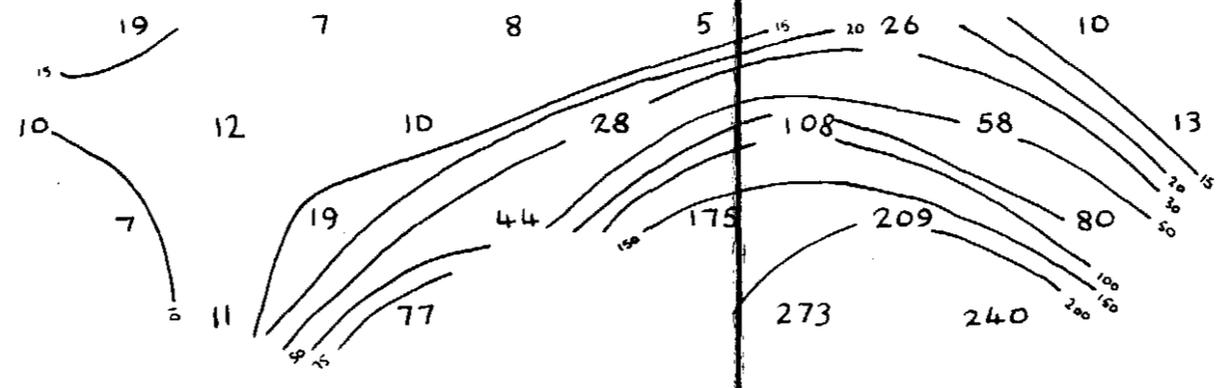
I. P. SURVEY.
 Tullah Area
 Line 85 Tullah Grid
 300 ft Spreads
 Scale: 300 ft to 1 inch
 Frequency: 2 1/2 + 1/4 c.p.s.
 Survey: B.H. & N.J.
 Traced: V.T. Date: 2/61

043

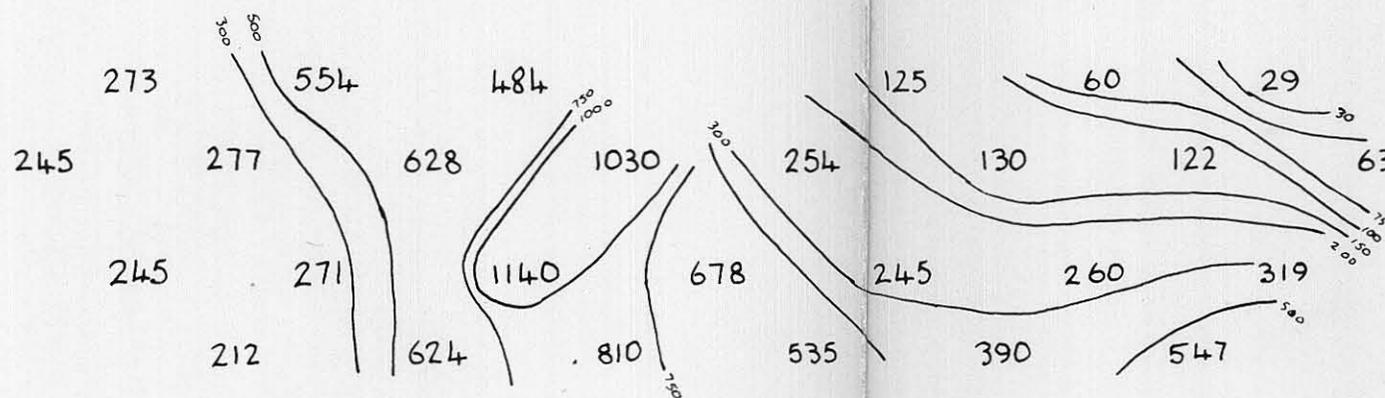
232045



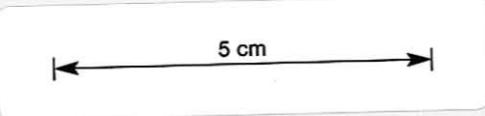
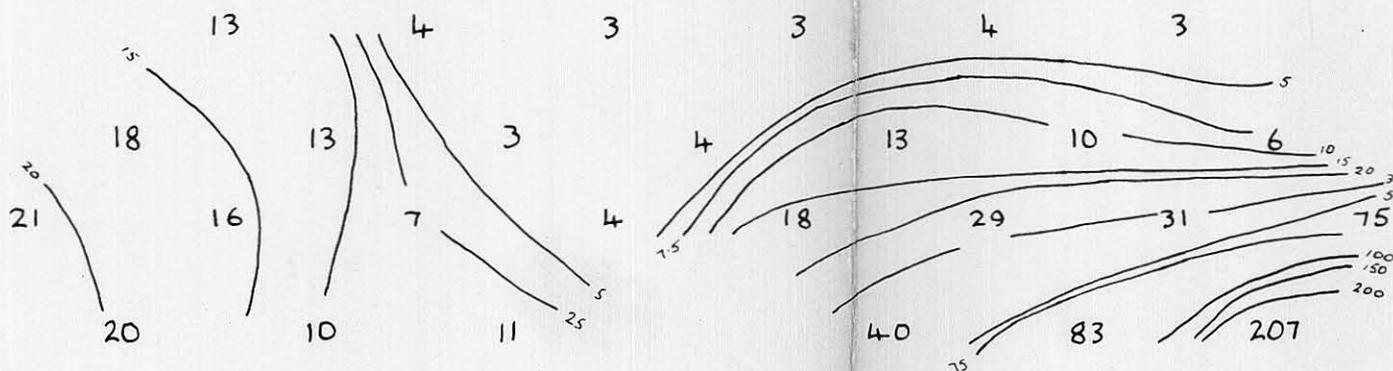
12W 9 6 3W 0 3E 6 9 12E



I. P. SURVEY.
 Tullah Area
 Line 285 Tullah Grid
 300 ft Spreads
 Scale: 300 ft to 1 inch
 Frequency 2 1/2 + 1/4 c.p.s.
 Survey: B.H. & N.I.
 Traced: V.T. Date: 2/61.



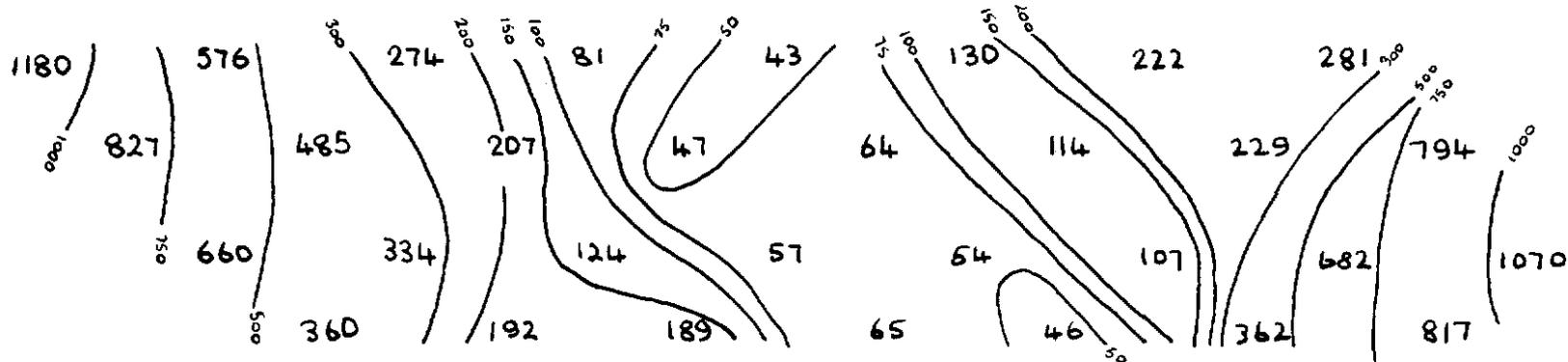
11W 9 7 5 3 1W 1E 3 5 7 9E



I. P. SURVEY.
 Tullah Area
 Line 405 Tullah Grid
 200 ft Spreads
 Scale: 200 ft to 1 inch
 Frequency: 2 1/2 + 1/4 c.p.s.
 Survey: B.H. & N.J.
 Traced: V.T. Date: 2/61.

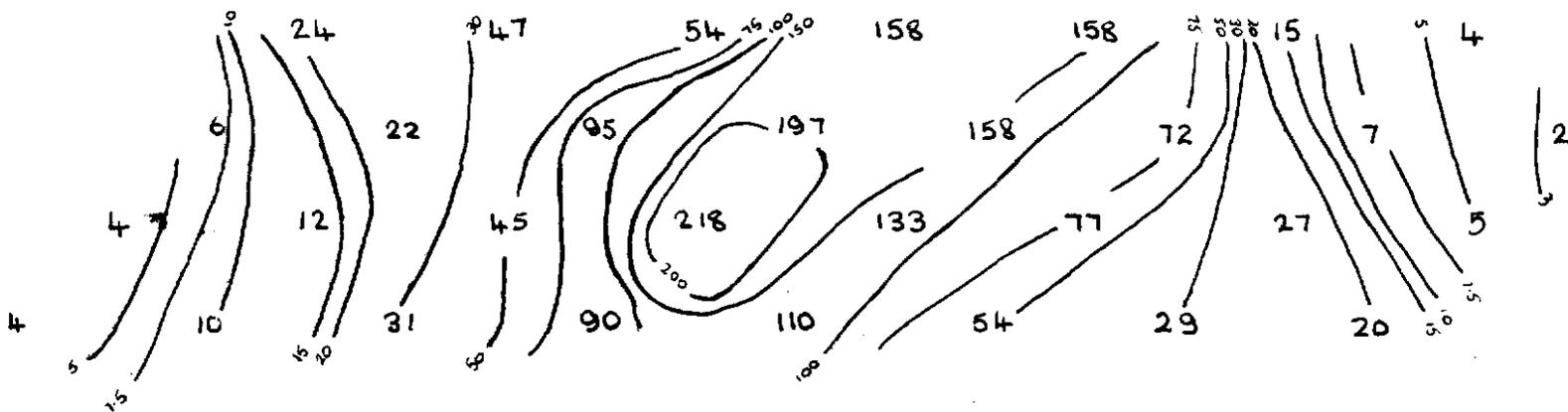
046

232048



π

2W 0 2E 4 6 8 10 12 14E



5 cm

I. P. SURVEY

Red Hills Area

Line 52S

Grid

200ft. Spreads

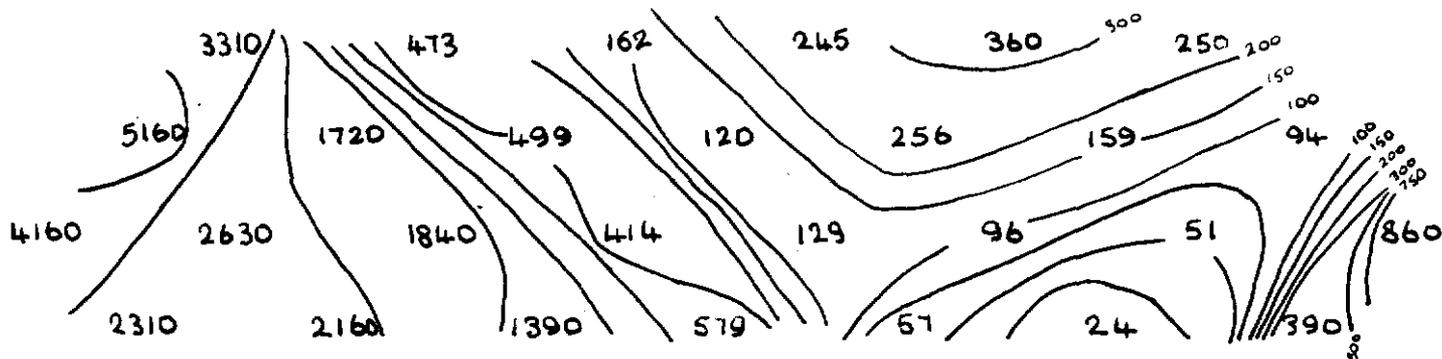
Scale: 200ft to 1 inch

Frequency: 2½ + ¼ cps

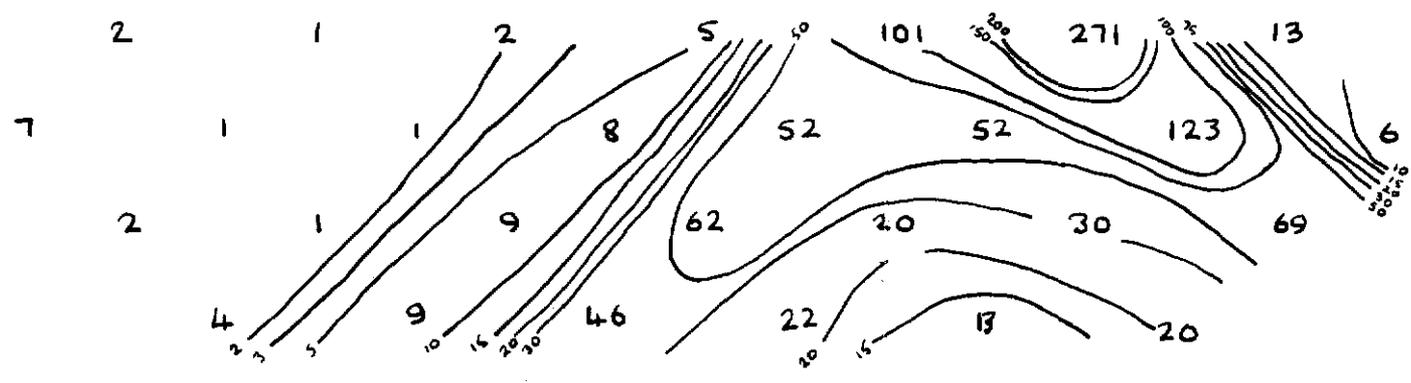
Survey: B.H. & N.J.

Traced: V.T. Date: 3/61

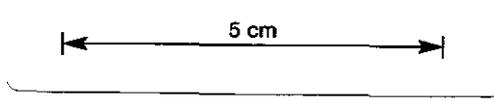
232049



8W 5 2W 1E 4 7 10 13 16E

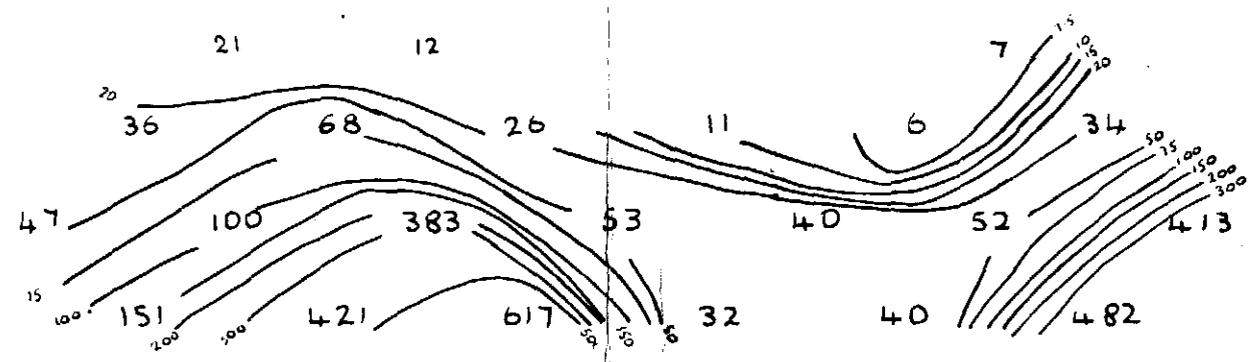


I. P. SURVEY.
 Red Hills Area
 Line 70S Grid
 300ft Spreads
 Scale 300ft to 1 inch
 Frequency 2½ + ¼ cps
 Survey B.H. & N.J.
 Traced V.T. Date 3/61

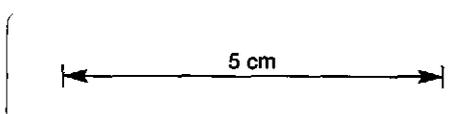
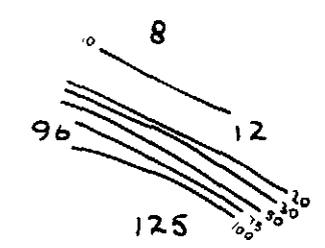
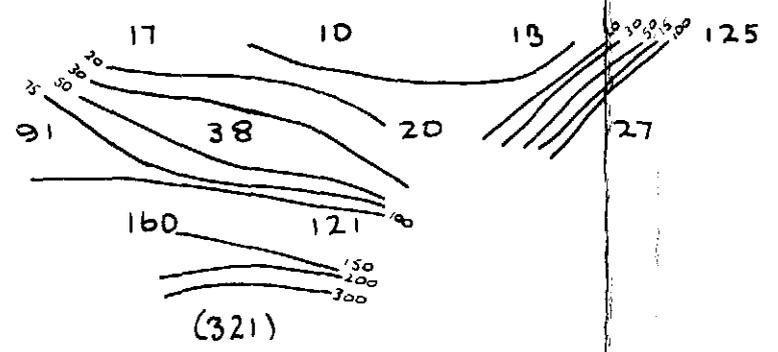


048

232050



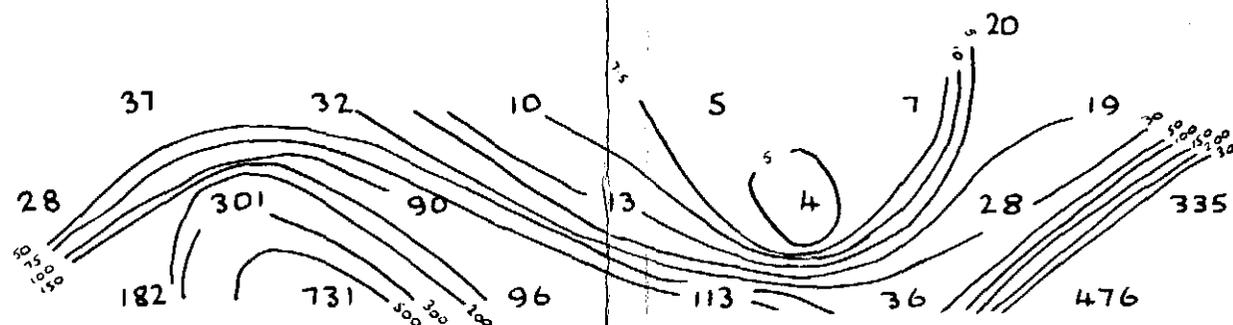
16W 13 10 7 4 1W 2E 5 8 11 14E



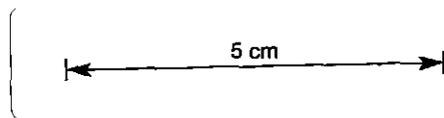
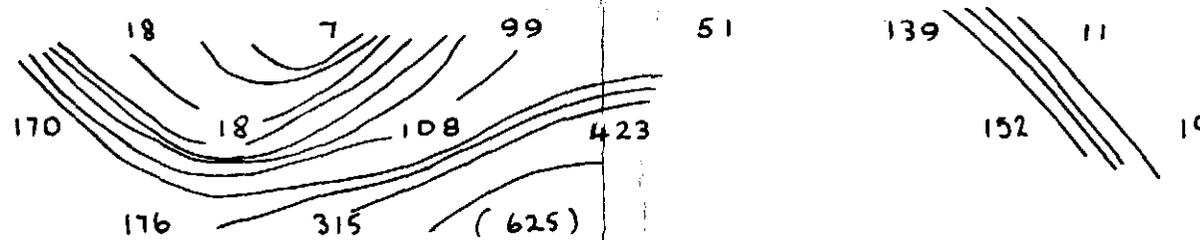
I. P. SURVEY.
 Sterling Valley Area
 Line 4N Sterling Valley Grid.
 300 ft Spreads
 Scale: 300 ft. to 1 inch
 Frequency: 2 1/2 + 1/4 cps.
 Survey: B.H. & N.J.
 Traced: V.T. Date: 2/61.

049

232051



12W 9 6 3W 0 3E 6 9 12E

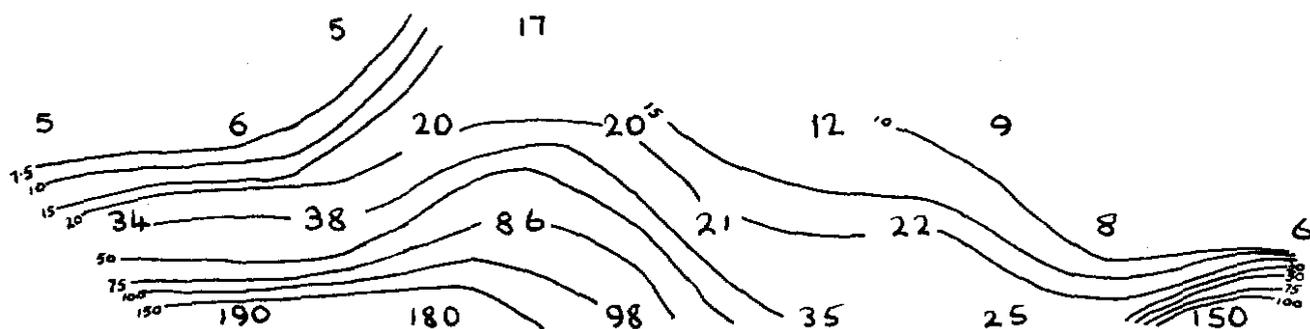


I. P. SURVEY
 Sterling Valley Area
 Line 8N Sterling Valley Grid
 300ft Spreads
 Scale: 300ft to 1 inch
 Frequency: 2 1/2 + 1/4 cps
 Survey: BH & NJ
 Traced: VT Date 3/61

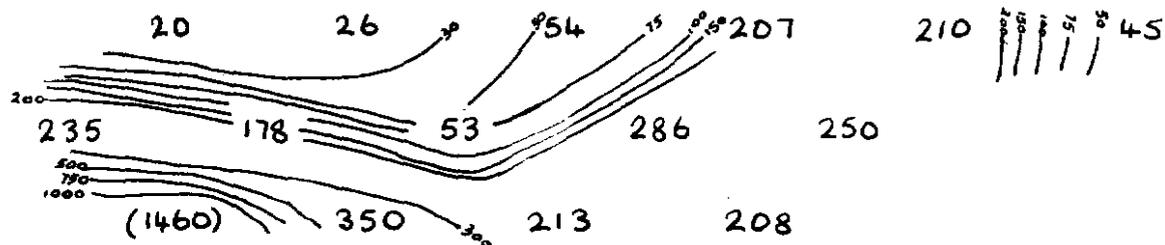
65-407

051

232053



12W 9 6 3W 0 3E 6 9 12E



I. P. SURVEY

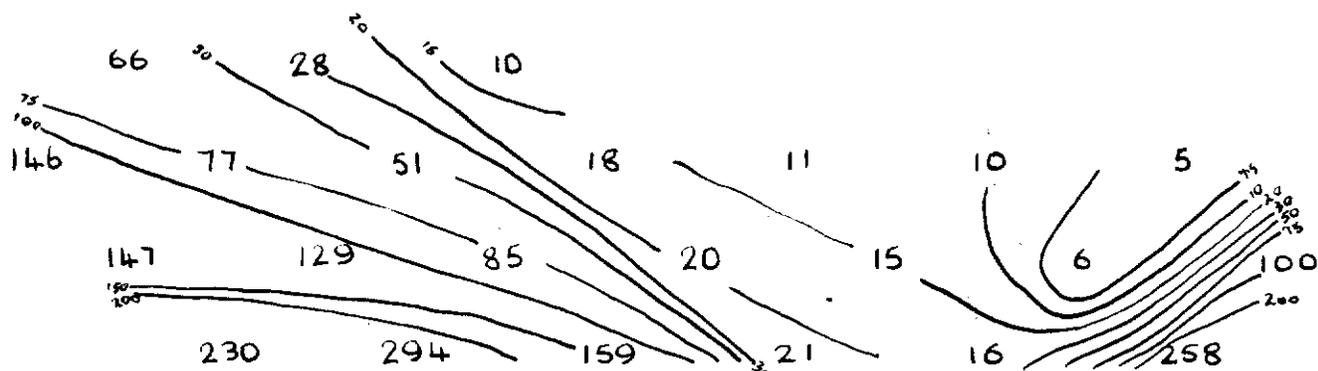
Sterling Valley Area
Line 20N Sterling Valley Grid.
300ft Spreads

Scale: 300ft to 1 inch
Frequency: $2\frac{1}{2} + \frac{1}{2}$ cps
Survey: B.H. & N.J.
Traced: V.T. Date 3/61

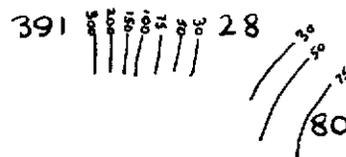
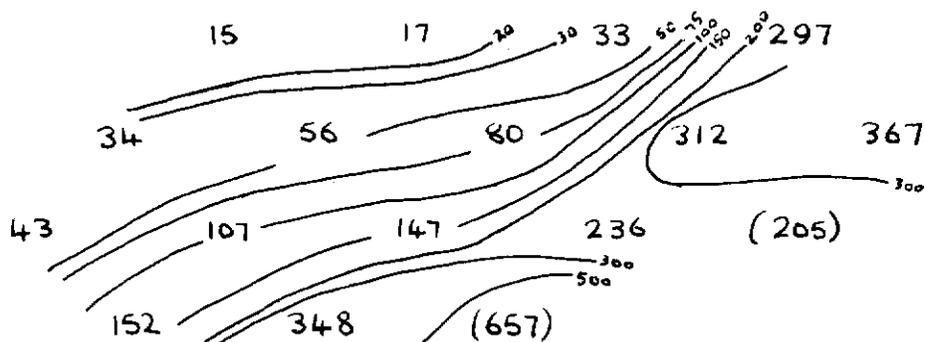
5 cm

052

232054



12W 9 6 3W 0 3E 6 9 12E



5 cm

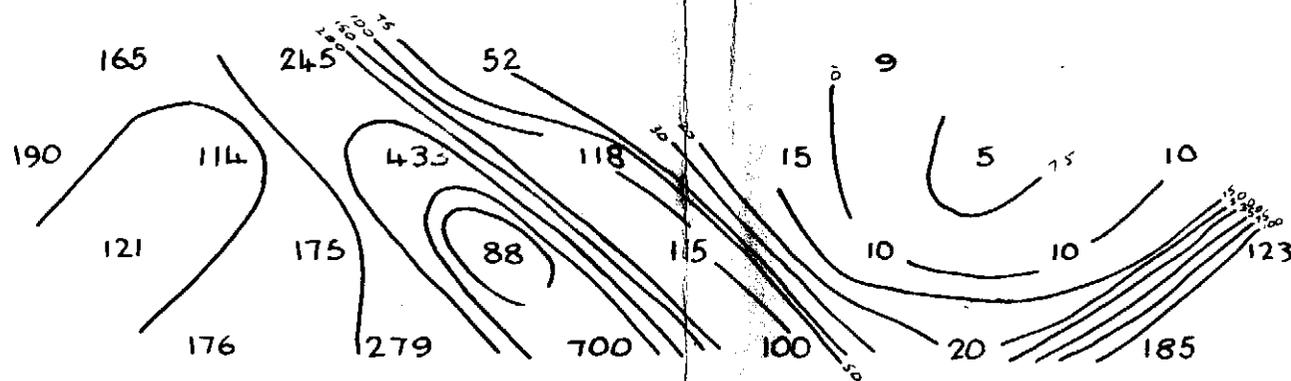
I. P. SURVEY

Sterling Valley Area
Line 24N Sterling Valley Grid
300ft Spreads

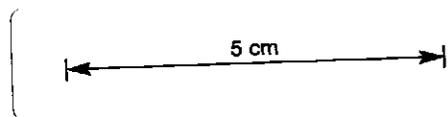
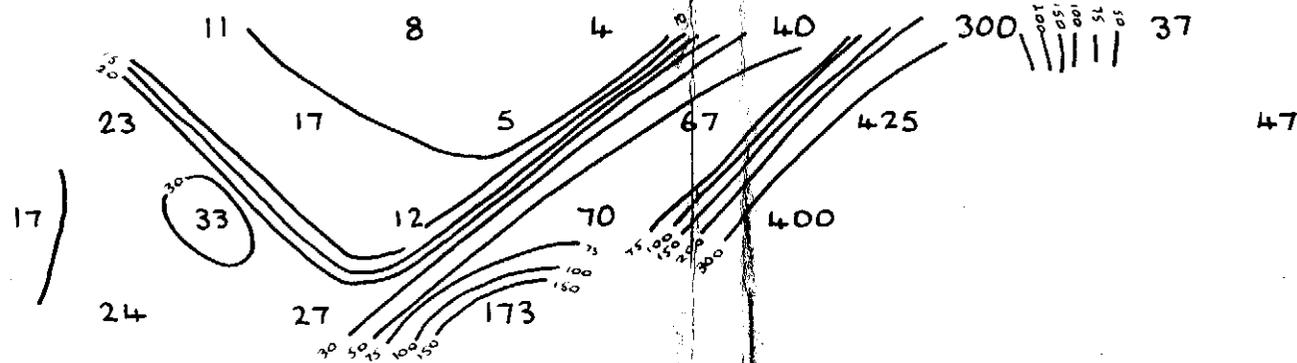
Scale 300ft to 1 inch
Frequency $2\frac{1}{2} + \frac{1}{4}$ cps
Survey B.H. & N.J.
Traced V.T. Date 3/61

053

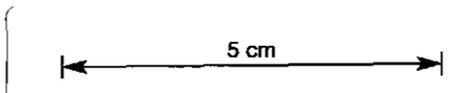
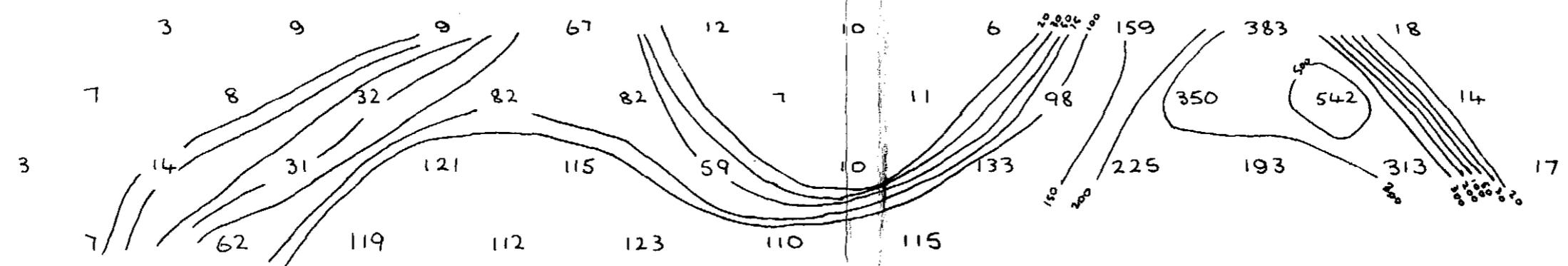
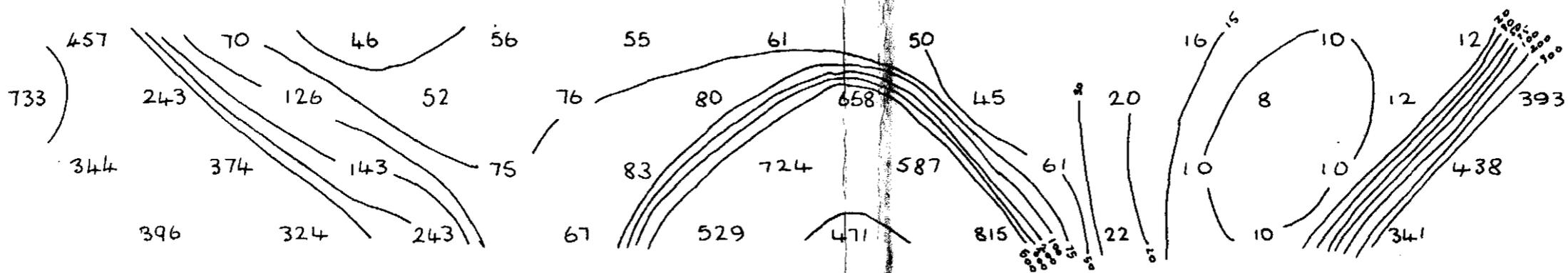
232055



12W 9 6 3W 0 3E 6 9 12E



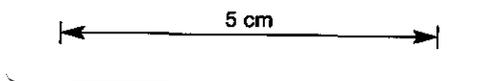
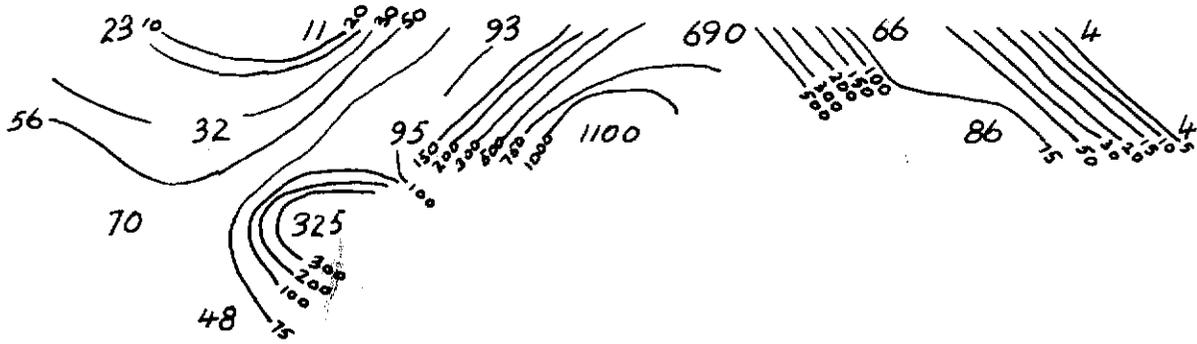
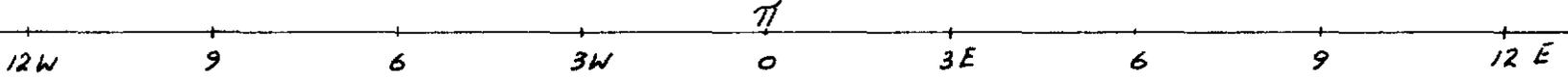
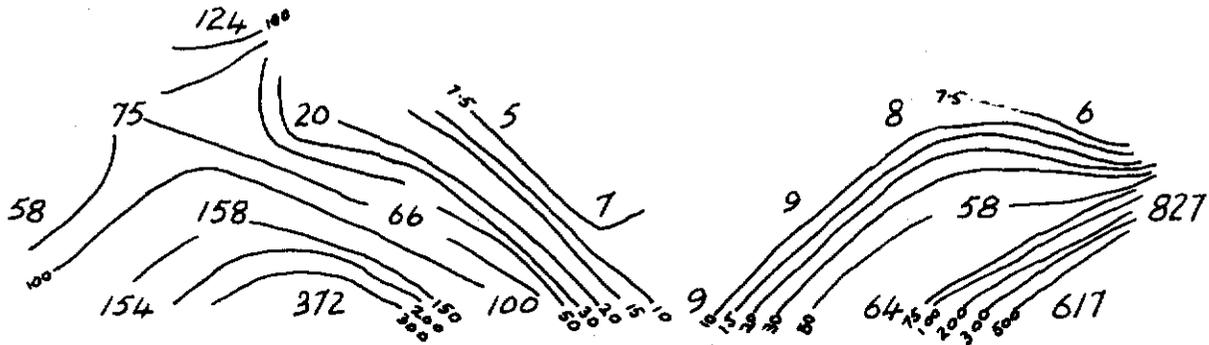
I. P. SURVEY
 Sterling Valley Grid.
 Line 32N Sterling Valley Grid
 300 ft Spreads
 Scale: 300 ft to 1 inch
 Frequency: 2 1/2 + 1/4 cps.
 Survey BH. & NJ
 Traced



I. P. SURVEY
 Sterling Valley Area
 Line 48N Sterling Valley Grid
 300ft Spreads
 Scale: 300ft to 1 inch
 Frequency: 2 1/2 + 1/4 cps
 Survey: B.H. & N.J.
 Traced: V.T. Date 3/61.

058

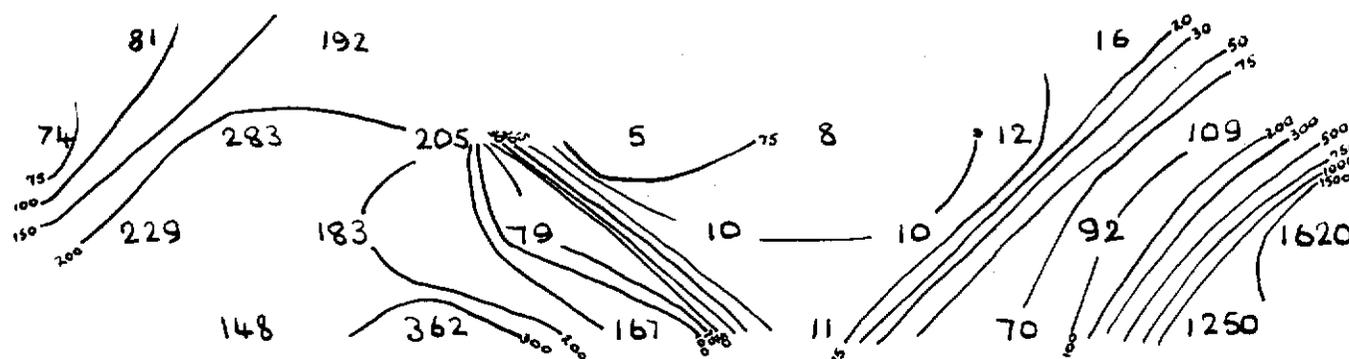
232058



I.P.SURVEY.
 Sterling Valley Area
 Line 0+00 CL 300ft Spreads
 Scale: 300 ft to inch
 Frequency: 2 1/2 + 1/4 cps
 Survey: B.H. & N.J.
 Traced: S.K. Date 3/61

057

232059



12W

9

6

3W

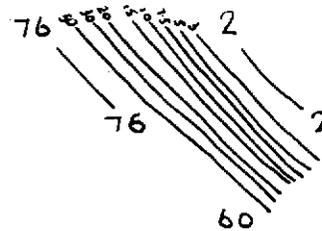
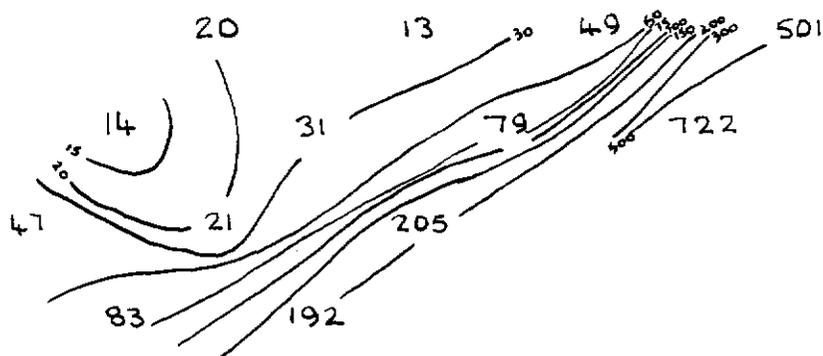
0

3E

6

9

12E



5 cm

I. P. SURVEY

Sterling Valley Area

Line 45 Sterling Valley Grid

300ft. Spreads

Scale: 300ft to 1 inch

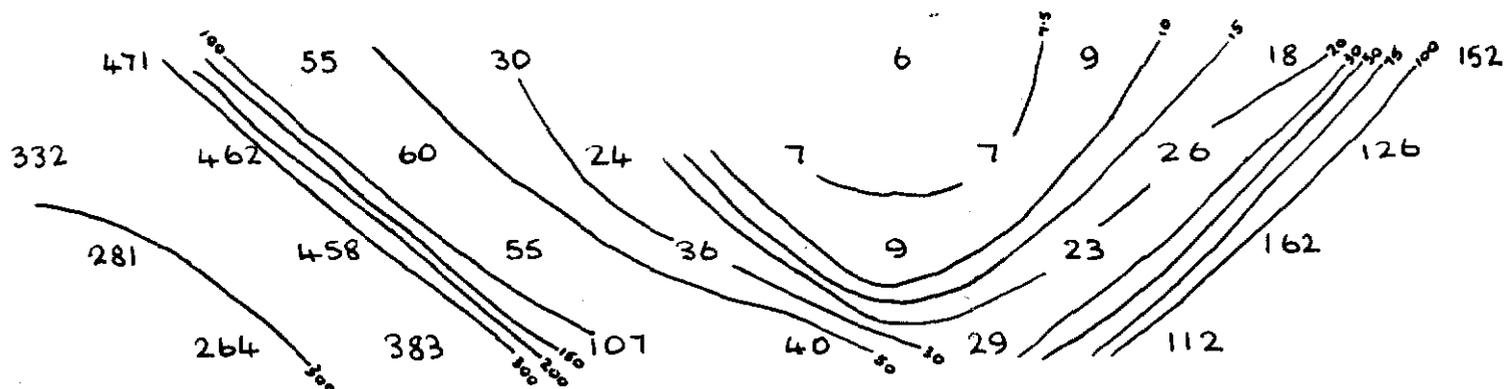
Frequency: $2\frac{1}{2} + \frac{1}{4}$ cps

Survey: BH & NJ

Traced: V.T. Date: 3/61

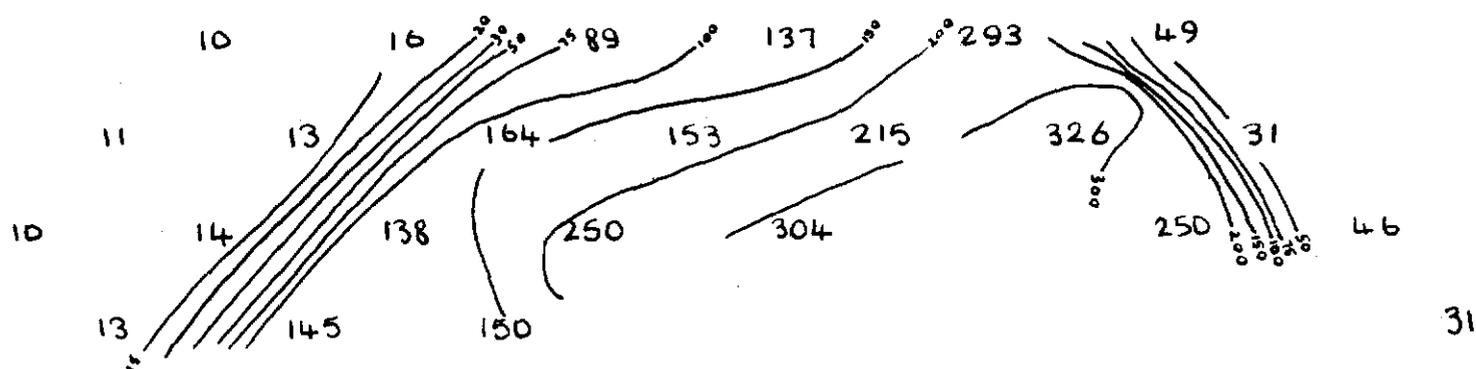
058

232060



TT

9W 7 5 3 1W 1E 3 5 7E



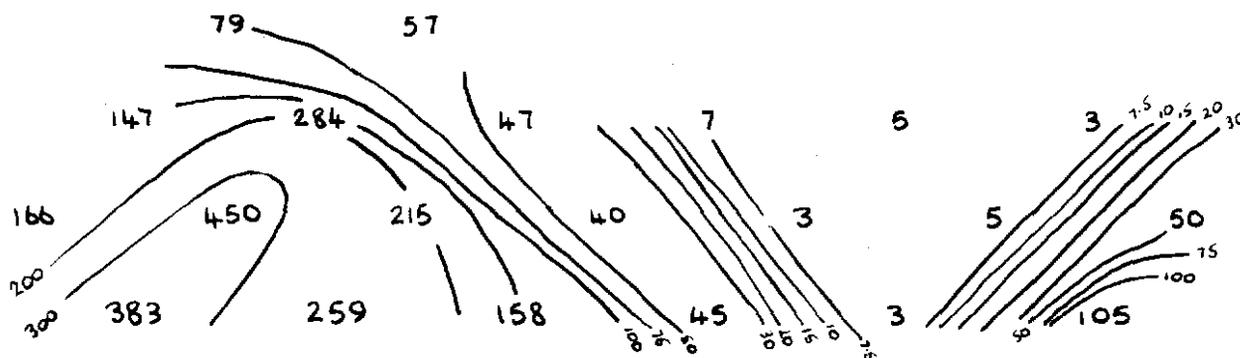
5 cm

I. P. SURVEY
 Sterling Valley Area
 Line 12S Sterling Valley Grid
 200ft Spreads

Scale: 200ft to 1 inch
 Frequency: $2\frac{1}{2} + \frac{1}{4}$ cps
 Survey: B.H. & N.J.
 Traced: V.T. Date 3/61.

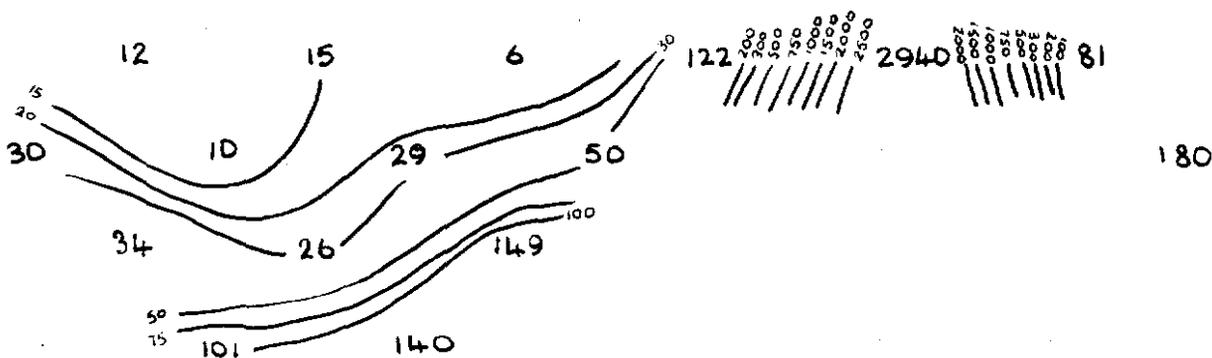
059

232061



TT

15W 12 9 6 3W 0 3E 6 9E



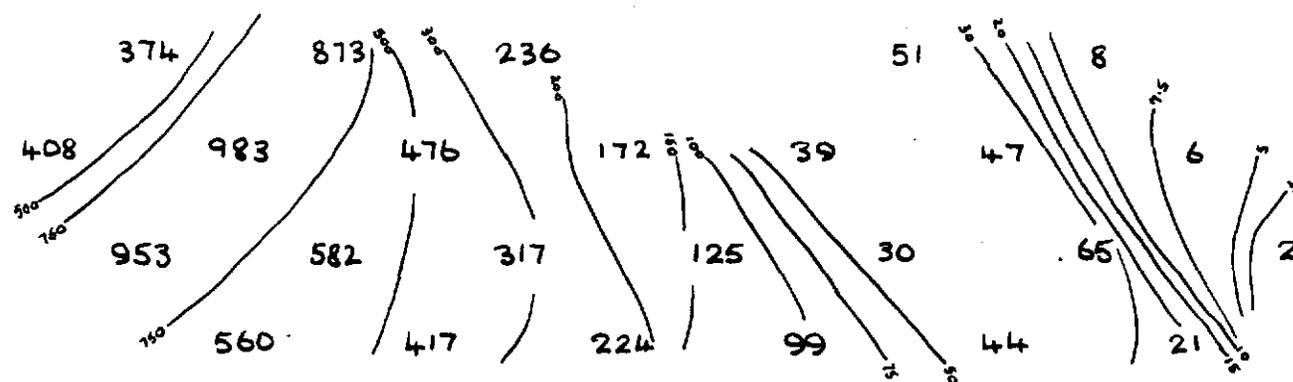
5 cm

I. P. SURVEY
 Sterling Valley Area.
 Line 205 Sterling Valley Grid.
 300ft Spreads.

Scale: 300ft to 1 inch
 Frequency: $2\frac{1}{2} + \frac{1}{4}$ cps
 Survey: B.H. & N.J.
 Traced: V.T. Date 3/61

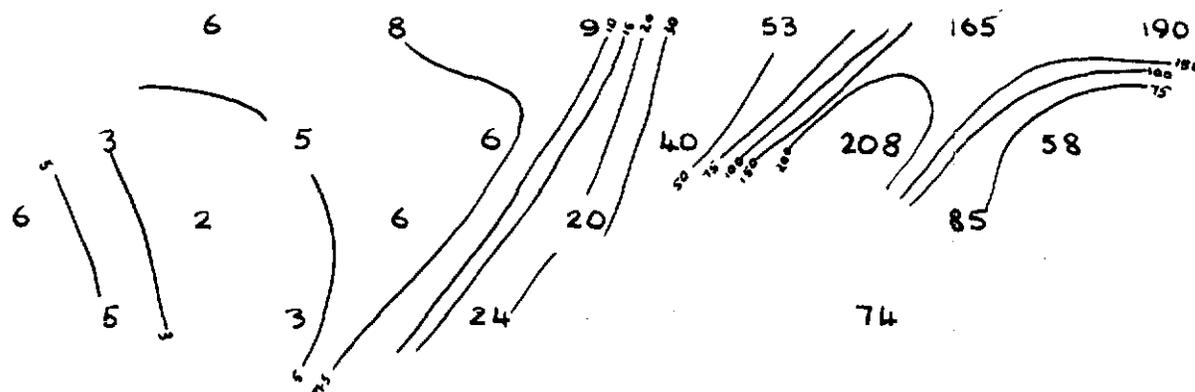
060

232062



T

13W 11 9 7 5 3 1W 1E 3E



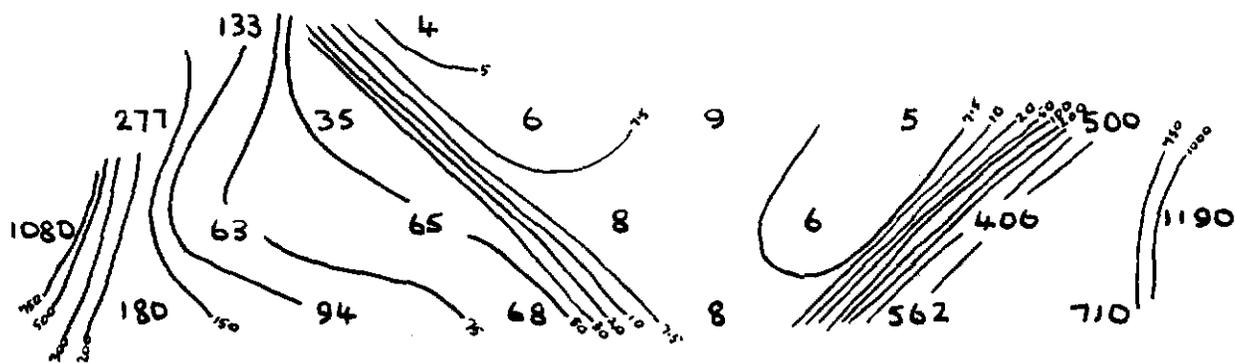
5 cm

I. P. SURVEY.
 Sterling Valley Area
 Line 24S Sterling Valley Grid
 200ft Spreads

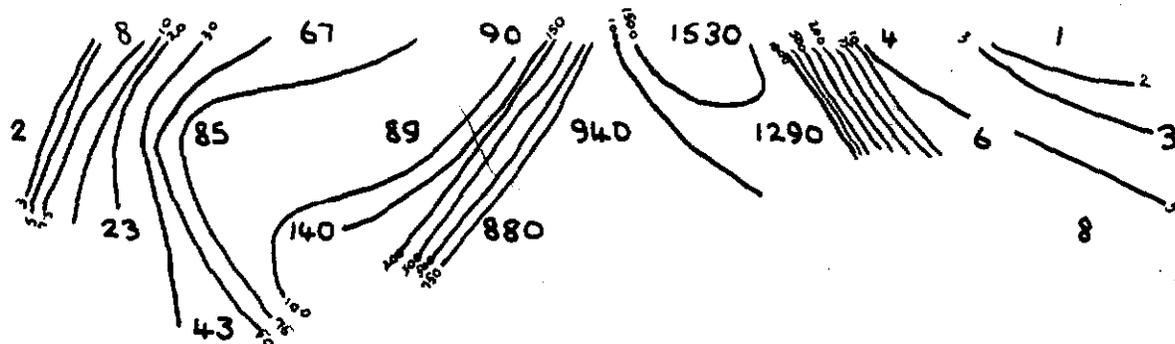
Scale 200ft to 1 inch
 Frequency: 2½ + ¼ cps
 Survey: B.H. & N.J.
 Traced: V.T. Date: 3/68

061

232063



12W 9 6 3W 0 3E 6 9 12E



5 cm

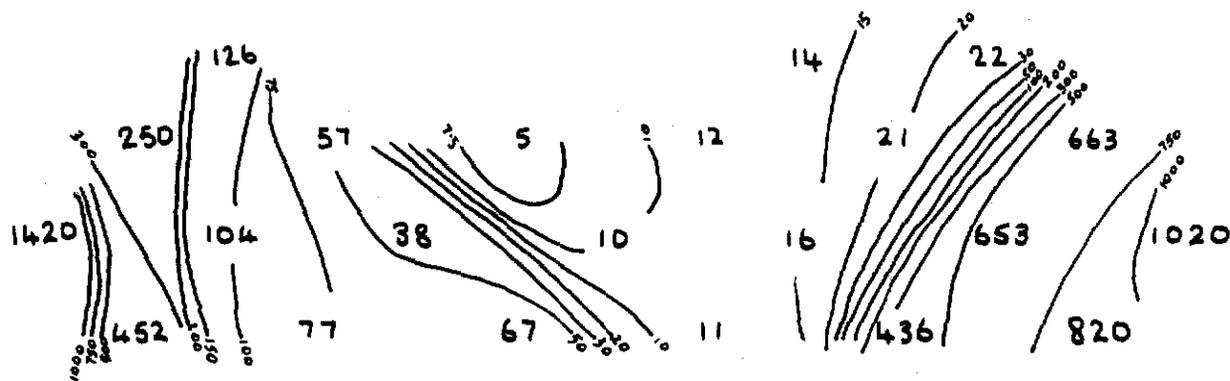
I. P. SURVEY

Sterling Valley Area
Line 28S Sterling Valley Grid
300ft Spreads

Scale: 300ft to 1 inch
Frequency: $2\frac{1}{2} + \frac{1}{4}$ cps
Survey: B.H. & NJ
Traced: V.T. Date: 3/61

063

232065



TT

12W

9

6

3W

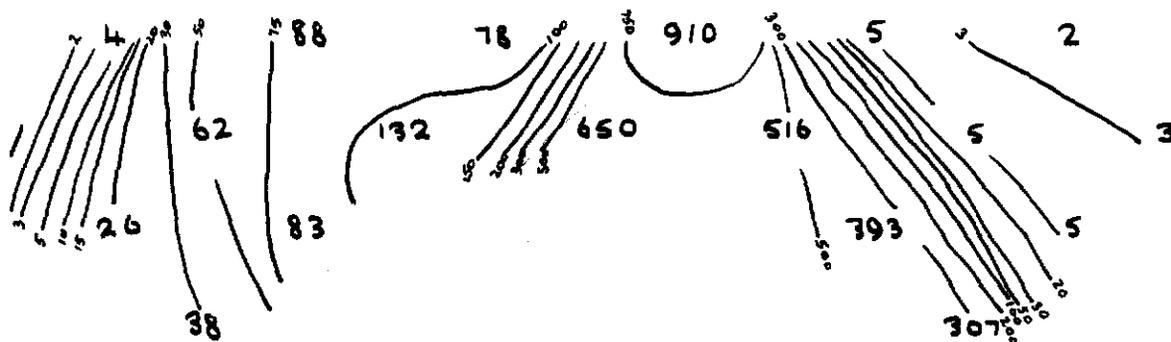
0

3E

6

9

12E



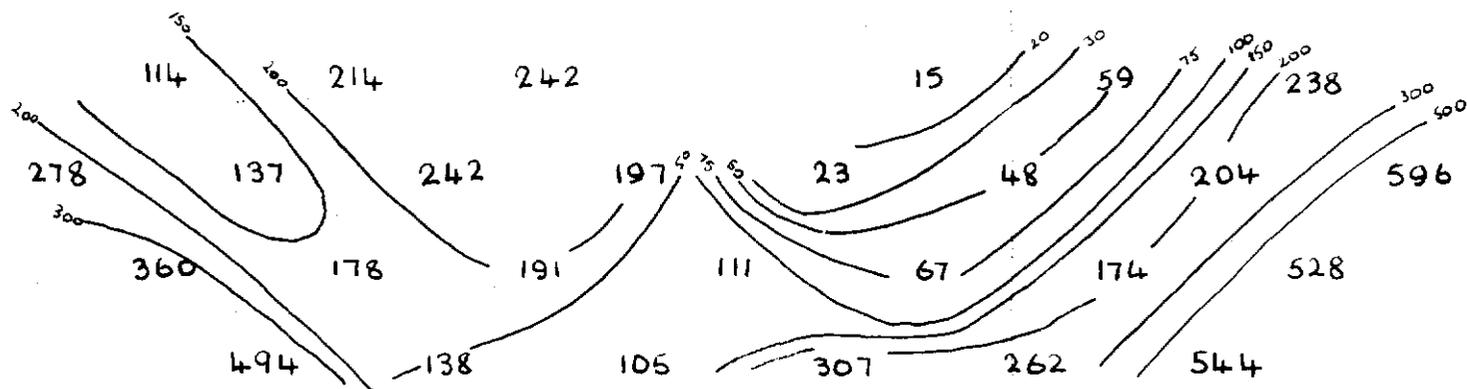
5 cm

I. P. SURVEY
 Sterling Valley Area
 Line 36S Sterling Valley Grid
 300ft. Spreads

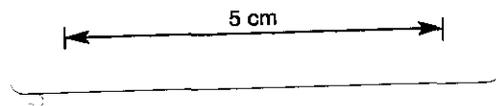
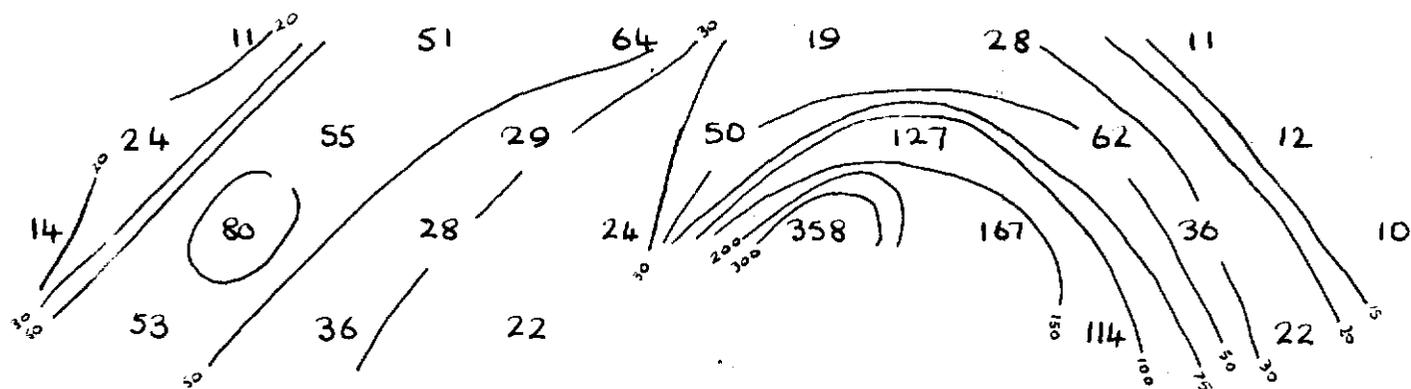
Scale: 300ft to 1 inch
 Frequency: 2 1/2 to 1/2 cps
 Survey: B.H. & N.J.
 Traced: V.T. Date 3/61

065

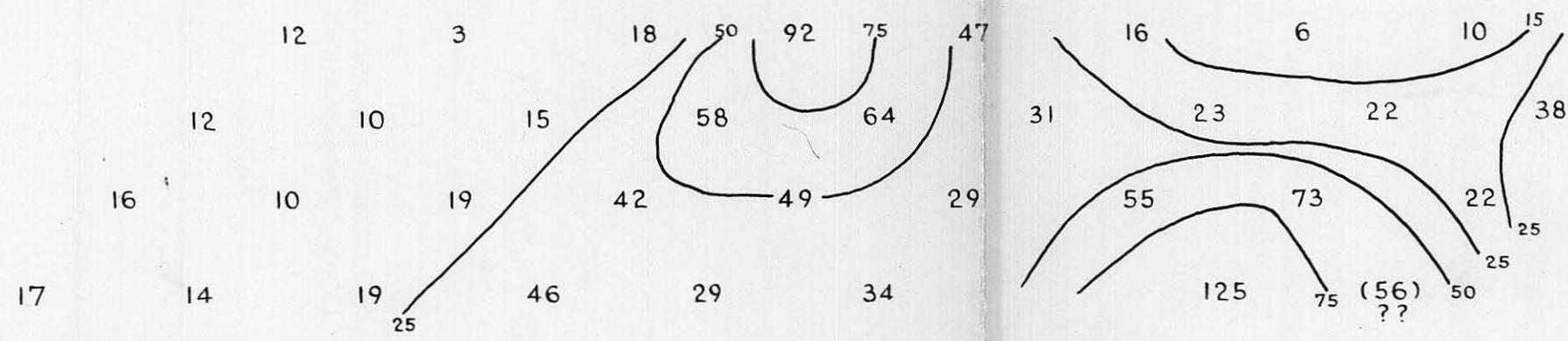
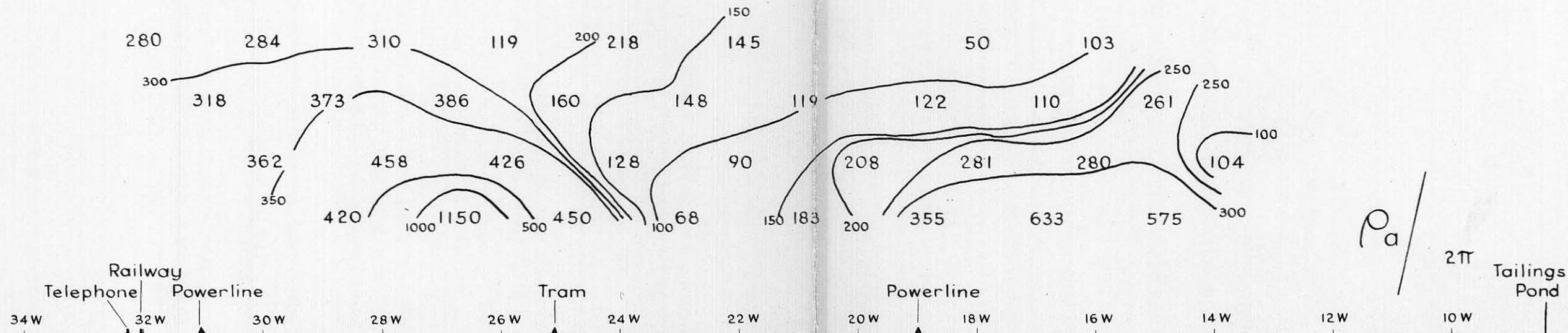
222067



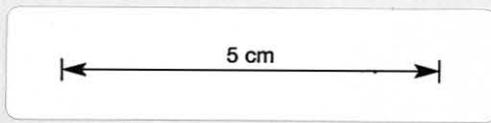
28W 26 24 22 20 18 16 14 12W



I. P. SURVEY
 Rosebery Area
 Line 3N Grid
 200ft Spreads
 Scale: 200ft to 1 inch
 Frequency: $2\frac{1}{2} + \frac{1}{4}$ cps
 Survey: BH. & NJ.
 Traced: V.T. Date 3/61



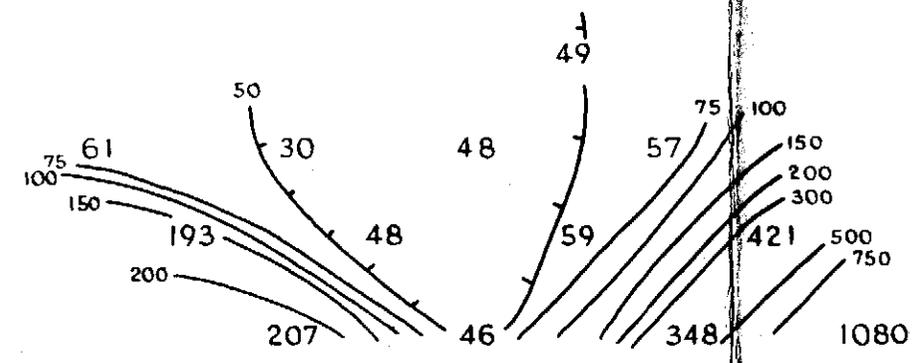
Apparent Metal Factor



I. P. SURVEY
 Rosebery Area
 Line 8 N 200 ft. Spreads
 Scale: 200 ft. to 1 inch
 Frequency: 1/4 + 2.5 c/s
 Survey: E.W.
 Traced: D.S. Date: 3/60

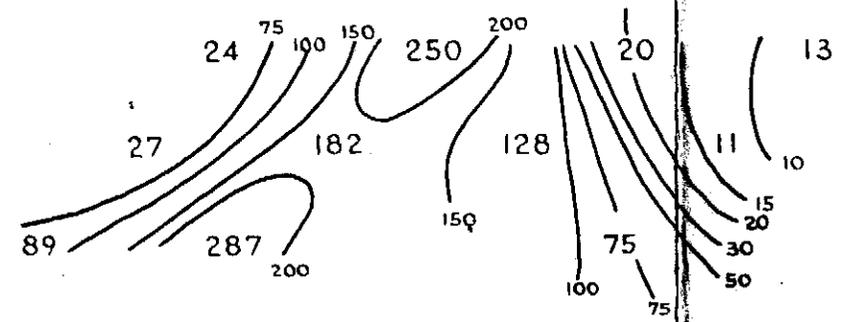
067

232069

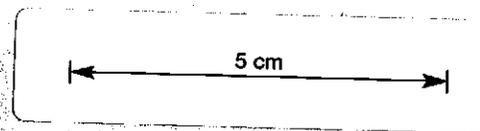


ρ_0 / 2π

36 W 32 W 28 W 24 W 20 W 16 W 12 W 8 W 4 W 0



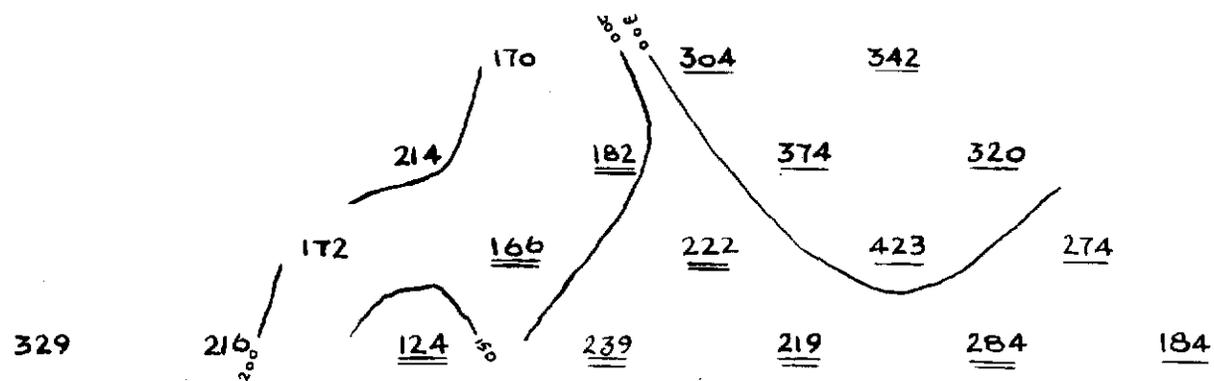
Apparent
Metal Factor



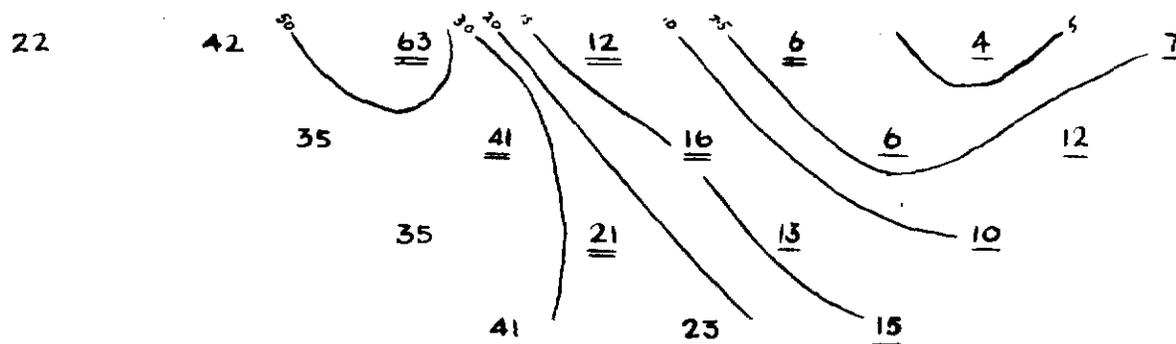
I. P. SURVEY
 Rosebery Area
 Line Magazine 400ft. Spreads
 Repeat Run with Powerlines off
 Scale: 400 ft. to 1 inch
 Frequency: $\frac{1}{4} + 2.5$ c/s
 Survey: E.W.
 Traced: D.S. Date: 3/60

068

232070



72W 68 64 60 56 52 48 44 40 36W



— 1960 Survey
 = 1961 Survey
 * To be completed.

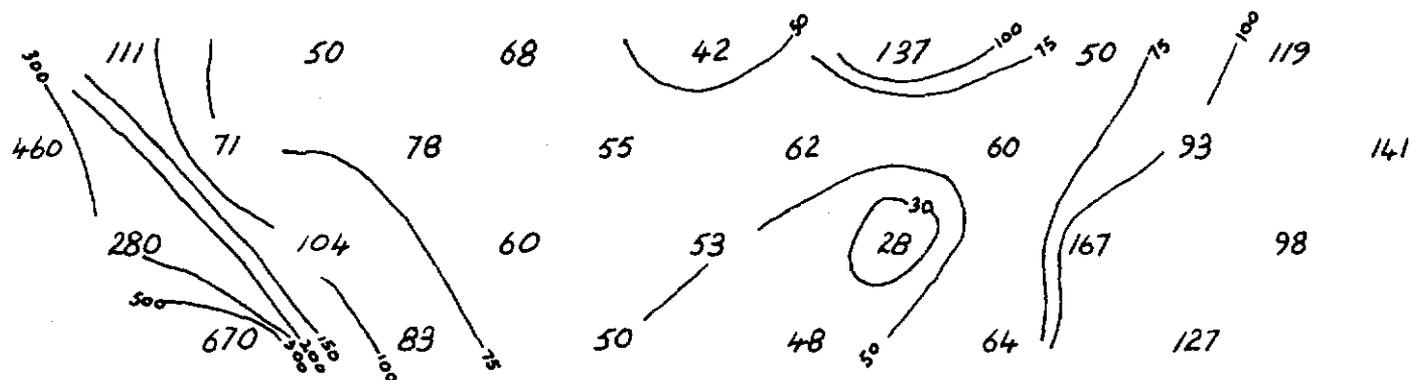
5 cm

I.P. SURVEY.

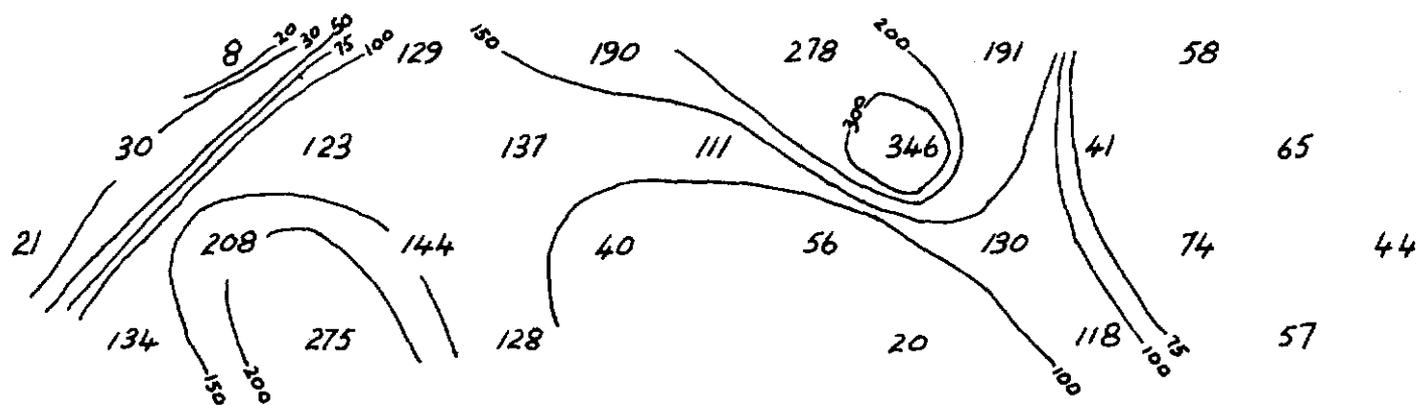
Rosebery Area.
 Line Magazine (Extension of Y0170)
 400 ft to 1 inch
 Scale: 400 ft to 1 inch
 Frequency: $2\frac{1}{2} + \frac{1}{4}$ c.p.s
 Survey: BH & E.D.
 Traced: S.K. Date: 3/62

009

232071



26'W 25 24 23 22 21 20 19 18'W

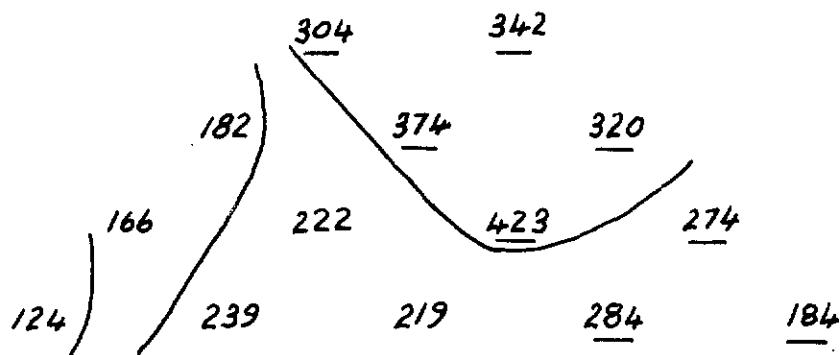


5 cm

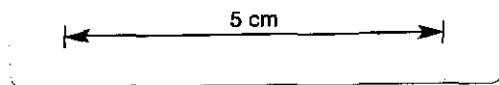
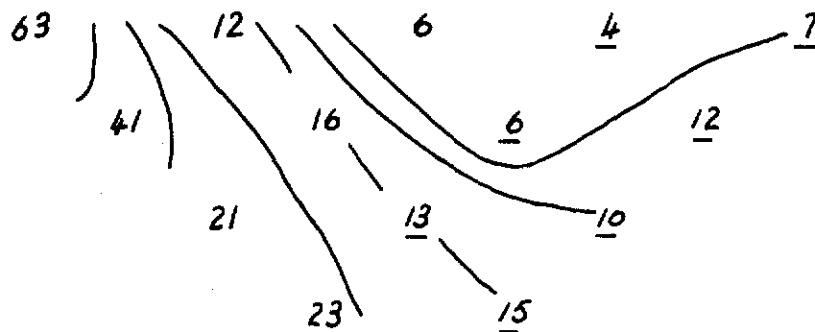
I.P. SURVEY.
 Rosebery Area
 Line Magazine 100ft Spreads
 Scale: 100 Ft to 1 inch
 Frequency: $2\frac{1}{2} + \frac{1}{4}$ cps.
 Survey: BH. & N.J.
 Traced: S.K. Date 3/61

232072

070



60W 56 52 48 44 40 36W



* Underlined readings from
Previous years survey.

I.P. SURVEY.
Rosebery Area
Line Magazine Extension of Y0170
400 ft Spreads

Scale: 400ft to 1inch

Frequency: $2\frac{1}{2} + \frac{1}{4}$ cps

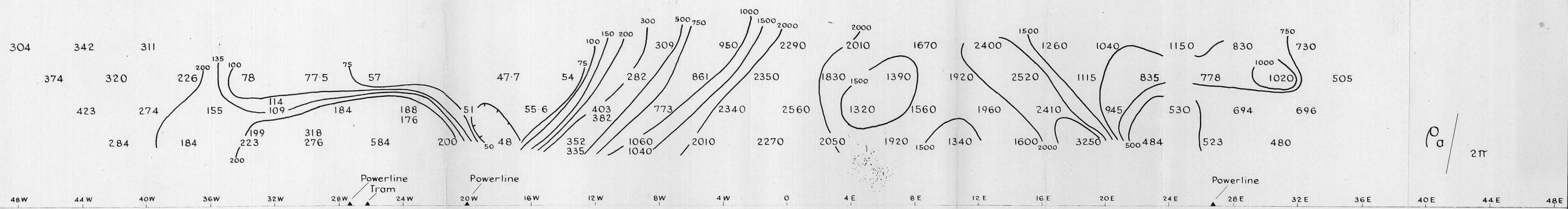
Survey: B.H. & N.J.

Traced: S.K.

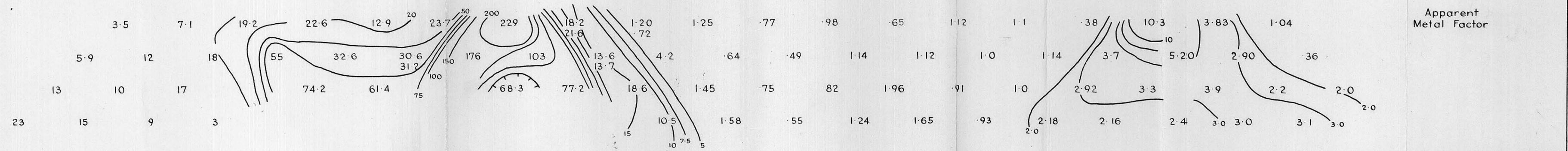
Date: 3/61

071

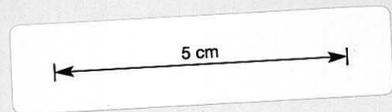
232073



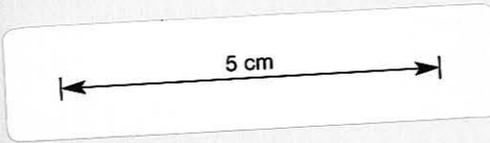
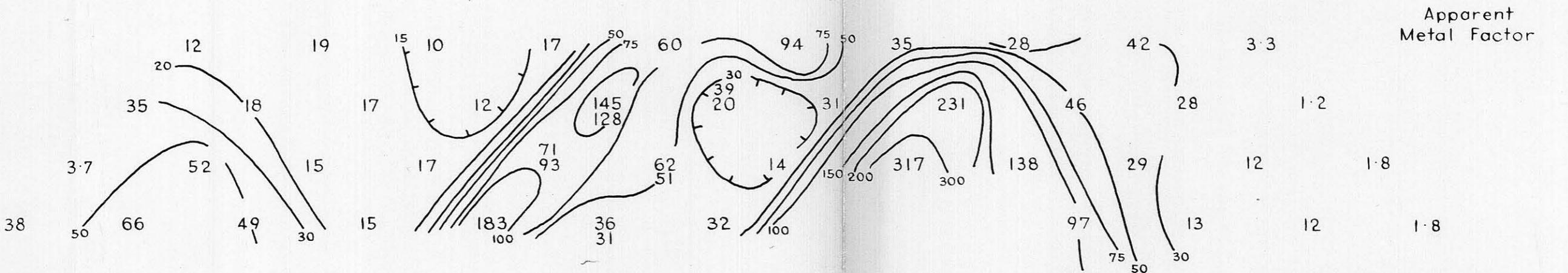
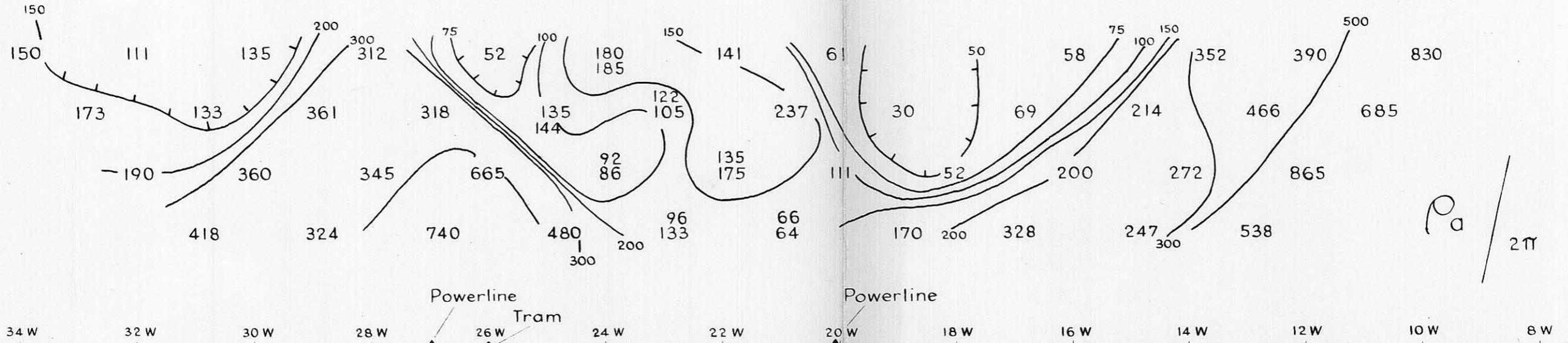
$$\frac{\rho_a}{2\pi}$$



Apparent Metal Factor



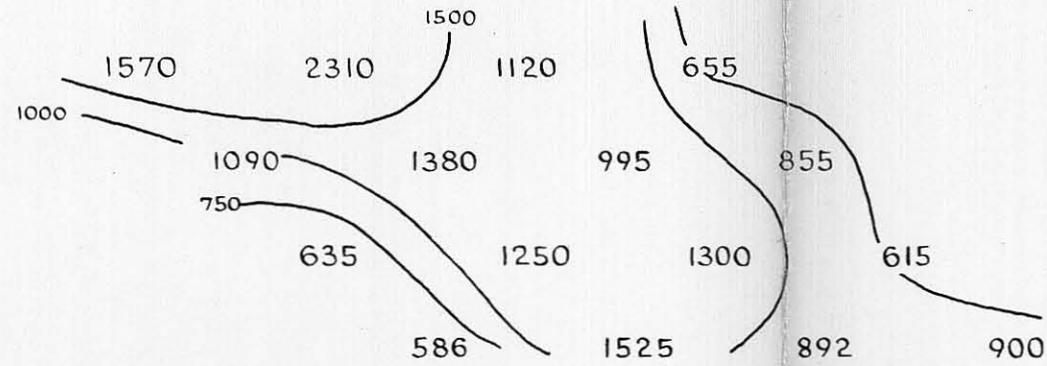
I. P. SURVEY
 Rosebery Area
 Line Magazine 400ft. Spreads
 Scale: 400ft. to 1 inch
 Frequency: $\frac{1}{4} + 2.5$ c/s
 Survey: E.W.
 Traced: D.S. Date: 3/60



I. P. SURVEY
 Rosebery Area
 Line Magazine 200ft. Spreads
 Scale: 200 ft. to 1 inch
 Frequency: $\frac{1}{4} + 2.5$ c/s
 Survey: E.W.
 Traced: D.S. Date: 3/60

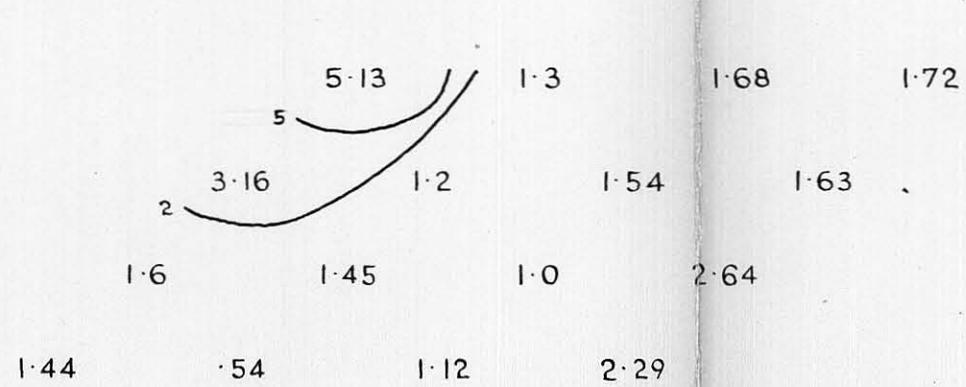
074

232076

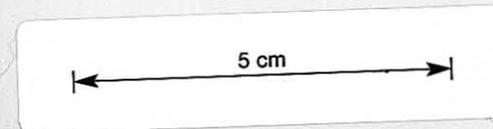


$$\frac{\rho_a}{2\pi}$$

8W 6W 4W 2W 0 2E 4E 6E 8E



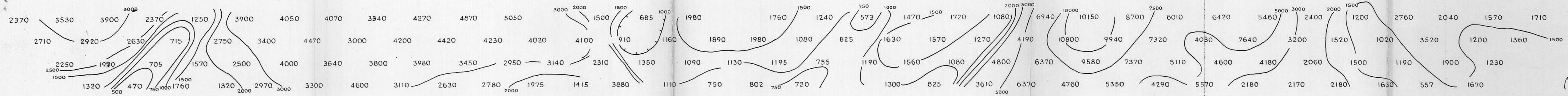
Apparent
Metal Factor



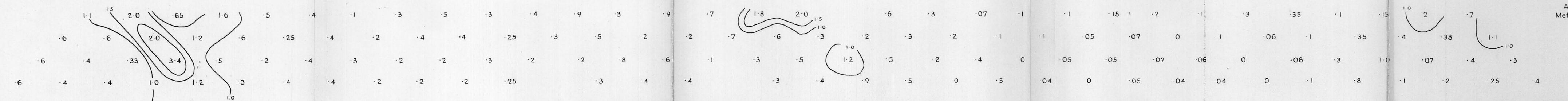
I. P. SURVEY
 Rosebery Area
 Line Koonya 200ft. Spreads
 Scale: 200 ft. to 1 inch
 Frequency: $\frac{1}{4} + 2.5$ c/s
 Survey: E.W.
 Traced: D.S. Date: 3/60

075

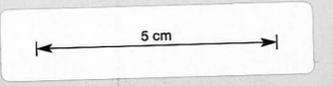
232077



22 E 26 E 30 E 34 E 38 E 42 E 46 E 50 E 54 E 58 E 62 E 66 E 70 E 74 E 78 E 82 E 86 E 90 E 94 E 98 E 102 E 106 E 110 E 114 E 118 E 122 E 126 E 130 E 134 E 138 E 142 E 146 E 150 E 154 E 158 E 162 E 166 E



Apparent Metal Factor

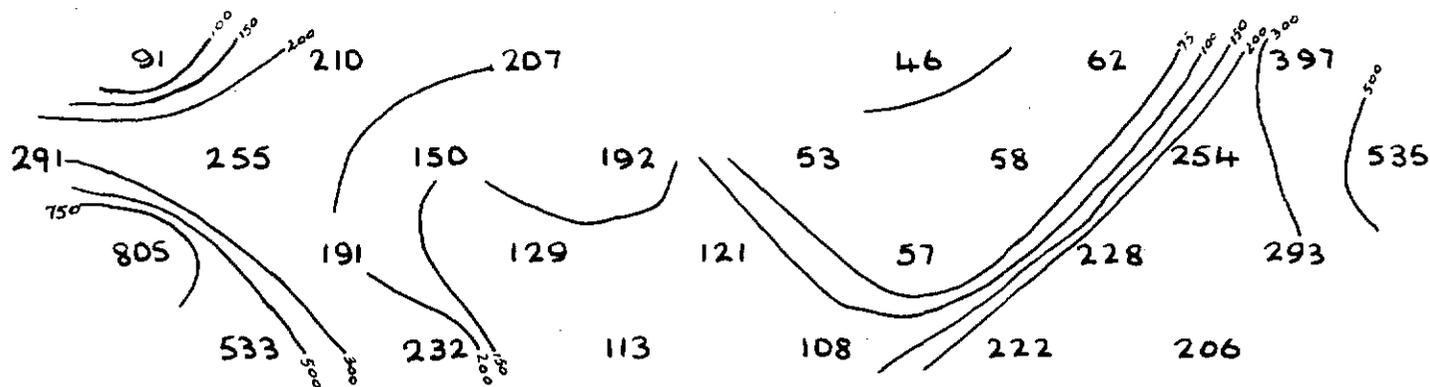


I. P. SURVEY
 Rosebery Area
 Line Pieman 400ft. Spreads
 Scale: 400ft to 1 inch
 Frequency: 1/4 + 2.5 c/s
 Survey: E.W.
 Traced: D.S. Date: 3/60

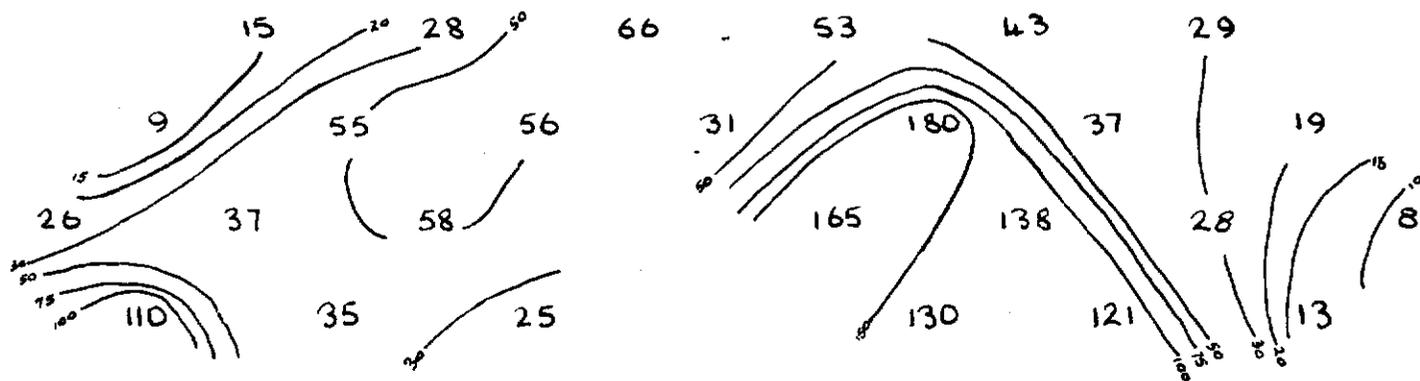
65-407

076

232078



28W 26 24 22 20 18 16 14 12W



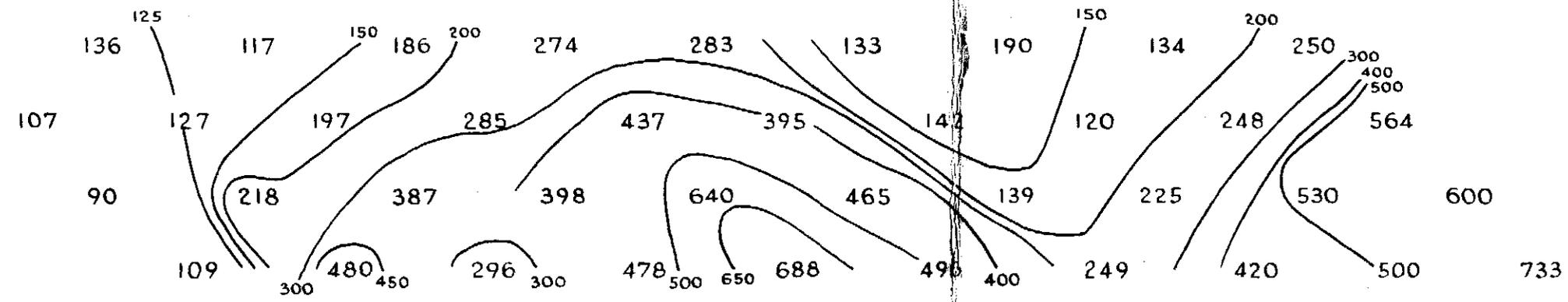
5 cm

I. P. SURVEY
 Rosebery Area
 Line 35 Grid
 200ft Spreads

Scale: 200ft to 1 inch
 Frequency: $2\frac{1}{2} + \frac{1}{4}$ cps
 Survey: B.H. N.J.
 Traced V.T. Date: 3/61

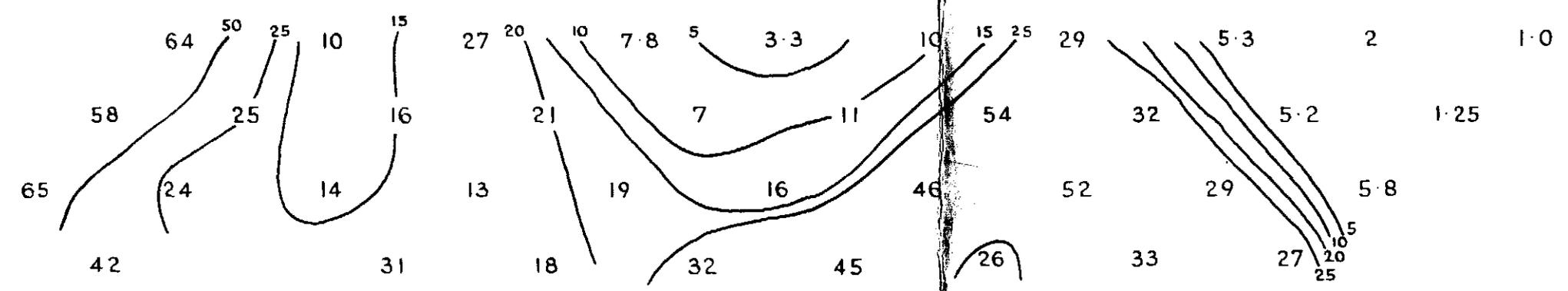
074

232079

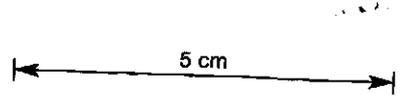


ρ_a / 2π

32W 30W 28W Tram 26W 24W Powerline 22W Telephone 20W 18W 16W 14W 12W 10W 8W



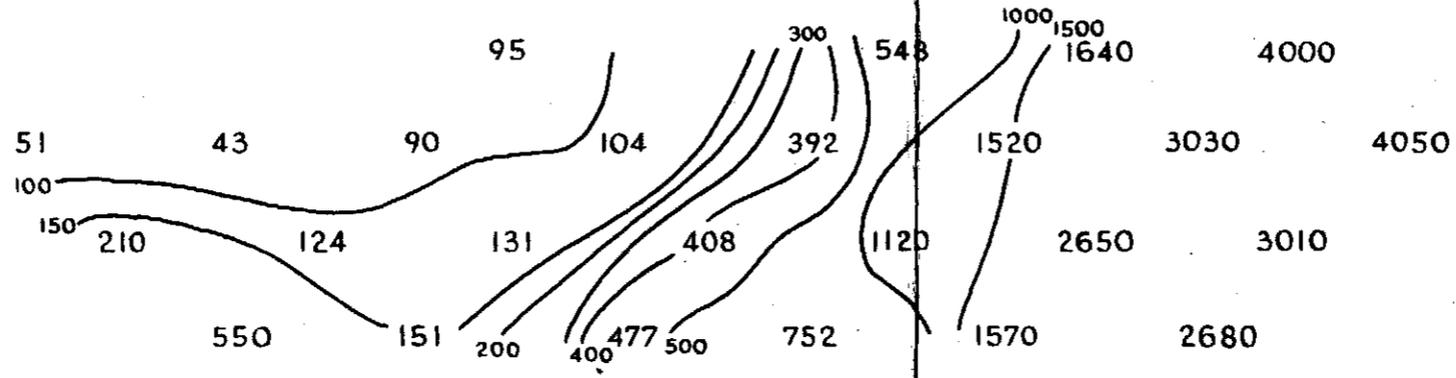
Apparent Metal Factor



I. P. SURVEY
 Roseberg Area
 Line 85 200 ft. Spreads
 Scale: 200 ft. to 1 inch
 Frequency: $\frac{1}{4} + 2.5$ c/s
 Survey: E.W.
 Traced: D.S. Date: 3/60

078

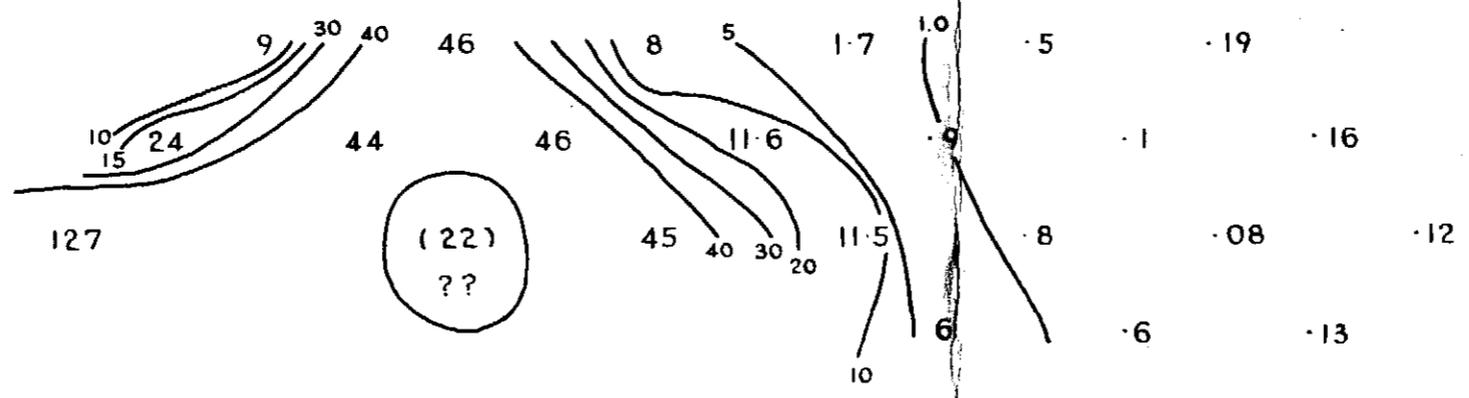
232080



ρ_a
2π

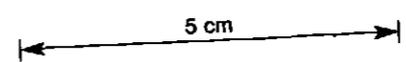
Contact

36 W 32 W 28 W 24 W 20 W 16 W 12 W 8 W 4 W 0 4 E 8 E 12 E



(22)
??

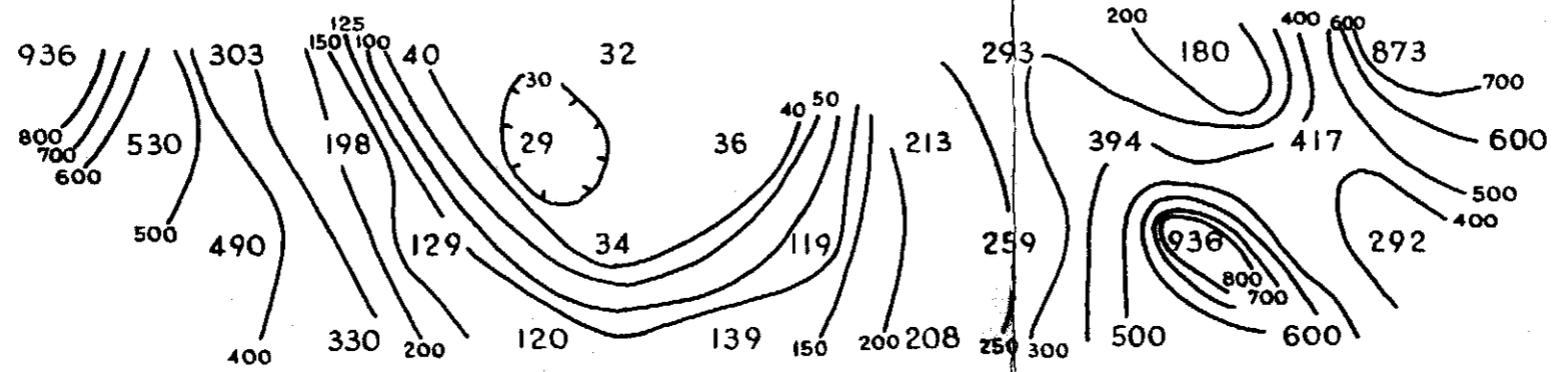
Apparent Metal Factor



I. P. SURVEY
 Rosebery Area
 Line 85 400ft. Spreads
 Scale: 400 ft. to 1 inch
 Frequency: 1/4 + 2.5 c/s
 Survey: E.W.
 Traced: D.S. Date: 3/60

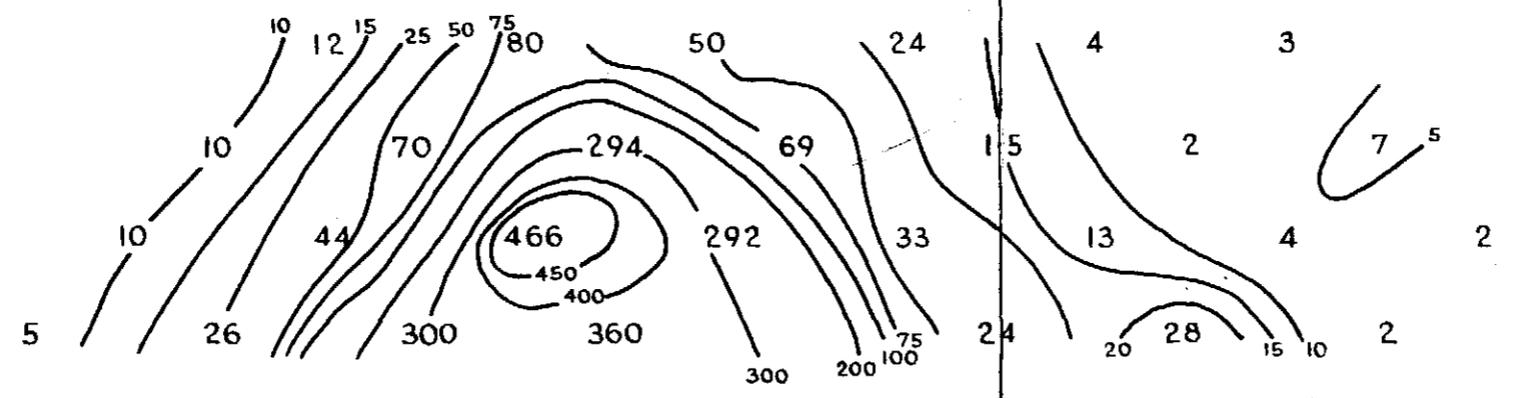
079

232081

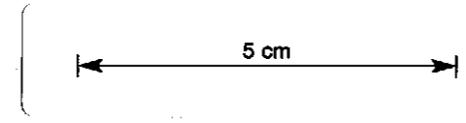


$\rho_a / 2\pi$

8W 6W 4W 2W 0 2E 4E 6E 8E 10E 12E 14E 16E



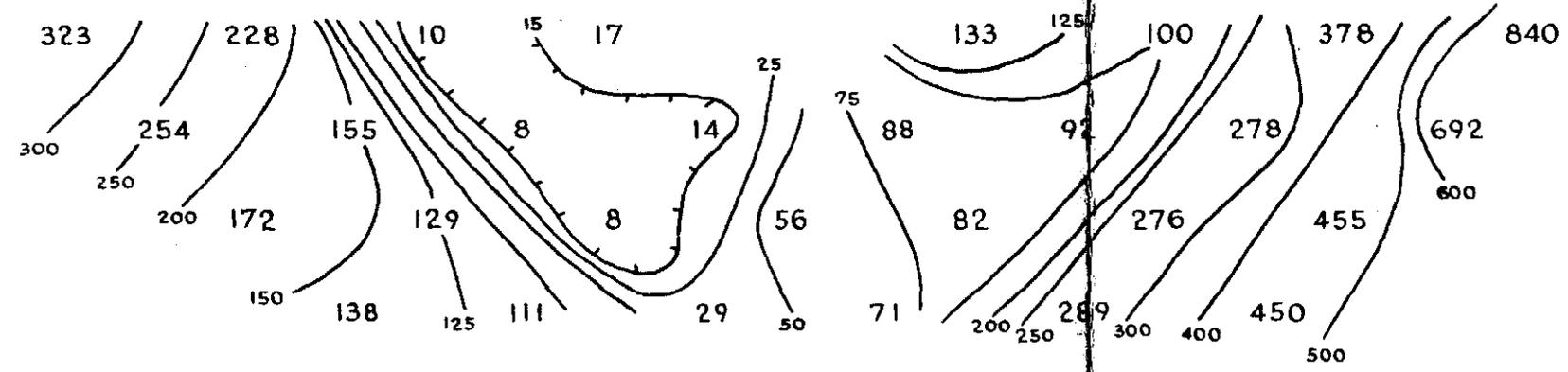
Apparent Metal Factor



I. P. SURVEY
 Rosebery Area
 Line 12 S - Mt. Murchison Grid
 200 ft. Spreads
 Scale: 200 ft. to 1 inch
 Frequency: $\frac{1}{4} + 5$ c/s
 Survey: E.W.
 Traced: D.S. Date: 3/60

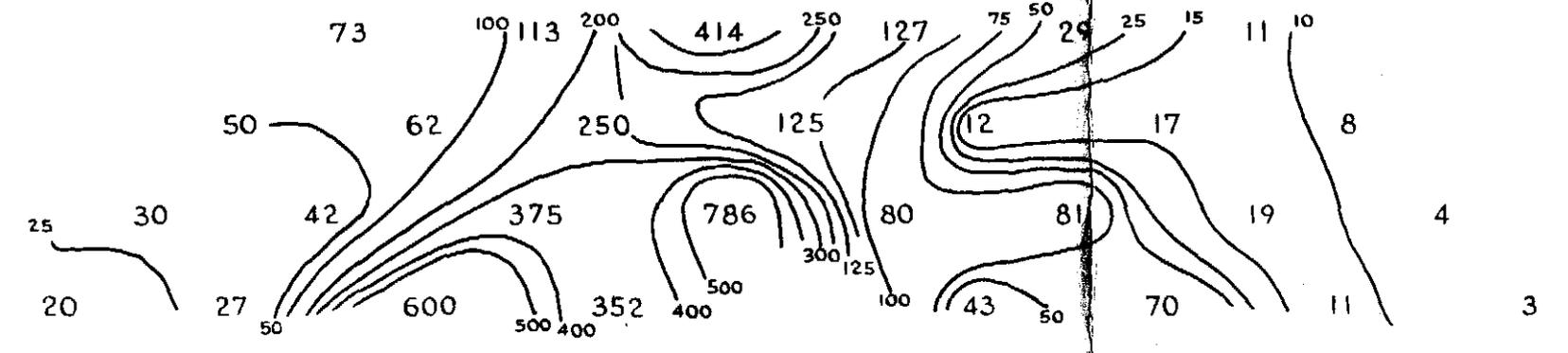
030

232082

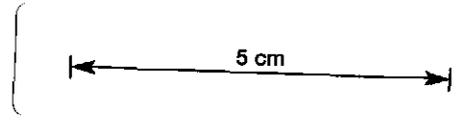


$\rho_a / 2\pi$

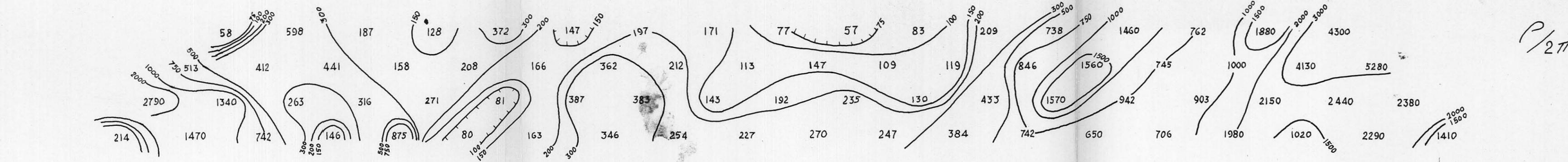
6 W 4 W 2 W 0 2 E 4 E 6 E 8 E 10 E 12 E 14 E 16 E



Apparent
Metal Factor

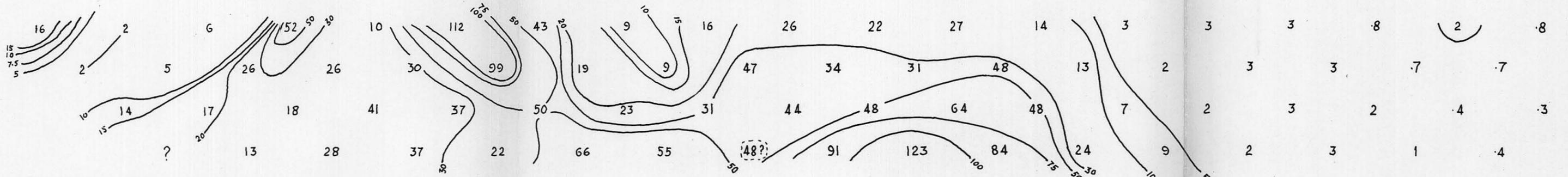


I. P. SURVEY
 Rosebery Area
 Line 205 Mt Murchison Grid
 200 ft. Spreads
 Scale: 200 ft. to 1 inch
 Frequency: $\frac{1}{4} + 5$ c/s
 Survey: E.W.
 Traced: D.S. Date: 3/60

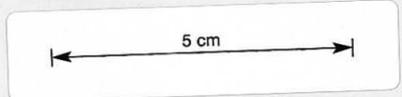


45 W 41 W 37 W 33 W 29 W 25 W 21 W 17 W 13 W 9 W 5 W 1 W 3 E 7 E 11 E 15 E 19 E 23 E 27 E 31 E 35 E 39 E 43 E

Power Line Aerial Tram Power Line



M.F.

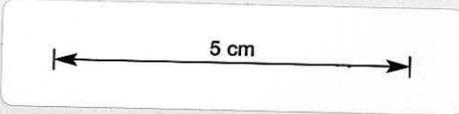
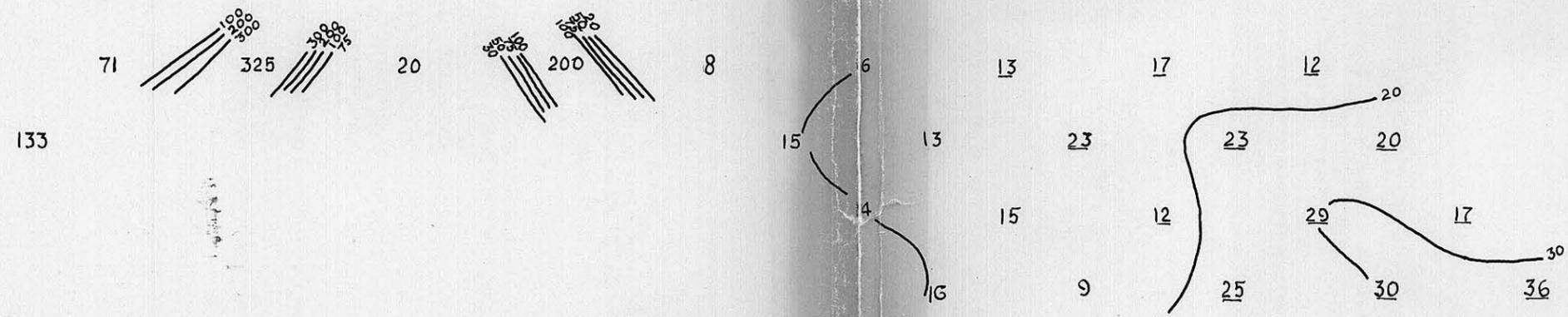
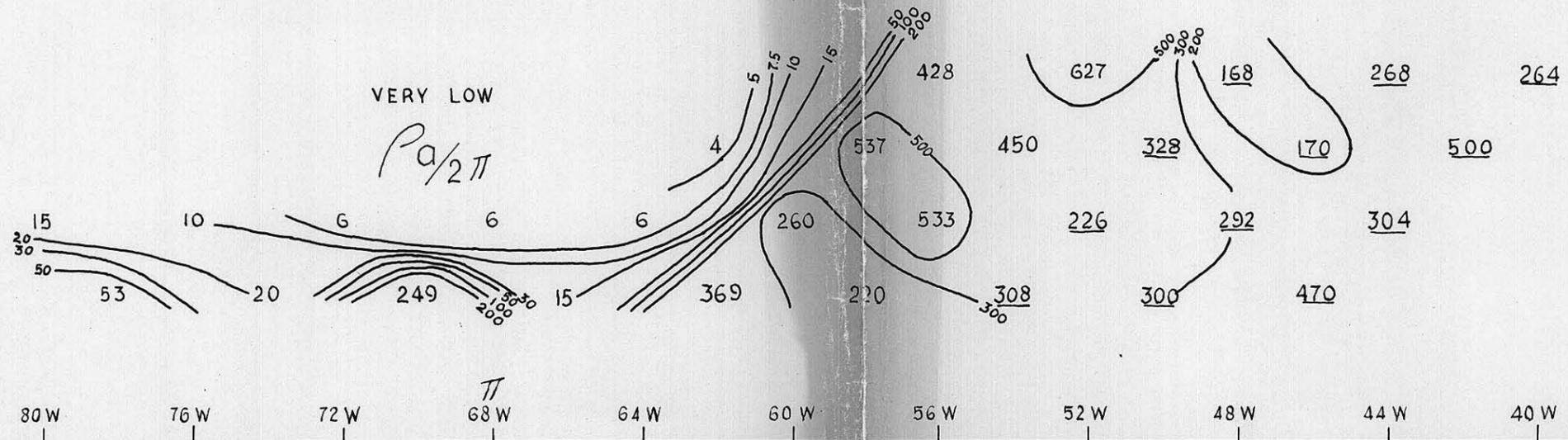


I. P. SURVEY
 Rosebery Area
 Line 25 S Natone Grid
 400 ft Spreads
 Scale: 400ft to 1 inch
 Frequency: 1/4 + 2 1/2 cps
 Survey: B.H. & N.J.
 Traced: P.V.A. Date: 1/61

082

082

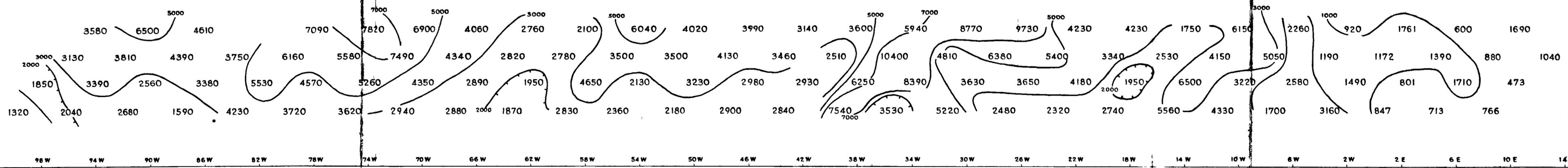
232084



I. P. SURVEY
 Rosebery Area
 Line 50S Natone Grid
 (Koonya Line Extension)
 400ft Spreads
 Scale: 400ft to 1 inch
 Frequency: $\frac{1}{4} + 2\frac{1}{2}$ c.p.s.
 Survey: B.H. & N.J.
 Traced: P.V.A. Date: 1/61

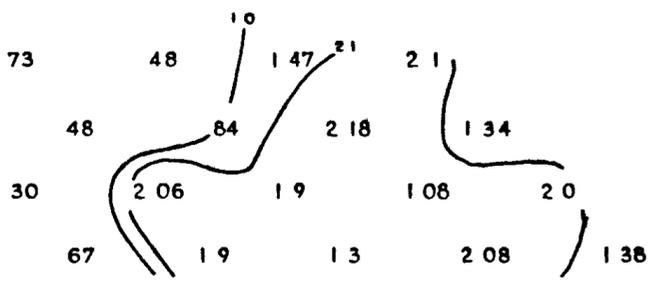
084

232086 084

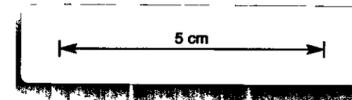


$\rho_a / 2\pi$

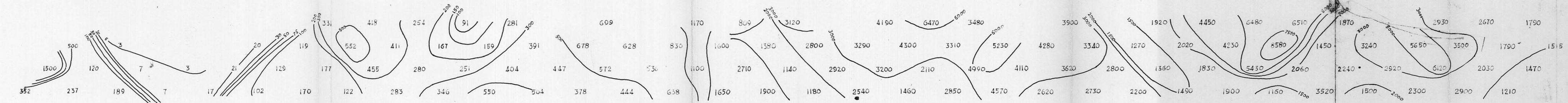
152	84	09	31	0	07	14	08	0	0	0	11	0	0	26	10	28	19	40	43	27	32	29
95	51	39	15	04	22	10	17	09	13	11	24	15	17	43	08	21	35	23	30	77	15	23
42	59	24	06	04	13	13	06	09	09	0	07	06	14	30	07	36	2	14	45	40	18	
62	23	11	0	10	11	18	09	0	0	12	06	08	21	12	11	05	12	35	43	12		



Apparent Metal Factor

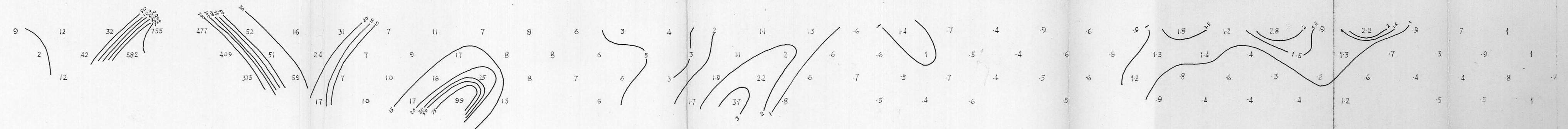


I P SURVEY
 Rosebery Area
 Line 80 S Mt Murchison Grid
 400ft Spreads
 Scale 400ft to 1 inch
 Frequency $\frac{1}{4} + 2.5$ c/s
 Survey EW
 Traced DS Date 3/60



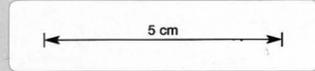
39,W 35,W 31,W 27,W 23,W 19,W 15,W 11,W 7,W 3,W 1,E 5,E 9,E 13,E 17,E 21,E 25,E 29,E 33,E 37,E 41,E 45,E 49,E 53,E 57,E 61,E 65,E 69,E 73,E 77,E 81,E 85,E 87,E 93,E 97,E 101,E 105,E 109,E

Aerial Tram
Power Line

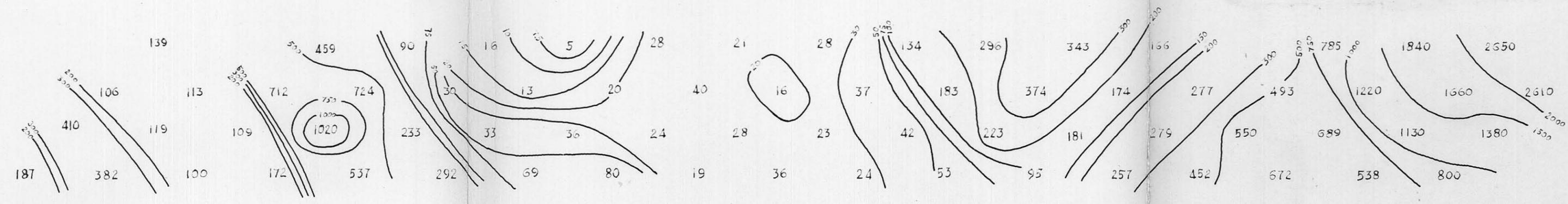


P/27

M.F.



I. P. SURVEY
 Rosebery Area
 Line 1005 Natone Grid
 400 ft Spreads
 Scale: 400 ft to 1 inch
 Frequency: 1/4 + 2 1/2 c.p.s.
 Survey: B.H. & N.J.
 Traced: P.V.A. Date: 1/61

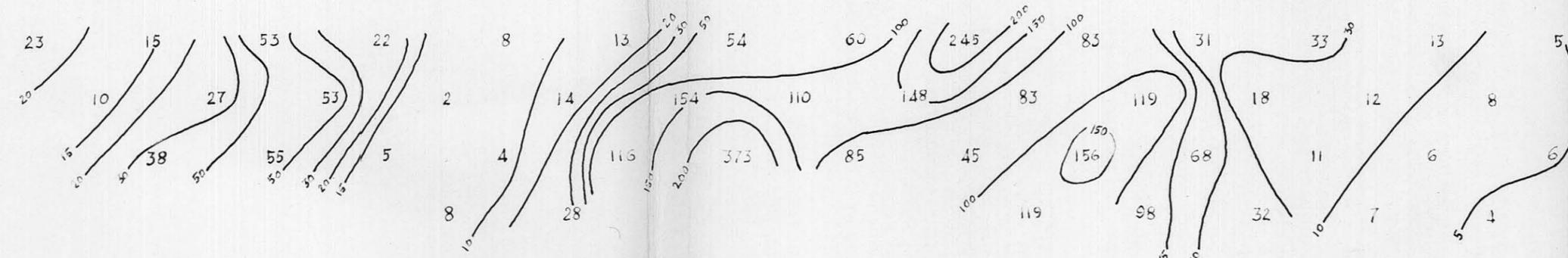


2/21

45 W 41 W 37 W 33 W 29 W 25 W 21 W 17 W 13 W 9 W 5 W 1 W 3 E 7 E 11 E 15 E 19 E 23 E 27 E 31 E 35 E 39 E 43 E

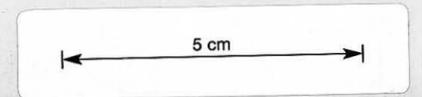
Aerial Tram

Power Line



3	1	1	1
3	8	2	6
3	2	9	0
0	1	3	2

M.F.



I. P. SURVEY
 Rosebery Area
 Line 1505 Natone Grid
 400 ft Spreads
 Scale: 400ft to 1 inch
 Frequency: 1/4 + 2 1/2 c.p.s.
 Survey: B.H. & N.J.
 Traced: P.V.A. Date: 1/61



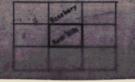
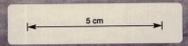
ELECTROLYTIC ZINC CO. OF ASIA
GEOLOGICAL DEPARTMENT

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Rosebery Grid

RED HILLS REGION

Scale 1 in = 20 chns.



RED HILLS REGION
SURFACE
23202 2146



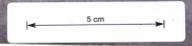
ELECTROLYTIC ZINC CO. OF AUSTRALIA
GEOLOGICAL DEPARTMENT

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Rosebery Grid

Scale 1 in = 20 chs.

ROSEBERY REGION



2145 ROSEBERY MOUNTAIN SURFACE

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