

Field Book 187

LEVEL BOOK

Survey Notes

by

Herace D. Dinslow

for

Sec. 33-34-29

INDEX

Survey Sec. 33-144-29.

1-10

Copy of Govt Field Notes

S $\frac{1}{2}$ T144 N - R29 W.

10-29

~~74~~

10.90

24.90

✓
✓
✓

21.50

4.00

4.50

42.5

37.5

40 X 10

30 X 15

25 X 37

05 X 75

Oct. 25, 1923

Survey of Sec 33-144-29

Lat. $47^{\circ}15'N$. Long. $94^{\circ}30'W$

From Secular Change Tables

(USGS) Special Publication No 90 page 12:-

Oct 1873 Declination

Hibbing $9^{\circ}25'$

Bagley $12^{\circ}06'$ } Mean $10^{\circ}45'E$

Oct 1923 Declination

Hibbing $7^{\circ}09'$

Bagley $10^{\circ}13'$ } Mean $8^{\circ}41'E$

$$10^{\circ}45' - 8^{\circ}41' = 2^{\circ}04'$$

Var. used on original Sur $10^{\circ}35'S$

$$10^{\circ}35' - 2^{\circ}04' = 8^{\circ}31'E$$

= Var. to be used now

Note:-

Declination and Var. are used
synonomously here.

Oct 27 1923

Found the 12" Cedar BT for the
S.W. Cor of Sec 33-144-29.

The tree was down and partially
buried in the sand, but the markings
were plainly visible and the roots
of tree were still in the ground

From this tree I located the point
for S.W. Cor of Sec 33 and put down
a 4 inch iron pipe imbedded in a
concrete block approx. 3ft square and
3ft deep marking the Sec. numbers
and my name on the top

thus:-

Dunaway
32 33
5 4

from which

an 8" Cedar bears N35-20E 188 ft

a 14" Spruce " N31-45W 295 ft

large pyramidal rock 10ft from shore

in Lake bears S56-50E 122 ft

Both Trees are blazed

Witnesses to this newly^{re} established
corner were Mr. and Mrs.

W.S. Moscrip Lake Elmo, Minn.

H.M. Zaiser Federal Dam "

Frank Getchell Bemidji "

Edw. Rawley Federal Dam "

L.C. Simons St. Paul "

Dr. Erb (State Timber Dept) Cass Lake, Minn.

John Greene, Co Surveyor Walker "

Horace Dunaway Elbow Lake "

Oct 29 1923

Var 8° 30' East

at SW Cor Sec 33-144-29
thence East to shore of Leech
Lake 185 ft.

at SW Cor Sec 33-144-29
thence North
150 ft enter E. edge Birch & Balsam
350 " leave " " "
and continue in swamp
2640 ft. No trace of 1/4 corner
2740 ft. Leave swamp, enter poplar ridge
3200 ft. Enter small round swamp
3350 ft. Leave " " "
3700 ft. Ascend to Birch & poplar high
ground
4050 " Sucker Bay road
5097 " Cross Line cut E & W
5275 To 2^d line " "
and call this point Sta. A

Note,
No trace of Sec. Cor. or Bearing
Trees, and no Tamarack Trees at all.
in this vicinity.

Var 8-30 E

4

Oct 30 1923

From Sta A (preceding page)
I ran N 81-35 W 1804 feet to
a North and South line, cut from
N.W. Cor of Sec 28 to the South
line of the Township, and
set Station B.

Then I followed North on this line and
found a stake at N.W. Cor of Sec 28
Witnessed by two original Bearing Trees
the Birch and the Elm
Thence I measured along said N & S. Line

S 2-45 W
4721 feet to point called Sta D
5009 " to Sta B.
5274 " to point called Sta C-
Thence due East 1798' to Sta A

716 trace of 1/4 Sec Cor. at 2640

3

11-12

1.500

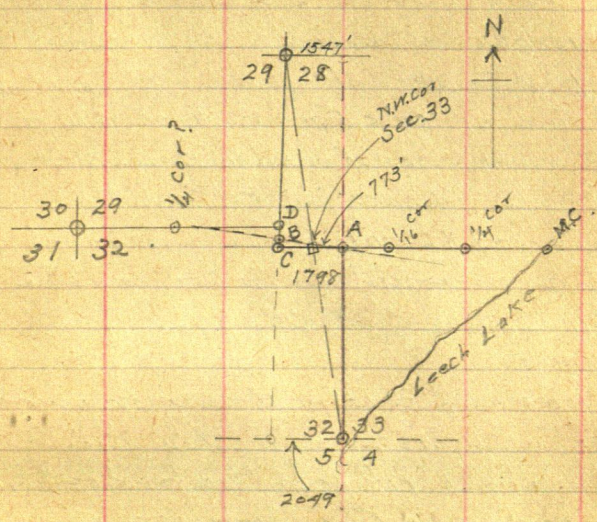
100

2

or

Year

No



Note: Direction of line from
SW Corner of Sec 33 to N.W.
Corner of Sec. 28 is $N. 8^{\circ} 20' W.$

Var $8^{\circ}30' E$

Oct 31 1923

Begin at a point 178 ft South
of Sta. A

Thence by $275^{\circ}30' = S89^{\circ}30'E$ 570 ft

Thence $180^{\circ}10' = N0^{\circ}10'E$ 2371 "

to an angle in old cut line

Thence $N2^{\circ}40'E$ 3038 ft

to pt. marked for $\frac{1}{4}$ Cor. on the
North side of Sec 28

Note No indication of any original
witness trees and this point
is about ¹⁰⁰300 feet too far South
according to the location of
the Northwest Cor. Sec 28
Also about 375 feet too far west.

From this point I followed an
old cut out line $267^{\circ}00' = N87^{\circ}00'E$
400 ft cross logging road

1278. cross old cut out line N & S.

2300 " to " " " " N & S.

Thence $S0^{\circ}20'W$ 129 ft

to a post for N.E. Cor Sec 28.

see letter p 10 J. M. Greene.

At this point, which is $S89^{\circ}30'E$
2296 ft from the $\frac{1}{4}$ Cor. noted
above, there are no signs
of witness original witness trees
and I do not believe either one
of these corners is correct, tho
they have been well marked
H. Dunaway

Jan 8-30 E

7

Nov 1 1923

Beginning at Sta A (See sketch page 5)

Thence due West

550 ft cross tote road

1675 " " old blazed line

1798 " to Gatchell line at Sta C. 264 ft
south of Sta B and 553 ft
South of Sta D

At a point 773 ft due West of Sta A,
I drove a $1\frac{1}{2}$ " iron pipe and marked
Bearing Trees to reestablish the N.W.
Cor. of Sec 33.

This point is on a straight line ^{half way} between
the S.W. Cor. of Sec. 33 & N.W. Cor. of
Sec 28 and half way between these
two known Corners.

(See Note & sketch page 5)

B.T.	16"	Poplar	bears N.W.	16.5 ft.
"	14"	"	" S.W.	25.6 ft
"	10"	"	" S.E.	24.8 ft
"	14"	"	" N.E.	26.3 ft

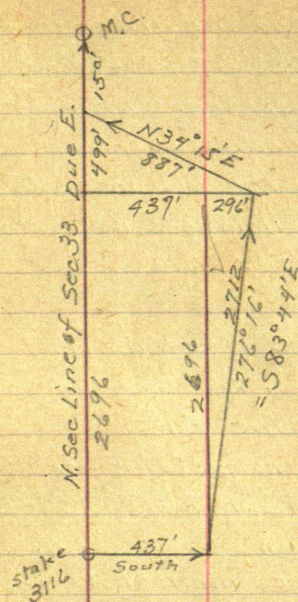
All trees Blazed and marked
with a cross X (No nails)

North Line of Sec 33

Beginning at Northwest Cor
of Sec 33 as now reestablished

Thence due East

- 773 ft Sta A.
 - 1183 " Enter narrow neck of swamp
 - 1283 " leave " " "
 - 1343 " Cross a N&S. cut out line
 - 2663 " Bottom of ravine running South
 - *3116 " Stake in East edge of logging road
 - (3700 " Beginning of Swamp
 - *3300 " Approx. end of Cutting by logging Co.
 - 6461 " to Point for Meander Corner
- It is 1100 feet further across the
sand to the lake shore (Iak Water,
Leech Lake)



* From Stake at 3116 ft. (opposite page)
I ran the line through to the Lake and
to the M.C. as indicated by the arrow
heads in the above sketch, as this
line was already cut out, and later
then ran ahead on Sec Line far
enough to set the 1/4 Sec. Cor.

North Line of Sec. 33 Contd.

after getting the distance from the N.W. Cor. of Sec. 33, due East to the Meander Cor. at Leech Lake 1 set marks for Subdivision Corners, as follows: proportioning the distances to correspond with distances as given in the Original Survey Notes.

Beginning at the N.W. Cor. of Sec. 33 or the Cor. for Secs. 28-29-32-33

Thence due East

2067 ft set iron stake for $\frac{1}{16}$ Cor

a 12" Maple bears S 20° E 26 $\frac{3}{4}$ ft

6" " " N.W. 15 $\frac{1}{2}$ ft

Both trees marked with a cross X

4134 ft set iron stake for $\frac{1}{4}$ Cor bet^{Sec.} 28 & 33

a 6" Poplar bears S.W. 4.7 ft

6" " " N.W. 12.5 ft

Both trees blazed and marked with nail in cross X

6461 ft set stake for M.C. (wood)

18" Tamarack Stub S 55° E 17 ft

16" Cedar N 55° W 56 ft

Trees are dry

Trees blazed & marked with Nails

9
State of Minnesota } ss.
County of Grant

Horace Dunaway, being first duly sworn, says that he is now and during the last past twenty years has been a Civil Engineer and Surveyor; that between the 25th day of Oct. 1923 and the 9th day of Nov. 1923, he made a survey of the following described land:-
Sec. No. 33, Twp. 144 N., R. 29 W. of the 5th P. M., in Cass Co. Minn. That at the time of making such survey, he made field notes and memoranda thereof and that the foregoing field notes and memoranda is a true and correct copy and statement of such field notes and survey so made at that time, and that the same is a full, true and correct statement and copy of said field notes and survey so made. That permanent monuments were set on the ground as shown in the field notes.

Horace Dunaway

Subscribed and sworn to before me this 5th day of December 1923.

E. J. Scofield (E. J. Scofield)
Notary Public, Grant Co., Minn.
My Commission expires May 17, 1925.

December 10, 1925.

Mr. John Greene,
County Surveyor,
Walker, Minn.

Dear Sir:-

Referring to the book of notes which I mailed you on the 7th inst., for recording.

On page 6 there is a note reading:- "No indication of any original Witness trees and this point is about 300 feet too far South according to the location of the N.W.Cor. of Sec. 28, also about 375 feet too far West."

In this note the distance ~~is~~ "300 feet too far South" should read "100 feet too far South"

Will you kindly change this 3 to a 1, I am making this correction on the copy ~~of~~ that I retained.

Yours truly,

Horace Dunaway

Copy of Gov't Field Notes of
the South $\frac{1}{2}$ of Tp. 144 N. R. 29 W

Post Cor. Tps. 143 & 144 R. 29 & 30

Cedar 20" N. 41 E. 11 lks.

" 18" N. 43 W. 14 "

Fir. 14" S. 34 W. 12 "

" 10" S. 8 E. 9 "

South Boundary

East true line bet. secs 6 & 3

Var. 11° 10' E.

28.00 Cedar & Tam. Swps brs N. & S.

40.00 Set $\frac{1}{4}$ Sec. post

Cedar 4" N. 54 E. 13

" 4" S. 57 W. 9

70.00 Lv. swamp

80.00 Set Post Cor. 5-6-31-32

Cedar N. 88 E. 20

Fir N. 64 W. 8

Fir S. 63 W. 15

Cedar S. 60 E. 18

Tam & Cedar Maple Birch

Surface level, Soil good

East true line between
Secs 5 & 32 Var. 11° 10'

40.00 Set $\frac{1}{4}$ Sec. post

Y. Birch 14 N. 80 W. 13

" " 8 S. 82 W. 8

44.00 Creek 12 lks. wide runs S. E.

Windfall, Cedar & Tam. swamp

80.00 Set post Cor. Sec's

4-5-32-33

Cedar 15 N. 85 E. 75

" 12 N. 79 W. 55

" 7 S. 87 W. 83

" 8 S. 87 E. 49

Surface level & wet.

Soil 2nd rate

Cedar, Tamarac, Maple & Birch
timber.

East true line bet.
Sec's 4 & 33

2.00 Iv. Swamp brs. N. & S.
and across sand ridge

4.00 Int West bank of
Leech Lake and set
post for M.C. for
fractional Sections
4 & 33

W. Birch 5 N. 79° W 180

" " 4 S. 82° W 186

Sandy beach, Rushes & grass
growing near shore in lake

July 19-1873

West Boundary

North true line bet.

Sec's 31 & 36 Var. 10° 45' E.

25.17 Intersect South bank of
Leech Lake & set M.C. for
fractional sec's 31 & 36

W. Oak 14 N. 51° E. 23

W. Birch 12 S. 26° W. 51

Timber - Birch, Maple, Oak
Lind. Surface rolling, good
soil. Cause flag to be
set line on North bank

180
24
156
119.46

24 264
118
145

12

of lake. Offset east
10.00 chains. - Course
brs. on flag N. 4° 50' W.
distance over lake 118.26

40.00 Point for 1/4 Cor. in Lake

80.00 " " Sec. " " "

North true line bet.

Sec's 25 & 30 Var. 10° 55' E.

40.00 Point for 1/4 sec. Cor.
in Lake,

63.43 North bank of Lake, set
post for M.C. to frac. sec's
25 & 30 W. Birch 5 N. 19° W. 20
Spruce 5 N. 42° E. 12

80.00 Set post cor. sec's
19-24-25 & 30

Sugar Maple 6 N 75° E. 30

" " 4 N 10° W. 14

" " 4 S 40° W. 16

W. Elm 20 S 57° E. 21

Surface rolling, soil good
Timber - Maple, Elm,
Spruce, Birch, Cedar,

North true line bet. 19 & 24

40.00 Set $\frac{1}{4}$ Sec Post. Var. $10^{\circ}55'E$.
 Sugar Maple 6 N. $50^{\circ}E$. 17
 " " 4 S. $58^{\circ}W$. 25

80.00 Set Post Cor. to Sec's
 13-18-19-24

Fir 5" N. $56^{\circ}E$ 10
 Lind 4" N. $13^{\circ}W$ 20
 Sugar Maple 4 S. $75^{\circ}W$. 12
 Y. Birch 24 S. $20^{\circ}E$. 26
 Sugar Maple, Fir, Birch, Oak
 and Lind.

Surface level, soil good.

July 2-1873

P. H. Conger - Dep'y Surveyor.

Sub-division Lines

13

Post Cor. 13-14-23-24

Tam 6 S. $19^{\circ}W$ 20

" 6 S. $27^{\circ}E$. 31

" 5 N. $13^{\circ}W$. 80

" 5 N. $21^{\circ}E$ 38

East betw. Sec's 13 & 24
 Var. $10^{\circ}30'E$.

40.00 Set $\frac{1}{4}$ sec. post

Tam 3 S. $19^{\circ}E$. 73

" 3 N. $13^{\circ}W$. 67

40.97 Intersect Leech Lake
 and set post for M.C.

Tam 6 N. $70^{\circ}W$. 81

Poplar 4 S. $87^{\circ}W$. 76

4 1/2 cedar & Tam. Soil 3rd date.

South between Secs 13 & 24

19.03 Intersect Var. $10^{\circ}30'E$

Leech Lake

Set post for M.C.

Poplar 5" N. $17^{\circ}E$ 83

Tam 4" N. $36^{\circ}W$. 70

Oct. 16

West true line bet. sec's

14 & 23 Var. 10°30'E
 40.00 Set 1/4 Sec. post
 Spruce 4 N. 11°W 18
 Tarn 6 S. 22°E 40
 70.00 Leave Spruce swamp
 80.00 Set Post Cor. Sec's
 14-15-22-23
 Maple 7 N. 55°E 11
 " 6 S. 56°E 17
 Linden 13 S. 21°W 18
 Maple 3 N. 23°W 12
 Surface level Soil
 unfit for cultivation

South true line bet. 22 & 23

Var. 10°30'E
 40.00 Set post for 1/4 Sec. Cor.
 Maple 6" N. 20°E. 18
 Basswood 6" S. 22°W. 30
 50.00 Enter tarn & cedar
 swamp.
 75.46 Intersect Leech Lake
 & set M.C.
 Elm 6 N. 27°E. 48
 Ash 12 S. 37°W. 57
 Surface level Soil 1st rate
 Timber general assortment

West true line bet

Sec's 15 & 22

40.00 Set $\frac{1}{4}$ sec. post

Birch 6 N. 45 W 9

No other trees near

80.00 Set post Cor. 15-16-21-22

Ash 7 S. 53 E 28

Poplar 10 N. 67 E 21

" 9 N 33 W 34

Maple 6 S. 52 W 31

Surface rolling, Soil 1st Rate

South true line bet.

Sec's 21 & 22

15.00 Enter Tam. Swamp Var. $10^{\circ}30' E$.

30.00 Leave swp. N. W. - S. E.

Enter dead Poplar & Pine
E. & W.

40.00 Set $\frac{1}{4}$ Sec. post

Maple 6" N. 65° E 37

Ironwood 3" N. 35° W 42

80.00 Set post Cor 21-22-27-28

Balsam 4 N. 56 W. 27

" 4 N. 80 E. 15

" 4 S. 59 W. 10

" 5 S. 14 E. 33

Rolling, General Assort-
ment of timber.

Soil 2nd rate,

East true line bet

Sec's 22 & 27 Var. $10^{\circ}35'E$

4.00 Enter dead Tam. sup N.E.S.

15.00 Windfall N. & S

40.00 Set $\frac{1}{4}$ sec. post

Cedar 10 N. $8^{\circ}E$. 11

Tam 6 S. $20^{\circ}E$. 19

65.46 Intersect Leech Lake

& set M.C.

Mable 6" N. 70 W 36

Cedar 5" N. 85 W. 46

Level, Soil unfit for
cultivation.

South between 27-28

Var. $10^{\circ}35'E$

17.00 Enter Tamarac windfall

N.E. & S.W.

40.00 Set post for $\frac{1}{4}$ Sec. Cor.

Tam. 5" S. $65^{\circ}E$. 8

No other tree standing.

68.80 Intersect Leech Lake

and set M.C.

Cedar 10 N. $17^{\circ}E$. 54

" 3 S. $87^{\circ}W$. 63

Timber, Ced-Tam. Soil 3rd rate

North betw. Sec's 32 & 33

Var. $10^{\circ}35'E$.

- 6.00 Enter Tam Sub.
 40.00 Set $\frac{1}{4}$ sec. post
 Tam 5 + v 6 $4'' S. 11 W. 119$
 " " $6'' N. 29 E 206$
 80.00 Set post Cor. to Sec's
 28-29-32-33
 Tam 6 $S. 42 W 32$
 " 8 $N. 40 W 43$
 " 6 $S. 25 E. 26$
 " 7 $N. 22 E 11$

All swamp, surface
 level soil worthless,

East true line bet.

28-33 Var. $10^{\circ}35'E$

- 40.00 Set Post for $\frac{1}{4}$ Sec. Cor.
 Dead Cedar Root $N. 22^{\circ} E. 6$
 62.51 Intersect Lake and set
 post for M.C.
 Dead Cedar $12 N. 73 W 84$
 " Tam 14 $S. 84 W. 76$
 Timber all dead and much
 of it fallen - Soil unfit
 for cultivation - Oct. 22.

North bet. sec's 28 & 29

Var. 10235'E.

- 5.00 Leave windfall S.W. & N.E.
 15.00 " dead pine N.W. & S.E.
 40.00 Set $\frac{1}{4}$ Sec. Post
 Spruce 12" N. 76° W. 20
 No other trees near
 79.00 Leave Low bottom land,
 80.00 Set Post Cor. Sec's
 20-21-28-29
 Birch 16 S. 15° W 54
 Elm 12 S. 23° E. 58
 Maple 6 N. 26° W 17
 Basswood 6 N. 10° W. 37

18

East Random between

21-28. Var. 10235'E.

- 40.00 Set temp $\frac{1}{4}$ Sec. Cor
 80.17 Intersect 38 lks south of
 cor. to 21-22-27-28
 S. 89° 44' W, true line bet.
 sec's 21 & 28.
 23.00 Enter bottom land
 30.00 Creek 5 lks wide runs South
 38.00 Leave swamp N. & S.
 40.08 Set $\frac{1}{4}$ Sec. post
 Balsam 7" S. 45° E. 23
 " 3" N. 75 E. 18
 80.17 Cor to Sec's 20-21-28-29
 All swamp - worthless.

North bet. Sec's 20 & 21

Var. 10°35'E.

40.00 Set 1/4 Sec. post
Maple 5 N. 30 E. 8
Poplar 3 S. 27 W. 13
70.00 Leave Hardwood Land
80.00 Set post Cor. Sec's
16-17-20-21
Ash 7 S. 53 E. 28
Poplar 10 N. 67 E. 21
" 9 N. 33 W. 34
Maple 6 S. 52 W. 31
Rolling 1st rate, Asstd Tim
80 scat Pine

19

North between 31 & 32

40.00 Set 1/4 Sec. Post Var. 10°35'E.

Maple 6" S. 17 1/2 E. 19
Ironwood 3" N. 9 W. 27
80.00 Set post Cor. Sec's
29-30-31-32
Basswood 16" N. 23 W. 38
Ironwood 4" N. 67 E. 22
" 6" S. 11 E. 28
Balsam 5" S. 47 W. 16
Rolling Soil 1st Rate
Tim, Gen Asstmt, Hardwood

East Random bet. Sec's

29-32 Var. $10^{\circ}30'E.$

- 40.00 Set temp. $\frac{1}{4}$ Sec. Cor.
 80.27 Intersect 16 lks N. of Cor.
 to Sec's 28-29-32-33
 N. 89° 53' W. true line
 between 29-32
 5.00 Enter Tam. swp. S.W.-N.E.
 40.13 Set post $\frac{1}{4}$ Sec. Cor.
 Cedar 12" S. $10^{\circ}E.$ 22
 70.00 Leave tam. swp. N.E.-S.W.
 80.27 Cor. Sec's 29-30-31 & 32
 All tam. & Cedar swamp
 Surface level, Soil 3rd rate

North bet. 29 & 30

Var. $10^{\circ}30'E.$

- 40.00 Set $\frac{1}{4}$ post
 Balsam 6 S. 39 E. 12
 " 4 N. 10 W. 9
 55.00 Leave Hardwood
 68.00 Enter marsh S.E.-S.W.
 71.00 Lv. Marsh
 80.00 Set post Cor. to Sec's
 19-20-29-30
 Tam. 6 S. 47 E. 24
 Ash 5 S. 44 W. 105
 Tam 12 N. 50 W. 39
 " 4 N. 17 E. 21
 Surface rolling, soil 2nd rate
 Timber, general assortment.

West true line bet

Sec's 30-31 Var. 10°30'

40.00 Set 1/4 Sec. post

45.70 Intersect Leech Lake

& Set M.C.

Ash 6 S. 70° E. 36

Elm 4 N. 68° E 27

Rolling, Soil 1st rate

Timber gen'l assort. Hardwood.

Oct. 25

East Random bet. Sec. 5

20-29 Var. 10°35' E.

40.00 Set. temp. 1/4 Sec. Cor.

79.76 Intersect 34 1/2 ks south

of Cor. to Sec's

20-21-28-29 & run

S. 89°45' W. true line

between 20-29

23.00 Enter Tam. swamp. N. & S.

39.88 Set 1/4 Sec. post

Balsam 4" S. 73° E 35

" 6" N. 70° W 28

55.00 Leave swamp

79.76 Cor. to Sec. 19-20-29-30

Surface level, Soil 2nd rate.

West Random bet Sec's

- 19 & 30 var. $10^{\circ}30'E$,
 40.00 Set temp $1/4$ Sec. Cor.
 80.05 Intersect 9 lks North
 of Cor. to Secs 19-30
 and run
 N. $89^{\circ}56'E$, true line
 bet. sec.s 19 & 30
 var. $10^{\circ}30'E$.
 40.05 Set post for $1/4$ Sec. Cor.
 Balsam 5 N. $62^{\circ}W$. 6
 " 6 S. $55^{\circ}W$. 8
 75.00 Leave good farm land
 80.05 The Cor. to 19-20-29-30
 Surface level, Soil 1st rate
 Gen. Ass't timber, farm
 land Oct. 26

22

North between Sec.s 19 & 20
 var. $10^{\circ}35'E$.

- 20.00 Leave bottom land and
 enter scrubby timber
 and brush.
 40.00 Set $1/4$ sec. Cor.
 Birch 6 S. $68^{\circ}W$ 31
 " 6 N. $34^{\circ}E$. 36
 75.00 Leave scrubby timber
 and enter good
 hardwood timber.
 80.00 Set post Cor. to sec.s
 17-18-19-20
 Poplar 12 N. $45^{\circ}W$. 31
 " 7 S. $19^{\circ}W$. 39
 Maple 6 N. $69^{\circ}E$. 26
 Birch 6 S. $44^{\circ}E$. 17
 Surface level, Soil good,
 Timber gen'l asstmt of
 Farm land timber.

East Random bet.

- Sec.s 17 & 20 var. $10^{\circ}35'E$
 40.00 Set temp $\frac{1}{4}$ sec. Cor.
 79.91 Intersect 23/ks N. of
 Cor. to Sec. 16-17-20-21
 thence N. $89^{\circ}50'W$, true
 line between sec.s 17-20
 var. $10^{\circ}35'E$,
 39.96 Set $\frac{1}{4}$ sec. post
 Elm. 4 S. 3 W. 4
 Balsam 4 N. 63 E. 12
 46.00 Leave farm land, enter
 cedar.
 62.00 Leave cedar swamp.
 79.91 Cor. to Sec. 17-18-19-20

West Random bet.

- Sec's 18 & 19 var. $10^{\circ}30'E$.
 40.00 Set temp. $\frac{1}{4}$ sec. Cor.
 80.09 Intersect 23/ks south
 of Corner. to Sec's 18-19 & run
 S. $89^{\circ}50'E$ East true line bet
 18-19 var. $10^{\circ}30'E$.
 40.09 Set $\frac{1}{4}$ Cor. stake
 Balsam 10" N. $9\frac{1}{2}'W$ 24
 " 4" S. 31 E. 38
 80.09 The Cor. to sec.s 17-18-
 19-20
 Surface rolling soil
 1strate Timber, general
 assortment of Hardwood
 Some good Pine.
 P. H. Conger, Depy Sur'y
 1873
 Survey commenced
 Oct. 16, 1873
 Completed Nov. 2, 1873

Meanders in Sec 33

N. 31 E 20 Try 59'

N. 26 E 20

N. 43 E 24.50

N. 29 E 15

1402.5' N. 46 1/2 E 21.25 M.C. 28-33
100.75

Sec. 28

N. 37 1/2 E 10

N. 73 1/2 E 12 M.C. 27-28

11 27

Sec. 27

N. 46 1/2 E 22

N. 52 1/2 E 10.

N. 30 E 19

N. 2 E 11

N. 53 E 15.50

N. 70 E 13.50

N. 38 E 9.50

100.5

N. E

17.14 10.30

17.98 8.77

17.86 16.71

13.12 7.27

14.64 15.41

80.74 58.46

4
58.46
17.60
80.06

7.93 6.09

3.41 11.51

11.34 17.60

Longest stretch of clearly
defined shoreline is

On Easter Sunday, 1924
the undersigned witnessed
down tamarack trees, one S.E. 17th
located the old tamarack stumps
corner to Secs 28-29-32-33

This corner is 164 feet
going north to the corners,
sections 20-21-28-29 also to
New B.T.s set as follows

10" Spruce N. 10° W. 238.

8" " N. 4° E 231.8

6" Tam S. 16° W. 57.6

Large rock set for corner

Alex. Mc Kenzie

J. J. Meesh

James Falsfeather

W. J. Moull

W. P. Hayden

April 30, 1924

O.K'd by J. M. Greene

Frank Cajune

Ed. Rowley

Horace Duraway

Wm. Jude

Mr. Mascip

the scribes in the two old
feet and the other S.W. 21st also
to the N.W. + N.E. locating the

east of a line running on 8°
original corners to
corner to sections 8-9-16-17

Elw. Rittley C.E.

Minneapolis

J. E. Mullen C.E.

Willmar.

N. 82° 19' E. 0° K₂C.

John M. Greene.

May 19-1924

H. H. Zaiser

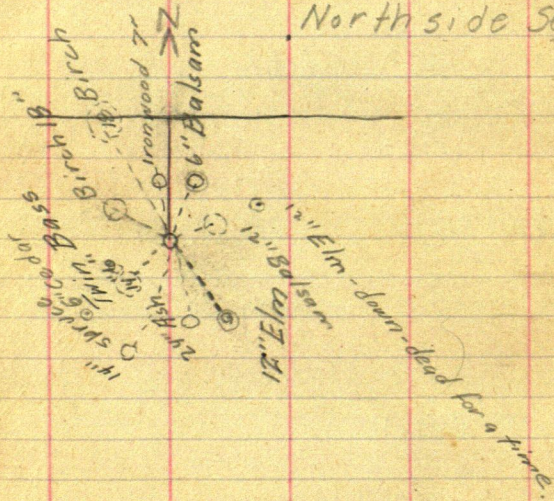
W.S. Moscrib

Ed. Rowley

John M. Greene

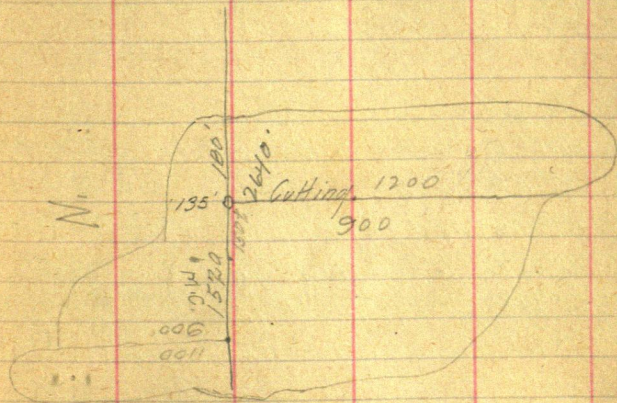
Mileage	11.60
1 day	7.50
	<hr/> 19.10

Sketch of Webster's 1/4 Cor.
N North side Sec. 33



Hanson vs Rice
88th Min. Reports

28



2691

April 30, 1924

Wm Jude - chain

John M. Greene - Transit

Frank Capins - chain

East 153'

44°25' L 310.6 N. 45°35' E

21°21' R 548.0 N. 66°56' E

19°35' L 346.7 N. 47°21' E

20°37' R 622.0 N. 67°58' E

10°24' L 223.5 N. 57°34' E

26°43' L 549 N. 30°51' E

19°11' R 459 N. 50°02' E

House
378'

25°25' L 721.4 N. 24°37' E

30°19' R 1167.3 N. 54°56' E

11°30' L 304.4 N. 43°26' E

11°23' R 507.8 N. 54°49' E

9°58' L 352.4 N. 44°31' E

17°35' L 500.0 N. 27°16' E

18°34' R 138.9 N. 45°55' E

32°37' L 151.7 N. 13°18' E

288 to 10 21°41' R 2673.2 N. 84°01' W

23°39' R 438 N. 0°15' W

29°04' L 2343.0 West

30° L 5275 South

849

Checked by J. M. Greene
H. A. Zaiser

May 19, 1924

Weather - Fine

29

	N.	E
S.W. Cor	0.0	0.0
North	153.0	0.0
South	217.4	374.9
East	214.7	432.1
West	234.9	667.0
	233.4	900.4
	119.9	1080.3
	471.3	1492.6
	294.8	1787.4
	655.8	2443.2
	670.6	3113.8
	221.0	3334.8
	292.8	3626.6
	249.8	3876.4
	444.5	4320.9
	96.4	4417.3
	147.6	4564.9
	278.7	2659
	438.0	4843.6
		2.4
		5281.6
		2343.0
	5275.0	5083.1
	5281.6	5275.0
		5004.4

J. M. Greene

2067
861" @ 773 ↑

A hand-drawn survey map on aged paper showing a road layout. The map includes several points marked with circles and crosses, connected by lines representing road segments. Dimensions and bearings are written along these segments. The layout starts with a vertical segment of 773' on the left. A horizontal segment of 164' leads to a point. From there, a segment of 1634' leads to another point. A segment of 2423.6' leads to a point labeled 'I.P. 504.4'. From this point, a segment of 2423.6' leads to a point labeled 'I.P. 147.8'. A segment of 2617.8' leads to a point labeled '110'. A segment of 2712' leads to a final point. A segment of 428' leads from the 'I.P. 147.8' point to a point labeled '2712'. A segment of 773' leads from the 'I.P. 504.4' point to a point labeled '773'.

$$\begin{array}{r} 773 \\ 789.6 \\ 504.4 \\ \hline 2067.0 \end{array} \quad \begin{array}{r} 50.4.4 \\ 20.67 \\ \hline 2571.4 \\ 789.6 \\ \hline 3361.0 \\ 3213.2 \\ \hline 147.8 \end{array} \quad \begin{array}{r} 2423.6 \\ 789.6 \\ \hline 3213.2 \end{array}$$

Proportional
Line between

$$\begin{array}{r} 7465 \\ 110 \\ \hline 7575 \end{array} = \text{Total distance}$$

121.1806

$$\begin{array}{r} 62.51 \overline{) 7575} \\ \underline{6251} \\ 13240 \\ \underline{12502} \\ 7380 \\ \underline{6251} \\ 11290 \\ \underline{6251} \\ 50390 \\ \underline{50008} \\ 38200 \end{array}$$

$$2423.6'' \quad 2898 - 474.4$$

$$4847.2'' \quad 4700 + 147.2$$

$$7575.0 \text{ M.C.}$$

110' E. of 2" pipe on
seawall.

Measurement

33-28

73.44

1.836

$$\begin{array}{r} 1320 \overline{) 2423.6} \\ \underline{1320} \\ 1103.60 \\ \underline{10560} \\ 4780 \\ \underline{3960} \\ 8000 \\ \underline{7920} \\ 0800 \end{array}$$

$$121.1806 - 1$$

$$22.51 - 1$$

$$\begin{array}{r} 121.1806 \\ 6059030 \\ 2423612 \\ \hline 2423612 \\ 2727775306 \\ \hline 4847.224 \\ \hline 7574.999 \end{array}$$

0° Var.

Dead Cedar 7 N.15W. 29'

7465 I.M. Ced. stp 6 N.50W. 27.7

note - a 9" cedar tree
back of stp.

May 1 1924

at - (Chaining E. from True Cor ^{29.28} 32.33

2423.6 set 2" pipe 6 ft North of my
former North line of Sec 33
for ^{Sec.} 1/8 Corner

7" Birch bears N 35° E 4.7 ft

8" Birch " S 35° W 18.1 ft

} Var. zero

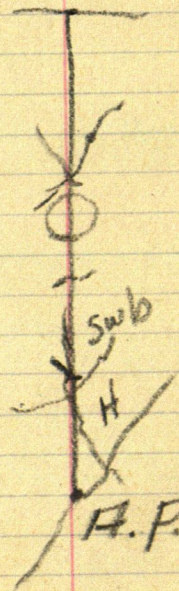
at 4847.2 set 2" pipe 5 ft. North of my
former North line of Sec. 33
for 1/4 Sec Corner

5" Balsam bears N 30° W 35.5 ft.

9" Birch " S 20° E 24.3 ft

} zero var.

Horace Danaway



H.P. 22

North - 17p 22
0-290 Hard way
2+90 Swamp
5+33 old down
Tarn

6+50 higher
ground

Still in cedar
wind fall - badly
burned. Island

7+22 - Swamp

7+69 - ridge

on L. Swp. on Right.

8 - Swp 60 R

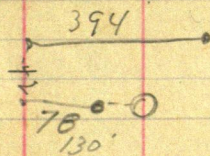
430

6 / 2T. $\frac{1}{16}$
 Scribed.

2-58 slight sea wall
 4-60 sea wall-ridge of trees
 8-00 " " " " brush
 Weeds

17°12'

$$\begin{array}{r}
 1634 \overline{) 5281} \\
 \underline{4902} \\
 3790 \\
 \underline{3268} \\
 4220 \\
 \underline{3260} \\
 9520 \\
 95519 \overline{) 528100} \\
 \underline{477595} \\
 505050 \\
 \underline{477595} \\
 274550 \\
 \underline{191038} \\
 835120
 \end{array}$$



15.00
5.00

60
13
73

23.28
60
80
47.30
32.70
80
58.06
21.94
80
483.28

40.1
91.72
80.00
3.70
215.52

32.70
80
58.06
170.76
215.52
44.76

83.28
69.17
14.11

79

29 17
40
80
39.90
40.10
91.72
80
76.30
477.19
101.94
171.72

39.90
32.70
7.20

47.30
39.90
7.40

101.94
76.30
24.58

The government has from time to time issued so-called supplemental plats showing resurveys and also showing the cutting up of fractions for the purpose of cutting into smaller tracts for indian allotments. At the State Sanatorium Sec. 2-141-31, a resurvey has been made but in no case has the acreage been changed, except on petition of property holders.

Oct 30 - 1923

April 30 - 1924

May 1 - 1924

May 19 - 1924

90

17

73

N 88° E

N 73° E

N 82° E

S 89° E S 85 1/2° E

S 82° E

N 28° N

N 82° E

8°
4 1/2 - 6

May Full