

1040

INTER OFFICE MEMO

811408

CYPRUS EXPLORATION CORPORATION LTD.

VANCOUVER OFFICE

Date: September 30, 1970

Ref: 632 CVL

To: C.A. Mark
From: J.B.P. Sawyer
Subject: TOP COPPER GEOPHYSICS

TO	REPLY	
RETURN TO	COMMENT	
OCT 5 1970		
1	2	5
2		6
3		7
4		8

Enclosed please find a set of prints of the rough field sheets, showing the results of Peter Walcott's IP work at Top. We plan to extend coverage on some of these lines which are presently being cut.

I am also enclosing a print of the first rough field sheets which show the ground magnetometer results and a rough plot of resistivity contours. This work is not yet complete, however, these rough copies may provide some initial data on the type of patterns which we are getting on this property. We have not yet had time to correlate this data in any detail with the geological mapping. All of this will require a considerable amount of detailed study this winter.

JBPS/aw

Enc:

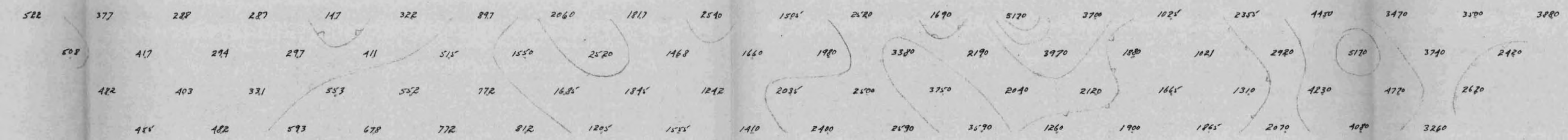




TOP COPPER
I.P. RESISTIVITY CONTOURS - *John F. H.*

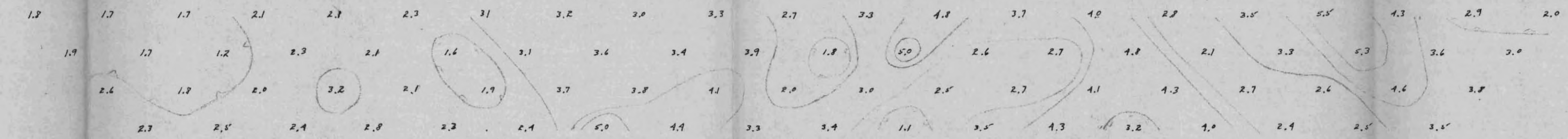
I.P. Resistivity contours
is more surface effect

Top Copper
I.P. Profiles by P. E. Walcott Aug. '70

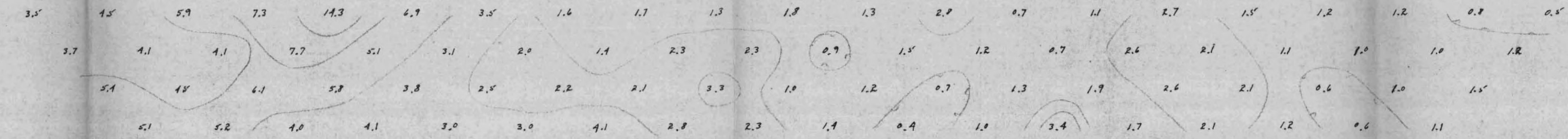


P/27

L. 160100 N
300 FT



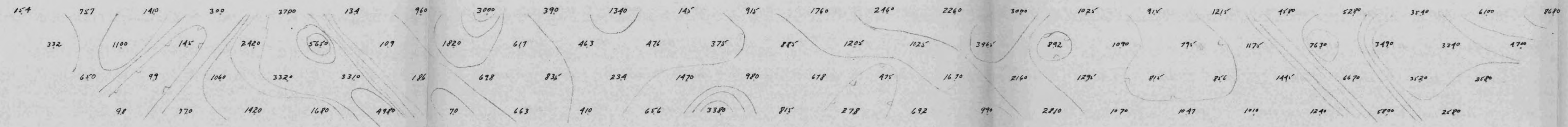
PFE



MF

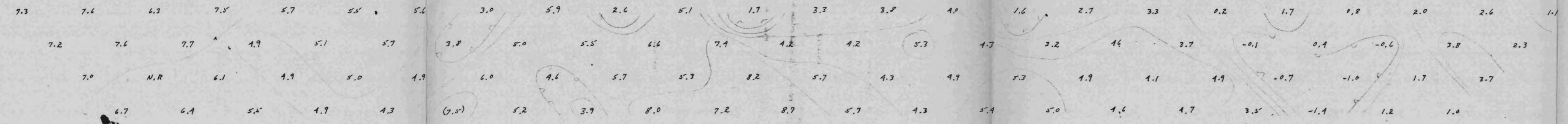
Top Copper
I.P. Profiles by P.E. Walcott Aug. '70

39 75 11 17 63 69 75 81 87 93 99 105 111 117

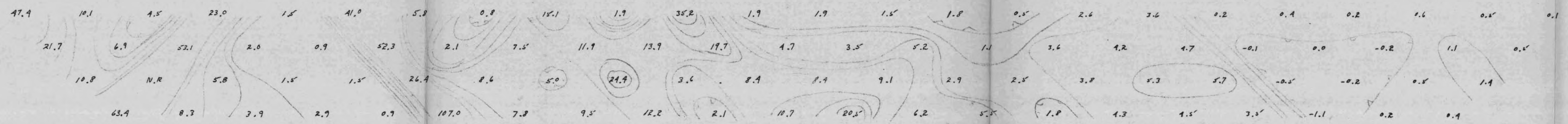


P/27

L-108 N
a = 300



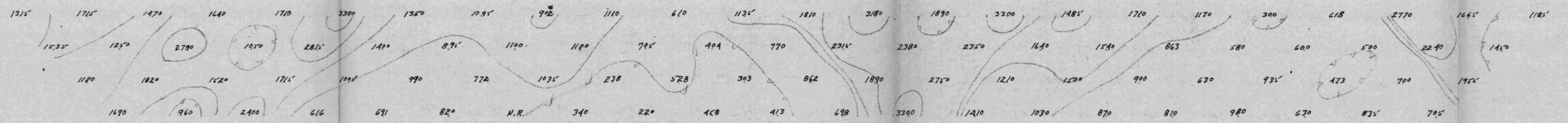
PFE



MF

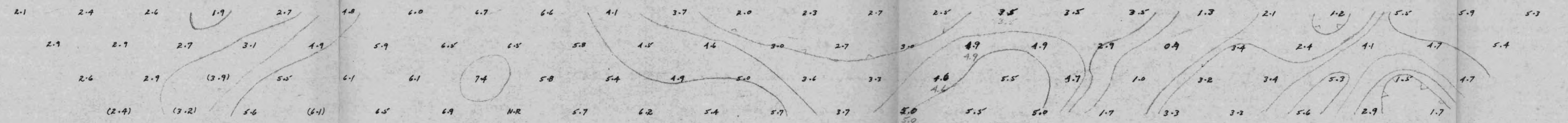
39 45 51 57 63 69 75 81 87 93 99 105 111 117

Top Copper
I.P. Profiles by P.E. Walcott
Aug '70

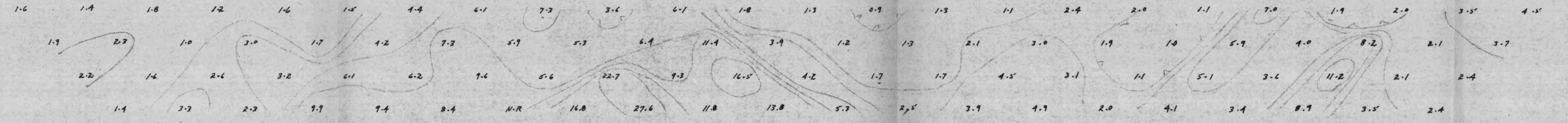


P/2T

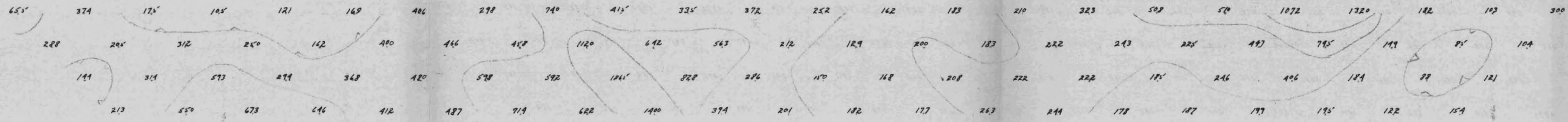
L-96N
a=300'



PFE



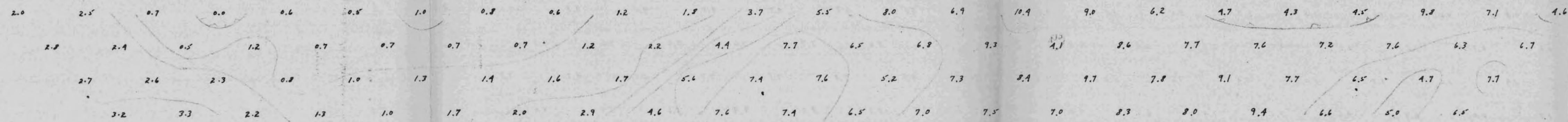
MF



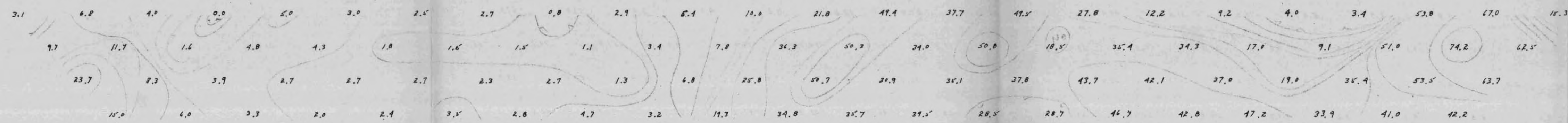
Top Copper
I.P. Profiles by P.E. Walcott Aug. '70

P/277

L 72+00 W
300 FT.



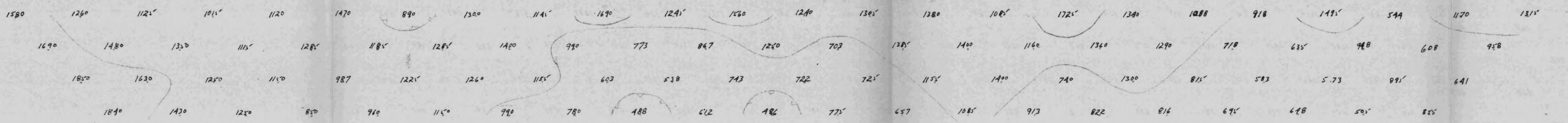
PFE



MF

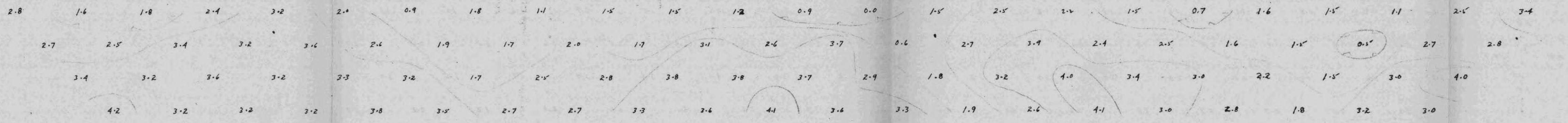
Top Copper
I.P. Profiles by P.E. Walcott
Aug. '70.

49 45 51 57 62 69 75 81 87 93 99 105 111 117

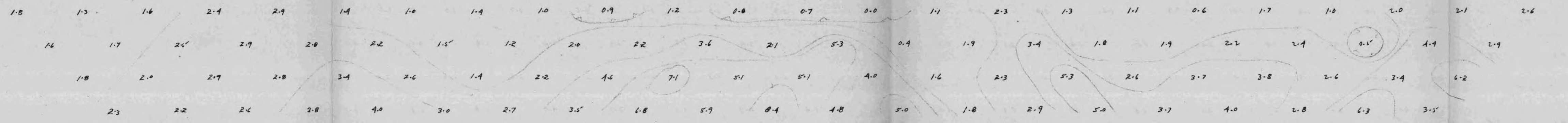


L-88N
a-300

P/1277



PFE



MF

Top Copper
I.P. Profiles by P.E. Walcott
Aug. '70

660	379	314	368	295	211	231	335	542	693	1120	1800	2300	3180	1780	1390	2280	1310	1200	2230	2260
665	713	610	475	305	282	368	535	722	1235	1935	1670	2330	2410	1365	2615	2280	3970	2980	2830	
805	1090	735	312	261	387	533	812	1485	1925	1510	1585	1685	2645	2260	1720	2110	3010	3130		
	1200	1230	624	338	338	544	807	1200	2180	1455	1415	1232	2000	3080	2050	2360	1600	3040		

P
277

1.0	1.2	1.3	1.8	1.6	1.2	1.3	2.2	2.4	3.0	3.3	4.3	4.0	3.2	2.3	0.8	2.2	3.0	4.6	1.3	1.3
1.5	1.6	1.8	1.5	2.4	1.6	1.2	1.3	3.2	3.5	4.0	4.0	7.4	2.8	1.8	2.4	2.3	3.6	4.0	3.8	
1.9	2.7	2.3	0.3	1.6	1.7	1.7	3.1	3.7	3.5	3.5	3.2	3.0	3.0	2.6	2.2	3.3	3.2	3.7		
	2.9	2.4	2.5	1.3	1.7	1.8	3.2	2.7	3.6	2.9	2.7	3.1	2.8	2.1	3.2	4.1	2.8	2.3		

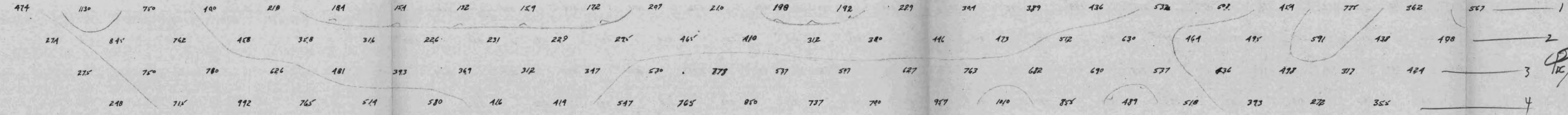
PFE

1.5	3.0	4.1	4.9	5.4	5.7	5.6	6.6	4.4	4.3	2.7	2.4	1.7	1.0	1.3	0.6	1.0	0.7	1.1	0.6	0.6
2.3	2.2	3.0	3.2	7.9	5.7	3.3	2.4	3.5	2.8	2.1	2.4	1.5	1.2	1.3	0.9	1.0	0.9	1.3	1.3	
2.4	2.5	3.1	1.0	6.1	4.4	3.2	3.8	2.5	1.8	2.3	2.0	1.8	1.4	1.2	1.1	1.6	1.1	1.2		
	2.4	2.0	4.0	3.4	5.0	3.3	4.0	2.2	1.7	2.0	1.7	2.8	1.4	0.7	1.6	1.7	1.8	0.8		

MF

L 152400 N
300 FT.

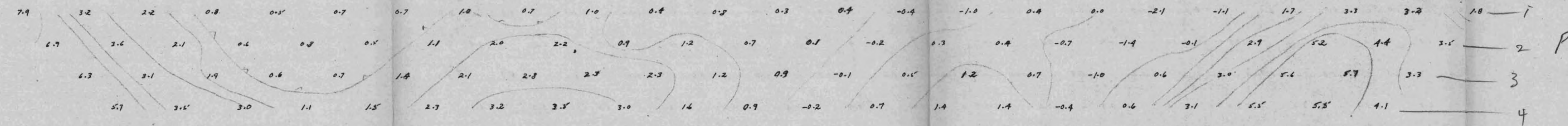
Surf.



Top Copper
 I.P. Profiles by P.E. Walcott
 Aug. '70

$\frac{P}{2\pi}$ ohm ft.

Surf.



\angle 80+100N
 300 FT

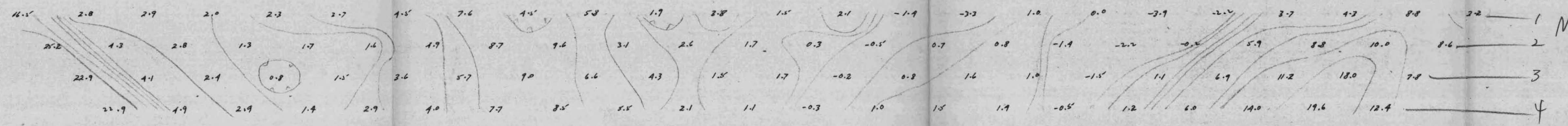
PFE

567/3.2

500/3.000

500/1.800

Surf.

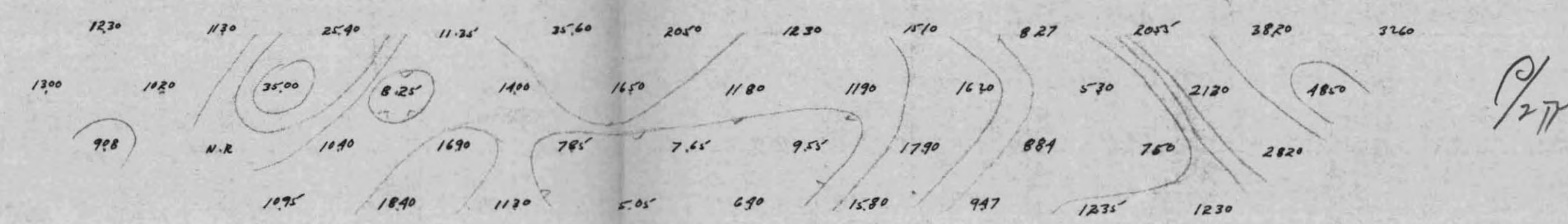


MF

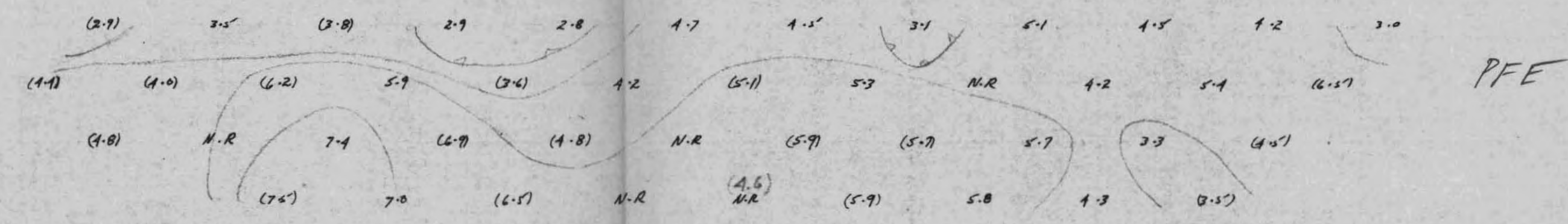
$\frac{P.F.E.}{2\pi} \times 10^3 = MF$

Top Copper
 I.P. Profiles by P.E. Walcott Aug '70

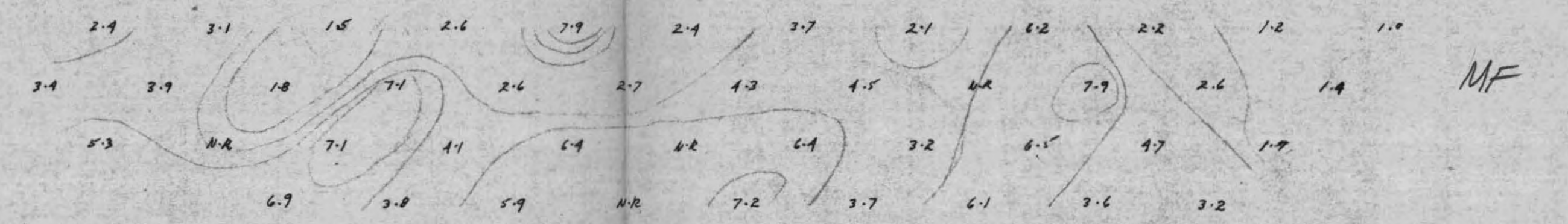
68 51 68 72 76 80 88 96 104 112 116



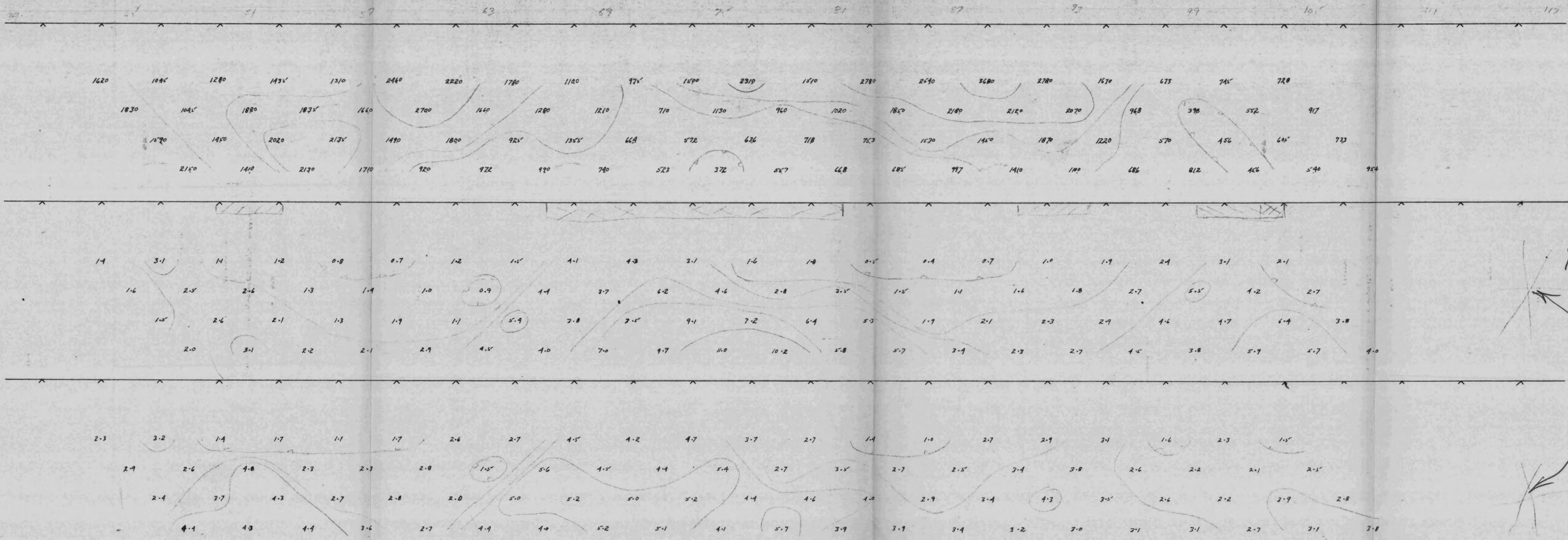
L = 124 N
 a = 400'



PFE
 $\frac{PFE}{P/277} \times 1000 = MF$
 $3260 \overline{) 3,000}$



MF
 $2055 \overline{) 4,500}$



L 92 N
Z = 300

Pa/27

Top Copper
I.P. Profiles by P.E. Walcott
Aug. '70.

Note Switch in Order F.E. vs. M.F.

M.F.

PFE x 1000 =
Pa/27

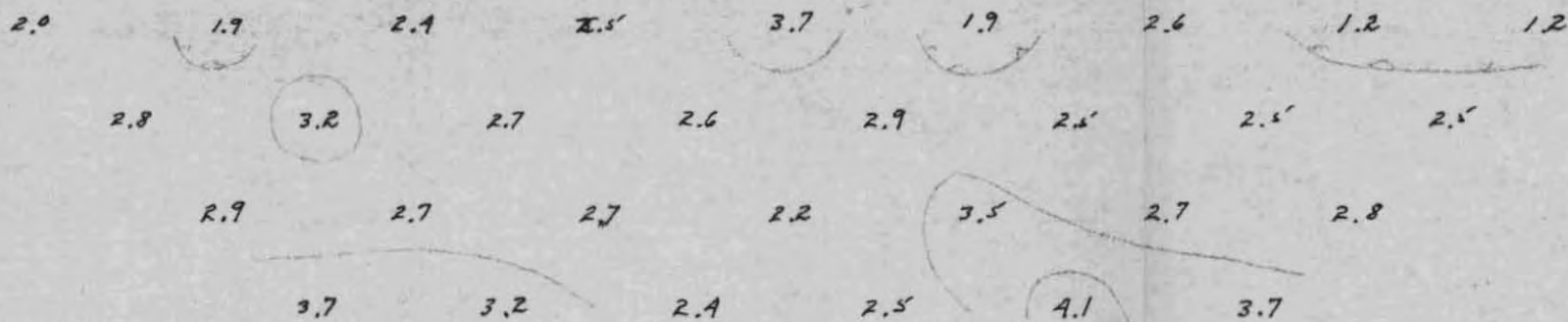
2780 / 2,900.

F.E.

Top Copper
I.P. Profiles by P.E. Walcott
Aug. '70

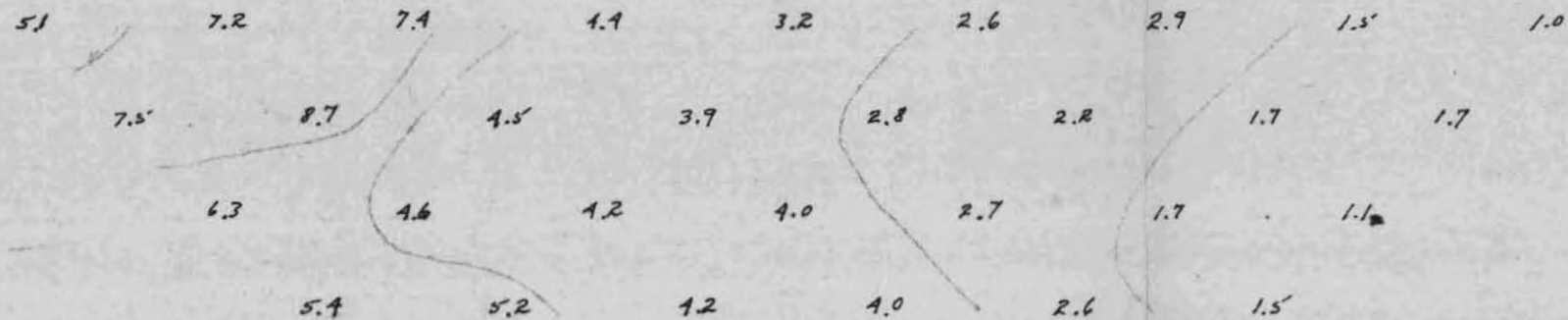


P
277

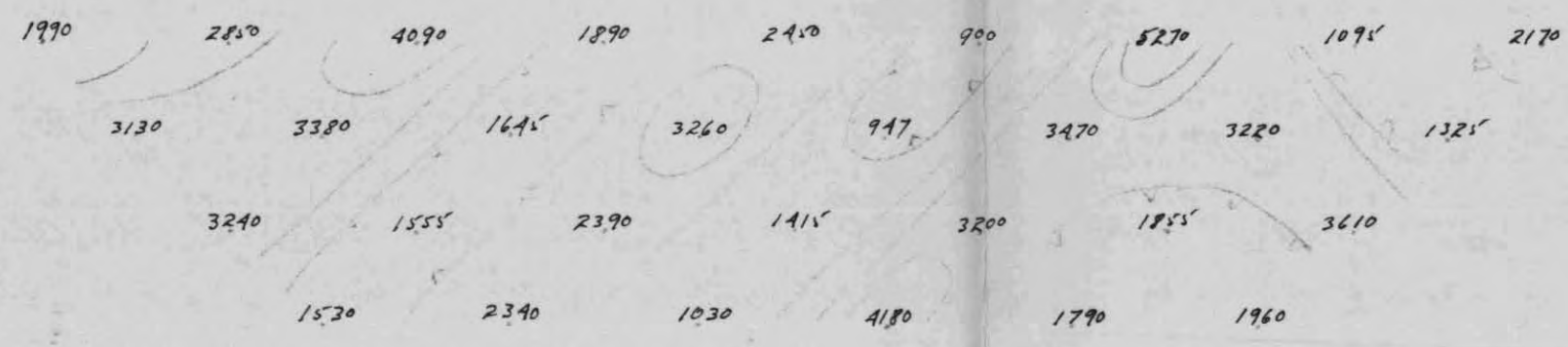


PFE

L 168400 N → B
300 FT.



MF



P/D
277

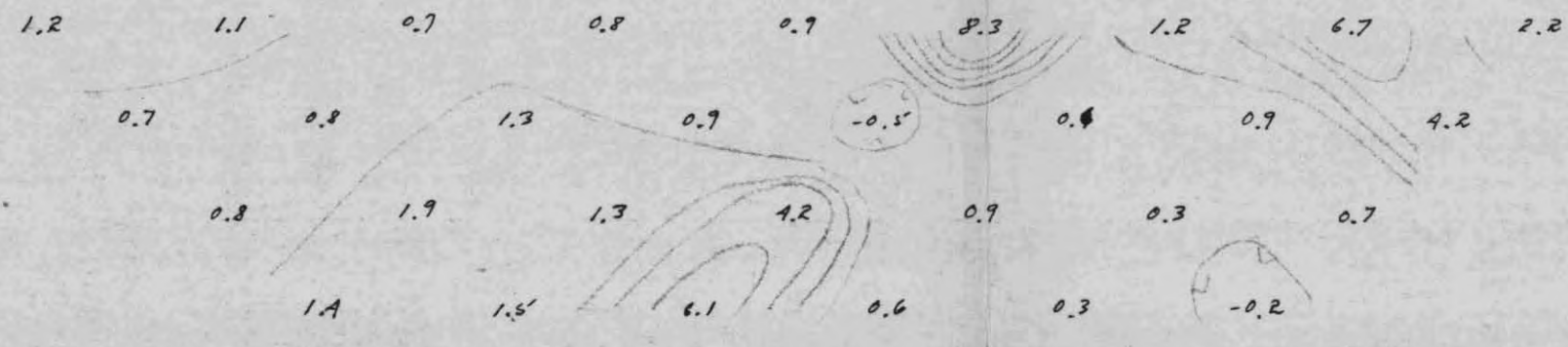
L-168 N-1

Q-300

Top Copper
I.P. Profiles by
P.E. Walcott
Aug. '70

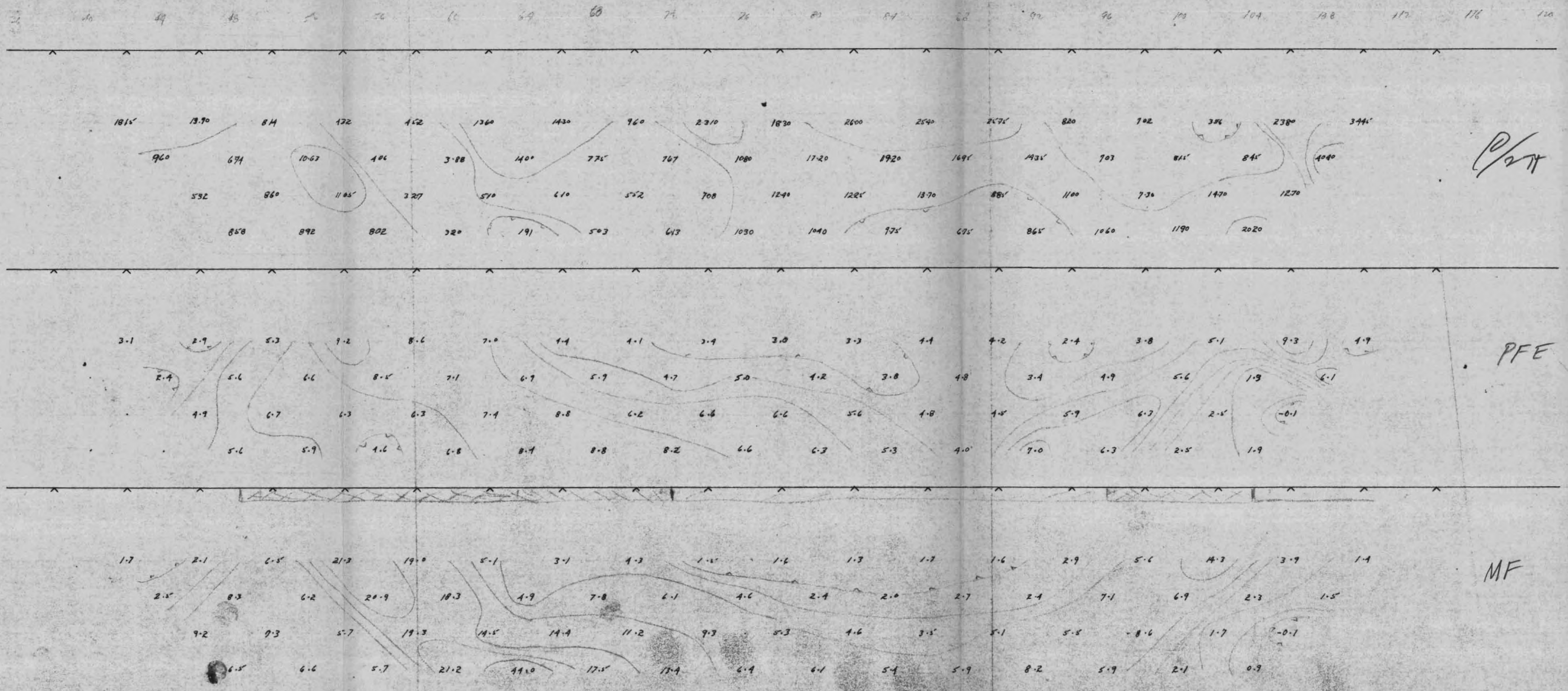


PFE



MF

Top Copper
 I.P. Profiles by P.E. Walcott Aug. '70



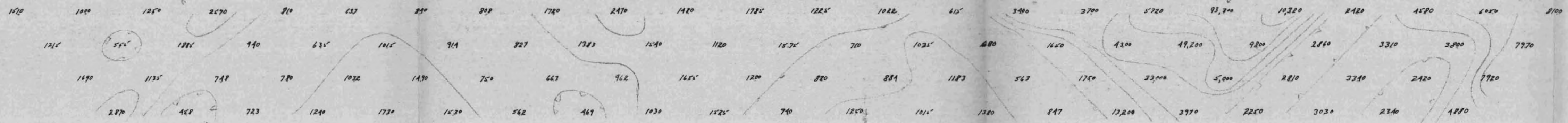
P/ST

L-100 N
 a = 400

PFE

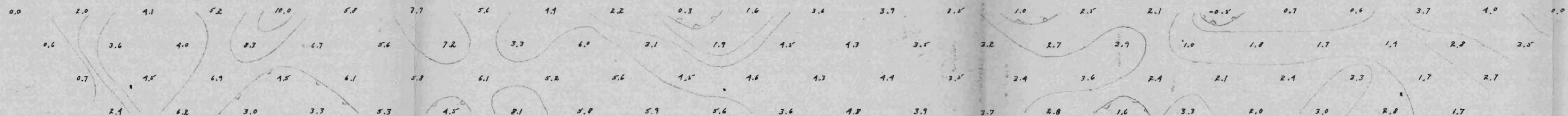
MF

Top Copper
I.P. Profiles by P.E. Walcott
Aug. '70.

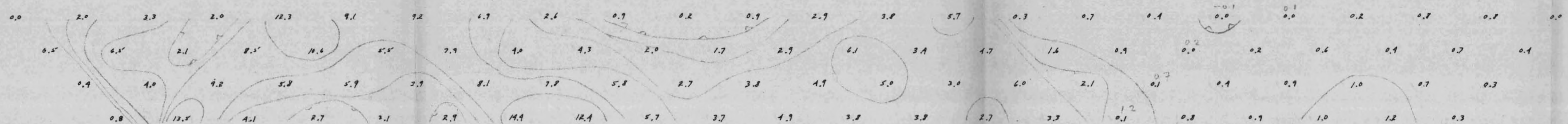


P/277

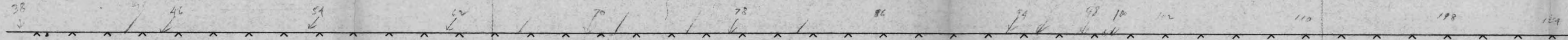
120+60
300



PFE



MF

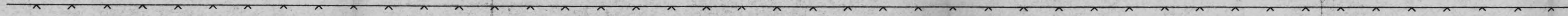


L-104 N a=200'

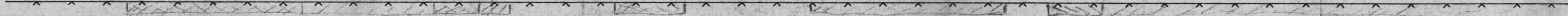


P/2TT

Top Copper
I.P. Profiles by P.E. Walcott
Aug. '70.

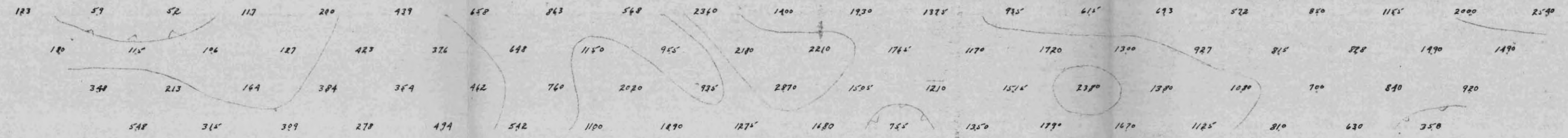


PFE



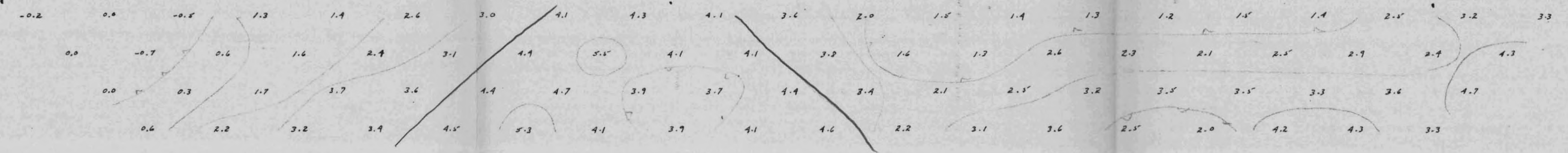
MF

Top Copper
I.P. Profiles by P.E. Walcott Aug. '70.

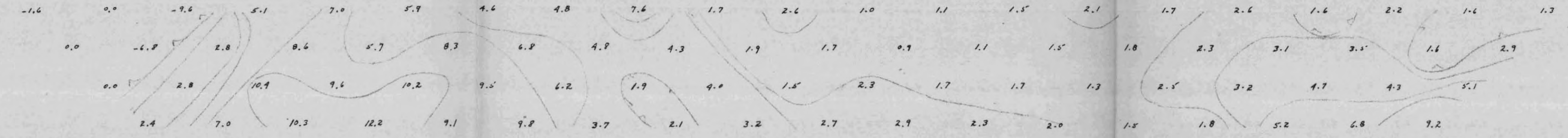


P/TT

L. 64+00 N
300 FT.

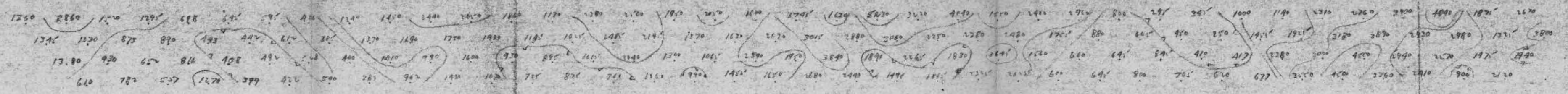
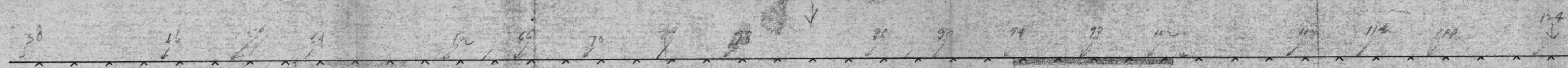


PFE



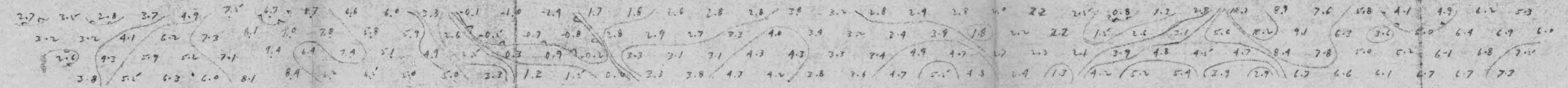
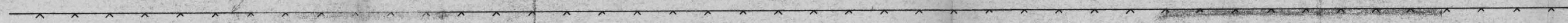
MF

Top Copper
 I.P. Profiles by P.E. Walcott Aug. '70

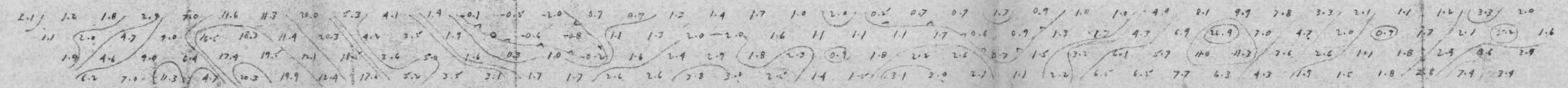


P/27

L-100 N
λ=200



PFE



MF

40

46

52

58

64

70

76

82

88

94

100

106

112

118

476	497	832	980	800	867	527	940	1337	1850	1325	2100	958	1495	1540
545	690	1360	1010	1510	1005	1140	1450	1310	3160	1790	1325	3310	893	2070
773	947	1070	1515	1395	1730	1197	1288	1990	3150	1095	3660	1745	1188	868
1000	713	1510	1275	2250	1915	1035	1865	1740	1765	2940	1820	2320	612	1015

$\frac{P}{2T}$

Top Copper
I.P. Profiles by P.E. Walcott
Aug. '70

L. 176 1000 N
a = 300

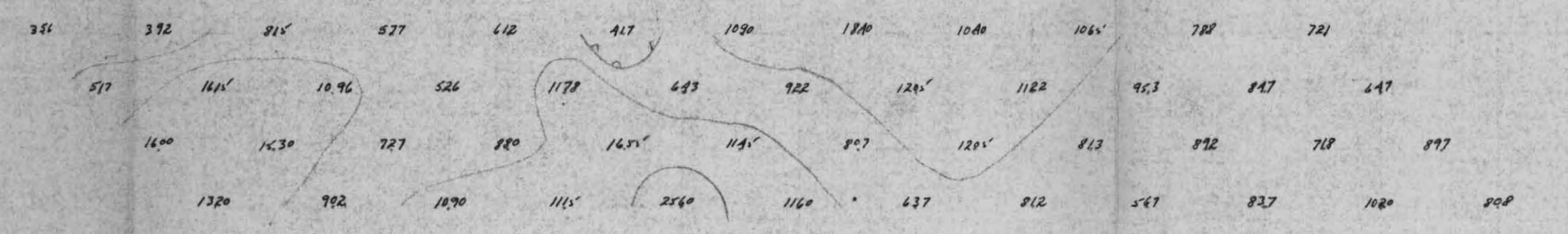
2.1	2.7	2.7	3.6	3.0	1.7	1.3	1.0	1.2	2.0	1.5	1.5	1.5	2.5	1.3
2.7	3.5	3.5	3.3	3.0	2.5	2.1	1.7	1.9	2.6	1.5	1.7	3.1	3.7	2.5
2.9	3.6	3.0	3.3	3.4	3.3	2.3	1.8	2.5	2.6	1.5	3.2	3.6	3.0	1.0
2.3	3.3	3.0	4.1	4.1	3.3	2.7	2.2	2.1	1.8	2.9	4.0	2.4	1.7	3.4

PFE

4.1	6.6	3.2	3.7	3.8	2.0	2.5	1.1	0.9	1.1	1.1	0.7	1.6	1.7	2.8
5.0	5.1	2.6	3.3	2.0	2.5	1.8	1.2	1.5	0.8	0.8	1.2	0.9	1.2	1.2
6.6	3.7	2.8	2.2	2.4	1.9	1.9	1.4	1.3	0.8	1.4	0.9	2.0	2.5	1.2
2.7	4.6	2.0	3.2	1.8	1.7	2.6	1.2	1.2	1.0	1.0	2.2	1.0	2.8	3.3

MF

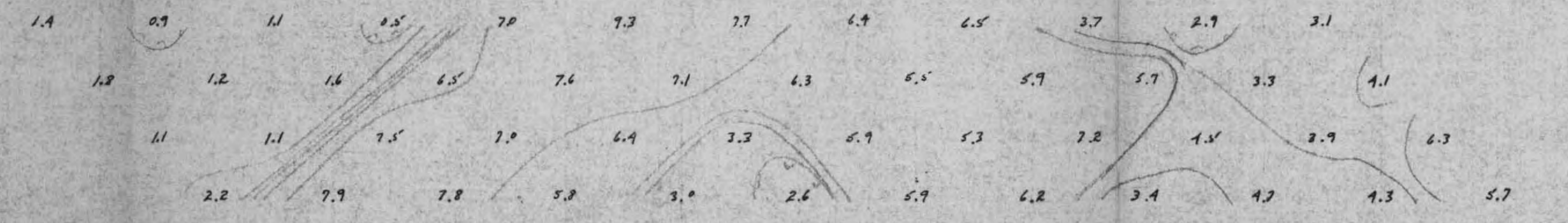
39 41 51 57 63 69 75 81 87 93 99 105 111 117



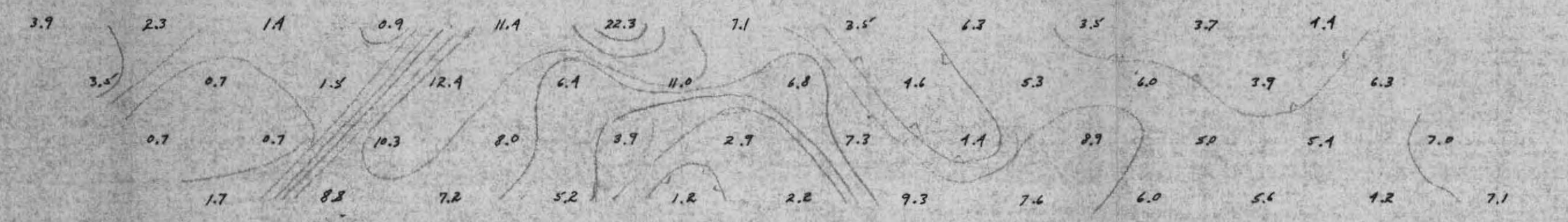
P/4TT

Top Copper
I.P. Profiles by P.E. Walcott. Aug 190.

L 128+00 N
300 FT



PFE



MF