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Township 47 north, ranges 32, 33, 34, and 35 west, specimens 31377-31400, 31701-31712. No. 260 Sept. 12 - Oct. 13, 1891

Brooks, A. H.

[s.l.]: [s.n.], Sept. 12 - Oct. 13, 1891

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60

260

LAKE SUPERIOR SURVEY

1891

Indet

LAKE SUPERIOR SURVEY. INSTRUCTIONS.

Topography.—On the left-hand page map as much of the section as has actually been seen, counting each of the spaces between the blue lines as 100 paces, and 20 of these spaces to one mile, or 2,000 paces. The scale is four inches to the mile, and the heavier blue lines, outlining one inch squares, mark forties. Denote streams, lakes, swamps, marshes, etc., by the topographical signs annexed.

The geologist will consult with the compassman, and describe as accurately as possible, the timber traversed. When pine is found, give its proportion; tell whether good or poor, and indicate kind—white, norway, jack. If hemlock is found, note the relative amount. In hard wood districts, designate as good or poor, heavy or light, and indicate predominant kinds, oak, maple, birch, etc. Cedar swamps, spruce swamps, tamarack swamps and meadow swamps will be always discriminated. Outline burnt timber.

Each day, just before leaving camp, the geologist will compare his own and the camp aneroids, and the reading of each, with time, will be recorded. At work the aneroid will be read on gentle slopes at intervals of 200 paces; on steeper slopes at intervals of 100 paces; also at all maxima and minima. When minima are streams the map and notes will indicate this, showing width and character of streams. When a stream has made a cut of importance, aneroid readings will be made where the banks break off and at water level. If instead of an abrupt break, the stream valley has steep slopes, aneroid readings will be made with sufficient frequency to show this character.

At reading points the compassman will stop, read the dial compass, and remain until the records are complete. The readings will, as fast as made, be placed upon the map at the right-hand side of the line traveled, and in the notes, the numbers being inclosed in parentheses, basing the work upon the bench-mark which served as a starting point. At bench-marks the absolute reading of the aneroid and the altitude as shown by the bench-mark will be recorded to serve as a base for subsequent readings. For instance, aneroid 29.13 inches; altitude on bench-mark, 275 feet. At each subsequent reading, by setting 275 on the altitude circle at 29.13 on the fixed dial, altitudes may be directly recorded. When the next bench-mark is found at two miles distance, the difference between the aneroid reading on the basis of the first bench-mark and the second bench-mark will be recorded. At intervals of a half hour during the day the time will be attached to the aneroid readings. Upon reaching camp, after the day's work, the geologist will record the readings of his own and the camp aneroid, and also the time. Interpolations will then be made, based upon the bench-marks and times (not distances) if the day has been one of no abnormal atmospheric disturbances, or upon both bench-marks and camp aneroid readings if there have been unusual disturbances, and the corrected numbers, less a constant of 4 feet, will be placed upon the face of the map at the left-hand side of the lines of travel, and in the notes without parentheses, but the parentheses numbers will not be erased.

At each aneroid reading the trend of a horizontal contour line will be indicated upon the face of the map, making the length of the line correspond as nearly as may be with the actual distance seen. In passing directly up or down a slope, the contour lines will be at right angles to the direction of travel. In passing up a hill diagonally the contour lines will intersect the lines of travel at various angles, which can be estimated and plotted with sufficient accuracy by an appreciation of the north and south direction.

The course of travel will be always north and south. In starting from a quarter or a sixteenth post, the work will be plotted on the assumption that the true course is followed, but upon reaching the next section line the geologist will remain in the position at which the line is struck by the compassman until the latter finds the adjacent bench-mark. The intervening distance will then be paced by the compassman, and the point of intersection of the section line marked. From this point to the starting-point, a right line will be drawn as the actual course of travel. The positions of the contour lines, aneroid readings, etc., will not be changed.

Geology. — In running the north and south lines, the compassman will, if possible, determine the course by the dial compass. At the time the geologist reads his aneroid, the compassman will determine the magnetic variation, which will be given to the geologist and recorded in the note-book. Each morning the watch of the compassman will be set to apparent time (corrections being made for the equation of time and for longitude), so that he will need to make no correction in reading magnetic variation. On cloudy days, and at times when the sun is too low for the use of the dial compass, the course run will be by needle upon the supposition that the magnetic variations indicated on the township plats are right when corrected by deducting 3° if the variation is east, or by adding the same amount if the variation is west.

Not less than once per week the accuracy of the watch of the geologist in charge of a party (who will give time each morning to the compassmen), will be tested. This may be done, first, by obtaining correct time from a railway station by means of a packer when sent out for provisions. Such time will be mean, i. e., watch time for the nintieth meridian. Second, corrected time may be found by blazing out a north and south section line, preferably a range line, for some distance, setting a signal on the line and placing the dial compass duly leveled, in a north and south direction upon a Jacob's-staff just before mid-day, and setting the watch at 12 at the time the line strikes the noon hour. In a watch thus set all corrections are made.







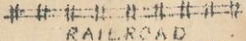
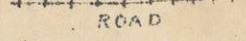
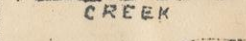
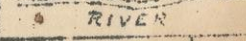




It will be the constant business of the geologist to search for outcrops. All hills within a reasonable distance of the course of travel will be examined. Oftentimes upon the steeper slopes of a hill a rock surface is covered with a coating a few inches thick of moss, leaves or vegetable mold, and can be stripped with the pick. Where the exposure is small and there is the least possibility that it may be a large boulder, indicate this fact in the notes and by a query on the map. All ledges off the line of travel of the compassman will be located by the geologist pacing to this line in an east and west direction, his course being determined by compass.

Denote the ledges of rock, when no structure is made out, by cross-hatching, making the cross-hatching cover as nearly as possible the areas occupied by the exposures. If the rock is a massive one, but still more or less plainly bedded, use the same sign with a dip arrow and number attached, showing the direction and amount of the dip. Denote a shaly or other very plainly bedded ledge by right parallel lines, and a ledge having a secondary structure by wavy parallel lines running in the direction of the strike, having strike line and dip arrow with numbers attached. The greatest care must be taken to avoid confusing slaty or schistose structure, with bedding, and in all cases where there is the least doubt about the true bedding direction, indicate it by a query.

To each exposure on the face of the map, attach the number of the specimens representing it. On the right hand page place the notes descriptive of the exposures. Begin in each case with the number of the specimen, placing the number on the left hand side of the red line, after which give in order on the right of the same red line, the position of the ledges as reckoned in paces from the southeast corner of the section, and the dip and strike when observable, for instance, No. 437, 1226, N., 353 W., *Strike*, $N. 47^{\circ} E.$, *Dip*, $68^{\circ} S. E.$ Then follow with as full a description of the ledge as possible.

Collect a specimen from every ledge, and if the ledge exposes different kinds of rock, collect a specimen of all varieties. Take care to get fresh material, unless for a special purpose the weathered surface is desired. Where ledges are infrequent the normal size of specimens will be $3 \times 4 \times 1$ inch. In case several specimens of the same ledge are necessary, and when ledges are numerous, specimens $2 \times 2 \frac{1}{2} \times \frac{3}{4}$ inch will be allowed. In all cases collect chips for slicing. No two specimens will be given the same number. In the cases in which several specimens come from the same ledge, the different numbers assigned to them will enable an easy description of their relations. Specimens will be placed at once in paper bags provided, upon which shall be marked in at least two places, with a blue or red pencil, the specimen number.

TOPOGRAPHICAL SIGNS.

 <p>PINE OR HEMLOCK</p>	 <p>HARDWOOD</p>	 <p>PINE OR HEMLOCK AND HARDWOOD</p>	 <p>CEDAR SWAMP</p>
 <p>SPRUCE OR TAMARACK SWAMP</p>	 <p>MARSH</p>	 <p>RAILROAD</p>  <p>ROAD</p>  <p>CREEK</p>  <p>RIVER</p>	 <p>NO STRUCTURE</p>
 <p>↓ 55° S. NEARLY MASSIVE</p>	 <p>↘ N. 35° E. ↘ S. 65° E. SHALY OR BEDDED</p>	 <p>↗ 83° SECONDARY STRUCTURE.</p>	

EQUATION OF TIME FOR 1891.

Day	Min.	Day	Min.	Day	Min.
-----	------	-----	------	-----	------

JUNE.

Add to watch time.

1-6	2	7-11	1	12-16	0
-----	---	------	---	-------	---

Subtract from watch time.

17-21	1	22-26	2	27-31	3
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JULY.

Subtract from watch time.

1-6	4	7-13	5	14-31	6
-----	---	------	---	-------	---

AUGUST.

Subtract from watch time.

1-7	6	8-13	5	14-18	4
19-23	3	24-26	2	27-29	1
30-31	0				

1891

260

SEPTEMBER.

Add to watch time.

1- 2	0	3- 5	1	6- 8	2
9-11	3	12-14	4	15-17	5
18-19	6	20-22	7	23-25	8
26-28	9	29-30	10		

OCTOBER.

Add to watch time.

1	10	2- 4	11	5- 8	12
9-12	13	13-16	14	17-22	15
23-31	16				

NOVEMBER.

Add to watch time.

1-13	16	14-19	15	20-23	14
24-26	13	27-29	12	30	11

No. 7.

Sept. 12/91 1
Oct 13/91

A. H. Brooks

"Geologist"

Ira B. Waller

Compassman

G.D.D. Arrived No 3.

The territory mapped is included in
the East line of Town 47R32
+ the West line of Town 47R33

The lines are run between the town
line 47, 48 + bench line two
miles south

SPECIMENS, 1377-1400
1701-1712

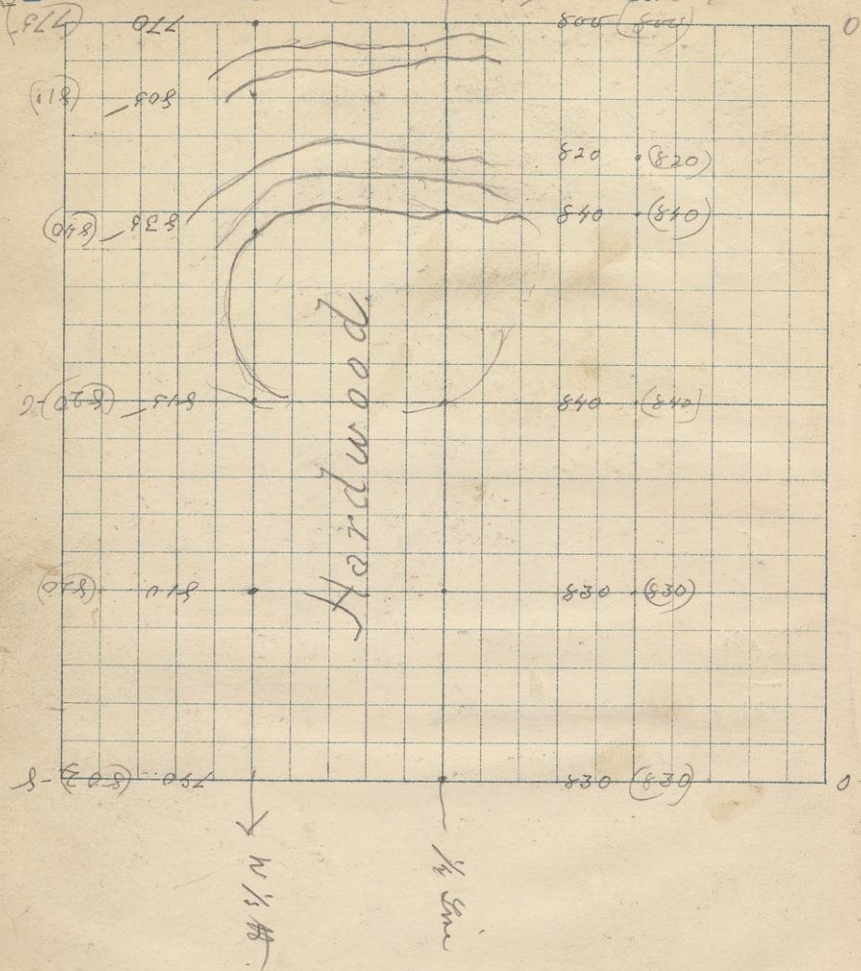
TOWNS 1 47-32
47-33
47-34
47-33

2

S. 12

T. 47

R. 31



Sept. 12/91.

3

1/4 Line Sect 12, 47, 32 beginning at S 1/4 post
T running N 8.07 AM.

B.M. 827.51. Arrived at 28.8 = 0.

o Mixed timber (830) 25° E

1000 Hardwood. 830 24° E 1005 (840) 8.40 AM

1200 26° E

2012. Struck section line 40 paces W of 1/2 post (Old around)

N.B. No line has ^{been} picked up. 9.35 AM

W 1/4 Section 12, 47, 32 beginning at NW 1/4
post(?) T running N ^{South (?)} 2 P.M.

o. Hardwood. 23° E

1000 24° E (820) 2.30 P.M.

2040. Struck section line 35 paces W of 1/4 post

B.M. 802.68.

Arrived 810. —

2.55 P.M.

- 8.

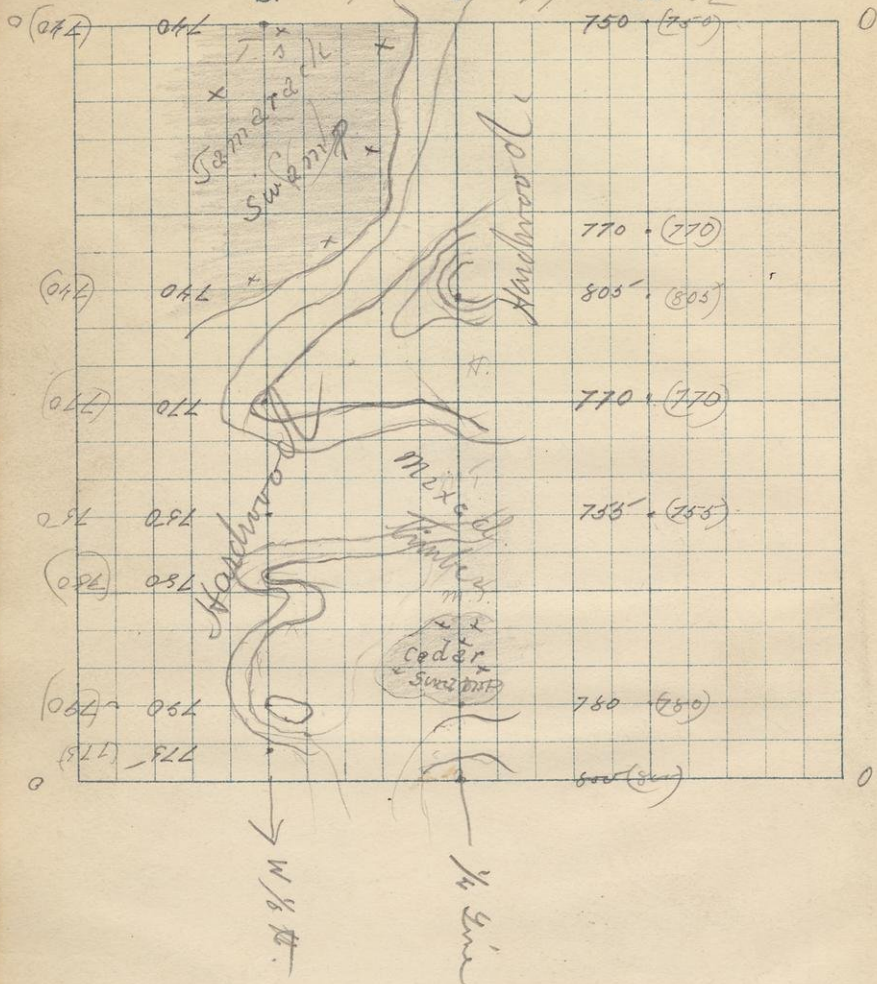
4

S.

T.

17

R. 32



Line section 1, 47, 32 beginning at S $\frac{1}{4}$ pt
+ running N.

O. Hardwood. $255^{\circ}E$ 9.35 AM.

See Cedar swamp. 440 mixed timber.

1000 (870) Hardwood. 10.12 AM.

1280. (808) 1600 $254^{\circ}E$

1860 Stuck section line 20 paces W of $\frac{1}{4}$ pt

B.M. 751.56.

Arrived 750. —

11.20 AM

The line is without close to far S.

W $\frac{1}{4}$ pt. Sect. 1, 47, 32, beginning at N.W. $\frac{1}{4}$ pt
+ running S. 12.40 P.M.

B.M. 736.00. Arrived at. 28.81 = 0.

O. Tamarack swamps. $23\frac{1}{2}^{\circ}E$ 700 Hardwood.

1000 1.20 P.M.

1920. Stuck section line (2.)

2.00 P.M.

This line is an old one. We could find no newly
blazed line + of course no $\frac{1}{4}$ pt.

6

S.

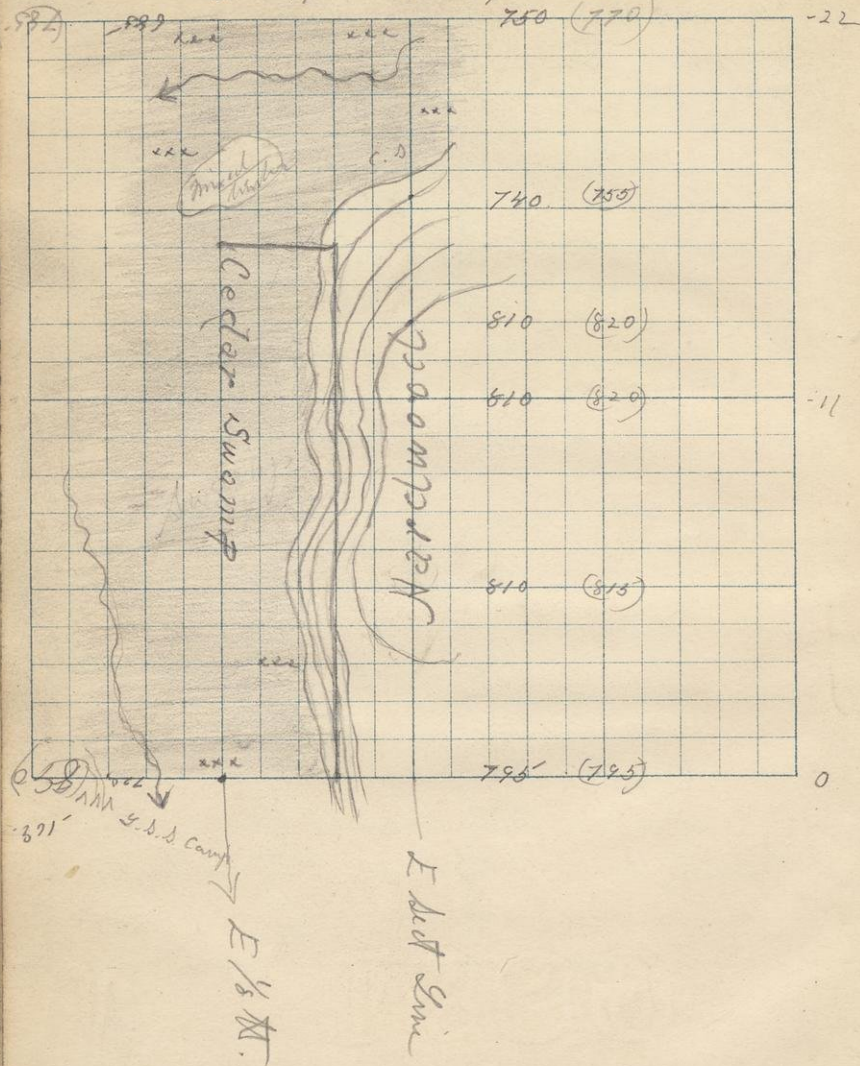
11

T.

47

R.

32



Sept 1 1/2, 1901.

7

E Line set 11, 47, 32 beginning at S.E. corner
post + running N. 7 AM.

B.M. 725.31 Anvil set 29.01 = 0.

0. Hardwood 25. 4° E (plat).

500. 23° E According to old originals.

1000. (820) 7.35 AM. 1600 Cedar swamp.

1850 end of mile.

2005 struck section line + old corner post.

No newly blazed line here. 8.20 AM.
(770)

W 1/4th set 11, 47, 32 beginning at N. W 1/4th (B)
post + running S. 12.30 AM.

0. Cedar swamp, 25° E (?)

1000.

1840 struck section line 15 paces E of 1st post

B.M. 721.45

Anvil 890. —

1.40 P.M.

169.

This line was run during a very
cold pouring rain storm.

8

S. 2

T. 47

R. 32

Q. 85-92
735 (800)
735 (800)

-66.

Cedar Swamp

Q. 85-92
735 (800)
735 (800)

-44.

5
Mixed
timber
0.0.

750 (770)

-22.

Q. 85-92
735 (800)
735 (800)

E 1/8 M.

E 1/8 M.

Ex section 2, 47, 32, beginning at S.W.
corner & running N. 8.20 AM

0. Cedar swamps. $23^{\circ}E$ (770)
70. Mixed timber. 190. Swamp.

1000 (810) 9.20 AM

2100. Thresh Section line & corner post.

B.M. 734.20.

Shovel 800.

10. 25 AM.

66.

Ex²² section 2, 47, 32, beginning at N.W.
1/8th post & running S. 10.30 AM.

B.M. 733.07 Shovel set 22.02 = 0.

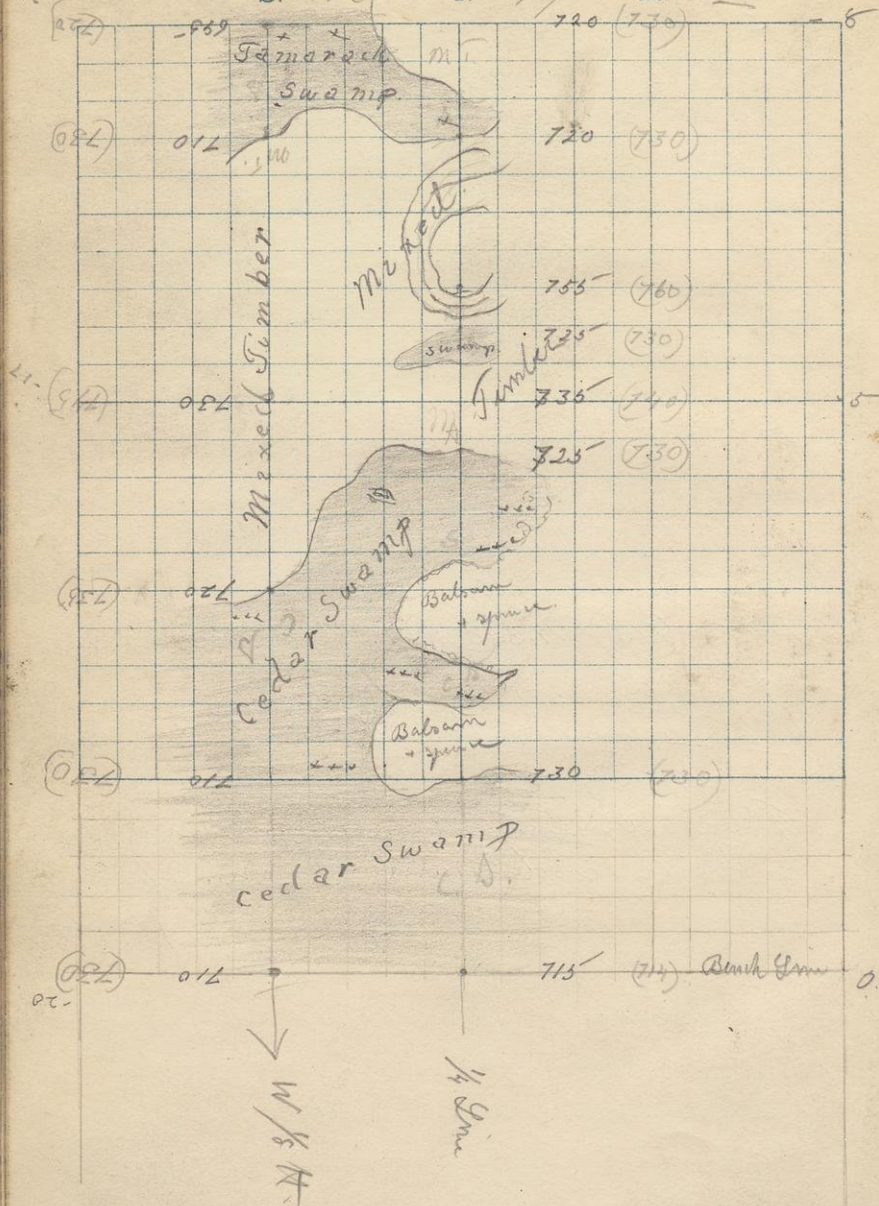
0. Cedar swamps. $23^{\circ}E$

1000 (865) 11.50 AM.

2040 (785) 12.30 P.M.

Nw section line blazed out

The above lines were also during
a hard cold rain storm.



Sep 17/9.

11

1/4 line set 10, 45, 32 beginning 500 paces ±
S of S 1/4 part on Bench line which is four
or five hundred paces to far S +
running N 8 AM

B.M. 714.42 Arrived at 28.86 = 0.23° E
0. Cedar swamp. 500(?) Balsam + spruce timber
0. Arrived 1/2 part.

200 Cedar swamp 300 Balsam spruce, 0 3 1/2° E
840 Mixed timber 1000 (749) 2.25 AM
1100 Swamp 1170 Mixed timber 1300 0 3 1/2° E
2000 (730) 10.30 AM.

We have pushed up. Old blaze could not
be found.

W 1/4 N set 10, 45, 32, beginning at N.W 1/4 N
part + running S. 0.050 PM

0. Tamarack swamp (720) 0 4° E
300 Mixed timber.

1000 (745) 2.40 P.M.

1500 Cedar swamp. 2000 (730)

2500 Stake bench line 95 - S W 1/4 1/2 part

B.M. 710.25

Arrived 730 — 3.50 P.M.

— 20.

S.T.

T.

R.

(069) 069

685 (710)

-5- (069) 069

mixed
timber 685 (710)

710 (720)

690 (720)

695 (715)

-10- (072) 072

690 (700)

(066) 066

mixed
Timber

700 (710)

mixed
timber

-15- (072) 072

mixed
timber 720 (730)

3/4 ft.

1/2 line

$\frac{1}{4}$ mi. S. 3, 47, 32 beginning at $S\frac{1}{4}$ post (2)
 & running N. 10.30 AM.

O. Mixed timber (730) $23^{\circ}E$

200 Cedar & tamarack swamp.

1000 11.05 AM. 1270 Oak 15 ft wide.

2140. Shrub section line 140 paces E of $\frac{1}{4}$ post.

B. M. 714.66.

Aerial 730. — 11.55 AM.

-16.

W $\frac{1}{4}$ A. S. 3, 47, 32 beginning at NW $\frac{1}{4}$ A.
 post & running S. 12.50 P.M.

B. M. 693.56. Aerial at 28.81 = O $23\frac{1}{2}^{\circ}E$

O. Cedar ^{& tamarack} swamp. 640. Mixed timber.

1000 (720) 1.30 P.M.

2000 Shrub section line.

No. S. S. S. blazes & of course no $\frac{1}{4}$ post.

2.05 P.M.

S.

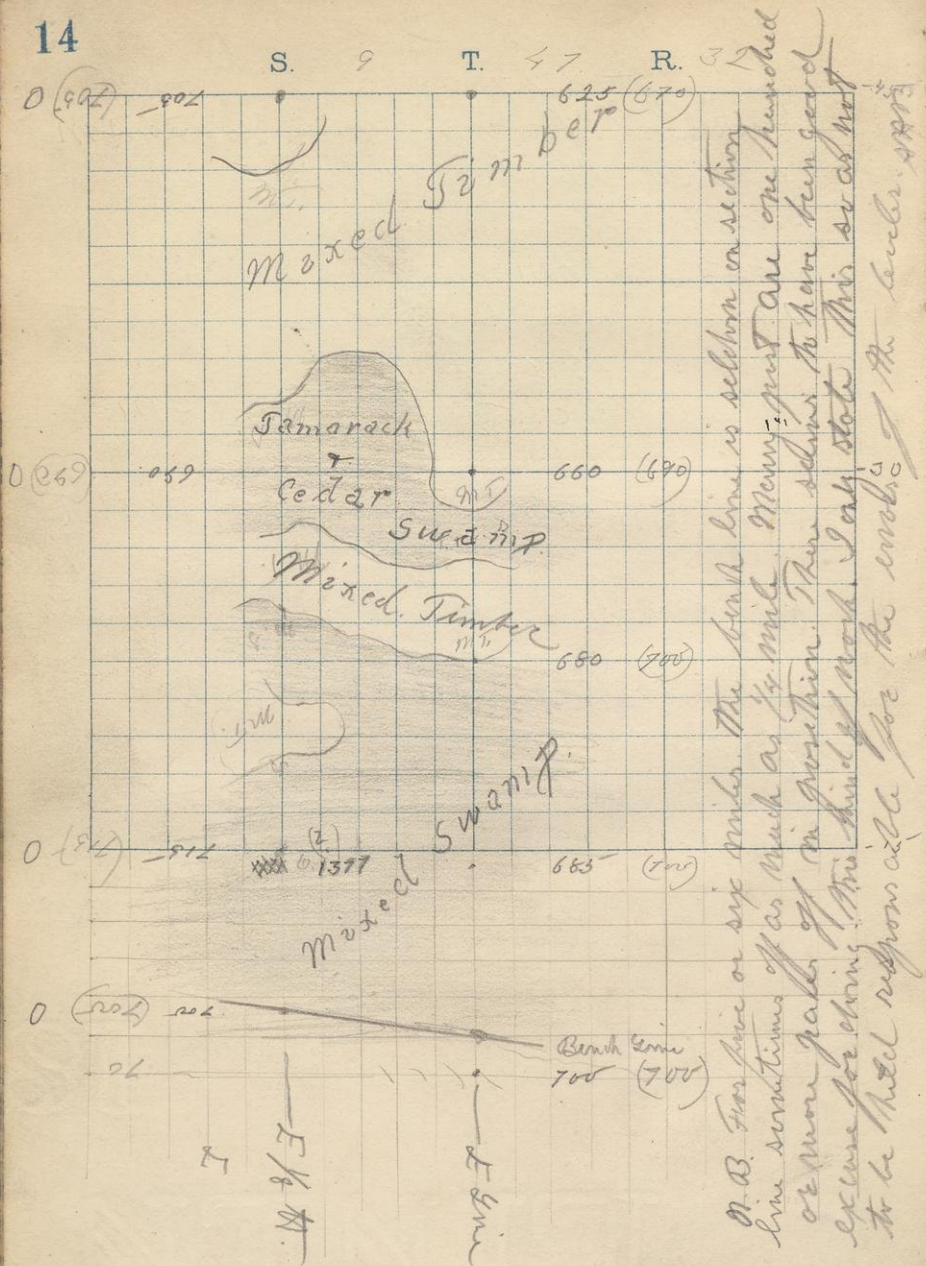
9

T.

47

R.

32



Sept 18/91

15

E Line bet 9, 47, 32 beginning at SE corner
port & running N. 7.33 AM

Start point of port we begin 500 ± paces
S of corner just on bench line

O.B. M. 702.78 28.96 = 0.

O. Mixed swamp. V. 4° E. 500 (500).

500 ± Probable location of set line. Cedar swamp.

5 Cedar swamp. 500 (700) Mixed timber. 8.33 AM

775 Tamarack & cedar swamp. 1000 (620) 8.55 AM

8800 Mixed timber.

2020 Stuck section line 100 paces E of corner port.

No. G. S. S. blazes on port. (570)

9.40 AM

E 1/4th set 977, 32 beginning at NE 1/4th port (?)
& running S. V. 4° E 1.40 P.M.

O. Mixed swamp. 200 Mixed timber.

800 Mixed swamp. 1000. 2.15 P.M.

1170 Mixed timber. 1375 Mixed swamp.

1600 Mixed timber 2600 (7.15) 2.45 P.M.

2430 Stuck section line 72 W of 1/4th port.

O.B. M. 701.71.

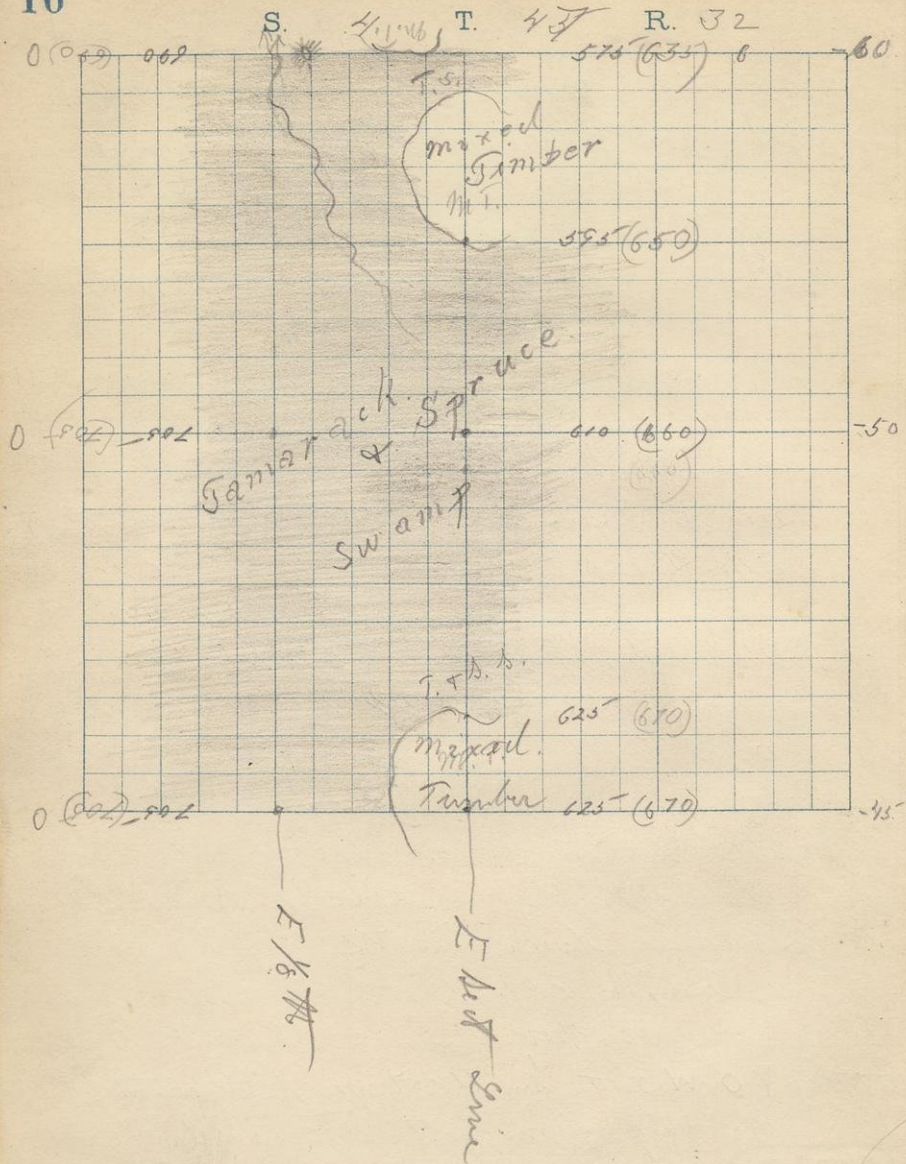
Ahemel. 700

3.10. P.M.

1377 (?) NO. W 500 Small cuttings of grey wacke.

Grading from soft into hard.

May be a boulder. (?)



E Line Set 4, 47, 32 beginning at S. E
corner & running N. 9.30 AM.

0. Mixed timber 24°E (680)

350. Tamarack & green swamps (670).

~~900 Mixed Timber (665)~~ 10.20 AM.

1000 (660) 11.30 AM. 1230 24°E

1500 Mixed Timber

2027. struck set line 10 paces W of corner post.

B.M. 695.58

Arrived 6935. — 11.10 AM.

The bench line here makes another one
of those pleasant "jogs" which are so
frequent in this town & which speak
much for the accuracy of the work.

W & T Set 4, 47, 32 beginning at N.W. & T
post & running S. 12. M. 24°E

B.M. 692.96 Arrived set 29.03 = 0.

0. Swamps (mixed). 1000 (705) 12.55 PM.

Now (705) 1.40 P.M.

No Line Hazed

91- (702) 688 700 (700) 0

Tamarack Swamp



20- (702) 680

Mixed Growth

Tamarack Spruce



26- (702) 688

700 (700)

2 1/2

1/2

Sy 19/4

19

Traverse line of bench line at this point is
not known.

1/8 line set 8, 47, 32 beginning at S 1/4
post & running N. 7.50 AM

B.M. 702.110 Merid. set 29.06 = 0

0. Tamarack & spruce swamp, 8 3 1/2° E

260. Stick set line (old original blazes).

0. Tamarack & spruce swamp, 8.25 AM.

1050. mixed growth (700) 8.45 AM.

1120. Swamps (mixed). 1350 Mixed growth.

1975 Stick set line 50 paces E of 1/8 post.

No. 9. S. S. blazes. 9.25 AM (700.)

N 1/8 line set 8, 47, 32 beginning at N.W.
1/8th post (?) & running S. 12.45 PM

0. Tamarack & spruce swamp (700)

350 Mixed timber 1000 ^{11.50 PM} spruce & tamarack swamp

2012 Stick old section line

2210 Stick bench line 65 paces E of 1/8th post

B.M. 714.20

Merid. 740.

2 PM

-26

8.

1/2 Line Sect 5, 47, 32 beginning at S 1/2 post
 & running N 9.30 AM

O. Tamarack swamps. 23 1/2° E

680. Mixed Timber 1000 (710) 10.05 AM.

1840 Mixed timber.

2020 Bluck section line & 1/2 post

B.M. 732.23,

Arrived 740. —
 -8.

10.35 AM.

W. 1/2th Sect 5, 47, 32 beginning at NW 1/4th
 post & running S. 11.20 AM.

O. Mixed swamps. 23° E B.M. 693.89 A.S. 99.01 = 0.

600 Hardwood with a little good pine

1000 (700) 11.55 AM.

1155. A number of very large angular boulders of
 granitic like 1377.

1400 Mixed swamps.

2000 ~~thick~~ (710) 12.45 P.M.

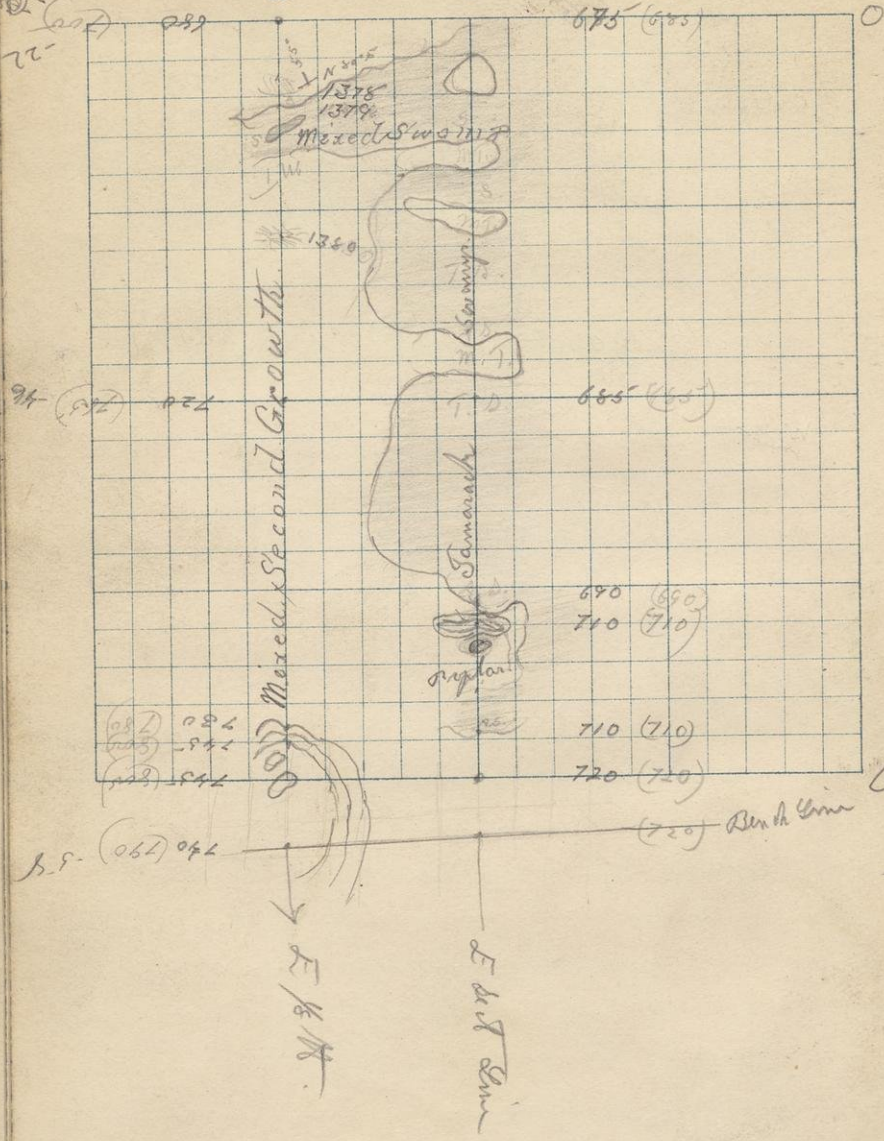
As usual, no new line blazed out.

22-
22-

S.

T.

R. 32



Sept 2/91

23

Line set 7, 47, 32 beginning at
S $\frac{1}{2}$ corner post (2) running N. 7:45 AM

B M. 718.60. Aerial at 29.13 = 0.

o. Poplar 23° E

180 thick section line (old original blazes)

o. Poplar 23° E 1000 8:50 AM.

1975 Creek 2 ft wide

1980 thick blazed line probably section line

No. L. S. S. blazes.

9:40 AM

E $\frac{1}{2}$ A. set 7, 47, 32 beginning at NE $\frac{1}{2}$ A.
post (2) + running S. 1:25 PM

v. Mixed timber.

1378. N. 1850 W 500. Strike N. 80° E Dip 55° NW

1379. D. Outcrop of massive gneiss (1378)

gneiss strike. (1378) Bedding

can be seen quite plainly.

225 creek 3 ft wide.

1380. N. 1340 W 500. Strike N 80° E Dip 55° (2) Gneiss

1000 (700) 2:35 PM.

1390. Section bench line appears W of $\frac{1}{2}$ A. post.

B M. 732.22

Amid 790. —

13:50 PM.

-58.

36

22

S.

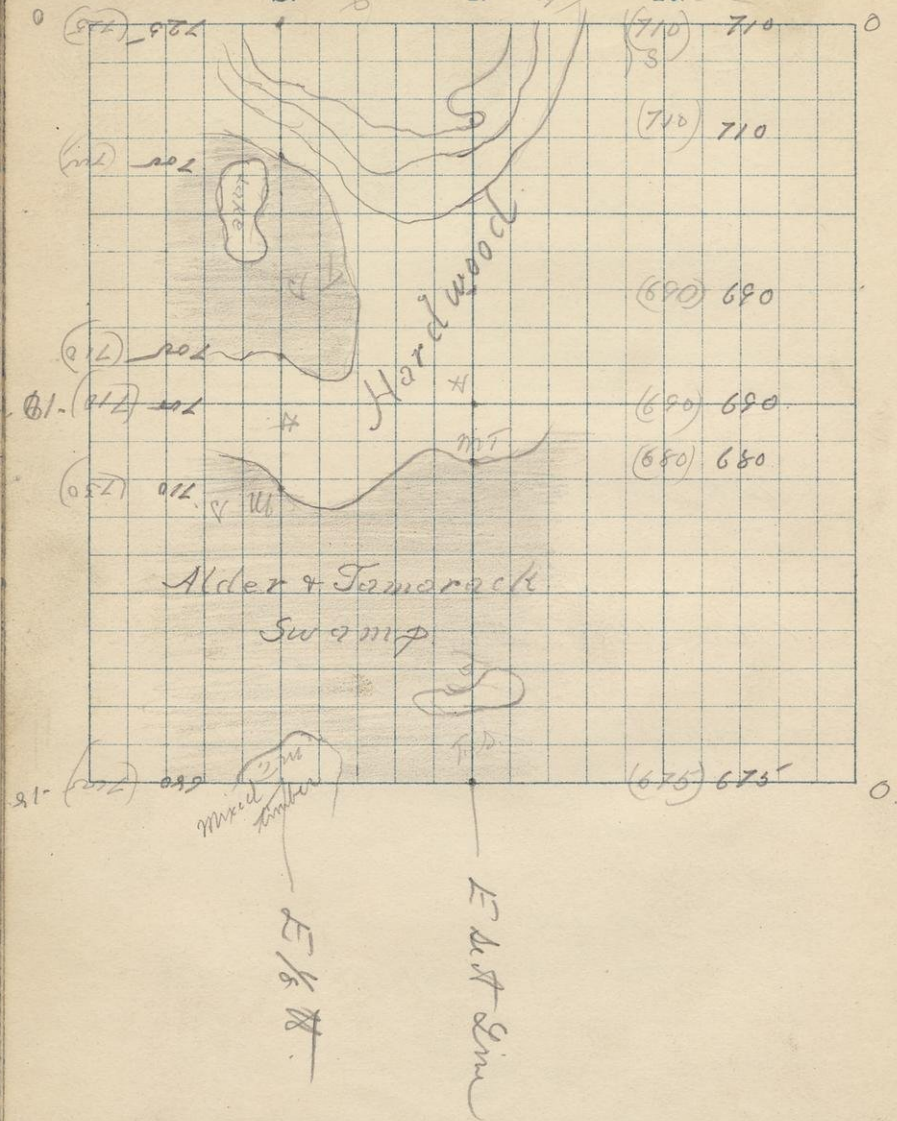
6

T.

47

R.

32



E Line section 6, 47, 32 beginning at
(2) & running N 9.40 AM.

0. Alder & Tamarack swamps 25° E (675)
500 Mixed Timber 850 Mixed Timber
1000 Hardwood 10.30 AM.

2075 Thick section line 250 paces E of running part
B.M. 711.42 11 AM.

Arrived 710.

E & M. Set. 6, 47, 32 beginning at NE.
1/4th post & running S. 12.20 PM.

B.M. 723.27 Arrived at 29.13 = 0.

0. Hardwood 25° E 340 Tamarack swamps
575 (710) Mixed Timber 1000 Hardwood 12.50 PM
1230 Mixed swamps 1800 Mixed Timber
2000. (710) 1.20 PM.

No G S S S blazes.

26

S.

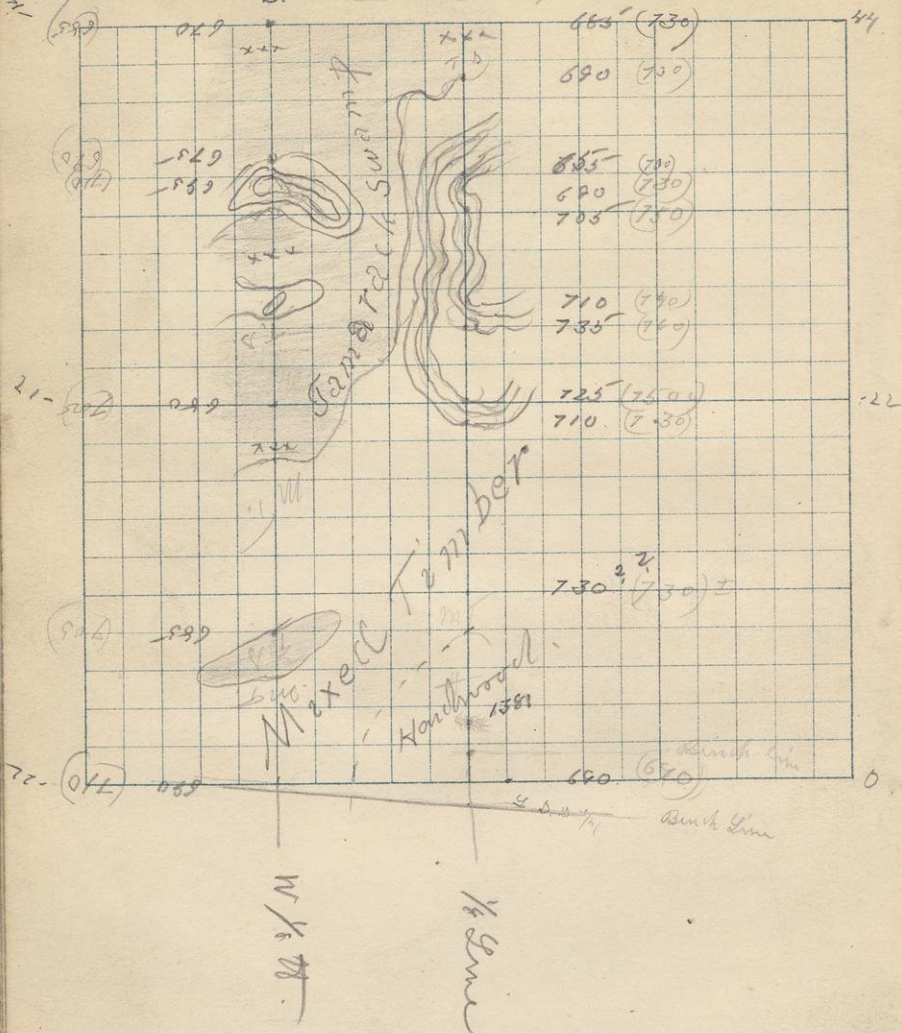
12

T.

47

R.

33



N.B. The sink line is probably really on
the section line here. 27

^{Sept 29}
1/4 Sec 12, 47, 33 beginning at
5/8th post & running N. 7.20 AM

B.M. 691.93 Aired at 28 1/4 = 0

O. Hardwood, 23 1/2 E

60 ft this point on found the squared up which
was marked "150 paces N of 1/4th line"

so we call it 150 paces N instead of 60

1351 N 150. W 1000. Strike N 80° E

Gray wacke "having semi shistose character"

600 Mixed timber. 845 (739) 1000 (750) 8 15 AM

851 Tamarack swamp 1000 (730) 9.20 AM

No. 9 S. S. Minges

W 1/4th Sec 12, 47, 33 beginning at N. W
1/8th post & running S. 1.15 P.M.

O. Tamarack swamp 23 1/2 E.

3600 Poplar. 1000 (700) 1.40 P.M.

2000 Stump 1/4th line 28 paces W of 1/8th post

B.M. 688.45

Airville. 710. —

2.15 P.M.

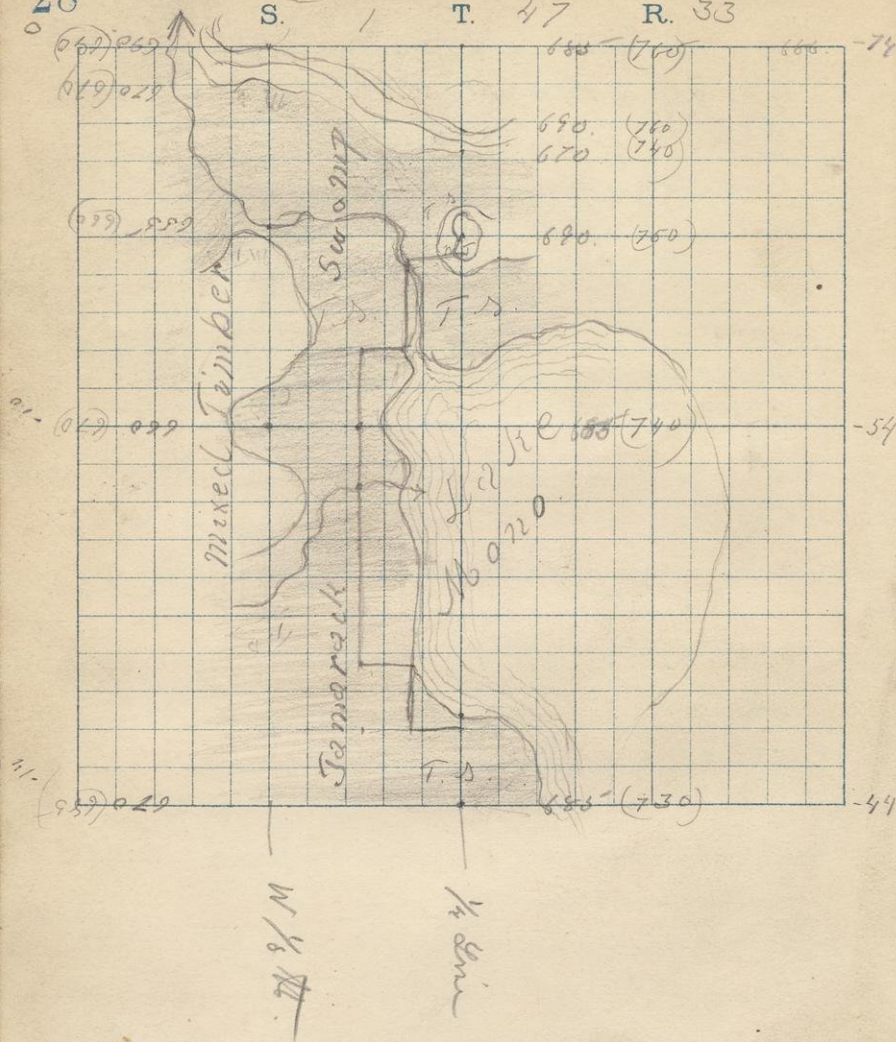
28

S.

T.

47

R. 33



1/4 Sec 1, 47, 33. beginning (2)
+ running N 9.20 AM

0. Tamarack swamps 23° E (730)

230 Lake off to W. 850 Creek 3/8 mile

1000 (740) 9.55 AM 1415 Creek 10 paces wide.

1730 Hardwood.

2078 Struck section line & 1/4 post

B. M. 686.56.

Arrived. 760. —

10.55 AM

74.

W 1/4 Sec 1, 47, 33 beginning at N W 1/4
post & running S 11.15 AM

B. M. 680.15 Arrived at 28.05 = 0.

0. Hardwood. 100 Mixed swamps.

480. Creek 8 ft wide. 500 Mixed timber.

900 Cedar swamps. 1000 (670) 12.35 AM.

1405 Creek 2 ft wide.

2000 (685) 1.10 PM.

to. L S S blazes —

30

S.

T.

R.

33

11- (072) 869

(660) 665

25'

Alder Swamp

Second Growth Poplar



Second Growth Poplar

Alder Swamp

Tom arack

A. 1383
T. 1386A. 1383
T. 1386

(665) 665

(675) 675

0

E 1/4 N.

E 1/4 S.

13

138

138

138

F Line Sect 11, 47, 33 beginning at
S.E. corner post + running N 7.50 AM

B.M. 674. 40 Acreed set 28. $P\frac{1}{2} = 0$.

0 Poplar growth $25\frac{3}{4}^\circ E$

N 36 W. 0. strike N $80^\circ E$ Dip. $70-80^\circ S E$ (?)

1382 } Grey wacke (382). Cut by a small dike of
1383 } dike (?) (384) along line of contact of 1382
1384 } 1384 is found a soft chloritic shist (383)
Dike is about 4 ft wide + traced 10 ft.

36 N. 9.50 AM

1385 } N 221 W 0. strike N $80^\circ E$ Dip. $70-80^\circ N$ (?)

1384. Greenstone (hard & tough) 100 ft. + more
rock. Bedding very (?)

1000 10.40 AM.

2040. thick dirt line + corner post 11. AM.

(680) No G.L. b. layers.

E $\frac{1}{8}$ th Sect 11, 47, 33, beginning at N.E.
 $\frac{1}{8}$ th post (?) + running S 2.20 P.M.

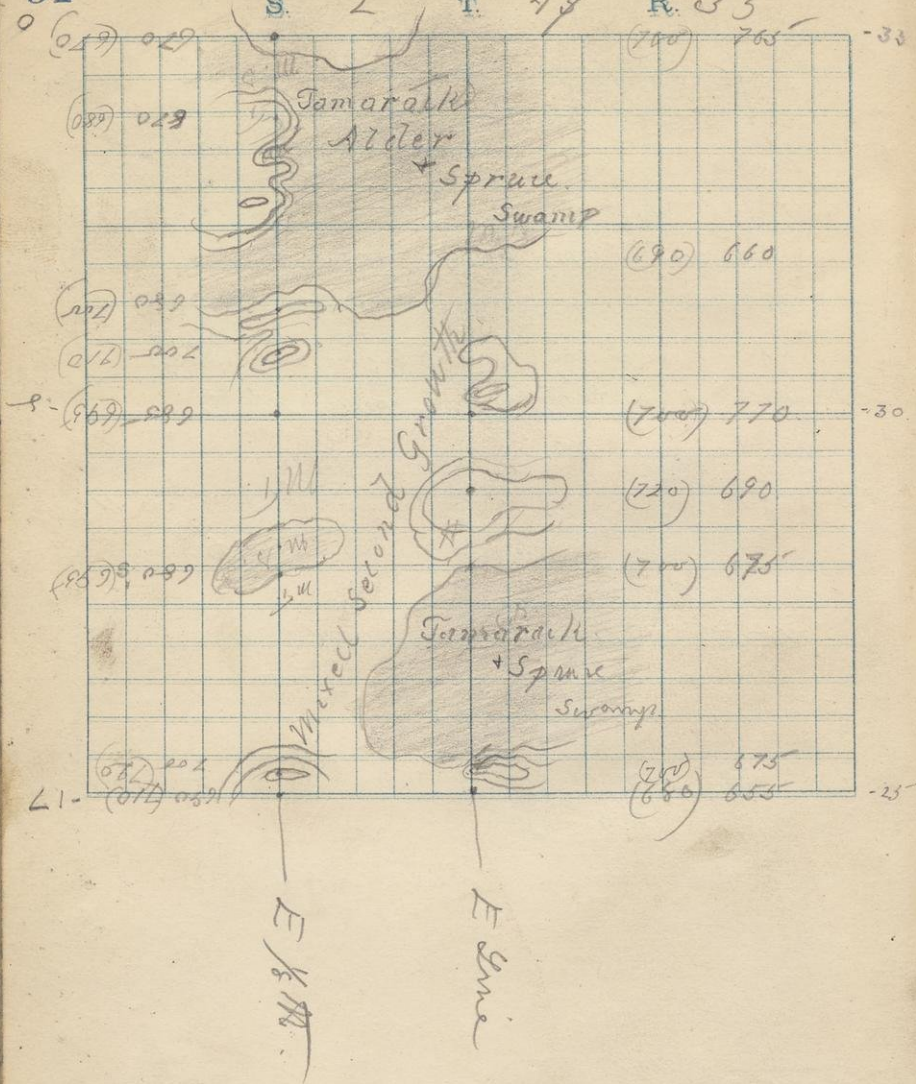
S. Mixed timber $25\frac{3}{4}^\circ E$ (20)

5000. swamp. 1000. Mixed timber 2.45 PM

2004. thick section line 35 paces E of $\frac{1}{8}$ th post

B.M. 681. 85-

Acreed 710. — 3.25 P.M.



E Line Sect 2, 47, 33, beginning at SE
corner post & running N. 11.05
0. Mixed timber (680) $23\frac{1}{2}^{\circ}$ E
600 Hardwood. 1000 11.35 AM.
420 Mixed swamp
2010 Struck section & corner post.
B.M. 667.75
Anemid 780 12 M.

33.

E 1/4th Sect 2, 47, 33, beginning at N.E.
1/4th post & running S 12.53 P.M.
B.M. 668.86 Anemid set. 28.87 = 0
0. Balsam & spruce $23\frac{1}{2}^{\circ}$ E 20 Mixed swamp
140 Mixed timber 420 Hardwood
1000 1.35 P.M. Mixed timber
2000 (710) 2.15 P.M.
No G.S. S blazer.

S.

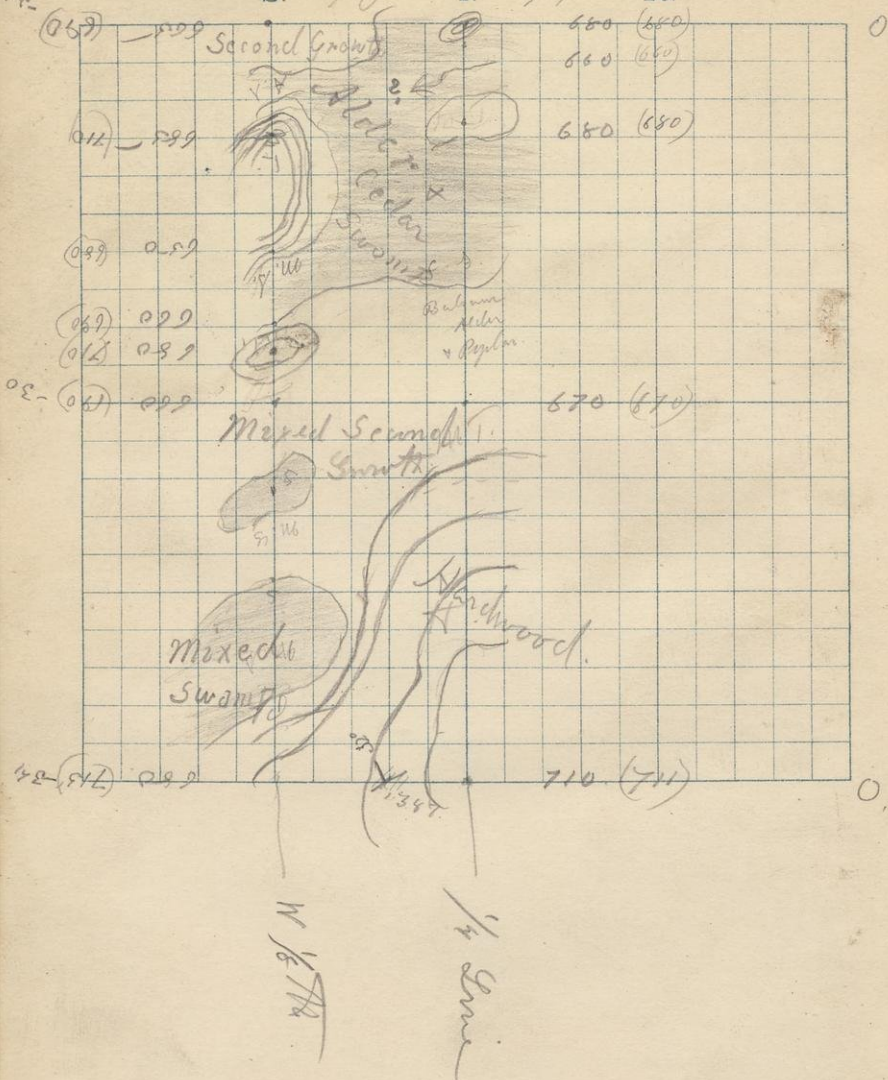
10

T.

47

R.

33



lyt. 24/1.

35

0
1/4 line Sect 10, 47, 33 Beginning
at 5 1/4 past & running N. 8.20 AM.
B.M. 411.42 Aneroid at 26.84 = 0.
V. Poplar 25 3 1/2° E & hardwood.
800 mixed timber 1000 8.50 AM.
2000 (680) 9.40 AM

Mr. G. S. S. Blazer

W. 1/4th. Sect 10, 47, 33 Beginning at
N.W. 1/4th past & running S. 12.40 PM
V. Mixed growth (690) 25 3 1/2° E
1000 1.25 PM
1960. Strike bench line 30 paces W of 1/4th past
B.M. 681.97
Aneroid 715. —
34 2.05 PM.

1387 NW W 1200 p. Strike N. 75° E Dip 52° N.W.
Spotted shirt bulching rock.

S.

T.

R. 33

0

(687) - 688

1.7 665 (663)

(680)

(687) - 688

(688) - 689

Hardwood

- 61 - 680

680 (680)

Mixed
TimberHardwood
+ pine

S

W

S. S.

670 (670)

Mixed timber

680 (680)

680 (680)

(687) - 688
(688) - 689
- 62 - (687) - 688

0

N
1/8
S1/8
S

$\frac{1}{4}$ Line Sect. 3, 47, 33 beginning at S $\frac{1}{4}$ post & running N. 9.55 AM

O. Mixed timber 25 $3\frac{1}{2}^{\circ}$ E

650 Hardwood with a little pine 1000 10.10 AM

2020 thru section line 30 paces W of $\frac{1}{4}$ post

B.M. 662.25

Arrived 665. —

10.35 AM

3

W $\frac{1}{4}$ th Line Sect 3, 47, 33 beginning at N/W $\frac{1}{4}$ post & running S. 10.50 AM

B.M. 656.77 Arrived set. 28.84 = 0

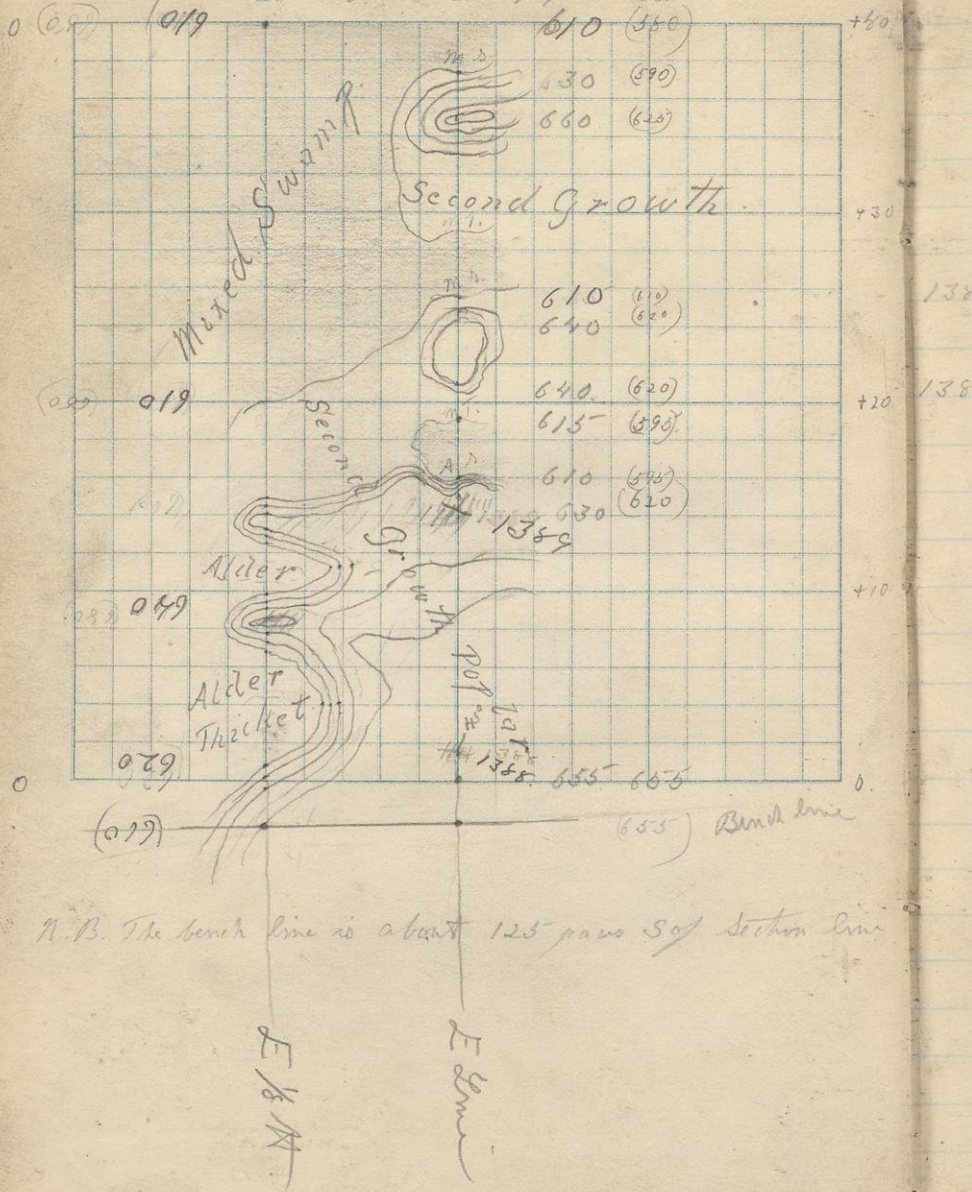
O. Mixed swamp. 25 $3\frac{1}{2}^{\circ}$ E 500 Hardwood

1000 11.55 AM

2000 (690) 12.40 PM.

No Blazed line

S. 9 T. 47 R. 33



N.B. The bench line is about 125 paces S of section line

Sept 25th

39

E Line Sect 9, 47, 33 beginning at
SE corner post & running N. 7.50 AM

B.M. 655.86 Arrived at 28.98 = 0

o. Poplar growth. 253 1/2° E

1388 Struck old section line & corner post

o. Poplar growth

1388 N 80° W o. Struck N 80° W Dip 45° NE Spotted shist.

Dip of cleavage 90° ±

1389 N. 700 W o. Struck N 73° W Dip (?)

Spotted shist harder than 1388

945 Mixed timber (593) 8.55 AM.

2010. Struck section line 34 paces E of corner post

9.40 AM.

(580)

No. L.S.S. work done on this line.

E 4th. Sect 9, 47, 33 beginning at N.E 1/8th
post & running S. 1.50 PM

o. Mixed swamps (650) +

1000. Poplar growth 2.45 PM

1280. Outcrop continuation of 1389 —

2138 Struck fence line 15 paces W. of 1/8th post

B.M. 653.56

Arrived 660. —

3.30 P.M.

The 10th post as marked "set by group"

40

S.

4

T.

47

R.

33

0 (599) 599

655 (560)

+75

(599) 599

660 (590)

(599) 599

660 (600)

(599) 599

(599) 599

(620) (560)

+57

(599) 599

(620) (560)

1390

645 (590)

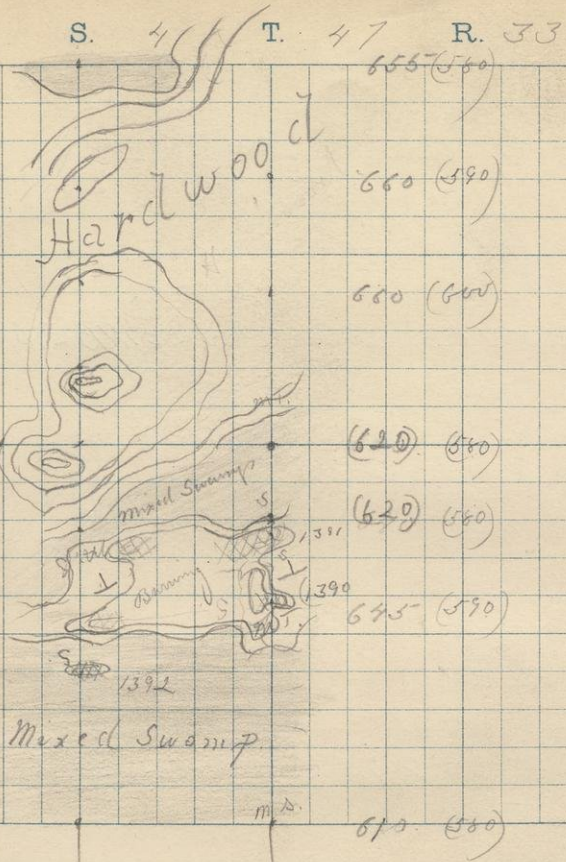
1392

0 (599) 599

615 (560)

+60

Mixed Swamp

E
1/8 A.E
1/8 A.

E line Sect 4, 47, 33. beginning at SE corner
part & running N. 9.40 AM.

O Mixed swamps $23\frac{1}{2}^{\circ}$ E (580)

1390. N 580 W 0. Strike $N 75^{\circ} E \pm$ Dip (?) Onargite
(Geywaite) Large outcrop but mostly covered.

1391. N 750 W 0. Strike $N 75^{\circ} E \pm$ Dip (?)

Schistose rock varying in hardness
1000 (580) 11. AM

2030 Strike but line & corner part.

B.M. 655-61.

Arrived 580.

11.50 AM.

$+7\frac{3}{4}$

E $\frac{1}{2}$ to Sect 4, 47, 33, beginning at NE $\frac{1}{2}$ to
part & running S. 12.05 P.M.

B.M. 637.54 Arrived. 29.08 = 0.

O. Mixed swamps $23\frac{1}{2}^{\circ}$ E 60 Hardswood.

1000 (680) 12.40 P.M.

1391. 1300. Outcrop continuation of 1391.

1400. Outcrop continuation of 1390.

1392. N 400 W 500. Strike & Dip (?) Every little of rock
is to be seen. Onargite. (Geywaite)

5000 (650)

1.30 P.M.

N. L. S. S. line blazed.

42

S.

8

T.

17

R. 33

(074) - 999

645 (671)

marsh
swamp.

(924) 019

630 (630)

640 (640)

(014) - 999
24- (014) - 999

630 (633)

H + P

Pine

1393.

630 (660)

(13)

M.T.

(914) 099

650 (650)

W 1/8 A.

1/2 Pine

Sept 26/91

43

1/4 Sec. 8, 47, 33, beginning at S 1/4 post
& running N 7.40 AM

B.M. 649.33 Meridian at 29.08 = 0.

O. Cedar swamps S 3 1/2° E 100' Mixed Timber

1393 N 360 W 1000' Stumps & chips not apparent

1000 9 AM. Hardwood with a little pine

2000 10.00 AM. (670)

Mr. G. S. S. Glazer

W 1/4th Sec 8, 47, 33 beginning at NW

1/4th post & running S 3.15 PM

O. Hardwood W. 3 1/2° E

500' Mixed Timber 3.50 PM

1847. Stuck Sec line. 35 paces W of 1/4th post

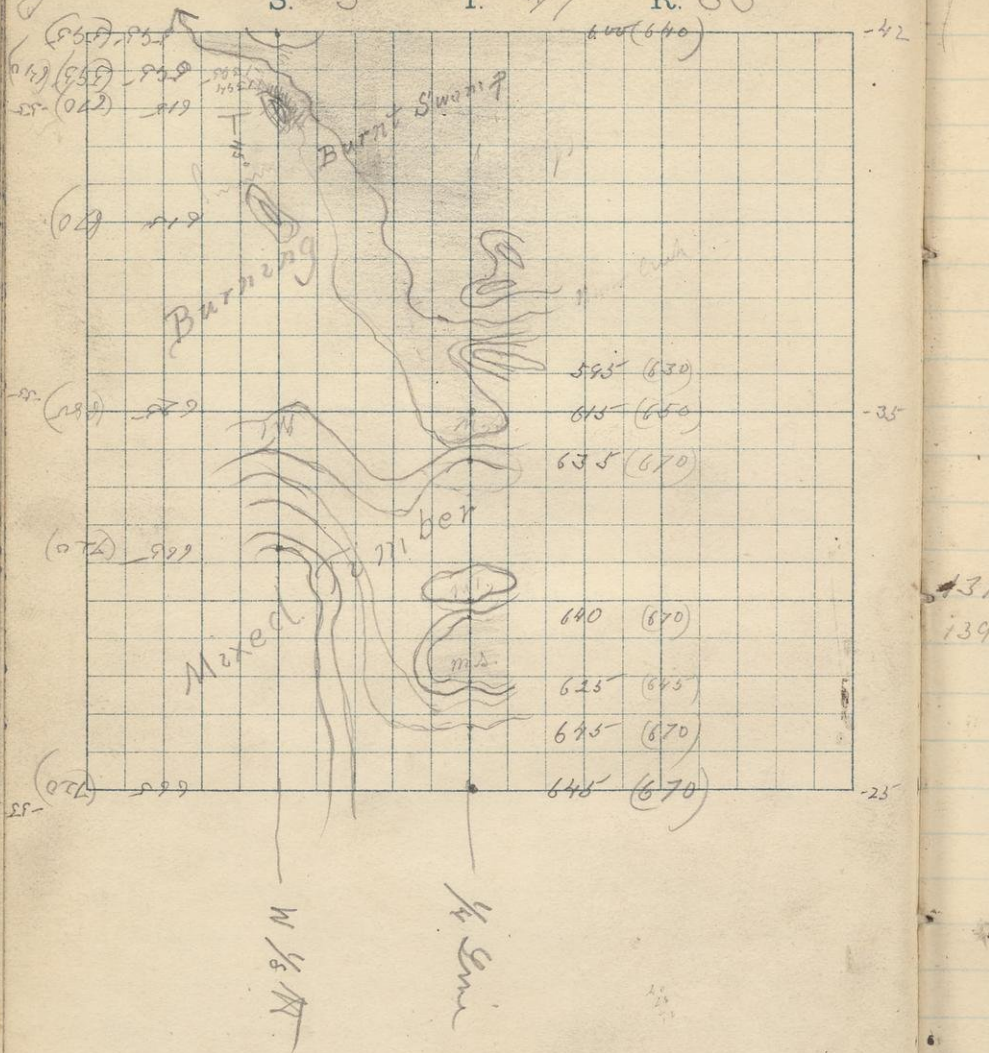
B.M. 660.01

Meridian 7.15

4.20 PM

155

14



$\frac{1}{4}$ Sec. 5, 47, 33 beginning at $5\frac{1}{4}$
post & running N. 10. AM.

O. Mixed Growth. (670)

1000 (650) 11. AM. 1210 Oak 3 ft wide

1890 struck section line 35 paces E of $\frac{1}{4}$ post

B. M. 598. 31

Harwood. 640 -

11.45 AM

72

W $\frac{1}{4}$ Sec 5, 47, 33 beginning at NW $\frac{1}{4}$ $\frac{1}{4}$
post & running S 12.10 AM

B. M. 595. 25 Harwood set 29.02 = 0.

O. Burning Bar $3\frac{1}{2}$ " E 100 Oak 15 ft wide

N. 1850 W 1500 Strike N 70° E Dip 343° S. E.

1394

1394 Massiv. rock interbedded with

1395 a shist. Contact traced 50 ft

Very large outcrop. (640) 2. P. M.

1000 2.30 (680) Mixed timber

1500 Hardwood

2000 (7.20) 3.10 P. M.

Dr G. S. S. blazes.

46

5240
8610
1242

189

S.

T.

47

R. 33

(029)

849

665

(880)

-14

Mixed Second Growth

(029)

859



ms.

Samarack Swamp

S.

ms.

S.

875

(880)

-5

Second Growth

(029)

889

Second Growth

(029)

899

895

(883)

0

11/18/11

E. line

Sept. 27/0,

47

E sect line. Set 7, 47, 33 beginning at
S.E. corner & running N. 9. 13 AM.

B. M. 686.40. Aneroid set. 28.83 = 0

0. Hardwood $\cup 2\frac{1}{2}^{\circ}$ E. 1000 (680) 9.50 PM.
Set & struck section corner. (680).

10.40 AM

At 1650 we struck the S. S. S. line to
which we paid no attention as it was
nearly $\frac{1}{4}$ of a mile to far S.

We found old originals & B. T. at 2018 paces
"

E $\frac{1}{8}$ A. Set 7, 47, 33 beginning at N.E
 $\frac{1}{8}$ A. post & running S. 3.05 PM.

0. Mixed timber (630) $\cup 2\frac{1}{2}^{\circ}$ E

480. We struck one of the S. S. S. Magell lines
intended for section line

1000 13.35 P. M. (630)

2040 Struck section line 45 paces W of 1st post

B. M. 736.50

Aneroid. 710. —

4.30 P. M.

+26

48

S. 6 T. 47 R. 33

019 019

595 (630)

-33-

5.1

5

585 (620)

620 (633)

Burnt
corral with angular
Boulders

5.1

5.6 (019) 5.19

635 (660)

-24-

Mixed

655 (680)

Timber

019 (029) 049

Swamp

665 (680)

-14-

L
1/8 RE
Sue

E Line Section 6, 47, 33 beginning at
S.E. corner post & running N. 00.40

O. Hard & soft - woods (680) $22\frac{1}{2}^{\circ}$ E
1000 (660) 11.20 AM.

2004 Stake Sect. line $3\frac{1}{2}$ paces E of post
B.M. 583.43

Amrid 630. -
35

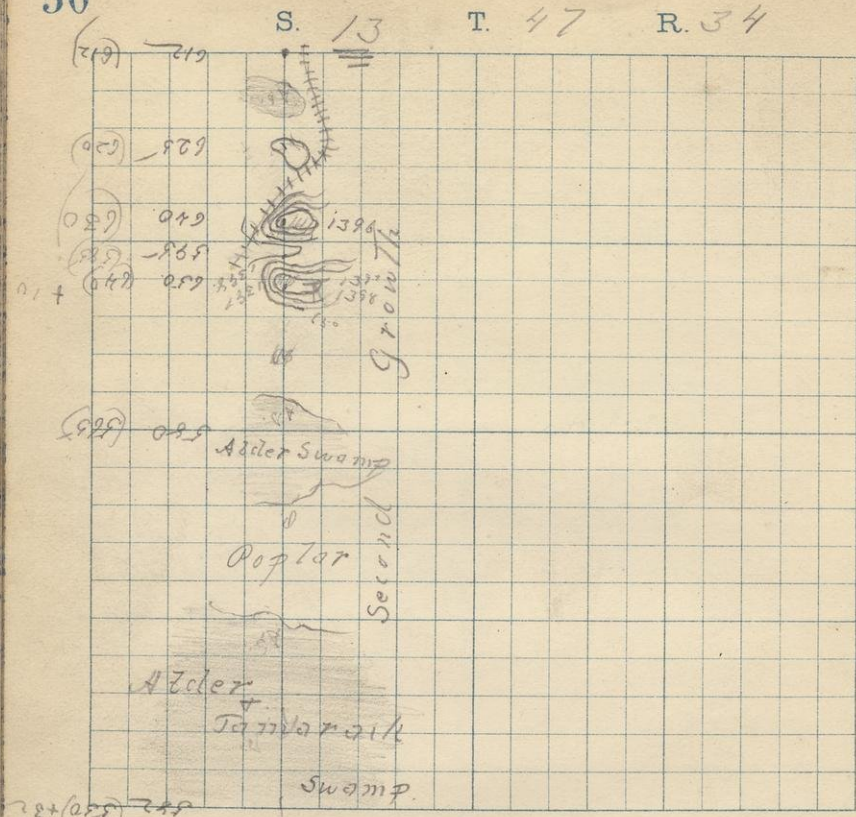
12.20 P.M.

E $\frac{1}{8}$ A Sect 6, 43, 33 beginning at
N.E. $\frac{1}{8}$ A post & running S. 1.35 P.M.

B.M. 610 = Amrid Sect 58.8 = 0.

O. Bearing $22\frac{1}{2}^{\circ}$ E 1000 Mixed timber 2.10 P.M.

2004 (630) 3.05 P.M.



The typographer will please notice that this
 run is taken out of the regular order
 & is not numbered wrong.

$\frac{N}{16} \frac{1}{2}$

Sept 29/9.

2000
670
130

51

W 8th. Sit. 13, 47, 34 beginning at NW
8th post & running S. 12.27 PM

B. M. 612.835. Arrived at 26.89 = 0.

1. Poplar V 2° E

1396. N 1530 W 1500. Strike N 90° E Dips not
made out. (Mica schist) Slate.

1397/1398 N 1425 W 1500. Strike N 85° E Dip 65° S E (3)

1397. Greywacke schist interbedded with

1398. slate & slate

800 Outcrop similar 1397 + 1398.

1000 (565) 1.55 P.M.

2000 (550) 2.30 P.M.

Mr. John Hays A.

52

Out of regular order - South.

S.

24

T.

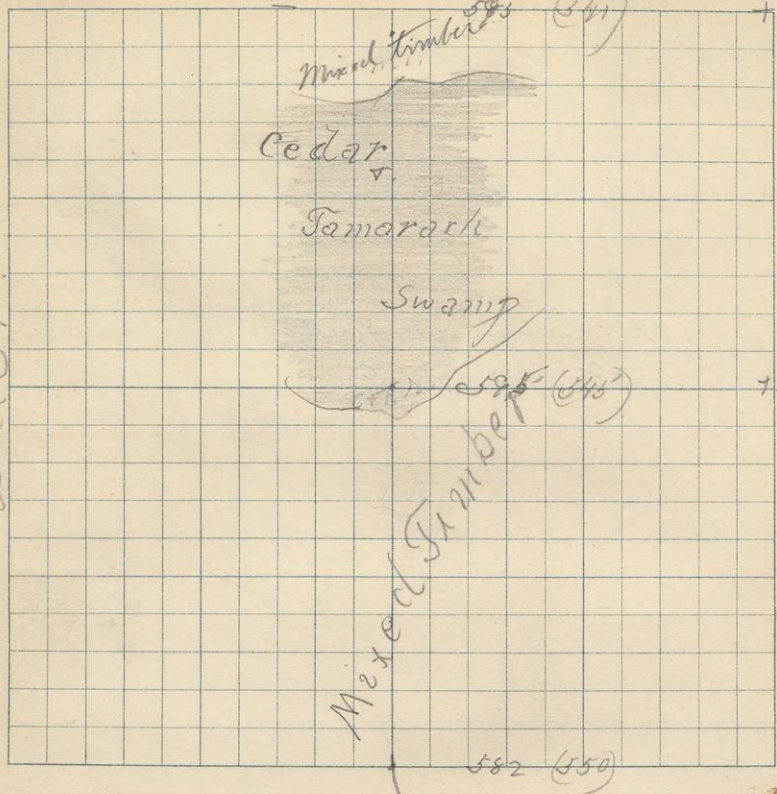
17

R.

34

East

West



North

By mistake this page was plotted the
 wrong way. The lower end of the page
 is North.

W $\frac{1}{2}$ th. Sect 2447, 34 beginning at
 N. W $\frac{1}{2}$ th. part + running S. 2.30 P.M.
 0. Tamarack + spruce swamp. (550) 22° E
 485. 6 feet 15 paces E on the blazed line

665 Mixed timber - pine.

1000 (545) Tamarack + cedar swamp. 3.00 P.M.

1941. Struck section line 8 paces E of 1/2th part

B. M. 593.32

Arrived. 541.00

3 40 P.M.

+52 "

Nest.

S.

T.

R.

1921
Mixed Timber

Mixed

Swamp

Second Growth

Hardwood

1/2 mi

W 1/2 mi

cedar

650

(660)

660

(670)

695

(700)

655

(660)

625

(630)

720

(720)

1921

1701

1921

1701

1921

1701

1921

1701

1921

1701

1921

1701

1921

1701

1921

1701

1921

1701

1921

1701

1921

1701

1921

1701

Sept 30/91

55

1/2 Sect 12, 47, 34 beginning at S 1/4 post &
running N. 7.25 AM.

B.M. 627.27. Arrived at 22.12 = 0

0 Regular. T. 2° E 1000 8.25 AM

1878. Struck section line & 1/4 post.

(660) 9. AM.

W 1/4 Sect 12, 47, 34 beginning at N.W 1/4
post & running S. 12.55 PM

0 Mixed timber. T 2 1/2° E (720)

1701 N. 1790 W 1500 Quartzite (Greywacke)
1000 (730) 1.30 PM.

1702 N. 100 W 1450 strike N. 85° E Dip of foliation
30° SW Slate.

1994. Struck section line.

B.M. 612.83

Arrived 1.35

1.23 0.71.

-23.

56

S.

T.

R. 34

(452) - 852

650 (670)

(642) - 892

665 (685)

640 (660)

660

675 (690)

Mixed Timber

1399
1400

645 (700)

(822) - 912

670 (685)

Swamp

Hardwood

660 (675)

Mixed Timber

1400

(922) - 912

650 (660)

↑ * Outcrop / guywade same as 1399.
N. 2000 W. 1200

N 1/4 A.

1/4 B.

20
 $\frac{1}{4}$ line bet 1, 47, 34, beginning at S
 $\frac{1}{4}$ post & running N. 9 AM
 o. Mixed timber. 22° (660)
 1000. Hardwood 9.40 AM.

1389 N 1133. W 1000. Strike N. 85° E, Dip ?

1400 1399. Grey shale & 1700. Spotted shist

-15
 The line contact not found as outcrop
 was mostly covered. Dip probably S. W
 181818 Outcrop similar to 1399.

1900. Shale section line & $\frac{1}{4}$ post.

B.M. 637.11. Probable error of 100 paces.

Arrived 670. — 11 AM.

-20.

N $\frac{1}{8}$ th bet 1, 47, 34 beginning at N.W $\frac{1}{8}$ th post
 & running S. 11.50 AM

B.M. 694.15. Perimeter est. $39.12 = 0$.

-10
 o. Hardwood. 22° E 1000 Mixed timber 12.20 PM

1928. Shale section line 34 paces W of $\frac{1}{8}$ th post.

(20)

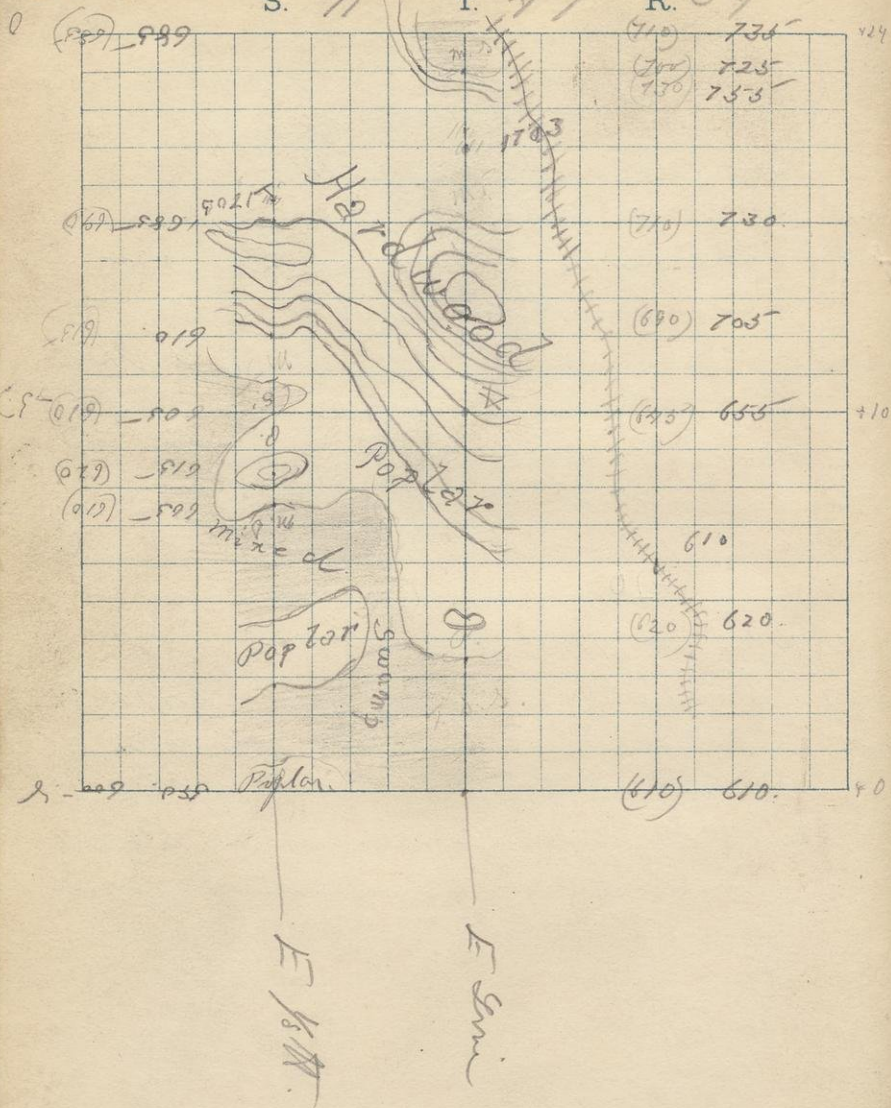
12.50 P.M.

58

S. 11

T. 47

R. 34



E Line Sect 11, 47, 34 beginning
at SE corner & running N 72° 0' W
B M 608.81. Arrived at 28. E = 0.

O. Tamarack & spruces showing 22° E
1000 (645) 7.55 AM. Hardwood.

1703 N 1700 W 2000. Grey water shirt

Strike N 50° E ?? Dip 60° SE ??

The outcrop covered by angular boulders
therefore dips very questionable.

1882 Struck line & corner post (710)

8.55 AM.

E 1/8th Sect 11, 47, 34 beginning at NE
1/8th post & running S. 11.30.
O. Hardwood (683) 22 1/2° E

1705 N 1535 W 300. Strike N 75° E Dip 75° S 47.

Greyish slate. Line of contact very plain
specimen shows contact.

Dip & strike somewhat questionable as contact
could only be seen about two feet outcrops
being covered.

1000 12.13 PM.

1884 Struck section line 22 paces W of 1/8th post

B M 608.92.

Arrived 600.
8.

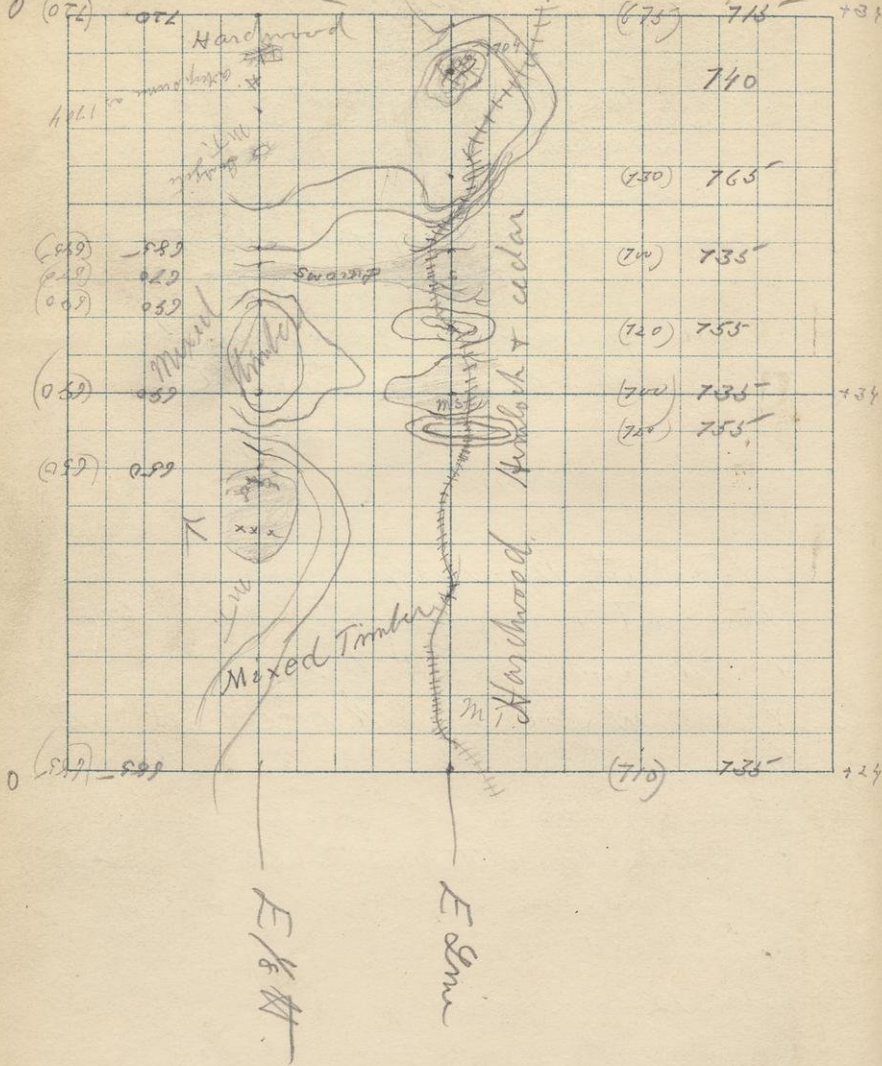
1.35 P.M.

0 (071)

2

47

34



E Line Sect. 2, 47, 34 beginning at SE corner
post & running N. 10.55 AM.

0. Mixed Timber (710) $\approx 2^\circ E$

1000 9.25 AM. (700)

1704 N 1840. N 1950. — Grey water.

1965 stanch section line & corner post.

B. M. 714, 18.

Arrived 675-

10.10 AM.

39.

E 1/4 Sec. 2, 47, 34 beginning at NE 1/4
post & running S 10.22 AM.

B. M. 720, 75- Arrived at 28.53 = 0

0 Hardwood. $\approx 2^\circ E$

100. Outcrop similar to 1704.

1000. Mixed timber 10.55 AM.

1983 stanch section line 20 paces W of 1/4th post.

(655)

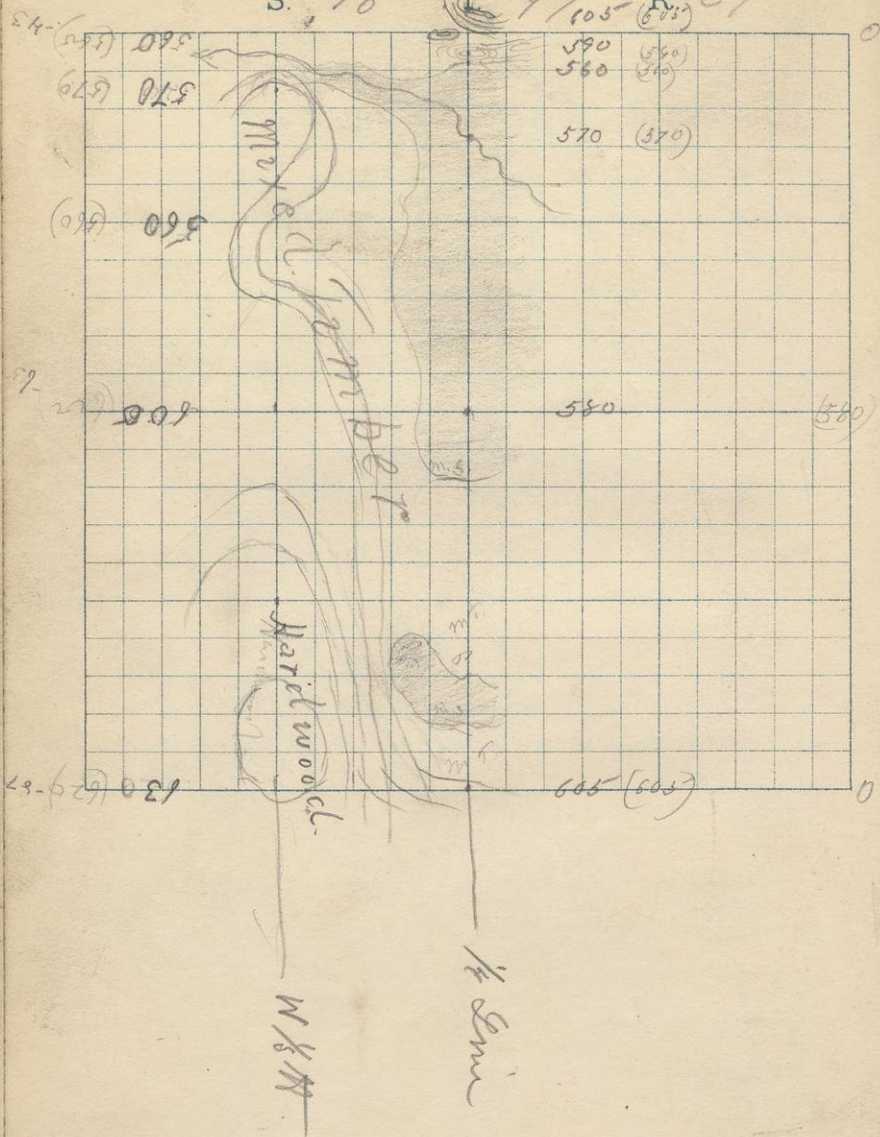
11.30 AM

S. 10

T

R

4705-34



Oct 2/91

63

1/4 line. Sect 10, 47, 34, beginning at S
1/4 post & running N. 7.40 AM.

B. M. 607.27. Arrived at 28.78 = 0.
O. Mixed timber. 22 1/2 ° F

1000 (60) 8.45 AM.

2053. Stuck section line 52 p E of 1/4 post. (60.5)
9. AM.

W 1/8th. Sect 10, 47, 34, beginning at NW
1/8th post & running S 1.33 P.M.

O. Poplar 23 ° F. 600 Mixed timber
over (600) 2.30 P.M.

2058. Stuck section line 50 pous W of 1/8th post

B. M. 633.01 7

Arrived. 620 —

3 P.M.

187.

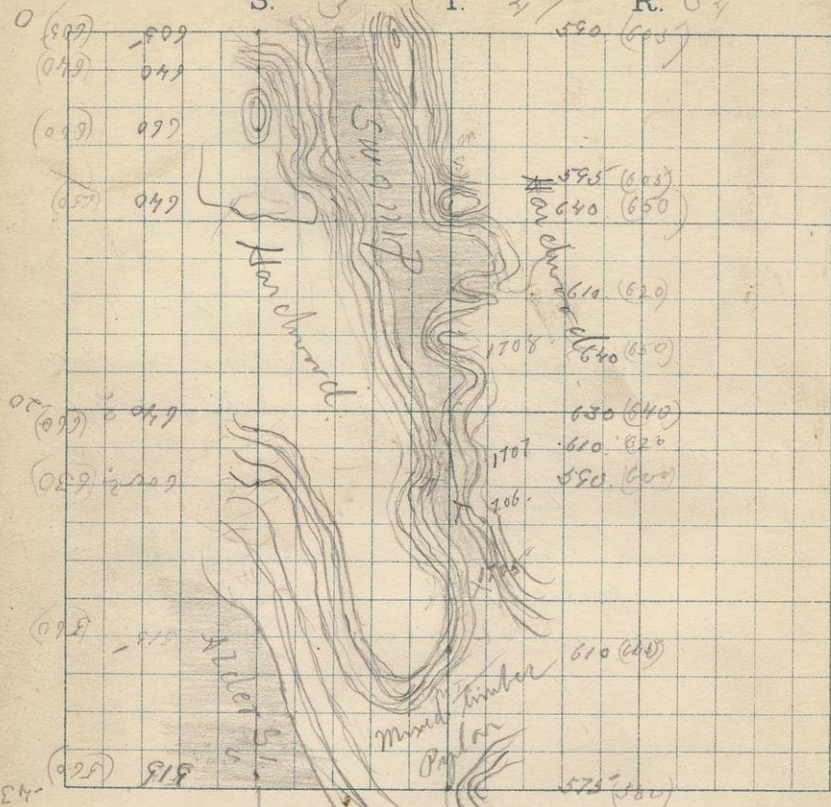
43.

2.

S. 3

T. 17

R. 34



W 1/4 Sec. 67.

1/4 Sec.

$\frac{1}{4}$ Mile Sect 3, 47, 34, beginning at $5\frac{1}{4}$ post
 & running N. 9.25 AM.

O. Piquet. (580) 253.

200 Mixed timber

1706. N. 600 W. 1000. Strike N. 20° W. Dip 35°.

Slate. Strike & dip of cleavage.

These strikes & dips are very good on all.

600 10.45 AM.

800 Same as 1705 Strike E + W. Dip 65° S. of Cleavage

1707 N. 860. W. 1000. Strike N 85° E Dip 97°.

Slate. No bedding distinguishable.

1000 (640) 11.35 AM.

1708. N 1165 W. 1000. Strike E + W. Dip 65° S.

Slate.

1038 Struck section line 50 paces W of $\frac{1}{4}$ post.

B.M. 593.47.

Arenic 605. —

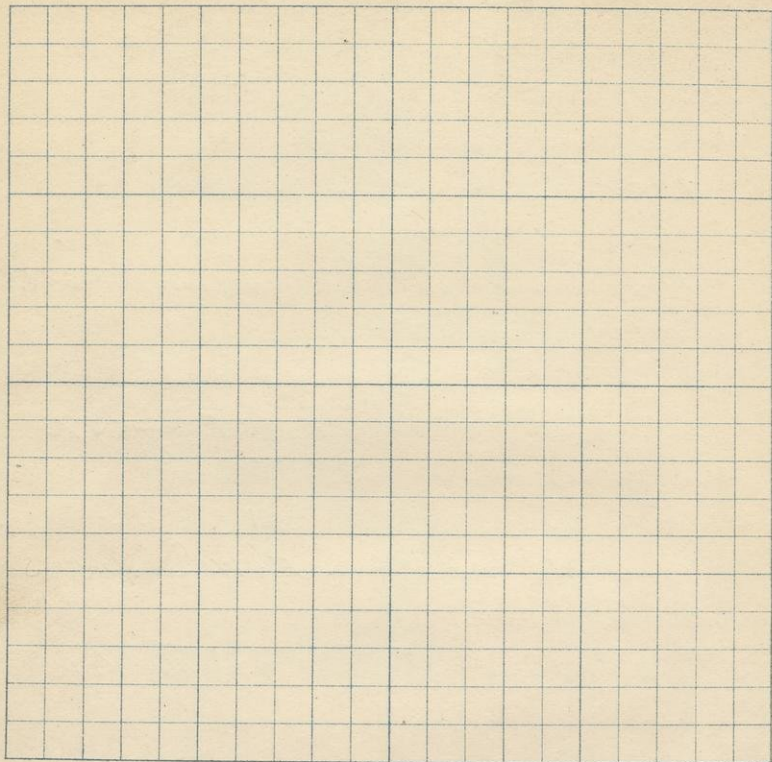
12.15 PM

12.

S.

T.

R.



Plot p. 64.

67

W 1/8th Sect 3, 47, 34 beginning at N W
1/4th post + running S. 1 P.M.

B. 605. 11. Aired at 28.76 = 0.

o. Hardwood 25 3°F

1058. 1.25 P.M. (669)

1950 Probably struck section line

1.53 P.M.

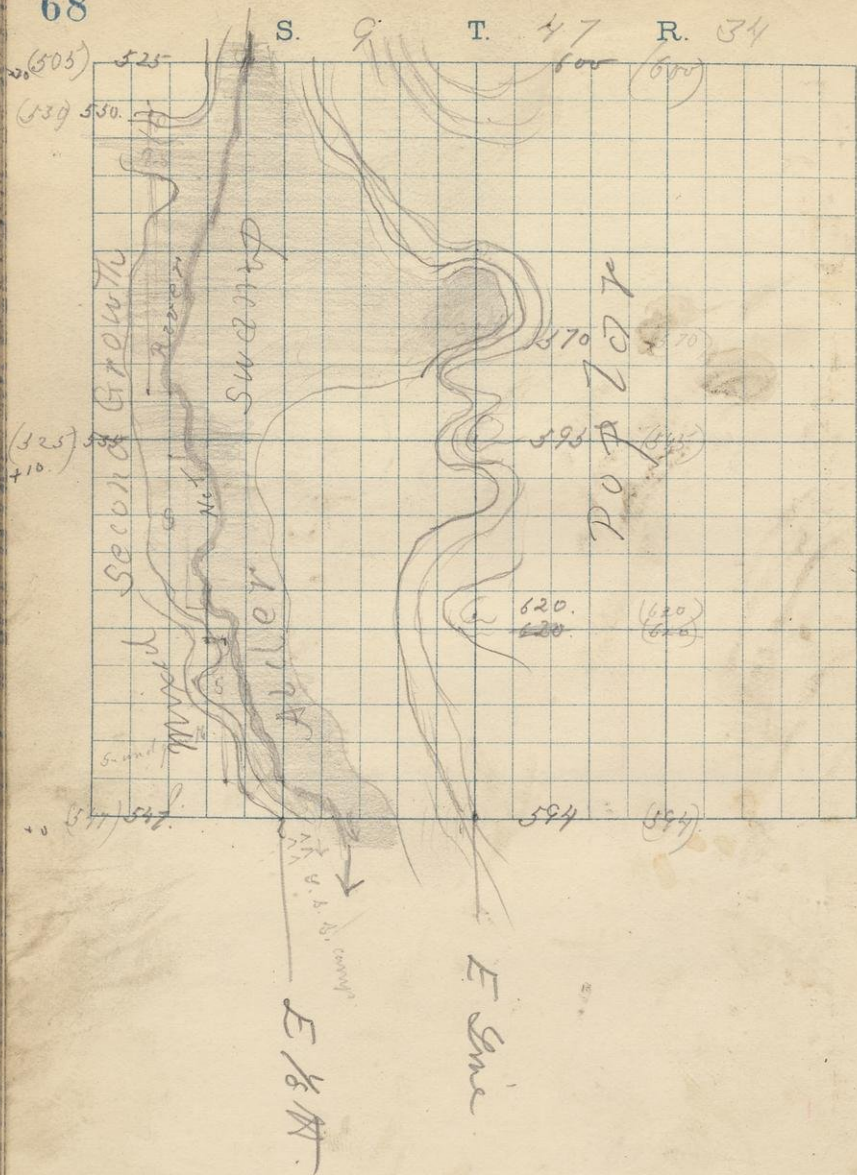
S.

T.

47

R.

34



E Line Sect. 9, 47, 34 beginning at S.E.
corner post & running N. 7:50 AM.

B.M. 584.68 Arvid set 2885 = 0.

O. Poplar $\varnothing 4\frac{1}{2}''$ E 1000 8:35 AM

1982 Stake set line 9 paces W of corner post
(605) 9:15 AM.

E 1/4 Sec. 9, 47, 34, beginning at S.E.
1/4 A. post & running N. 7:17 AM

B.M. 547.50 Arvid set 2587 = 0

O. Poplar $\varnothing 4\frac{1}{2}''$ E 1000 (525) 8:15 AM

1978 Stake set line 10 paces W of corner after
making correction of 350 paces for offset.
(605) 8:50 AM.

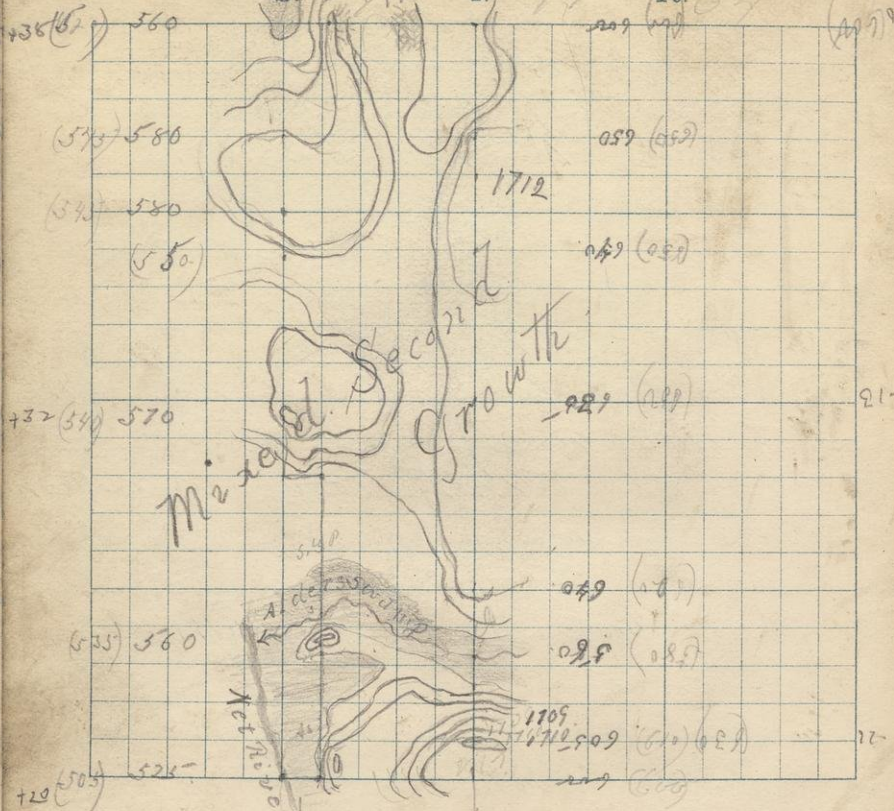
70

1508 4 T 47 B 34

S.

T.

R.



N. River

E. 2m

E. 1/8 M.

17
1710

1711

E Line Sect. 4, 47, 34 beginning at
 S.E. corner plat & running N. 9, 2, 4, 11
 o. Mixed timber 2 40 $\frac{1}{2}$ E (600)
 1709 N. 100 E O. Strike N. 115° E Dip 50° S. W
 1710 Gey. quartz (500) interbedded with slate (210)
 Bedding very plain

115
 25
 65

E 1/2 A. Sect 4, 47, 34 beginning at S.E. 1/4 A. post
 & running N. 8.55 A.M.

S. Hills Swamp. 2. 2 1/2 E (500)
 500. Second growth. 1000. Mixed second growth 9.40 A.M.
 1300. Second growth. 1000. Mixed second growth

4000. Strike section line & 1/2 A. post

B. 11.55. 19.

Amide 20. 00.
 +38

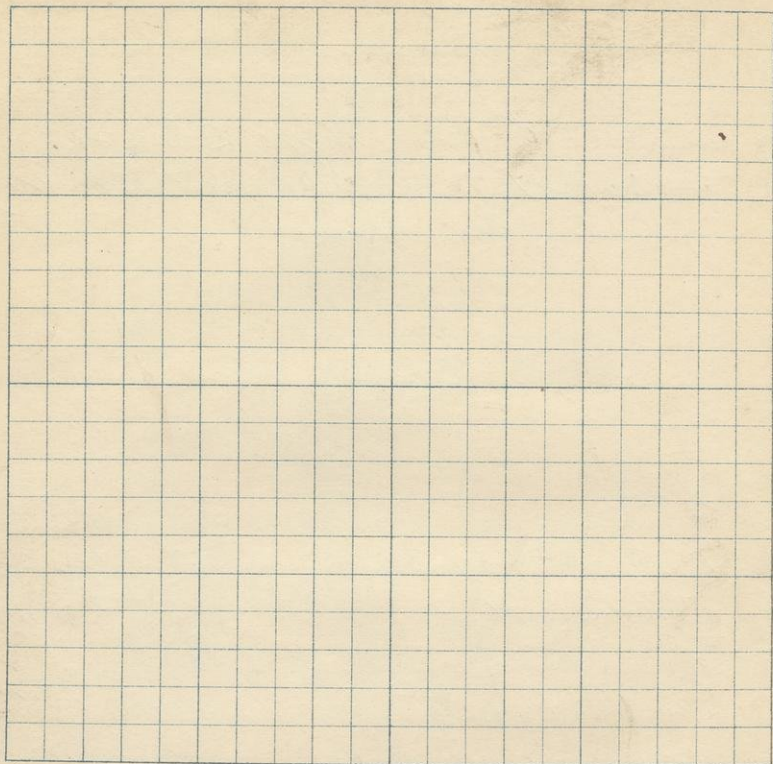
10.12. AM

1711. N. 2000 W. Strike N 30° E Dip (?)
 Shale hard, semi slaty clear of green clay
 interbedded with quartzite (granite like) No contact
 was found. My impression is that the clay is
 to the S.W. at least perpendicular.

S.

T.

R.



E Line bet 4, 47, 34. beginning at N.E.
corner part 8 running S 10.53 AM.

D.M. 623.00. Arrived at 28.92 = 0

0. Mixed timber S 4 1/2 E.

1712 N. 1600 W 0. Strike N 40 W. (2). (Cement found)

Grayshale. No building cherting marked

1000 (650) 11.45 AM

1500 Mixed second growth.

1900. (630) 12.10 P.M.

D.M. 594.68

Arrive 6.50 —

1. P.M.

56

-26

$\frac{1}{8}$ line Sect 8, 47, 34 beginning at $\frac{1}{8}$ post & running N. 2.00 PM

B.M. 523-84 Aerial set. 28.8 = 0.

o. Swamp. $24\frac{1}{2}^{\circ}$ E 30 mixed second growth
1000 2.30 PM mixed timber
2000 stum section line 114 paces W of $\frac{1}{8}$ post

(540).

2.55 PM

W $\frac{1}{8}$ th. Sect 8, 47, 34 beginning at
N.W. $\frac{1}{8}$ th post & running S. 3.10 PM

o. Hardwood $24\frac{1}{2}^{\circ}$ E (600)

1000 (600) 3.25 PM

1454 stum section line & N.W. post

B.M. 628.78

Aerial 580. — 3.50 PM

550. +38

76

Fin det 5 aug 80.

S.

T.

R.

2 (28.9)

630

630

(610)

(28.9)

630

625 (610)

6 (28.9)

630

620 (610)

(28.9)

630

625 (610)

(28.9)

630

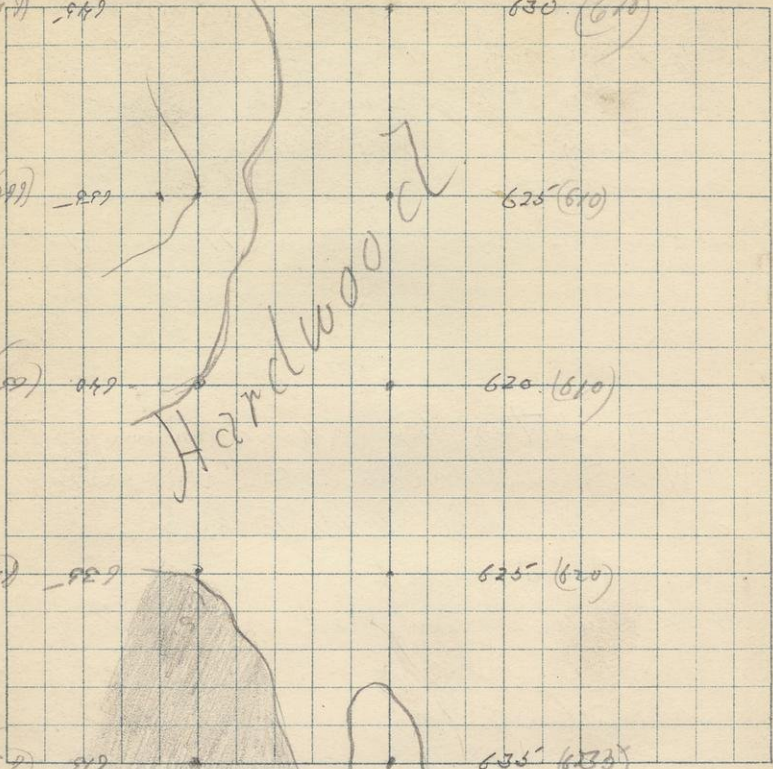
625 (610)

-12

E 1/4 A

E 1/4 B

Hardwood



Oct 9/4

77

E Line Sect. 7, 47, 34, beginning
at S.E. corner & running N 8.10 AM
B.M. 636.73, Humid. at 28.01 = 0.
o. Handwood. 255°E 1000 8.40 AM

From maple.

1980. Thick section line 20 paces E of corner
(620) 9.10 AM.

E 1/4th. Sect. 7, 47, 34 beginning at NE
corner 1/4th post & running S 2.50 P.M.
o. Handwood. 25 1/2°E (630) From maple.
1000 3.13 P.M.

1974 thick section line at 1/4th post
B.M. 618.30.

Humid. 625. —

3.45 P.M.

78

S.

T.

R.

0.999 - 999

605

+33

(999) - 999

620

0.999 - 999

650

+27

(0.99) - 999

0.999 - 999

640.

+18

Hartwood

E 3m

E 1/2 A

E Line bet 6, 47, 34 beginning
at S.E. corner just + running N
o. Harwood Time Map 6.25 1/2 E. 15 AM
1005 (620) 9.45 AM

1992 Stuck section line + corner post.

B.M. 603.18.

Arrived 5.70. -

10.05 AM.

33

18.

E 1/4th bet 6, 47, 34, beginning at N.E.
1/4th post + running S. 1.37 PM

B.M. 605.73. Arrived bet. 29.05 = 0.

o. Harwood. 24 1/2 E. Time Map.

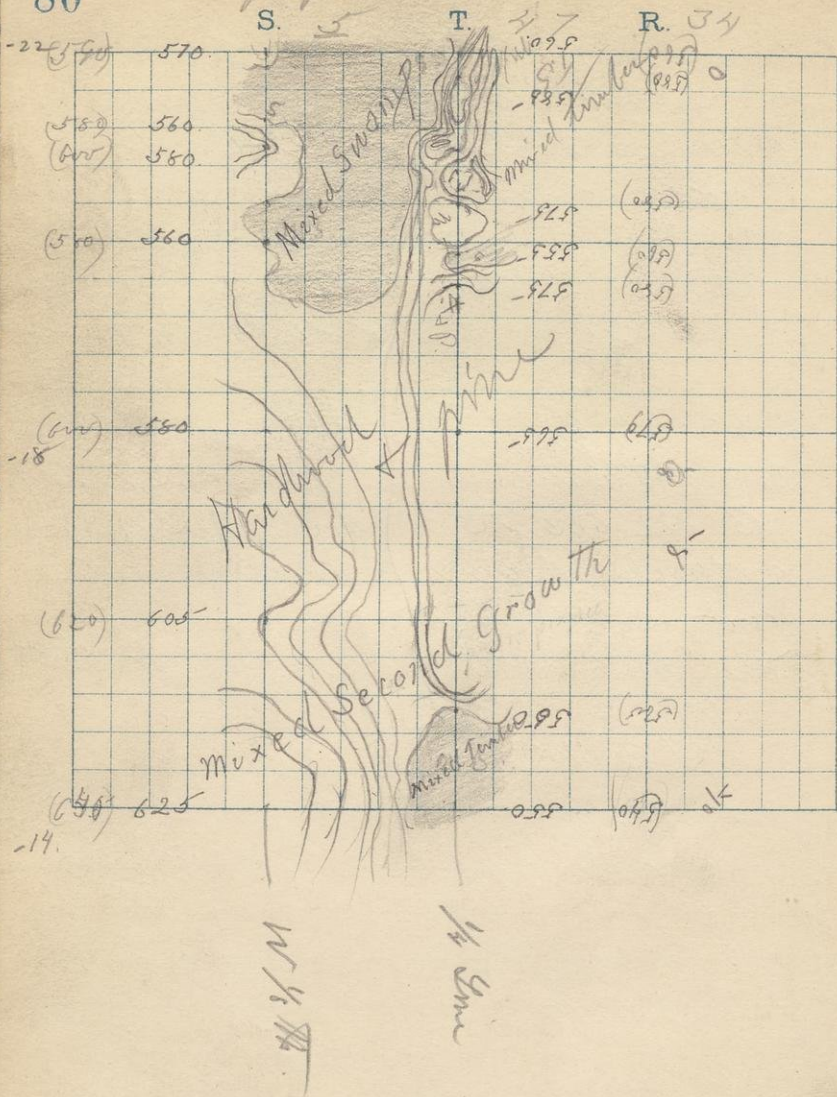
1005. 2.00 PM (650)

1992 Stuck section line + 1/4th post

(650). 2.30 P.M.

80

For Sect 8 p. 74.



$\frac{1}{2}$ mile S. of 3, 47, 34, beginning
at N. $\frac{1}{2}$ mile post & running S. 16.40 AM
B.M. 561.14 Aneroid set 29.05.

o. mixed second growth 24½
Nov. mixed timber 800 Hardwood & pine
1000 (320) 11.15 AM

2010. Struck section line 10 paces W of $\frac{1}{2}$ mile post
(320) 11.55 AM

W $\frac{1}{2}$ mile S. of 3, 47, 34, beginning at S. E
 $\frac{1}{8}$ mile post & running N. 12.25 P.M.
o. Hardwood Timber approx. 24½° E (633)
1000 12.50 P.M. (600)

1935 Struck section line 12 paces E of $\frac{1}{2}$ mile post.
B.M. 568.66.

Aneroid. 580. — 1.20 P.M.
24.

52

T

R

33-

0 (2.84) 0.84

570 (570)

560 (560)

540 (540)

580. (580)

560 6560

520 (520)

370 (570)

565' (563)

555 633

550. (550)

470 (470)

540 (540)

510 (B. 10)

(164) 045

550 (550)

560 (560)

520 1/30

 $\frac{1}{8}$

1/2 line

Dec 2000

Boring

↑
Barn

Complicated things

32

14

A pencil sketch of a hand with fingers spread, resting on a grid background. The drawing is done in a simple, expressive style with light pencil lines. The hand is positioned with the palm facing upwards, and the fingers are slightly curved. The grid lines are visible in the background, providing a sense of scale and orientation.

520

Oct 7/91

83

$\frac{1}{4}$ Lm. Sect. 12, 47, 33, beginning at $S\frac{1}{4}$
post & running N. 8 AM.

B.M. 552.71 found set 29.02 = 0.

O. Barring $U.S.P.E.$ 1000 (330) 8.25 AM

1350 Hardwood 1700 Barring

1970 thick section line 21 paces W of $\frac{1}{4}$ post
(370) 9 AM.

E $\frac{1}{8}$ th. Sect 12, 47, 33, beginning at NE
 $\frac{1}{8}$ th. post & running S. 11.30 AM

O. Barring 264 $\frac{1}{2}$ (350)

1000 Mixed second growth. (330) 12.15 PM.

1500 (330) Pine

2015 thick section line & $\frac{1}{8}$ th. post.

B.M. 516.43.

found 520. — 12.40 PM.

S.

T.

47

R.

35

0 (0.5) 0.5

540 (540)

064 (0.4)

560 (560)

018 (0.18)

550 (550)

024 (0.24)

520 (520)

028 (0.28)

H 520 (530)

084 (0.84)

570 (570)

095 (0.95)

530 (530)

084 (0.84)

530 (530)

055 (0.55)

560 (560)

084 (0.84)

570 (570)

Hardwood

Hardwood

T

P

084

Second

Growth
Poplar

2012

(2) 6.4

570 (570)

W 1/8th

1/8 line

$\frac{1}{2}$ Lm Section 1, 47, 35 beginning at S
 $\frac{1}{2}$ post + running N. 9 AM
 O. Burning (57) $84\frac{1}{2}$ E.

Hardwood ~~guts~~ maple. 0700 Burning
 1000 Partially burned hardwood 8.45 AM.

1884 Stuck Section line 5 paces E $\frac{1}{2}$ post
 B.M. 536.63

Arrived. 540. - 10.10 AM.
 4

W $\frac{1}{2}$ H. Section 1, 47, 35, beginning at N. W $\frac{1}{2}$ H.
 $\frac{1}{2}$ H post + running N. 10.20 AM.

B.M. 511.52. Arrived. set. 22.01-0.

O. Hardwood. Fine maple. $84\frac{1}{2}$ E

1000. Burning (52) 10.50 AM.

1910. Stuck Section line 58 paces E of corner
 (460). 11.35 AM.

S.

T.

R.

420 (420)

460

470 (470)

500 (500)

480 (480)

540 (540)

550 (550)

550 (550)

500 (500)

500 (500)

540 (540)

550 (550)

470 (470)

480 (480)

G.S.S. Camp.

Hardwood

Mixed Swamp

Mixed timber

E 1/8 N.

E line

The ground got really shallow by a hole
structures entirely mud-built

(0.20)

(0.10)

Oct 8/9,

87

E Line Sect 11, 47, 35, beginning at S.E. corner & running N. 7.55 AM.

B.M. 544.54. Aerial. set. 28.97 = 0.

O. Mixed timber 2 1/2 E 500 Northwood & pine
1000 Stand growth mixed timber 8.50.

2088 thick section line & part E of corner post.

(420)

9.30 AM

E 1/8th Sect 11, 47, 35, beginning at N.E. 1/8th post & running S. 1.0 P.M.

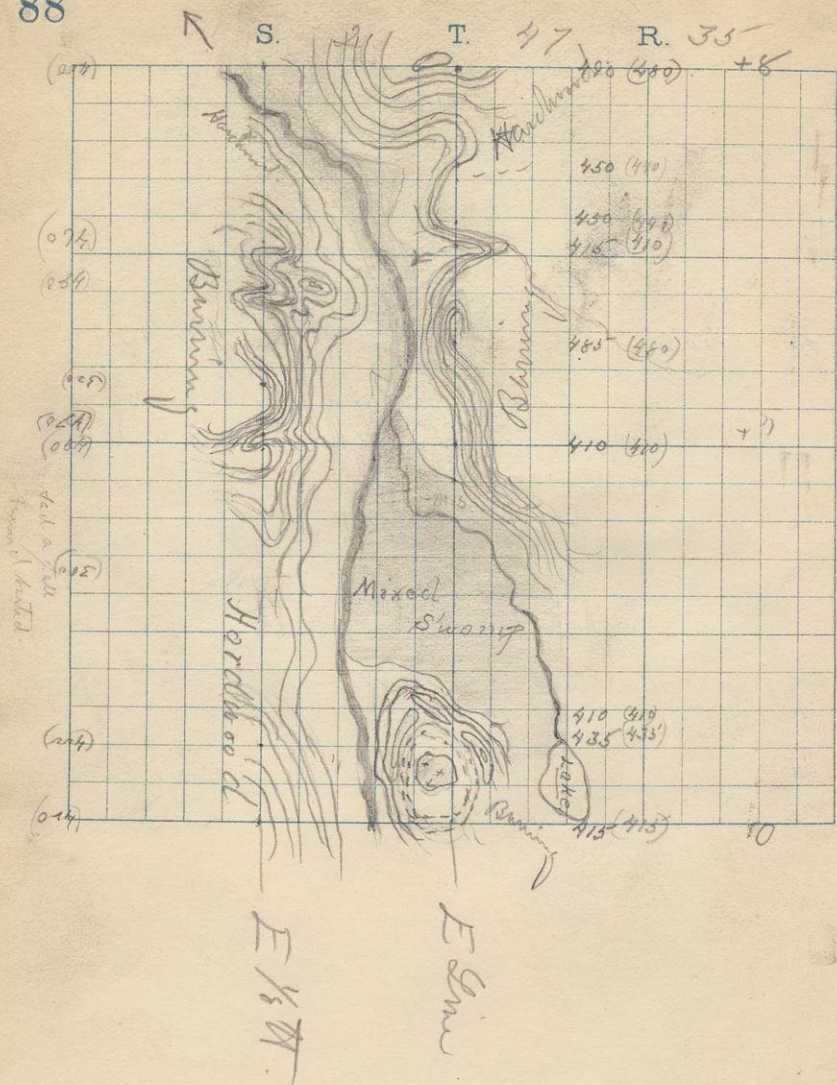
O. Hardwood 2 1/2 E (420)

1000 1.25 P.M.

1987 thick section line & 1/8th post.

B.M. 513.92

Aerial. 450. — Bush! 2.0 P.M.



E 1/4 Sec 2, 47, 35 Beginning at S.E.
corner post & running N. 2.30 AM.

O. Beginning $2\frac{1}{2}^{\circ}$ E (415). 1000 10.03 AM.
1700 Hardwood.

2018 Struck section & corner post.

B. M. 488.70.

Aneroid 480. —
-8.

10.50 AM

E 1/4 Sec 2, 47, 35 Beginning at N.E. 1/4
post & running S. 11.03.

B. M. 401.67 Aneroid set 28.9820.

O. Cedar swamp. $2\frac{1}{2}^{\circ}$ E 1000 12.20 PM
1250. Hardwood with a little pine.

2024 Struck section line 35 paces W of 1/4 Sec post.

(420) 12.55 P.M.

90

S.

10

T.

47

R.

35

8-07

084

Mixed Swamp.

m.s.

495

(510)

505

(510)

525

(530)

530

(533)

515

(520)

535

(540)

(515)

505

(530)

530

(545)

525

(535)

545

(540)

555

555

550

(550)

550

(530)

560

(540)

Mixed Swamp

525

555

565

(565)

W 1/8

1/4 Sec

1/4 Line Sect 10, 47, 35 Beginning
at S 1/4 post & running N. 83 AM
B.M. 563.13 Arrived at. 29.09 = 0
O. Cedar Swamp. V 4 1/2 600 Mixed timber
1000 9.25 AM.

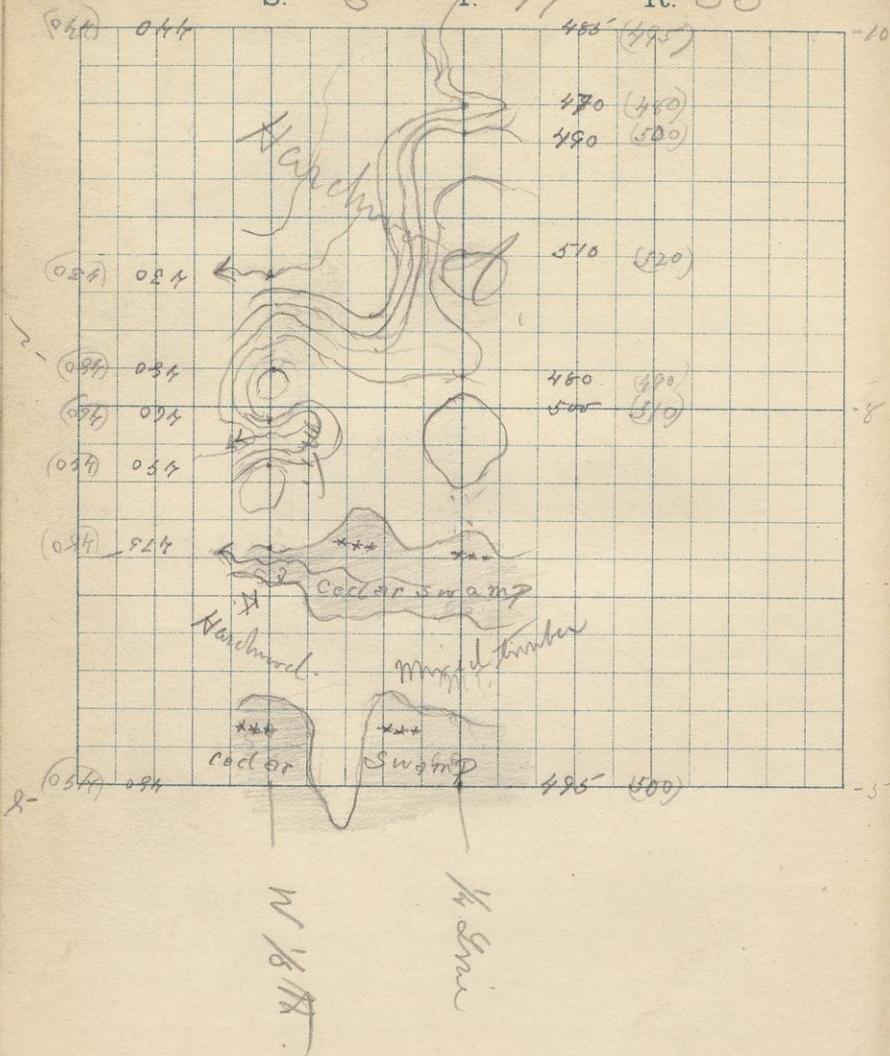
2000 Struck section line 12 paces W.
(500) 10.05 AM.

W 1/4 Sect 10, 47, 35 Beginning at NW
1/4 th. post & running S. 1.30 P.M.

O. Cedar swamps (420) V 4 E
440. Hardwood. 600 2.25 P.M.

2050 Struck section line 12 paces E of 1/4 th. post
B.M. 563.15

Arrived 575. — 3.40 P.M.
-17.



10 $\frac{1}{4}$ Line Sect. 3, 4, 7, 33, beginning at
 $5\frac{1}{4}$ post + running N. 10. 55.

0. Cedar swamps. $\sqrt{2} 4\frac{1}{2} E$
 175 mixed timber 650. Hardwood.

1000 10.45 AM

2018 struck section line 27 paces E of $\frac{1}{4}$ post.

B.M. 485.68.

Anroid 485. —

11.15 AM

-10

8 W $\frac{1}{2}$ A. Sect 3, 4, 7, 33 beginning at N. W
 $\frac{1}{4}$ A. post + running S. 12. M.

B.M. 439.15. Anroid at 28.86 = 0.

0. Hardwood. $\sqrt{2} 4.2$ 500 $\sqrt{2} 4\frac{1}{2} E$

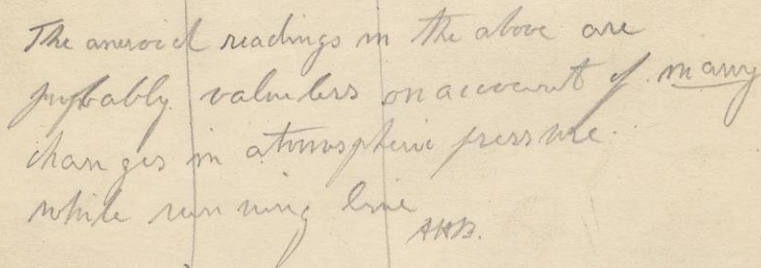
1000 $\sqrt{2} 4\frac{1}{2} E$ 12.40 AM. 1300 Mixed timber

1300 $\sqrt{2} 4.5$

2008 struck section line 53 paces W of $\frac{1}{4}$ A. post

(890)

1.30 P.M.



Edm

Oct. 10/8,

95

E Line Sect. E 47, 35 beginning at
SE corner & running N. 67.20 AM
B.M. 558.64 Amund. Set. 29.02 = 0
o. Mixed timber. 8 1/2° 500 257
200 Hardwood gum & hickory ¹⁰⁰⁰ 7.35 AM
200. Stand section line & corner post. 8.25 AM

(420)

E 1/2 R. Sect. 9, 47, 35, beginning at
NE 1/4 corner & running S. 70.51 AM
o. Mixed swampy. 25° E (420)
300 Hardwood 1000 11.30 AM
1987 Stand section line & 1/2 R. post.
B.M. 539.06
Amund. 460. — 12. M.
+72

0 (652)

420 (370)

+52

Mixed Timber

430 (390)

420 (380)

430 (390)

+40

465 (430)

520 (490)

525 (495)

515 (485)

505 (475)

+26

E line

E line

E Line Sect. 4, 47, 35, beginning at S.E.
corner post & running N. 8.30 AM.

0 Mixed timber $85^{\circ}E$ (470).

350 Hardwood 1000. $74\frac{1}{2}^{\circ}E$ 8.55 AM.

2026 Struck section line 4 paces W of post

B.M. 422.41

Arrived 370. —
+52

9.25 AM.

E $\frac{1}{2}$ M. Sect 4, 47, 35 beginning at NE $\frac{1}{2}$ M.
post & running S. 9.35 AM.

B.M. 399.05 Arrived at 29.08 = 0.

0 Mixed timber $85\frac{1}{2}^{\circ}E$

1000. 10.10 AM 1100 Hardwood $75^{\circ}E$

2027 Struck section line 27 paces W of $\frac{1}{2}$ M.

(420)

10.45 AM

98

(024) 944

S

8

T.

17

R.

33

+15

(024) 904

H

H

(410)

425

(420)

430

(445)

455

+10

(024) 944

944

944

(520)

525

+3

(002) 094

094

094

(540)

540

(002) 094

094

094

(520)

520

(045) 025

025

025

(530)

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094

H

H

H

H

Pine



W 1/2 A

1/2 S

Oct. 12/91

99

1/4 Line section 8, 47, 35 beginning at S
1/4 port & running N. 8.10 AM.

B. M. 531. 85. Arrived at 29.36 = 0.

O. Hardwood hemlock & pine V 4° E

1000. Hardwood pine maple V 4° E 8.40 AM.

1940 struck section line & 1/4 port.

(370) 9.05 AM.

W 1/4 Section 8, 47, 35, beginning at N.E.
1/4 port & running S. 3.00 PM.

O. Hardwood & hemlock V 4° E (470)

1000. 3.35 PM. 7 pm

2112 struck section line & 1/4 port

B. M. 526. 65

Arrived 5.70. — 4.20 P. M.
45

The error of 160 paces is the fault of
the whip by the comparison made
at Sicilian.

100

S.

T.

R.

Wicwascoc Northern R.R. Sidewalk

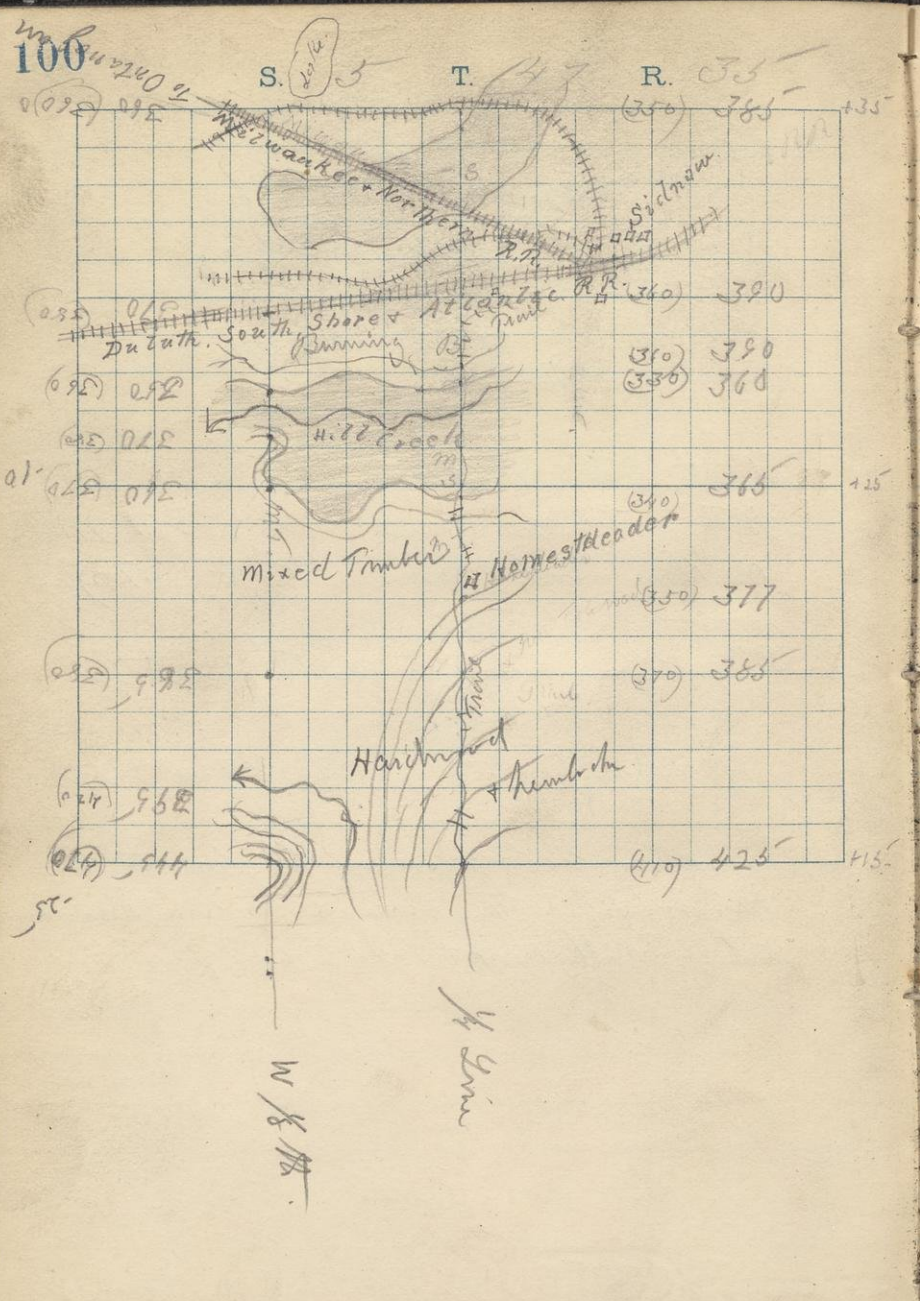
Du Cuth. South Shore + Banning R.R. Hill Cattle

Mixed Timber + Homestead

Hardwood + Hemlock

W 8/8

1/2 line



$\frac{1}{2}$ Line section 5, 47, 35 beginning at
S. $\frac{1}{2}$ pt + running N. 2:00 AM
C. Hardwood + hickory 54°E (410)
1000 Swamps 9:20 AM

1270. Baring

1852. Shuck section line + $\frac{1}{2}$ pt.

B. M. 365.92

Arrived 333.0. — 9:30 AM.
35.

W $\frac{1}{2}$ th. section 5, 47, 35 beginning at
N. W $\frac{1}{2}$ th. pt + running S. 9:30 PM.

B. M. 362.66 Arrived at 29.27 = 0.

O. Barren 24°E 1000 mixed timber 2:15 PM.

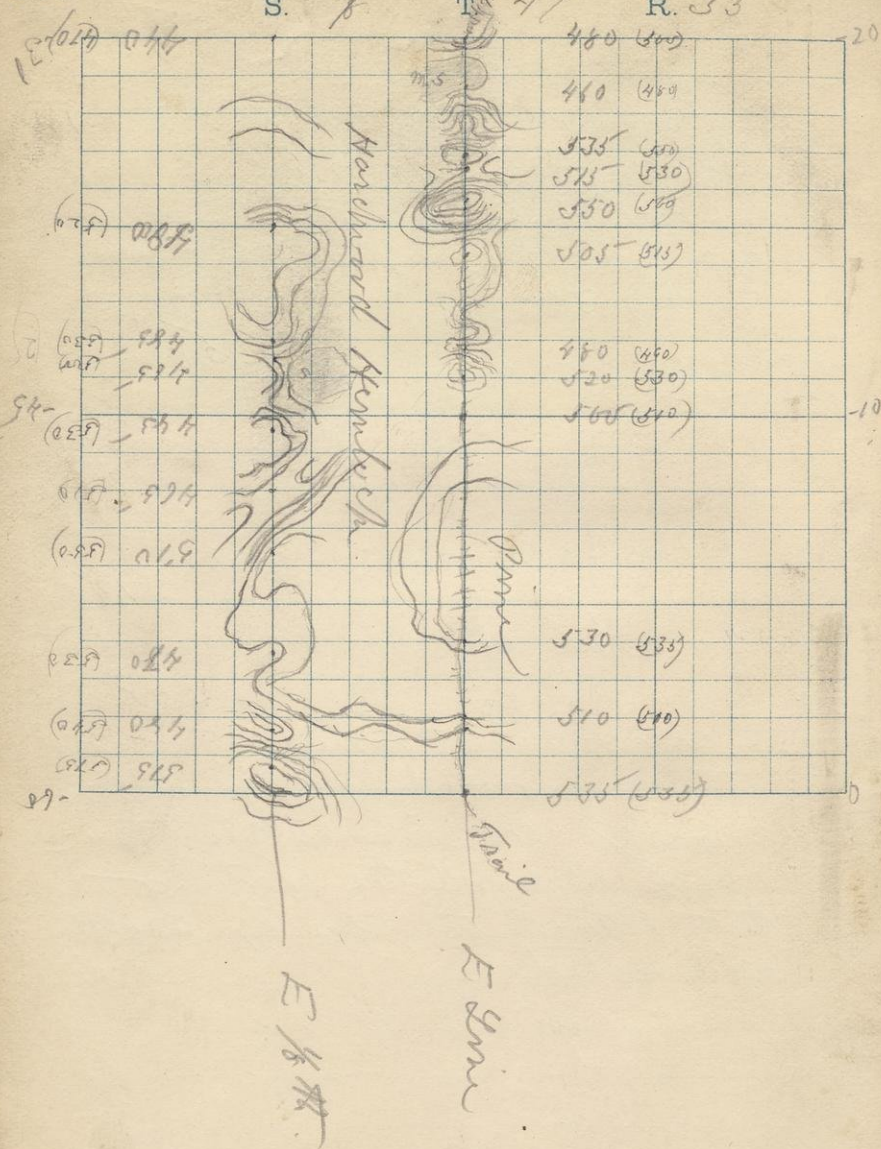
2300 Shuck section line 100 paces W of corner
3.00.

The compassman got some what drunk
at Sidenow + therefore made an
error of 300 paces in distance.
I have changed the plat so
that I think the error is mostly
eliminated.

S. 7

T. 47

R. 33



Oct 13/21

103

5 mi. Sect. 7, 47, 33, beginning at SE
corner post & running N 7.25 AM

B.M. 533.43. Precip. set 29.94 = 0.

0. Hardwood, hemlock & pine 54°E

1000 7.45 AM

2010 Stuck section line & corner post.

8.10 AM

E 1/8th Sect. 7, 47, 33, beginning at
N.E. 1/8th post & running S. 10.40 AM

1. Hardwood & hemlock (470) 54°E

1000 11.10 AM.

2000 Stuck section line 5 paces W of 1/8th post.

B.M. 520.39.

Precip. 5.80.

11.40 AM

- 60

E 1/2 Sec. 6, 47, 35 beginning at S. E
 corner post & running N. 8.15 AM.
 0. Hardwood hemlock & pine 24° E (500)
 1000 (500) Burning 8.50 AM.
 2226 Stinch section line 54 paces W of corner post (?).

B.M. 367.65
 Amund 424. —
 -57

9.20 AM.

B.B. M. corner post area set only B.M.

E 1/2 Sec. 6, 47, 35, beginning at N.E 1/4
 post & running S. 9.30 AM.

B.M. 363.22. Amund set 28.87 = 0.

0 Burning (585) 24° E.

1000 Mixed timber (470) 10.05 AM.

1000 Hardwood & hemlock.

2000 Stinch section line 16 paces E 1/4 post
 (470) 10.35 AM.

Blank Pages

106-119

Skipped

8
34.50
186.00

2118
— 47
Σ 8
04

