



State of New Jersey  
Department of Environmental Protection  
Geological Survey

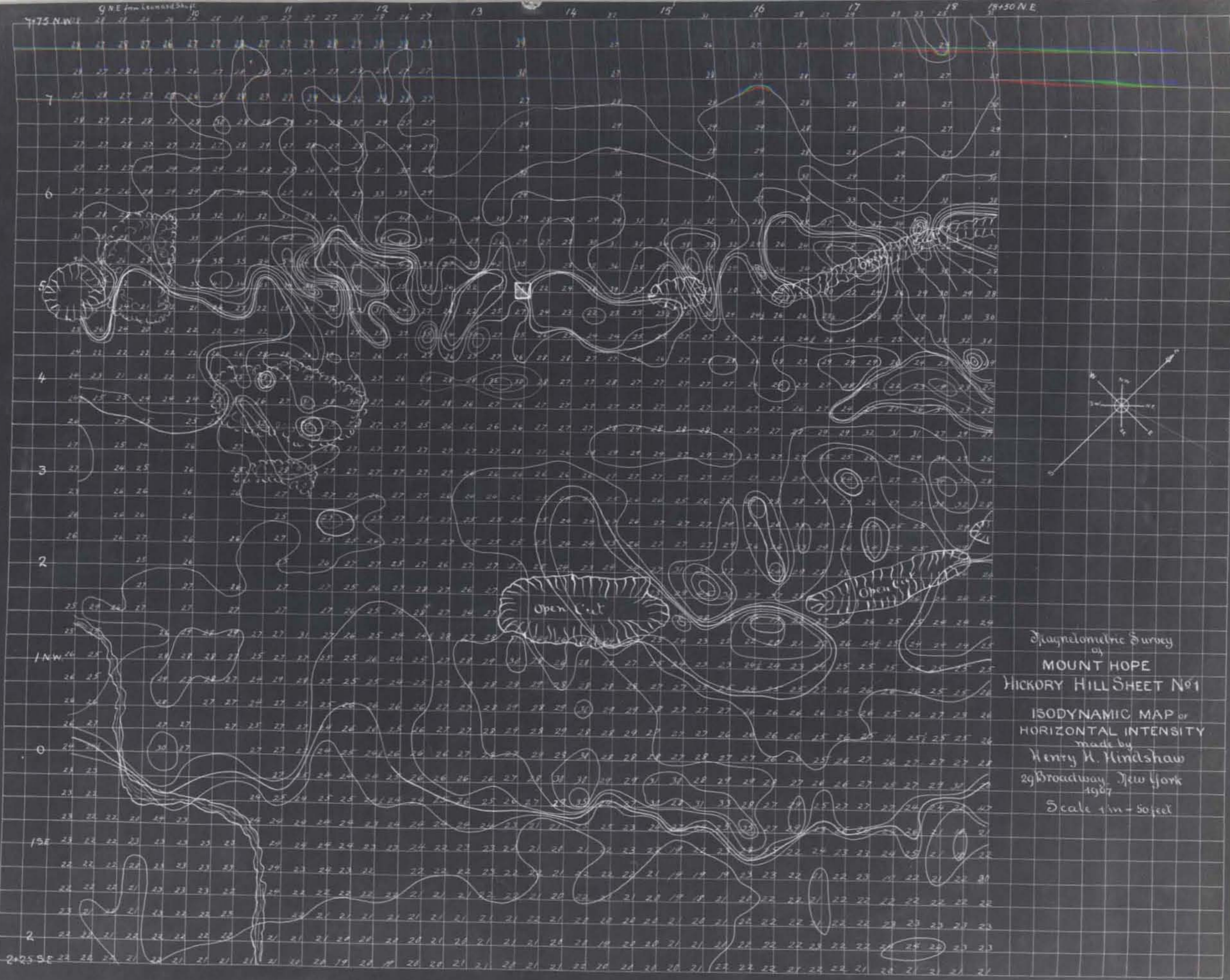


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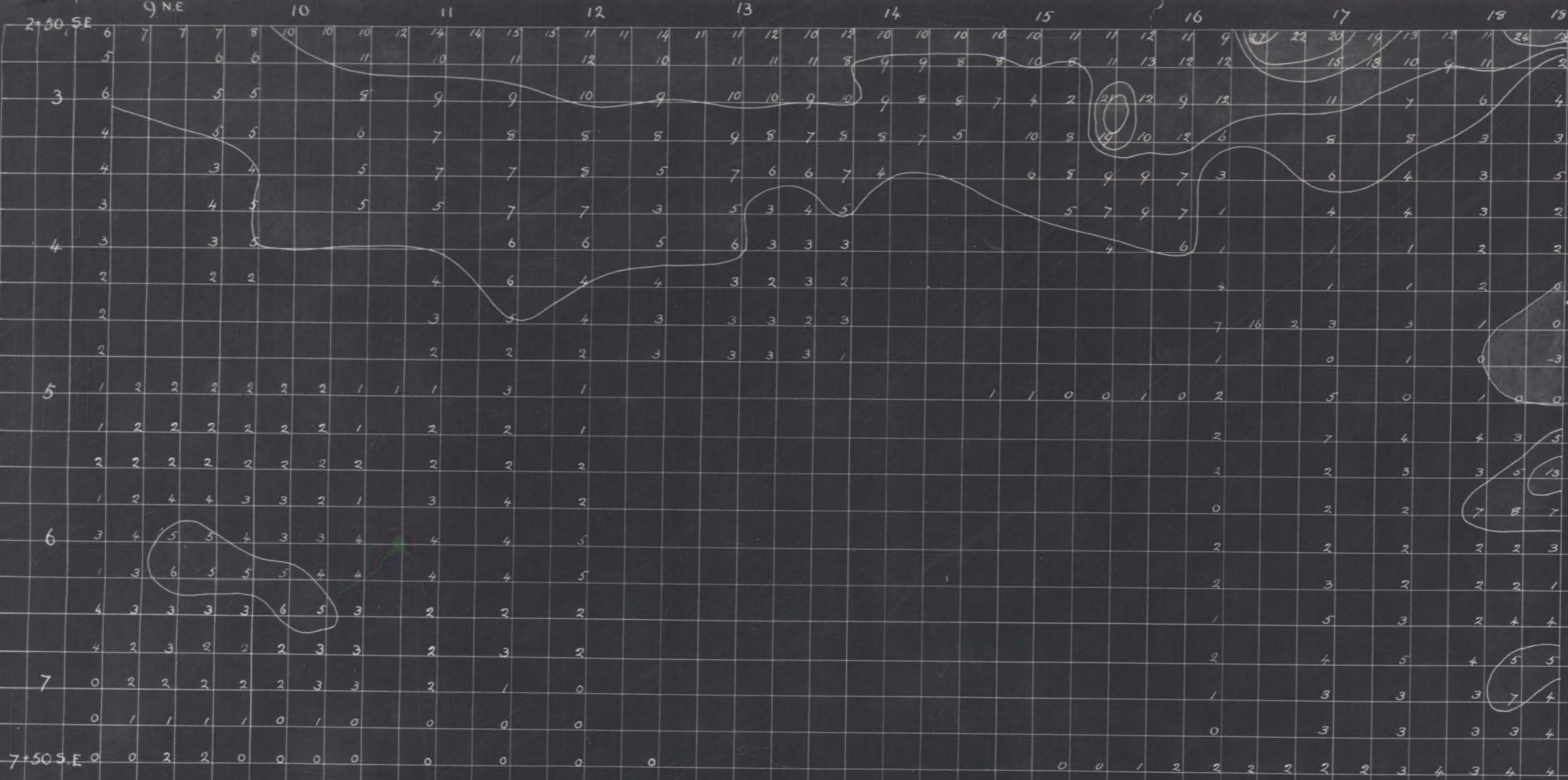
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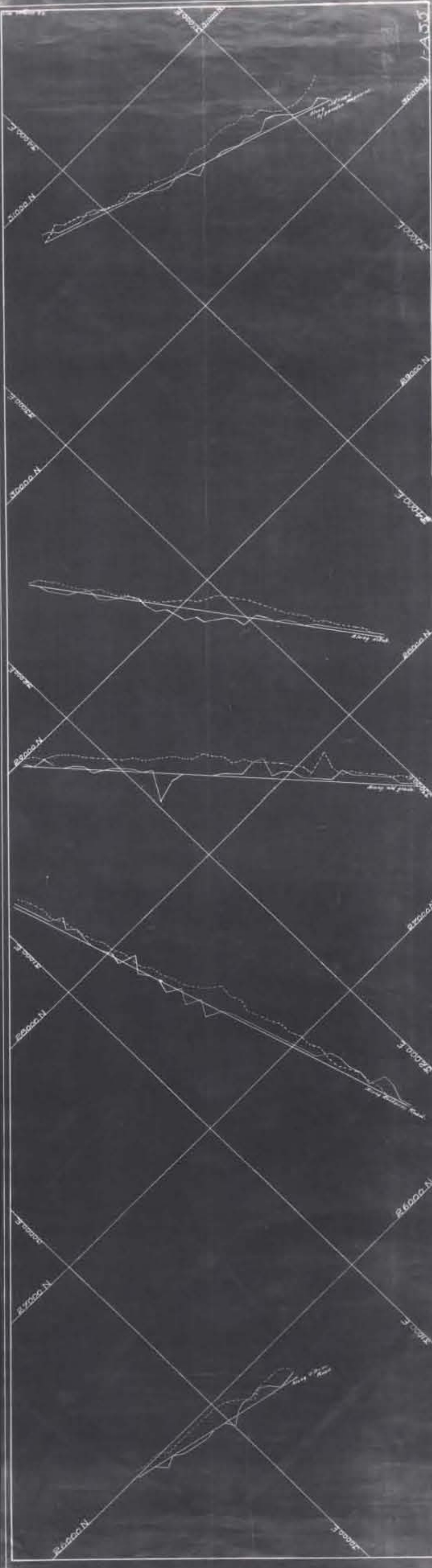


Magnetometric Survey  
 of  
**MOUNT HOPE**  
**HICKORY HILL SHEET No 1**  
 ISODYNAMIC MAP or  
 HORIZONTAL INTENSITY  
 made by  
 Henry H. Hindshaw  
 29 Broadway, New York  
 1907  
 Scale 1 in = 50 feet

**MH-98-J** (D) 5-17



Magnetometric Survey  
of  
**MOUNT HOPE**  
**HICKORY HILL SHEET No 1A**  
ISODYNAMIC MAP OF  
**VERTICAL INTENSITY**  
made by  
Henry H. Hindshaw  
29 Broadway, New York  
1907  
Scale 1 in = 50 ft.



Magnetometer Readings  
 taken with Dahlblau's Sine Arm.  
 July 1927

Dip. Scale

+4	149
+7	152
+6	151
+7	151
-3	152
+11	155
+9	153
+8	155
+4	154
+5	155
+4	155
+5	153
+5	155
+5	155
+5	155
+5	155
+6	157
+6	156
+6	156
+8	156
+8	157
+8	157
+7	157
+7	156
+7	155
+8	157
+7	157
+6	156
+7	155
+6	155
+6	157
+6	158
+7	157
+8	158
+9	159
+9	158
+12	159
+14	158
+14	157
+14	157
+14	158
+13	155
+12	155
+11	156
+10	155
+10	155
+10	156
+8	155
+9	155
+8	155
+8	155
+8	155
+8	155
+6	155
+6	155
+7	155
+6	155
+6	155
+6	155
+6	155
+6	155
+6	155
+6	155
+3	155
+5	157
+5	155
+6	155
+5	155
+5	155
+4	155

33000 F

30000

33000 F

30000 N

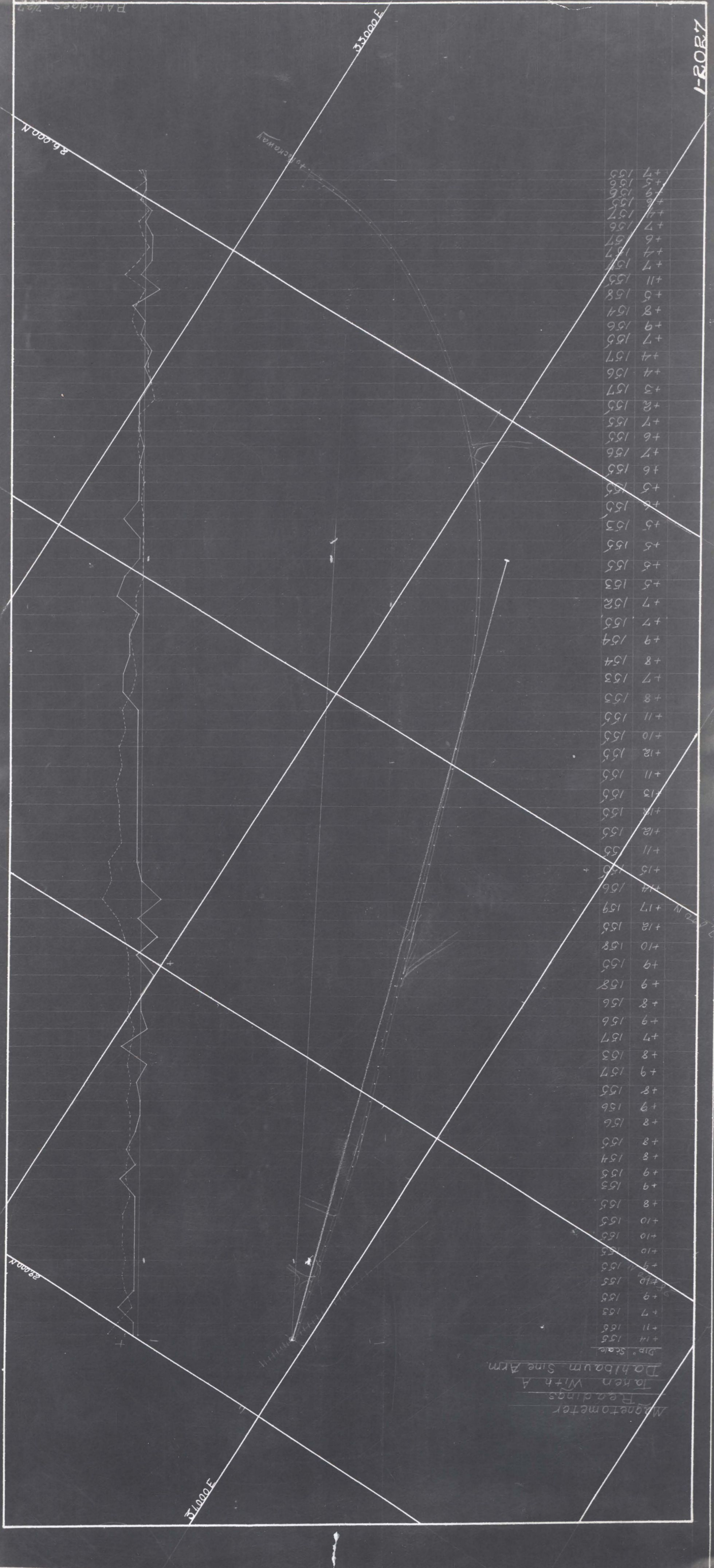
1600

27000

28000 N

1-2029

PA Hodges 7/27



No.	Reading
+14	155
+13	155
+12	155
+11	155
+10	155
+9	155
+8	155
+7	155
+6	155
+5	155
+4	155
+3	155
+2	155
+1	155
0	155
-1	155
-2	155
-3	155
-4	155
-5	155
-6	155
-7	155
-8	155
-9	155
-10	155
-11	155
-12	155
-13	155
-14	155
-15	155
-16	155
-17	155
-18	155
-19	155
-20	155
-21	155
-22	155
-23	155
-24	155
-25	155
-26	155
-27	155
-28	155
-29	155
-30	155
-31	155
-32	155
-33	155
-34	155
-35	155
-36	155
-37	155
-38	155
-39	155
-40	155
-41	155
-42	155
-43	155
-44	155
-45	155
-46	155
-47	155
-48	155
-49	155
-50	155
-51	155
-52	155
-53	155
-54	155
-55	155
-56	155
-57	155
-58	155
-59	155
-60	155
-61	155
-62	155
-63	155
-64	155
-65	155
-66	155
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-71	155
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-84	155
-85	155
-86	155
-87	155
-88	155
-89	155
-90	155
-91	155
-92	155
-93	155
-94	155
-95	155
-96	155
-97	155
-98	155
-99	155
-100	155

Magnetometer  
 Readings  
 Taken With A  
 Dohbaum Side Arm

Dip Scale

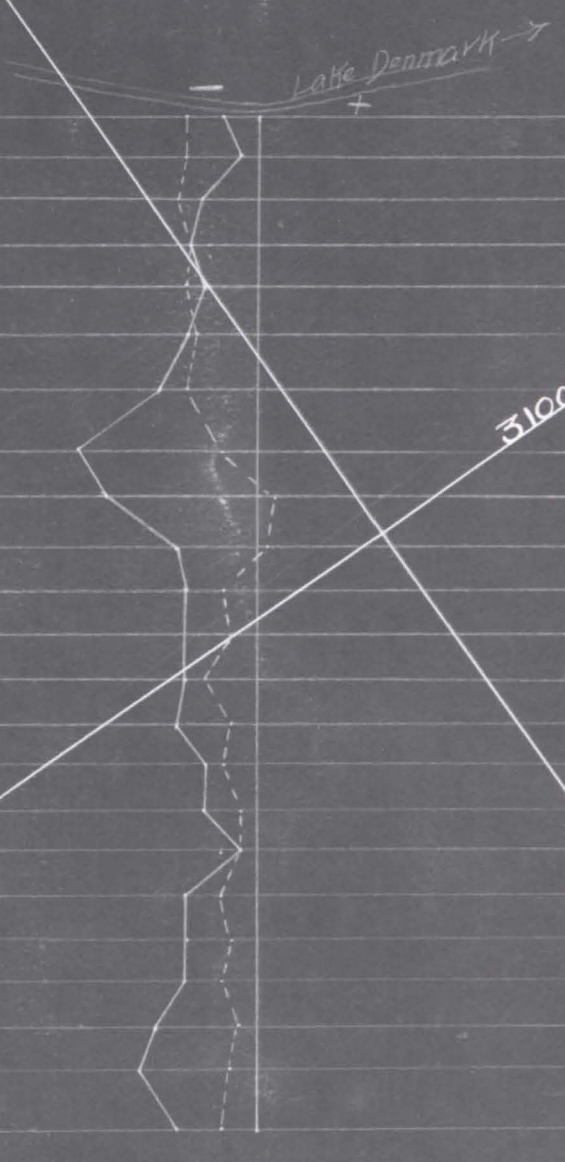
86.000 N  
87.000 N  
88.000 N  
89.000 N  
90.000 N  
91.000 N  
92.000 N  
93.000 N  
94.000 N  
95.000 N  
96.000 N  
97.000 N  
98.000 N  
99.000 N  
100.000 N  
101.000 N  
102.000 N  
103.000 N  
104.000 N  
105.000 N  
106.000 N  
107.000 N  
108.000 N  
109.000 N  
110.000 N  
111.000 N  
112.000 N  
113.000 N  
114.000 N  
115.000 N  
116.000 N  
117.000 N  
118.000 N  
119.000 N  
120.000 N

32000 N

30000 F

Magnetometer Readings  
Taken With Dahlbaum Sine Arm

DIP°	SCALE
-3	157
-3	157
-4	159
-3	160
-3	159
-2	160
-3	162
+1	158
+7	166
+6	161
+1	160
+2	160
-1	160
+2	161
+1	159
+3	159
+3	157
+1	160
+2	160
+1	160
+3	162
+2	163
+1	161



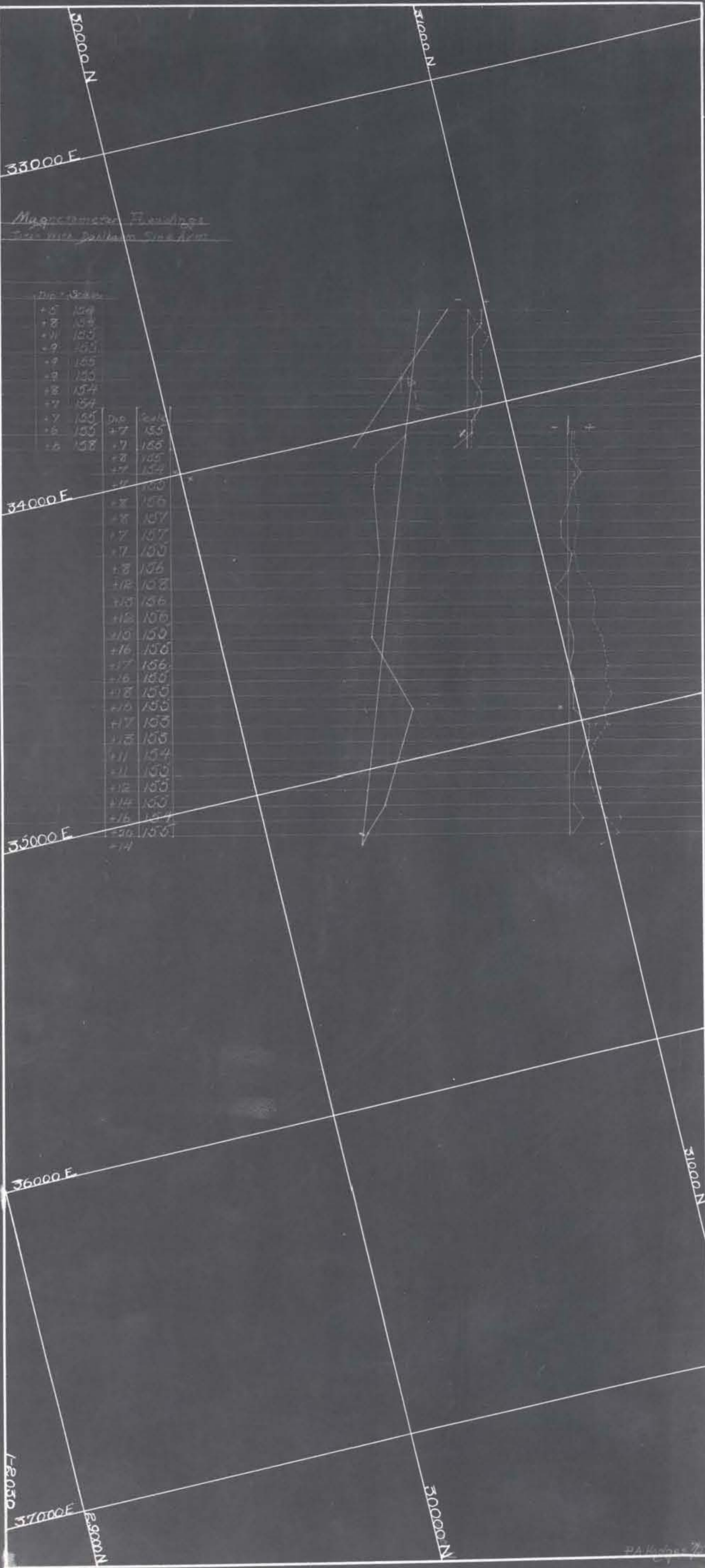
31000 F

32000 F

32000 N

1-2031

PA. Hodges '67



Magnetometer Readings  
 From West Dallas Site Area

Top Scale

+5	129
+8	134
+11	133
+9	153
+9	155
+9	156
+8	154
+7	154
+7	155
+6	155
+6	158

Div	Scale
+7	155
+7	155
+8	155
+7	154
+8	155
+8	156
+8	157
+7	157
+7	155
+8	156
+12	153
+15	156
+12	156
+10	150
+16	156
+17	156
+16	155
+18	155
+15	155
+17	153
+13	153
+11	154
+11	150
+12	150
+14	150
+16	154
+14	155
+14	



Magnetometer Readings  
 Taken With Dahlblauw Sine Arm

29000 N

31000 E

32000 E

28000 N

27000 N

DIP °	SCALE
+9	155
+10	155
+9	155
+8	154
+8	154
+8	155
+7	153
+9	155
+9	155
+9	155
+10	155
+9	155
+10	156
+10	154
+11	155
+12	156
+12	155
+11	155
+11	157
+11	156
+11	155
+11	155
+12	155
+11	156
+12	155
+13	164
+14	158
+13	156
+13	156
+16	156
+15	156
+15	155
+12	155
+14	155
+13	152
+13	151
+13	155
+13	154
+12	154
+12	155
+9	155
+20	155
+12	155
+9	153
+11	154
+10	154
+10	154
+10	154
+9	154
+10	155
+9	155
+9	155
+7	153
+7	154
+8	155
+6	155
+6	153
+7	155
+7	155
+5	155
+8	154
+9	157
+7	155
+8	155
+5	155
+8	155
+9	155
+8	155

ASPT

Magnetometer Readings  
 Taken With Dahlbaur's Sine Arm

Dip	Scale
+2	159
+3	160
+2	160
+4	160
+3	159
+5	162
+5	162
+7	160
+8	161
+7	158
+15	160
+6	162
+11	160
+7	161
+10	160
+12	160
+7	159
+9	161
+7	158
+9	163
+6	159
+10	163
+9	161
+10	160
+10	160
+8	160
+16	158
+9	156
+6	156
+4	159
+4	164
+9	162
+11	161
+8	161
+15	158
+10	160
+10	160
+7	157
+8	163
+7	159
+20	155
+19	159
+12	161
+19	160
+17	158
+18	159
+32	159
+36	168
+52	166
+37	152
+26	153
+24	151
+33	149
+28	149
+34	146
+29	147
+25	148
+25	148
+26	147
+23	148
+18	149
+18	156
+14	149
+11	151
+9	152
+11	151
+9	154
+8	150
+11	153
+11	153
+7	154
+8	154
+9	154
+7	153
+5	155
13	155

30000 F

30000 F

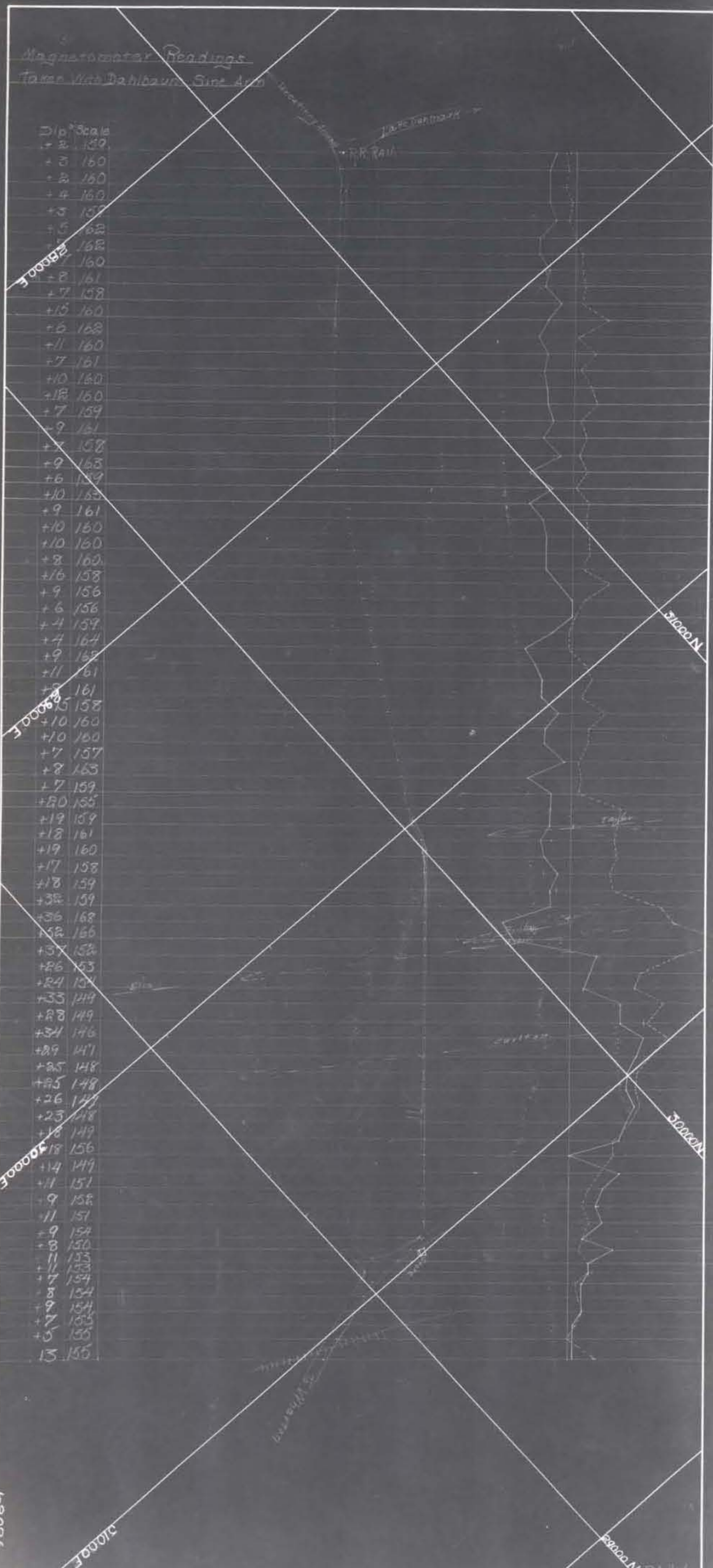
30000 F

18086

31000 F

30000 N

(Exploration)



"R" in C.G.S. Units

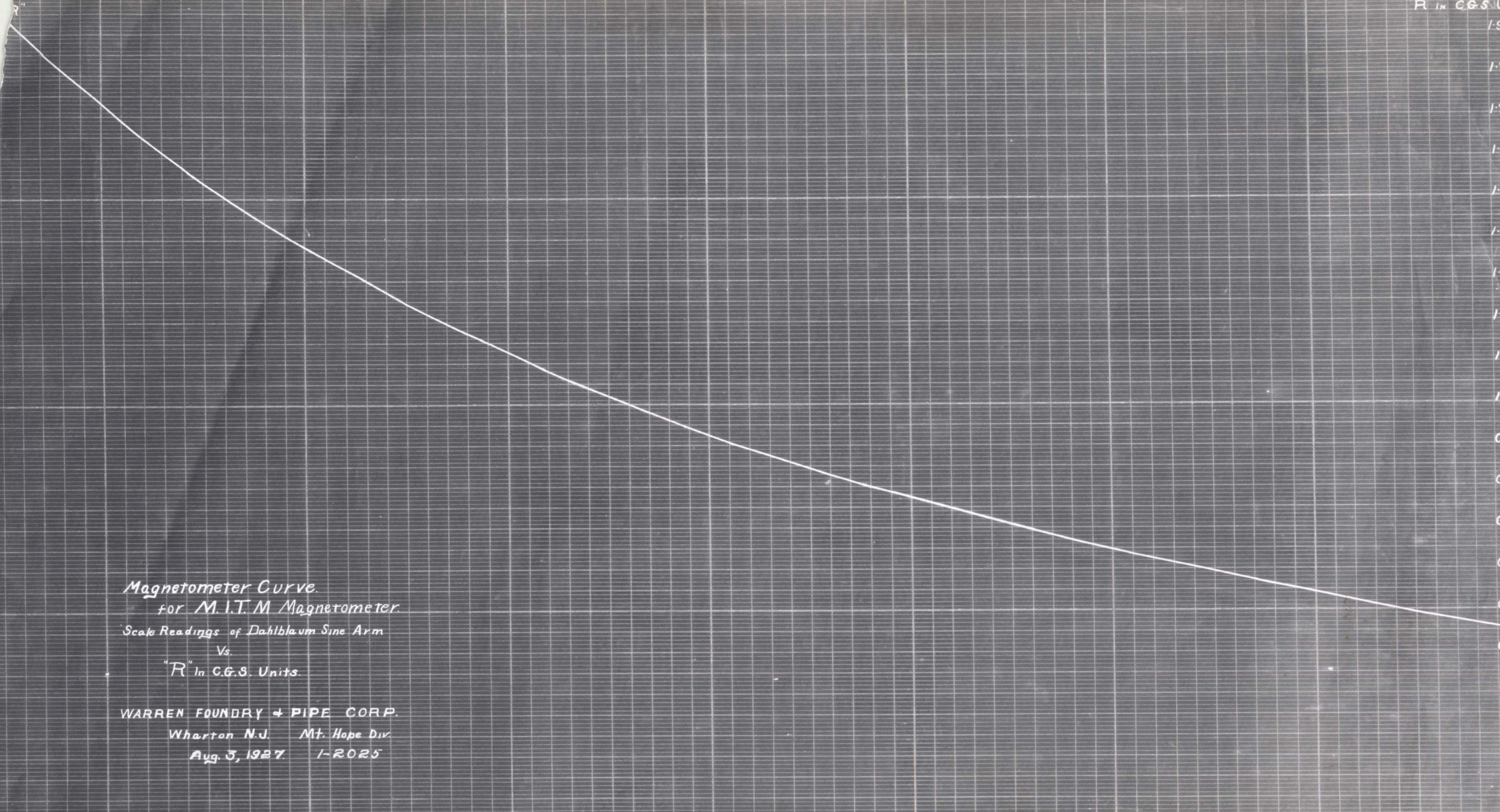
1.7  
1.6  
1.5  
1.4  
1.3  
1.2  
1.1  
1.0  
0.9  
0.8  
0.7  
0.6  
0.5  
0.4  
0.3  
0.2  
0.1

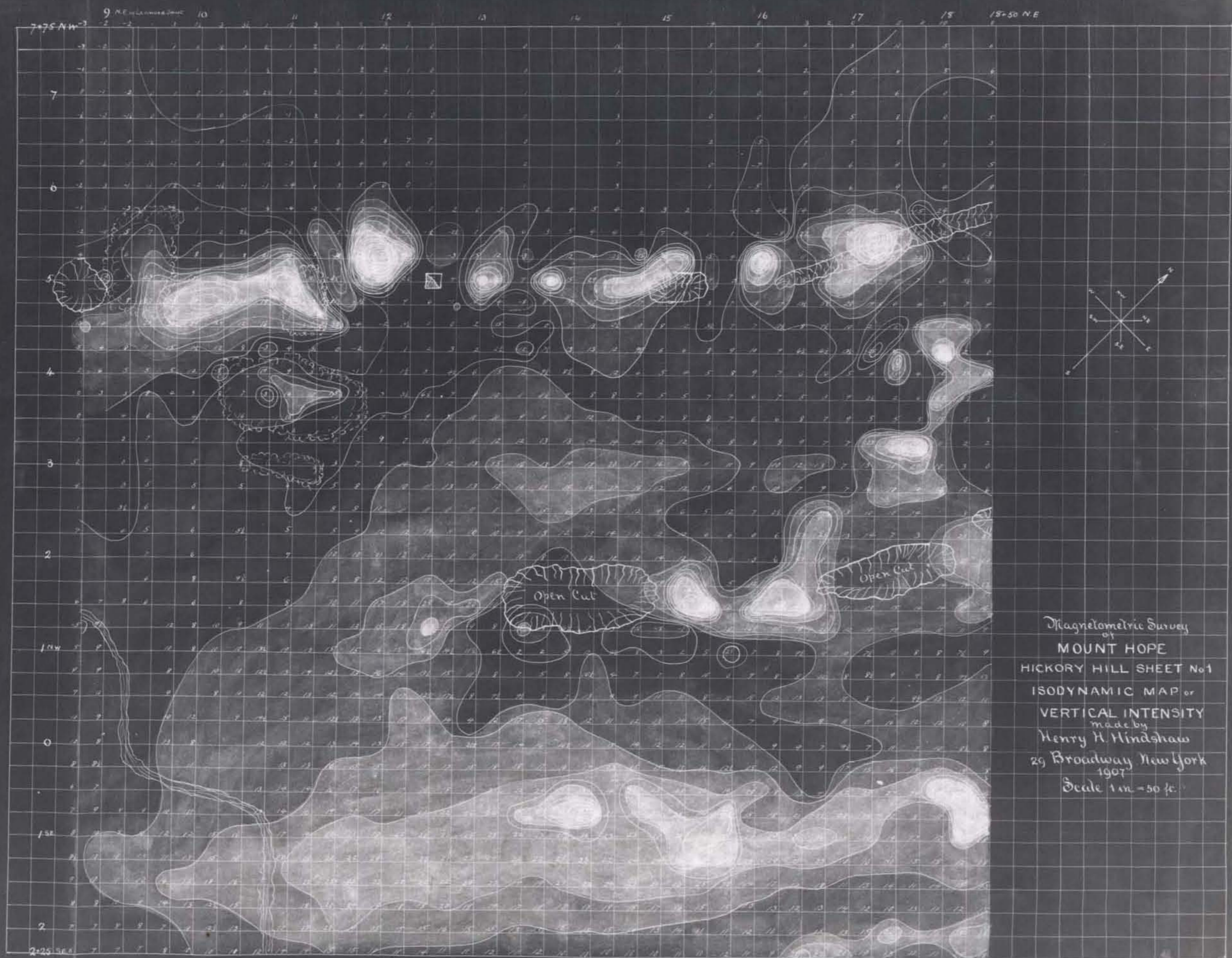
1.9  
1.8  
1.7  
1.6  
1.5  
1.4  
1.3  
1.2  
1.1  
1.0  
0.9  
0.8  
0.7  
0.6  
0.5  
0.4  
0.3  
0.2  
0.1

Magnetometer Curve  
for M.I.T.M Magnetometer  
Scale Readings of Dahlblauw Sine Arm  
Vs.  
"R" in C.G.S. Units.

WARREN FOUNDRY + PIPE CORP.  
Wharton N.J. Mt. Hope Div.  
Aug. 3, 1927. 1-2025

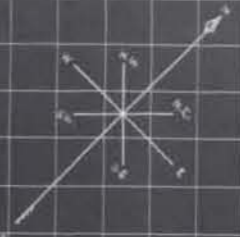
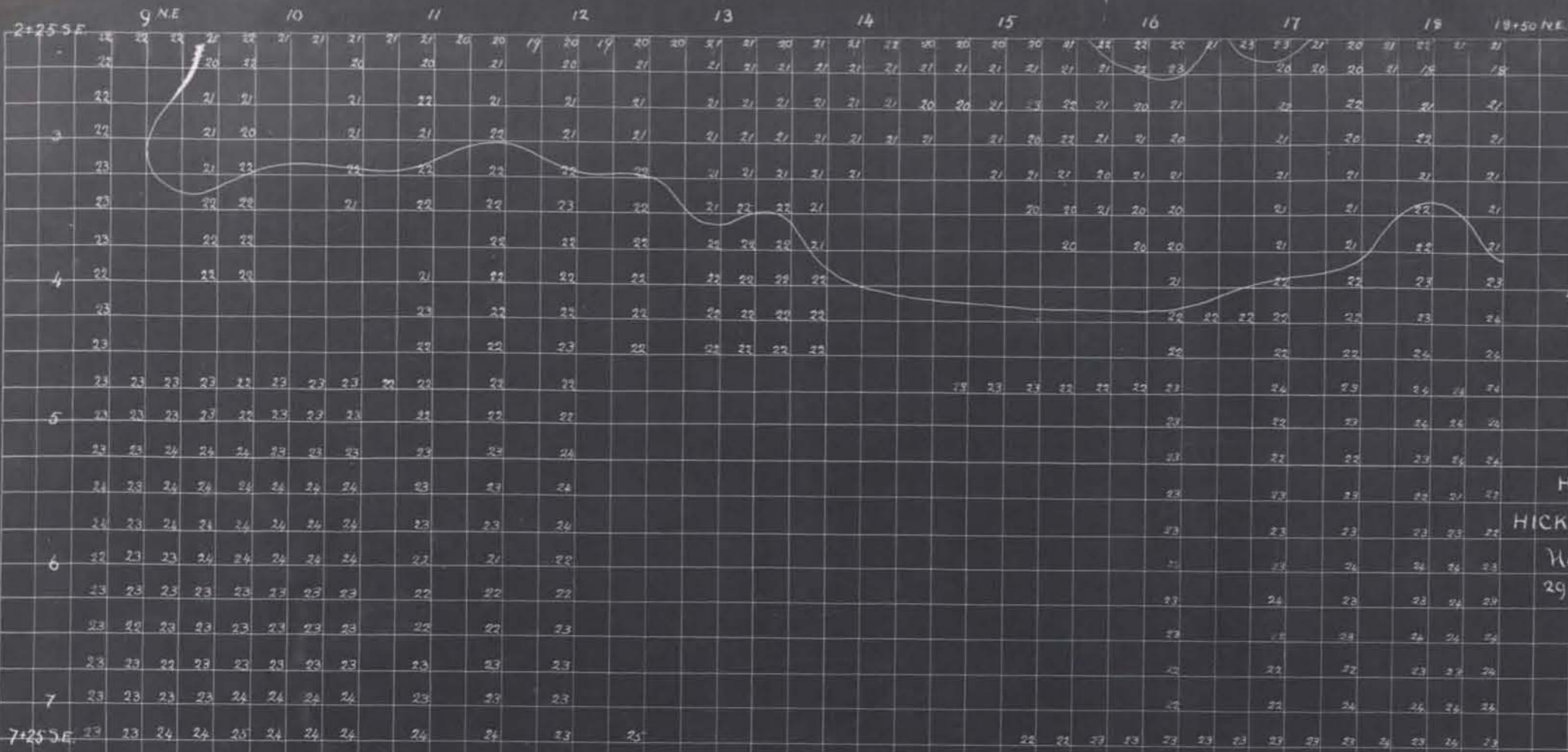
M<sub>s</sub> 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 Millimeters. P.A. Hodges





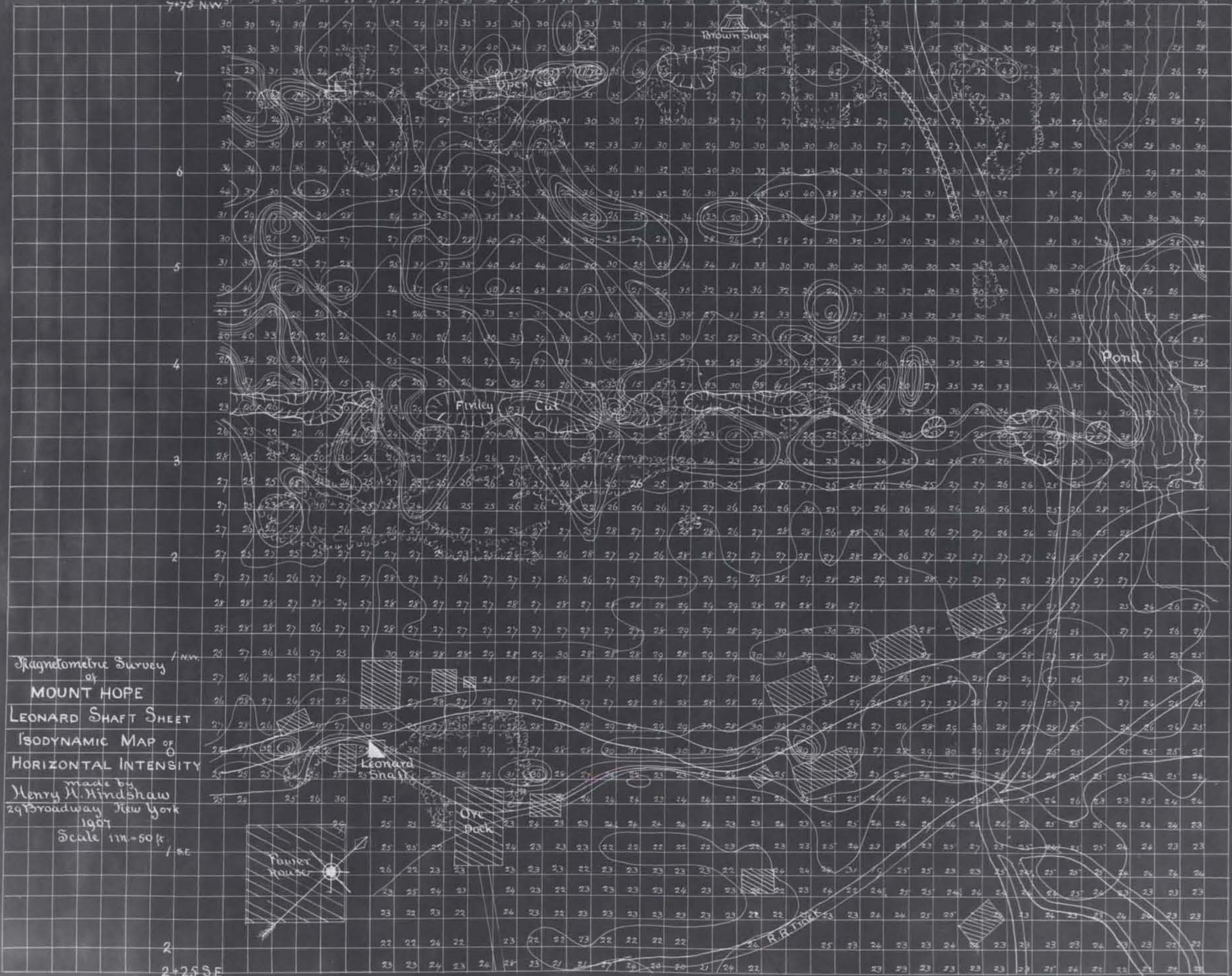
Magnetometric Survey  
of  
**MOUNT HOPE**  
HICKORY HILL SHEET No. 1  
ISODYNAMIC MAP or  
VERTICAL INTENSITY  
made by  
Henry H. Hindshaw  
29 Broadway New York  
1907  
Scale 1 in. = 50 ft.

MH-98-J



Magnetometric Survey of  
**MOUNT HOPE**  
 ISODYNAMIC MAP  
 OF  
 HORIZONTAL INTENSITY  
 HICKORY HILL SHEET No 1A  
 made by  
 Henry W. Mindshaw  
 29 Broadway New York  
 1907  
 Scale 1 in = 50 ft.

1+50 SW 1 SW 0 1 NE 2 3 4 5 6 7 8 8+50 N.E.

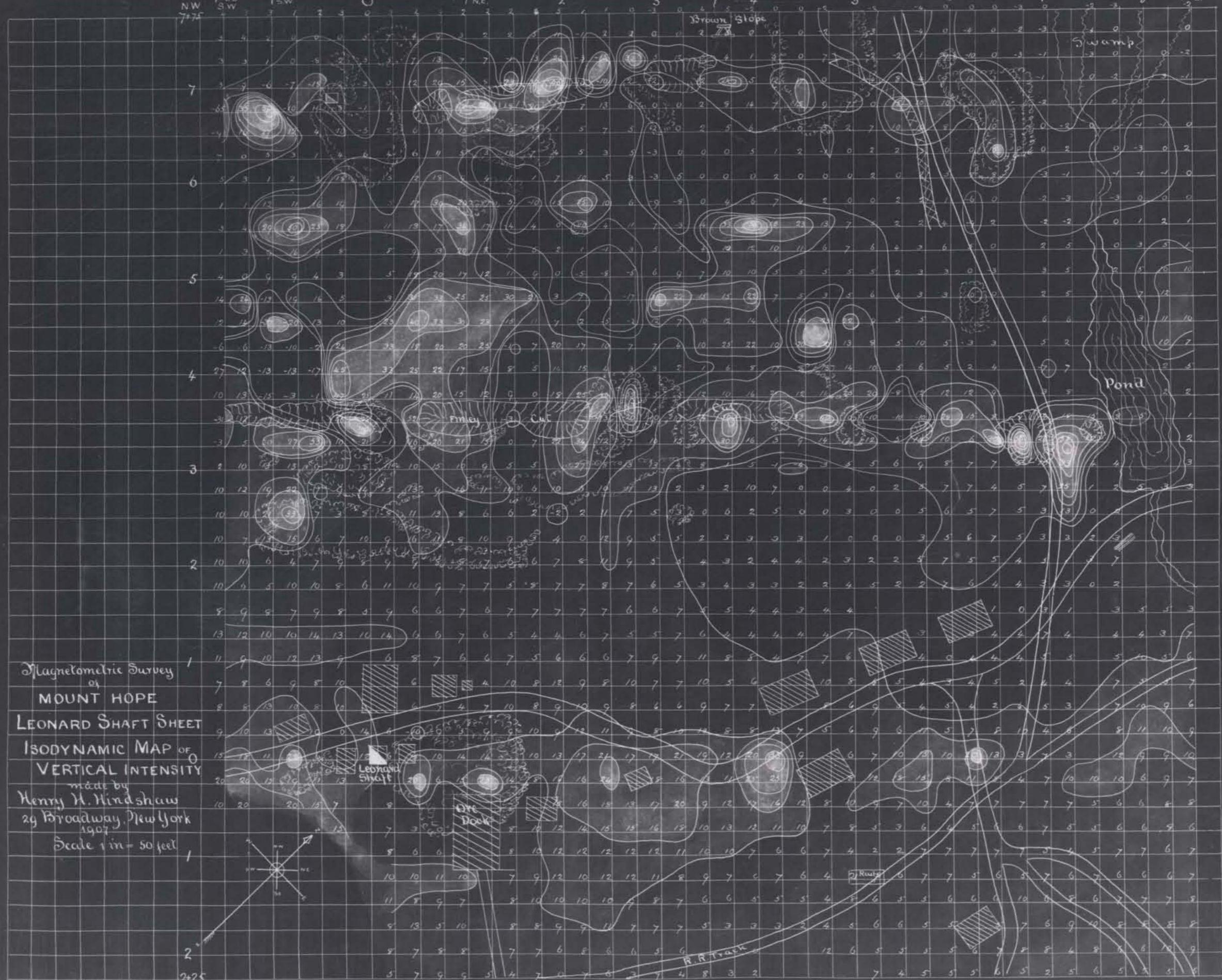


Magnetometric Survey  
of  
**MOUNT HOPE**  
LEONARD SHAFT SHEET  
ISODYNAMIC MAP OF  
HORIZONTAL INTENSITY  
made by  
**Henry H. Hindshaw**  
29 Broadway New York  
1907  
Scale 1 in. = 50 ft

2+25 SE

MH-98-J (F) J-13

NW 7+75 1-50 SW 1-50 1-50 1 N.E. 5-50 N.E.



Magnetometric Survey  
 of  
**MOUNT HOPE**  
**LEONARD SHAFT SHEET**  
 ISODYNAMIC MAP OF  
 VERTICAL INTENSITY  
 made by  
**Henry H. Hindshaw**  
 29 Broadway, New York  
 1907  
 Scale 1 in = 50 feet

MH-98-J (E.)

J-10