

84.

MINING  
TRANSIT BOOK  
363

Copy

Norman R. Robinson  
To John W. Devo D-

Establishing Truss USMC No. 25  
on West side Sibley Lake Bet  
Acres 9 and 16 T136-1929 125.

March 24-1948

paid this \_\_\_\_\_ day of March 1948

Colleen M.

83<sup>5</sup> tree  
172 IM

79D - d  
P7 209

# INDEX

Page to Page

Leveling Notes. Sec 36-141-30 -- 64 " 110

Horston Loon Lake 136-29. 2 - 13

Sec. 36-141-30

②306

136-29

Tuesday Nov 14-1916.

I am working for Soon Lake  
Twp 136-29

I get Notes and plats and  
survey outfit and leave  
Walker for Peguot on 9-28  
A.M. train. fare \$0.85.

P.M. - Ray Anderson takes me and  
outfit and 15 I.M.s to Mads C.  
Andersons in S.W. 1/4 sec 21

I walk to 1/4 cor between sec  
21 and 28. L-104 where U.S.  
Notes call for

B.Pine 10 N 45° E 40 = 26.40 ft.

B.Pine 8 S 15° W 36 = 23.76 ft

U.S. B.T.s are gone but I find  
a manufactured B.T. marked  
with a large size scribe

I pass it up as nothing checks.  
with M.C. Anderson for supper  
and overnight

E.B. Horst

306

136-29

806

(3)

Wednesday Nov 15-1916.

Horst with compass chain and notes. Made C Anderson with team and Wagon tools and I.M.'s.

Tobias Bye (Chairman Town Board)  
Sam Arkland (Board member)

We begin setting I.M.'s

at cor. to sees 19 and 30-136-29 and  
sees 24 and 25-136-30 where U.S.

Notes call for post and following B.T.'s

B. Pine. 11 N  $10^{\circ}30' E$  25 = 16.30 ft.

" Pine. 12 N  $52^{\circ}30' W$  20 = 13.20 ft.

" " 12 S  $79^{\circ} W$  65 = 42.60 ft.

" " 10 S  $47^{\circ} E$  34 = 22.40 ft.

I find S.W. B.T. with <sup>25</sup> Marks nearly all cut off I also find stumps and roots of the other B.T.'s which check with notes there are also 5 other B.T.'s marked at this cor.

I find a stake at point for corner and drive a  $2\frac{1}{2} \times 4$  inch capped I.M. with New B.T.'s as follows

Jack Pine stump 7 N  $36^{\circ} E$  53.7 ft. See 19

Jack pine 9 N  $30^{\circ}30' W$  73.5 ft. " 24

Jack Pine 10 S  $56^{\circ} W$  65.3 ft. " 25

" " 10 S  $62^{\circ} E$  37.7 ft. See 30

306  
E.B. Horst.

④ 306 136-29  
Nov 15-1914

This corner is about in centre  
of a cross road +

We drive S on graded road 1/2  
mile and find B.T. to 1/4 cor  
where Notes call for Post and B.T.s

Pine 10 S 82° 30' W 12 = 7.92 ft

" 10 S 44° E 21 = 13.86

S.E. stump is plainly marked

B.T. the mark on S.W. B.T. is  
burned off but blaze shows  
plainly stump check for course  
and distance

I set a 2 x 4 8 inch I.M. with  
New B.T.s

Jack pine 5 S 49° W 55.4 ft

" " 5 E 33.5 ft

We drive S 1/2 mile to cor of  
secs 25-30-31-36 T136R9S29  
and 30 where Govt Notes call for

B.Pine 13 S 19 E 36 = 23.76 ft.

B.Pine 12 S 28 W 22 = 14.52 ft.

B.Pine 10 N 76° 30' W 13 = 8.58 ft.

Aspen 10 N 29° 30' W 23 = 16.50 ft

I find S.E. stump badly burned  
and find a part of stump broken

306

EB Horst.

136-29

Nov 15-1916

306

5

off bearing some scribe marks  
land owners nearby identify the  
position of the other stumps which  
have been grubbed out in road  
building. The points identified  
check with Gort Notes for course  
and distance from this evidence  
I establish corner and set a 2 X  
4 8 inch I.M. with following B.T.s  
J Pine 10 S 53° E 98.0 ft. see 31  
W. Pine stump 18 S 33° W 52.9 ft. see 36

We drive to cor of secs 5-6-31-32 Twp  
135 and 136 Range 29 on Town line  
where County surveyor J. W. Curo  
has established a corner with  
following B.T.s

J Pine 6 N 26° E 21.12 ft. in sec 32  
" " 6 N 36° W 20.30 ft. " 31  
" " 7 S 59° 52' W 36.30 ft. " 6  
" " 7 S 33° 51' E 54.50 ft. " 5

I find all B.T.s which check with  
Curo's Notes perfectly. I also find roots  
of stumps mentioned in his notes  
I set a 2 X 4 8 inch I.M. at true corner

E. B. Horst.

306

⑥ 306'

136-29.

Nov 15-1916

driving 1 M. thru point of wood  
post. I remark Curo's B.T. by  
driving tracks in lower bluffs.  
We drive N one mile to cor  
of sec 29-30-31-32 T136-29

another corner established by  
Curo with following B.T.'s  
(old Govt trees remarked)

B.P. ins 8 N 59° E 65.48 ft.

" " 7 N 75° W 56.76 ft.

" " 8 S 57° W 52.80 ft.

" " 8 S 50° E 44.48 ft.

all check perfectly with Curo's notes  
and U.S. Notes except N.E. and S.E.  
trees which do not check for distance  
with U.S. Notes but pretty close to

The N.E. B.T. has been broken off 2 ft  
high. I remark stump

all other trees are standing as called  
for in Curo's notes

I set a 2x48 inch 1 M. at corner  
established by Curo

we quit for night and drive to  
M.C. Anderson's.

Arkland does not work in P.M.

306

E. B. Horst.

Thursday, Nov. 16-1916.

Horst, Compass and Chain M.C. Anderson  
and Tobias Bize carrying tools and I.M. we  
walk to corner of Secs 28-29-32-33

where Govt Notes call for post and B.T.s

B. Pine 12 N 5° E 90 = 59.40 ft.

" " 10 N 65° W 86 = 56.76 ft.

Spruce 10 S 13° W 31 = 20.46 ft.

Oak 16 S 27° E 42 = 27.72 ft.

all are gone. A Mr Kramp tells us  
where the corner used to set but no  
stumps or trees check any way  
with Govt Notes. so I pass it up  
We walk to corner of secs 21-22-27-28  
where Govt Notes call for post and following

B.T.s S of Pine 10 N 20° E 134 = 88.44 ft

N.P. 16 N 73° W 106 = 69.96 ft.

N.Pine. 10 S 47° W 35 = 23.10 ft.

N.Pine. 14 S 65° E 11 = 7.26 ft.

the spruce is gone the stumps of the  
3 other trees still remain the S.E. and  
S.W. stumps bearing the B.T. badly burned  
a Norway Pine 18 plainly marked and green  
stands N 30° E 88.6 ft from a stake which  
is at point for corner

I set a 2 x 4 8 inch I.M. with New B.T.s

E.P. Horst. 306

306

136-29

46  
26  
7200

Nov 16 - 1916

Norway Pine 18 N 30° E 88.6 ft. <sup>20-22</sup>

Oak 5 N 36° W 50.5 ft. 21

Oak 4 S 38° 30' W 27.2 ft. 20

No trees S.E. in <sup>27</sup>

P.M. - M.C. Anderson takes Team and  
we drive to M.C. No 27 on W side  
of Loon Lake between secs 20 + 29  
where Govt Notes call for

N. Pine. 14 N 59° W 52 = 34.32

N. Pine. 18 S 6° E 47 = 31.02

the S.E. B.T. stands green and plainly  
marked the N.W. B.T. is gone

from the S.E. B.T. Dist cor at 8° 46'  
Yar from center of blaze cor being a  
2 X 4 in 1M. to which I mark New

Bearings N.P. 22 S 6° E 31.02 ft 22 S. B.T.

Norway Pine 4 N 43° 30' W 31.30 ft. <sup>20-22</sup>

We then drive to M.C. No 24 on N.W.  
side of Sibley Lake between secs  
9 and 10 T 136-R 29 on county line  
between Cass and Crowing Counties  
where 22 S. Notes call for Post and  
following B.T.s

B. Pine 12 N 35° E 75 = 49.50 ft.

N. Pine 18 N 82° W 70 46.20 ft.

306

E.B. Horst.

136-29.

(9)

Nov 16-1916

306

I find N.E. B.T. dead but plainly  
marked also find stump of N.W.  
B.T. with B.T. badly burned  
the measurement brings this cor at  
waters edge of lake but the courses  
seem to have been turned from along  
 $13^{\circ}$  Var. at this Var the trees check for  
course and distance I set the cor by  
flat chain setting a 2X4 8 in I.M. and  
remark old B.T.s

at  $8^{\circ}46'$  Var the old trees set as follows

B.P.  $12 N 30^{\circ}15' E 49.50$  ft  $17 S \approx 10$

N.Pine stump  $18 N 86^{\circ}45' W 46.20$  ft

We drive to 1/4 cor between sees 7 and  
18-136-29 where notes call for

B.Pine  $7 N 59^{\circ} E 110 = 72.60$  ft

W.Pine  $28 S 33^{\circ} W 103 = 67.98$  ft

N.E. B.T. has been cleared away in 7  
stump of S.W. B.T. still remains about  
18 inches high with part of B.T. still  
plain <sup>now</sup> from this I set a 2X4 8 in I.M.  
and remark old stump of S.W. B.T.

Fence Post stands N 21.6 ft

Cor being in center of E & W graded road  
quit for night.

E.B. Horst. 306

Friday Nov 17-1916.

Horst, transit and chain  
 made Anderson flag  
 Tobias Bye axe and chain  
 Homer Cochran axe  
 walk to cor of secs 19.24-25-30  
 Twp 136 Range 29 and 30 and  
 begin survey of a Twp road to  
 run E one mile on sec line  
 from point of beginning being  
 the cor to above sec on range line  
 we run E on an old road at  $9^{\circ}55'$   
 Variation

at 1178.1 set temp  $W \frac{1}{4}$  cor

" 1442.0 ft E leave road

" 1600.0 " " set Hub

" 2060.7 " " " "

" 2592.5 " " " " and

look for  $\frac{1}{4}$  cor to sec 19430

Where U.S. Notes call for

N. Pine 10 N  $6^{\circ}E$  22 = 14.52 ft

B. Pine 10 S  $12^{\circ}E$  34 = 22.44 ft

both are gone. We continue  
 our line E.

E. B. Horst.

136-29.

306' (11)

Nov 17-1914

at 3110.0 ft E enter swamp.

" 3314.0 " " set Hub

" 3564.0 " " leave swamp.

" 3757.7 " " set Hub.

" 4500.0 " " " "

" 5007.1 " " " " (I.M.) cor to

secs 19-20-29-30 - 136-29 sets  
to the Right  $23^{\circ}$  - 188.3 ft.

at sta 5180.4 E cor sets S 73.6 ft.

U.S. chain for this mile = 5138.1 ft

one ft U.S. chain = 1.00823 feet metric chain

Correcting back on this mile

$73.6 \div 5180.4 = .0142$  of a foot S for

each foot E. Setting road centers

Hub 5007.1 E goes S 71.10 ft.

" 4500.0 E " S 63.90 "

" 3757.7 E " S 53.36 "

" 3314.0 E " S 47.06 "

44 cor at sta 2578.66 goes S of random  
line 35.76 ft. where we set a 2x48  
inch I.M. (Boiler flue)

Hub 2060.7 E goes S 29.25 ft.

" 1650.0 E " S 22.72 ft.

W 1/6 cor at sta 1187.80 E goes

306'

EP Horst.

(12)

306

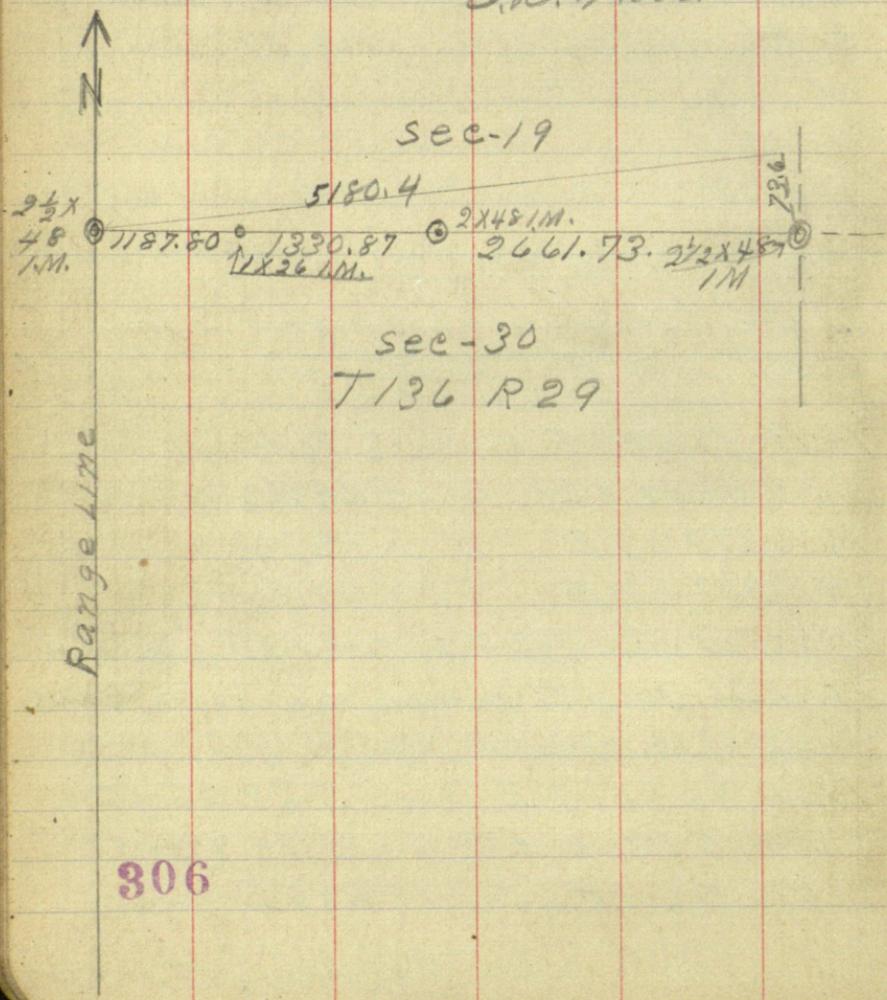
136-29

Nov 17-1916.

S of random line 16.87 ft.  
which concludes this survey.

we quit for night  
Sam Arkland and a man  
whose name I failed to get  
worked since 11 A.M.

E.B. Horst.



306

136-29.

306 13

Sat. Nov 18-1916.

Horst making plats and  
writing notes of survey for Loon  
Lake Town.

P.M. M.C. Anderson with team  
takes me and outfit to Pegasus  
also return 6 A.M. to Pegasus Depot.  
Return to Walker, fare 85 etc.

E.B. Horst.

306

This Indenture Made this \_\_\_\_\_ day of March 1948

between Olds and Olds husband and  
~~OF Cass County, Minnesota~~ parties of the first part  
wife of Cass County, Minnesota

and Normen R. Robinson and Colleen M. Robinson husband and wife of Cass County  
Minnesota, parties of the second part

One dollar and other valuable consideration

In the County of Cass and State of Minnesota To\*wit;

A part of Government Lot (1) Section 16, T 136 Rg 29 being the East 200 feet  
of the south 60 feet of the north 120 feet of said Lot one

Starting at a 2x40 inch iron pipe of the west bank of Lake  
Sibley 11.74 feet west of U.S. Meander Corner No 25 and running thence 90 degree  
90 degrees South 60 feet to the waters edge the place of beginning;  
thence west parallel to the section line 200 feet to an iron monument  
thence 90 degrees South 60 feet to a second iron monument; thence east  
parallel to the section 200 feet to the waters edge of said lake;  
thence north 60 feet to the place of beginning

The land herein conveyed extends east to said lake and contains  
28/100 of an acre more or less. As surveyed and monumented March 24th 1948  
by John W. Curo County Surveyor, Cass County, Minnesota assisted by Harold J.  
Curo, deputy County Surveyor of said County

Together with easement of an unobstructed roadway leading from the  
land herein conveyed to connect with the public highway

All subject to mineral rights and mineral reservations of the State  
of Minnesota and subject to flowage rights if any of record the north boundary  
line of said Lot one (1) is considered a true east and west line in this  
description.

64

South Side Levels on surveyed  
line sec 36 - 141-30

STATION	B.S.	H.I.	F.S.	Inter	Elev
B.M.	0.14	200.14			200.00
50+00				2.62	197.52
49				2.98	197.16
48				6.25	193.89
T.P.			12.40		187.74
	.22	187.96			
47				4.1	183.86
46				8.6	179.86
T.P.			11.38		176.58
	1.00	177.58			
45				5.1	172.0
44				5.6	172.0
42				5.2	172.0
40				5.8	172.0
39				5.7	172.0
T.P.			0.57		177.01
	11.07	188.08			
38				7.6	180.48
T.P.			0.75		187.33
	11.99	199.32			
36				11.1	188.0
35				6.4	193
34				3.9	195
33				9.0	190 OK

B.M. at S.E. Cor 36.

enter marsh

leave marsh

66

South side

STATION	BS	HI	FS	Inter.	Elev
	11.99	199.32			
T.P.			11.50		187.82
	.62	188.44			
32				5.7	183.
31				11.3	177.
T.P.			11.22		177.22
	2.48	179.70			
30				4.9	175
29				4.9	175
28				2.8	177
27				2.1	177
T.P.			.39		179.31
	5.76	185.07			
26				3.9	181.
25				4.4	180.5
24				4.4	180.5
T.P.			1.80		183.27
	12.34	195.61			
				5.02	190.59
22				7.00	188
21				9.7	185
20				5.0	190
19				2.6	193.0
18				4.0	191.
T.P.			11.10		184.51

OK.

Marshy & willows

B.M. set on Pop stump

68

## South side

STATION	B.S.	HI	FS	Inter	Elev
	.36	184.87			184.51
16				3.0	182.
15				4.0	181.
14				13.5-	171.
13				19.0	165.87
12				18.0	166.87
T.P.			12.23		172.64
	0.0	172.64		<del>7.0</del>	
11				7.2	165
10				6.6	166
			0.30		172.34
	9.51	181.85-			
9				8.7	173
8				2.0	179.8
7				7.2	174.6
6				16.0	165.8
T.P.			12.0A		169.81
	0.08	169.89			
5-				7.0	162.9
4				11.0	168.9
T.P.			11.95-		157.94
	0.46	158.40			
3				3.7	154.7
2+20				7.2	151.2
2				7.2	151.2

edge of marsh

70 South Side & Beginning West Side

STATION B.S. HI F.S. Inter Elev

158.40

0+0

7.2 151.2

Going West from Baldwin's Random

0+60

3.9 154.5

1

5.2 153.2

1+50

11.4 147.0

9.96 148.44

8.

B.M. 4.20 152.64 going North

1

5.2 147.4

2

5.4 147.2

2+40

4.6 148.

T.P.

.13 152.51

11.30 143.81

3

8.0 155.0

T.P.

.18 143.63

11.71 175.34

T.P.

1.16 174.18

11.79 185.97

4

8.8 177.1

5-

8.0 178.

T.P.

0.90 185.07

12.43 197.50

6

10.7 187.

7

6.5 191.

8.

2.0 195.

B.M. S.W. Cor Sec 36

72 STA	BS	HI 197.50	FS	Inter	Elev
9				1.2	196.3
10				2.5	195.0
T.P.			2.55		194.95
	7.72	202.67			
11				7.9	195
12				7.0	195
13				7.3	195
14				7.5	195
16+40				7.0	195
17				5.0	197
18				3.3	199
18.36				3.9	199
20				4.1	198
20+30			?		
T.P.			0.07		202.60
	10.17	212.77			
23				3.6	209.
24				9.2	203.5
T.P.			11.48		201.29
	.13	201.42			
25				10.0	191.
26				19.0	182.
T.P.			9.37		192.05

enter meadow

leave "

enter meadow

leave "

BM At  $\frac{1}{4}$  cor W side 36

74

## West Side

STA	BS	HI	FS	Inter	Elev.
B.M.					192.05
	3.71	195.76			
2760				1.8	194.
28				7.0	188.
T.P.			12.14		183.62
	1.06	184.68			
T.P.			12.29		172.39
	.60	172.99			
29				4.0	169
T.P.			12.41		160.58
	2.29	162.87			
29.60				7.0	154
32+40				7.0	156
33.				5.0	158
34				1.8	161
T.P.			.98		161.89
	12.38	174.27			
35				3.0	171
T.P.			1.70		172.57
	5.42	177.99			
36				4.4	173.5
37.				5.0	173
38				7.0	170.0
39				2.0	176
T.P.	<del>.30</del>		.30		177.69

enter meadow  
leave

level of Ry grade

76

West Side

STA.	B.S.	HI	I.S.	Inter	Elev
					177.69
	9.64	187.33			
40				5.7	182
40+60				3.0	184
41				5.6	182
42				3.4	184
42+5				8.0	179
43				8.0	179
44				5.0	182
T.P.	12.38		.24		187.08
	12.38	199.47			
46				13.0	186
47				13.0	186
48				8.4	191
49				4.0	195
50				8.6	197
T.P.			.23		199.24
	5.02	204.26			
51				4.5	210
52				4.0	210
				4.58	199.05
52+80				6.00	198
T.P.			5.94		198.32

OK

narrow meadow

B.M. at N.W. cor 36

78

## North Side

STA.	B.S.	HI	F.S.	Inter	Elev
					198.32
	Running East from N.W. Cor 36-14				-30
	10.44	208.66			
1				9.5	197.
2				8.3	210
3				5.0	203
4				2.3	206
T.P.			.69		208.07
	6.35	214.42			
5				5.0	209.
6				5.0	209
7				4.0	210
8				6.7	208
T.P.			12.23		202.19
	.15	202.34			
T.P.			12.35		189.99
	0.00	189.99			
9				9.0	181.
10				8.0	182.
11				7.0	183.
12				12.0	178.
T.P.			12.09		177.90.
	5.71	183.61			
13				8.00	175.6
14				6.4	177.
				ca.	

80

## North Side

Sta.	B.S.	HI	I.S.	Inter	Elev
15		183.61		5.2	178.4
16				2.0	181.6
T.P.			0.19		183.42
	8.24	191.66			
17				4.0	187.7
T.P.			.24		191.40
	11.85	203.25			
18				5.0	178
18+40				2.3	201
19				5.0	178
20				7.5	176
20+40				7.5	176
21				0.0	203
T.P.			0.05		203.20
	11.60	214.80			
22				7.0	208
23				4.0	211
24				1.0	214
			0.56		214.24
	4.39	218.63		6	
25				6.4	212
26				4.0	214
				7.30	211.33
27				8.6	210
28				10.7	208

3 B M at  $\frac{1}{4}$  cor N side 36

82

## North Side

STA	BS	HI	F.S	Intot
29.		218.63		1.0 217.7
T.P.			1.20	217.43
	3.82	221.25		
30				4.5- 217
31				7.5- 214.
32.				12. 209
<sup>33</sup> 34				17 207
				76 205-
35				8.5- 213
T.P.			.12	221.13
	1.95	229.08		
36				6.00 223
37				<del>8.00</del> 5.00 224
38				8.00 221.
39				9.00 225-
40				7.00 222
T.P.	12.4		12.47	216.61
	.26	216.87		
41				4.00 212.8
42				N.O 205.8
43				9.5- 207.
T.P.			9.12	207.75
	1.96	209.71		
44				4.0 205.7
45-				2.8 207
46				14.0 195.7

OK

84.

## North Side v East Line

STA	BS	HI	F.S	Int	RI
47		209.71		11.4	198.
T.P.			12.24		197.47
	1.6	198.07			
48				8.0	191
52				8.0	191
52+90				5.0	194
T.P.			7.66		191.41
	form results				
	6.70	198.11			
0+60				8.00	190
5+60				7.5-	191
6-				0.5-	198
T.P.			0.02		198.09
	11.26	209.35			
7.				about	191
8.				9.0	210
8+40				2.0	207
10				17.0	192
T.P.			11.87		197.48
	2.68	200.16			
11				7.6	192.5
12				10.00	190
13				9.0	191
14				4.5	196
15				19.00	190
					OK.

enter meadow

leave "

edge of meadow

leave "

same as other meadow

edge of meadow

leave meadow

in meadow

86

## East Line

STA	BS	HI	FS	Int	
		200.16		8.00	192.16
16				5.00	195
17				4.5	195
18				3.5	197
T.P.			0.60		198.56
	11.56	210.12			
19				10.5	201
T.P.			0.09		211.03
	8.72	219.75			
20				2.5	217
21				3.5	216
22				4.5	215
23				5.0	215
T.P.			12.06		207.69
	.41	208.10			
24				13	195
25				15	193
26				12	196.41
T.P.			.98		207.12
	7.36	217.48			
27				7.00	207
28				2.6	212
29				8.0	206
30				12.00	202
31				6.0	208

OK.

Ry grade

88	East Line				
STA	Bs	HI	FS	Enter	Elev
32		214.48		6.4	208.
T.P.			6.20		208.28

Monday  
2.06 200.34

33				6.4	204.
34				9.0	201.
35-				4.0	206.
36				1.5	209.
T.P.			1.58		208.76
	6.59	215.35			
37				7.0	208.
37.50				11.5	204
38				10.5	205-
39				3.0	212
40				10.0	205-
41				13.0	202
42				5.0	210
43				5.0	210
T.P.			5.33		210.02
	0.56	200.58			
44				5.0	210.6
			12.11		198.47
	0.27	198.74			
45-				4.0	194.7

STATION	East Line BS	HI	V NYS PS	1/4 Line Inter	E
		198.74			
46				7.0	192
47				9.0	190
47+25				11.0	187.7
50				9.0	190
51			6.15	6.0	193
T.P.			5.90		192.83
	9.57	202.41			
52				7.00	195
				2.91	199.50
B.M.	1.79	192.38	going N		190.59
1				4.3	188
2				9.4	183
3				7.0	185
4				1.3	191
T.P.			0.10		192.28
	11.80	204.08			
5				8.5	196
6				8.7	195
7				5.0	199
8				4.0	200
9				2.0	202
T.P.			0.23		203.85
	3.01	206.84			

enter meadow  
lean meadow

B.M.

98

NYS 1/4 line

STA	BS	HI	FS	Inter	E
10		206.86		5.0	207
11				5.5	201
12				13.0	193
T.P.			12.24		194.62
	0.17	194.79			
13				6.0	189
T.P.			12.06		182.73
	2.29	183.02			
14				12.00	173
T.P.			11.72		173.30
	0.14	173.44			
15				7.59	145.85
	8.10	173.95			
22				7.80	146
23				7.8	146
24				7.4	146
25				5.0	169
26				1.0	170
				0.95	173
T.P.			1.26		172.69
	10.26	182.95			
27				9.3	174
28				5.0	178
29				1.5	181
			0.27		182.68

ice in lake

B.M.

94

NYS 1/4 line

STA	BS	HI	FS	Inter	E
	8.67	191.35			187.68
30				4.6	187
31				4.0	187
32				6.0	185
33				7.5	184
34				6.2	185
35				2.5	189
T.P.			1.00		190.35
	11.31	201.66			
Grade				7.00	194
36				4.00	197.6
T.P.			0.30		201.36
	12.19	213.55			
37				6.0	207.5
T.P.			0.24		213.21
	12.28	225.49			
38				12.00	213.5
39				6.00	219.5
40				4.50	221
41				4.7	221
42				4.0	221.5
T.P.			0.50		224.99
	2.90	227.89			
43				3.0	225.
44				5.0	223.

96	N 75 1/4 Line &	EVW 1/4 Line		
STA	BS	HI	FS	Incor E
		227.89	12.30	215.59
	1.35	216.94		
45				5.00 212.
45+40				17.00 210
			11.80	205.14
	9.76	214.90		
50+20				
51				10.00 205
52				5.5 209
				3.32 211.58
B.M.	0.35	192.40	joining E	192.05
T.P.			.07	192.33
	11.63	203.96		
T.P.			.67	203.29
	12.43	215.72		
1				12.00 195
2				6.0 209
T.P.			0.56	215.16
	7.38	222.54		
3				2.0 220
4				3.0 219
5				7.0 215
6				5.0 217

OK.

Summary

Leave Summary

B.M. (211.33) On other Line of Levels

98

## E/W 1/4 Line

STA	BS	HI	FS	Inter	Elev
7		228.54		5.0	217
T.P.			12.12		210.42
	.80	211.22			
8				12.0	199
T.P.			12.17		199.05
	1.07	200.12			
T.P.			12.32		189.80
	.32	188.12			
9				3.0	185
T.P.			12.23		175.89
	.25	176.14			
11				19.00	157
14				16.0	140
15				2.0	174
T.P.			0.40		175.74
	12.42	188.16			
16				8.0	180
T.P.			.17		187.99
	6.18	194.17			
17				5.0	189
18				3.0	191
19				3.0	191
20				8.0	186
T.P.			12.08		182.09
	0.40	182.99			

enter meadow

100

E &amp; W 1/4 Line

STA	BS	HI	FS	Inter	Elev
		182.49			
22				9.0	173
23				13.0	170
24				16.0	166
25				16.0	166
26				13.0	169
27				9.0	173
28				4.0	178
T.P.			3.70		178.79
	6.07	184.89			
29				2.5	182
30				8.0	176
T.P.			12.25		172.61
	10.71	183.32			
31				14.0	169
32					
33				16.5	167.2
36				"	167
37				9.0	174
T.P.			1.44		181.88
	11.30	193.18			
38				8.0	183
39				14.0	182
40				15.5	178
41				8.0	185

1  
open meadow

2  
lean meadow

3  
|

102

## E &amp; W 1/4 Line

STA.	BS	HI	F.S	Inter	Elev
		193.18			
42				6.0	187
43				10.0	183
44				14.0	179
45				17.0	176
46				13.0	180
47				5.5	188
T.P.			0.13		193.05
	12.17	205.22			
48				8.0	195.0
T.P.			0.15		205.07
	11.77	216.89			
49				4.5	212
50				4.5	212
51				13.0	203
T.P.			12.15		224.69
	0.99	205.68			
52				14.0	194.7
T.P.			1042		195.26
	7.68	202.94			
				7.1	195.84

Traverse of old Ry Grade  
 Westward from P.I. of Random  
 range line & grade  
 dipping south and  
 turn to right from Random P.C.

Angle 96.05 R 1200.0

1°30' L 400.0

13°20' L 324.0

10°26' L 476.0

9°33' R 216.0

8°43' R 243

9°22' R 200.0

30°27' R 10.00

0°45' L 7.20

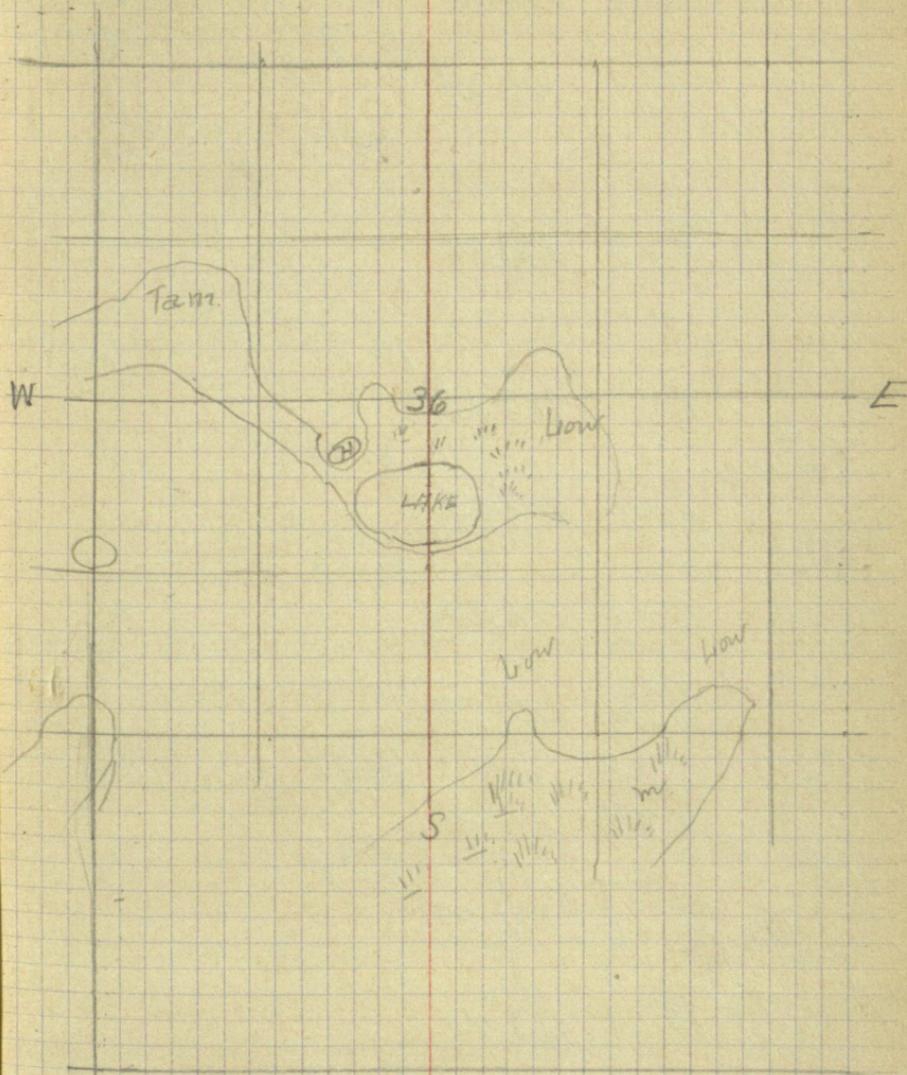
11°23' L 2.00

11°57' L 484

76°56' L To west section  
 line

crossed  
 1/2 line

26 on west line



106

S.T.A.	B.S.	HI	F.S.	Intor	Elev
ice on	12.06	173.10			161.04
T.P.			0.19		172.91
T.P.	9.73	182.64			
			<del>11.2</del>	1.63	
T.P.			11.2		171.44
	7.13	178.57			
1				7.65	
T.P.			10.00		168.57
	5.25	173.82			
T.P.			5.37		168.45
	6.58	175.03			
T.P.			3.32		171.71
	9.29	181.00			
T.P.			5.23		175.77
	5.16	180.93			
T.P.			5.48		175.45
	6.86	182.31			
T.P.			3.28		179.03
	12.04	191.07			
T.P.			0.58		190.49
	10.21	200.70			
			0.70		200.00

OK.

Stocking Lake

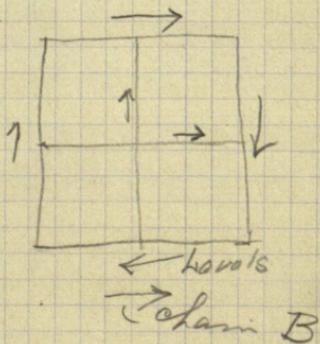
Grade

Meadow south of grade

ice in first lake south of camp

ice in second lake

B.H. 200.00



108

STA	B.S.	HI	F.S.	Inter	Elev
B.M.	4.08	132.52			148.44
TP			5.71		146.81
T	4.96	151.77			
			8.30		143.47

BM S.W. Cor 36

ice in Little West Lake

$$\begin{array}{r} 31 \\ \underline{2} \\ 186 \\ \underline{20.46} \end{array}$$

42  

$$\begin{array}{r} 6 \\ \underline{252} \\ 252 \\ \underline{27.7} \\ 22.46 \end{array}$$

65  

$$\begin{array}{r} 6 \\ \underline{250} \\ 250 \\ \underline{42.46} \\ 106 \\ \underline{636} \\ 636 \\ \underline{2996} \end{array}$$

134  

$$\begin{array}{r} 6 \\ \underline{804} \\ 804 \\ \underline{5844} \\ 86 \\ \underline{576} \\ 576 \\ \underline{2996} \end{array}$$

132  

$$\begin{array}{r} 132 \\ \underline{1452} \end{array}$$

35  

$$\begin{array}{r} 4 \\ \underline{518} \\ 210 \\ \underline{2310} \end{array}$$

13  

$$\begin{array}{r} 6 \\ \underline{78} \\ 78 \\ \underline{858} \end{array}$$

47.52  

$$\begin{array}{r} 6 \\ \underline{282312} \\ 252312 \\ \underline{51023482} \end{array}$$