

by Meagher
Ray Lakelbirk Area

~~58-25~~

58-25

57-26

59-24

CCC 37

EUGENE DIETZGEN CO.

DRAWING MATERIALS, MATHEMATICAL and SURVEYING INSTRUMENTS
Chicago New York San Francisco New Orleans Pittsburg Toronto

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

Roadway 16 feet wide. Side Slopes 1 on 1.

For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	0
1	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	1
2	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	2
3	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	3
4	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	4
5	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	5
6	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	6
7	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	7
8	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	8
9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	9
10	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	10
11	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	11
12	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	12
13	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	13
14	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	14
15	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	15
16	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	16
17	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	17
18	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	18
19	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	19
20	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	20
21	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	21
22	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	22
23	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	23
24	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	24
25	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	25
26	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	26
27	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	27
28	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	28
29	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	29
30	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	30
31	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	31
32	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	32
33	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	33
34	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	34
35	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	35
36	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	36
37	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	37
38	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	38
39	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	39
40	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 30.6. For same slopes but other widths of roadbed, correct above figures by one-half difference in width of roadbed; thus in example above, for 20 ft. roadbed distance will be $30.6 + (20 - 16) \div 2$ or 2 ft. added to 30.6 = 32.6. For slopes of 1 on 1 1/2 see inside of back cover.

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E. Meagher

3 C
 $\sqrt{1.48}$
 1.35
 1.08

Scanned
 9-17-12
 Ronney

LINEAL SURVEY NOTES
DAY LAKE WORK AREA
ITASCA COUNTY MINN.
by
ERVIN MEAGHER

134
 81 5.25 40
 6.32 30
 5 1.56 40
 2.94 intersect S. 1/2 line
 0.17. 86. West #1 1/2 C

6.40 leave cedar swamp enter b.b.
 6.6 2.9 intersect 1/2 line of 1339 E
 6.6 9.0 of 4.0

4.52 leave swamp 4.5
 7.4 leave b.b. 13.4 30
 13.4 3.0 enter road 9.15
 18.70 intersect 1/2 line
 20.85 intersect 1/2 line at 2.0
 meet #2 1/2 11.5 13.45

2.83 enter 4.30
 6.06 cross track 7.75
 10.35 enter N 1/2 7.75
 14.75 cross 7.75
 18.40 enter 7.75
 19.77 intersect N. S. 1/2 line 7.75
 E cross 7.225

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.
 Roadway 16 feet wide. Side Slopes 1 on 1 1/2
 For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.2	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4	0
1	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.9	1
2	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.4	2
3	12.5	12.7	12.8	13.0	13.1	13.3	13.4	13.6	13.7	13.9	3
4	14.0	14.2	14.3	14.5	14.6	14.8	14.9	15.1	15.2	15.4	4
5	15.5	15.7	15.8	16.0	16.1	16.3	16.4	16.6	16.7	16.9	5
6	17.0	17.2	17.3	17.5	17.6	17.8	17.9	18.1	18.2	18.4	6
7	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.6	19.7	19.9	7
8	20.0	20.2	20.3	20.5	20.6	20.8	20.9	21.1	21.2	21.4	8
9	21.5	21.7	21.8	22.0	22.1	22.3	22.4	22.6	22.7	22.9	9
10	23.0	23.2	23.3	23.5	23.6	23.8	23.9	24.1	24.2	24.4	10
11	24.5	24.7	24.8	25.0	25.1	25.3	25.4	25.6	25.7	25.9	11
12	26.0	25.2	26.3	26.5	26.6	26.8	26.9	27.1	27.2	27.4	12
13	27.5	27.7	27.8	28.0	28.1	28.3	28.4	28.6	28.7	28.9	13
14	29.0	29.2	29.3	29.5	29.6	29.8	29.9	30.1	30.2	30.4	14
15	30.5	30.7	30.8	31.0	31.1	31.3	31.4	31.6	31.7	31.9	15
16	32.0	32.2	32.3	32.5	32.6	32.8	32.9	33.1	33.2	33.4	16
17	33.5	33.7	33.8	34.0	34.1	34.3	34.4	34.6	34.7	34.9	17
18	35.0	35.2	35.3	35.5	35.6	35.8	35.9	36.1	36.2	36.4	18
19	36.5	36.7	36.8	37.0	37.1	37.3	37.4	37.6	37.7	37.9	19
20	38.0	38.2	38.3	38.5	38.6	38.8	38.9	39.1	39.2	39.4	20
21	39.5	39.7	39.8	40.0	40.1	40.3	40.4	40.6	40.7	40.9	21
22	41.0	41.2	41.3	41.5	41.6	41.8	41.9	42.1	42.2	42.4	22
23	42.5	42.7	42.8	43.0	43.1	43.3	43.4	43.6	43.7	43.9	23
24	44.0	44.2	44.3	44.5	44.6	44.8	44.9	45.1	45.2	45.4	24
25	45.5	45.7	45.8	46.0	46.1	46.3	46.4	46.6	46.7	46.9	25
26	47.0	47.2	47.3	47.5	47.6	47.8	47.9	48.1	48.2	48.4	26
27	48.5	48.7	48.8	49.0	49.1	49.3	49.4	49.6	49.7	49.9	27
28	50.0	50.2	50.3	50.5	50.6	50.8	50.9	51.1	51.2	51.4	28
29	51.5	51.7	51.8	52.0	52.1	52.3	52.4	52.6	52.7	52.9	29
30	53.0	53.2	53.3	53.5	53.6	53.8	53.9	54.1	54.2	54.4	30
31	54.5	54.7	54.8	55.0	55.1	55.3	55.4	55.6	55.7	55.9	31
32	56.0	56.2	56.3	56.5	56.6	56.8	56.9	57.1	57.2	57.4	32
33	57.5	57.7	57.8	58.0	58.1	58.3	58.4	58.6	58.7	58.9	33
34	59.0	59.2	59.3	59.5	59.6	59.8	59.9	60.1	60.2	60.4	34
35	60.5	60.7	60.8	61.0	61.1	61.3	61.4	61.6	61.7	61.9	35
36	62.0	62.2	62.3	62.5	62.6	62.8	62.9	63.1	63.2	63.4	36
37	63.5	63.7	63.8	64.0	64.1	64.3	64.4	64.6	64.7	64.9	37
38	65.0	65.2	65.3	65.5	65.6	65.8	65.9	66.1	66.2	66.4	38
39	66.5	66.7	66.8	67.0	67.1	67.3	67.4	67.6	67.7	67.9	39
40	68.0	68.2	68.3	68.5	68.6	68.8	68.9	69.1	69.2	69.4	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 41.9. For same slopes but other widths of roadbed correct above figures by one-half difference in width of roadbed; thus in example above for 20 ft. roadbed distance will be 41.9 + (20 - 16) ÷ 2 or 2 ft. added to 41.9 = 43.9. For slopes of 1 on 1 see inside of front cover.

1
8-27-34 T. 58 N. R 26 W

N. from Sec. cor. 15-16-21
#22 - bet. Sec. 15 & 16 var
6° 15' M.K.D. stake every
2 chs.

40.00 Marked stake, Failed
to locate $\frac{1}{4}$ cor.

55.03 intersect logging which
hrs N-W & S. E

8-28-34

66.60 intersect highway #38

69.70 leave " "

80.00 Marked stake

Found U.S.F.S. poster
on 4 IN ASPEN on highway
(Remarks - Land hill)

Soil good - also rocky

Second growth aspen

& Birch

E. from Sec. cor. 9-10-15
#16 bet. 10-15 var. 6° 15'

5.15 enter small spruce
swamp.

7.85 leave same

2
10.20 enter alder & ash swamp

12.73 leave " " "

16.45 to old survey line parallel
with our line var. 15°

26.00 enter burned over area

27.13 intersect old logging road

Returned and found
cor. stake for Sec. cor.

of 9-10-15 & 16 at 79.48 N.

#81-1ks W. of line, stake is

4 IN. N. pine 3 feet high broke
off and laying on ground

Set 4 IN ASPEN 3 feet high

placing old stake against
same B.T. 7 IN. N. pine stump

N. 8° E. Dis 16-1ks 14-IN. N.

pine stump S. 60° W. Dis. 11-1ks

8-29-34

34.65 leave burned over area

and enter cedar & ash

38.00 leave " "

42.00 intersect logging road

75.35 to W. bank of Lake

80.63 to E. bank of Lake

80.98 intersect N & S. Line
1.46 chs. S. of Sec. cor.
10-11-14-15, this app. cor.
established by perry

Post → E. from Sec. cor. 10-11-14-15
bet. 11-14 var. $6^{\circ}15'$

9.75 enter Cedar Swamp
brs. N & S.

8-30-34

13.45 leave Cedar Swamp

34.43 intersect logging road
30-1ks S. of our line is
a small Lake brs N-W
& S.E.

40.00 Marked stake

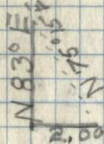
79.50 Run " for Sec
cor 11-12-13-14 - unable
to find any evidence
of old cor.

Remarks Land rolling
second growth aspen
& Birch

8-31-34

E. from App. Sec. cor of
11-12-13-14 bet. 12-13 var. 7°

34.50 to small Lake (FLY)



54.66 to E. bank of Lake

72.00 enter Large open Swamp
brs. N & S.

78.00 intersect per. to sec. cor
12-13-7 & 18. Cor. post is
150 1ks S. of our line. It
is a 4 in. aspen 3 feet
high. 1 1/2 in. iron pipe 18 in.
high No B.T. this is a
resurveyed cor.
placed U.S.F.S. poster on
on 4 in. aspen S. 41° E
Dis. 2 1/2 kS

250

9-4-34. T58N. R25W.

E. from Sec. cor. 12-13

7 & 18 Var. 50°

19.50 leave swamp

20.75 $\frac{1}{16}$ cor. which is a
4 in. aspen 3 feet
high $1\frac{1}{2}$ in pipe 4 in. high
9-5-34

23.00 enter open swamp
bfs. N & S.

36.80 leave same

38.17 to M.C. on W. bank
of spider Lake

post is a 4 in. aspen
3 feet high
 $1\frac{1}{2}$ in. iron pipe
6 in. high

52.66 to M.C. on E. bank of
spider Lake

55.60 leave alder swamp
which borders Lake

60.24 $\frac{1}{16}$ cor. which is
a 4-in. aspen 3 feet
high $1\frac{1}{2}$ in. iron pipe
6 in. high

71.52 intersect SMITH LAKE
truck trail

78.63 to M.C. on W. bank of
Ruby Lake.

M.C. is a 5 in. aspen
 $2\frac{1}{2}$ feet high

$1\frac{1}{2}$ in. iron pin, 6 in.
high.

B.T. 1-8-in. W. Birch
N. 20° W. Dis. 20 Ks

placed U.S.F.S. poster

on 8 in. W. Birch B.T.
S. 63° W. Dis. 14-1 Ks

REMARKS.

Land level. Second
growth aspen &
Birch, hazel under-
brush soil 1st. rate

Corrected

38.17

312616
3817
4499

9-6-34 T 58 N. R 26 W.

Sec. 15

$\frac{1}{4}$ cor. of 15-22 is
134 IKs N. of E-W
transit line

post. 5 in. W. Birch
3 feet high.

B.T. 12 in. W. pine S. 65°
E. Dis. 93 IKs

11 in. N. pine
S. 17° W. Dis 92 IKs
N. bet $W\frac{1}{2}$ - $E\frac{1}{2}$ of
Sec. 15 var. $6^\circ 15'$

8.80 enter spruce &
cedar swamp

14.00 leave same

42.00 to small cir. pond

44.80 leave same and cont.
in small spruce

9-7-34

58.50 leave same

77.45 intersect logging road

78.56 " " E & W. line

Set. app. $\frac{1}{4}$ cor. of Sec.

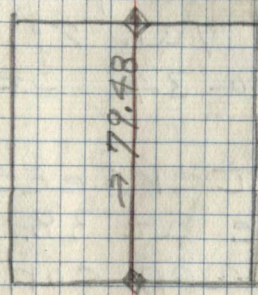
10-15 - 4 in. aspen post
3 feet high

Copied

Copied

50 IKs E of N-S line and
92 IKs N. of E-W line
placed U.S. F.S. poster
on 10-IN. Balsam
N 40° E. Dis. 10-1Ks

Land hilly second growth
Balsam, Maple and Birch
Soil good



Sec. 15



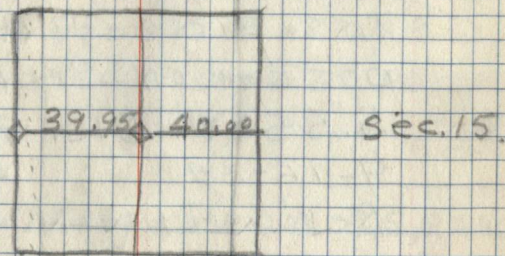
Set App. $\frac{1}{4}$ cor. of
 Sec. 15-16 at 39.74
 and 41-1/2 Ks E. of line
 4 in. aspen post 3
 feet high, placed
 U.S.F.S. poster on
 8 in. aspen S. 60' W
 Dis. 48-1 Ks
 E. from $\frac{1}{4}$ cor. of Sec.
 15-16 var. 7°
 9-10-34 Sec. 15

39.95 INTERsect N-S.
 line at 38.89
 Set app. cor. for
 center of Sec. 15
 at 39.76. post is
 4 in. Balsam 3 feet
 high, placed U.S.F.S.
 poster on 8 in. Balsam
 N. 32° W. Dis. 17-1 Ks
 E. from center of Sec
 15. var. 7° 15'

13.91 to W. bank of Lake
 16.33 to E. " " "

25.42 enters spruce and
 tam prs. N-S,
 28.52. leave same

40.47 INTERsect N & S. Sec
 line at 42.15
 Set app. $\frac{1}{4}$ cor. of Sec
 14-15 at 40.00 N,
 and 47 1/2 KSW Set 3 in
 aspen 3 feet high
 placed U.S.F.S. poster
 on 5 in. Balsam
 N. 13° E. Dis. 1.36 ahs.
 Soil fair, hills second
 growth aspen & Birch



✓
 100

9-11-34 T58 N, R26 W
N. from sec. cor. 9-10-
15-16 var. $6^{\circ}15'$

22.92 intersect highway #38
31.73 " " " "

40.00 Marked stake

54.60 intersect per. to
M.C. on Caribou Lake
M.C. is 1.71 chs E.
of our line M.C. is a
4 in N. pine 3 feet high
this is a resurveyed cor.

Found 1 old B.T. that
was made by the old gov.

survey. (14 in W. pine
stump S. 68° W. Dis. 24

1ks placed U.S.F.S
poster on 8 in N. pine
S. 55° W. Dis. 47 1/2 k

9-12-34

Rerun line N. from sec.
cor. 9-10-15-16 var. $4^{\circ}30'$

24.54 intersect highway #38

54.62 to M.C. 26-1ks W. of
stake.

Second Birch and Maple
Soil poor - Land hilly rocky
Hazel underbrush

12
T58 N, R26 W 4th-Mer.
established app. 1/4 cor. to sec.
9-10 at 40.26 & 13 1/2 k E.
3 in W. Birch 3 feet high
placed U.S.F.S. on 4 in W. Birch
N. 81° W Dis. 31-1ks

9-13-34

N. from 1/4 cor. sec. 10-15
var. $5^{\circ}30'$

16.95 enter spruce swamp

19.89 hrs. E. & W.
leave same

34.44 enter small alder swamp
35.90 leave " " "

9-14-34

44.26 intersect old logging
road which runs to lake

79.20 intersect E & W line
at 4.88 chs E. of app.
cor. established by Perry
is also .67 1ks N. of E-W
line

Second growth aspen
Birch and scattered
N. pine, soil in rate
Land hilly

copied

T58N, R26W Sec 10

E. from $\frac{1}{4}$ cor. of
Sec. 9-10, var, $6^{\circ}15'$

6.59 to W. bank of Caribou
Lake

24.50 to E. bank
9-18-34

38.44 intersect N-S line
at 38.94 N. of $\frac{1}{4}$ cor.

42.00 intersect logging
road

63.40 enter alder, spruce
and tan. swamp

69.48 leave same

78.18 intersect N-S. Sec.
Line 35-1Ks S. of
2640 mark

Set App. $\frac{1}{4}$ cor. at

2640 N. of sec. cor.

cor. post for $\frac{1}{4}$ cor. of

Sec. 10-11 - is a 4 in

aspen 3 feet high

placed U.S.F.S. poster

on 7-in. aspen

S. 73° W. Dis. 10-1Ks

Copied

Set cor. for center of
Sec. 10 at 2.44 chs W
and 44-1Ks N. of line
intersection
cor. post 4" x 2'-6" high
placed U.S.F.S. poster
on 8" N. pine S. 1° W
dis. 60-1Ks
Land hilly second
growth aspen, Birch
and Balsam

~~Copied~~

75°

9-19-34 Sec 11.
 T58 N. R26 W 4th Mer
 E. from App Sec. cor
 2-3-10-11 - bet Sec. 2-11
 var. 6°15'

0.90 intersect N-S. Line
 30 IKS S. of 5280' Mark
 30.00 enter a der spruce
 brs. N, W. & S, E
 34.10 leave same
 38.80 to point of lake
 42.21 to $\frac{1}{4}$ cor. is 3-IKS
 N. of four line
 cor. established by
 perry

9-20-34
 offset $\frac{1}{4}$ cor. Sec.
 2-11-2.29 chs. S.
 to old line, and
 Rechaind E.

11.42 enter cir. Spruce
 and tam. Swamp
 13.80 leave same
 40.00 intersect N-S. line
 41.21 " " app. Sec.
 Cor. 1-2-11-12 R3
 IKS. S. of cor

Land hilly soil 2nd
 rate and sand
 Second growth aspen
 and Birch.

S. from App. Sec. 1-2-11-12
 bet. 11-12 var. 6°15'

40.00 enter spruce & tam
 brs. N, W. & S, E.
 Failed to locate $\frac{1}{4}$ cor.

9-21-34

53.85 leave SWAMP
 78.84 intersect E-W. line
 at 198 IKS. E. of MKd
 stake for cor. of Sec
 11-12-13-14
 Set app. Sec. cor. of
 11-12-13-14 - 3.13 chs
 W. of N & S. line &
 75 IKS of E. & W. line
 cor. post is a 3" aspen
 3' high placed U.S.F.S
 poster on 5" aspen
 N. 3° E. dis. 68-IKS

Cor. 11-12-13-14

Land hilly-soil
Sandy second
growth h ASPEN
& Birch.
9-25-34

Traverse of Smith
Lake Truck Trail

S. 77° E	Dis	10.00
S. 63° E	"	4.00
S. 78° E	"	6.00
N. 37° E	"	4.00
N. 29° E	"	12.00
N. 50° E	"	2.00
N. 61° E	"	12.00
N. 74° E	"	3.00
N. 52° E	"	3.05
S. 68° E	"	3.00
N. 63° E	"	3.00
N. 49° E	"	16.00
N. 60° E	"	6.05
N. 88° E	"	4.00
S. 74° E	"	6.00
S. 49° E	"	4.00
S. 22° E	"	6.00
S. 70° E	"	1.81

Intersect S. line at 31.46

N. from Sec. cor. 9-16-15
and 16 58-25

N. 86° E	Dis	4.19
N. 88° E	"	4.00
S. 78° E	"	4.00
S. 71° E	"	3.00
N. 77° E	"	3.00 MKD
S. 85° E	"	2.00 Stake
S. 74° E	"	4.00
Total		31.00

to Burrows trail
Traverse of Burrows trail

S. 22° E	Dis.	1.50
S. 65° E	"	2.00
S. 50° E	"	2.00
S. 68° E	"	6.00
S. 80° E	"	2.50
S. 85° E	"	4.00
N. 88° E	"	4.00
S. 84° E	"	1.00
N. 83° E	"	2.00

S. 85° E	DIS	1.00
S. 57° E	"	1.25
S. 37° E	"	2.00
S. 23° E	"	2.00
S. 31° E	"	2.00
N. 88° E	"	2.00
N. 55° E	"	4.00
N. 40° E	"	2.00
S. 84° E	"	2.00
S. 76° E	"	2.00
S. 89° E	"	2.00
S. 78° E	"	3.00
S. 73° E	"	3.00
N. 88° E	"	2.00
S. 62° E	"	2.50

Total 57.25
to pearsons road

9-26-34
Traverse of pearson
road from Buttrows
trail

S. 14° E DIS 3.85

S. 10° W	DIS	8.00
S. 38° W	"	4.00
S. 9° E	"	6.00
S. 60° E	"	3.00
S. 83° E	"	3.00
S. 72° E	"	4.00
S. 50° E	"	2.00
S. 6° E	"	5.00
S. 45° W	"	4.00
S. 30° W	"	2.00
S. 8° E	"	10.00
S. 13° W	"	4.00
S. 1° E	"	6.00
S. 24° W	"	6.00
S. 9° W	"	8.00
S. 3° E	"	4.00
S. 5° W	"	5.50
S. 12° W	"	6.00
S. 10° E	"	7.00

Total 101.35

Intersect Sec. line bet
15-22 at 64.36 E, of
Sec. cor. 15-16-21-22

T. 58 N. R. 25 W.

N. from Sec. cor. 15-16-

21-22. bet. Sec. 15-16

Var. 6°

13.50 leave open swamp

20.90 enter small alder "

22.00 leave " " "

40.00 Mkd. stake

S. 1/2 second growth
aspen & Birch land
rolling soil 2nd rate
9-27-34

80.00 Marked stake

unable to find
evidence of cor.

N. 1/2 land rolling
second growth aspen
& Birch soil 2nd rate

N. bet. Sec. 9-10. var. 6°

15.00 enter small alder

17.05 leave same

23.40 enter edge of open
swamp

30.65 leave same

31.46 intersect Smith
Lake. T.T.

40.00 Marked stake
unable to find
evidence of cor.
S. 1/2 land rolling
soil 2nd rate
second growth
Birch

copied

100

9-28-34
 Traverse of Little Big
 Horn Trail

FROM CABIN

Direction	Distance
N 5° W	2.00
N 37° W	4.00
N 71° W	2.00
N 39° W	1.25
N 28° W	2.00
N 39° W	4.00
N 24° W	4.48
N 49° W	1.80
N 50° W	2.00
N 39° W	1.95
N 52° W	2.00
N 61° W	2.50
N 34° W	1.70
Due N	1.85
N 69° W	2.00
S. 88° W	1.90
N 65° W	1.90
N 37° W	5.60
N 49° W	2.30
N 8° W	2.00
N 25° W	2.20
N 58° W	2.35

Direction	Distance
N 85° W	.85
S. 20° W	1.00
S. 1° E	1.00
S. 14° W	2.00
S. 14° E	4.00
S. 22° W	3.00
S. 45° W	2.00
S. 29° W	2.00
S. 33° W	2.00
S. 3° W	.60
S. 64° W	3.15
S. 45° W	4.00
S. 52° W	2.00
S. 81° W	4.00
S. 80° W	1.85
N. 70° W	3.85
S. 85° W	2.00
S. 66° W	3.45
N. 64° W	2.40
S. 40° W	3.40
S. 35° W	2.85
S. 22° W	1.01
S. 58° W	1.75
S. 77° W	1.59

N 88° W	Dis.	2.63
to Sec. cor. 5-6		
(57-26) 31-32 (58-26)		
S. 89° W	Dis	1.30
S. 62° W	"	2.30
N. 84° W	"	1.80
S. 73° W	"	1.70
N 83° W	"	1.40
N 38° W	"	2.00
N 79° W	"	2.63
N 67° W	"	2.00
N 66° W	"	2.00
N 79° W	"	1.65
S. 87° W	"	1.44
N 83° W	"	2.42
S. 88° W	"	1.47
N 88° W	"	2.00
S. 80° W	"	2.00
S. 76° W	"	2.00
S. 69° W	"	6.00
S. 72° W	"	4.00
S. 57° W	"	2.00
N. 72° W	"	2.00
N 80° W	"	.96
N 70° W	"	1.25

S. 74° W,	DIS	2.00
S. 42° W,	"	2.00
N. 89° W,	"	4.00
S. 56° W,	"	2.75
S. 86° W	"	2.00
N 75° W	"	4.00
N 83° W	"	2.00

INTERSECT trail

N. 61° W	"	1.12
S. 80° W	"	1.05
S. 67° W	"	1.10
N 63° W	"	2.00

Total 176.47

10-1-34 Sec. 11
 T58N R26W 4th Mer
 S. from $\frac{1}{4}$ cor. Sec.
 E-11. Var. 4°

21.45 to N bank of lake

30.56 to S. " " "

40.00 MKD. stake

N $\frac{1}{2}$ land hilly

soil sandy

second growth

aspen and birch

10-2-34

42.95 enter open bog

45.00 leave " "

54.00 enter " "

56.50 leave " "

79.93 intersect E-W

line at 37.66

E. of sec. cor

Set App. $\frac{1}{4}$ cor

of 11-14 at 39.17

and 32-1Ks S. of line

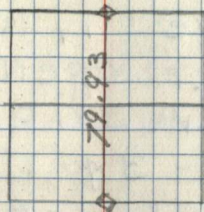
4" birch X 3' high

placed U.S.F.S. poster

on 9" W. Birch

N 16° E Dis 181Ks

copied



T58 N R26 W
E. from $\frac{1}{4}$ cor. of sec.
10-11 Var. $6^{\circ}15'$

16.00 enter alder swamp

20.00 leave " "

36.00 enter open bog

37.50 leave " "

10-3-34

39.25 intersect N-S line

at 41.35 S. of $\frac{1}{4}$ cor

reset to 40.12 $\frac{1}{2}$

and continued E.

81.35 intersect N-S line

at 38.54 S. of S. cor.

Set app $\frac{1}{4}$ cor. of 11-12

at 39.74 $\frac{1}{2}$ S. of sec.

cor and 1.50 chs

W. of N-S line

4" aspen post x 3' high

placed U.S.F.S. poster

on 10" aspen

N 86° E Dis. 98-1Ks

Set app. cor. of center
of sec. 11

10/9

at 40.12 $\frac{1}{2}$ S. of $\frac{1}{4}$ cor

and 65 $\frac{1}{2}$ 1Ks E of N-S

line 4" W. Birch post

3' high placed

U.S.F.S. poster on

6" N pine N 88° W

Dis 41-1Ks

land hilly sandy soil

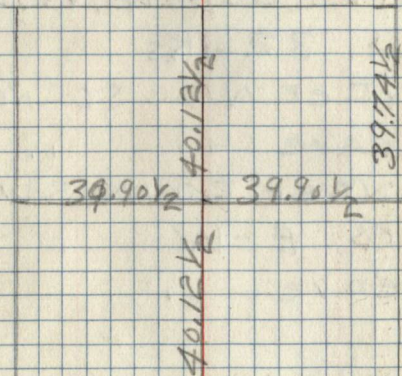
second growth aspen,

Birch, and scattered

N. pine

Sec. 11

~~Copied~~



10-5-34

T58 N. R25-26 W

N. from sec. cor 7-18-12-

13 bet 7-12 Var $5^{\circ}30'$

19.40 leave open SWAMP

20.31 to 18 N. pine stump

MKP, R.L.

22.50 enter alder swamp

29.20 leave " " "

40.05 found 12" W. birch B.T.

Scribbling not visible

Set 4" aspen post 3' high

N. 35° W. from B.T.

placed U.S. F.S. poster

on 7" aspen N 22° E

DIS. 32-1Ks

42.00 enter nice stand of N. pine

52.00 leave " " "

52.75 enter tam. swamp

brs, E-W

58.35 leave " " "

Copied

10-8-34

65.01 enter spruce-alder

70.09 intersect E-W. line

Reset app. sec. cor of 1-

12-7-6 - 60 1Ks W. of our

line

placed U.S. F.S. poster

on 4" aspen S 12° W. DIS.

31-1Ks

Copied

✓

10-9-34 Sec. 7

W. from $\frac{1}{4}$ cor. of
Sec. 12-7 58-26

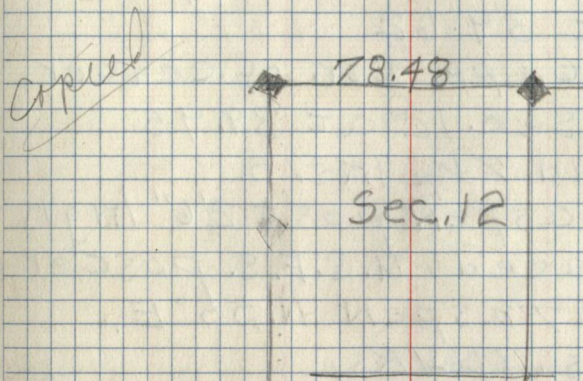
- 3.04 enter tAM SWAMP
prs. N-W & S.E.
- 9.24 leave same
- 31.85 enter spruce SWAMP
- 34.22 leave " "
- 43.39 enter small tAM,
SWAMP
- 48.00 leave same
- 78.41 intersect N-S. line
- 79.90 " " per. to $\frac{1}{4}$
cor. of S. 11-12
15-1KS N. of stake
10-10-34
W. from app. cor. of Sec.
1-12-6-7 Var. 6'15
- 4.00 leave alder SWAMP
- 32.25 enter spruce " "
- 44.20 leave " " "
- 46.00 enter same " "
- 50.00 leave " " "
- 54.00 enter " " "
- 60.65 leave " " "

Copied

10-11-34

78.48 N. & S. line 140-1KS
S. of Sec. Cor. of 1-2-11-12

Set app $\frac{1}{4}$ cor. of 1-12
at 39.24 and 70 1KS N.
post is a 4" spruce
3' high placed u.s.f.s.
on 5" spruce
N. 1° W Dis. 26 1KS



15

S. from $\frac{1}{4}$ cor of Sec
1-12 var. $5^{\circ}30'$

1.50 leave spruce SWAMP
11.60 enter alder " "
14.00 leave " " "
24.70 enter " " "
27.30 leave " " "
10-15-34

38.70 intersect E-W $\frac{1}{4}$ line
at 39.62

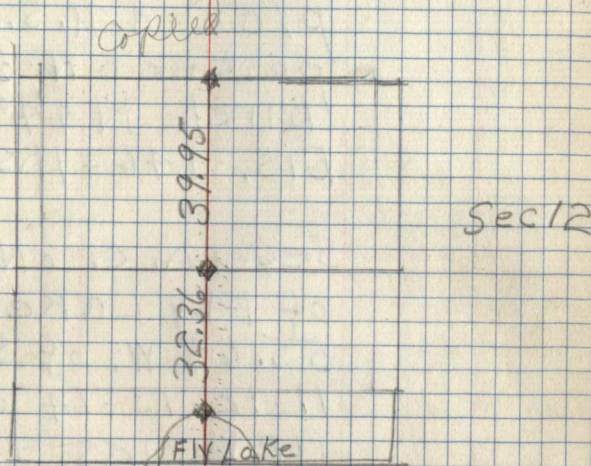
Set app. cor. of center
of Sec. 12 at 39.95
and $7\frac{1}{2}$ IKS. S.

3" aspen post $\pm 2'6"$ high
placed U.S.F.S. poster
on $7\frac{1}{2}$ " aspen N. 55° E.
Dis. 16-IKS

42.50 enter open SWAMP
49.40 leave " " "
52.40 enter " " "
57.75 leave " " "
60.60 enter " " "
66.00 leave " " "
68.75 enter " " "

Which borders N. side of
Fly Lake

72.31 to N. bank of FLY
LAKE set app. M.C.
66-IKS W. of line
4" aspen post 3' high
placed U.S.F.S. poster
on 5" TAM. N. 9° E
Dis 256-IKS



Set App. M.C. COMMON
 to $\frac{1}{4}$ cor of 12-13
 at 34.50 E. of Sec.
 11-12-13-14 and
 116-1Ks S. of line
 post is 4" aspen
 3' high
 placed U.S.F.S
 poster on 5" W.
 birch N44° W
 Dis. 146-1Ks

Set M.C. on E side
 of Fly Lake at
 55.63 W. of Sec. cor.
 11-12-13-14 and
 112 $\frac{1}{2}$ 1Ks. S. of line
 placed U.S.F.S.
 poster on
 4" aspen N. 47°
 Dis. 92 1Ks.

Copied

MP

10-16-34

T-58 N R 25 W, 4th Mer.

W. from MKd. state

of app. cor. of Sec.

9-10-15-16 Var. 6'

4.30 enter open SWAMP

7.70 leave " "

10.45 enter " "

12.70 leave " "

14.70 intersect old R.R.
grade21.53 to E. bank of Burnt
shanty29.09 to W. bank of lake
10-17-34

49.75 intersect road

74.94 to E. bank of Island
lake

copied
land hilly. soil 3rd
rate second growth
aspens and hazel
under brush

Set app. M.C. to
Fractional Secs8-17 a 3" aspen post
2'6" high

S. 69° W. from old 8 in.

N. pine B.T. scribing

Not visible

placed U.S.F.S. poster

on 10" N. pine S. 44° W.

Dis. 60-1 Ks M.C. is 136

1 Ks. N of our E-W line

Set app. M.C. on E.

bank of Lake to

Fractional Secs. 9-16

136 1 K N. & 59 1 Ks W.

post is 4" Birch 3' high

placed U.S.F.S. on 12"

N. pine N. 31° E. Dis.

100 1 Ks

Set app. $\frac{1}{4}$ cor. to

9-16 at 38.75 E. of M.C.

and 68 1 Ks N

3" aspen post 2'6" high

placed U.S.F.S. on

7" aspen S 65° E

Dis. 119-1 Ks. ✓

T58 N. R25 W. 4th Mer
Sec. 16.

S. from $\frac{1}{4}$ cor. of 9-16
var $4^{\circ}30'$

2.97 to N. bank of Burnt Shanty
Lake

Set app. M.C. a 4" aspen
3' high, placed U.S.F.S.
on 7" N. pine S. 65° W
Dis 217 links

43.34 to S. bank of lake

Set app. M.C. on W.
bank of lake at
29.09 W. of Sec. cor

9-10-15-16 post is a
3" aspen 3' high
placed U.S.F.S. on
4" aspen N 69° W.

Dis. 60 links

10-18 - 34

46.00 to arm of lake

52.75 to S. bank of "

Set App. M.C. 5" aspen
3' high, placed U.S.F.S.
on 4" aspen S 10° E.

Dis. 106 links.

82.81 intersect E-W line
at 39.71 E. of Sec. cor.

Set app. $\frac{1}{4}$ 11 links W-

84 $\frac{1}{2}$ links S. of four line

placed U.S.F.S. poster

on 30" white pine stump

S. 85° E, Dis. 24-links

Set app. $\frac{1}{4}$ cor to Sec. to

15-16 3" W. birch 2' $\frac{1}{6}$ " high
at 40.00 N. of Sec. cor.

15-16-21-22 and 100 links
E. of line

placed U.S.F.S. poster
on cor. post.

copied

PRO

10-19-34 T-58 N., R. 25 W.

W. from $\frac{1}{4}$ cor. Sec.

15-16

10.86 to bank of Burnt Shanty
Lake

Set app. M.C. on $\frac{1}{4}$

line of Sec. 16

4" W. Birch post 3' high
placed U.S.F.S.

poster on 4" W. Birch
N. 45° E. Dis. 66 Ks

26.60 to W. bank on
point of Lake

29.64 to E. bank on point

40.07 Set app. center
of Sec. 16. at

40.12 W. of $\frac{1}{4}$ Sec.

15-16 and 43, 54

S. of $\frac{1}{4}$ of 9-16,

4" aspen post 3' high
placed U.S.F.S. poster

on 5" W. Birch

N 69° W. Dis. 40 Ks

51.00 to dry channel by Lake

67.35 enter open swamp
prs. N-S

74.12 to E BANK of Lake

Set app. M.C. on $\frac{1}{4}$

Line thru Sec. 16

3" aspen post 3' high

placed U.S.F.S. poster

on 12" N. pine

N 21° E. Dis. 183 Ks.

pro

10-22-34 T. 58N, R 25W.

S. from cor. of sec.

16-17-20-21 var. $4^{\circ}30'$

27.50 intersect old logging
road

40.27 per. to $\frac{1}{4}$ cor. and
116-1KS W. found
30" W. PINE B.T.

Scribing plainly
visible. Set $\frac{1}{4}$ cor
5" aspen 2' high
placed U.S.F.S poster
on B.T. N 40° E. Dis
13-1KS

Reset, continued
S. var. 6°

60.25 intersect county road

69.11 to N. bank of pond

10-23-34

77.90 to S. bank of pond

79.30 to E.-W. line 27 1KS E. of Sec. cor.

20-21-28-29. old gov.

post $2\frac{1}{2}$ " tam 2' high

Scribing plainly visible

Found old W. PINE B.T.

N. 85° W. - 279 LKS.

Soil 2nd rate, land
level second growth
aspen and scattered
N. pine.

placed U.S.F.S. poster
on 12 in. N. PINE

Dis. 360 LKS.

PR^o

E. from sec. cor.
20-21-28-29 Var. $5^{\circ}30'$
brushed out transit
line

3.50 leave spruce swamp
bordering pond

19.98 to $\frac{1}{6}$ cor

22.10 intersect road

39.98 to $\frac{1}{4}$ cor.

4" tam 2' high a
resurveyed cor.

placed U.S.F.S. poster
on 8" aspen S. 12° W
Dis. 34 1Ks

43.00 enter spruce swamp
brs. N-S.

45.85 leave " "

57.73 to W bank of pond

65.61 to E " " "
and enter spruce

70.75 leave " "

75.25 enter same " "

79.47 intersect per. to
cor. 56-1Ks N. of cor

Found old cor, post of S. 21-
22-27-28 Spruce post
scribing plainly visible
Found 12" spruce B.T.
scribing plainly visible
N. 25° W. Dis. 24 1Ks

Set new cor - 4" spruce
3' high. placed U.S.F.S.
poster on 7" N. pine
N. 60° E. Dis. 119 1Ks.

placed U.S.F.S. poster
on telephone pole on edge
of road 19.00 N. of sec.
20-21-28-29

pro

10-24-34 T58 N. R. 25 W.
N. from Sec. cor. 21-22
27-28 var. $5^{\circ}30'$

- .40 leave spruce SWAMP
1.00 intersect county road
and chained along same
7.50 leave road
20.26 intersect logging road
31.00 enter small cir. bog
33.00 leave " " "
40.23 intersect pert to $\frac{1}{4}$
cor. 11 1Ks E.
 $\frac{1}{4}$ corner sec. 21-22
post is a $2\frac{1}{2}$ " Birch
2' 6" high scribing
plainly visible
Found Birch B.T.S. 37°
W. 10-1Ks
placed u.s.f.s. on 4"
Birch N. $6^{\circ}30'$ Dis 57-1Ks
10-25-34
74.01 enter SWAMP prs
E.-W.
79.50 enter large open
SWAMP
80.48 intersect E-W-line

27-1Ks E. of Sec. cor. 15-16-
21-22.

Land fairly level-soil
sand second aspen

~~pr~~

10-26-34-T58N,R25W

W. from $\frac{1}{4}$ cor. of
sec. 21-22 var. $5^{\circ}30'$

70.90 intersect trail

79.20 " " N-S line

70-1Ks of $\frac{1}{4}$ cor.

of sec. 20-21

Land level second growth
aspen

N. from $\frac{1}{4}$ cor. 21-28
var. $5^{\circ}30'$

19.83 intersect county road
10-29-34

39.33 intersect E-W $\frac{1}{4}$
line at 39.12

Reset at 39.60 and
N. var. $5^{\circ}45'$

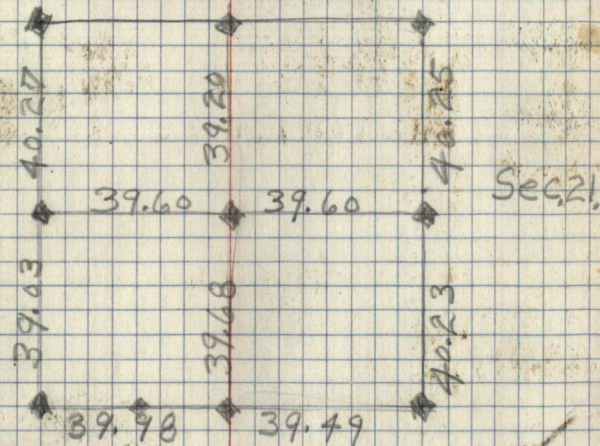
48.50 to S. bank of large pond

66.28 to N. " " " "

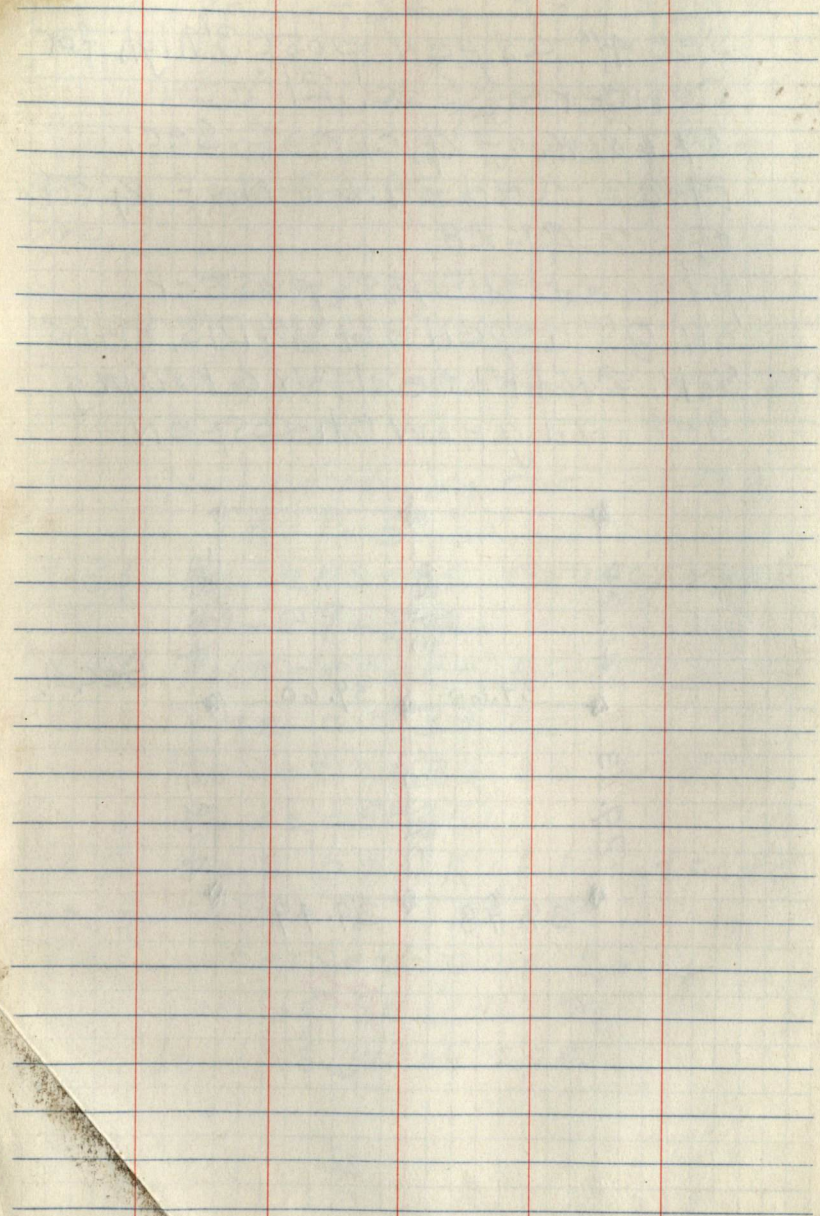
78.88 intersect per. to $\frac{1}{4}$
cor. of sec. 16-21
16 1Ks W. of cor.

Set 4" aspen post 3' high for
center of sec. 21 at
39.60 W. of $\frac{1}{4}$ cor. of sec.
21-22 and 39.68 N. of $\frac{1}{4}$ cor.
of sec. 21-28

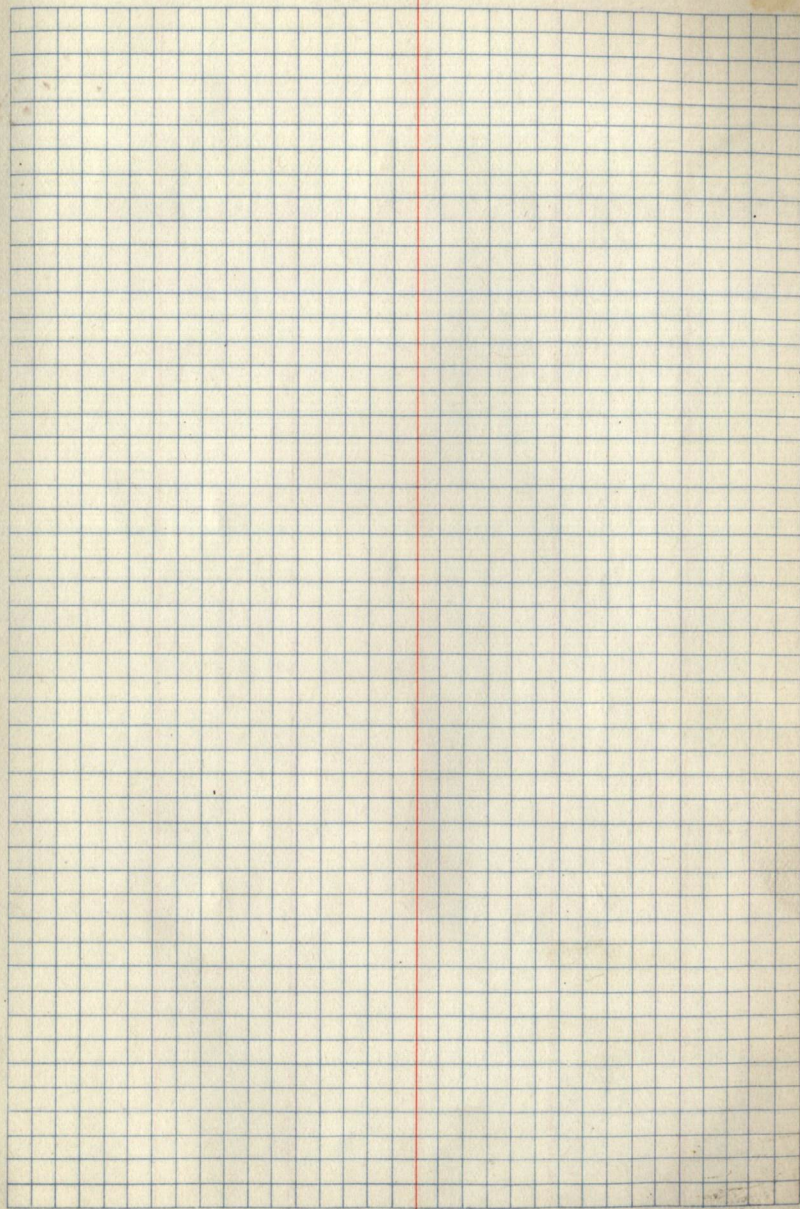
placed U.S.F.S. poster
on 8" aspen 56' W. Dis. 8 1/2 Ks
Soil 2nd rate land rolling
second growth aspen



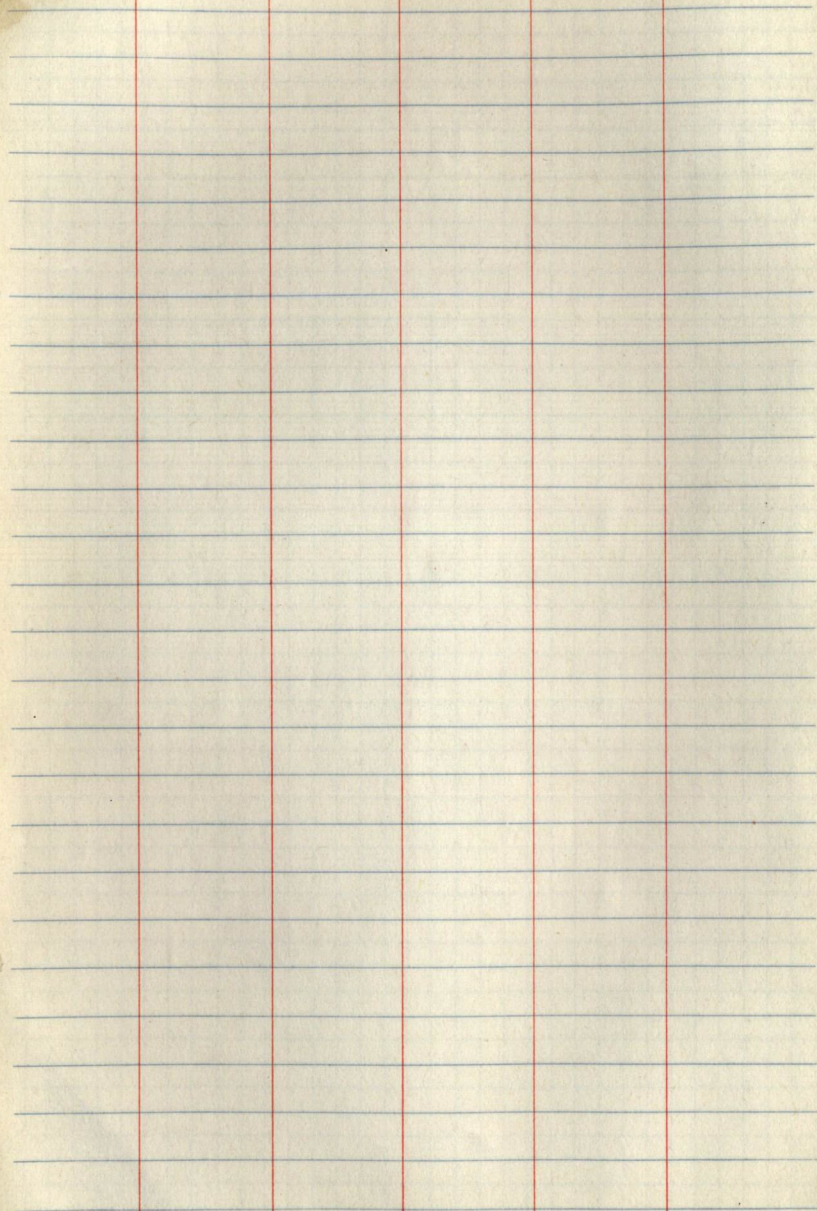
52



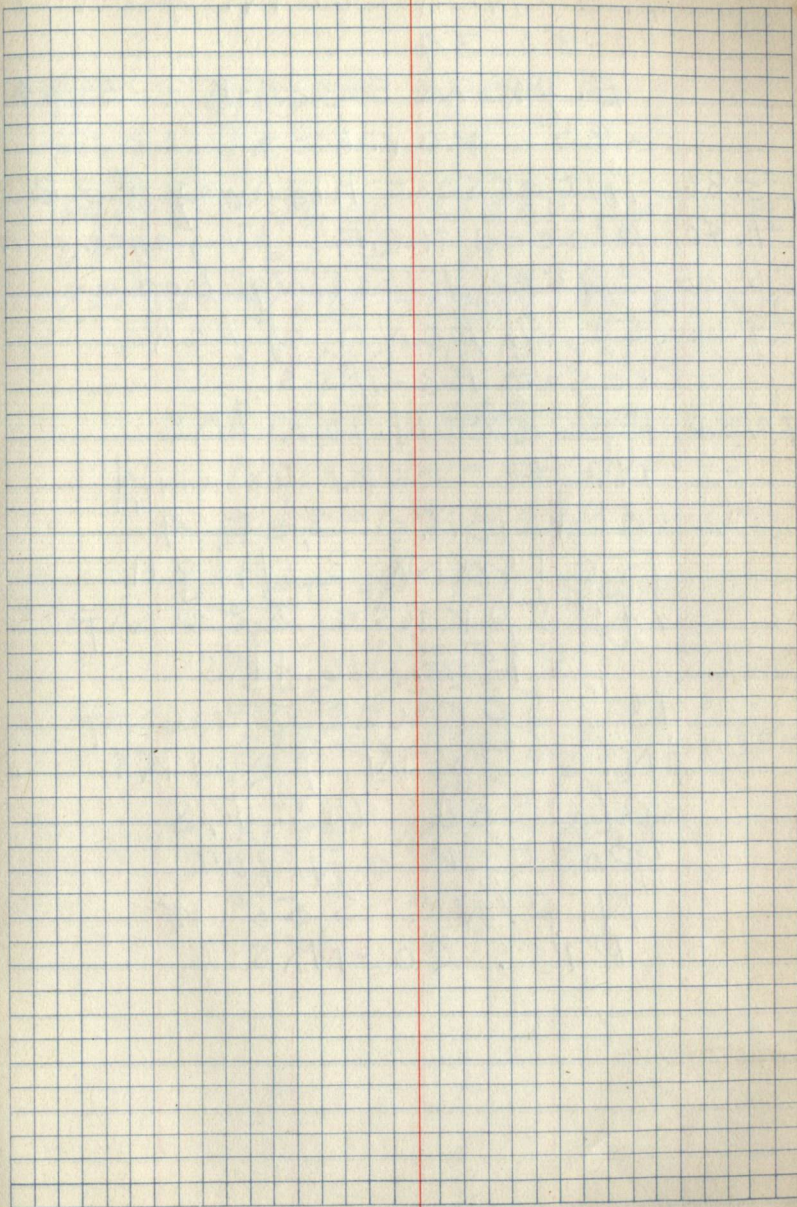
53



54.



55



T. 57N. R 26. W. 4th-Mer

10-30-34

E. from Sec. cor 2-3-34

-35 Var. 6°

3.86 intersect highway #38

4.40 placed U.S.F.S on fence cor.

26.00 enter Floating bog

29.00 to W. bank of lake

reset 163-1KS

40.00 reset N. 162 1KS

N. to cor. found

old B.T.s set 4"

Balsam 3' high

14" spruce stump

S 1° E. 16-1KS

10" spruce stump

N. 5° 30' W 12-1KS

placed U.S.F.S

poster on 10"

N. pine S 50° W

Pis. 20-1KS

10-31-34

41.00 enter open bog

42.50 leave " "

62.93 enter alder swamp

66.00 leave " "

72.36 to W bank of pond

land hilly soil

First rate Balsam

Mixed Hardwood

hazel under brush

Set 4" Balsam

3' high for M.C.

Sec. 2-35

placed U.S.F.S. poster

on 12" W. pine

N 75° W. 98-1KS.

ps

M. C. ON S. BANK to
Sec. 1-2

4" Spruce 2' high

5" " B.T. S. 52° W

Dis-16 IKs

5" Spruce B.T.S. 44° E

13-1Ks

placed U.S.F.S. ON

NEW 7" Spruce B.T.

S 40° E. Dis. 56 IKs

brushed out transit
line S. var. 5° 45'

2800 enter large Spruce
Swamp prs. N, W & S, E.

37.94 to 1/4 cor. of sec. 1-2

4" Spruce 3' high

B.T. 16" tam. stump

S. 61° E. Dis. 5-1Ks

B.T. 8" Y. Birch

S. 87° E placed

U.S.F.S. post on

ON NEW 8" N. pine

B.T. N 88° W. Dis. 43-1Ks

13.29 S. of 1/4 cor. leave
Spruce Swamp

20.58 S. of 1/4 cor. to M.C.
ON JOHNSON LAKE

post is 4" aspen

3' high B.T. 8" aspen

N 40° W. Dis. 15-1Ks,

placed U.S.F.S. post on

ON 9" W. Birch

B.T. N 73° E Dis

9-1Ks

Land level soil

1st rate mixed

hardwoods, Balsam

and scattered pine

Hazel under brush

11-5-34 T. 57-NR26W

S. from Sec. cor.

2-3-34 - 35 var. 5°45'

2.35 enter Spruce
 11.65 leave "
 24.31 enter TAM brs, E-W
 28.90 leave "
 32.17 enter Spruce
 36.69 leave "
 38.34 N. bank of Orange Lake
 55.34 S. " " " "
 60.89 N. " ON point " "
 68.89 S " " " "
 70.70 N " " " "
 73.61 S " " " "
 76.02 N " " " "
 84.60 to N.C. 95-1KS W.
 of cor.

Land level soil
 1st rate, Birch, Balsam
 scattered N-W, pine

11-6-34

Set 4" aspen post 2'-6"
 high 47 1/2 Ks. E. of line
 for app. N.C. placed
 U.S.F.S. poster on 14"
 W. pine N. 70° W 42-1/2 Ks.

Set 4" post 2'-6" high
 for app. N.C. on S. bank
 of Orange Lake 61-1/2 Ks.
 E. of line placed
 U.S.F.S. poster on 5" W.
 Birch S 25° W, 30 1/2 Ks

N. from $\frac{1}{4}$ cor. Sec.
2-11 Var. $6^{\circ}15'$

- 15.40 placed U.S.F.S.
poster on 6" aspen
16.46 intersect highway
#38
38.00 enter tam prs, N-S.
41.88 intersect E-W line
at 39.23
11-9-34
49.24 leave tam
58.30 enter spruce
prs. E-W.
64.70 leave " "
66.65 intersect trail
82.77 " " per to
 $\frac{1}{4}$ cor. Sec. 2-35
47.1Ks W. of cor.
Land rolling soil
1st rate Type B. b

W. from $\frac{1}{4}$ cor. Sec.
1-2 Var. 6°

- 8.30 enter spruce
prs N-S.
11.40 leave " "
20.00 enter spruce
prs. N.W.-S.E
23.70 leave
36.76 enter spruce
prs. N-S.
39.48 intersect N-S
line at 41.83
39.25:
set 4" tam, 3' high
for center of Sec.
2. placed U.S.F.S.
on 5" tam S 64° E
Dis. 47-1Ks

11-13-34

Sec. 2. (57-26)

42.40 leave spruce

58.08 intersect highway
3858.72 placed U.S. F. S.
poster on fence cor.
76.11 to E. bank of Orange
Lakeset 4" Balsam 3' high
placed U.S. F. S.poster on 15" N. pine
S. 83° E Dis 43 IKs

Land level, clay loam

Second growth Balsam

11-14-34

N. from W. $\frac{1}{16}$ of Sec.
2-11 - Var 5° 45'

1.19 to S. bank of pond

7.20 to N. " " "

8.00 enter small spruce
bordering pond

10.50 leave

42.24 intersect E-W

 $\frac{1}{4}$ line at 58.76W. of $\frac{1}{4}$ cor of Sec.

1-2

43.00 intersect highway
38

11-26-34

62.50 intersect logging road

83.26 " " E.-W. Line

Set 4" Balsam post

2'6" at 20 chs. E. of

Sec. cor 2-3-34-35

for W. $\frac{1}{16}$ of 2-35

Line is 22-1Ks. E.

of post, placed U.S.F.S.

poster on 12" Basswood

N. 33° E Dis. 71-1Ks.

set 4" Balsam 2'6"

high at 60.00 E of

Sec. cor. 2-3-34-35 for

E $\frac{1}{16}$ cor. of Sec. 2-35

placed U.S. F.S. on

13" Balsam N 10° W.

Dis. 9-1Ks

S. from E. $\frac{1}{16}$ of 2-35Var. $5^\circ 45'$

13.73 to N. bank of small pond

17.45 to S. " " " "

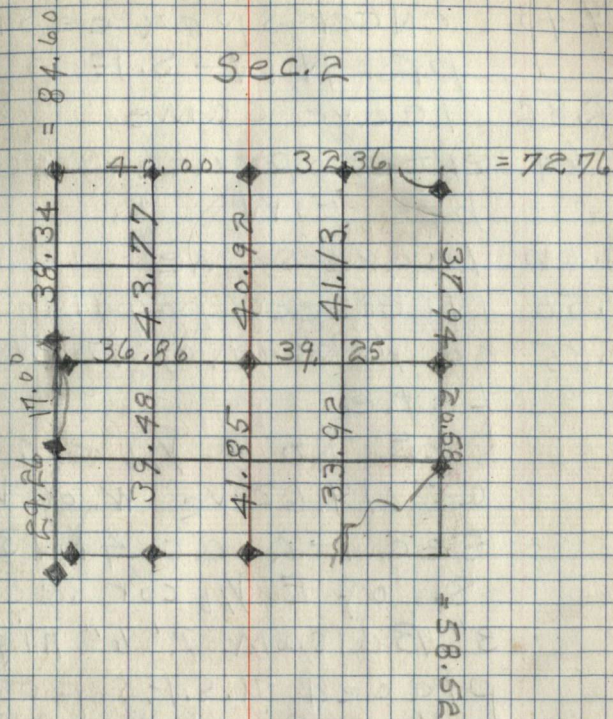
27.32 enter spruce prs.

32.00 leave " "

41.13 intersect E-W $\frac{1}{4}$ lineat 19.69 W. of $\frac{1}{4}$ Sec. 1-2

T57 N. R 26 W 4th-Mer.

Sec. 2



11-27-34

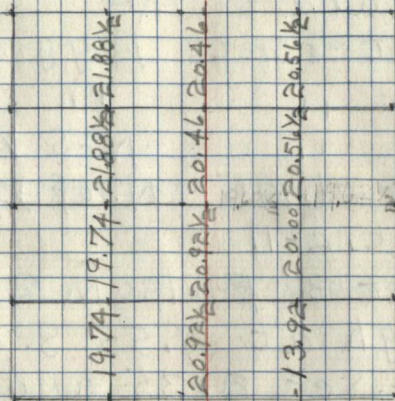
- 49.43. enter spruce Swamp
brs. N.W-S.E
- 52.82 leave same
- 61.64 enter Spruce SWAMP
brs. E.W.
- 63.00 leave same
- 65.50 intersect logging road
to N. bank of JOHNSON
Lake

Set No. 8 $\frac{1}{16}$ cor.
at 19.62 $\frac{1}{2}$ W. of $\frac{1}{4}$
sec. 1-2 at 41.13
S. of E $\frac{1}{16}$ cor sec. 2-35
3" Balsam 2' 6" high
placed U.S.F.S. poster
13" W. Birch S. 33° E

11-1Ks.

- Set 4" aspen 2' 6" high
at 20.00 S. of $\frac{1}{4}$ cor sec. 1-2
for S. $\frac{1}{16}$ cor. of sec 1-2
W. from $\frac{1}{16}$ cor. var. 6°
- 18.90 intersect logging road
- 19.76 " N-S $\frac{1}{16}$ line
at 61.29 S. of E. $\frac{1}{16}$ cor
of sec. 2-35

Sec. 2



11-28-34 Sec. 2.

20.00 enter spruce-tam
Swamp, brs, E-W

27.02 leave same

30.20 intersect jogging road

33.50 " " "

39.41 " " N-S $\frac{1}{4}$ lineat 21.45 N. of $\frac{1}{4}$ cor

Sec. 2-11

Set 3" Balsam 2' 6"

high at 61.55 S. of E $\frac{1}{16}$ of Sec. 2-35 and $\frac{3}{4}$ lks

E. placed U.S. F.S. poster

on 7" W. pine N 76° E $\frac{7}{16}$ lksfor No. 7, $\frac{1}{16}$ cor. Sec. 2

Set 3" Balsam 3' high

at 20.92 $\frac{1}{2}$ N. of $\frac{1}{4}$ cor

Sec. 2-11 and 12 lks-E

for No. 6, $\frac{1}{16}$ cor

placed U.S. F.S. poster

on 10" Basswood

S. 50° W. Dis. 12-lks.

T. 57 N. R. 26 W. 4th-Mer.

Sec. 2.

17.23 19.63 19.62 19.62

19.56 19.73

43.02 intersect highway
38

58.84 intersect N.-S. $\frac{1}{16}$ line
at 21.71 N. of W. $\frac{1}{16}$ cor.
of 2-11

58.86 to alder swamp
hrs. N-S.

60.32 leave same

79.31 intersect N-S
Sec line at 59.77

S. of Sec cor 2-3-34-35

Set 3" Balsam post
x 2'6" high at 19.74

N. of W. $\frac{1}{16}$ cor, sec. 2-11

Set No. 5 $\frac{1}{16}$ cor at

19.74 N. of W. $\frac{1}{16}$ cor, on

Sec. 2-11 - Set 36

3" Balsam $2\frac{1}{2}$ high
placed U.S.F.S. poster

12" aspen N 8° W.

Dis. 84 IKS.

Set E $\frac{1}{16}$ cor. at 17.94

S. of N.C. common to
sec. s. 1-2-35-36 etc.

4" Balsam 2'6" high

placed U.S.F.S. poster on

Set No. 1, $\frac{1}{16}$ cor. at

20.56 $\frac{1}{2}$ S. of E. $\frac{1}{16}$ cor.

Sec. 2-35, and 3 IKS E

3" Balsam 3' high

placed U.S.F.S. poster

on 8" Maple N 63° W

Dis. 6 IKS

Set E $\frac{1}{16}$ cor at 17.94

11-29-34

- var. 3° W. from N. $\frac{1}{16}$ Sec. 1-2
 .10 enter spruce-Alder
 swamp prs. N-S
 3.78 leave same
 19.78 intersect N-S. line
 at 20.56 $\frac{1}{2}$ S. of E.
 $\frac{1}{16}$ of Sec. 2-35
 var. 6°
 37.15 enter spruce swamp
 prs. E-W
 39.97 intersect N-S. line
 at 63.32 N. of $\frac{1}{4}$ cor.
 Sec. 2-11
 set 4" Balsam 2'6" high
 at 62.32 and 36-1Ks
 E. placed U.S. F.S. poster
 on 4" tan. S. 73° W.
 Dis. 14-1Ks
 42.50 leave swamp
 51.10 intersect logging
 road
 59.25 intersect N-S. line
 at 62.59
 set 3" Balsam 2'6"
 at 61.37 and 15 1Ks
 W.

placed U.S. F.S. poster
 on 14" Y. Birch
 S. 53° E. Dis. 26 1Ks

- 62.96 intersect highway #38
 77.47 intersect N-S. Sec. line
 at 21.81 S. of Sec. cor
 2-3-34-35 set 4"
 Balsam 2'6" high at
 21.91 and 24-1Ks E.
 placed U.S. F.S. poster
 on 14" W. Birch
 N. 76° W. Dis. 21 1Ks

12-3-34.

T. 57 N. R. 26 W. 4th Mex.
Sec. 11

S. from M.C. on N.S.

shore of Orange Lake

Sec. 10-11. var. 6°

Cor. previously
established, brushed
out old transit

line

5.21 alder-spruce swamp
Brs. N.W. - S.E.

7.30 leave same

26.60 enter open swamp
bordering Big Horn Lake

28.33 leave same

37.63 enter spruce brs. E.-W

39.39 leave "

54.95 enter tam. brs. E.-W

59.36 leave "

land rolling,
second growth
aspens - Birch
Hazel underbrush

12-4-34

74.10 intersect Big Horn trail

77.40 to Sec. cor. of

10-11-14-15

4" Maple 2'6" high

B.T. W. pine 22" stump

S. 35° E. Dis. 33, 1Ks

placed U.S.F.S.

poster on 14" W. pine

B.T. N 38° W, Dis. 163

1Ks

E. from M. Sec. cor

10-11-14-15 var. 8°

7.96. to NW cor on W. bank
of small lake

4" aspen 2'6" high

B.T. 10" N. pine

N. 47° W. 53 1Ks

N. pine 10" N. 79° W

Dis. 35 1Ks

L.N.P

12.63.

M.C. on E. bank

4" aspen 2' high

B.T. 10" N. pine

S. 72° E. Dis. 38 1Ks

L.N.P

✓

- 17.00 intersect trail
 19.33 " " "
 30.44 M.C. ON W. BANK ^{N.P.}
 of lake aspen 4"
 2'6" high B.T. 12" W. pine
 N. 58° W. Dis. 55 IKS
 post is 40 IKS S. of
 line. Reset and E.
 var. 7°. chained on ice
 40.00 MKd, point on ice
 for 1/4 cor to sec. 11-14
 44.00 to E. bank of lake
 12-5-34 -
 found old transit
 line var. 5
 brushed out same
 59.84 to E 1/6 cor sec. 11-
 14 59 IKS S. of line
 4" aspen post 2'6" high
 1" iron pipe 6" high
 7" aspen B.T. S. 55° W.
 Dis. 13 IKS
 placed U.S.F.S.
 poster on 7" B.T. ^{ASPEN}
 N. 13° E Dis. 72 IKS

- 64.84 intersect
 highway #38
 65.70 placed U.S.F.S.
 poster on 6" Balsam
 67.50 enter spruce-
 alder-tam swamp
 prs. N.E-S.W
 69.50 leave same
 79.64 to sec. cor. 11-12-
 13-14
 4" aspen 2'6" high
 1 1/2" iron pipe 8"
 B.T. 6" W. Birch
 Dis. 40 IKS N. 47° W.
 5" W. birch N 39° E
 Dis. 31 IKS
 8" iron wood S. 73°
 E. Dis. 30 IKS
 placed U.S.F.S.
 poster on 7"
 maple B.T.
 N. 6° E. Dis. 49
 IKS. Land rolling
 second aspen
 hazel underbrush

sl
N. from sec, cor,
11-12-13-14 var 5°30'

6.00 enter open TAM,
swamp prs. E-W,
19.83, to fence line, prs
E-W

3" aspen post 2' high

20-1Ks W. of line

22.20 leave SWAMP

36.08 to mc. on S. W. BANK

of JOHNSON LAKE

4" aspen 2'6" high

1" iron pipe 6" high

placed U. S. F. S.

40.00 Marked stake on
ice for V4 cor.
sec. 11-12,



12-6-34 - Sec. 11.

$\frac{1}{4}$ cor. to Sec. 10-11

4" t.a.m. post 3' high

1" iron pipe 6" high

B.T. 24" N. pine stump

N. 18° E. Dis. 28 IKs

B.T. 16" N. pine stump

N. 47° W. Dis. 54 IKs

placed U.S.F.S. poster

on 6" aspen S. 65° W

Dis. 39 IKs

E. from same var. $6^{\circ} 45'$

10.40 enter open swamp brs. N-S.

16.93 " " "

19.61 to No. 4 $\frac{1}{16}$ cor

4" Balsam 3' $\frac{1}{6}$ " high

B.T. 9" N. pine S. 8 W

Dis. 77 IKs

B.T. placed U.S.F.S. poster

on 15" W. pine N. 46° E

Dis. 26 IKs

39.19 to cor in center of

Sec. 11 4" spruce 3' high

1" iron pipe 6" high

placed U.S.F.S. poster

on 7" yellow Birch. B.T.

N 82° W. Dis. 19 IKs

20" Spruce stump B.T.

S. 29° E. Dis. 28 IKs

51.20 placed U.S.F.S. poster

on 7" Basswood

51.70 intersect highway #38

56.00 enter t.a.m. brs. N-S.

59.06 to #8 $\frac{1}{16}$ 4" t.a.m.

No. B.T.

leave t.a.m.

74.60 to N.C. 4" aspen 3' high

on N.W. bank of Johnson

Lake. B.T. 6" aspen

S. 56° W. Dis. 9 IKs

78.86 intersect N-S.

Sec. line at 3957 N.

of Sec. cor. 11-12-13-14

on ice

~~45~~

12-7-34 Sec. 11

S. from $\frac{1}{4}$ cor. of

Sec 2-11 Var. $5^{\circ}30'$

cor. previously recorded,

10.00 enter spruce SWAMP

brs E-W

14.00 leave " "

19.86 to No. 2 $\frac{1}{16}$ cor 4" ash

2' high 1" iron pipe 8" high

placed U.S.F.S. poster

on 8" aspen B.T.

N 39° W. DIS. 4×2 IKS

39.72 to center cor. of Sec. 11

40.00 enter SWAMP brs. N-S

47.00 leave " "

59.52 to $\frac{1}{16}$ cor. No. 6 3" aspen

3' high 1" pipe 8" high

placed U.S.F.S. poster

6" aspen B.T. 576 W. 42-LKS

72.76 to N.C. E. bank of Lake

3" aspen 2' high, placed

U.S.F.S. poster on

12" N. pine B.T.

N. 14° W. 80+KS.

78.56 on line to E-W, line

intersect at 40.00

E. of Sec. cor. 10-11-14-15

Set 5" aspen post 3'

at 47.00 E. of Sec. cor

10-11-14-15 and 105 IKS

S. for N.C. on E. bank

of Lake, found iron

pipe 1" x 6" high

placed U.S.F.S. poster

on 9" N. pine S. 62° E

DIS. 87 IKS.

B. 12" W. Birch S. 13° E. 74L.

All lines and corners
in this Sec. 11-T57N

R 26 W. have been
established by county
Surveyor, about 12 yrs.
ago.

12-20-34.

S. 1/16 cor. Sec. 10-11 - 3" spruce
 3' high 1" pipe 6" high placed
 U.S.F.S. poster on 8" t&M B.T.
 N32° E. Dis. 514 Ks 8" N. pine
 SNAg B.T. S52° E. Dis. 301 Ks
 cor. is 57.52 S. of M.C. and
 151 Ks E. E. from same ex 63°

4.00 to M.C. on W bank of lake
 12" W. pine B.T. N45° W. 771 Ks

12.44 M.C. on E. bank 3" W. pine
 3' high, placed U.S.F.S.
 poster on 12" W. pine
 S70° E Dis. 42-1 Ks, 15" W. pine
 B.T. N15° E. 631 Ks

18.19 to M.C. on W. bank of lake
 3" x 3 1/2" spruce post
 placed U.S.F.S. poster on
 12" N. pine stump
 S85° E Dis. 143 Ks

32.59 to M.C. on E. bank of lake
 3" aspen 2' 6" high placed
 U.S.F.S. poster on 6" N
 pine B.T. S78° E 451 Ks

39.44 #6 - 1/16

51.33 intersect highway # 38

56.75 enter t&M. brs. N-S

Sec. 11, T. 57N, R. 26W

7.95

59.79 to #7 - 1/16 cor. 4" t&M
 1" iron pipe 8" high
 3' high placed U.S.F.S.
 poster on 7" t&M B.T.
 N73° W. Dis. 13-1 Ks
 66.75 leave
 72.76 enter t&M brs. E-W
 79.13 S. 1/16 cor. Sec. 11 12

36.08

P. 13

12-21-34

N $\frac{1}{4}$ cor. of Sec. 10-11 at
17.70 N. of M.C. 4" Balsam
3' high 1" iron pipe 9" high
placed U.S.F.S. poster
on 5" Red oak N 80° W

13 kts. E. from same var. 6' 15"

13.25 enter ash swamp prs NWSE

19.12 leave " " "

19.62 to #3 $\frac{1}{4}$ cor. 3" Balsam
3' high 1" iron pipe 9" high
placed U.S.F.S. poster.

on 18" W. pine B.T.
S 74° E. Dis. 11 kts

39.22 to #2 $\frac{1}{4}$ cor.

52.00 enter alder prs N-S

55.00 leave " " "

58.34 intersect highway #39

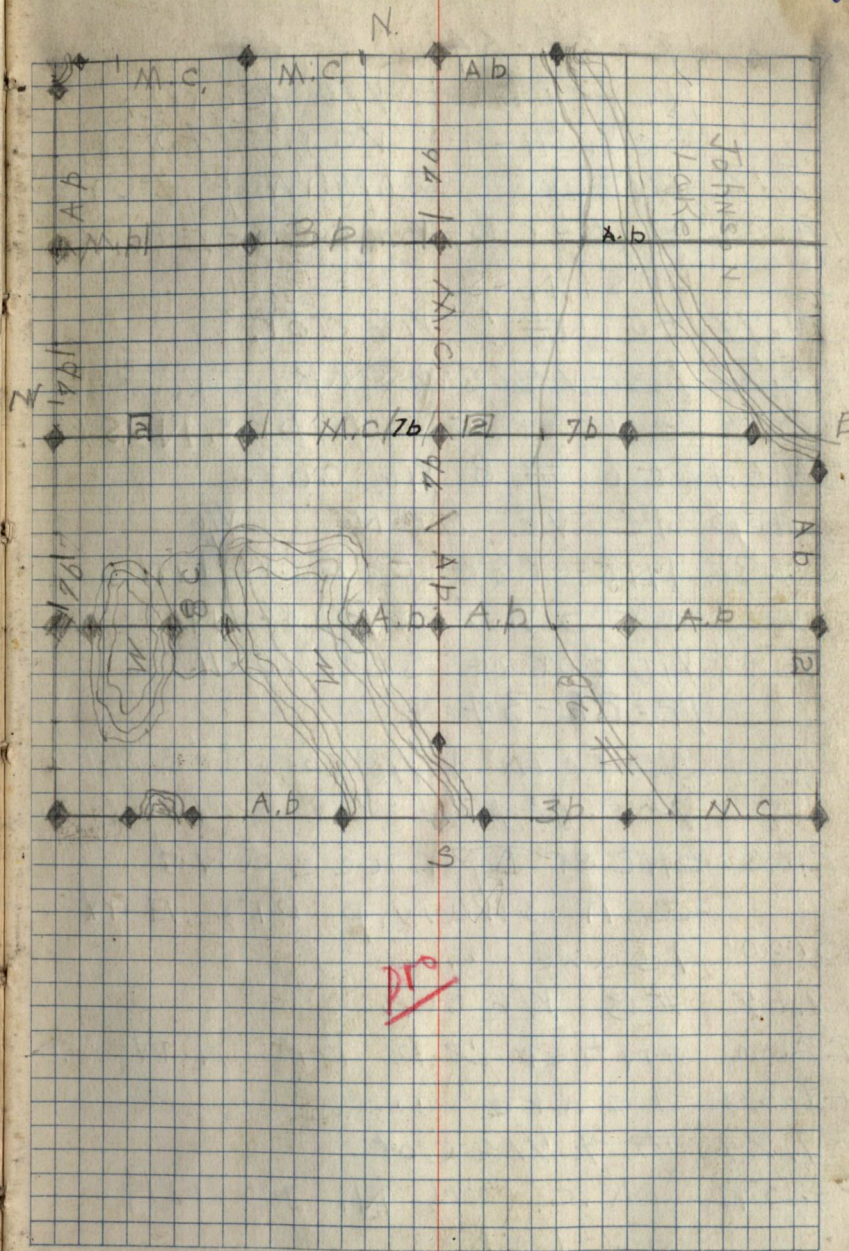
60.70 to M.C. on W. bank of
Johnson Lake

4" aspen post 3" high

5" aspen B.T. N 73° W-65
placed U.S.F.S. poster

on 7" aspen B.T.

S 62° W. Dis. 35-1 kts



12-27-34

N. from E $\frac{1}{16}$ cor,
Sec. 11-14 var $5^{\circ}45'$ 7.12 intersect highway #38
14.25 enter spruce & tamar
prs. N-S19.77 to #7 $\frac{1}{16}$ cor.

25.77 leave swamp

32.50 enter tamar prs. N-S

39.54 to #8 $\frac{1}{16}$ cor.44.40 leave tamar $\frac{1}{16}$

59.32 intersect E-W line

at 59.51 E. of N

 $\frac{1}{16}$ cor of sec. 10-11

12-28-34

S. from W $\frac{1}{16}$ cor. Sec 2-11
var. $6^{\circ}45'$ 2.00 enter spruce and
ash swamp prs E-W

5.00 leave "

19.87 #3 $\frac{1}{16}$ cor.

22.00 enter 7 p. prs N-W & S-E

29.50 leave "

39.74 #4 $\frac{1}{16}$ cor53.52 N.C. on N. bank
of lake

3" aspen past 2' 6"

7" aspen B.T. N

24 W Dis. 40 Li.

8" aspen N. 21° E

45 li.

59.65 intersect E-W
 $\frac{1}{16}$ line on ice

61.35 to S.W. bank

79.32 to W $\frac{1}{16}$ cor.

at 20.15 E. of

Sec. cor. 10-11-14-15

3" aspen 3' high

1" iron pipe 6" high

placed N.S.E.S

on 12" W pine

811° E. Dis. 51 li.

1240-34

58-27

1/4 cor. b.p. Sec. 14

-23 4" cedar 3' high

1 1/2" iron pipe 8" high

B.T. 14" Basswood stump

B.T. N. 65° E. 33 IKs

10" Maple N 33° W. Dis. 51

placed U.S. F.S. on same

N. from 1/4 cor. Sec. 14-23

Var. 3° 15'

1245 intersect logging road

37.09 old M.R. Rightway

53.92 old logging road

80.00 failed to find evidence

of 1/4 cor

Lowland second growth

ASPEN and BALSAM

12-11-34

Found 12" W. oak

Stump B.T. for 1/4

cor. of Sec. 13-14 scribing

plainly visible 14" cedar

scribing Not visible

Set 3" cedar post

2'6" high on 5" cedar

N 50° W. Dis. 14 IKs

81.34 E. of 1/4 to 1/4 line is
3.33 N. of cor

Set app. center of Sec. 14

at 40.33 1/2 N. of 1/4 of 14-23

on 6" IKs E 4" aspen

3' high placed U.S. F.S.

poster 6" Balsam N. 69° W

Dis 105-1Ks

Set 3" aspen 2'6" high for

#6 1/4 cor at 20.16 and

33 1/2 IKs E

placed U.S. F.S. poster

on 6" aspen S. 49° W

Dis. 58-1Ks

W. from 1/4 Var. 10° 15'

6.67 M-R. Rightway

7.57 enter Cedar swamp

12.76 prs. N-S

leave same

19.00 enter cedar prs. N-S

20.16 logging road

21.16 N-S line at

21.72 intersect logging road

25.80 " " "

31.08 " " "

32.50 leave cedar swamp

38.50 enters spruce
and tam brs,
N-S

40.86 intersect alder
Ditch bank
Set 4" spruce 2'6"
high 45 IKs S. of
line at 40.62 W.
of No 6 $\frac{1}{16}$ cor.
placed U.S.F.S poster
on 6" tam
N 14° E Dis, 67-1Ks

Set 3" cedar 2'6"
high 20, 31 W. of # 6
 $\frac{1}{16}$ cor and at 13.31'
N. of E. $\frac{1}{16}$ cor Sec.
14-23.

placed U.S.F.S.
poster on 5" cedar
N 31° E Dis, 42, 1Ks

✓

12-12-34

T58 N. R 26 W 7th mer
W. from App. Sec. cor
28-29-32-33 var 7°

18.80 intersect old logging
road

39.80 unable to find evidence
of V₄ cor.

76. 12-13-34

76.80 found like blaze
50 IKS N. of line

79.60

land hilly, heavy under
brush on ridges

W. from temp. cor. of
Sec. 29-32-30-31 var 7°

12-14-34

W. from 29-30-31-32
temp. cor, var 7°

54.14 old logging road

12-17-34

87.36 per to sec. cor. 30-31
25-36 T58 N. R 26-27 W
Line is 79 IKS N. of cor.
3" W pine post 3' high
1" iron pipe 6" high

placed U.S. F.S. poster
on 14" N, pine stump
B.T. S 44° E Dis. 79-1KS

land hilly, heavy under
brush

58.29

W. from Sec. cor. 25-30
31-36 var. 6°

20.15 to E 1/4 cor Sec. 36.
and 25 line is 39
IKS S. Reset and
W. var 7° 15

4" W, pine 3' high

1" iron pipe 6" high
placed U.S. F.S. poster

on 3" map - N 48° E Dis. 16 IKS
23.70 enter 7th DFS. S.E. - N.W

27.00 small pond of about
15 A. is about 1 chain
N. of line

40.26 to V₄ cor 4" spruce
6' high

placed U.S. F.S.
poster on spruce B.T.
S 22° E. 15 IKS

B.T. 4" spruce S 25° W
Dis. 13 IKS

58.90 leave 7b

60.25 to W. $\frac{1}{16}$ cor, 3" tam

2'6" high, 1" iron pipe

6" high

12-18-34

65.80 enter alder brs N-S

68.50 leave

80.35 to Sec, 25-26-35-36

4" spruce 2' high

1" iron pipe 6" high

BT 15" N pine stamp

N. 1° E Dis. 31 IKS

placed U.S. F.S.

poster 12" N. pine

N 4° E, Dis. 33 41 $\frac{1}{2}$ 50 $\frac{1}{2}$ 90

land hilly heavy

under, scattered

Norway and W. pine

ground cor.

Set app W $\frac{1}{16}$ cor. of

Sec. 30-31 at 60.00

W. of App. Sec. cor

29-30-31-32 and 70

IKS N. of line

3" Birch 2' high placed

U.S. F.S. poster 10" N.

pine snag S 21° E. Dis. 49 IKS

Set app. W $\frac{1}{16}$ cor. of Sec.

30-31 at 40.00 W. of App

Sec. cor 29-30-31-32 and

60 IKS N. of line 4" maple

post 3' high placed U.S. F.S.

poster on 4" maple S 15° W

Dis. 73 IKS

Set 12" W. Birch post

2'6" high

Set app Sec. cor. to 29-30

31-32 - 79.60 chns W. of

app. Sec. cor 28-29-32-33

and 40 IKS N. 4" W. pine

3' high, placed U.S. F.S.

poster on 12" N. pine

N. 85° E. Dis. 152 IKS

Set app. W $\frac{1}{16}$ cor. of Sec.

29-32 at 59.90 W. of Sec

cor and 30 IKS N.

3" Birch 3' high placed

U.S. F.S. poster on 14"

Maple S 37° W. 23 IKS

Set 4" ASPEN 3' high at

39.60 W. and 20 IKS N. of

app. cor. of 29-32

placed U.S. F.S. poster
on 5" aspen N 9° E 40 IKS

2m

Set E. $\frac{1}{16}$ cor. at
 19.80 W. and 10.1 Ks N.
 for app. E. $\frac{1}{16}$ of Sec.
 29-32 - 2 $\frac{1}{2}$ " N. pine
 2'6" high placed U.S. F.S.
 poster on 3" aspen
 S 72° E. Dis 7.1 Ks
 12-19-34

S. from sec. cor 23
 -24-25-26 var 5°

Along fence line

20.16 to N $\frac{1}{16}$ cor 4" aspen
 3' high 1 $\frac{1}{2}$ " iron pipe
 8" high, placed U.S. F.S.
 poster on 7" aspen
 B.T. N 31° E 64 Ks

40.29 to $\frac{1}{4}$ cor.

placed U.S. F.S. poster
 on 8" N. pine B.T.
 N 72° E. Dis. 34 Ks

60.54 to S $\frac{1}{16}$ cor Sec. 25-26
 3" Balsam 2'6" high
 1 $\frac{1}{2}$ " iron pipe 8"
 14" Basswood S 77° E.
 Dis 33.1 Ks

placed U.S. F.S. poster
 on 8" Maple B.T. S 12° W
 Dis 67.1 Ks
 64.06 intersect logging road
 80.81 to Sec. cor. of 25-26
 -35-36

✓

Land hilly second ^{grown} Birch,
 Maple, and Balsam on
 S. $\frac{1}{2}$ N. $\frac{1}{2}$ Lowland the
 N. W. $\frac{1}{4}$ is under cultivation
 of sec. 25, this line was
 run and corners set by
 county surveyor about
 5 or 6 yrs ago

1-3-35

59.26

s. from sec. cor 21-22
27-28, var. 12° 59.26

brushed old transit line

4.50 enter 76 brs. N.W. & S.E.

20.03 to N 1/4 cor 3" spruce

2'6" high 1" iron pipe 6" high

4" spruce B.T. S 88° E 63 1Ks

placed U.S.F.S. poster

on 4" spruce B.T. S 4° W

17-1Ks

32.00 leave 76

40.14 to V4 cor. of sec 27-

28 4" N. pine 3" high

1" iron pipe 6" "

6" N. pine B.T. N 34° E

35 1Ks. placed U.S.F.S.

poster on 6" N. pine

B.T. S 46° W 25 1Ks

54.00 enter 7c brs. N.W. - S.E.

58.92 M.C. on N. bank of

lake 3" spruce 2'6"

high 8" spruce B.T.

N 23° W - 55

placed U.S.F.S.

poster on 6" spruce

N 12° E 44

75.91 to M.C. on N.S.

bank 3" aspen

2'6" high

placed U.S.F.S.

poster on 14" cedar

B.T. N 68° W - 11

6" cedar, B.T.

N 35° E. 17-1Ks

80.4E to Sec cor, 27-28

33-34 4" cedar

post 3' high 1" iron

pipe 6" high

placed U.S.F.S.

poster on 8" cedar

B.T. N 82° W 32

B.T.S 7" cedar N 20° E 50

6" " N 76° E 32

20

- S. from Sec. cor 20-21-28-29
var $2^{\circ}45'$ brushed out
old transit line
- 25.03 to N. C. on N^N bank of
N. Star Lake placed
U.S.F.S. poster on 10"
cedar B.T. (8" cedar B.T.
unable to find cor. post
1-7-35
- S. from $\frac{1}{4}$ cor Sec. 21-28
var $7^{\circ}15'$ brushed out old
transit line. cor. post is
in 7b brs N.W.-S.E
- 17.50 leave 7b, placed U.S.F.S.
poster on telephone pole
- 13.20 intersect highway #38
- 19.83 #2 $\frac{1}{16}$ cor. 5" W. birch 3' high
placed U.S.F.S. poster on
5" W. birch B.T. S $47^{\circ}W$ - 12 IKs
B.T. 5" W. birch S $42^{\circ}E$ - 47 "
- 39.71 to C. of Sec 28 - 4" ash 2'6" high
1" iron pipe 6" high, placed
U.S.F.S. poster on 8" ash
B.T. S $69^{\circ}W$ 43 IKs
5" W. birch B.T. N $3^{\circ}W$ 39 IKs.
- 42.50 enter alder brs N.W.-S.E
- 48.54 leave "

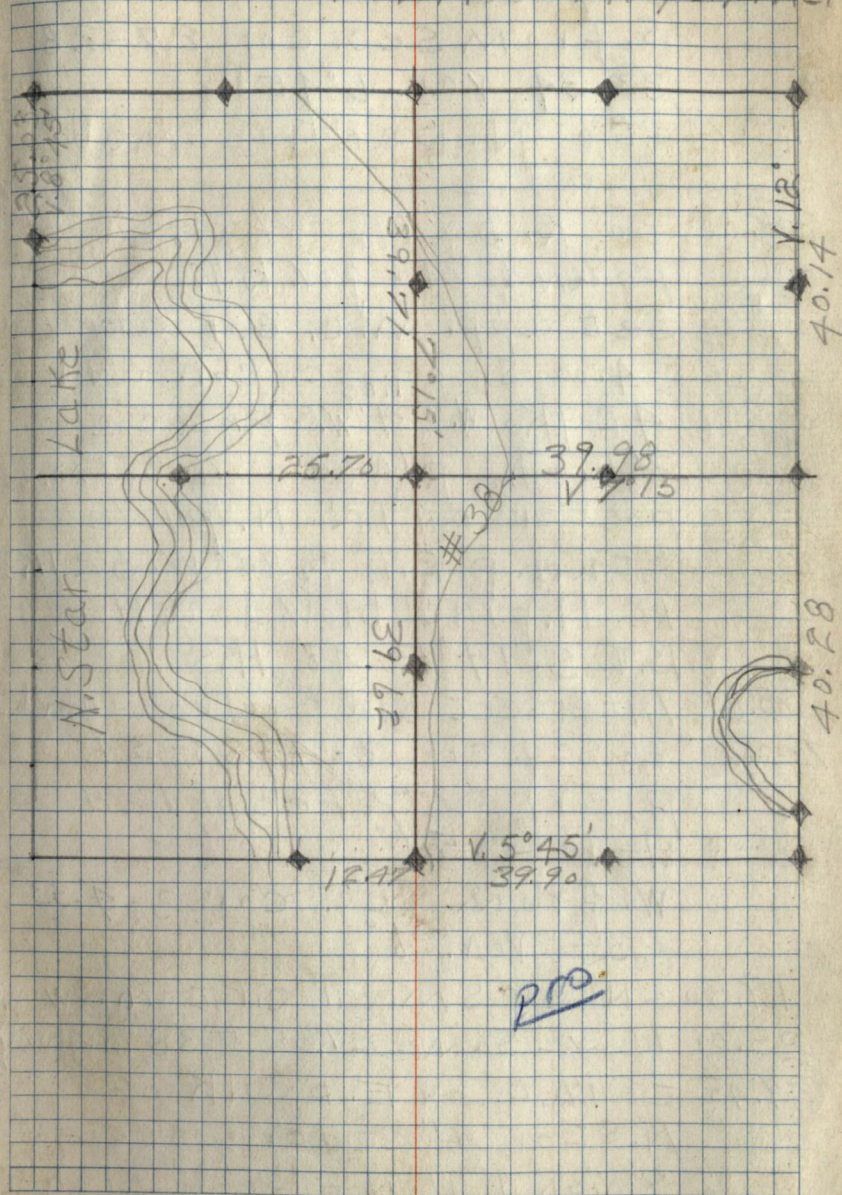
- 59.53 to #6 $\frac{1}{16}$ cor 4" cedar 3' high
1" iron pipe 6" high
placed U.S.F.S. poster
on 4" aspen B.T. S $51^{\circ}E$ 35 IKs
B.T. 5" aspen N $33^{\circ}E$ 51 IKs
- 79.33 to $\frac{1}{4}$ cor Sec. 29-33
1-8-35 ¹⁰⁰
W. from $\frac{1}{4}$ cor of Sec. 27-28
var $7^{\circ}15'$
- 19.97 to #8 $\frac{1}{16}$ cor. 4" cedar 3' high
1" iron pipe 6" high
placed U.S.F.S. poster on
7" aspen B.T. S $78^{\circ}E$.
36 IKs B.T. 5" aspen
N $17^{\circ}E$ DIS. 61 IKs
- 29.80 placed U.S.F.S. poster
telephone pole
- 30.30 intersect highway
#38
- 39.98 to center of Sec.
28
- 40.00 enter ash brs
N.W.-S.E
- 49.30 leave same

65.68 to M.C. on E. bank of
 N. Star Lake
 4" cedar 3' high 1"
 iron pipe 6" high
 post and B.T. are not
 scribed
 placed U.S.F.S.
 post on N 5" W. Birch
 B.T. S 53° E. Dis. 23 1/2
 B.T. 4" W. Birch N 76° E
 47 1/2

$$\begin{array}{r} 39.98 \\ 25.70 \\ \hline 65.68 \end{array}$$

pro

Sec. 28 T59 N R26 W. 4th Mer



32.20 to W. bank on point
of N. Star

38.85 to E. bank of lake

40.00 Marked point on
ice for $\frac{1}{4}$ cor.

1-11-35

44.76 to point

47.81 leave "

60.66 to M.C. on W. bank of
N. Star Lake

3' cedar post 3' high

Iron pin 6" high

placed U.S.F.S. poster

on 6" W. birch B.T.

S59° W. Dis 14 IKs

80.00 to Sec. cor 4-5-32-33

4" cedar 2'6" high

Iron pin 6" "

placed U.S.F.S. poster

on 5" W. Birch B.T.

S77° E 9 IKs

40" cedar stump B.T.

S2° W. 47 IKs

14" cedar B.T. Stump

S. 88° W 59 IKs

24" W. pine stump.

Due N. 80 IKs

1-19-35

N. from Sec. cor 4-5-32-33

Var 6°

20.00 enter Balsam cedar
spruce swamp
N. W. - S. E

25.27 old railroad grade

25.40 leave swamp

42.62 to S. bank of N Star
Lake

pp.

1-15-35

T59 N. R26 W.

So. from $\frac{1}{4}$ cor sec 28-33
 var 6° Mark stakes every
 2 chains

42.05 - intersect Logging road

57.50 - " So. $\frac{1}{16}$ line
 at 41 chains west of
 So. $\frac{1}{16}$ cor s. 33-34

66.50 - enter cedar and
 alder swamp bears
 N. and S.

75.24 - To N. bank of North
 Star lake

77.20 - Intersect E and W
 line on ice at 41
 chains west of sec
 cor 4-5-33-34

~~pro~~

11/17/35

T59N R26W

Set app. $\frac{1}{4}$ cor Sec. 33
 34 at 38.20 chains so. of
 Sec. cor 27-28-33-34 and 49.
 L. W. placed USFS on
 7" white pine. S 50° W 58
 Links.

West from app $\frac{1}{4}$ cor S. 33-
 34 N. 6° 15'

P. 2

Set 4" aspen post 3' high
at 59.34 E of S.C. 21-22-27-28
and 34 1/2 lks S. of line
placed U.S.F.S. poster on

6" aspen N 73° E 29 Li

Set 4" B. Spruce for 1/4 cor
at 39.56 E of S.C. 21-22-27-28
and 23 lks S. of line

placed U.S.F.S. poster on
6" aspen N 2° E 37 lks

Set 4" aspen post 3' high
for W 1/6 cor. of sec. 22-27
at 19.78 E. of sec. cor. 21

22-27-28 and 11 1/2 lks S.
of line. placed U.S.F.S.
poster on 7" aspen
N 35° E 37 lks

5-16-35

N. from Sec. cor. 21-22-27-28
Var. 11°

12.80 enter spruce brs N & S

25.10 leave "

43.59 enter cedar brs N.E
& S.W

53.35 leave

5-17-35

60.40 enter open meadow
61.00 cross brook
62.00 leave meadow
80.86 to sec. cor 15-16-21 & 22
previously recorded

20.21 1/2 set 4" B. Spruce 2' 6" high
for S 1/6 of Sec. 21 & 22
U.S.F.S. on 5" B. Spruce
Due W 35 Li

40.43 set 4" aspen 3' high for 1/4
cor. to sec. 21 & 22
U.S.F.S. on 7" aspen
S. 21 W 10 Li

60.64 set 3" Balsam 3' high
for N 1/6 cor. of sec
21 & 22 U.S.F.S. on
5" Balsam N 2 W 42 Li

25

5-20-35

E. from sec. cor. 15-16-21-22
var $8^{\circ}30'$

18.00 enter low cedar marsh

24.00 leave " " "

39.64 to $\frac{1}{4}$ cor. which 1.32

1 Ks N. of our line

cor. previously recorded

19.82 set 4" cedar 3' high for

W $\frac{1}{16}$ cor. of sec 15-22

66 1 Ks N. of line U.S.F.S

o N " cedar

old trail follows line from

sec. cor to $\frac{1}{4}$ cor.

5-21-35

E. from $\frac{1}{4}$ cor var 9°

2.00 enter ash-alder, Balsam

prs N.E & S.W.

5.60 leave

10.81 enter edge of large
tam which lies N. of line

14.20 leave

24.77 enter muskeg prs. NE & SW

33.6 leave

37.45 intersect Big Ole Road

39.52 to Sec. cor. 14-15-22 & 23
previously recorded

1976 Set E. $\frac{1}{16}$ to sec. 15-22
U.S.F.

pro

5-22-35

S. from sec. cor 14-15-22 & 23
var 5° (local attraction)

81.50 intersect E.W sec
line to far W.

will remain same

5-23-35

S. from sec. cor 14-15-22-23
var ?

7.65 enter spruce prs N-E & S.W

30.00 leave " "

33.00 U.S.F.S. on 5" aspen

33.20 intersect Marcell Big Ole road

43.80 enter spruce prs E & W

45.20 leave " " 8-24-35

81.42 intersect E & W sec line

446 E. of sec cor 22-23

26 & 27

61.06 $\frac{1}{2}$ S $\frac{1}{16}$ 4" N. pine 36" high

U.S.F.S. on 5" B. Spruce

S 17° E 9 L

✓

40.71 set 4" ~~Aspen~~ ^{Aspen} post
and 220 W. of line
U.S.F.S on 7" B. Spruce
S. 28 E Dis. 21 LI

20.36 $\frac{1}{2}$ set 3" B. Spruce
for N $\frac{1}{16}$ cor to
sec. 22 & 23 and
110 Lks W.

U.S.F.S on 5" B. Spruce
S. 47° E Dis. 34 LI
5-27-35

S. true line from
sec. cor. 14-15-22-23
var 12°

81.42 to sec. cor. 21-22-26
& 27 20 lks W. of cor.
5-28-35

W. from $\frac{1}{4}$ cor of sec.
22 & 23 var 13°

to $\frac{1}{4}$ cor. of sec. 21 & 22
2.65 N. of post
5-29-35

W. from $\frac{1}{4}$ cor on true
line var. on 14°50'

5-31-35

13.50 leave spruce swp.

13.70 enter

28.39 leave prs N.W & S.W

32.43 enter spruce which
borders lake.

38.00 to E. shore of lake

unable to get an angle

on cross shot on lake

as it is to Marsh will
chain back from $\frac{1}{4}$ Sec. 21 & 22
intersect N & S. sec. line

20 lks N. of $\frac{1}{4}$ cor. 21 & 22

chaining E. from same

12.50 enter swamp bordering
lake

16.00 to W bank of lake

~~P.O.~~

6-3-35

W. from S 1/4 1/4 cor. Sec.
22 & 23 Var. 9°

8.00 enter cedar bordering
lake

16.80 E. shore of Lake
Var. North is N. 54° 15' W

24.39 to W. shore of Lake

28.20 leave SWP. bordering lake

6-6-35

32.00 enter alder brs N.W. & S.E.

37.50 leave " " " "

58.50 enter cedar brs N.W. & S.W.

64.00 leave

76.00 enter spruce

78.60 intersect N & S line

14 IKs N. of S 1/4 200

6-7-35

N. from E 1/4 1/4 cor. S. 22-27
Var 54°

7.00 enter spruce bordering
to S.E. shore of Lake

8.40 enter spruce brs
N.W. & S.E.

15.00 intersect E & W 1/4 line
at 20.76 W. of 1/4 cor

Set 4" spruce 3' high at 20.00

W. of 1/4 and 15 IKs N. of line

U.S.F.S. on 4" B. Spruce

S. 38° E. Dis. 19 LI

6-8-35

N. from #8 1/4 cor. Var. 54°

106.0 enter spruce + cedar swamp

26.18 leave swamp enter Norway pine

29.90 intersect logging trail

42.59 intersect E & W Sec. line at
40 IKs W. of E 1/4 S. 22+15
corner previously recorded

6-12-35

W. from 1/4 S 22+23 Var 10°

79.0 leave spruce swamp

89.4 intersect Marcel + Big Ole
trail placed U.S.F.S. poster
on 5" Aspen

17.50 enter spruce swamp

26.08 intersect E 1/4 line. Set
#1 1/4 cor. 19.88 chs W. of E 1/4
S 22+23+20 IKs set line 4"
black spruce 3' high, placed
U.S.F.S. poster on 5" balsam

N 24° E. Dis. 12 IKs
6-13-35

W. from #1 1/4 AC

24.58 leave swamp

37.18 enter spruce swamp

46.80 to E shore of lake

52.80 to W shore " "

71.30 cross brook

77.80 enter meadow

78.42 intersect N. SL. at 89 IKs W.
of 1/4 c.

6-17-35

North from W $\frac{1}{16}$ cor. S. 22-27

Var. 20° to 22°

5.25 enter willow swamp br. due E+W

6.32 leave " "

20.15 enter cedar swamp

20.77 intersect S. $\frac{1}{16}$ line at 19.86 chs. W. of

no. 6 $\frac{1}{16}$ cor. Set $\frac{1}{16}$ cor. #5 3 $\frac{1}{2}$ "
balsam 3' high. Placed U.S.F.S. poster
on 14" cedar N. 26° E. Dist. 9 lks.

6-18-35

North from #5 $\frac{1}{16}$

16.40 leave cedar swamp

20.29 intersect E+W. $\frac{1}{4}$ line at 17.39 chsE. of $\frac{1}{4}$ C. S. 22-21Set #4 $\frac{1}{16}$ cor. 4" balsam 3' high.

Place U.S.F.S. poster on 10" tamarack

S. 44° E. Dist. 10.2 lks.

6-19-35

North from #4 $\frac{1}{16}$ cor.

4.12 leave swamp

9.60 enter alder swamp

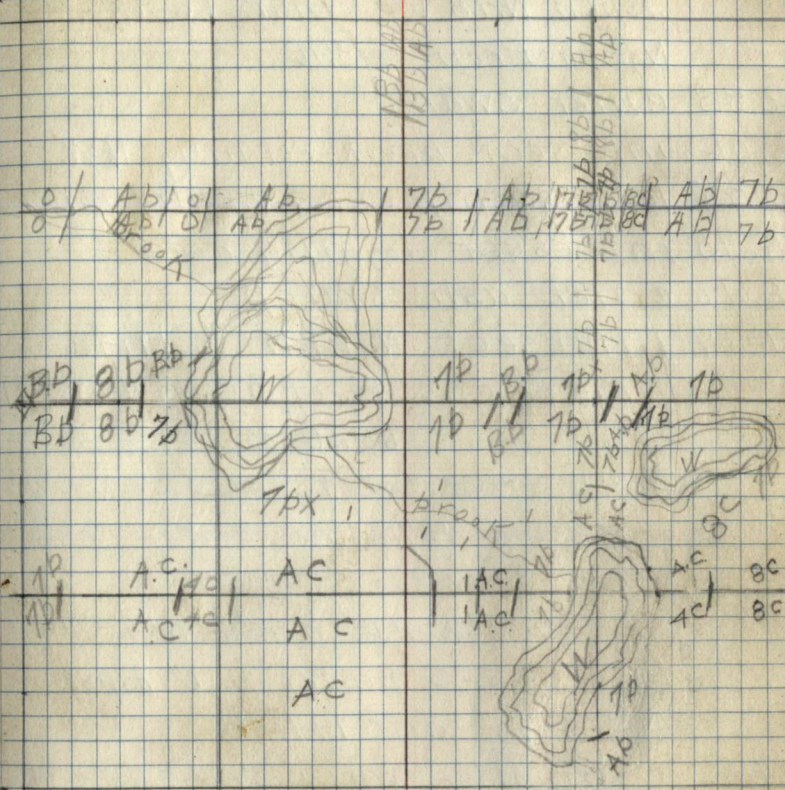
14.50 enter meadow br. NW. + SE

18.70 cross brook

20.82 intersect N. $\frac{1}{16}$ line at 17.22 chsE. of N. $\frac{1}{16}$ cor. S. 22-21

N

SUBDIVISION OF Sec. 22



Set #3 $\frac{1}{4}$ Cor. 4" Aspen 3'
high, Place U.S.F.S. Poster on 6"
Aspen N. 18° W. Dist. 66 lks.

North from #3 $\frac{1}{16}$

2.83 enter swamp
6.06 intersect brook running N.W.
10.35 leave swamp, enter virgin timber
15.75 intersect logging road
18.40 enter ash swamp
19.77 intersect North S. line
at 18.80 chs. E. of S.C. 15-16-22-21

6-20-35

North from $\frac{1}{4}$ Cor. S. 22-27 Var. 20"

20.72 intersect S. $\frac{1}{16}$ line at 40.17 chs
W. of S. $\frac{1}{16}$ Cor. S. 22-23

Set $\frac{1}{16}$ Cor. #6 4" Aspen 3' high
Placed U.S.F.S. poster on 6" Aspen
N. 73° W. dist. 19 links

1.80 enter Alder swp bearing N.W. + S.E.
8.46 leave S. " " "
12.00 enter grassy swamp
16.72 reach S. shore of lake Set M.C.
4" Aspen 3' high. Too marshy
to get cross shot on lake will
chain back from N. Section line

6-21-35

North from N. shore of lake
4.68 leave swamp
9.38 enter " bearing N.W. + S.E.
15.50 intersect N. $\frac{1}{16}$ line set #2
 $\frac{1}{16}$ Cor. 4" W. Birch 3' high
place U.S.F.S. poster on 10"
W. PINE N. 44° W. 62 lks.
North from #2 $\frac{1}{16}$ Cor.
7.48 enter black ash swamp br
N.E. + S.W.
11.18 leave swamp
18.11 intersect logging trail
20.98 intersect N. S. line at 88 lks
W. of $\frac{1}{4}$ C. 15-22 corner
previously set + recorded

Sec. 14-57-26

1		W	Ab	3b
8M		3b	Ab	W
		Ab	3b	read
M		3b	Ab	Ab
C				W
				read
		W	Ab	1
		Ab	Ab	Ab
1	Mc 7b M C Ab W W W Ab	W	AC	Ab
		Ab	W	Ac
				3b
				Bb
				W
				1
1	Bb W Mc W Ab W	Ab	1	1
Ab			Ab	7b
1b		AC		AC
Ab			W	7b
Mc	Mc W W AC W W			Ab W Ab 7b

6/18/35

S. from Sec. Cor 11-12-13-14

Var. 5'30"

Pages 138-145
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6-10-36 T58N R26W

W on Town line from Sec
corner 32-33-4-5

Var N 8°

18.84 Intersect road

20.00 Marked $\frac{1}{4}$ corner, Failed
To find corner post

32.00 Entered brush swamp

34.00 Left swamp

40.00 Marked $\frac{1}{4}$ corner, Failed
To find corner post60.00 Marked $\frac{1}{4}$ corner, Failed
To find corner.79.51 Section corner 32-31-5-6
due N 49 links. Found
four bearing trees.Bal 12" N $55^{\circ}E$ 23 linksCedar 14" N $20^{\circ}W$ 52 links

Cedar 8" due south 43 links

Balsam 8" S $50^{\circ}E$ 2 linksPut up U.S.F.S. poster
on Balsam 8" dia on
the S.E. side of tree.From which corner
bears SE .02 chains

(Remarks: Land hilly,

Sec. 32 T58N R26W

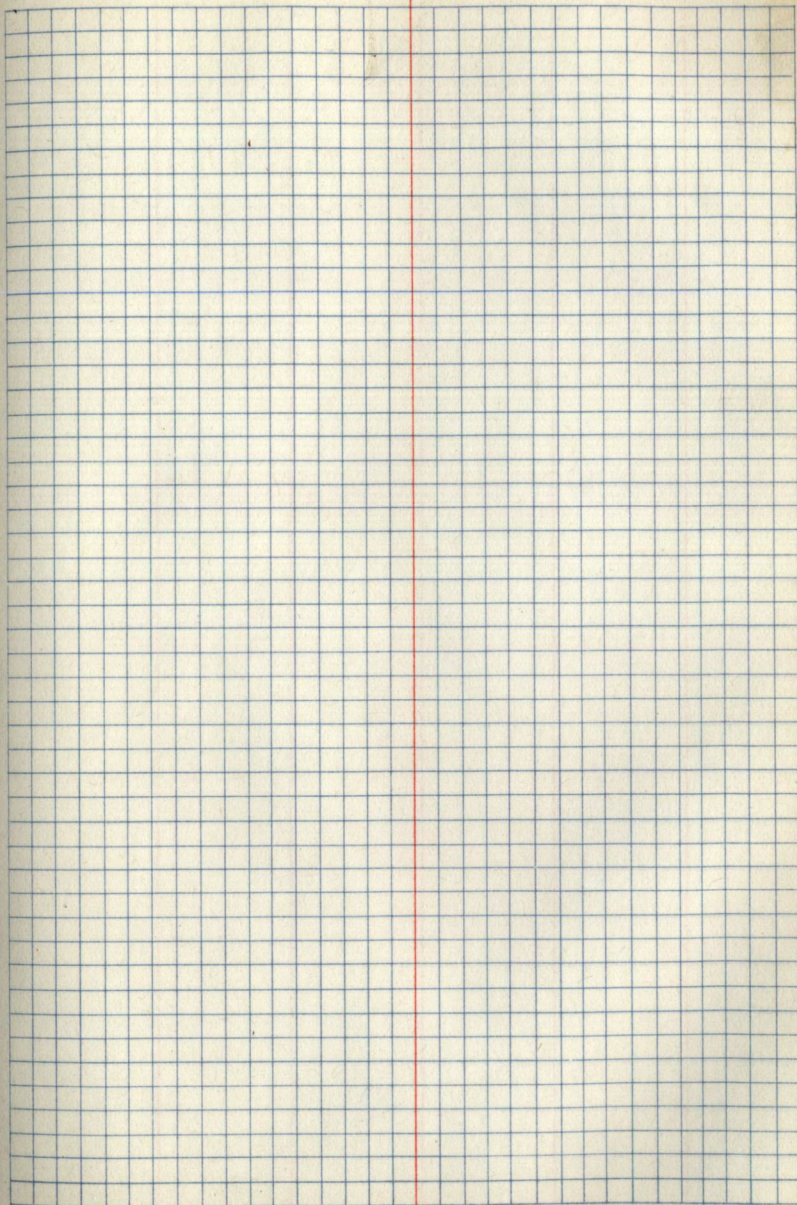
N

W

E

19.51 20.00 20.00 20.00

Soil good, second growth
of Aspen and birch.

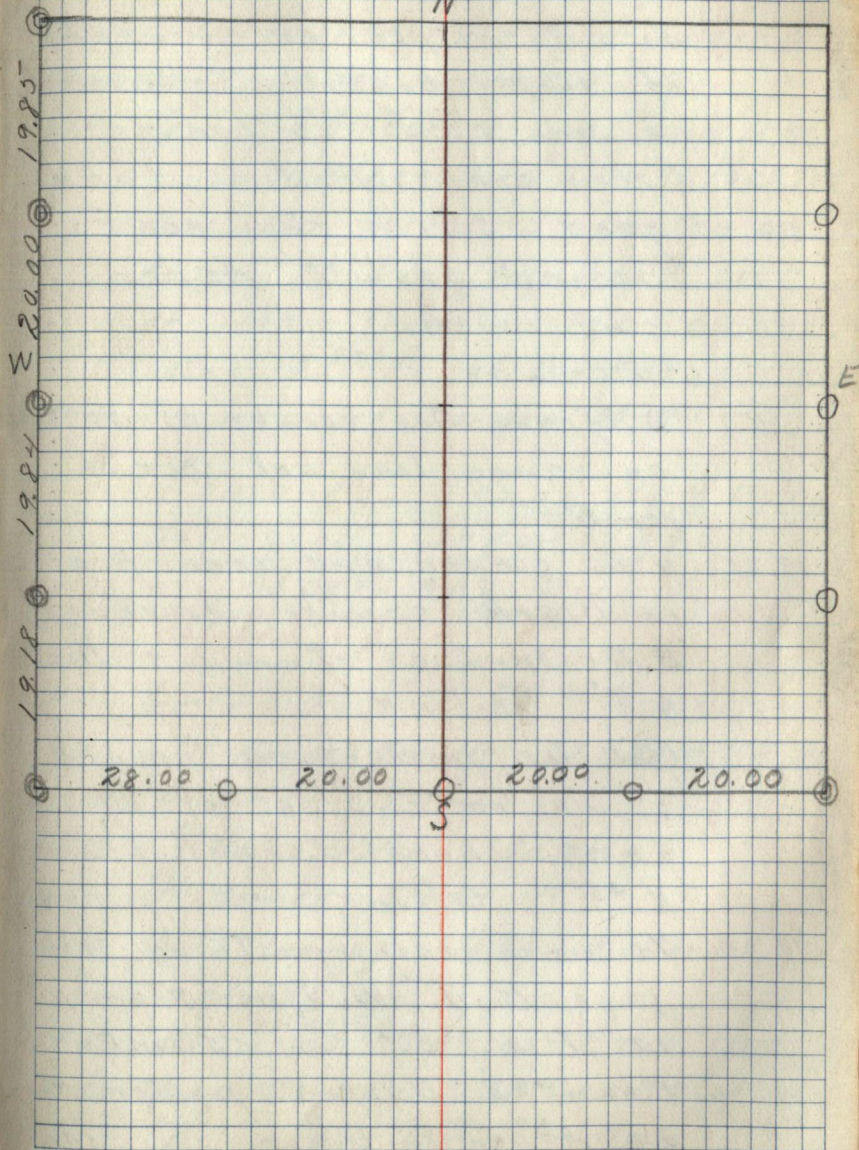


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6-15-36 T 58 N R 26 W
 W on Town line from
 Sec Corner 32-31-5-6
 Var N6°

- 8.00 Enter brush swamp
 13.00 Leave swamp
 20.00 Failed to find $\frac{1}{4}$ corner
 post, put up marked
 stake
 22.00 Enter brush swamp
 26.00 Left same swamp
 40.00 failed to find $\frac{1}{4}$ corner,
 Left marked stake. Entered
 Ash swamp.
 43.00 Left same swamp
 46.00 Entered brush swamp
 52.00 left same swamp.
 82.00 jogged line 20' N and
 running on N6° continued
 To corner
 88.00 Found sec corner 36-31-1-6
 Tamarack post 4" x 4" x 36"
 in good condition Iron
 pipe at corner denoting
 county survey.
 Bearing tree W. Pine 24"

Sec 31 T 58 N R 26 W
 N



Dia. N 13° W 91 Links

Put up U.S.F.S. poster
on 9" Aspen on W side
of line bearing to the
corner S 51° E 66 Links

(Remarks: Pulling Land
good soil. Few rocks.
Second growth Aspen
and birch.)

6-22-36

S from Sec corner 31-30-36-25

on range line bet. 31 + 36

Var N 4°

19.85 N $\frac{1}{4}$ corner and iron pipe
in Black spruce coverage
B.T. Spruce stump 9" Dia
N 30° W 26 Links

Put up poster on Spruce
6" Dia. on E side of line
from which corner bears
N 43° W 15 Links

39.85 $\frac{1}{4}$ Corner cedar post and iron
pipe B.T. W. Pine stump
12" Dia. S 65° E 55 Links
Mounted U.S.F.S. poster
on Aspen 8" Dia on W side

of line from which corner
bears N 4° E 45 Links

42.00 Enter mixed Hardwood swamp

44.00 Left same swamp

59.68 Found S $\frac{1}{4}$ corner post and iron
pipe No bearing Trees located
Mounted U.S.F.S. poster on
Aspen 8" Dia. on West side
of line from which corner
bears S 23° E 66 Links

79.87 Found Sec Corner 36-31-1-6

(Remarks: Land very hilly
Soil good, second growth
of Aspen and Birch)

Checked 6/23 - 4/13/37 B6.

6-15-36 T 58 R 26

N From Sec A 32-31-58-26

+ 5-6 - 57-26

20.00 S $\frac{1}{4}$ Corner Stake

40.00 $\frac{1}{4}$ Corner Stake

60.00 N $\frac{1}{4}$ Corner Stake. Waterhole
1 chn E

72.47 N+S line Crosses E+W line

80.00 App Corner 3.38 Chns E of line
(Remarks: 8 To 40 chns

good planting area. Second growth of Aspen.

6:22-36 N 1/4 Corner S on 1/4 line
Sec 31 Var N 8°

2000 N 1/4 corner post set 1.28
chns w of line

40.00 1/4 corner post set 2.6 chn W
of line. Mounted U.S.F.S
poster on Birch 6" Dia 1.28
chns due W To Corner. 21
Links w of R line.

54.00 Enter brush swamp

57.00 Left same swamp. Small
lake 1/2 chn W.

60.00 S 1/4 corner post. U.S.F.S.
poster on 5" Aspen S 20 W
64 Links.

80.00 1/4 corner on South E & W
line of sec 31

20.00 N 1/4 corner U.S.F.S poster on
3" Birch 1 chn. due W of
Random line.

Remarks: Mixed Hard Wood
saplings. Hilly land.

Chub...
P.P.

...
P.P.

DIRECTIONS FOR USE OF TABLES

TABLE No. 1

Distance of slope stake from side or shoulder
stake for any width roadway, slope 1% to 10%
If ground is nearly level, the cut or fill at side
stake is located by the double entry method in
left column and top row. The number in body
of table in same row and column gives distance

IMPROVED TABLES

AND

INFORMATION

TABLE No. 2

To find tangent and external for curve of
any other degree divide by degree of curve and
add correction found in column of correction.
Degree of curve with a given length is found
by dividing tangent (or external) opposite L by
given tangent (or external).
The distance from a point on the tangent to
the curve is very nearly the square of the tangent
length divided by twice the radius.