COMSTAFF PTY.LTD.

1965

I.P. PROFILES

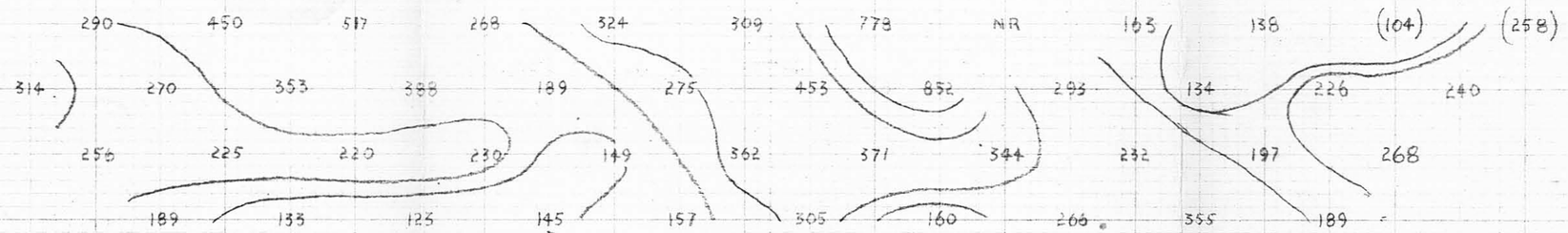
E.L. 5/63

N.W. TASMANIA

65 – 412

227002

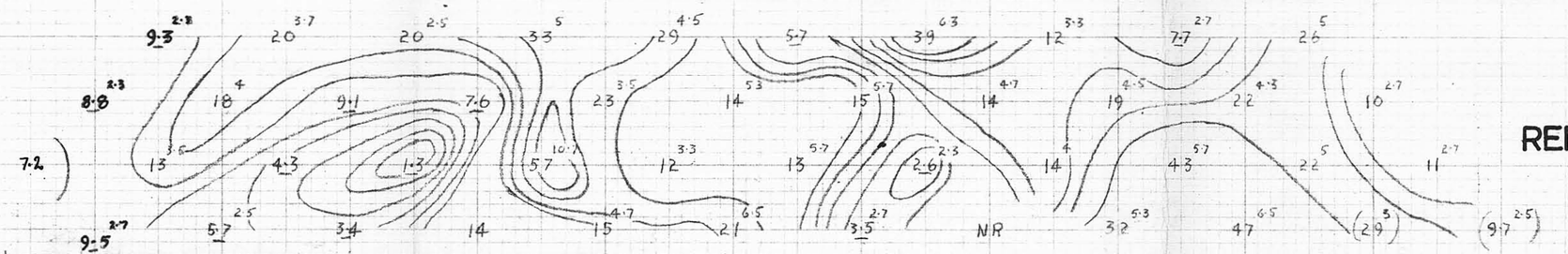
023





MF

B.H.S.L.



B H S L

RENISON BELL LINE 60W

FREQ : ¼ & 2·5 CPS

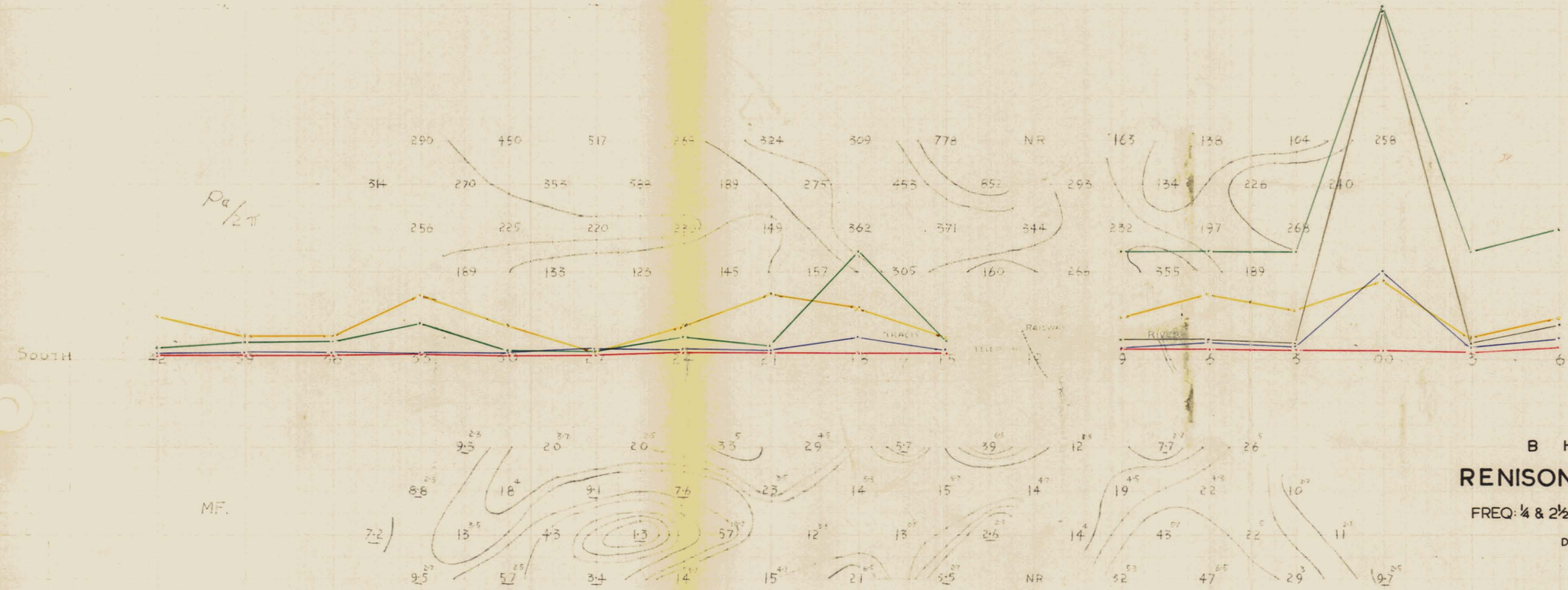
300' SPREAD

DATE: 22·3·64

5 cm

003

227003



B H S L

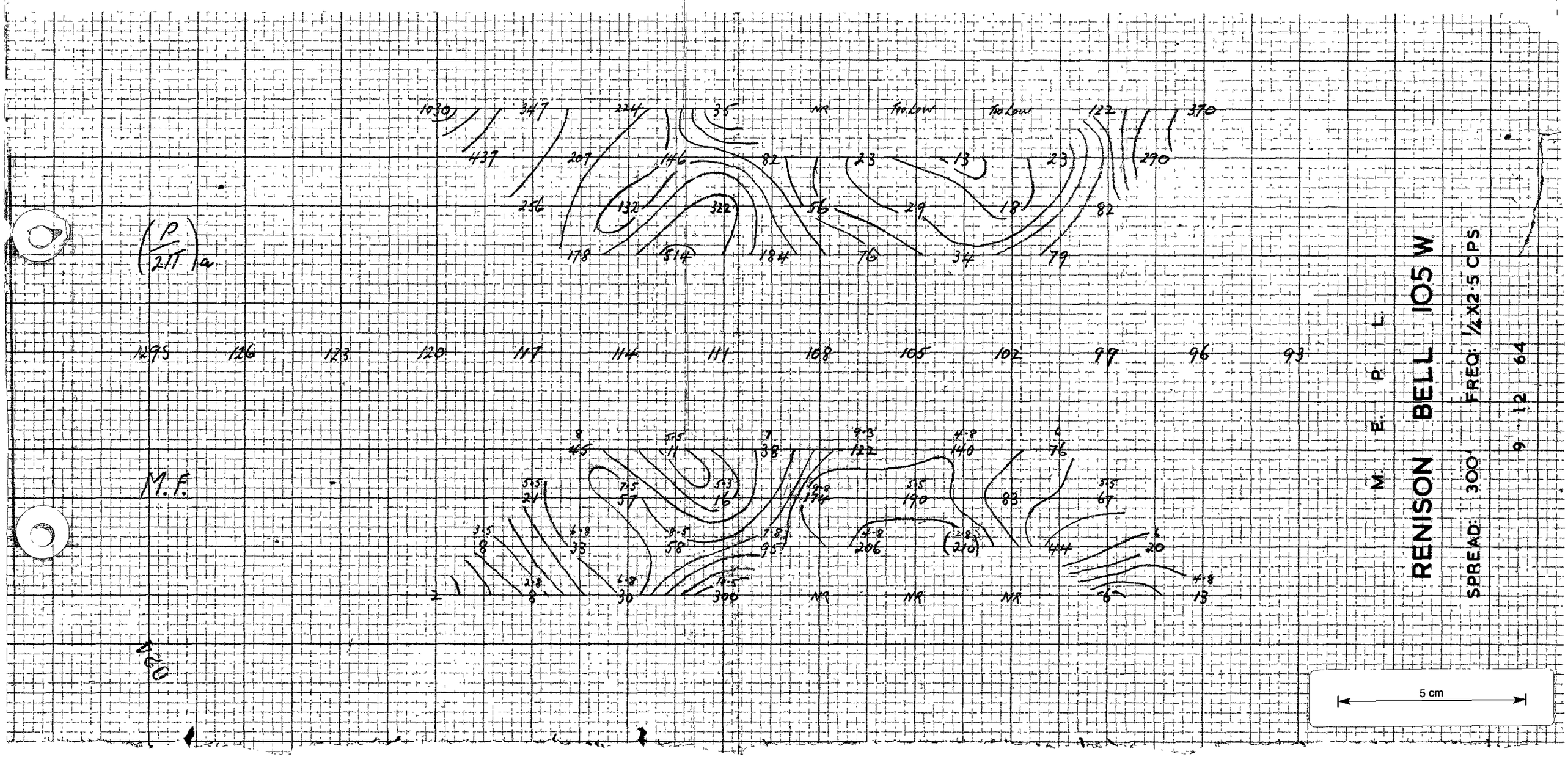
RENISON BELL 60W

FREQ: ¼ & 2½ CPS 300' SPREAD

DATE: 22 · 3 · 63

5 cm

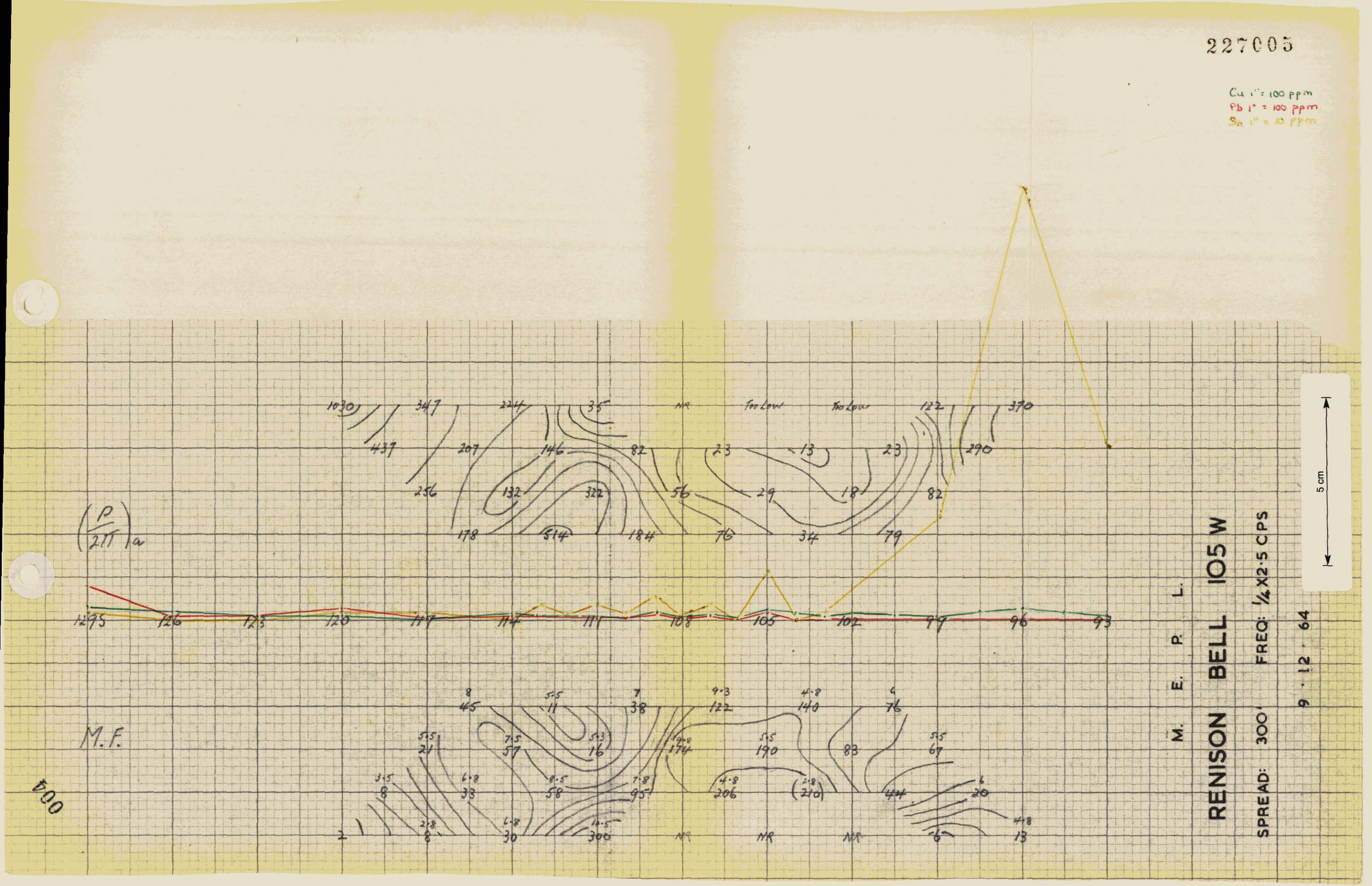
227004



$\left(\frac{\rho}{2\pi}\right)_a$
M.F.
1295 126 123 120 117 114 111 108 105 102 99 96 93
1030 347 224 35 NR Too Low Too Low 122 370
437 207 146 82 23 13 23 290
256 132 322 56 29 18 82
178 514 184 76 34 79
8 45 5.5 11 7 38 9.3 122 4.8 140 6 76
5.5 21 7.5 57 5.3 16 9.8 174 5.5 190 83 5.5 67
3.5 8 6.8 33 8.5 58 7.8 95 4.8 206 2.8 210 44 6 20
2 2.8 8 6.8 30 10.5 300 NR NR NR 6 4.8 13
M. E. P. L.
RENISON BELL 105 W
SPREAD: 300' FREQ: 1/4 X 2.5 CPS
9 12 64
5 cm

227005

Cu 1" = 100 ppm
Pb 1" = 100 ppm
Zn 1" = 10 ppm



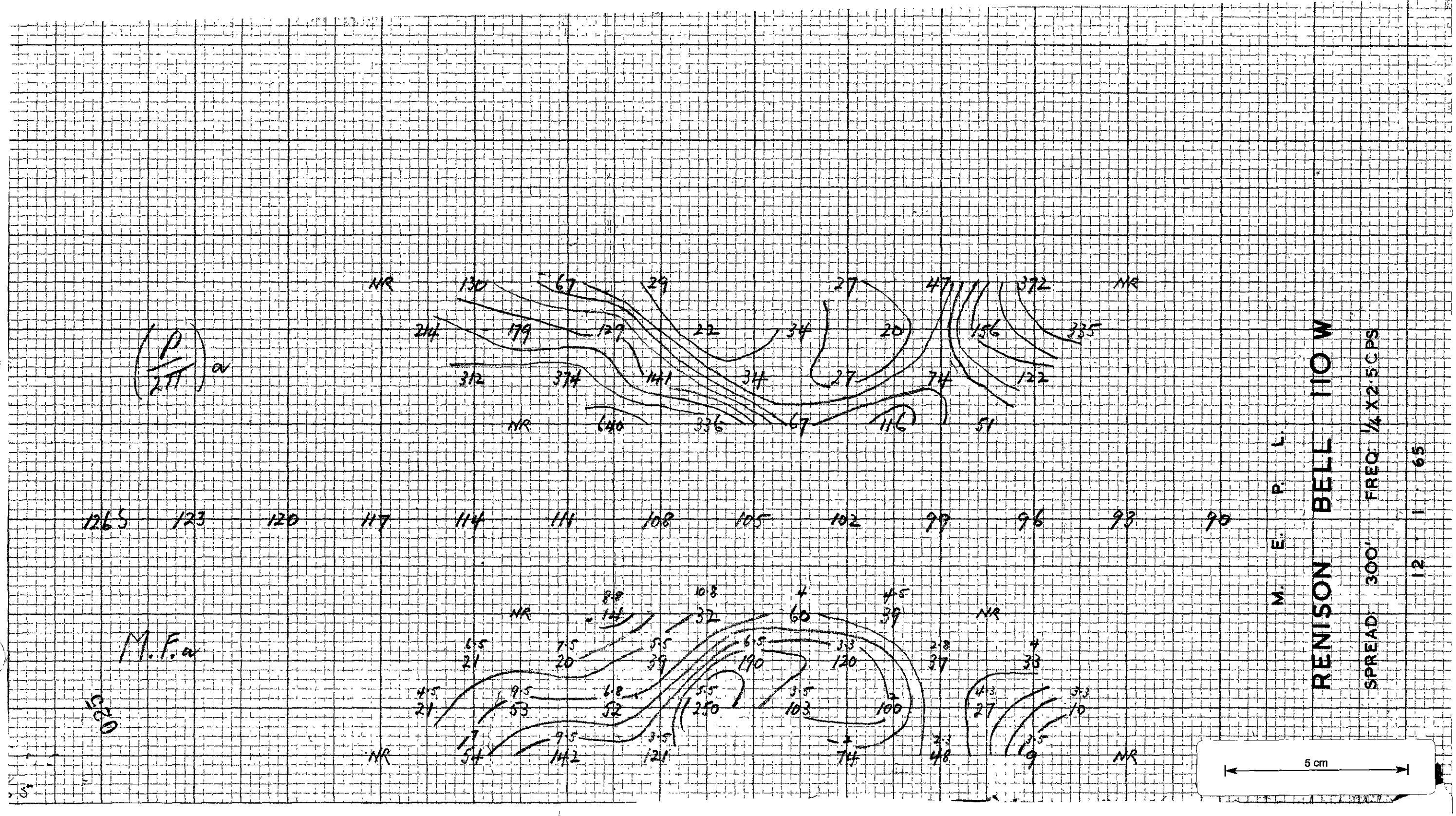
M. E. P. L.

RENISON BELL 105 W

SPREAD: 300' FREQ: ¼ X2·5 CPS

9 · 12 · 64

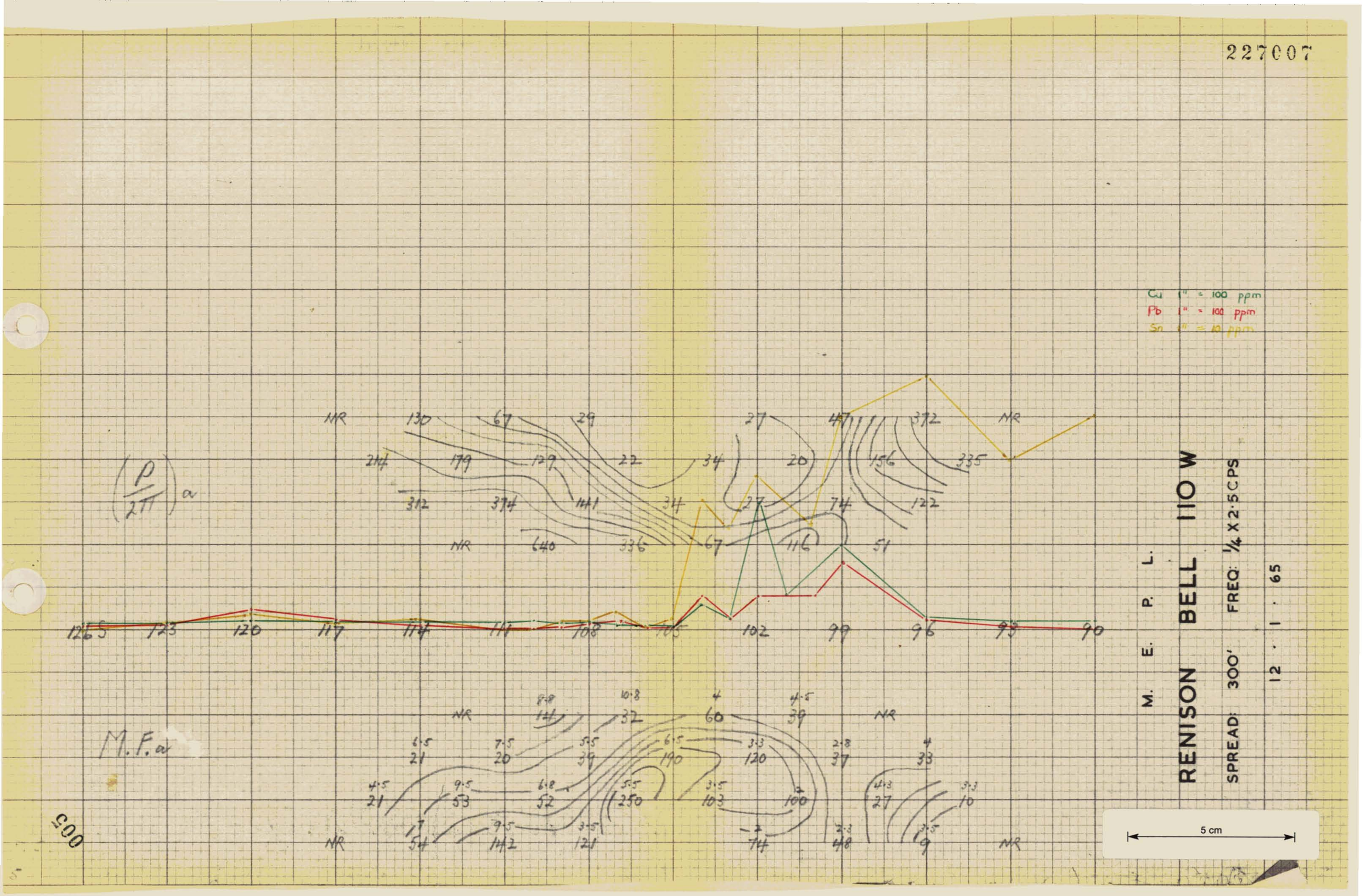
600



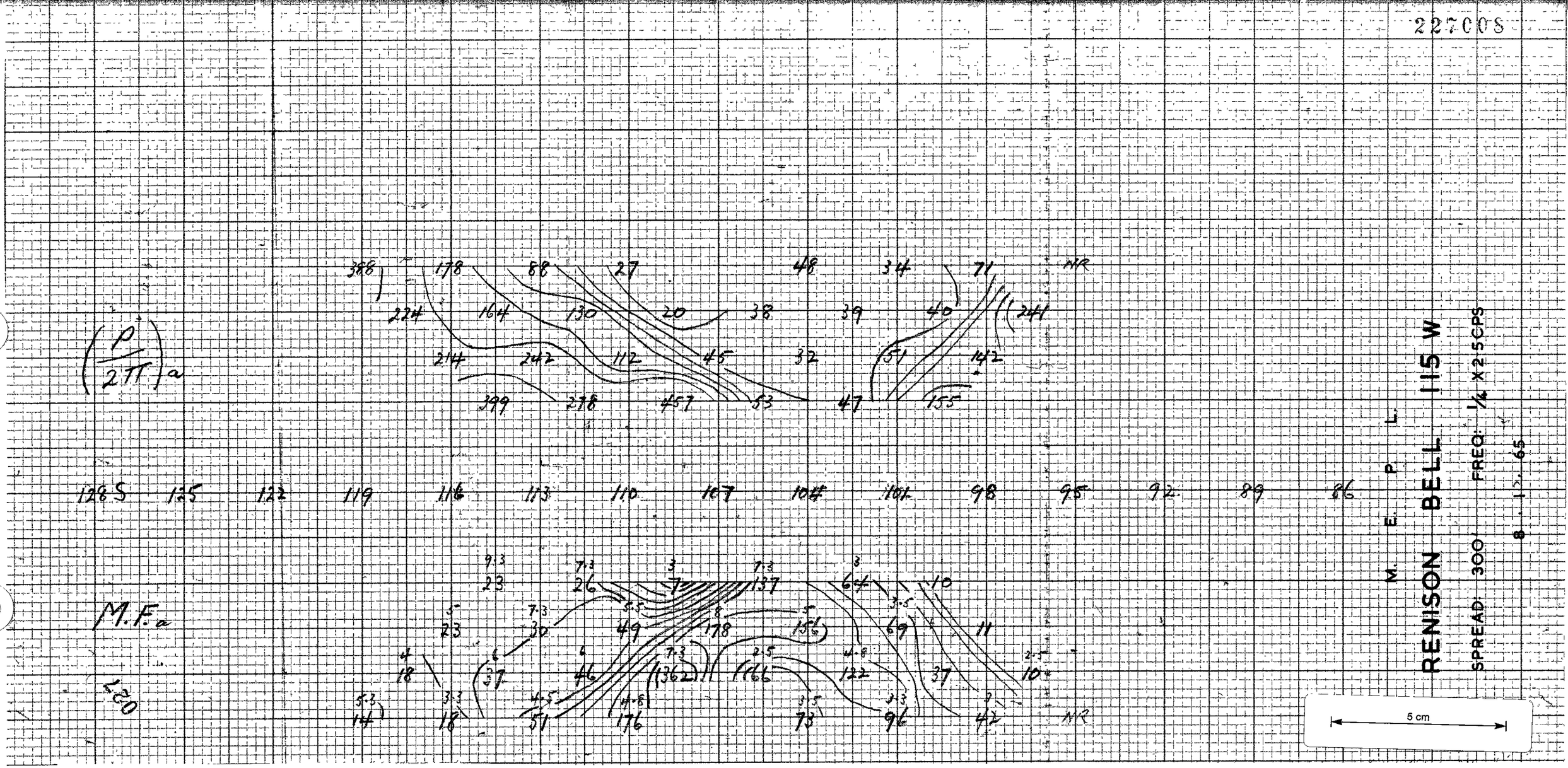
$\left(\frac{P}{2\pi}\right)a$
M.F.a
126S 123 120 117 114 111 108 105 102 99 96 93 90
NR
M. E. P. L.
RENISON BELL 110 W
SPREAD: 300' FREQ: 1/4 X 2.5 CPS
12 - 1 - 65
5 cm

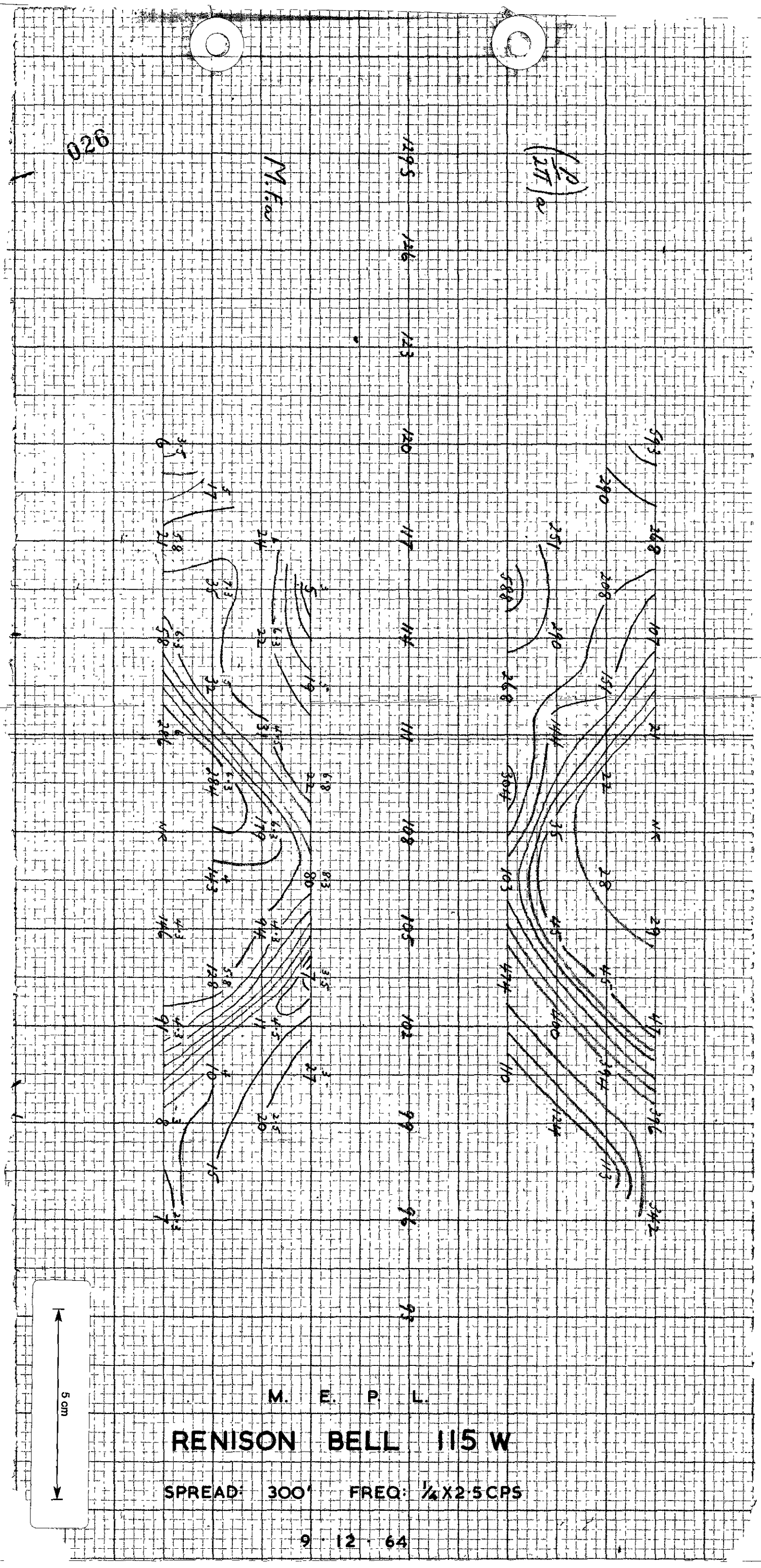
227006

227007



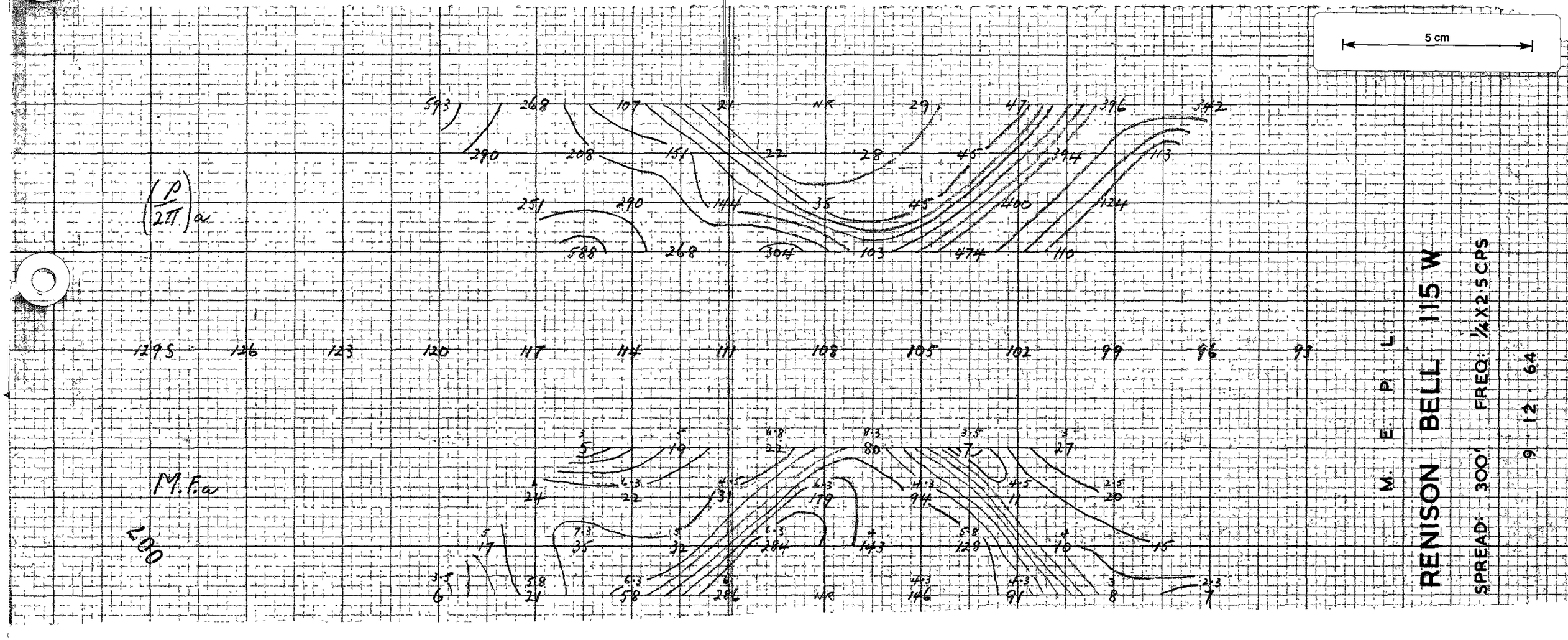
Cu 1" = 100 ppm
Pb 1" = 100 ppm
Sn 1" = 10 ppm
M. E. P. L.
RENISON BELL 110 W
SPREAD: 300'
FREQ: 1/4 X 2·5 CPS
12 · 1 · 65
(ρ/2π) a
M.F. a
NR
5 cm


RENISON BELL 115 W
M. E. P. L.
SPREAD: 300'
FREQ: 1/4 X 2.5 CPS
8 - 12 - 65
5 cm
(ρ/2π)a
M.F.a
120
126 S
125
122
119
116
113
110
107
104
101
98
95
92
89
86


026
M.F.a
$\left(\frac{P}{2\pi}\right)_a$
1295
126
123
120
117
114
111
108
105
102
99
96
93
5 cm
M. E. P. L.
RENISON BELL 115 W
SPREAD: 300' FREQ: ¼ X 2·5 CPS
9 · 12 · 64

227009

227010



5 cm
$\left(\frac{\rho}{2\pi}\right)_a$
M.F.a
1295
126
123
120
117
114
111
108
105
102
99
96
93
M. E. P. L.
RENISON BELL 115 W
SPREAD: 300'
FREQ: 1/4 X 2.5 CPS
9 · 12 · 64

227011

Cu 1" = 100 ppm
Pb 1" = 100 ppm
Sn 1" = 10 ppm

RENISON BELL 115 W

M. E. P. L.

SPREAD: 300' FREQ: 1/4 X 2.5 CPS

8 - 1 - 65

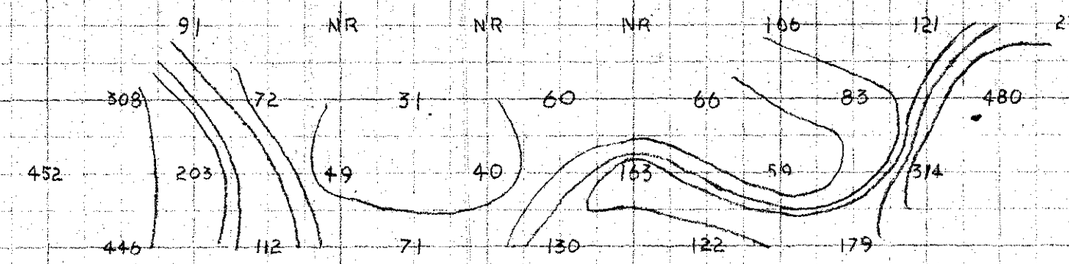
$\left(\frac{\rho}{2\pi}\right)a$

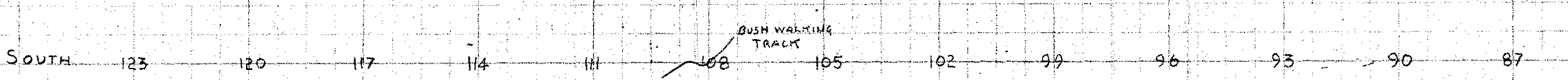
M.F.a

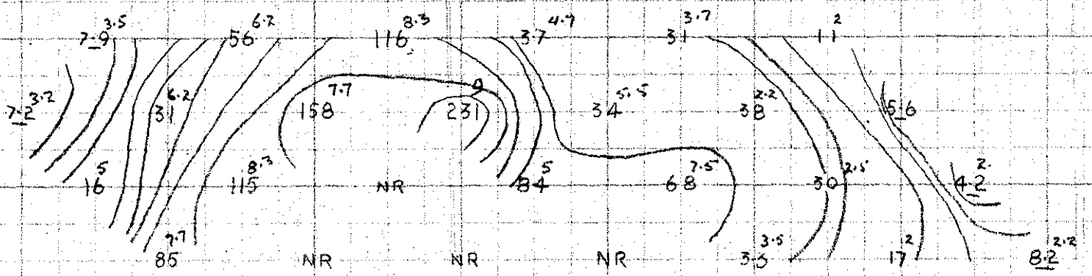
900

5 cm

227012







B H S L

RENISON BELL 120W

FREQ: ¼ & 2½ CPS 300' SPREAD

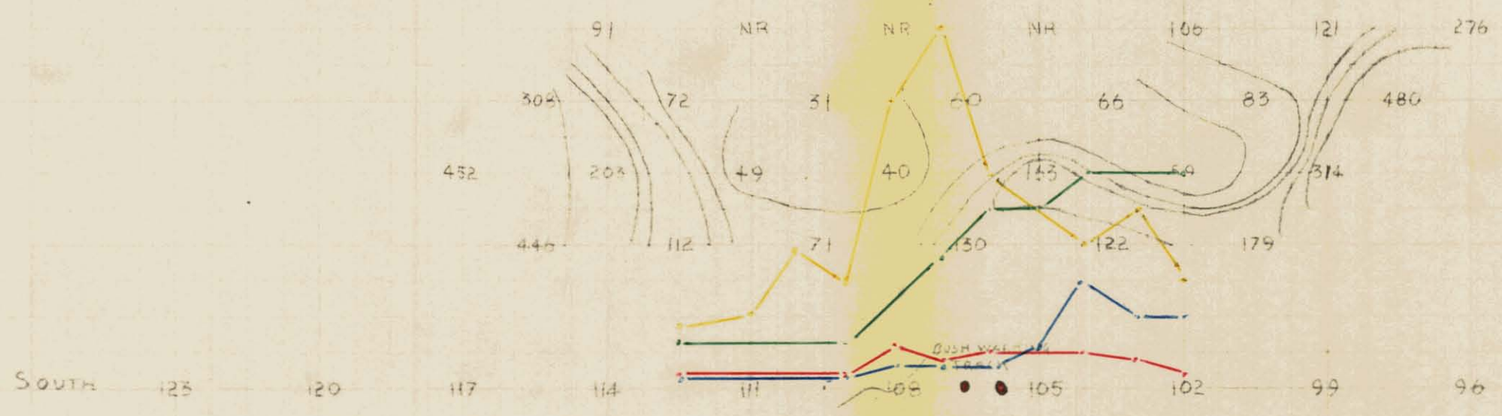
DATE: 18 · 4 · 64

5 cm

620

227013

Cu 1" = 20 ppm
Pb 1" = 200 ppm
Zn 1" = 200 ppm
Sn 1" = 20 ppm



B H S L

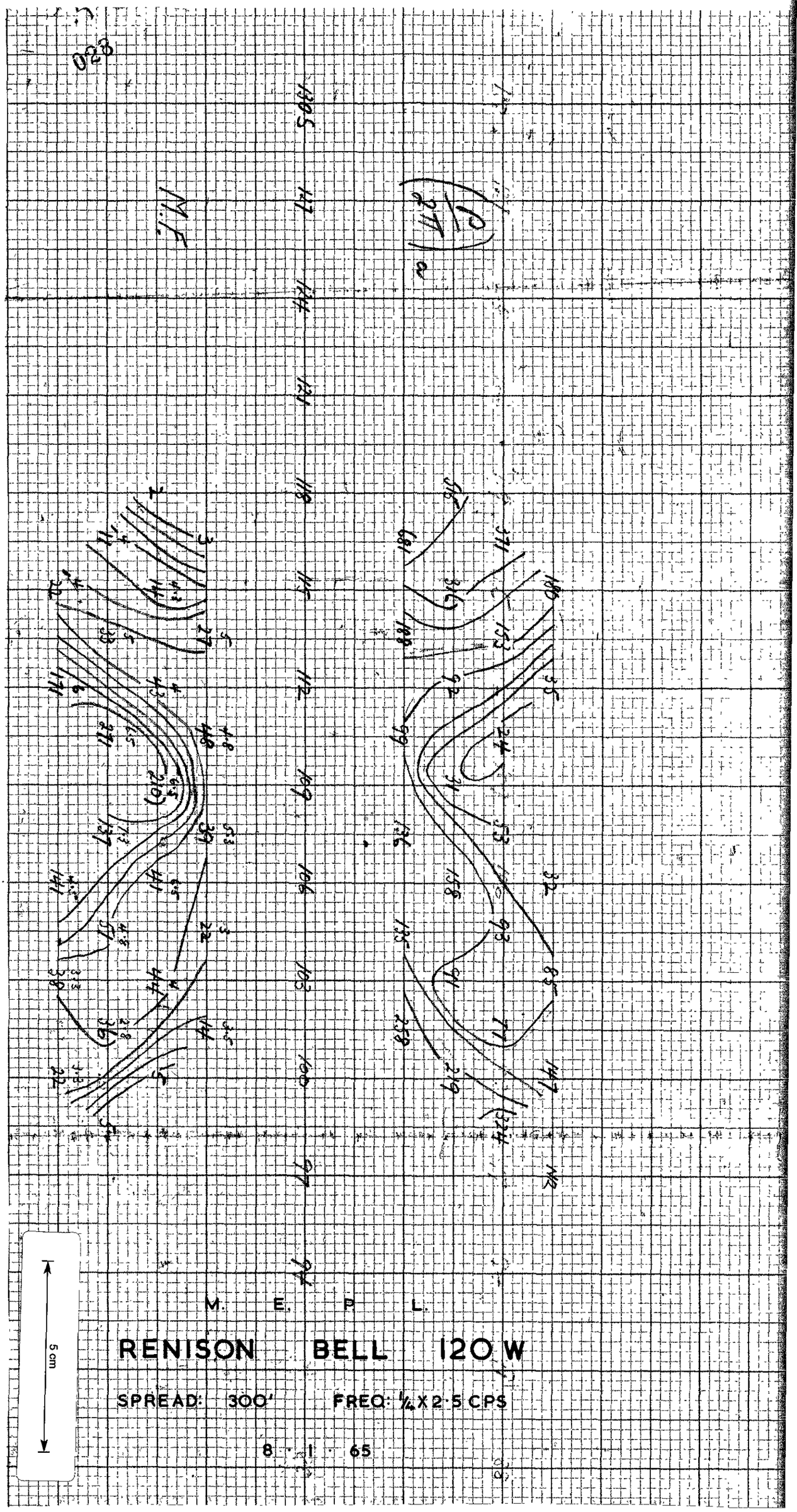
RENISON BELL 120W

FREQ: ¼ & 2½ CPS 300' SPREAD

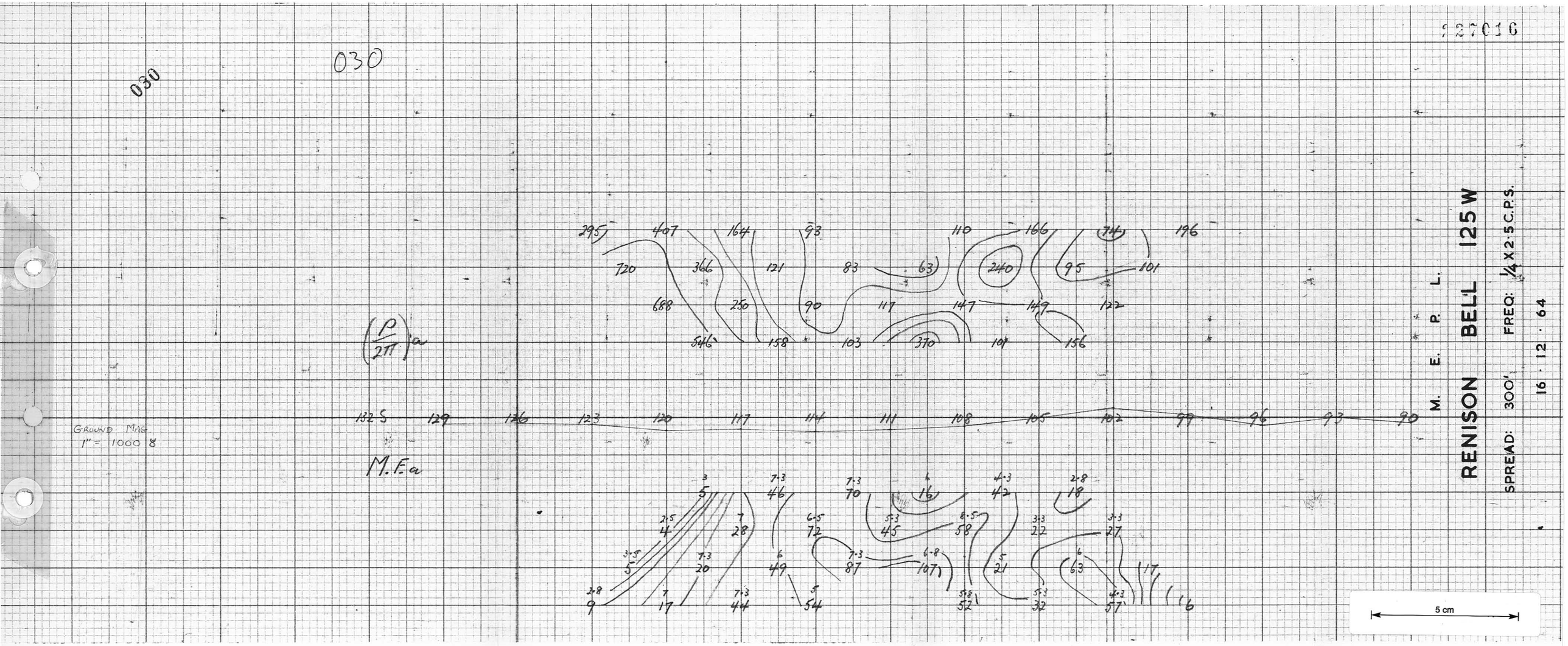
DATE: 18 · 4 · 64

5 cm

227014



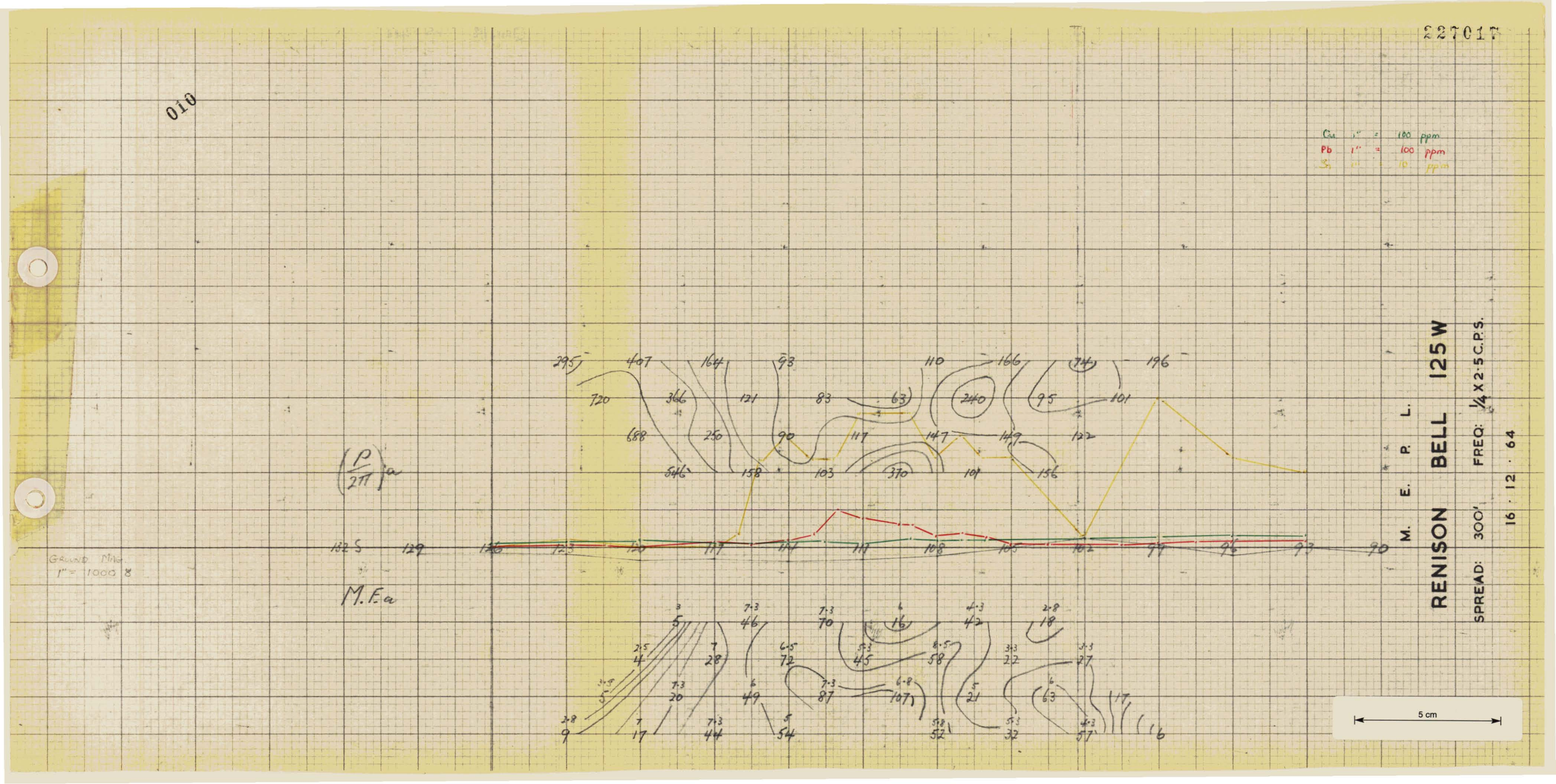

008
N.F.
Cu 1" = 100 ppm
Pb 1" = 100 ppm
Sn 1" = 10 ppm
5 cm
M. E. P. L.
RENISON BELL 120 W
SPREAD: 300' FREQ: ¼ X 2·5 CPS
8 · 1 · 65
22E/15



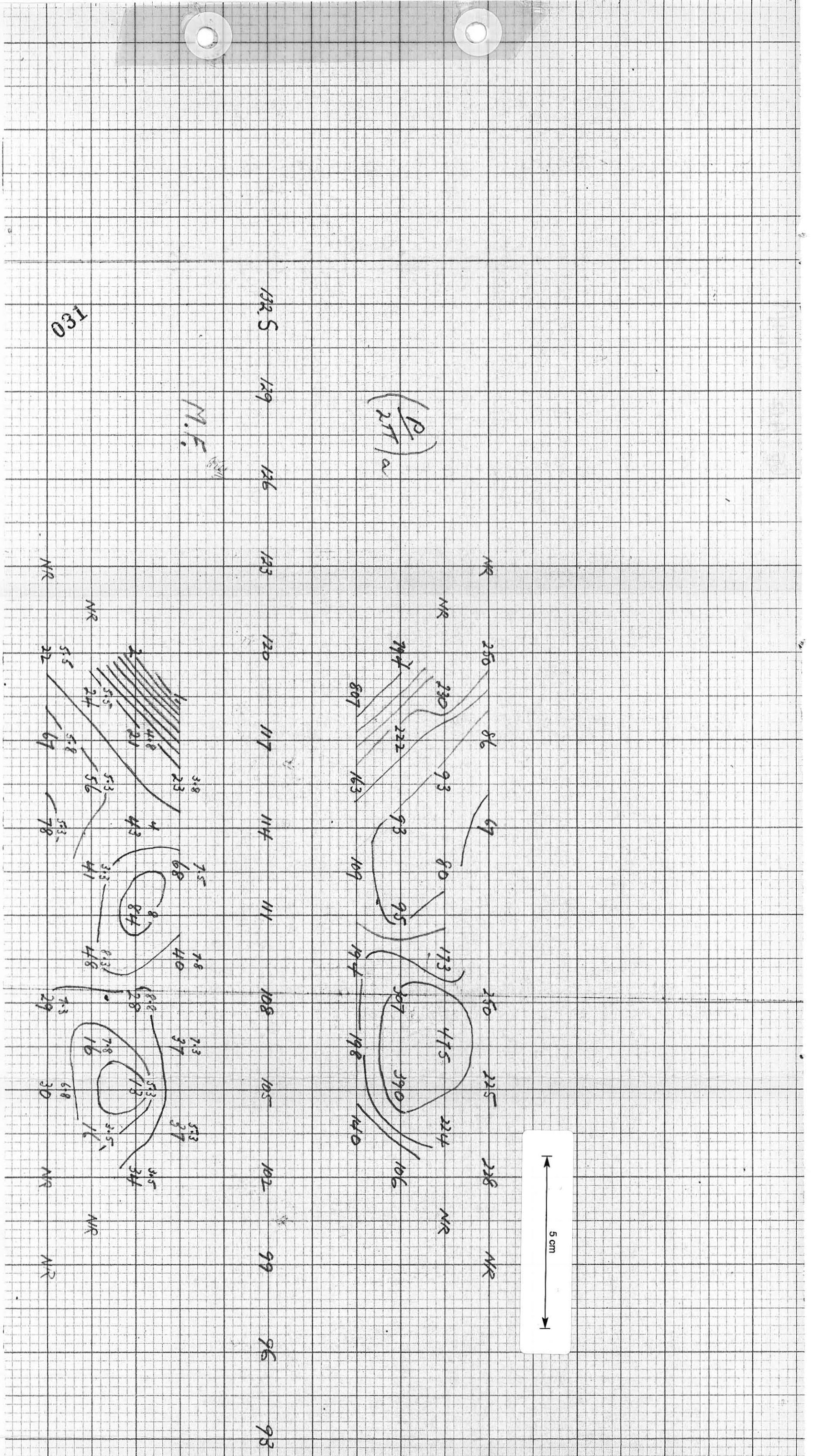
030
030
227016
M. E. P. L.
RENISON BELL 125 W
SPREAD: 300'
FREQ: 1/4 X 2.5 C.P.S.
16 · 12 · 64
(ρ/2π)a
M.E.a
GROUND MAG.
1" = 1000 8
132 S
129
126
123
120
117
114
111
108
105
102
99
96
93
90
5 cm

227017

010



Cu 1" = 100 ppm
Pb 1" = 100 ppm
Sn 1" = 10 ppm
M. E. P. L.
RENISON BELL 125 W
SPREAD: 300'
FREQ: 1/4 X 2·5 C.P.S.
16 · 12 · 64
(ρ/2π)a
M.E.a
GROUND MAG.
1" = 1000 8
5 cm



M. E. P. L.

RENISON BELL 135W

SPREAD: 300' FREQ: 1/4 X 2·5 C.P.S.

22 · 12 · 64

227018

227019

Cu 1" = 100 ppm
Pb 1" = 100 ppm
Sn 1" = 10 ppm

RENISON BELL 135W

SPREAD: 300' FREQ: 1/4 X 2.5 C.P.S.

M. E. P. L.

22 - 12 - 64

(ρ/2π)a

NR 250 86 67 250 225 228 NR

NR 230 93 80 173 475 224 NR

194 222 93 95 307 390 106

807 163 109 194 198 140

132.5 129 126 123 120 117 114 111 108 105 102 99 96 93

M.F.

110

3.8 23 7.5 68 7.8 40 7.3 37 5.3 37

4.8 21 4 43 8 84 8.8 28 5.3 13 3.5 34

5.5 24 5.3 56 3.3 41 8.3 48 7.8 16 3.5 16

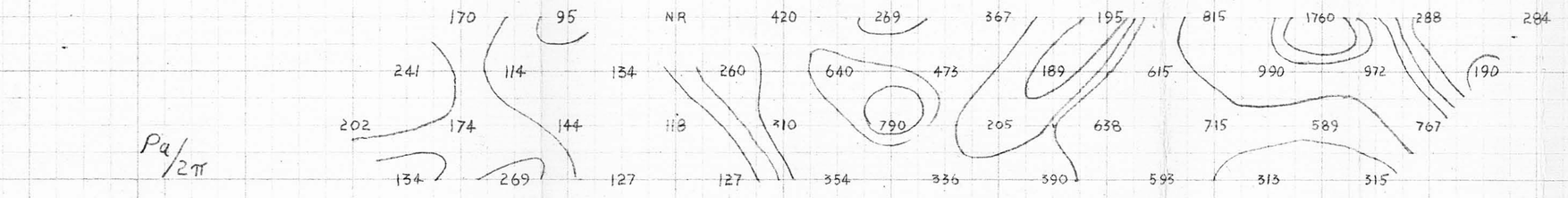
5.5 22 5.8 67 5.3 78 7.3 29 6.8 30

NR NR NR NR NR NR

5 cm

227020

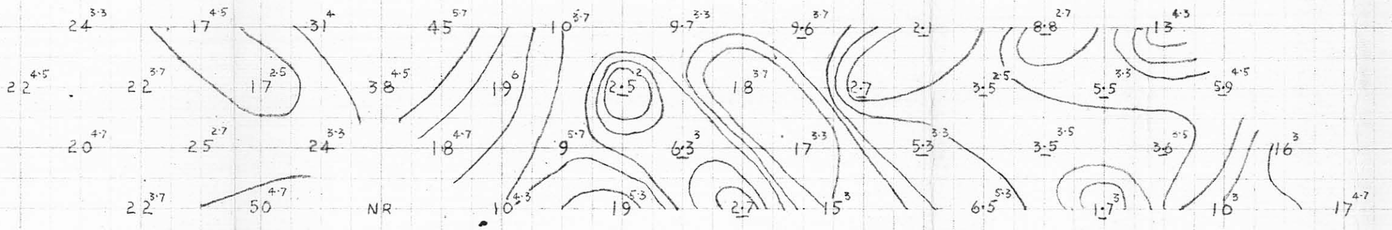
032



Pa/2π

OLD RAILWAY LINE, NO RAILS.

SOUTH 123 120 117 114 111 108 105 102 99 96 93 90 87 84 81 78 75



MF.

B H S L

RENISON BELL 150W

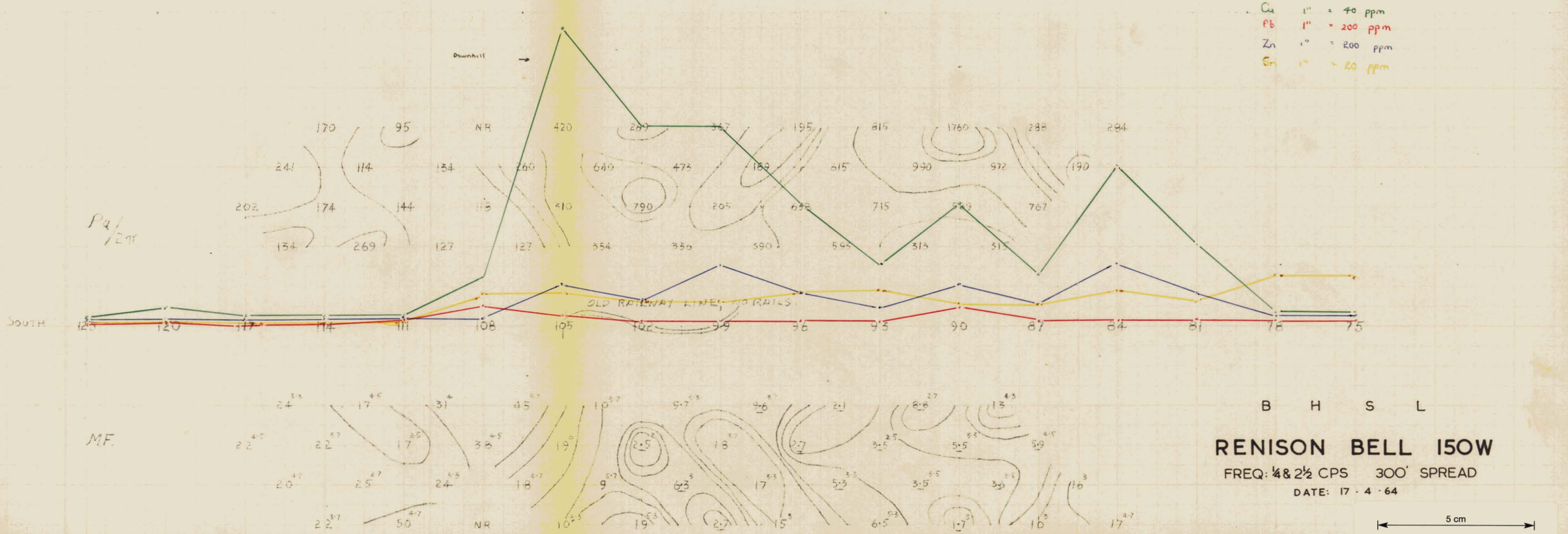
FREQ: ¼ & 2½ CPS 300' SPREAD

DATE: 17 · 4 · 64

5 cm

227021

012



B H S L

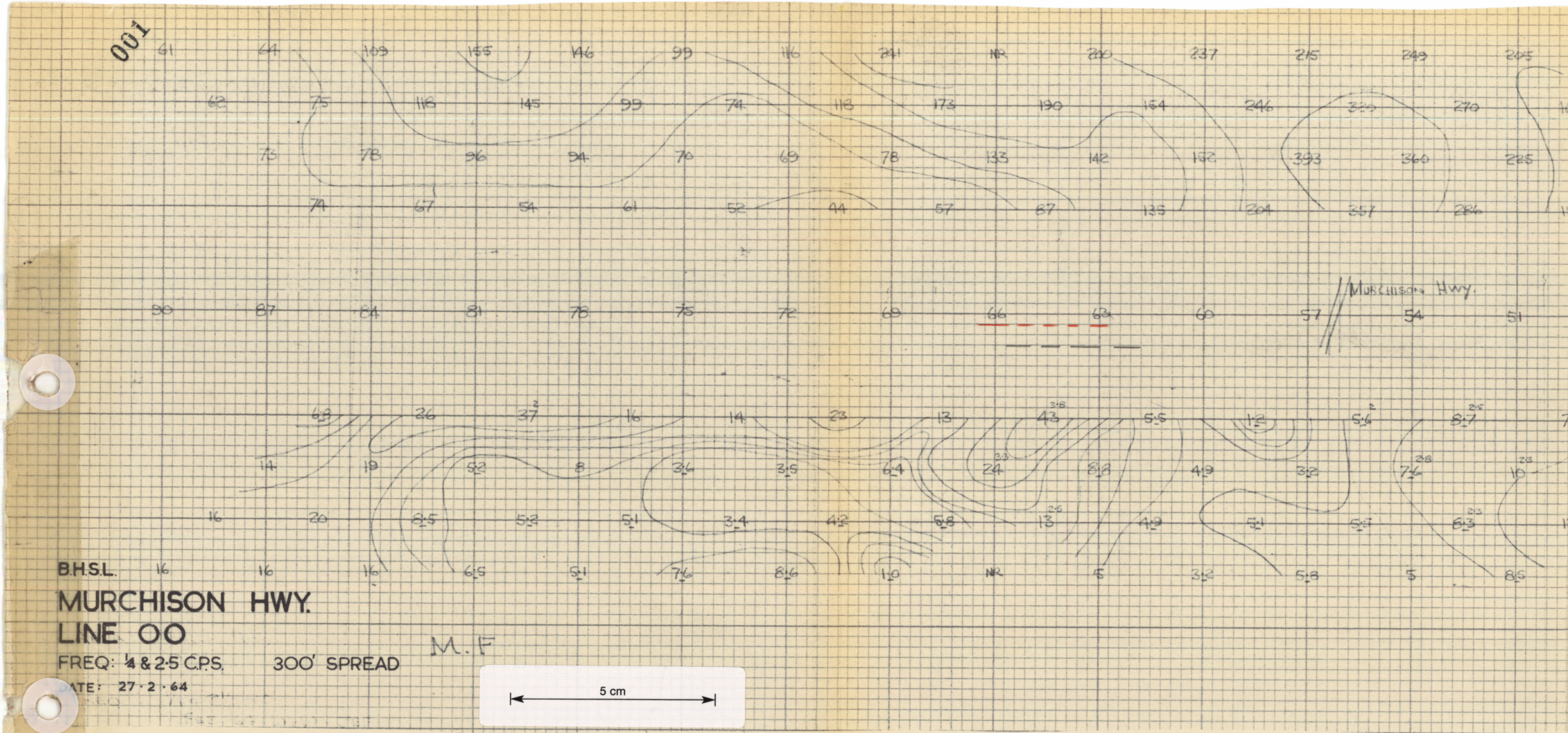
RENISON BELL 150W

FREQ: ¼ & 2½ CPS 300' SPREAD

DATE: 17 · 4 · 64

5 cm

001



B.H.S.L.

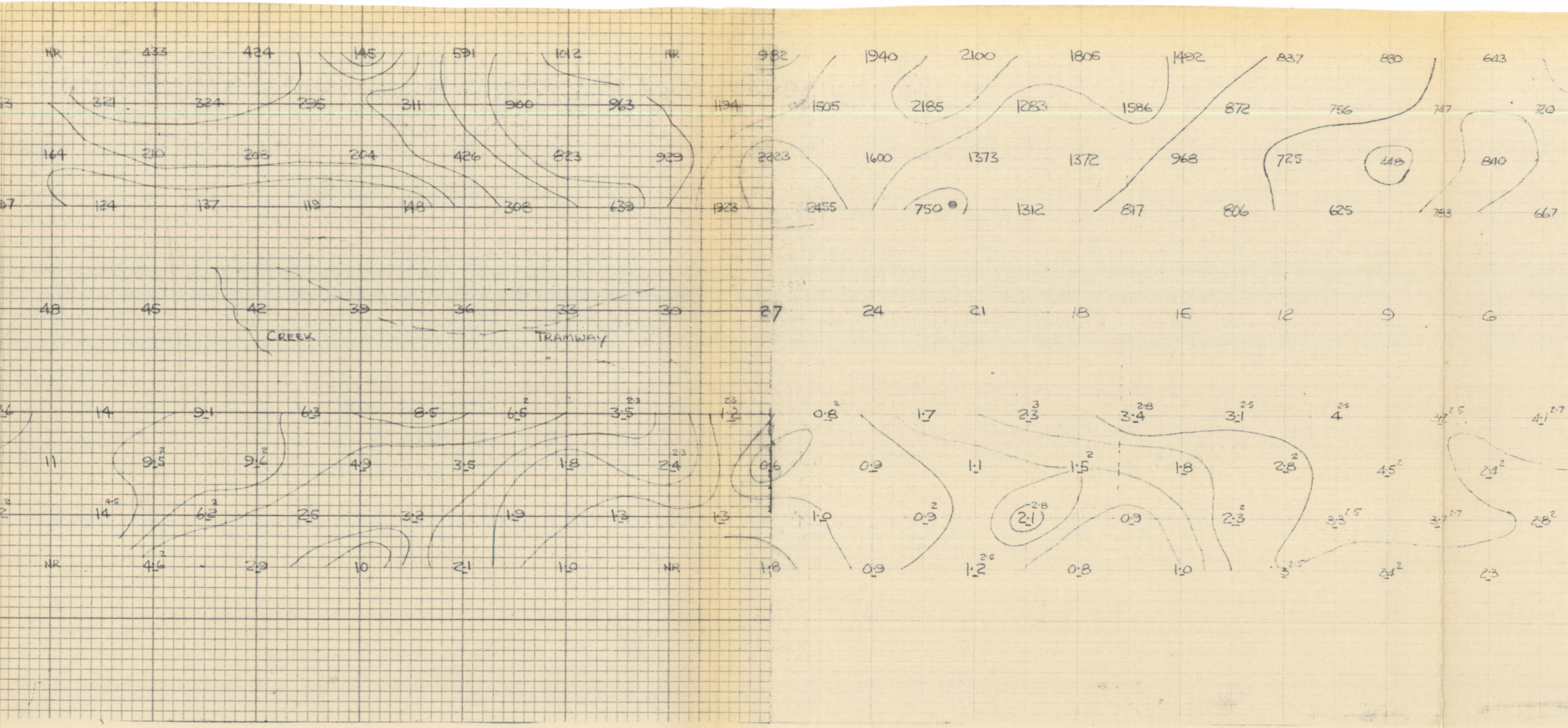
MURCHISON HWY.

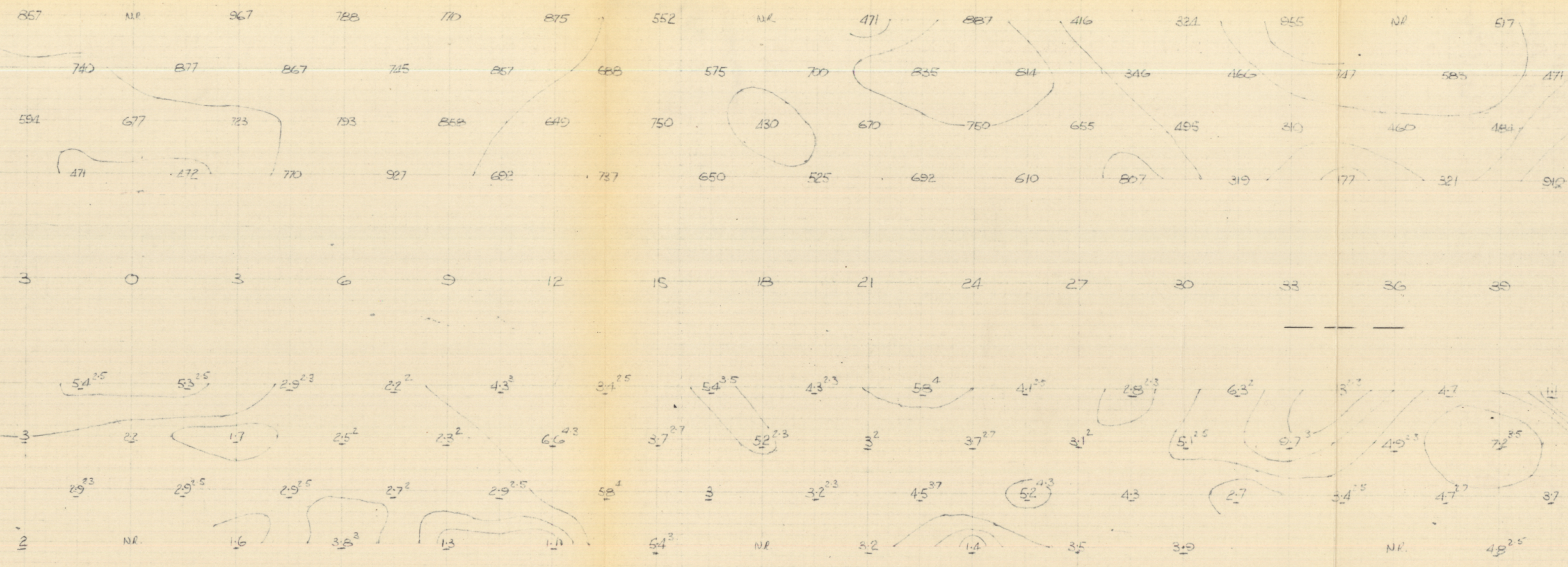
LINE OO

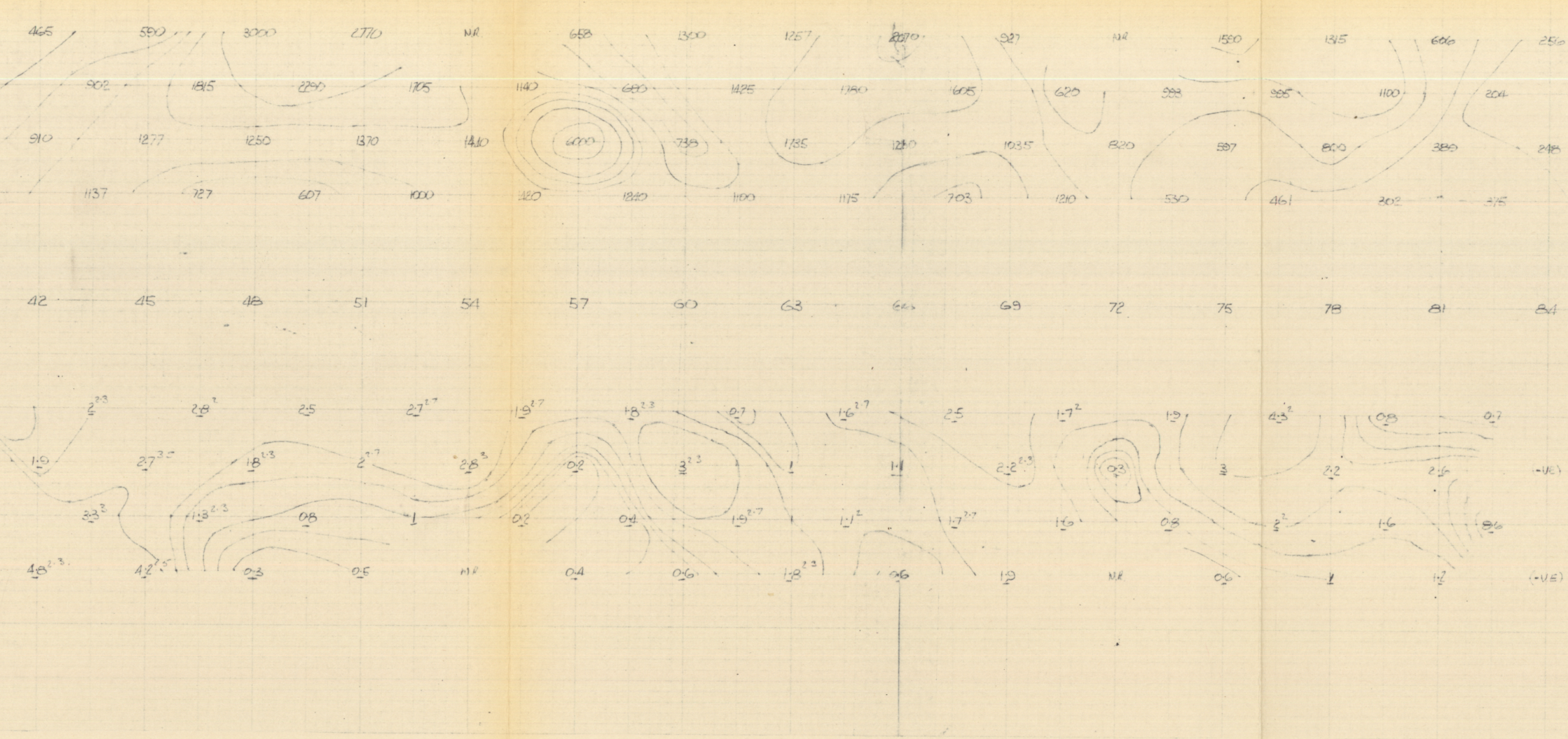
FREQ: ¼ & 2·5 C.P.S. 300' SPREAD

DATE: 27 · 2 · 64

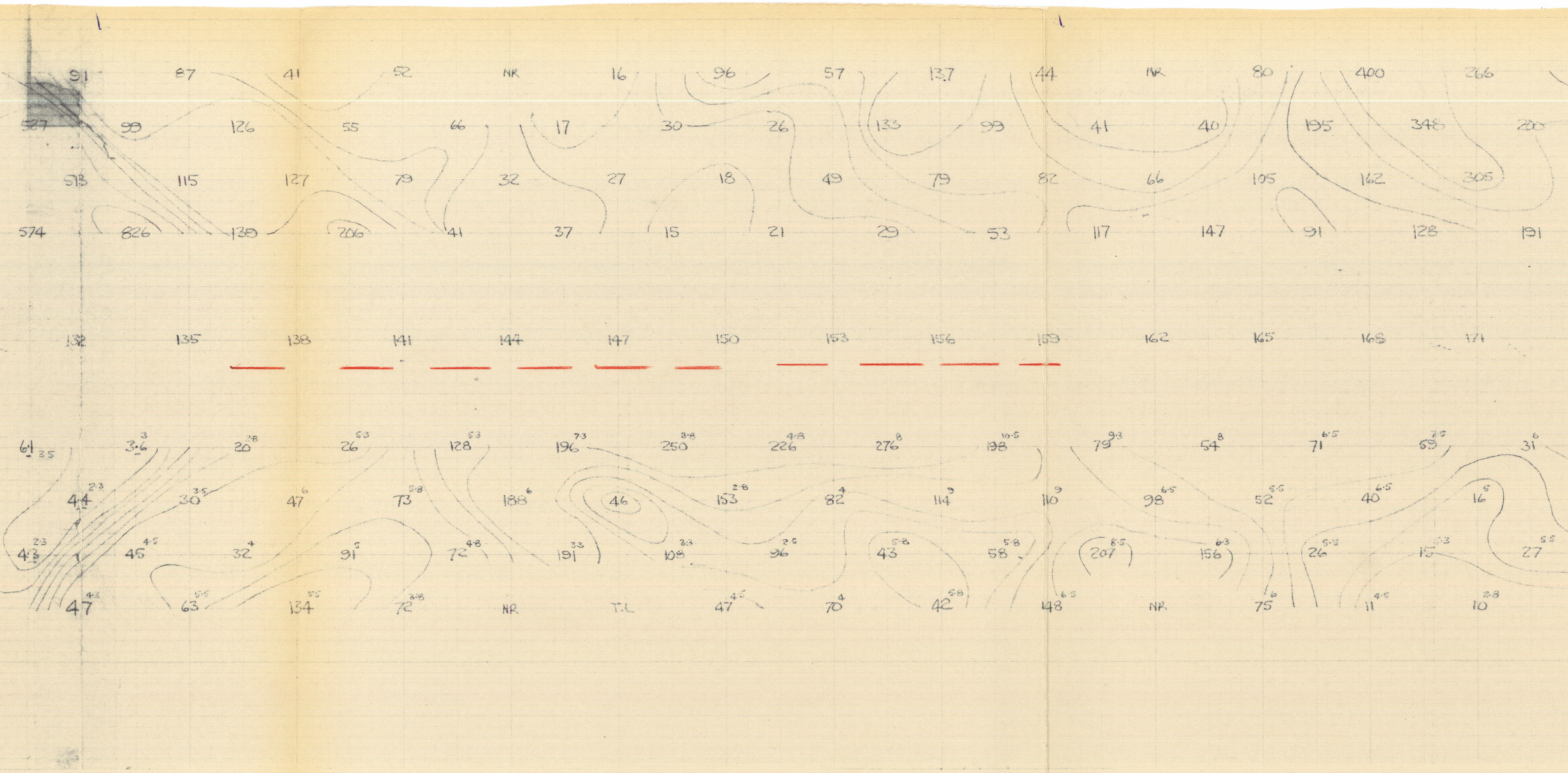
M.F

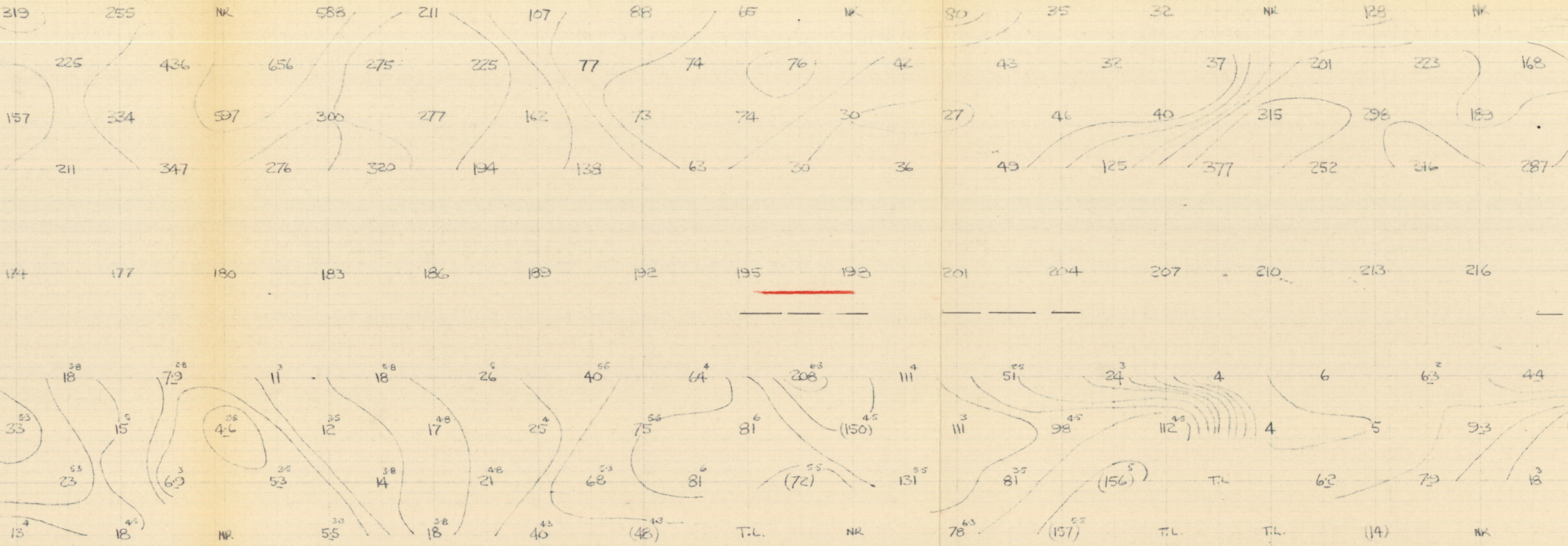

NR 433 424 145 591 1012 NR 982 1940 2100 1805 1492 837 830 643
321 324 235 311 900 963 1134 1505 2185 1283 1586 872 756 747 720
164 210 203 204 426 823 939 2223 1600 1373 1372 968 725 448 840
124 137 119 148 308 639 1923 2455 750 1312 817 806 625 783 667
48 45 42 39 36 33 30 27 24 21 18 15 12 9 6
CREEK
TRAMWAY
14 9.1 6.3 8.5 6.5 3.5 1.2 0.8 1.7 2.3 3.4 3.1 4 3.2 4.1
11 9.5 9.6 4.9 3.5 1.8 2.4 0.6 0.9 1.1 1.5 1.8 2.8 4.5 2.4
14 6.2 2.6 3.2 1.9 1.3 1.3 1.0 0.9 2.1 0.9 2.3 3.3 3.7 2.8
NR 4.6 2.9 1.0 2.1 1.0 NR 1.8 0.9 1.2 0.8 1.0 3 2.4 2.3



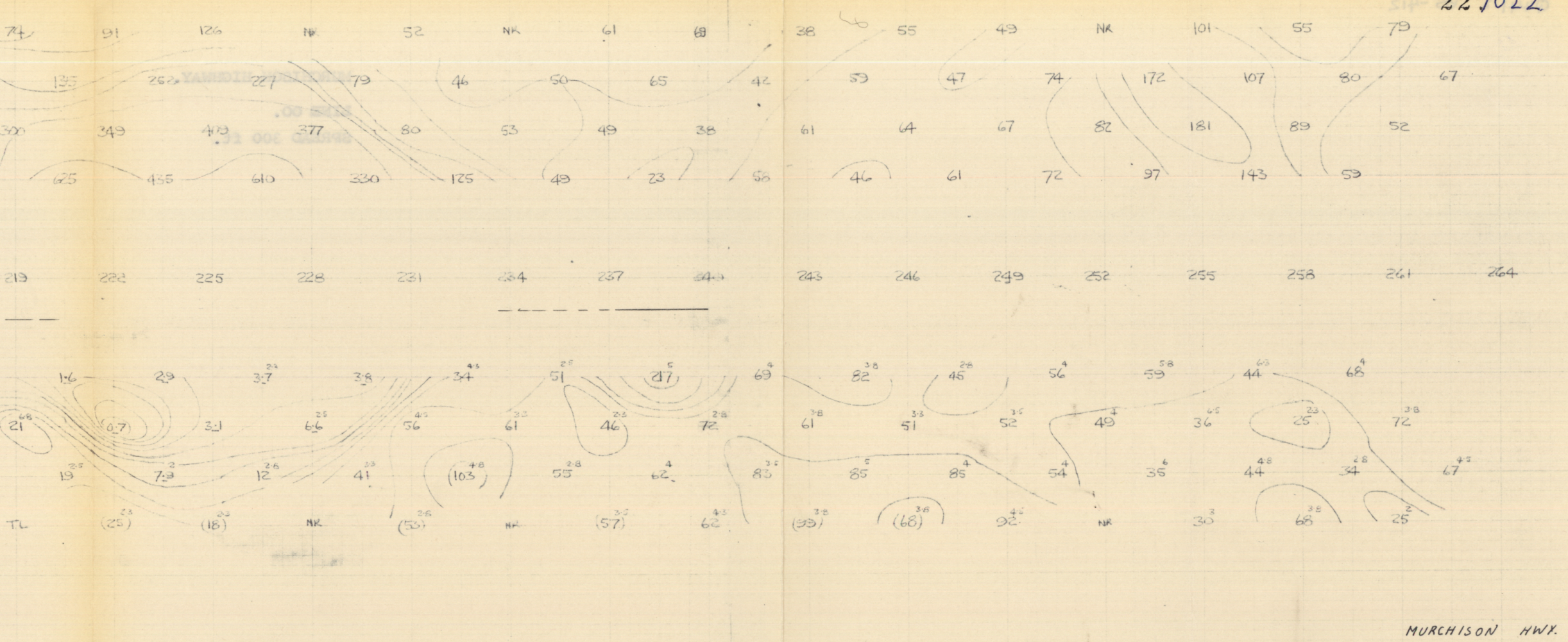


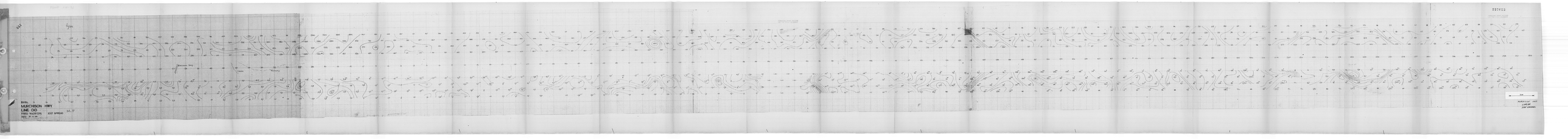


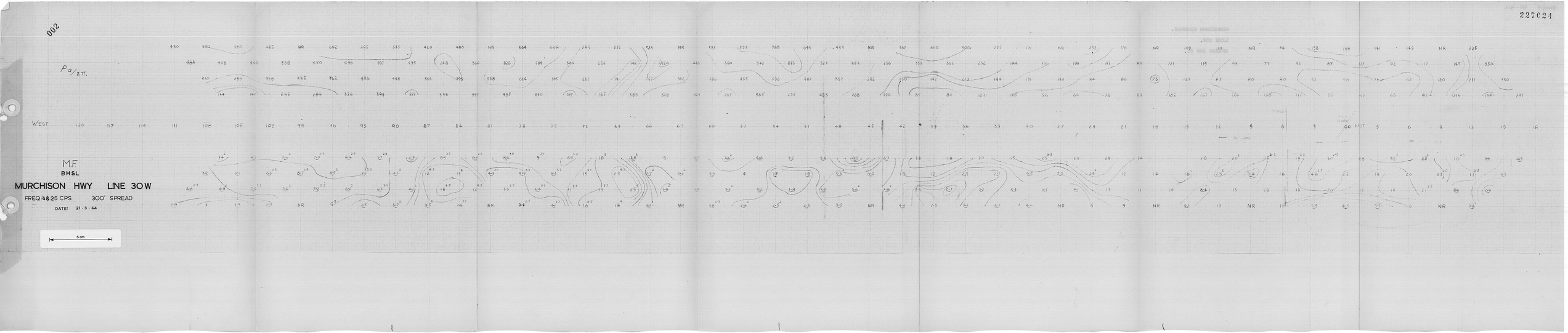


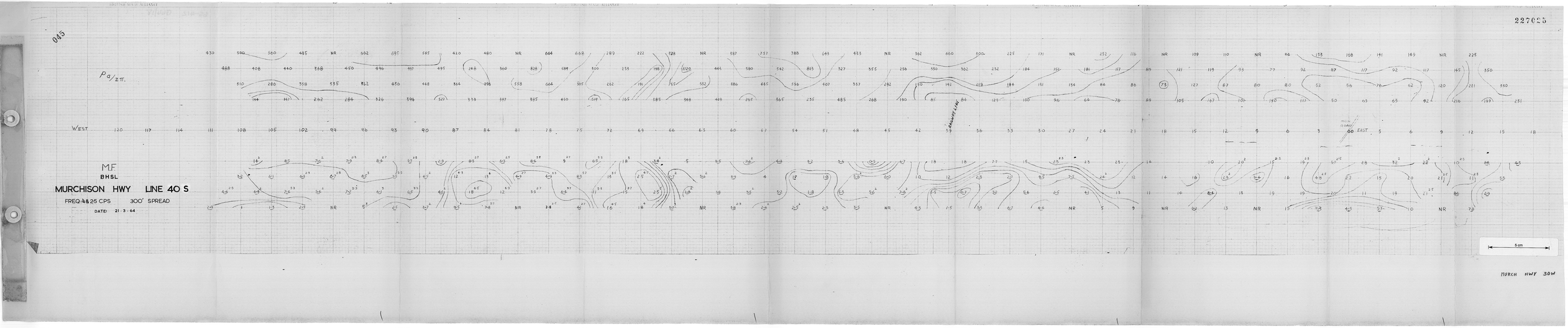


227022


74 91 126 NR 52 NR 61 68 38 55 49 NR 101 55 79
135 252 227 79 46 50 65 42 59 47 74 172 107 80 67
300 349 409 377 80 53 49 38 61 64 67 82 181 89 52
625 455 610 330 125 49 23 58 46 61 72 97 143 59
219 222 225 228 231 234 237 240 243 246 249 252 255 258 261 264
1.6 2.9 3.7 3.8 34 51 47 69 82 45 56 59 44 68
21 0.7 3.1 6.6 56 61 46 72 61 51 52 49 36 25 72
19 7.9 12 41 (103) 55 62 83 85 85 54 35 44 34 67
TL (25) (18) NR (53) NR (57) 62 (39) (68) 92 NR 30 68 25
MURCHISON HWY.


MURCHISON HWY
LINE DIO
300 SPREAD


002
227024
Pa/2π.
WEST
EAST
M.F.
BHSL
MURCHISON HWY LINE 30W
FREQ: 1 & 25 CPS 300' SPREAD
DATE: 21·3·64
5 cm


045
227025
Pa/2π.
WEST
EAST
M.F.
BHSL
MURCHISON HWY LINE 40 S
FREQ: 4 & 25 CPS 300' SPREAD
DATE: 21·3·64
MAIN ROAD
5 cm
MURCH HWY 30W

227026

M. E. P. L.

WARATAH

LINE: SOUTH OF FOOK'S LODE, IN 4 AP/AM.

SPREAD: 300' FREQ: ¼ & 2.5 CPS.

23 . 3 . 65

$\left(\frac{P}{2\pi}\right)a$

M.F.a

000

WAKATAH RIVER

FINISHED

W.P. FENCE

W.P. FENCE

W.P. FENCE

W.P. FENCE

5 cm

227027

M. E. P. L.

WARATAH

LINE: SOUTH OF FOOK'S LODE, IN 4 AP/AM.

SPREAD: 300' FREQ: ¼ & 2.5 CPS.

23 . 3 . 65

$\left(\frac{P}{2\pi}\right)a$

M.F.a

WARATAH RIVER

FIN SHED

W.P. FENCE

W.P. FENCE

W.P. FENCE

W.P. FENCE

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

190 100 68 63 60 63 68 52

98 59 67 72 50 53 56 47

54 54 67 54 41 45 37

39 45 55 52 27 27

3·5 2 2·5 2·3 2·5 3·3

90 44 45 42 93 120

2·3 2·8 2·3 2·5

32 32 32 (93) 67 50 68

3·5 2·3 2·5 3·3 3·3 2·5

36 38 22 24 50 62 58 53

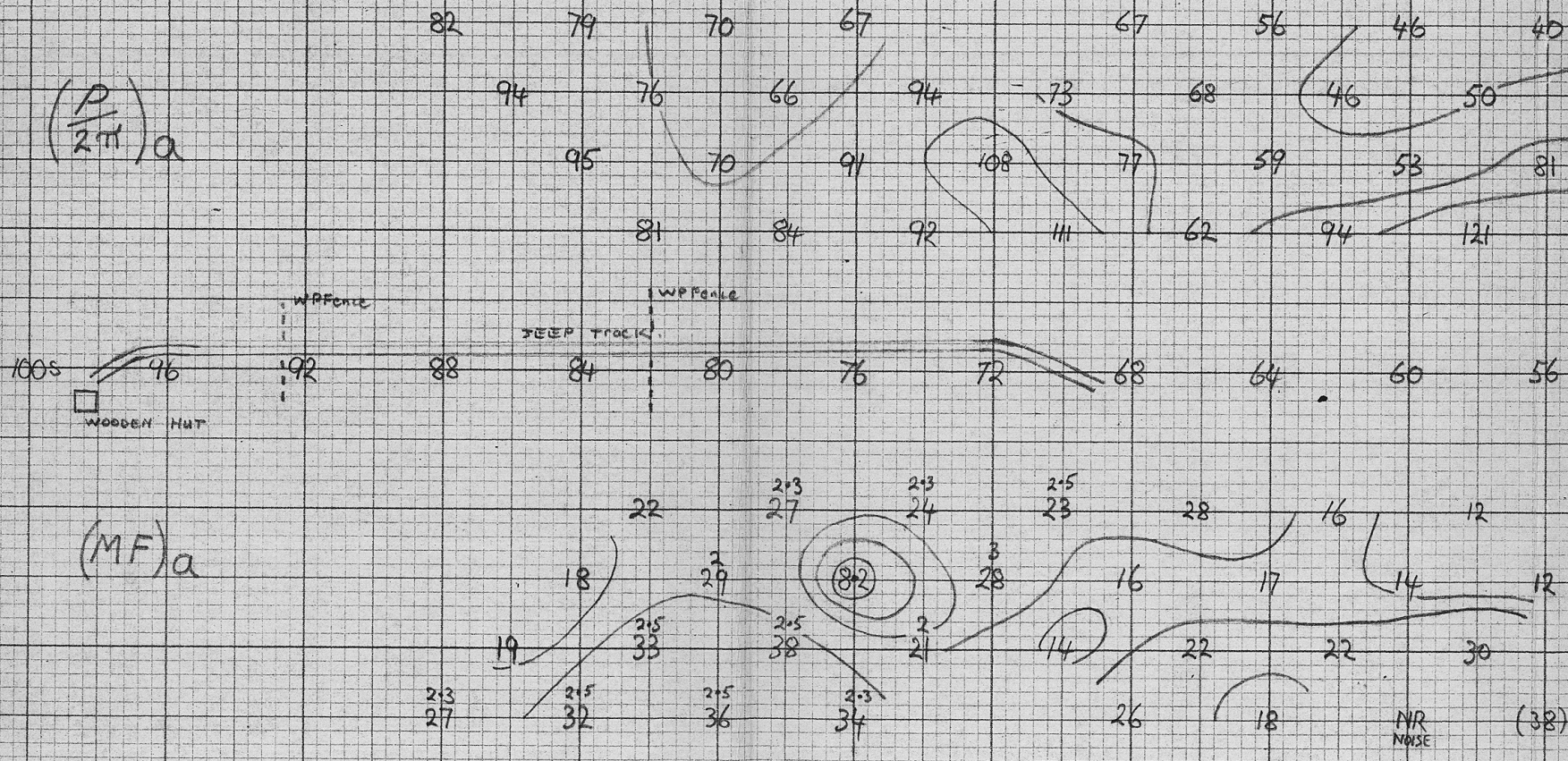
3·5 2 2·8 2·3 2

18 17 29 20 46 36 29 29

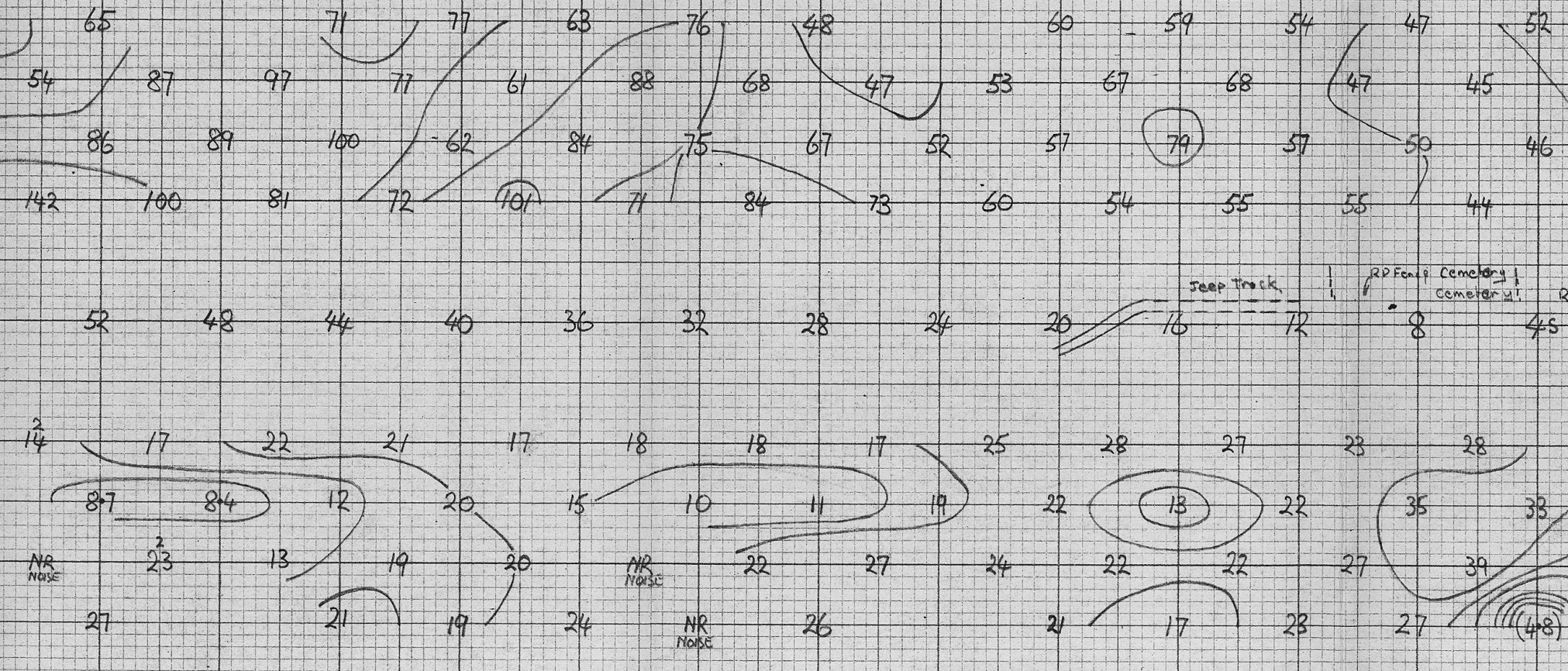
250

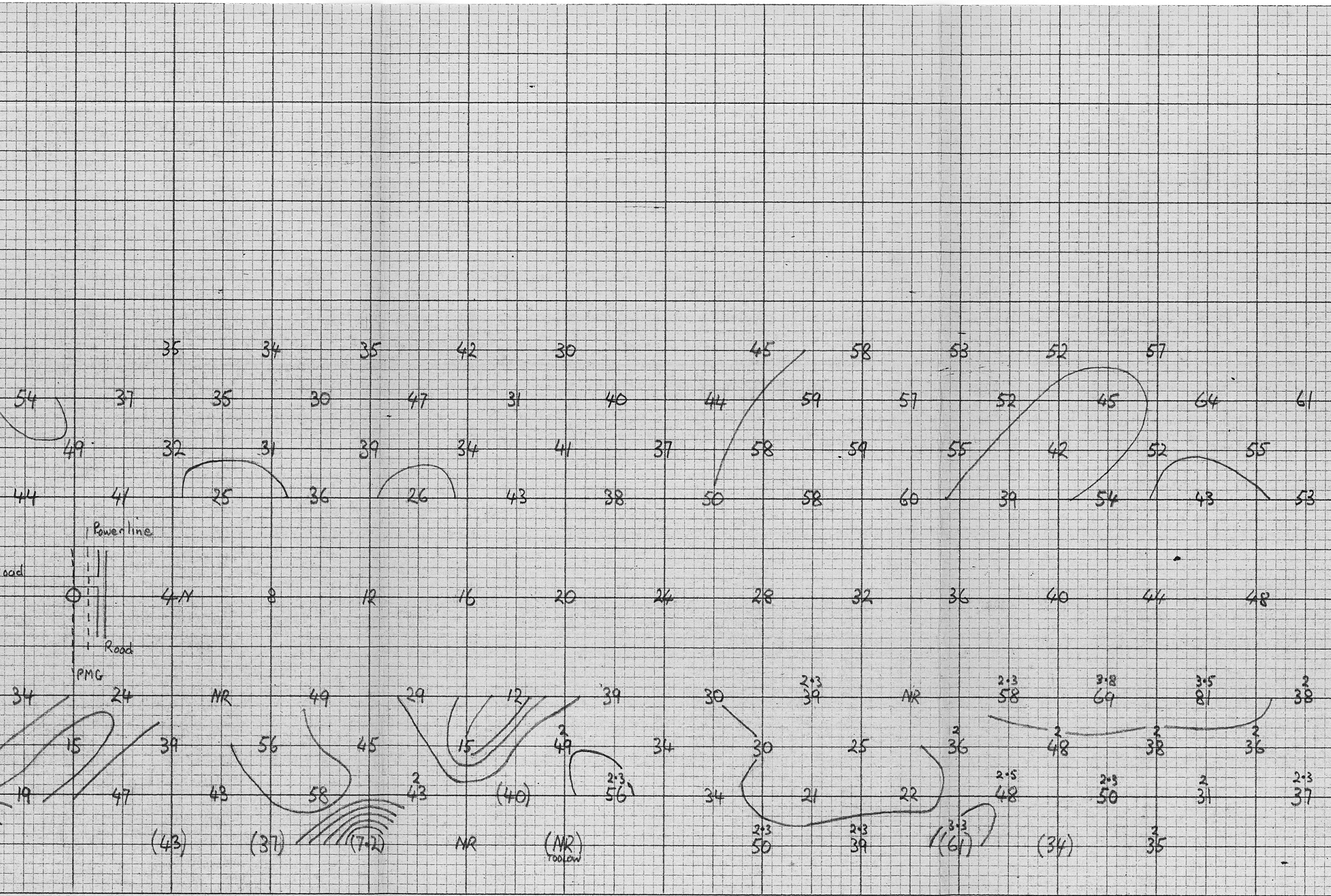
5 cm

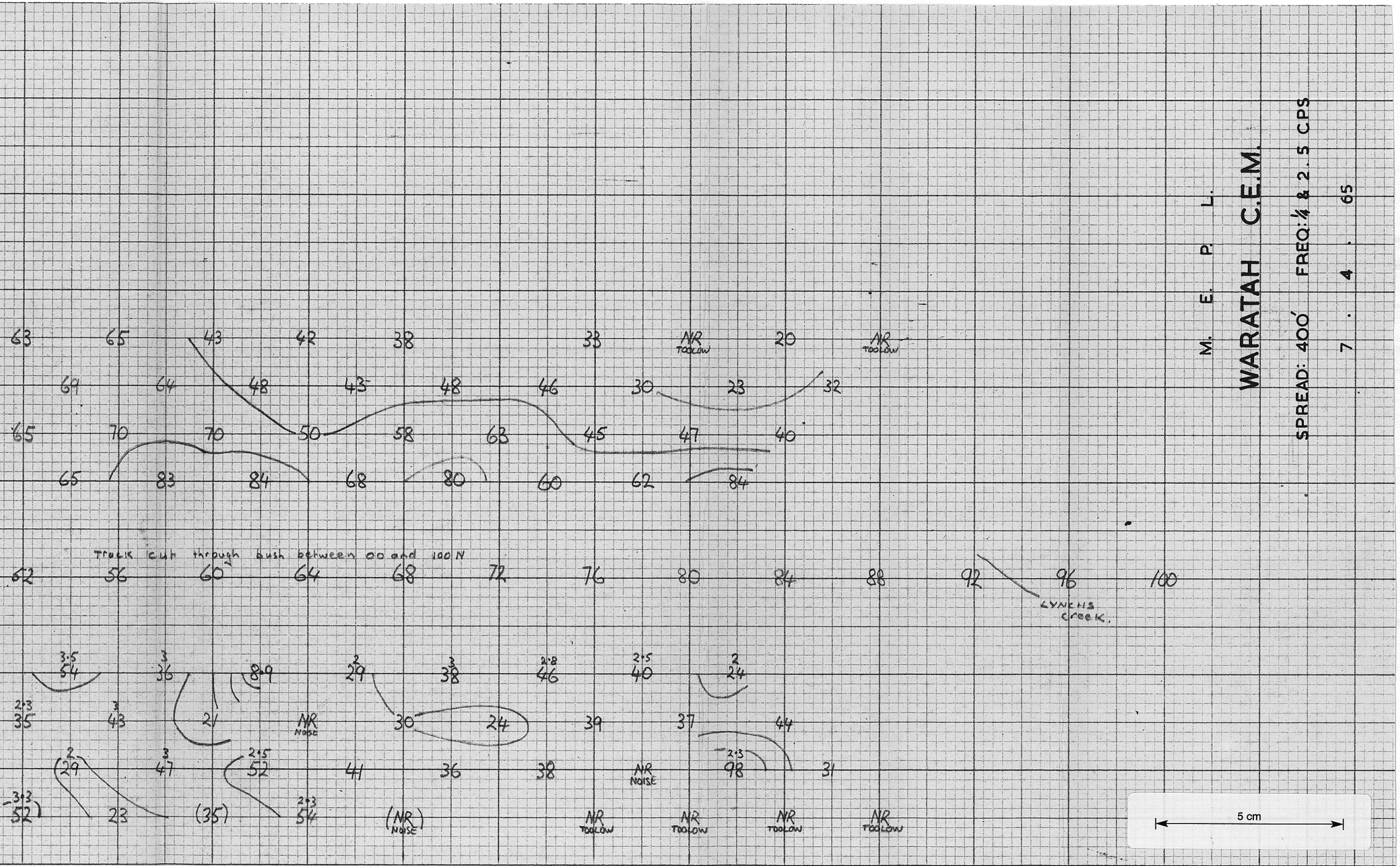
040



(P/2π)a
82 79 70 67 67 56 46 40
94 76 66 94 73 68 46 50
95 70 91 108 77 59 53 81
81 84 92 111 62 94 121
WP Fence
WP Fence
JEEP TRACK
100S 96 92 88 84 80 76 72 68 64 60 56
WOODEN HUT
(MF)a
2·3 2·3 2·5
22 27 24 23 28 16 12
18 2 29 8·2 3 28 16 17 14 12
2·5 2·5 2
19 33 38 21 14 22 22 30
2·3 2·5 2·5 2·3
27 32 36 34 26 18 NR NOISE (38)


65 71 77 63 76 48 60 59 54 47 52
54 87 97 71 61 88 68 47 53 67 68 47 45
86 89 100 62 84 75 67 52 57 79 57 50 46
142 100 81 72 101 71 84 73 60 54 55 55 44
Jeep Track
RP Fence Cemetery
Cemetery
52 48 44 40 36 32 28 24 20 16 12 8 4S
2
14 17 22 21 17 18 18 17 25 28 27 23 28
8.7 8.4 12 20 15 10 11 19 22 13 22 35 33
NR NOISE
2
23 13 19 20
NR NOISE
22 27 24 22 22 27 39
27 21 19 24
NR NOISE
26 21 17 28 27 (48)


35 34 35 42 30 45 58 53 52 57
54 37 35 30 47 31 40 44 59 57 52 45 64 61
49 32 31 39 34 41 37 58 59 55 42 52 55
44 41 25 36 26 43 38 50 58 60 39 54 43 53
Powerline
oad
4N 8 12 16 20 24 28 32 36 40 44 48
Road
PMG
34 24 NR 49 29 12 39 30 2·3 39 NR 2·3 58 3·8 69 3·5 81 2 38
15 39 56 45 15 2 49 34 30 25 2 36 2 48 2 38 2 36
19 47 43 58 2 43 (40) 2·3 56 34 21 22 2·5 48 2·3 50 2 31 2·3 37
(43) (37) (7·2) NR (NR) TOO LOW 2·3 50 2·3 39 3·3 (61) (34) 2 35



M. E. P. L.

WARATAH C.E.M.

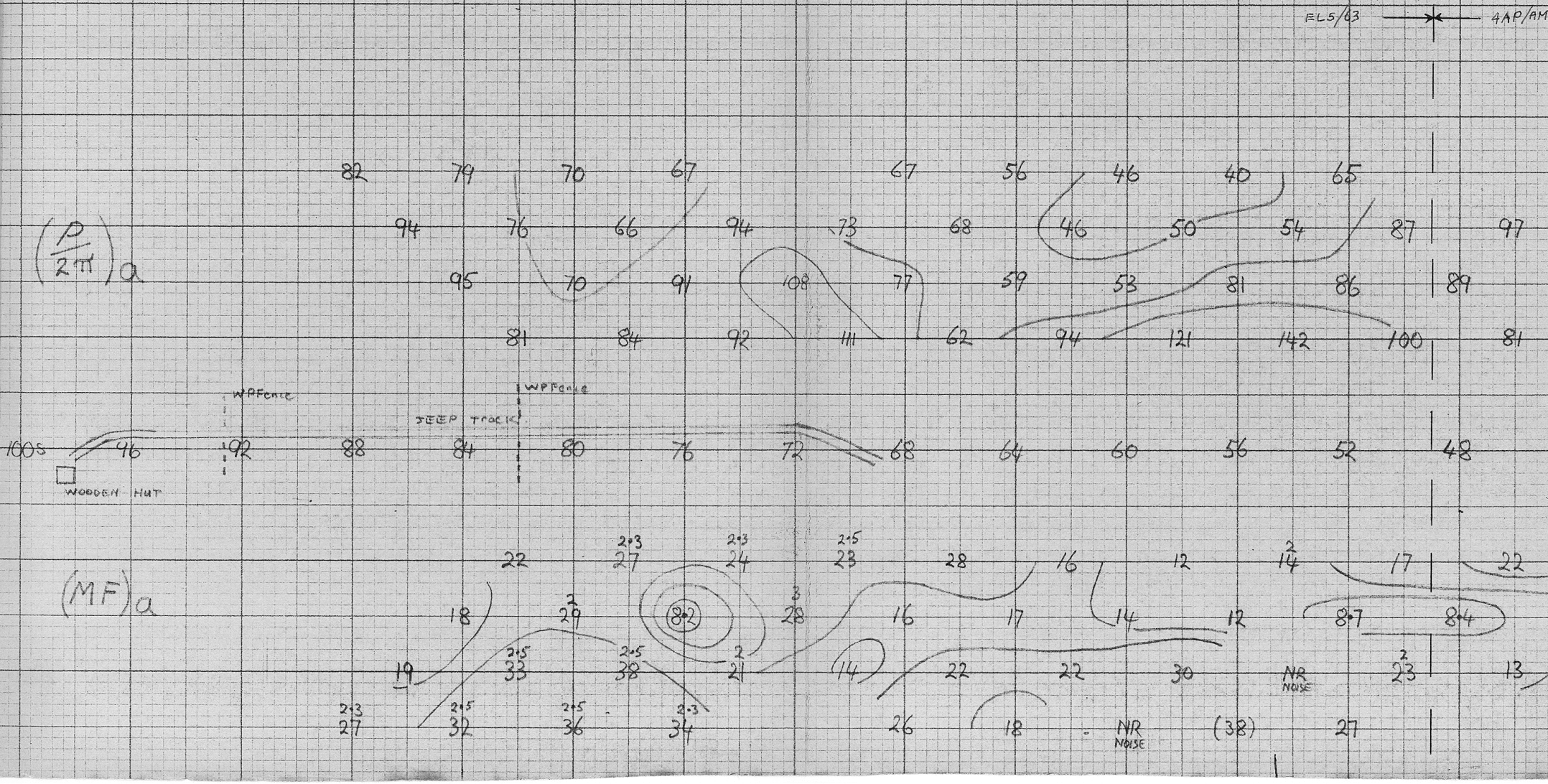
SPREAD: 400' FREQ: ¼ & 2.5 CPS

7 . 4 . 65

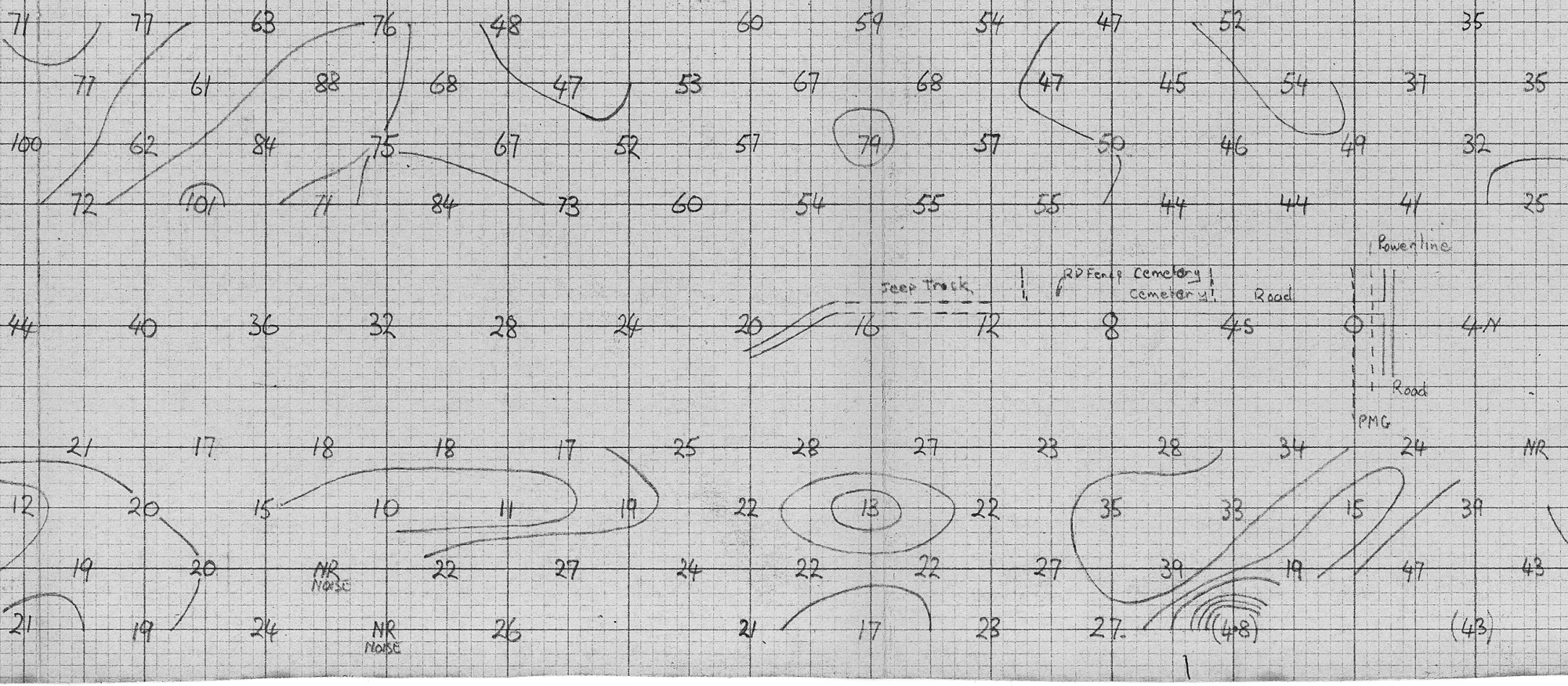
5 cm

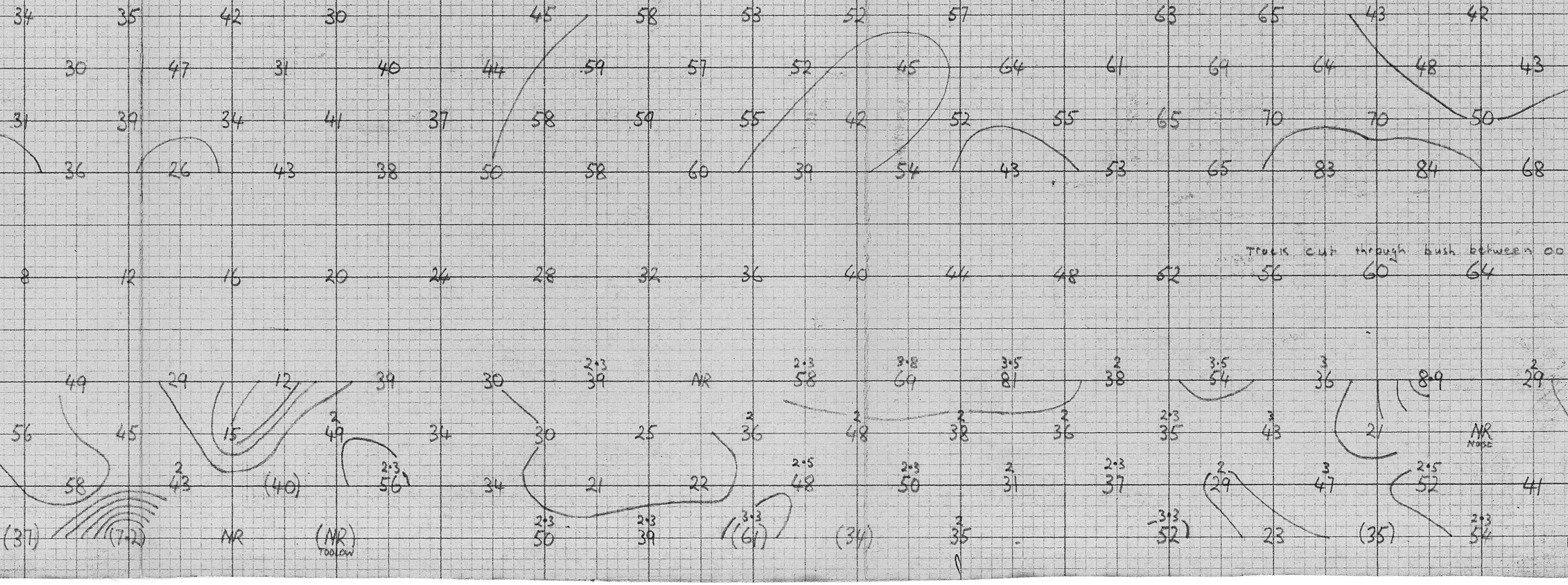
227028

020



EL5/63
4AP/AM
$\left(\frac{\rho}{2\pi}\right)a$
82 79 70 67 67 56 46 40 65
94 76 66 94 73 68 46 50 54 87 97
95 70 91 108 77 59 53 81 86 89
81 84 92 111 62 94 121 142 100 81
WP Fence
WP Fence
JEEP TRACK
100S 46 92 88 84 80 76 72 68 64 60 56 52 48
WOODEN HUT
$(MF)a$
22 2·3 27 2·3 24 2·5 23 28 16 12 2 14 17 22
18 2 29 8·2 3 28 16 17 14 12 8·7 8·4
19 2·5 33 2·5 38 2 21 14 22 22 30 NR NOISE 2 23 13
2·3 27 2·5 32 2·5 36 2·3 34 26 18 NR NOISE (38) 27


71 77 63 76 48 60 59 54 47 52 35
77 61 88 68 47 53 67 68 47 45 54 37 35
100 62 84 75 67 52 57 79 57 50 46 49 32
72 101 71 84 73 60 54 55 55 44 44 41 25
Powerline
Jeep Track
RD Fence Cemetery
Cemetery
Road
44 40 36 32 28 24 20 16 12 8 4S 0 4N
Road
PMG
21 17 18 18 17 25 28 27 23 28 34 24 NR
12 20 15 10 11 19 22 13 22 35 33 15 39
19 20 NR Noise 22 27 24 22 22 27 39 19 47 43
21 19 24 NR Noise 26 21 17 23 27 (48) (43)



Track cut through bush between 00

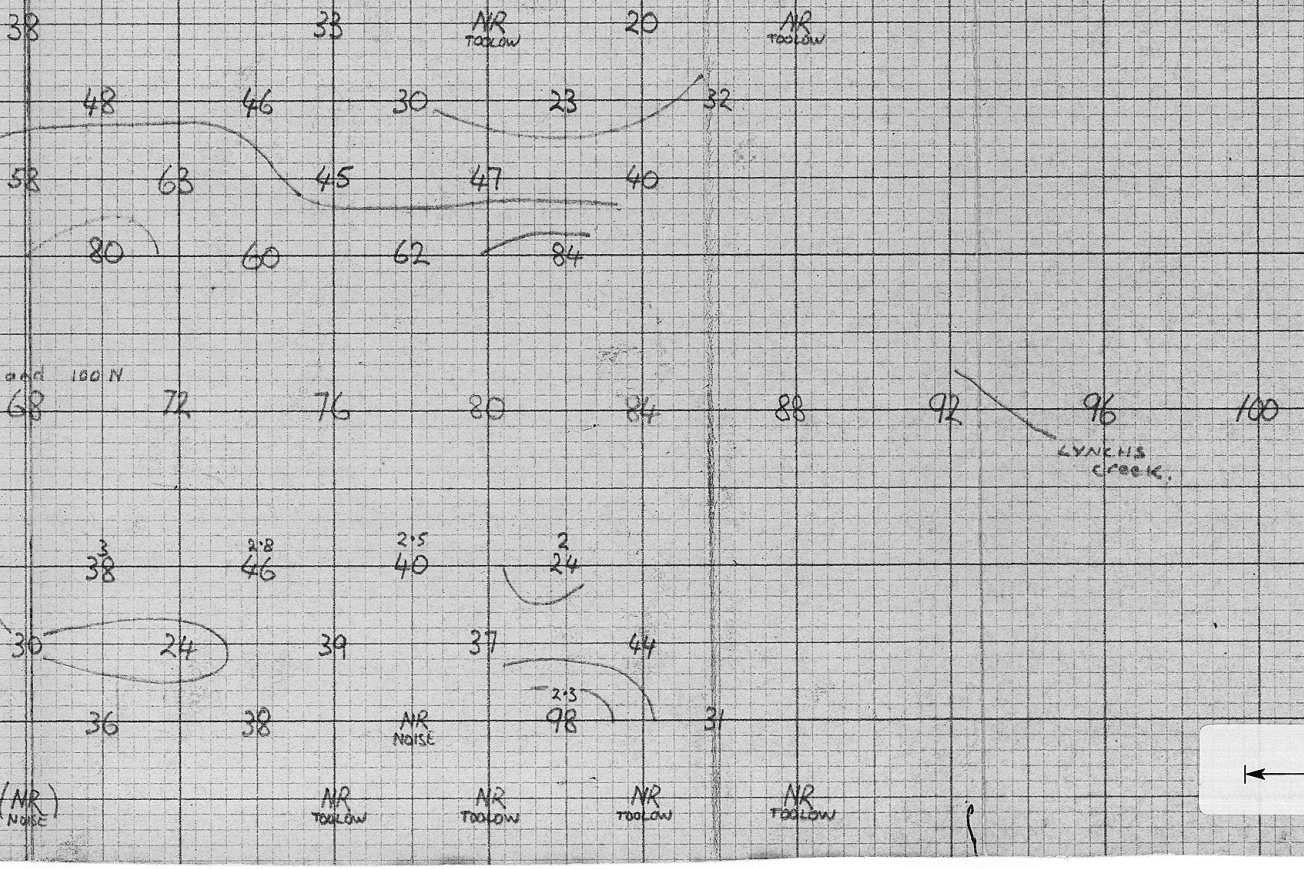
227029

M. E. P. L.

WARATAH C.E.M.

SPREAD: 400' FREQ: 1/4 & 2.5 CPS

7 . 4 . 65


38
33
NR TOO LOW
20
NR TOO LOW
48
46
30
23
32
58
68
45
47
40
80
60
62
84
and 100 N
68
72
76
80
84
88
92
96
100
LYNCHS Creek
3
38
2·8
46
2·5
40
2
24
30
24
39
37
44
36
38
NR NOISE
2·3
98
31
(NR) NOISE
NR TOO LOW
NR TOO LOW
NR TOO LOW
NR TOO LOW

5 cm

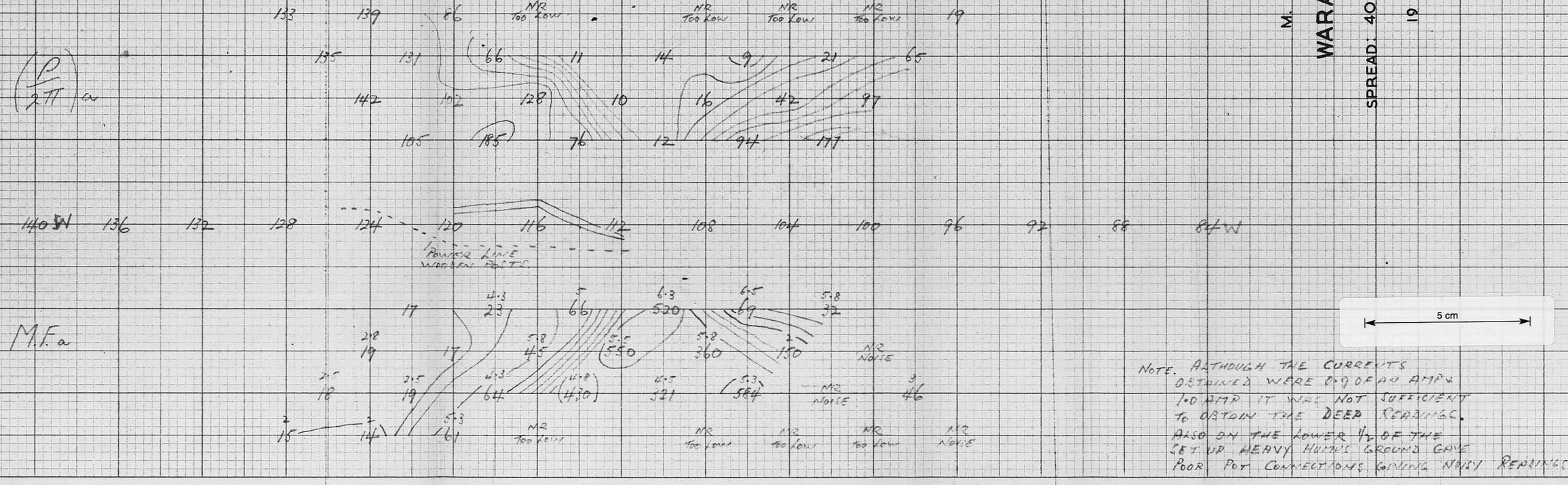
039

M. E. P. L.

WARATAH C.W.

SPREAD: 400' FREQ: ¼ & 2.5 CPS

19 . 3 . 65



NOTE. ALTHOUGH THE CURRENTS OBTAINED WERE 0.9 OF AN AMP. 1.0 AMP IT WAS NOT SUFFICIENT TO OBTAIN THE DEEP READINGS. ALSO ON THE LOWER ½ OF THE SET UP HEAVY HUMUS GROUND GAVE POOR POT CONNECTIONS GIVING NOISY READINGS.

227030

227031

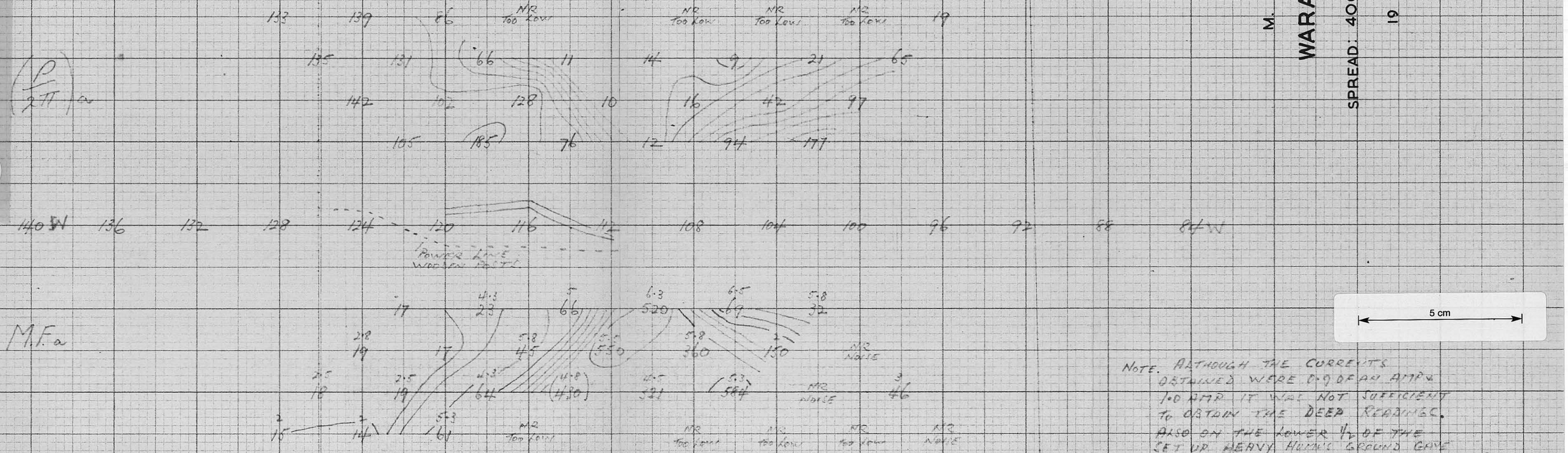
014

M. E. P. L.

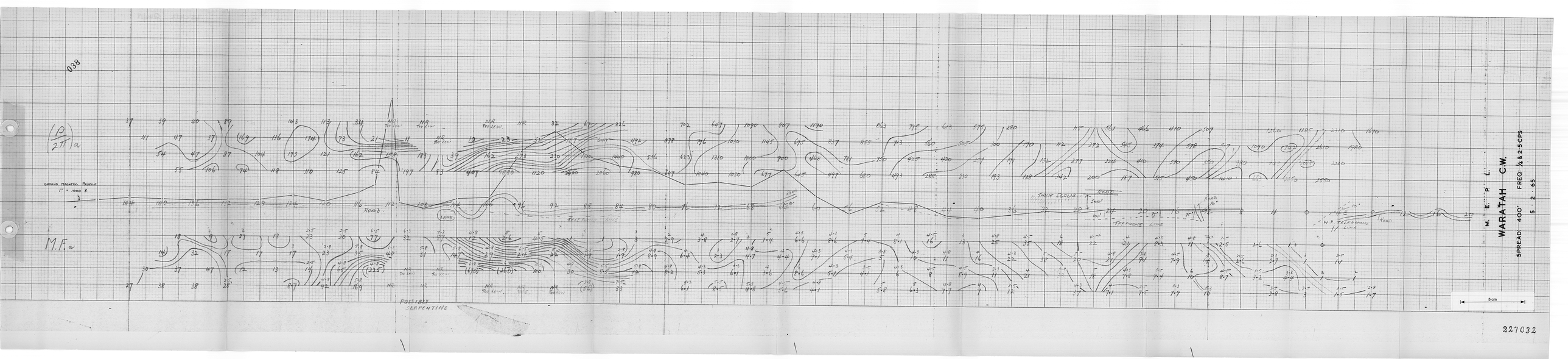
WARATAH C.W.

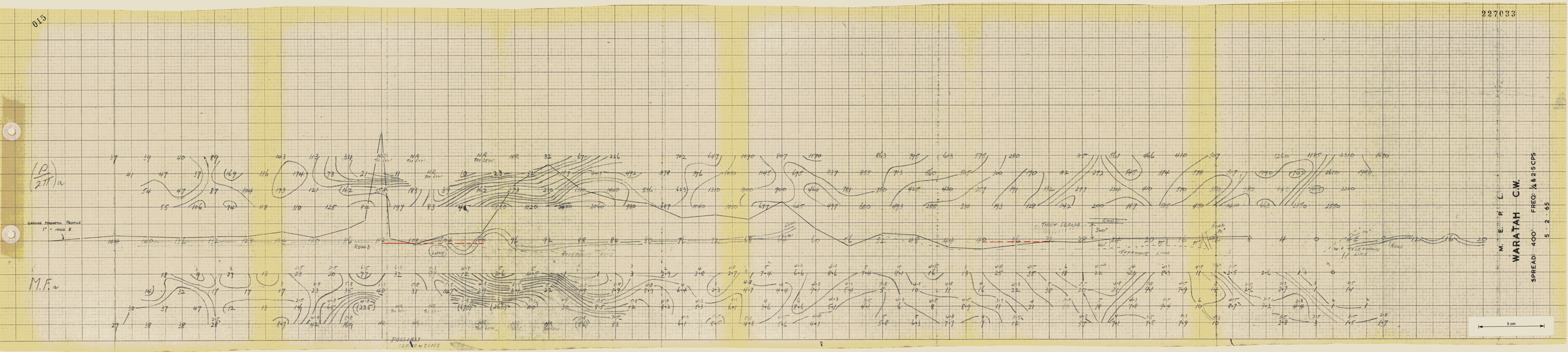
SPREAD: 400' FREQ: 4 & 2.5 CPS

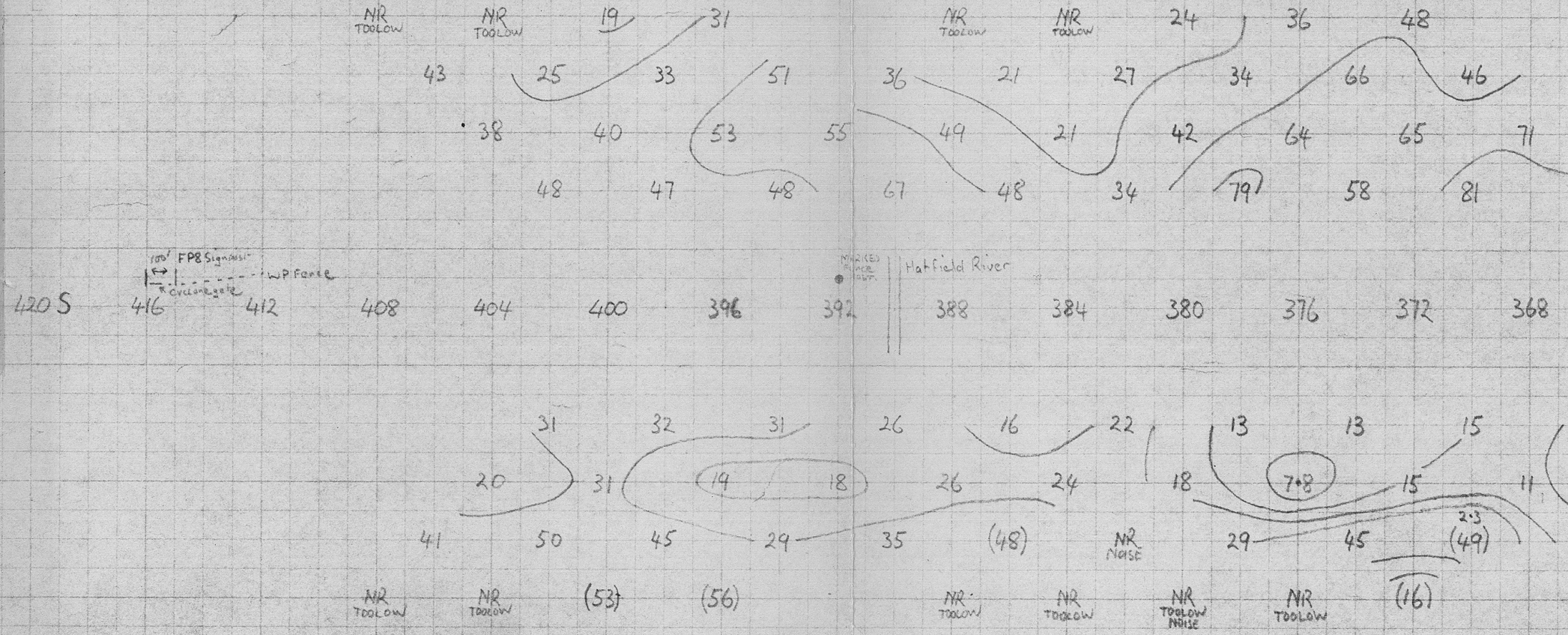
19 . 3 . 65

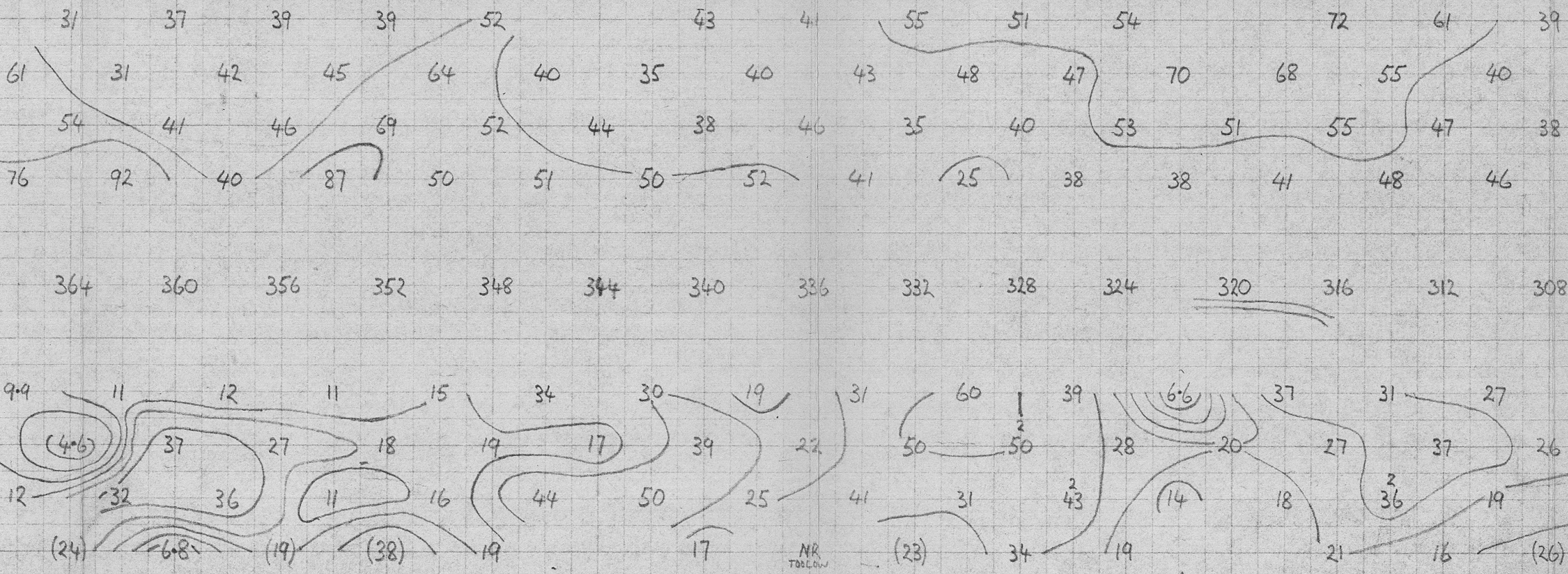


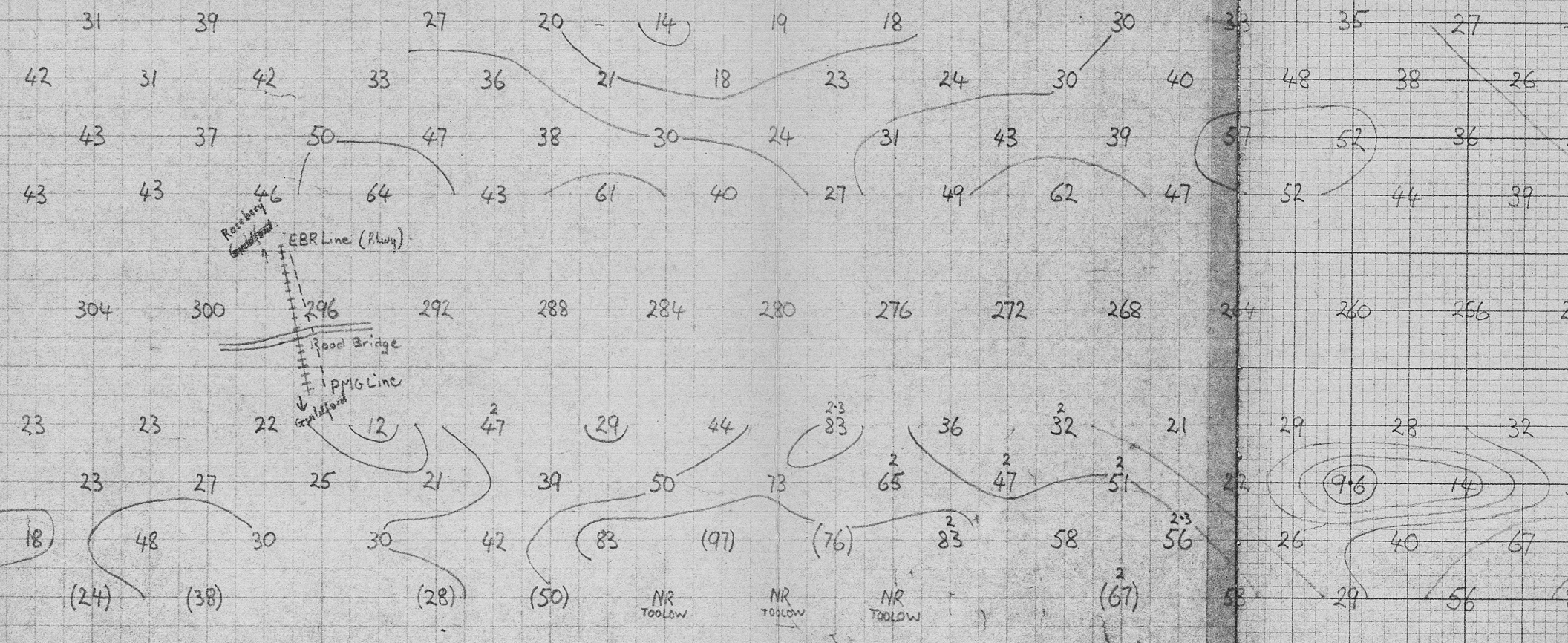
NOTE. ALTHOUGH THE CURRENTS DETECTED WERE 0.0 OF AN AMP ON 1.0 AMP IT WAS NOT SUFFICIENT TO OBTAIN THE DEEP READINGS. ALSO ON THE LOWER ½ OF THE SET UP HEAVY HUMAN GROUND CAVE POOR POT CONNECTIONS GIVING NOISY READINGS.

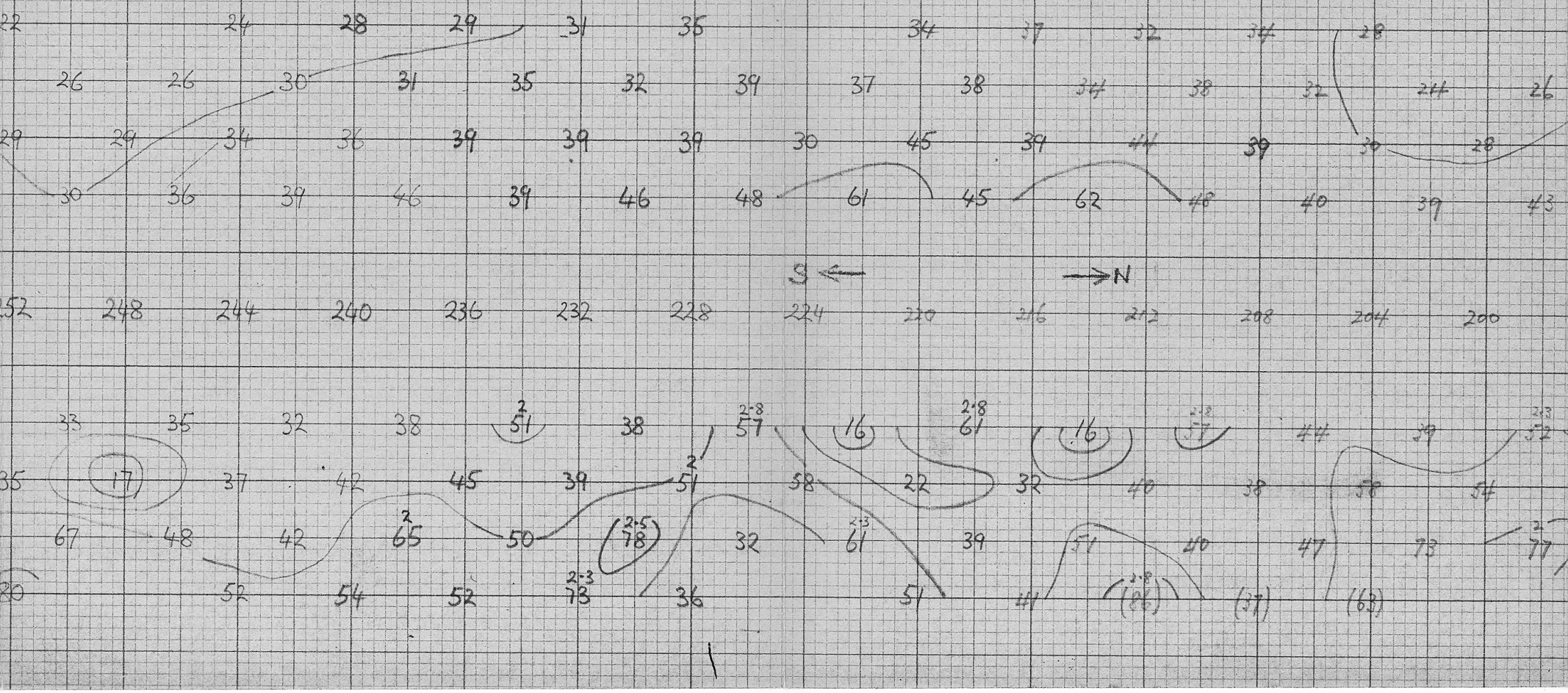

038
$\left(\frac{\rho}{2\pi}\right)a$
M.F.a
GROUND MAGNETIC PROFILE
1" = 1000 γ
ROAD
LANE
TELEPHONE LINE
THICK SCRUB
TRENCHING LINE
W.P. TELEPHONE LINE
POSSIBLY SERPENTINE
M. E. P. L.
WARATAH C.W.
SPREAD: 400'
FREQ: 1/4 & 2.5 CPS
5 · 2 · 65
5 cm
227032


015
227033
M. E. P. L.
WARATAH C.W.
SPREAD: 400'
FREQ: 1/4 & 2·5 CPS
5 · 2 · 65
GROUND MAGNETIC PROFILE
1" = 1000 γ
M.F.a
ROAD
TELEPHONE LINE
THICK SCRUB
POSSIBLY SERPENTINE
5 cm

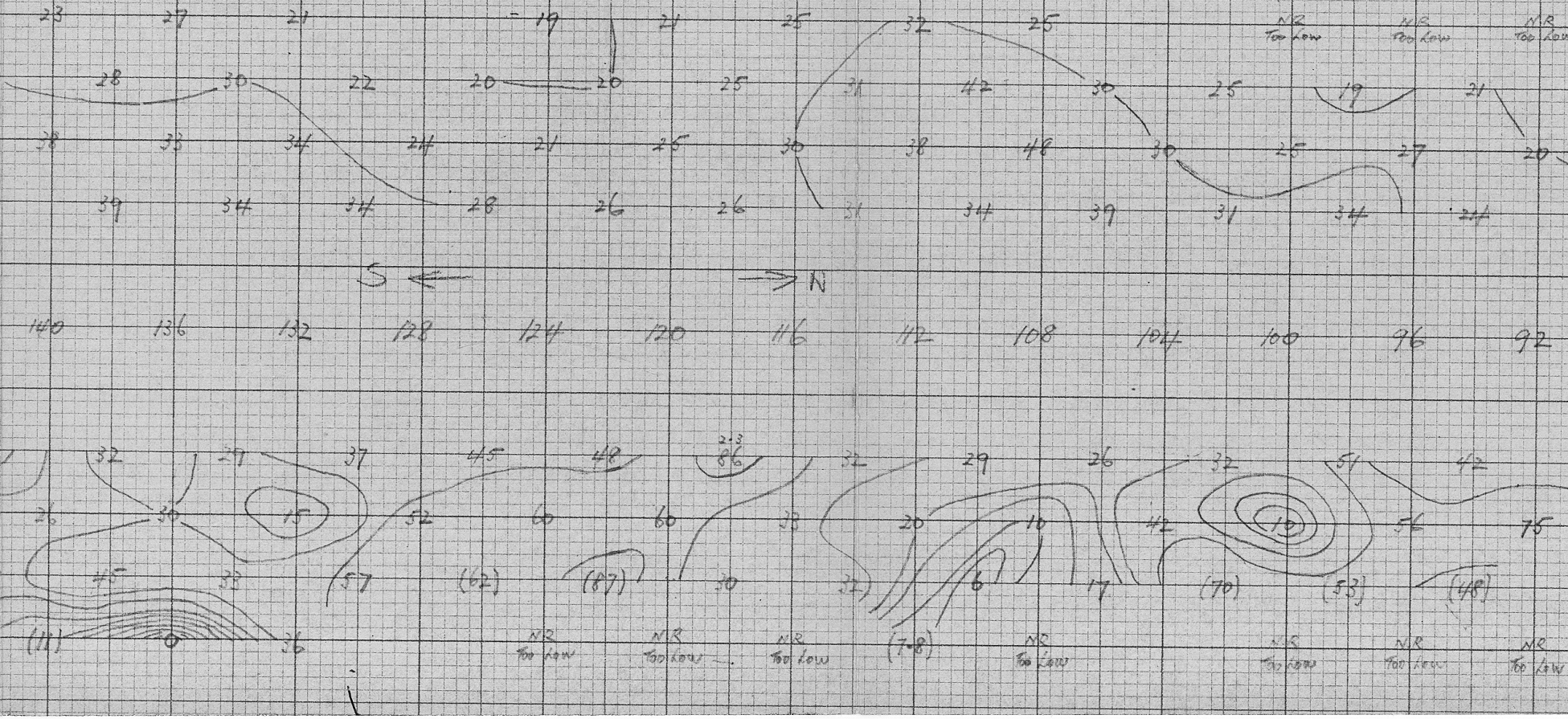


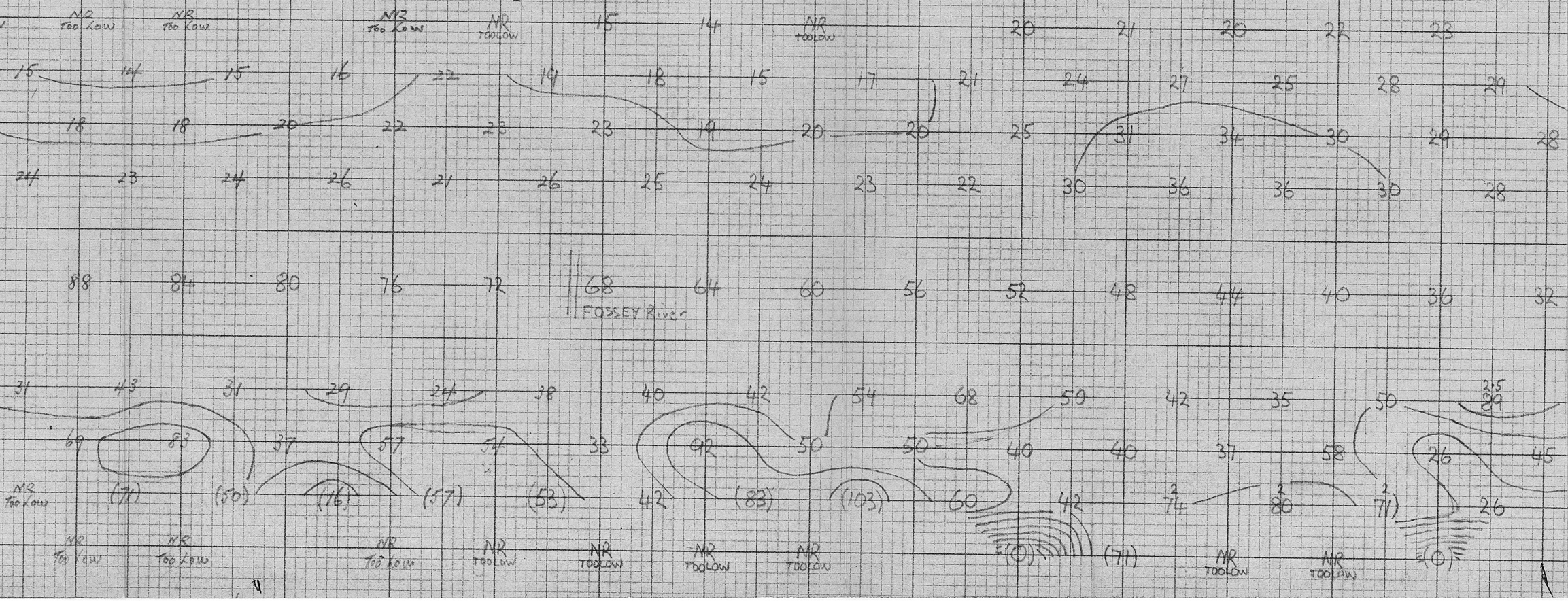

31 37 39 39 52 43 41 55 51 54 72 61 39
61 31 42 45 64 40 35 40 43 48 47 70 68 55 40
54 41 46 69 52 44 38 46 35 40 53 51 55 47 38
76 92 40 87 50 51 50 52 41 25 38 38 41 48 46
364 360 356 352 348 344 340 336 332 328 324 320 316 312 308
9·9 11 12 11 15 34 30 19 31 60 39 6·6 37 31 27
(4·6) 37 27 18 19 17 39 22 50 50 28 20 27 37 26
12 32 36 11 16 44 50 25 41 31 43 14 18 36 19
(24) 6·8 (19) (38) 19 17 NR TOO LOW (23) 34 19 21 16 (26)


31
39
27
20
-
14
19
18
30
33
35
27
42
31
42
33
36
21
18
23
24
30
40
48
38
26
43
37
50
47
38
30
24
31
43
39
57
52
36
43
43
46
64
43
61
40
27
49
62
47
52
44
39
Roseberry
~~Guildford~~
EBR Line (Rlwy)
304
300
296
292
288
284
280
276
272
268
264
260
256
Road Bridge
PMG Line
Guildford
23
23
22
12
2
47
29
44
2·3
83
36
2
32
21
29
28
32
23
27
25
21
39
50
73
2
65
2
47
2
51
22
9·6
14
18
48
30
30
42
83
(97)
(76)
2
83
58
2·3
56
26
40
67
(24)
(38)
(28)
(50)
NR
TOOLOW
NR
TOOLOW
NR
TOOLOW
2
(67)
53
29
56


22 24 28 29 31 35 34 37 32 34 28
26 26 30 31 35 32 39 37 38 34 38 32 24 26
29 29 34 36 39 39 39 30 45 39 44 39 30 28
30 36 39 46 39 46 48 61 45 62 48 40 39 43
S ←
→ N
252 248 244 240 236 232 228 224 220 216 212 208 204 200
33 35 32 38 2 51 38 2·8 57 16 2·8 61 16 2·8 57 44 39 2·3 52
35 17 37 42 45 39 2 51 58 22 32 40 38 58 54
67 48 42 2 65 50 2·5 78 32 2·3 61 39 51 40 47 73 2 77
30 52 54 52 2·3 73 36 51 44 2·8 (86) (37) (63)






NR Too Low
NR Too Low
NR Too Low
NR TOO LOW
15
14
NR TOO LOW
20
21
20
22
23
15
14
15
16
22
19
18
15
17
21
24
27
25
28
29
18
18
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22
23
23
19
20
20
25
31
34
30
29
28
24
23
24
26
21
26
25
24
23
22
30
36
36
30
28
88
84
80
76
72
68
64
60
56
52
48
44
40
36
32
FOSSEY River
31
43
31
29
24
38
40
42
54
68
50
42
35
50
2.5
89
69
83
37
57
54
33
92
50
50
40
40
37
58
26
45
NR Too Low
(71)
(50)
(16)
(57)
(53)
42
(83)
(103)
60
42
2
74
2
80
2
71)
26
NR Too Low
NR Too Low
NR Too Low
NR TOOLOW
NR TOOLOW
NR TOOLOW
NR TOOLOW
(0)
(71)
NR TOOLOW
NR TOOLOW
(0)

227084

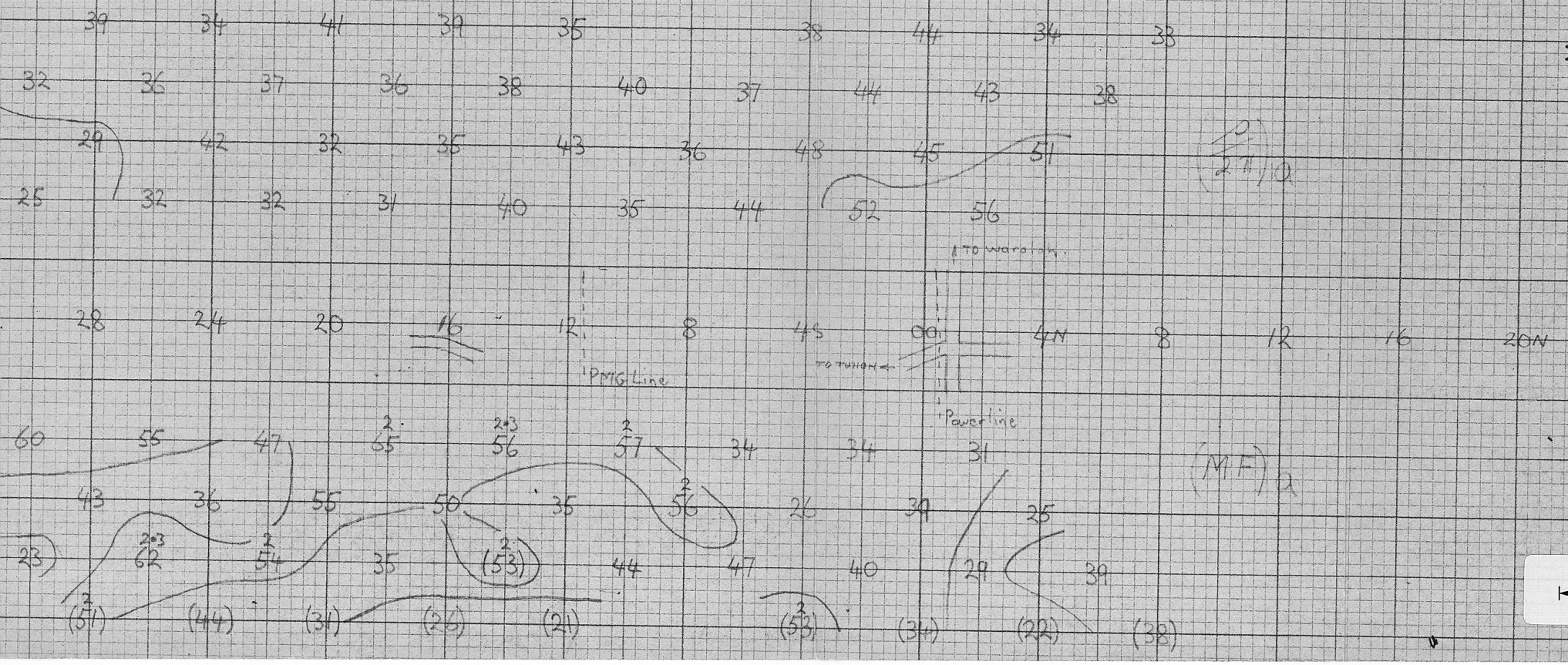
M. E. P. L.

WARATAH MUR.

SPREAD: 400′ FREQ: ¼ & 2.5 CPS

15 . 4 . 65.

LINE FOLLOWS ALONG RIGHT HAND SIDE OF ROAD FOR ENTIRE LENGTH



5 cm

WEATHER LAND

Issued 2007/08/14 17:00

Low pressure system moving east at 40 km/h

Cold front

Warm front

Occluded front

Stationary front

Trough

Ridge

Tropical storm

Hurricane

Isobars (hPa)

Temperature (°C)

Precipitation

Wind speed (km/h)

Wind direction

Gust

Visibility

Cloud cover

Sunshine

Snow depth

Freezing level

Thunderstorm

Fog

Rain

Snow

Sleet

Hail

Drizzle

Freezing rain

Blowing snow

Blizzard

Dust storm

Sandstorm

Haze

Smoke

Volcanic ash

Ice pellets

Ice crystals

Ice fog

Mist

Waterspout

Tornado

Funnel cloud

Squall

Lightning

Aurora

Rainbow

Halo

Sun dog

Sun pillar

Light pillar

Parhelic circle

Circumzenithal arc

Circumhorizontal arc

Fire weather

Avalanche

Landslide

Flood

Drought

Heat wave

Cold wave

Frost

Heavy rain

Heavy snow

Heavy sleet

Heavy hail

Heavy drizzle

Heavy freezing rain

Heavy blowing snow

Heavy dust storm

Heavy sandstorm

Heavy haze

Heavy smoke

Heavy volcanic ash

Heavy ice pellets

Heavy ice crystals

Heavy ice fog

Heavy mist

Heavy waterspout

Heavy tornado

Heavy funnel cloud

Heavy squall

Heavy lightning

Heavy aurora

Heavy rainbow

Heavy halo

Heavy sun dog

Heavy sun pillar

Heavy light pillar

Heavy parhelic circle

Heavy circumzenithal arc

Heavy circumhorizontal arc

Heavy fire weather

Heavy avalanche

Heavy landslide

Heavy flood

Heavy drought

Heavy heat wave

Heavy cold wave

Heavy frost

Heavy heavy rain

Heavy heavy snow

Heavy heavy sleet

Heavy heavy hail

Heavy heavy drizzle

Heavy heavy freezing rain

Heavy heavy blowing snow

Heavy heavy dust storm

Heavy heavy sandstorm

Heavy heavy haze

Heavy heavy smoke

Heavy heavy volcanic ash

Heavy heavy ice pellets

Heavy heavy ice crystals

Heavy heavy ice fog

Heavy heavy mist

Heavy heavy waterspout

Heavy heavy tornado

Heavy heavy funnel cloud

Heavy heavy squall

Heavy heavy lightning

Heavy heavy aurora

Heavy heavy rainbow

Heavy heavy halo

Heavy heavy sun dog

Heavy heavy sun pillar

Heavy heavy light pillar

Heavy heavy parhelic circle

Heavy heavy circumzenithal arc

Heavy heavy circumhorizontal arc

Heavy heavy fire weather

Heavy heavy avalanche

Heavy heavy landslide

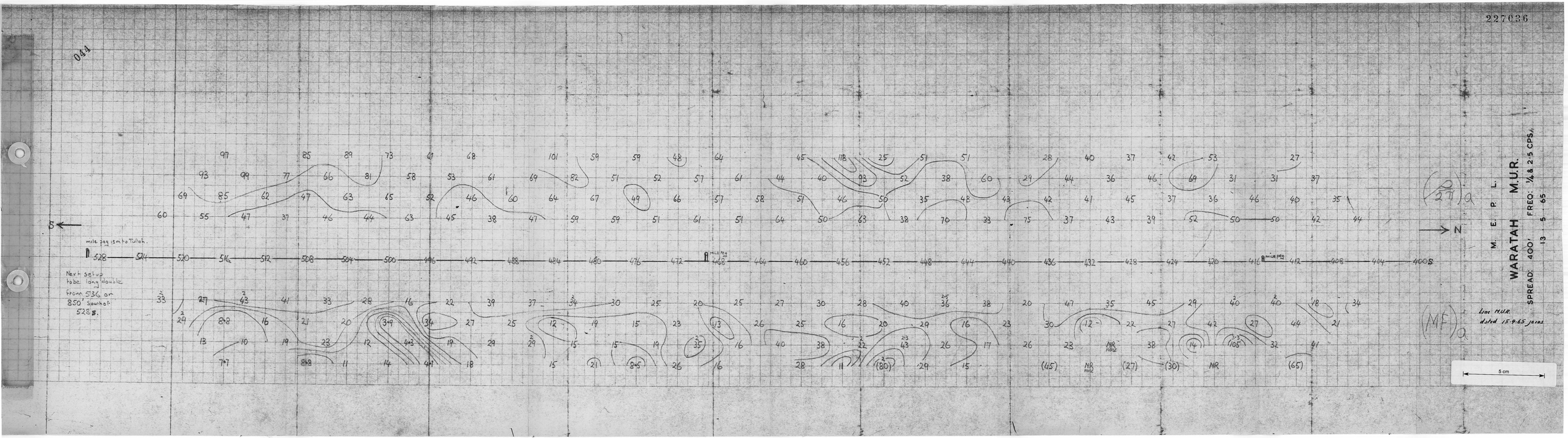
Heavy heavy flood

Heavy heavy drought

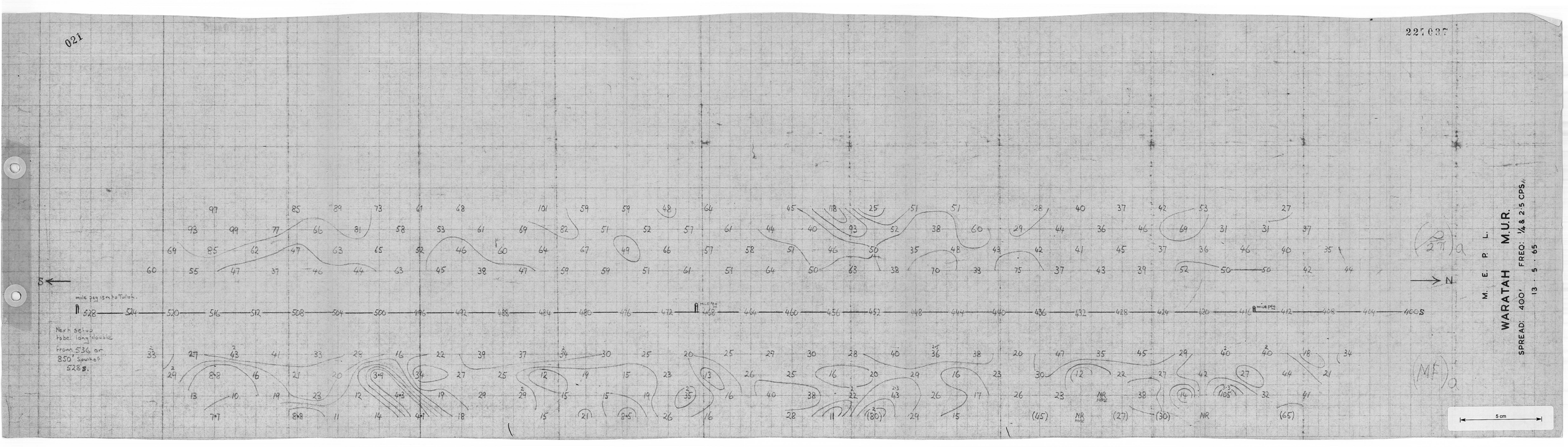
Heavy heavy heat wave

Heavy heavy cold wave

Heavy heavy frost



227036
044
S
N
mile peg 15m to Tullah.
Next setup to be long double from 536 on 850' South of 528 S.
M. E. P. L.
WARATAH M.U.R.
SPREAD: 400' FREQ: 1/4 & 2.5 CPS.
13 - 5 - 65
Line M.U.R. dated 15-9-65 joins
5 cm


021
227037
S
N
mile peg 15 m to Tullah.
Next setup to be long double from 536 or 850' South of 528 S.
M. E. P. L.
WARATAH M.U.R.
SPREAD: 400' FREQ: 1/4 & 2·5 CPS.
13 · 5 · 65
5 cm

W. E. P. L.

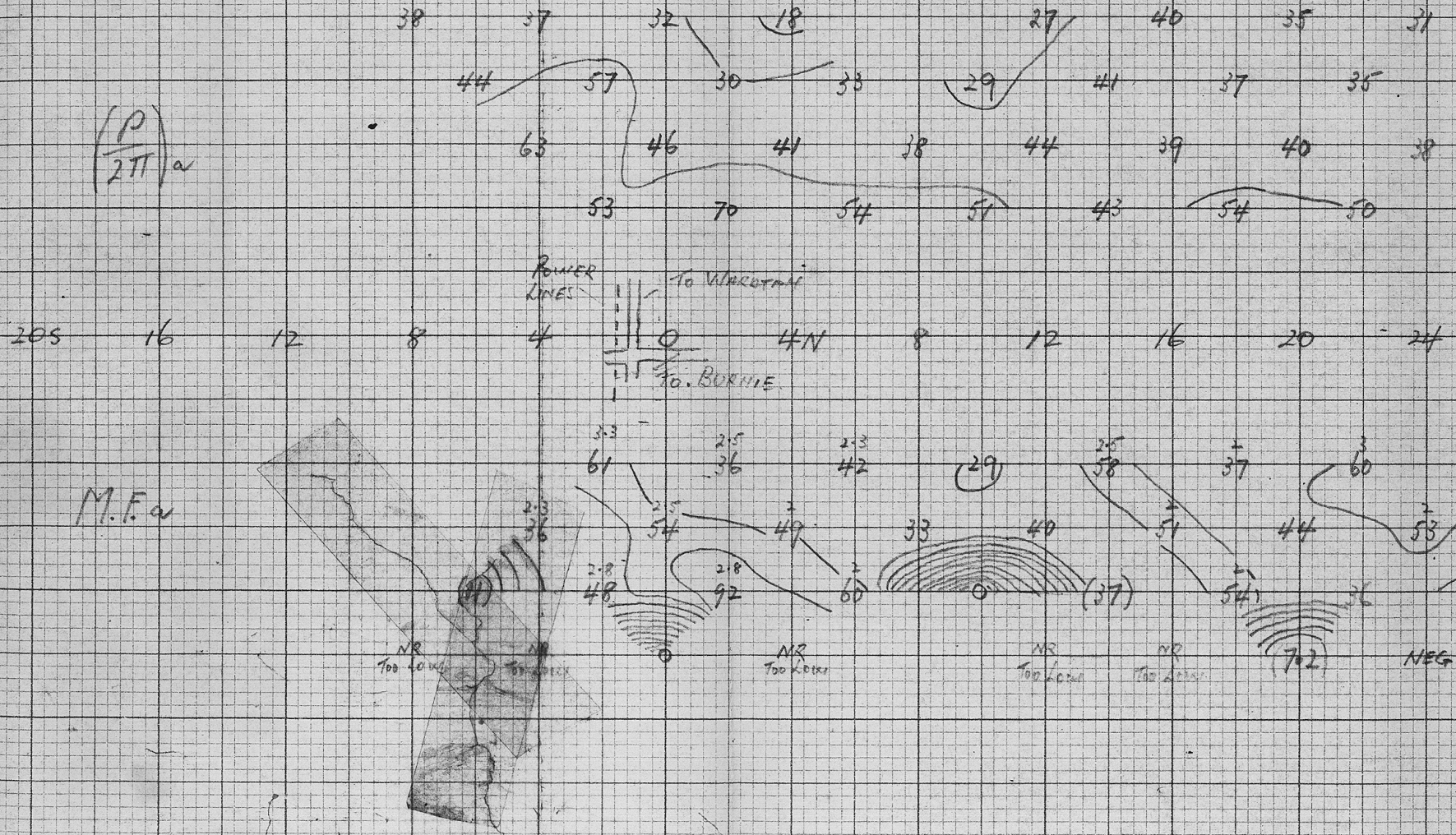
WARATAH - W.B.

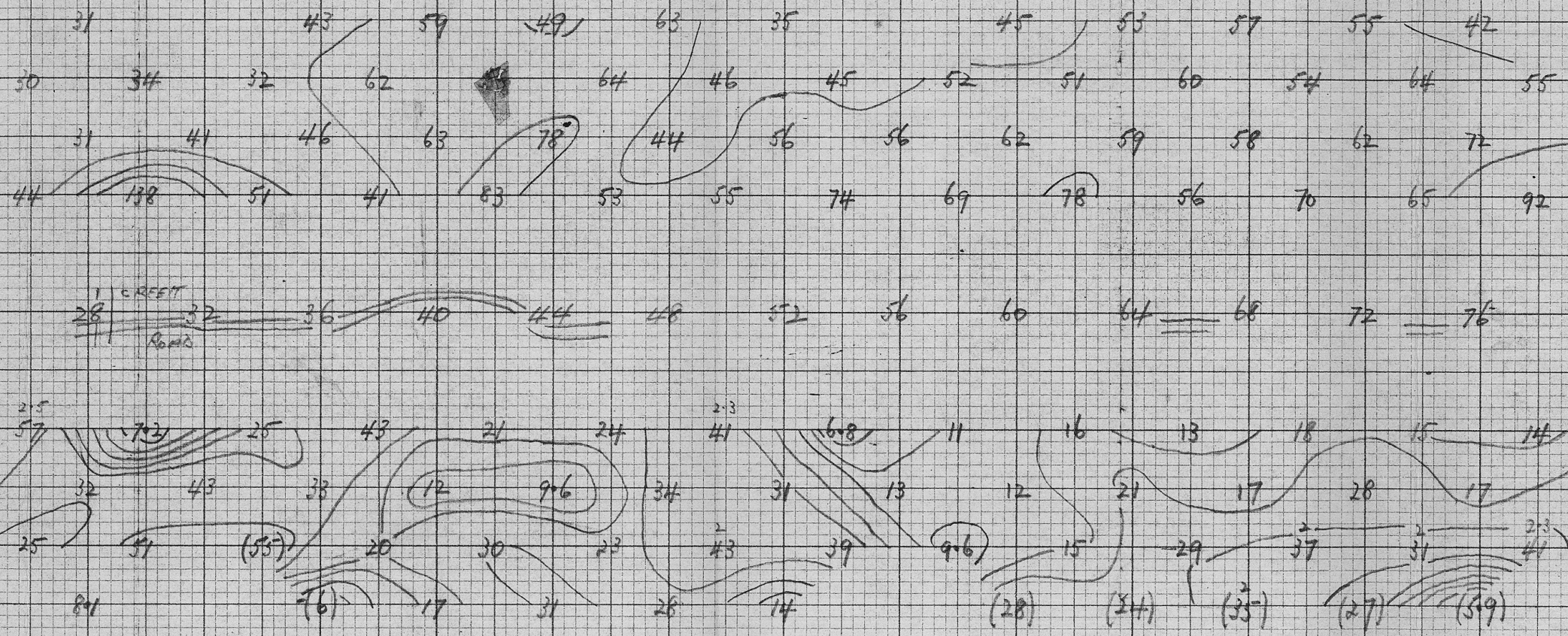
LANGLEY ROAD ENGINE 3 P.S.

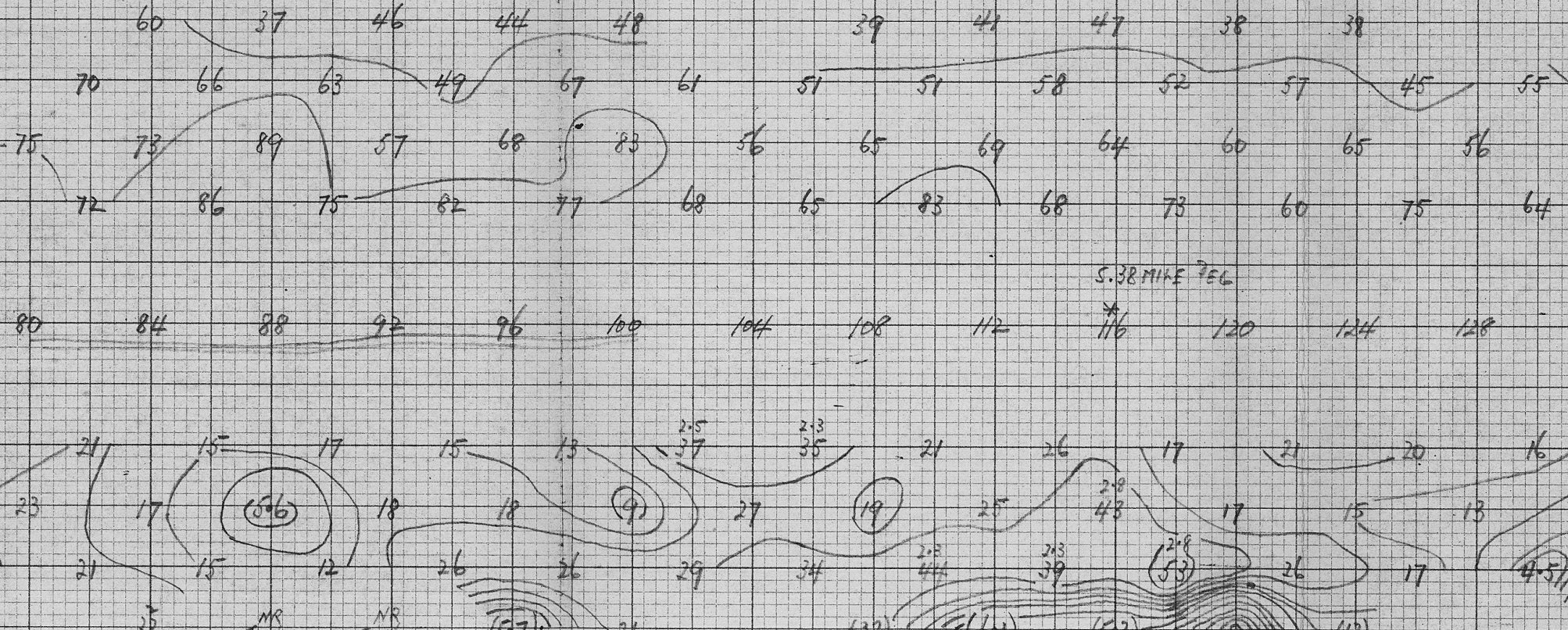
SL. 3 SL.

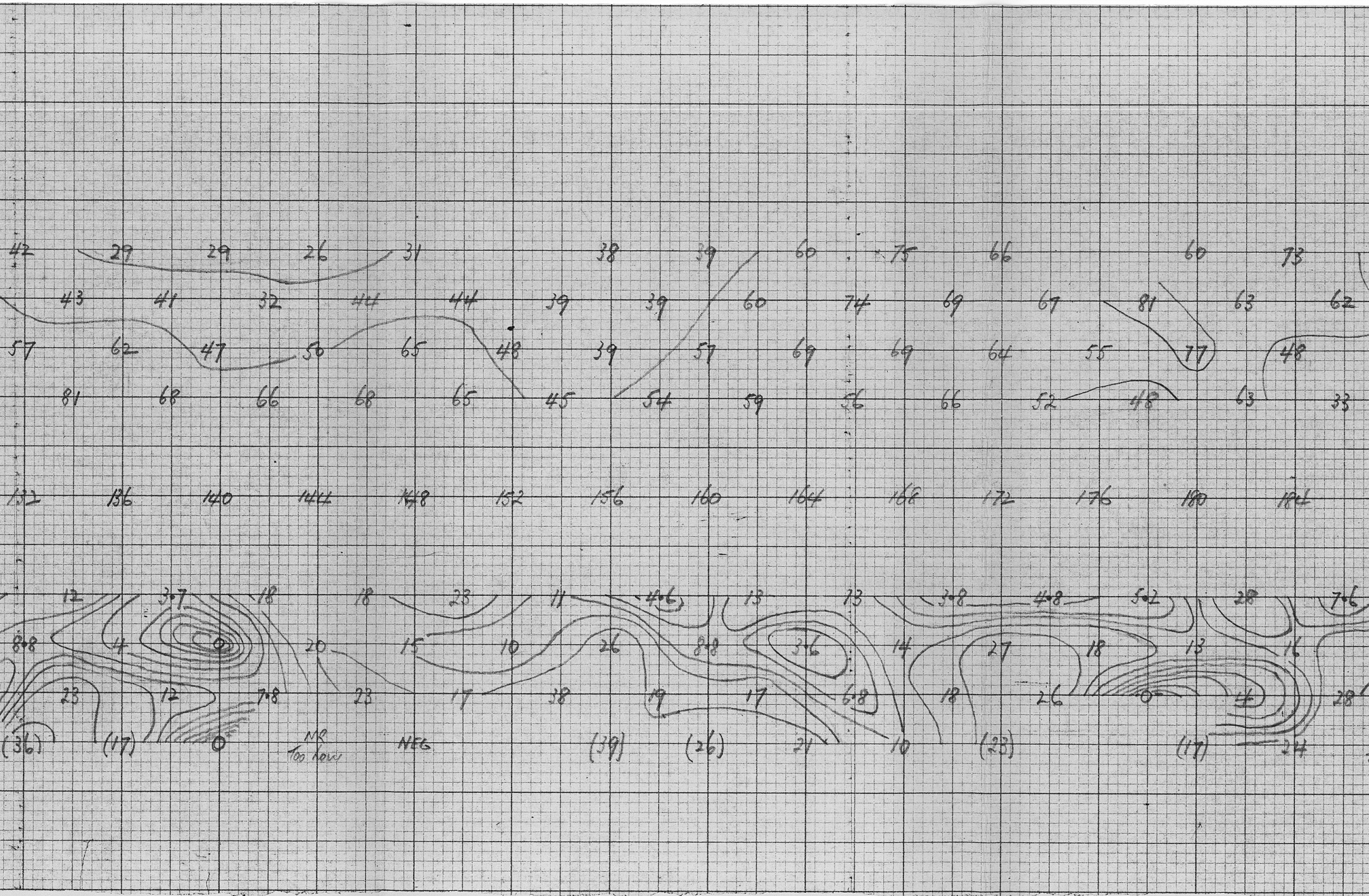
337625

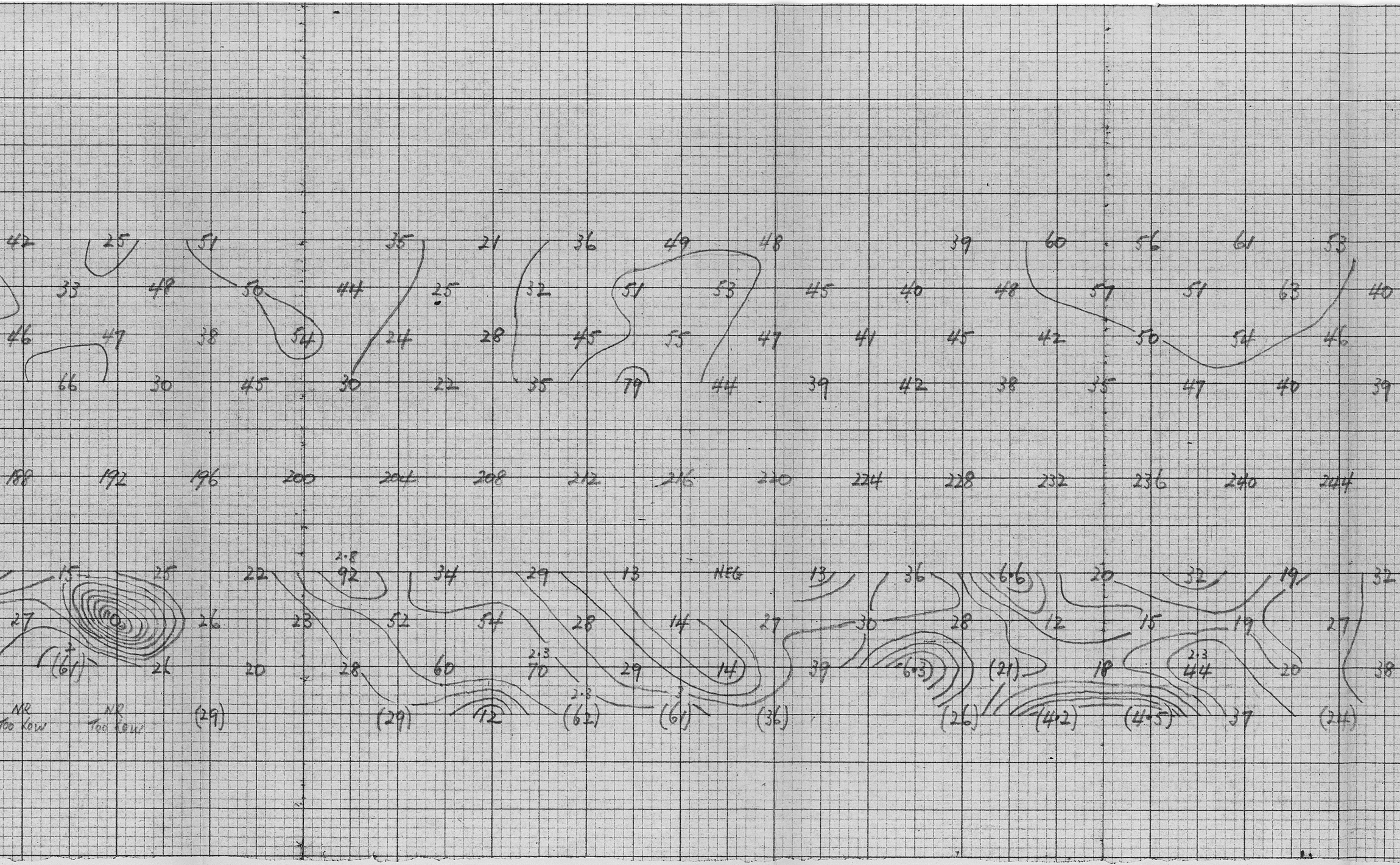
041

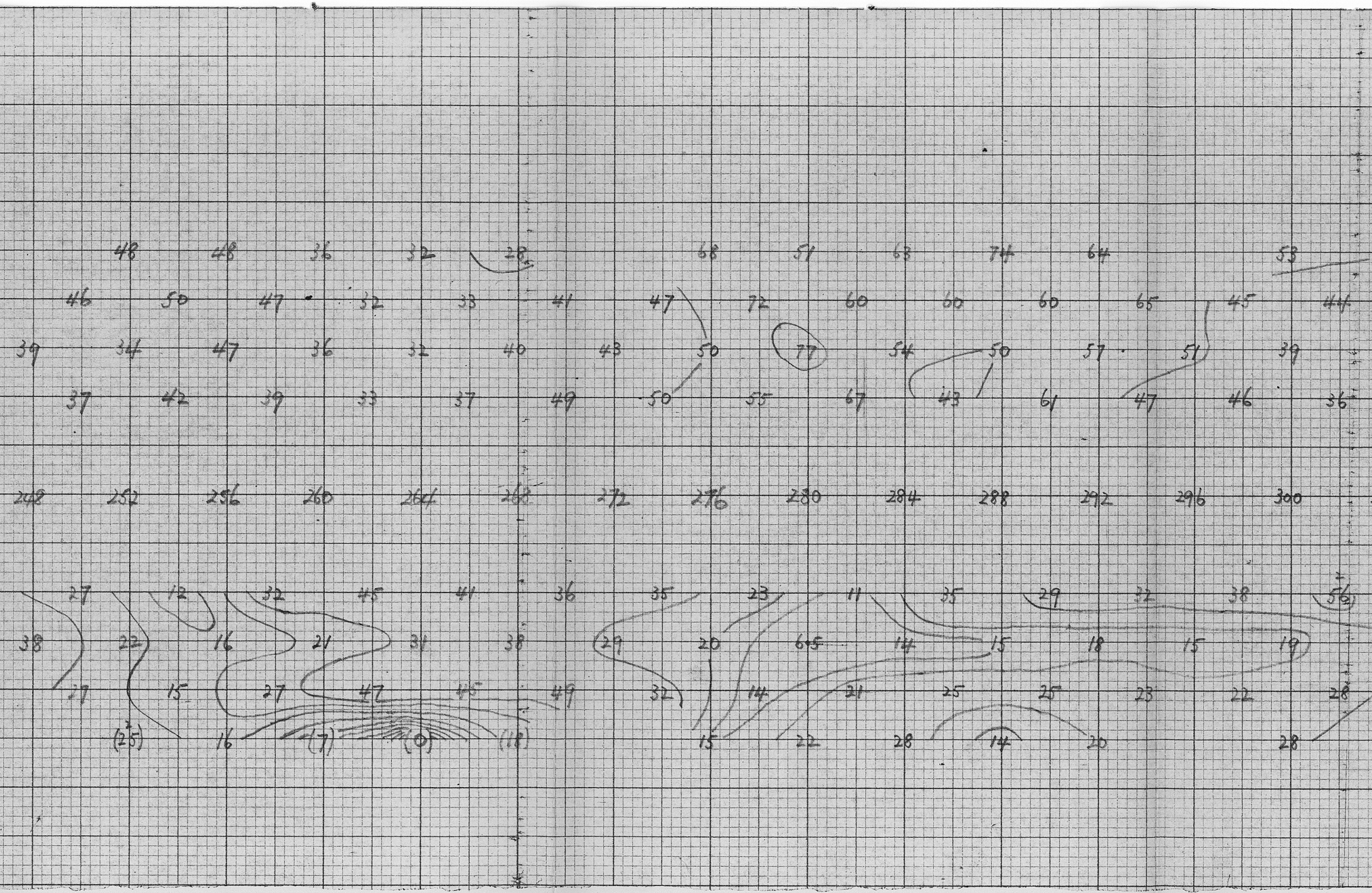


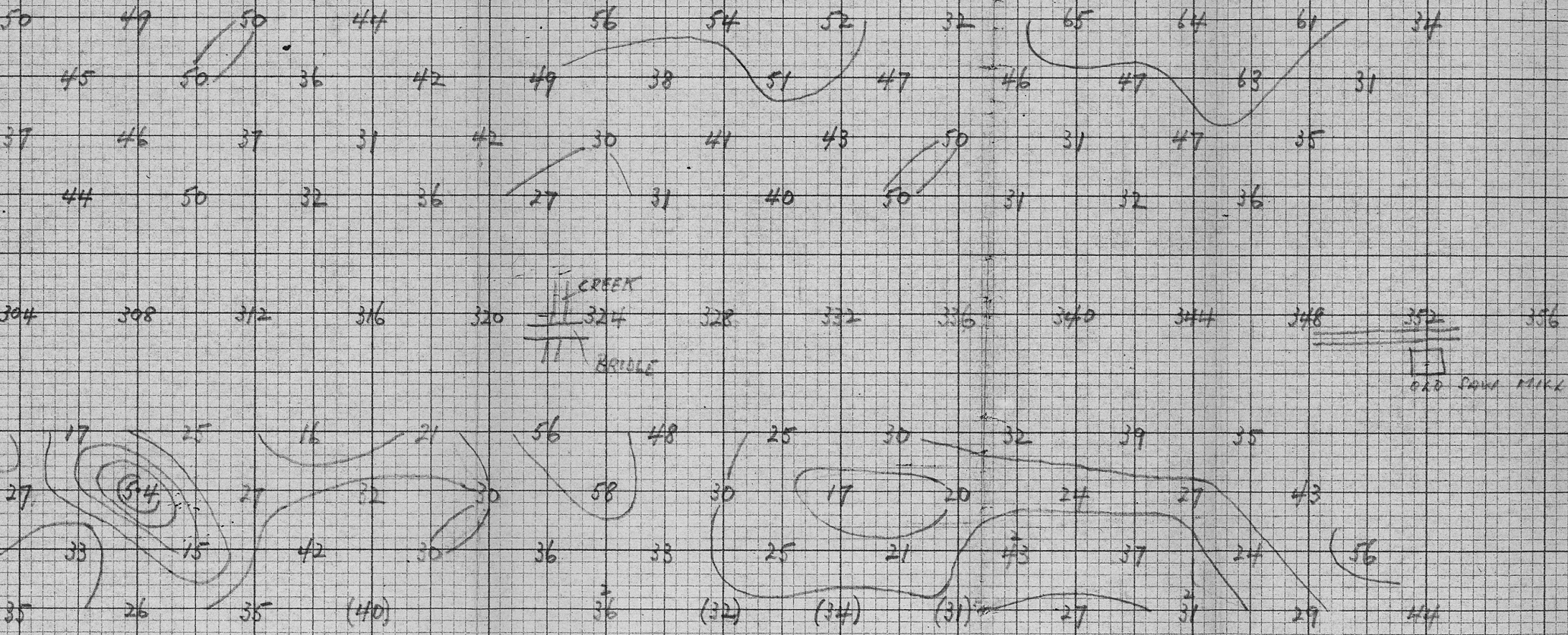

31
43
59
49
63
35
45
53
57
55
42
30
34
32
62
64
46
45
52
51
60
54
64
55
31
41
46
63
78
44
56
56
62
59
58
62
72
44
138
51
41
83
53
55
74
69
78
56
70
65
92
1
CREEK
28
32
ROAD
36
40
44
48
52
56
60
64
68
72
76
2.5
57
7.2
25
43
21
24
2.3
41
6.8
11
16
13
18
15
14
32
43
33
12
9.6
34
31
13
12
21
17
28
17
25
51
(55)
20
30
23
2
43
39
9.6
15
29
2
37
2
31
2.3
41
84
(6)
17
31
28
14
(28)
(34)
2
(35)
(27)
(59)










50 49 50 44 56 54 52 32 65 64 61 34
45 50 36 42 49 38 51 47 46 47 63 31
37 46 37 31 42 30 41 43 50 31 47 35
44 50 32 36 27 31 40 50 31 32 36
CREEK
BRIDGE
304 308 312 316 320 324 328 332 336 340 344 348 352 356
OLD SAW MILL
17 25 16 21 56 48 25 30 32 39 35
27 54 27 32 30 58 30 17 20 24 27 43
33 15 42 30 36 33 25 21 43 37 24 56
35 26 35 (40) 36 (32) (34) (31) 27 31 29 44

227039

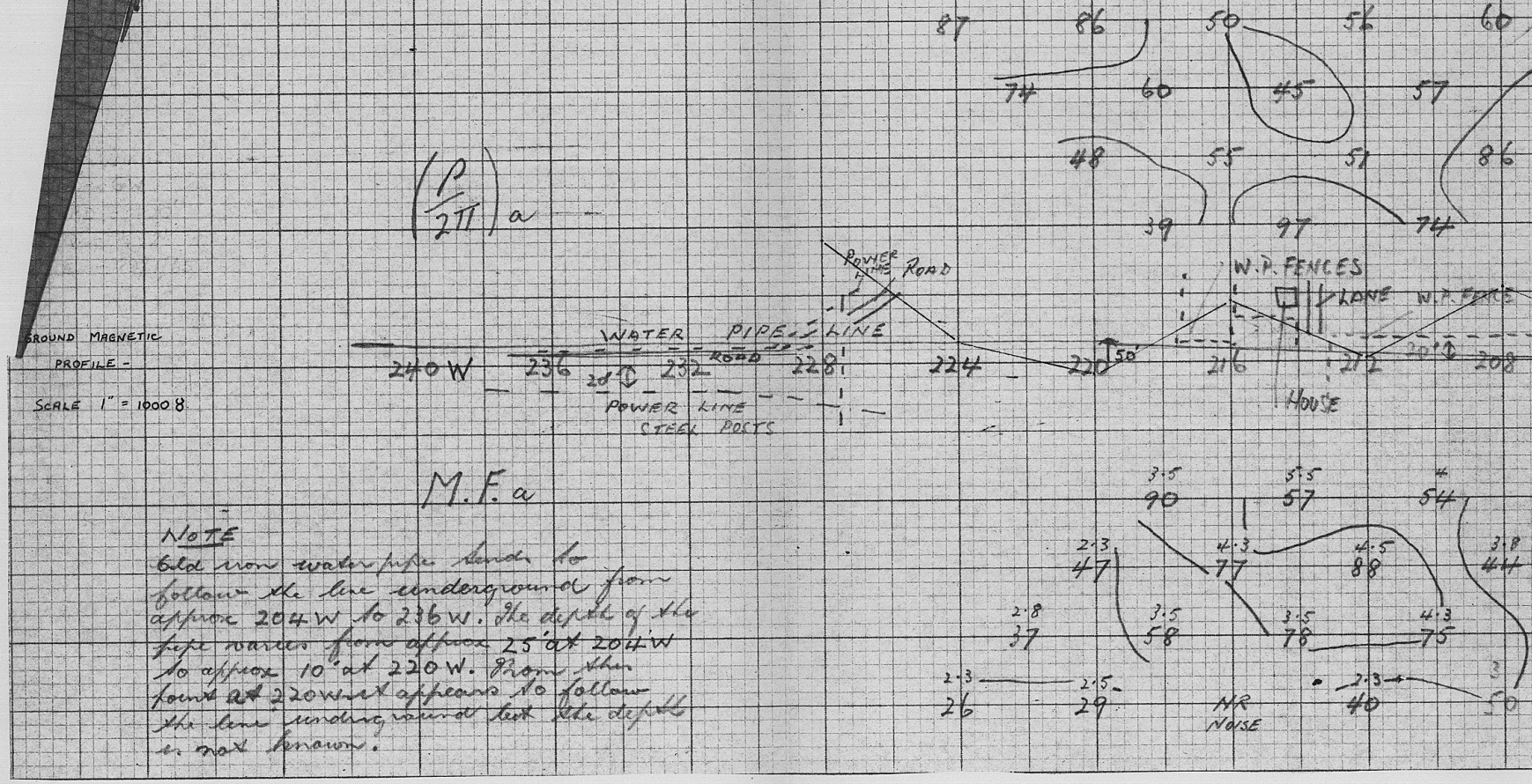
M. E. P. L.

WARATAH W.B.

SPREAD: 400' FREQ: ¼ & 2.5 CPS

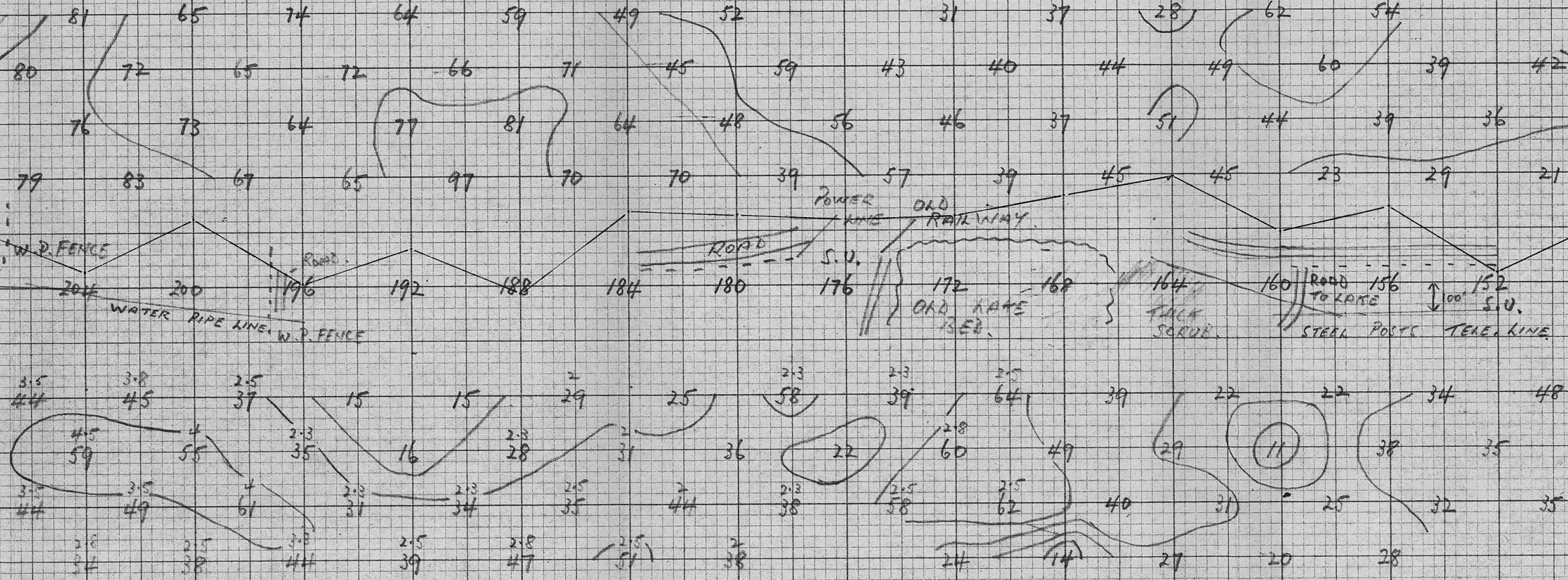
21 . 2 . 65.

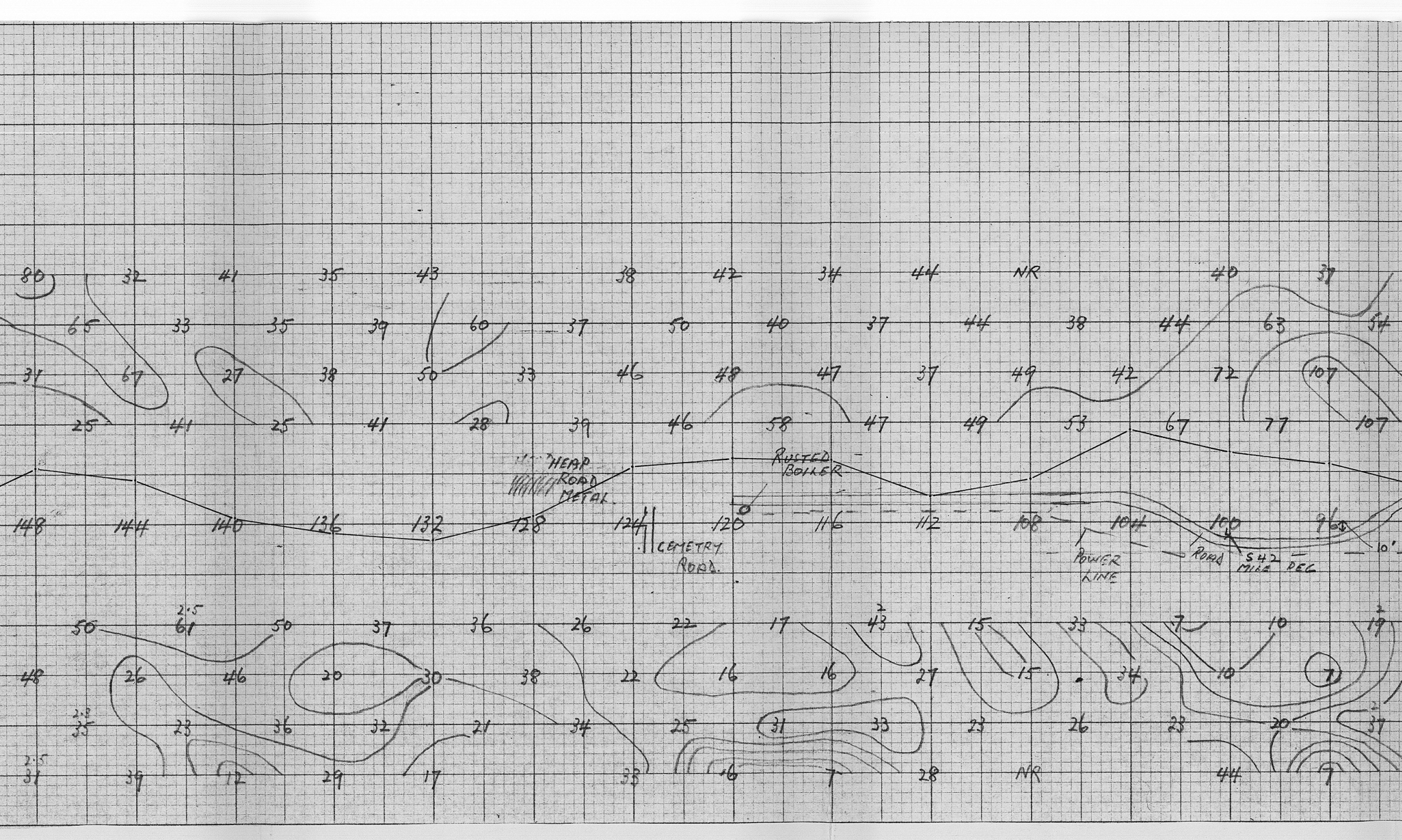
5 cm

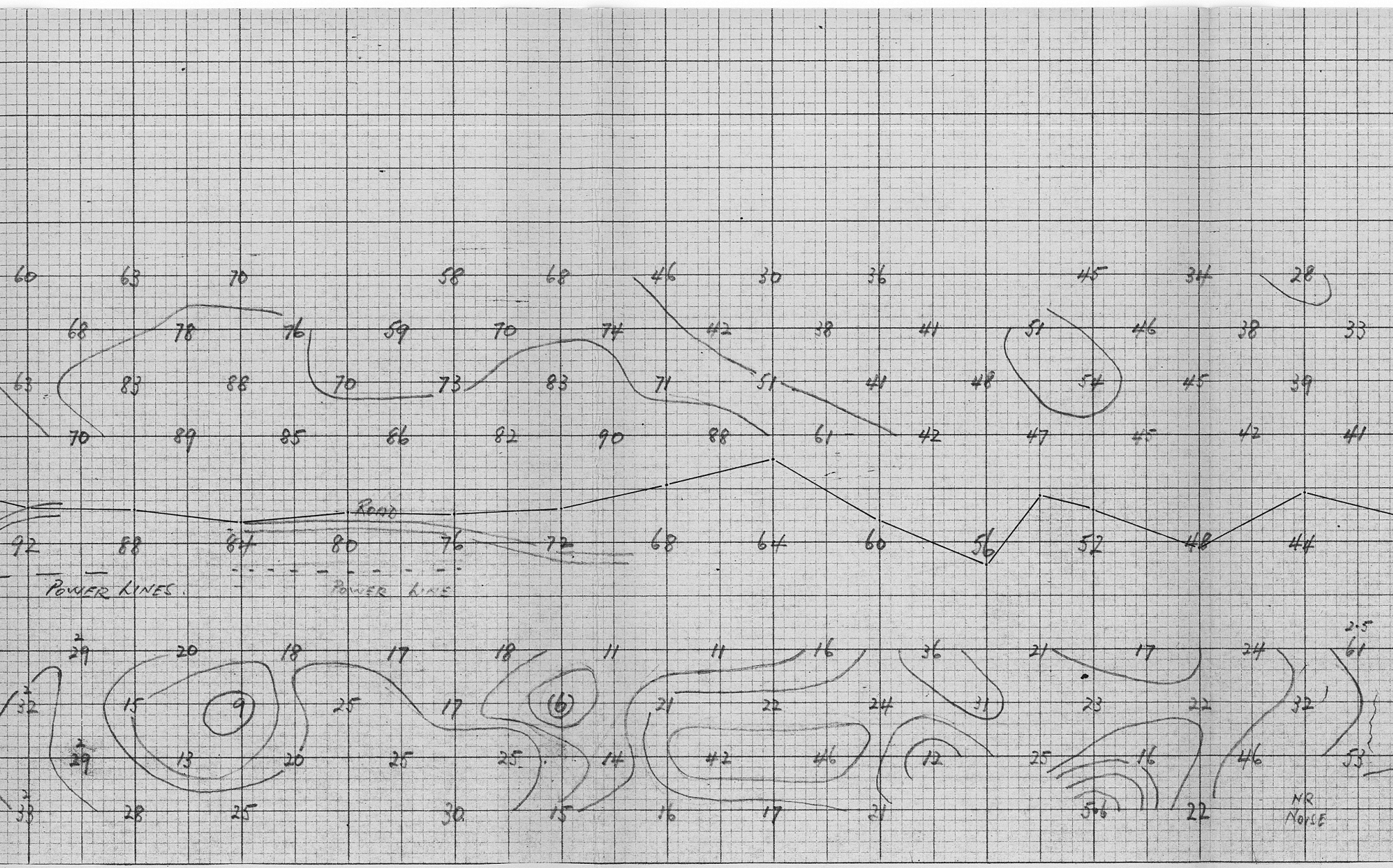


NOTE

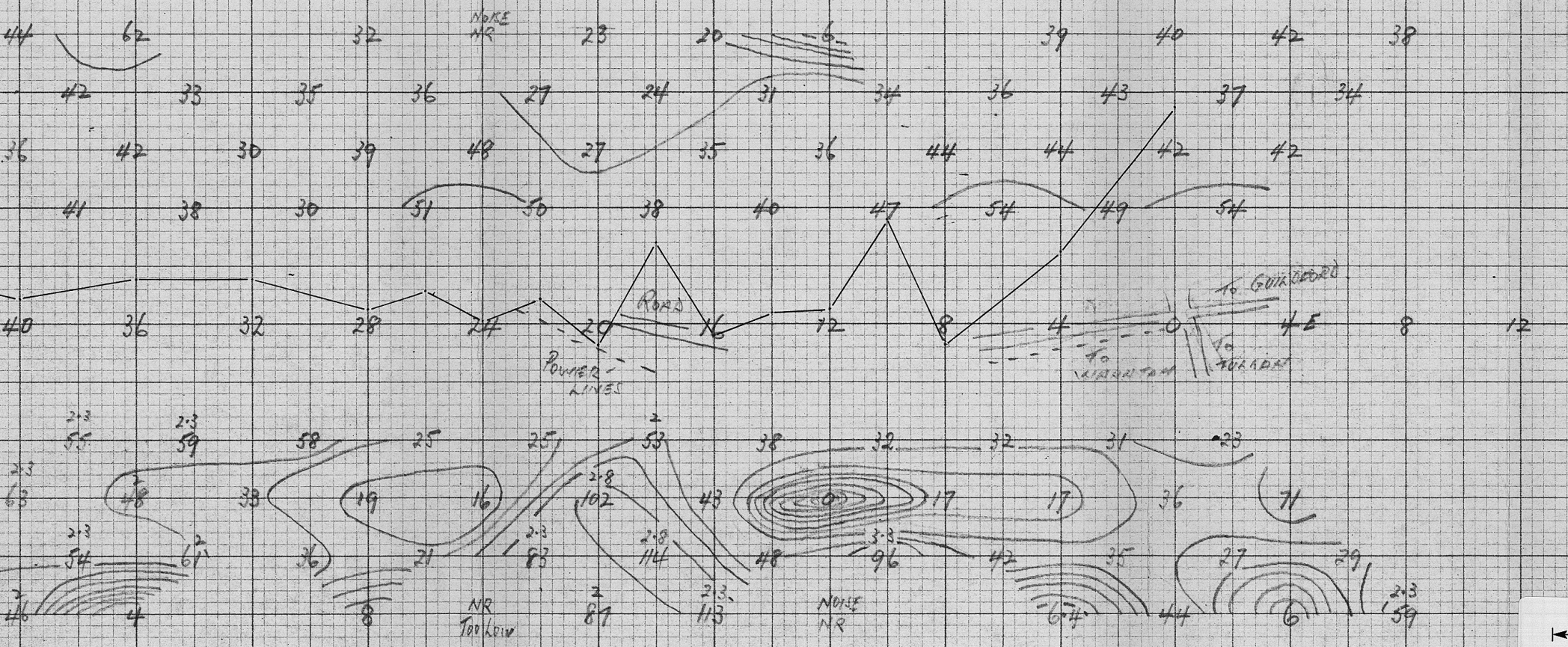
Old iron water pipe tends to follow the line underground from approx 204W to 236W. The depth of the pipe varies from approx 25' at 204W to approx 10' at 220W. From this point at 220W it appears to follow the line underground but the depth is not known.


W.P. FENCE
204
200
196
Road
192
188
184
180
176
172
168
164
160
156
152
WATER PIPE LINE
W.P. FENCE
ROAD
POWER LINE
OLD RAILWAY
S.U.
OLD LAKE BED
THICK SCRUB
ROAD TO LAKE
100'
S.U.
STEEL POSTS
TELE. LINE


80
32
41
35
43
38
42
34
44
NR
40
37
65
33
35
39
60
37
50
40
37
44
38
44
63
54
31
67
27
38
50
33
46
48
47
37
49
42
72
107
25
41
25
41
28
39
46
58
47
49
53
67
77
107
HEAP ROAD METAL
RUSTED BOILER
148
144
140
136
132
128
124
120
116
112
108
104
100
96
10'
CEMETRY ROAD.
POWER LINE
ROAD
542 MILE PEG
50
2.5
61
50
37
36
26
22
17
2
43
15
33
7
10
2
19
48
26
46
20
30
38
22
16
16
27
15
34
10
7
2.8
35
23
36
32
21
34
25
31
33
23
26
23
20
2
37
2.5
31
39
12
29
17
33
6
7
28
NR
44
7


60 63 70 58 68 46 30 36 45 34 28
68 78 76 59 70 74 42 38 41 51 46 38 33
63 83 88 70 73 83 71 51 41 48 54 45 39
70 89 85 86 82 90 88 61 42 47 45 42 41
ROAD
92 88 84 80 76 72 68 64 60 56 52 48 44
POWER LINES.
POWER LINES
2
29 20 18 17 18 11 11 16 36 21 17 24
2.5
61
2
32 15 9 25 17 (6) 21 22 24 31 23 22 32
2
29 13 20 25 25 14 42 46 12 25 16 46 53
2
33 28 25 30 15 16 17 21 56 22
NR
NOISE

227040



M. E. P. L.

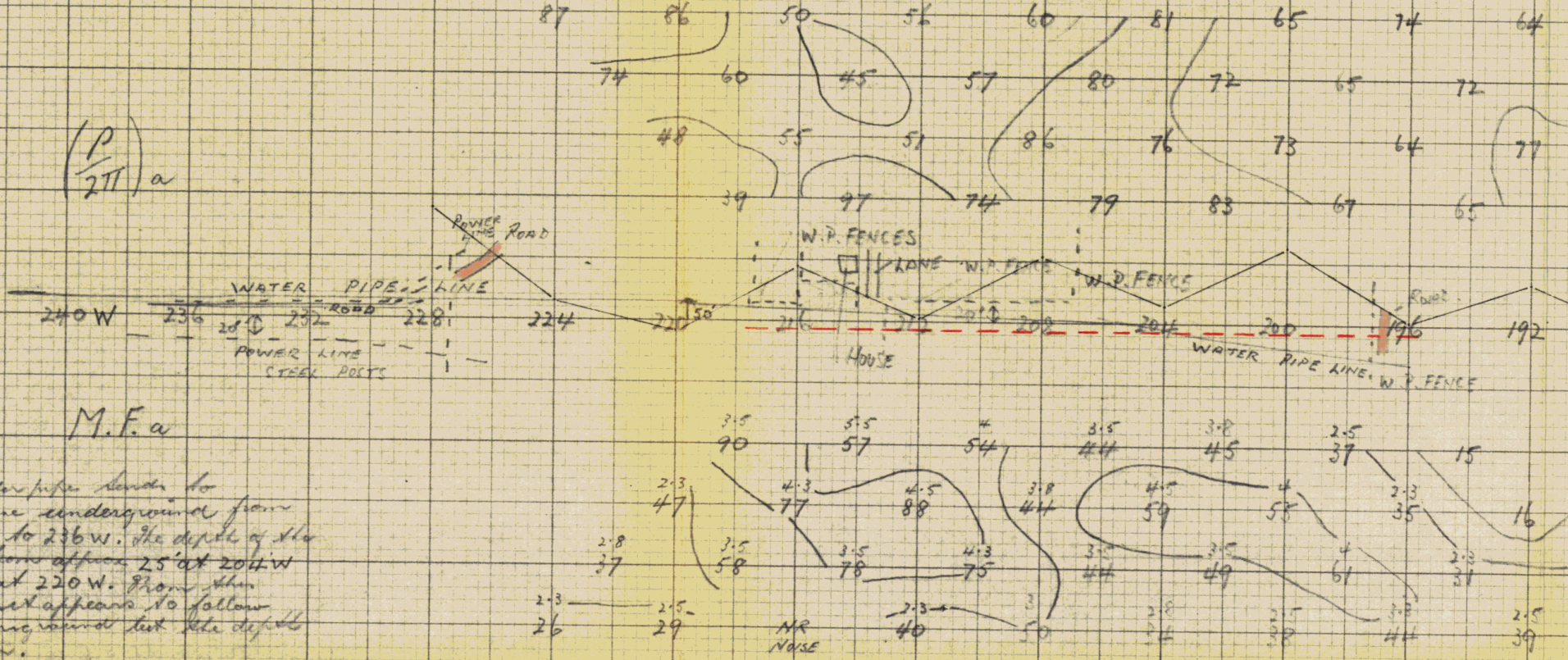
WARATAH SWG

SPREAD: 400′ FREQ: 1/4 & 2.5CPS

29 . 1 . 65

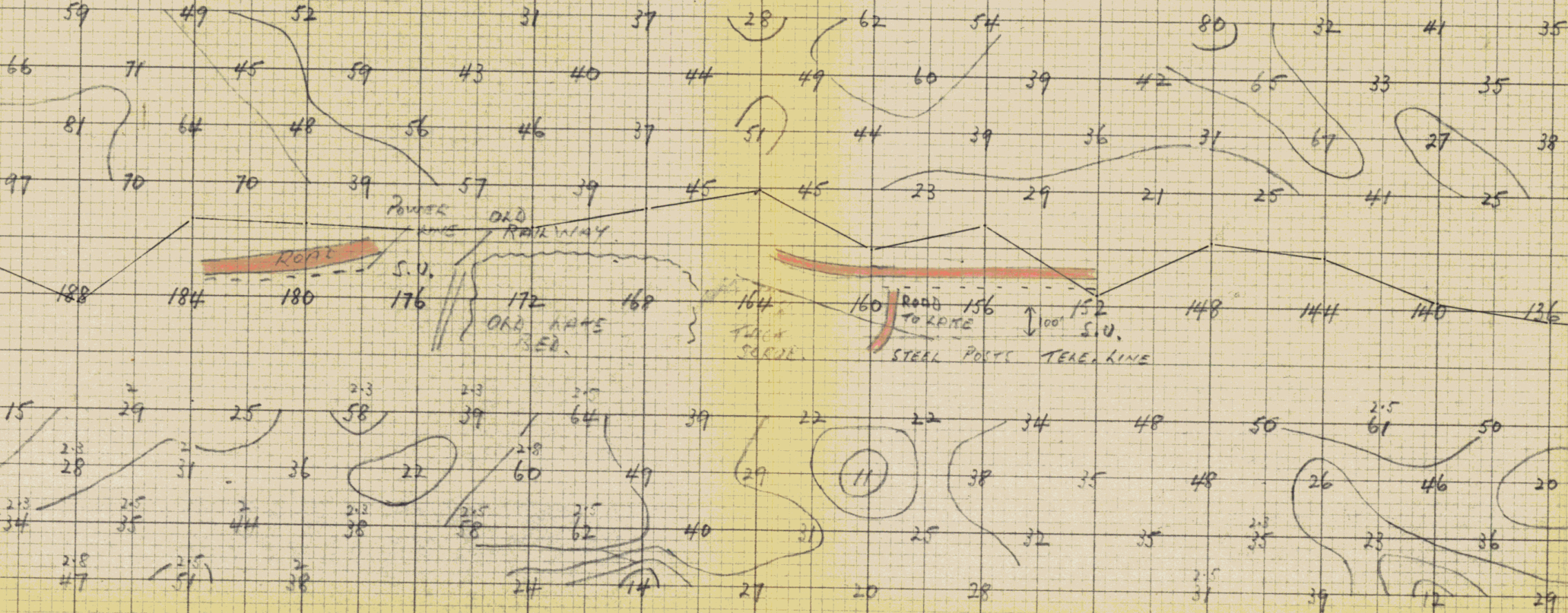
GROUND MAGNETIC
PROFILE -

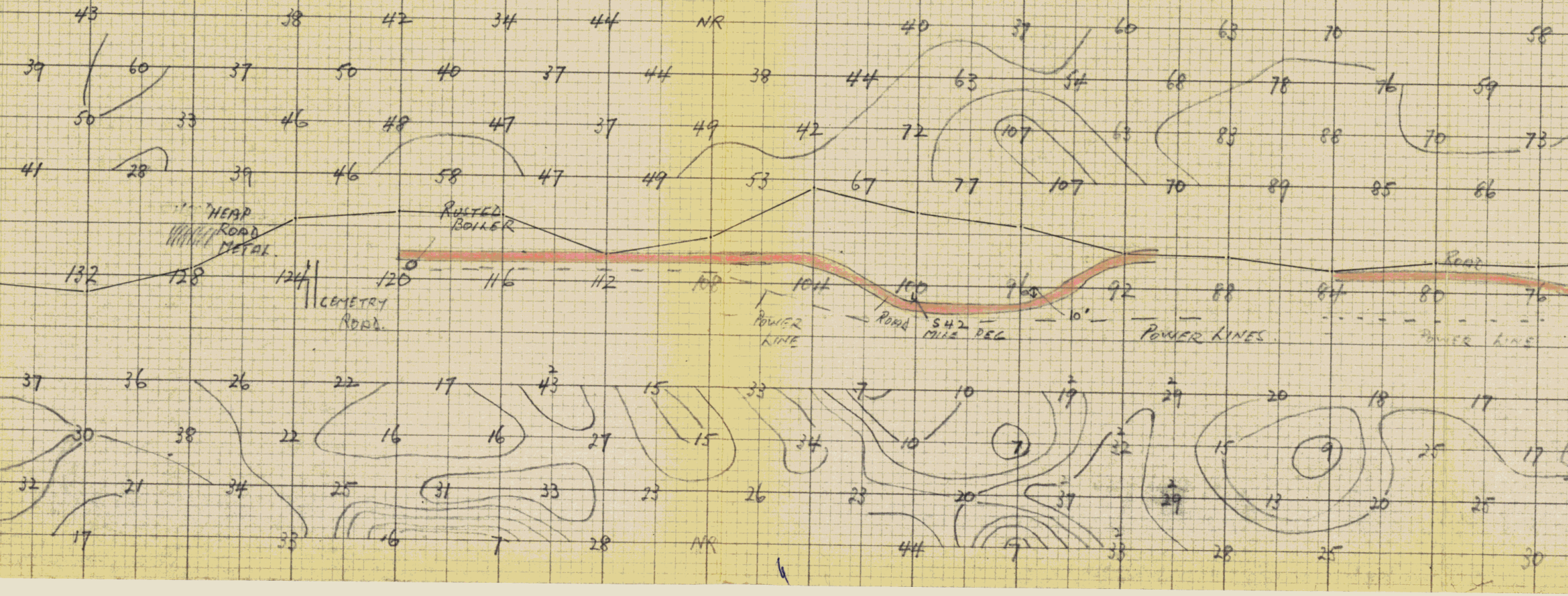
SCALE 1" = 1000 γ

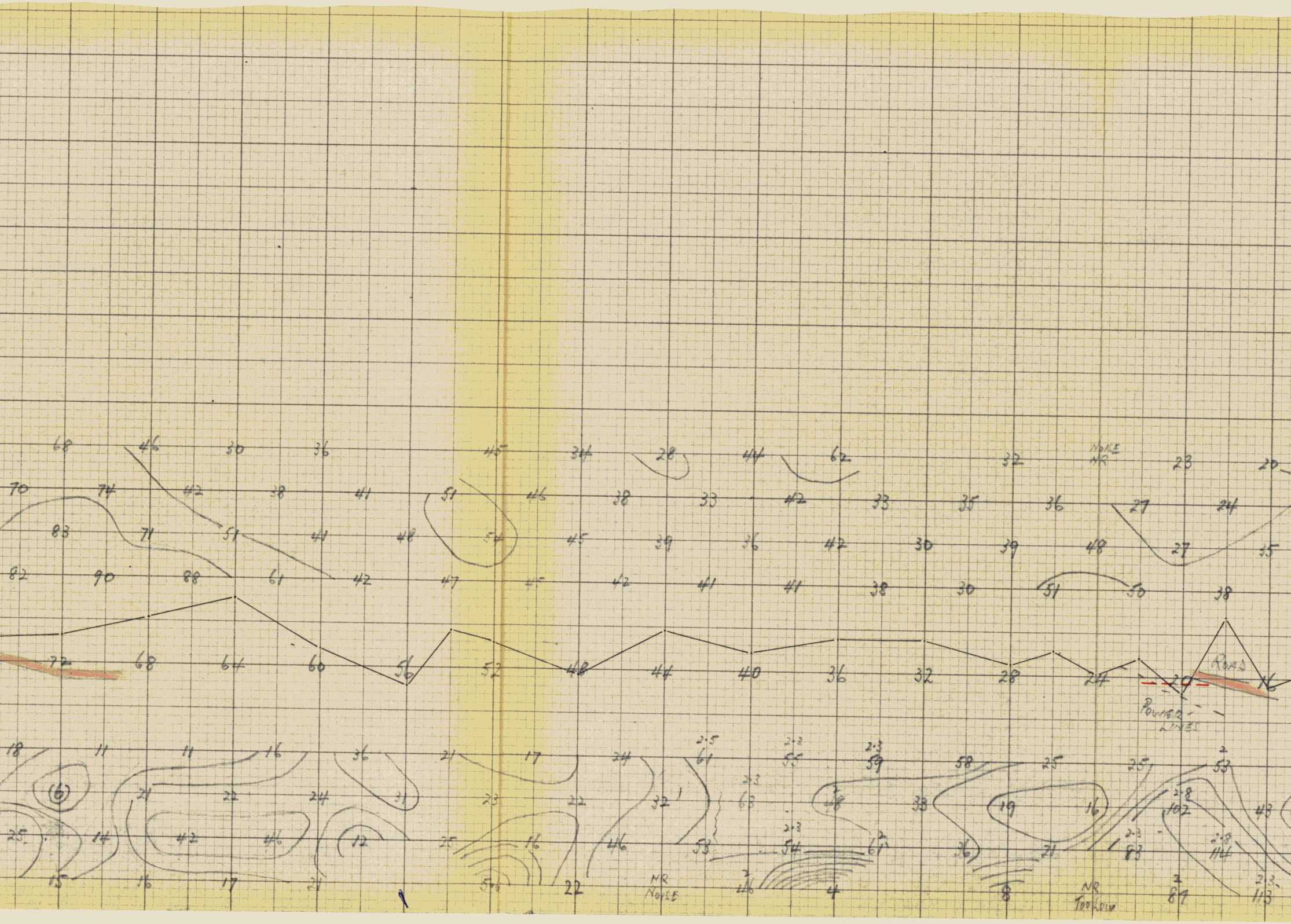

87
86
50
56
60
81
65
74
64
74
60
45
57
80
72
65
72
48
55
51
86
76
73
64
77
39
97
74
79
83
67
65
$\left(\frac{P}{2\pi}\right)a$
POWER LINE
ROAD
WATER PIPE LINE
ROAD
240W
236
232
228
224
220
216
212
208
204
200
196
192
28'
50'
20'
POWER LINE
STEEL POSTS
W.P. FENCES
LANE
W.P. FENCE
W.P. FENCE
HOUSE
ROAD
WATER PIPE LINE
W.P. FENCE
M.F. a
3·5
90
5·5
57
4
54
3·5
44
3·8
45
2·5
37
15
2·3
47
4·3
77
4·5
88
3·8
44
4·5
59
4
58
2·3
35
16
2·8
37
3·5
58
3·5
78
4·3
75
3·5
44
3·5
49
4
61
2·3
31
2·3
26
2·5
29
NR
NOISE
2·3
40
3
50
2·8
2·5
38
3·8
44
2·5
39

NOTE

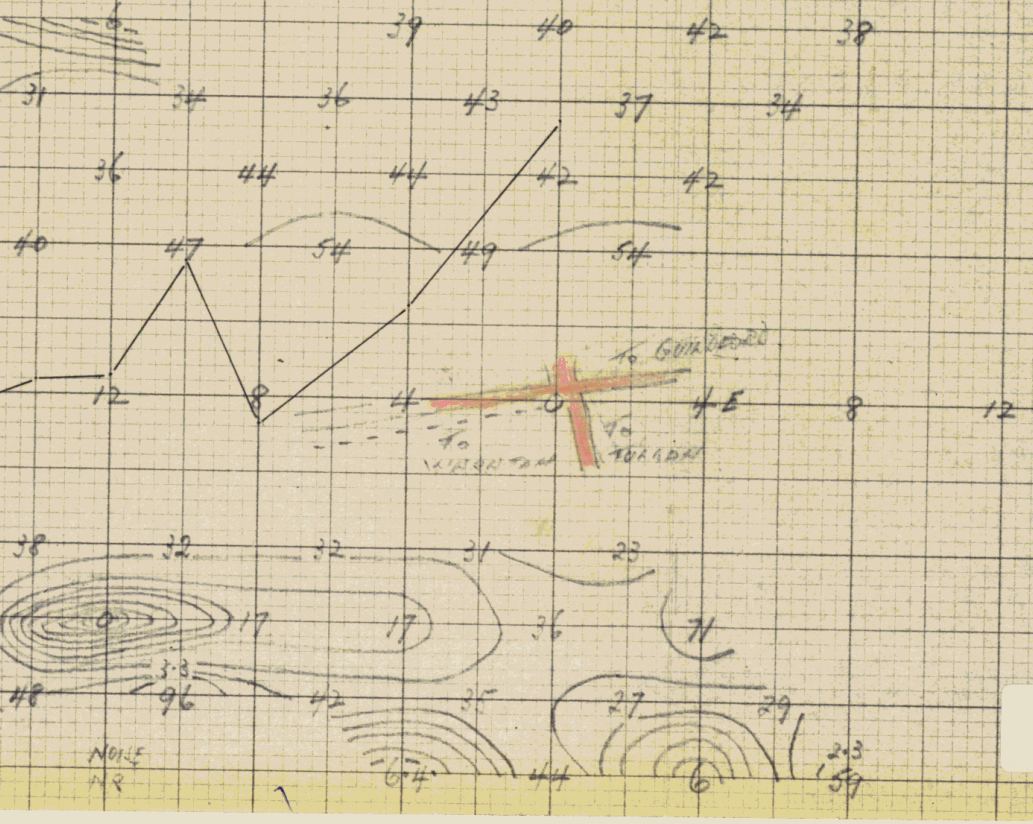
Old iron water pipe tends to follow the line underground from approx 204W to 236W. The depth of the pipe varies from approx 25' at 204W to approx 10' at 220W. From this point at 220W it appears to follow the line winding round but the depth is not known.


POWER LINE
OLD RAILWAY
ROAD
S.U.
OLD LAKE BED.
TEA TREE SCRUB.
ROAD TO LAKE
100'
S.U.
STEEL POSTS TELE. LINE
188
184
180
176
172
168
164
160
156
152
148
144
140
136


HEAP ROAD METAL
RUSTED BOILER
CEMETRY ROAD.
POWER LINE
ROAD
542 MILE PEG
10'
POWER LINES.
ROAD
POWER LINE
NR
NR
132
128
124
120
116
112
108
104
100
96
92
88
84
80
76


NONE NR
ROAD
POWER LINES
NR NOISE
NR TOO LOW

227041



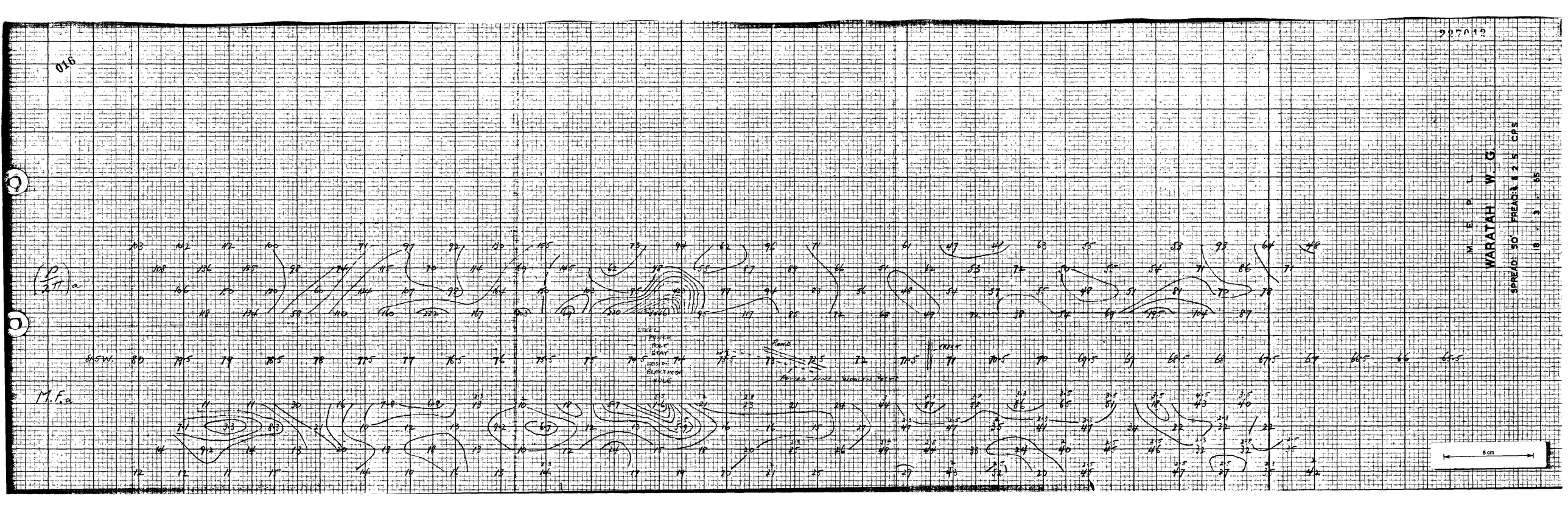
M. E. P. L.

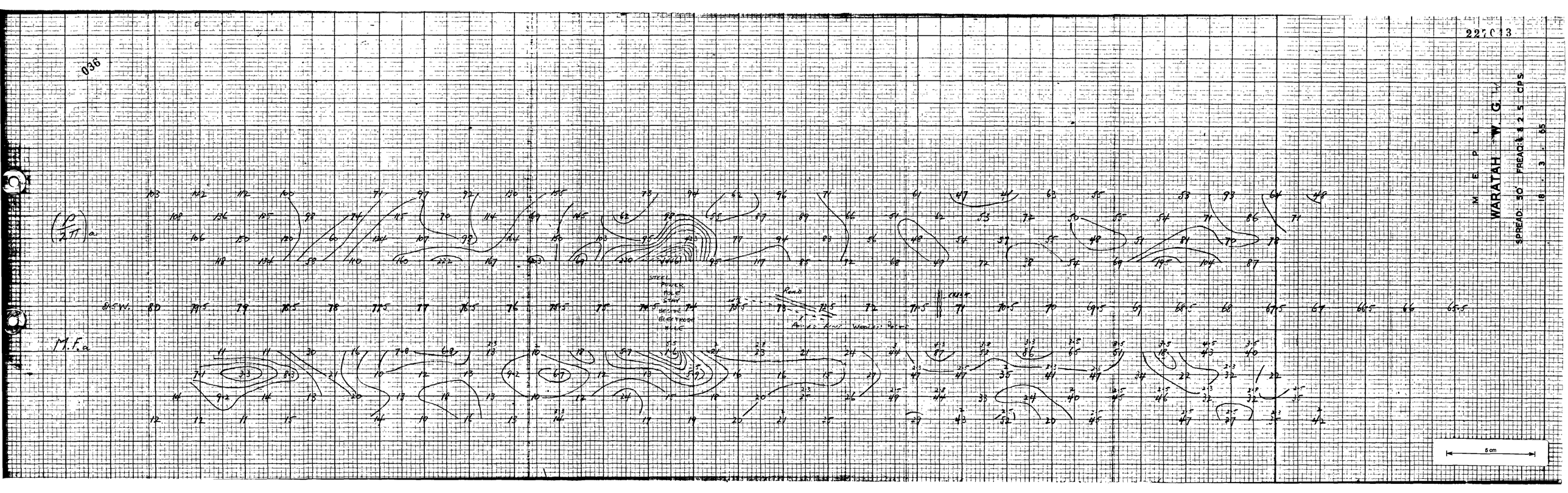
WARATAH GW

SPREAD: 400' FREQ: 1/4 & 2·5CPS

29 · 1 · 65

5 cm


016
227012
M E P L
WARATAH W. G.
SPREAD: 50' FREAD: 8 2.5 CPS
18 . 3 . 65
$\left(\frac{\rho}{2\pi}\right)_a$
M.F.a
81.5 W.
STEEL POWER POLE STAY BESIDE ELECTRODE HOLE
ROAD
CREEK
5 cm



036
227013
M E P L
WARATAH W. G.
SPREAD: 50' FREAD: 8 2 5 CPS
18 . 3 . 65
(ρ/2π)a
M.F.a
81.5 W.
STEEL POWER POLE STAY
BESIDE ELECTRODE HOLE
ROAD
CREEK
5 cm

227014

WARATAH W.G.

M E P

SPREAD: 400' FREQ: ¼ & 2.5 CPS

19 . 3 . 65

$\left(\frac{\rho}{2\pi}\right)a$

M.F.a

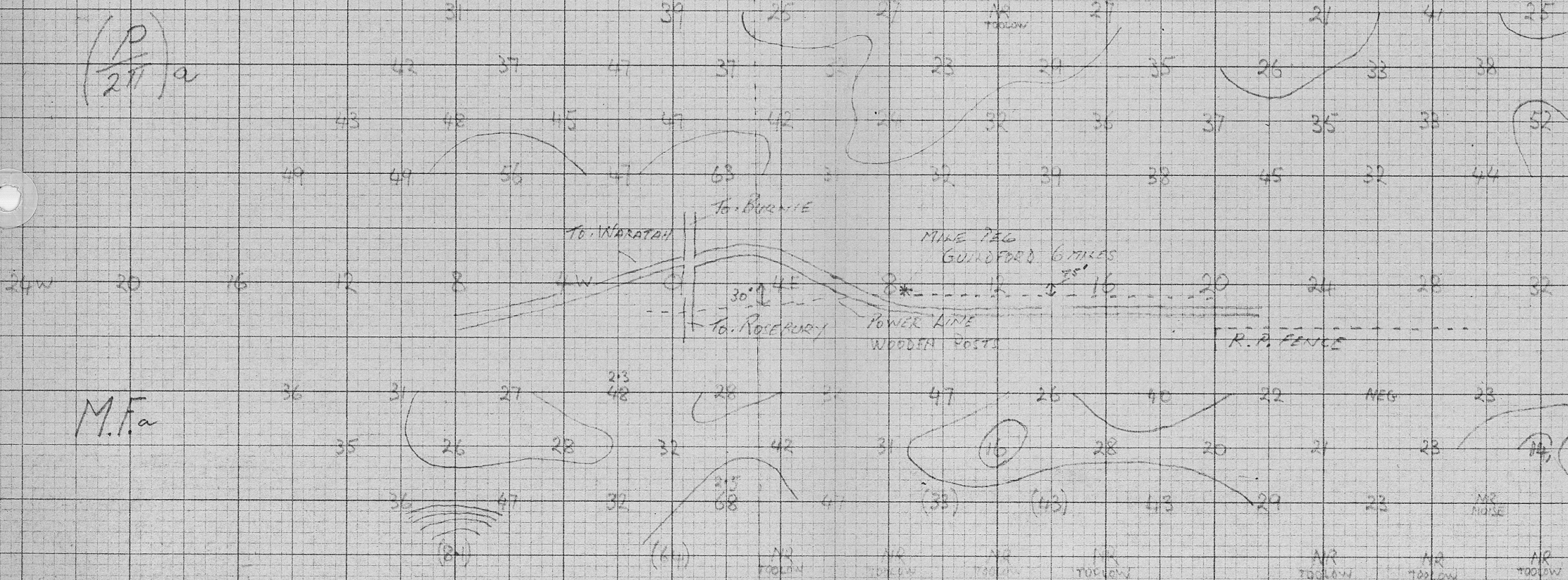
Road

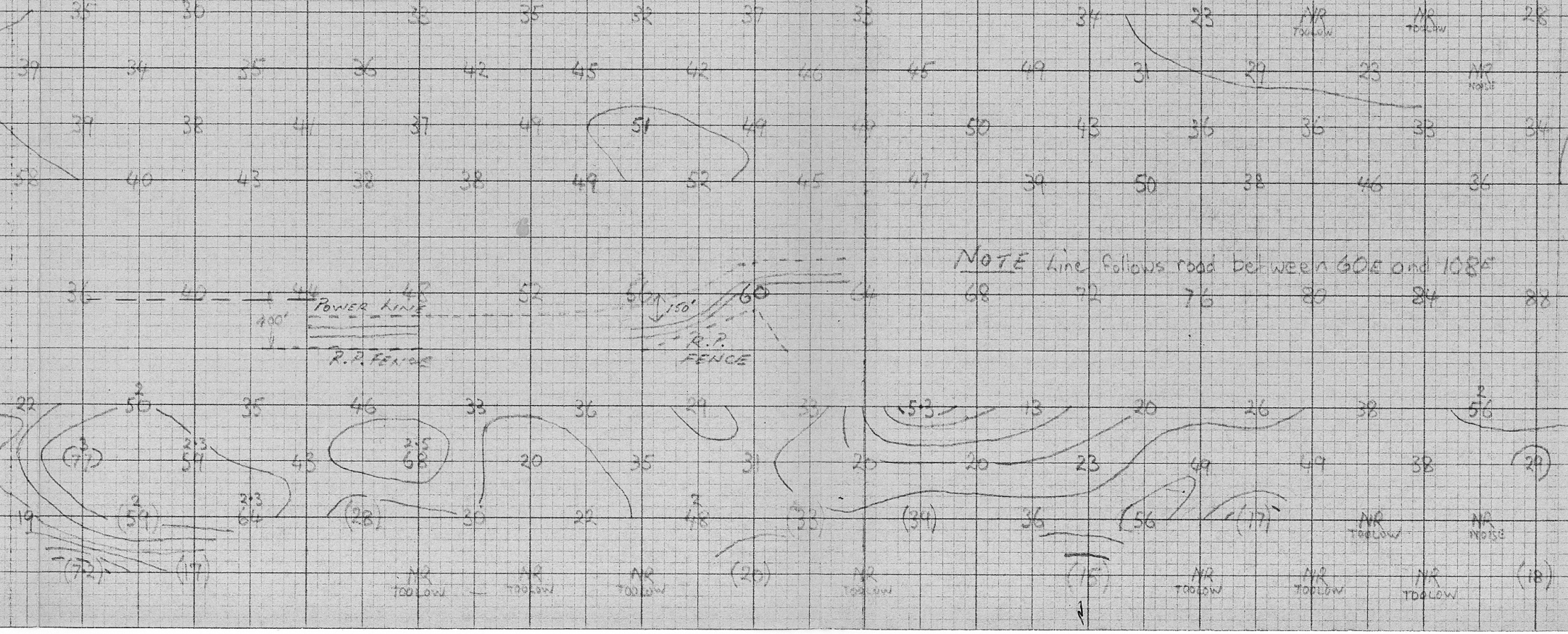
Power Line

Wooden Poles

5 cm

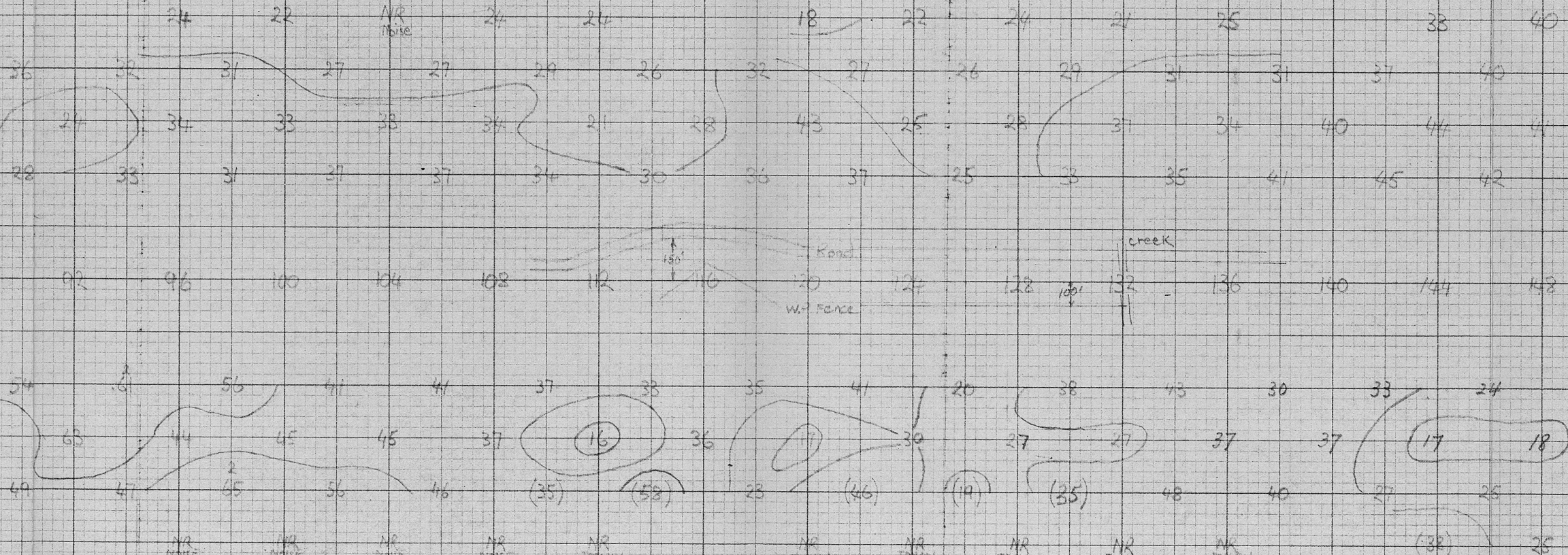
019


$\left(\frac{P}{2\pi}\right)a$
M.F.a
24W
20
16
12
8
4W
0
4E
8
12
16
20
24
28
32
TO. WARATAH
TO. BURNIE
TO. ROSEBURY
30°
MILE PEG
GUILDFORD 6 MILES
75'
POWER LINE
WOODEN POSTS
R. P. FENCE
NR TOO LOW
NEG
NR NOISE



35
30
33
35
32
37
32
34
23
NR TOO LOW
NR TOO LOW
28
39
34
35
36
42
45
42
46
45
49
31
29
23
NR NOISE
39
38
41
37
49
51
49
48
50
43
36
36
33
34
58
40
43
38
38
49
52
45
47
39
50
38
46
36
36
40
44
48
52
56
60
64
68
72
76
80
84
88
POWER LINE
400'
R.P. FENCE
150'
R.P. FENCE
22
50
35
46
33
36
29
33
53
13
20
26
38
56
(77)
54
43
68
20
35
31
20
20
23
49
49
38
(29)
19
(59)
64
(28)
30
22
48
(33)
(34)
36
(56)
(17)
NR TOO LOW
NR NOISE
(72)
(17)
NR TOO LOW
NR TOO LOW
NR TOO LOW
(20)
NR TOO LOW
(15)
NR TOO LOW
NR TOO LOW
NR TOO LOW
(18)

NOTE Line follows road between 60E and 108E


24 22 NR Noise 24 24 18 22 24 21 25 38 40
36 32 31 27 27 29 26 32 27 26 29 31 31 37 40
24 34 33 38 34 21 28 43 25 28 31 34 40 44 41
28 33 31 37 37 34 30 36 37 25 33 35 41 45 42
Road
150'
creek
92 96 100 104 108 112 116 120 124 128 100' 132 136 140 144 148
W.F. Fence
54 61 56 41 41 37 38 35 41 20 38 43 30 33 24
63 44 45 45 37 16 36 11 30 27 27 37 37 17 18
49 47 45 56 46 (35) (58) 23 (46) (19) (35) 48 40 27 26
NR Noise
NR Noise
NR Noise
NR Noise
NR Too low
NR Too low
NR Too low
NR Too low
NR Too low
NR Too low
(38) 25

227045

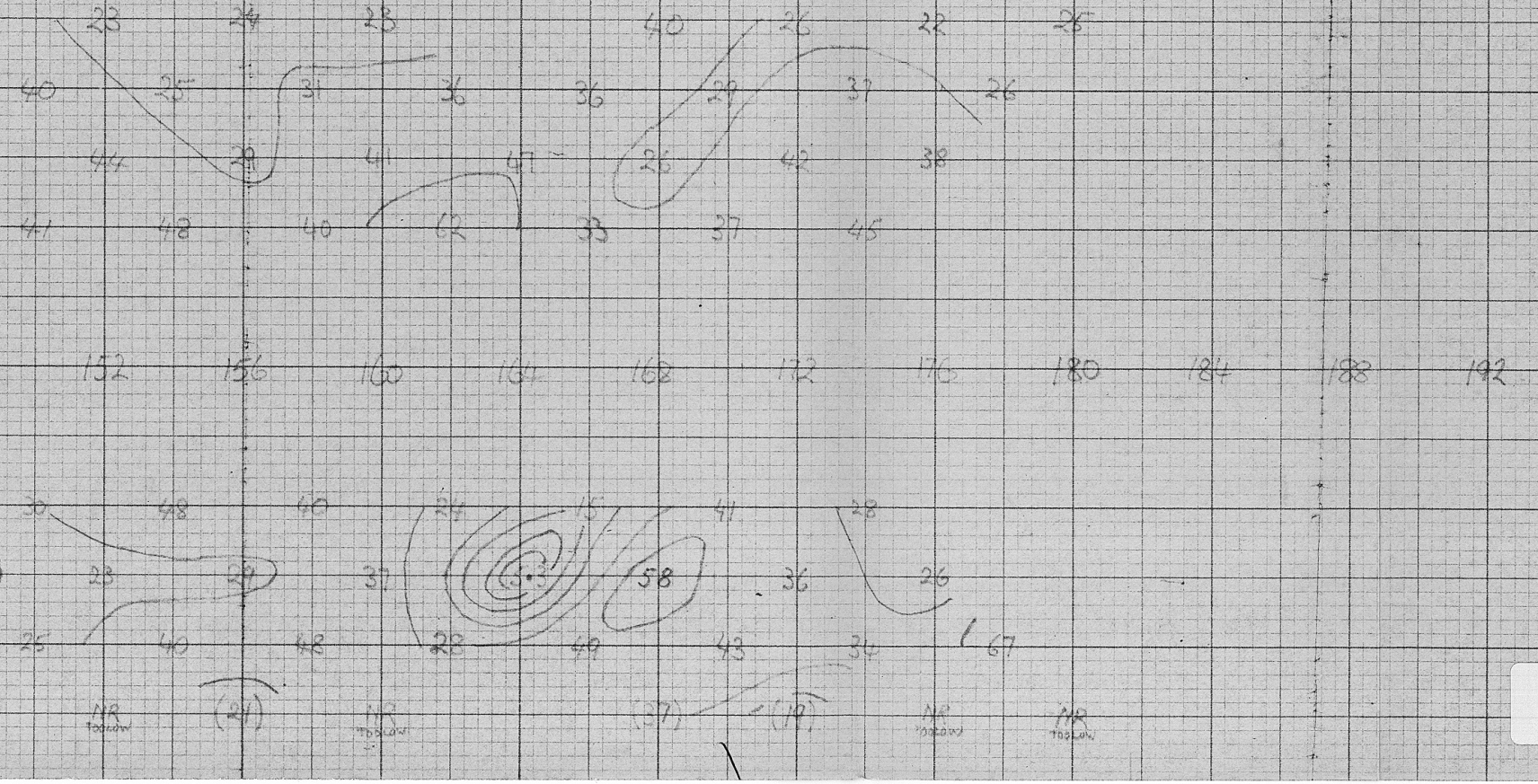
M. E. P. L.

WARATAH W. G.

GUILDFORD ROAD

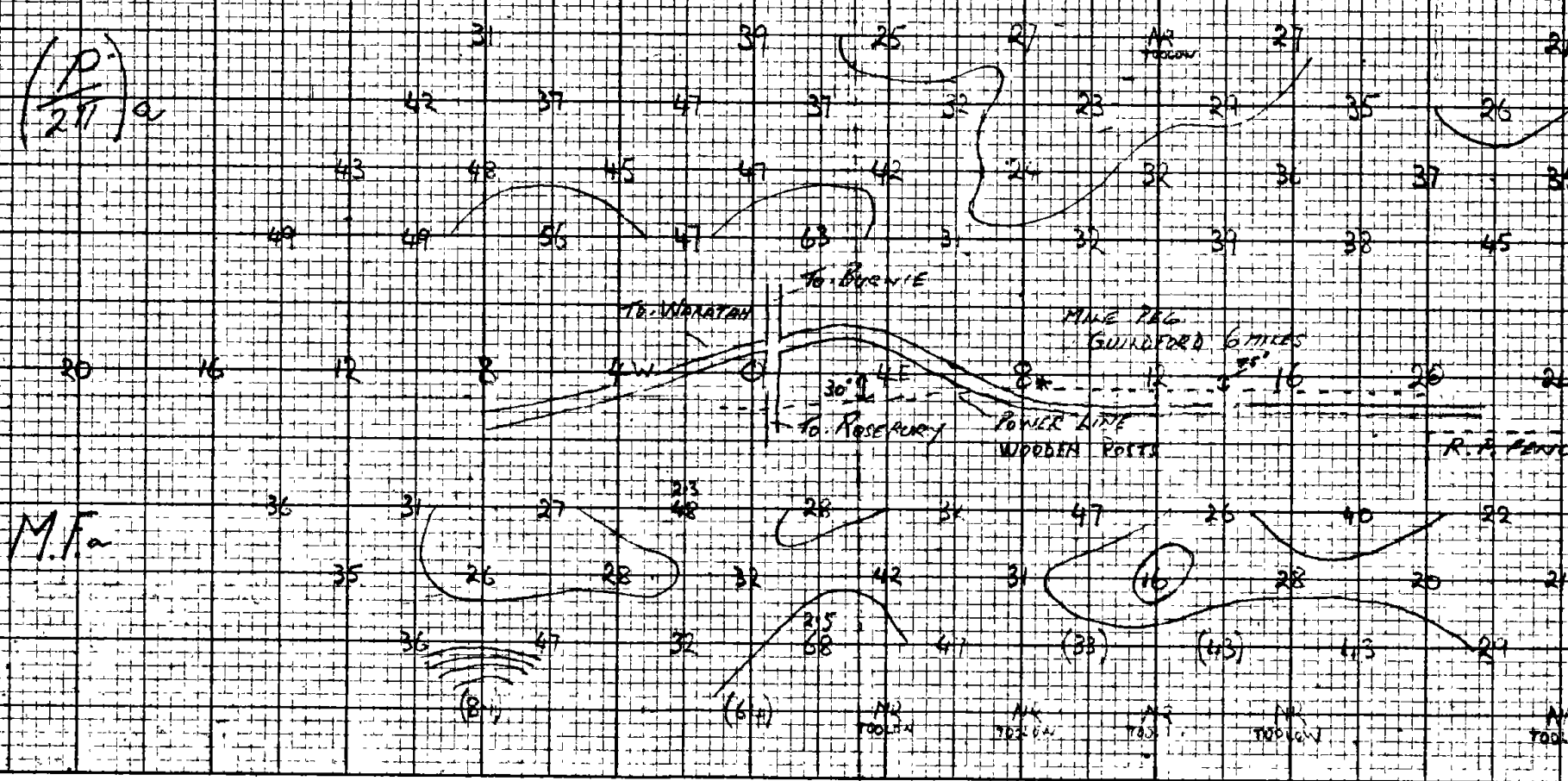
SPREAD: 400′ FREQ: ¼ & 2.5 CPS

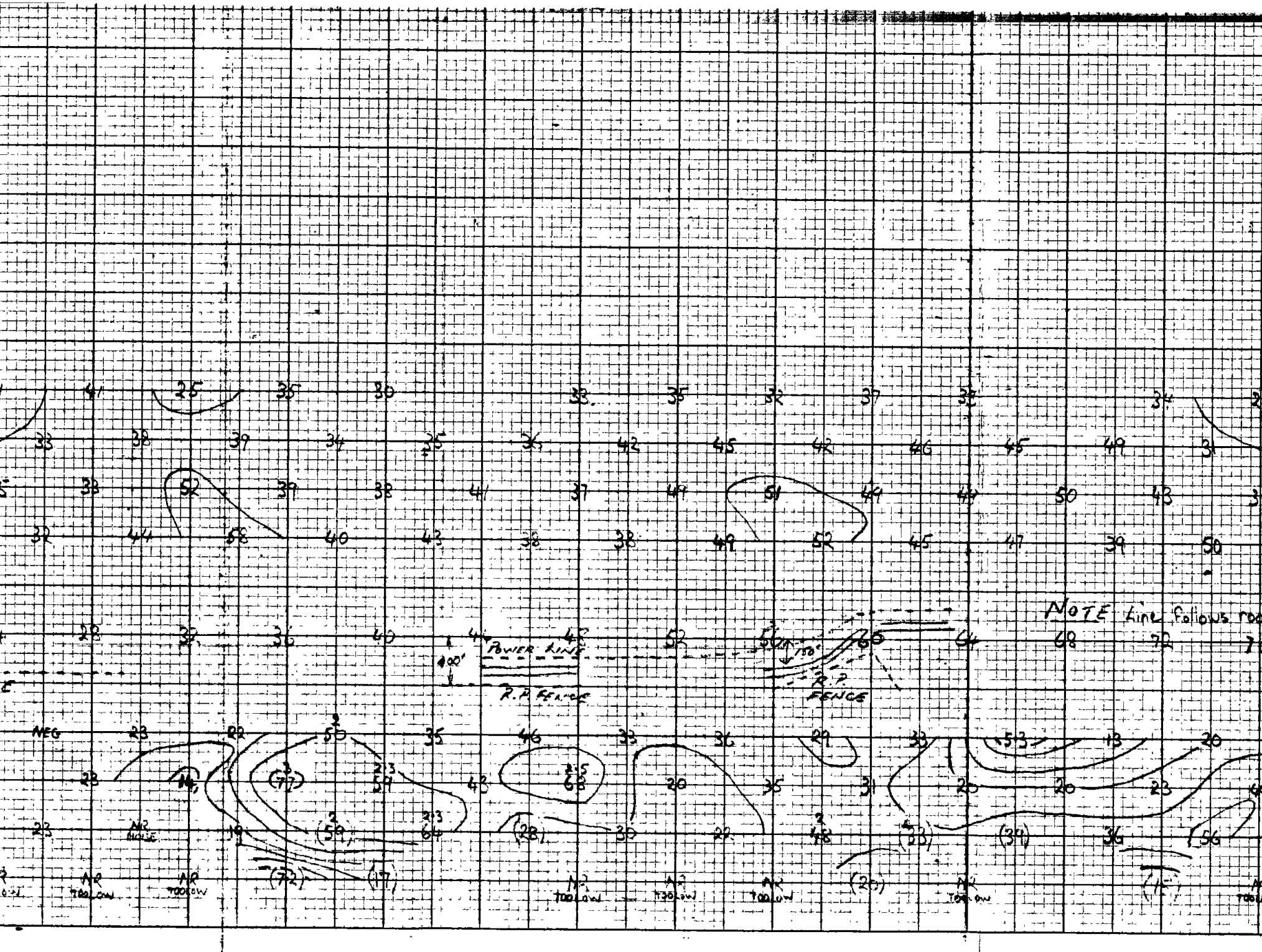
19 . 3 . 65

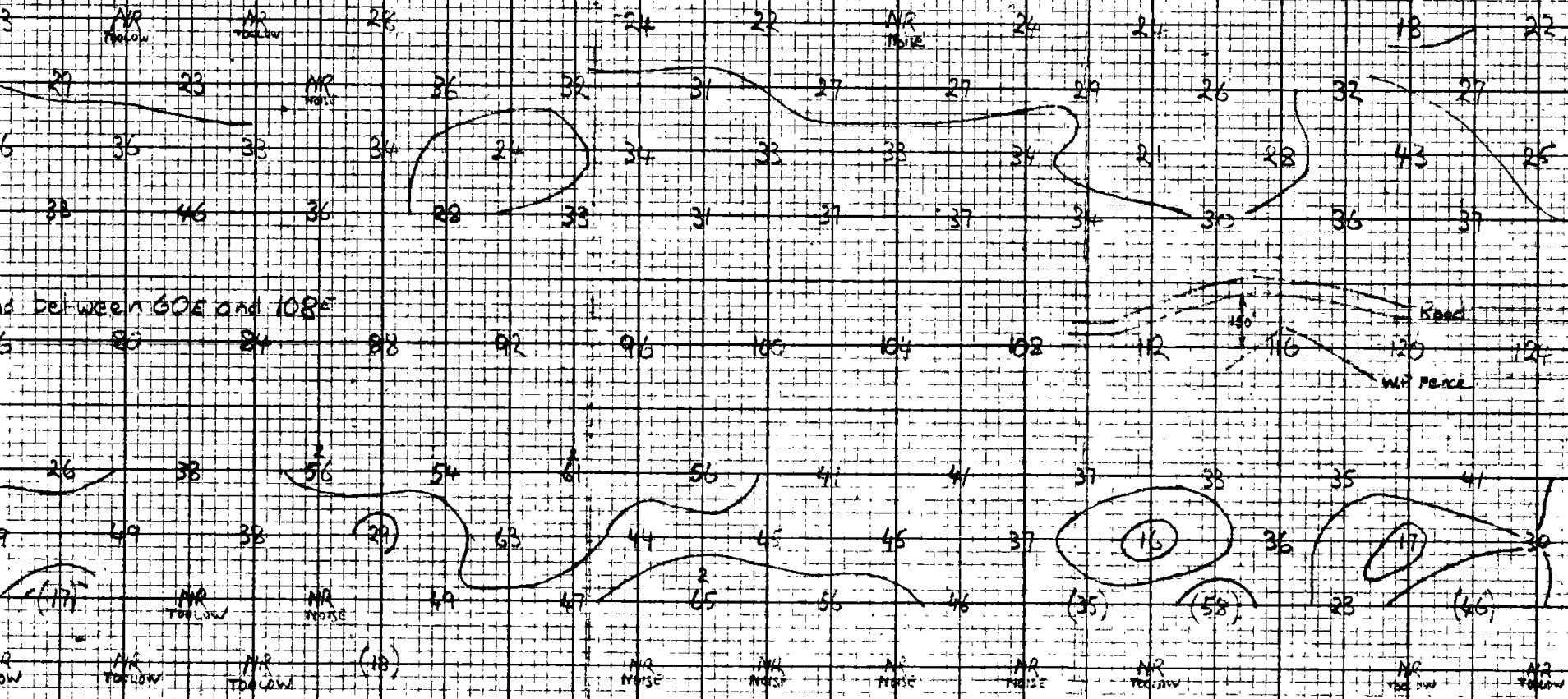


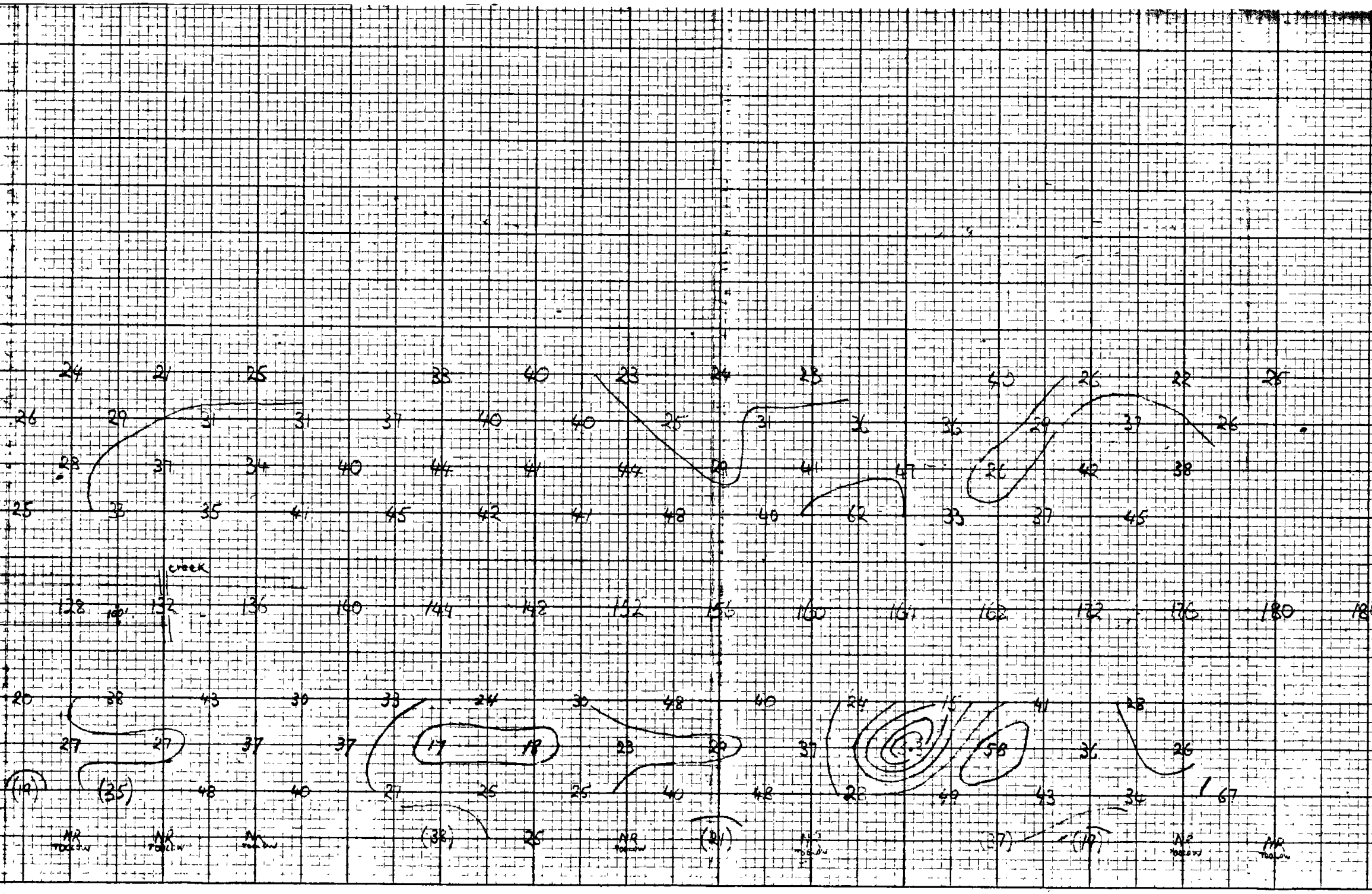
5 cm

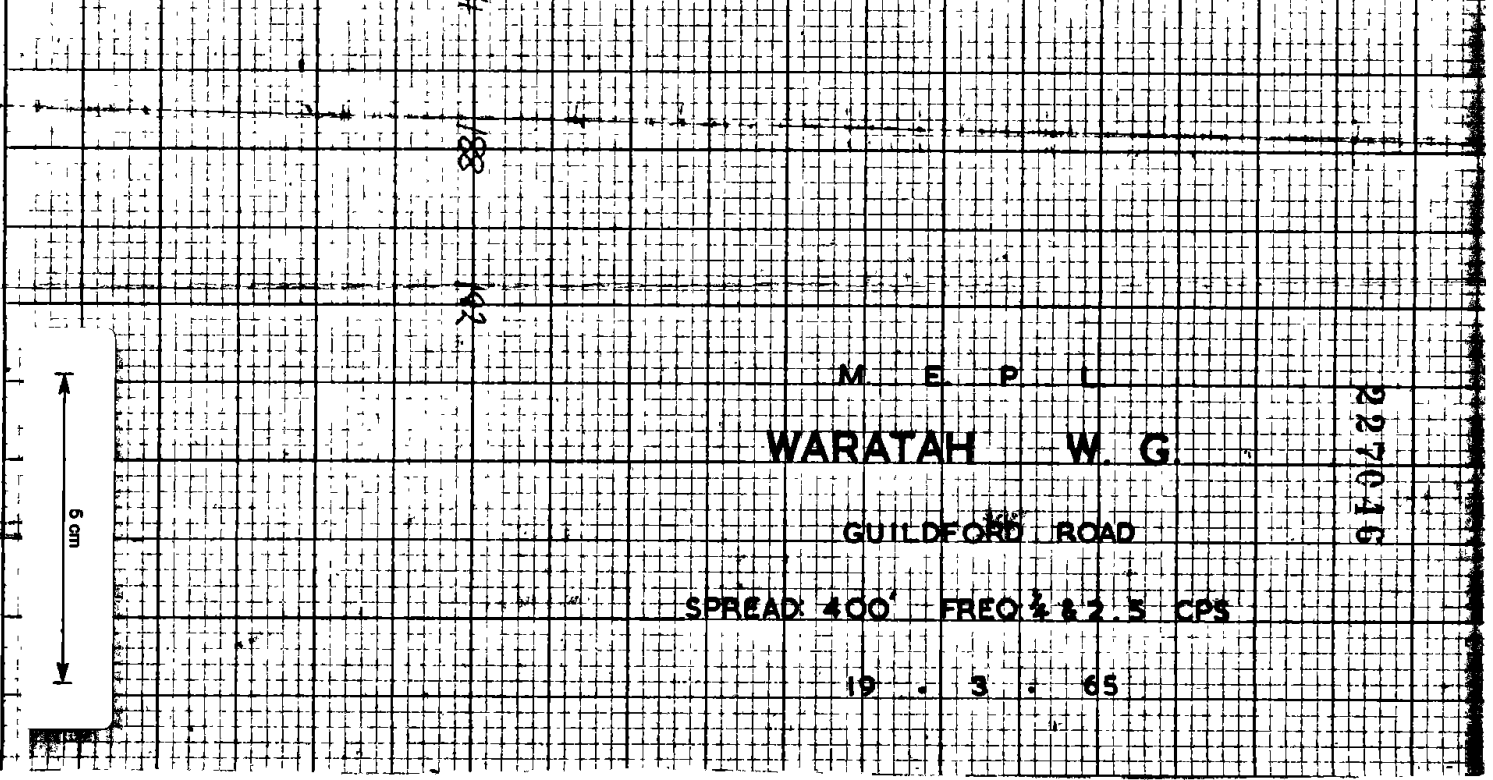
034


P/271 a
31 39 25 27 NR TOO LOW 27
42 37 47 37 32 23 24 35 26
43 48 45 47 42 24 32 36 37
49 49 56 47 63 31 32 39 38 45
TO. BURNIE
TO. WARATAH
MILE PEG
GUILDFORD 6 MILES
24W 20 16 12 8 4W 0 4E 8 12 16 20
30°
75°
TO. ROSEBERY
POWER LINE
WOODEN POSTS
R. R. FENC
M.F.a
36 31 27 23 48 28 34 47 26 40 22
35 26 28 32 42 31 16 28 20
36 47 32 215 68 41 (33) (43) 43 29
(8") (6")
NR TOO LOW
NR TOO LOW
NR TOO LOW
NR TOO LOW
NR TOO LOW


41 25 35 30 33 35 32 37 38 34
33 38 39 34 35 36 42 45 42 46 45 49 31
38 52 39 38 41 37 44 51 44 44 50 43
32 44 68 40 43 38 38 49 52 45 47 39 50
NOTE Line follows roa
28 32 36 40 44 48 52 56 60 64 68 72
POWER LINE
400'
150'
R.R. FENCE
R.R. FENCE
NEG 23 22 50 35 46 33 36 29 33 53 13 20
23 14 (77) 59 43 68 20 36 31 25 20 23
23 NR NOISE 19 (59) 64 (28) 30 22 48 (33) (39) 36 56
NR TOO LOW
(72) (17) (25) (15)


3
NR TOO LOW
NR TOO LOW
26
24
22
NR NOISE
24
21
18
22
29
23
NR NOISE
36
32
31
27
27
29
26
32
27
6
36
33
34
24
34
33
33
34
21
28
43
25
38
46
36
28
33
31
37
37
34
30
36
37
d between 60E and 108E
6
80
84
88
92
96
100
104
108
112
116
120
124
Road
150'
W.P. Fence
26
38
2
56
54
61
56
41
41
37
38
35
41
9
49
38
(29)
63
44
45
46
37
(16)
36
(17)
30
(17)
NR TOO LOW
NR NOISE
49
47
2
65
56
46
(35)
(58)
23
(46)
R
OW
NR TOO LOW
NR TOO LOW
(18)
NR NOISE
NR NOISE
NR NOISE
NR NOISE
NR TOO LOW
NR TOO LOW
NR TOO LOW


24 21 25 38 40 23 24 23 40 26 22 25
26 29 31 31 37 40 40 25 31 36 36 29 37 26
28 37 34 40 44 41 44 29 41 47 26 42 38
25 33 35 41 45 42 41 48 40 62 33 37 45
creek
128 130' 132 136 140 144 148 152 156 160 164 168 172 176 180 18
20 38 43 30 33 24 30 48 40 24 15 41 28
27 27 37 37 17 18 23 29 37 13 58 36 26
(10) (35) 48 40 27 25 25 40 48 22 49 43 34 67
NR TOO LOW
NR TOO LOW
NR TOO LOW
(38)
26
NR TOO LOW
(21)
NR TOO LOW
(37)
(10)
NR TOO LOW
NR TOO LOW



M E P L

WARATAH W. G.

GUILDFORD ROAD

SPREAD 400' FREQ ¼ & 2.5 CPS

19 . 3 . 65

227046

227047

M. E. P. L.

WARATAH W.G.

SPREAD: 400' FREQ: ¼ & 2.5 CPS

19 . 3 . 65

$\left(\frac{\rho}{2\pi}\right)a$

M.F.a

033

36 39 38 34 30 39 36 40

34 41 37 42 34 36 42 40

53 42 49 36 41 41 46

30 57 38 43 47 46

47W 43 39 35 31 27 23 19 15 11 7 3W 1E 5 9

ROAD

BUSH LINE
WOODEN POSTS

To WARATAH

58 26 46 46 2·3 48 38

53 42 31 42 30 30 33

2 59 2 49 2·5 61 42 2·3 66 49 36 2·5 63

2·3 63 45 46 44 50 38 2 56 2 50

5 cm

6432

QUATERNARY
TRIASSIC
PERMIAN
DEVONIAN
SILURIAN
ORDOVICIAN
CAMBRIAN
PRECAMBRIAN
PRECAMBRIAN (Metamorphics)

INTRUSIVES

BASALT
DOLERITE
GRANITE (Devonian)
ULTRABASICS (Cambrian)
GRANITE (Cambrian)
MAJOR LODES
I.P. LINES COMPLETED

SOUTHERN OCEAN

LOCALITY PLAN



BROKEN HILL SOUTH LIMITED

GEOLOGICAL PLAN

EXPLORATION LICENCE 5/63 & ENVIRONS

N.W. TASMANIA

227618

5 cm

SCALE 1" = 2 MILES

6432

65-472 Q4418