# B

# Survey of Joseph Norris in 1827.

| date | course | dist | Remarks | state tim. Rate of sire |
|---|---|---|---|---|
| Monday March 5th 1827 | | | Left Monmouth for the Eastward to make survey of certain townships in the vicinity of Moosehead Lake. I called at Augusta for supplies & put up at Whites at Kilburn, Geo Keegan, distance 48 miles | |
| Tuesday 6th | | | Travel through Kilburn, Canville, Athens Harmony & Ripley & put up at Tylers in Parkman - distance 30 miles | |
| 7th | | | Through Parkman, No. 7 & put up at Whitneys in Monson - 15 miles | |
| 8th | | | Through Monson, No 7 in "Fullers Township", Hashel & encamped on the South shore of the Lake - 18 miles | |
| 9th | | | Passed 2 miles on the Lake & arrived at Mr. Isaac Cowens camp same day | |
| 10th | | | Remained in camp & prepared for Thewoods | |
| & 11th | | | At the camp | |
| 12th | | | Found a point of land lying west of Days Academy Grant & made survey of the same as follows viz. Begun at a small Larch tree in the West line of said Grant & standing on the S. shore of a cove in said Lake, from thence by said line by the needle | |
| N. 9° W. | 60 | R. | to a Norway pine tree & on the N. shore of a cove in sd lake, spotted on four sides and Marked L. G. From thence I run by the magnet needle on the shore of the Lake | |
| S 84½ W | 41 | R. | (having ascertained the variation to be at Cowens camp about 4 miles easterly from this | |

| date | course | dist. | Remarks | water tim. | rate of soil |
|---|---|---|---|---|---|
| | | | to be 11½° W.) thence running | | |
| | S 75½° W | 64 R | | | |
| | N. 15 W | 69½ | Angle to cove 22 R. | | |
| | N. 17 E. | 108 | " " " 22 R | | |
| | N. 16½ W. | 72 | | | |
| | N. 3½ W. | 81 | | | |
| | N. 4 W. | 54 | | | |
| | N. 56 W. | 72 | | | |
| | N. 80 W. | 162½ | " " " 10 R | | |
| | S. 19½ W. | 98 | | | |
| | S. 3 W. | 72 | | | |
| | S. 4 E. | 56 | | | |
| | S. 6 E. | 146 | | | |
| | S. 0 E. | 40 | | | |
| | S. 11 E. | 50 | | | |
| | S. 24 E. | 28 | | | |
| | S. 80 E. | 65 | | | |
| | S 31 E. | 38 | | | |
| | S 65 E. | 37 | | | |
| | S 75½ E. | 56 | | | |
| | S 13¼ E. | 95 | | | |
| | N. 85 E. | 58 | | | |
| | N. 20 E. | 16 | | | |
| | N 46 W. | 32 | | | |
| | N. 24 W. | 42 | | | |
| | N 26 E | 44 | " " " 12 R | | |
| | N. 58 E. | 22 | | | |
| | S 59 E. | 24 | | | |
| | S 7 E. | 29 | | | |
| | S 38 E | 38 | Angle to cove 5 R | | |



| Date | course | dist | Remarks | water | tim | rate |
|---|---|---|---|---|---|---|
| | S 68 E. | 22 | | | | |
| | N 88 E | 16 | | | | |
| | N 36 E. | 42 | | | | |
| | S. 86 E | 20 | | | | |
| | N 27 E | 58 | | | | |
| | N 80 E. | 16 | | | | |
| | N 5 E | 52 | to the place of beginning. This Mountain is known by the name of Mount Kenio or Flint Mountain. The highest part of the bluff is on the Southpart of the tract. Mixed growth, much pine & hemlock shrubs | W | 2 | 2 |
| 13th | | | very rainy day, remained in camp | | | |
| 14th | | | Spent the day in finding the S. line of Dags, Academy ½ Townships & transporting provision to Tomhegan on the W. side of the Lake | | | |
| 15th | | | Started for Mt Katahdin & encamped on the E. shore of the Lake | | | |
| 16th | | | Reached the Penobscot river & descended about 10 M. | | | |
| 17 | | | Descended the same river about 20 M | | | |
| 18 | | | Descended same river about 10 M to Chesuncook Lake and the Lake about 15 M. to the Monument line, a rainy night. | | | |
| 19th | | | Continued down the Lake & river 15 M | | | |
| 20th | | | Continued down the River about 12 miles abreast of Katahdin | | | |
| 21st | | | Continued for the Monument line 8 miles & encamped & having an opportunity to try the variation, took observation & found it to be 13° 10' W | | | |

| Date | course | dist. | Remarks | water | tim. | rate of soil |
|---|---|---|---|---|---|---|
| 22 | | | Stormy day but we reach the yellow birch tree in the Monument line marked - R. 8 E. R. 9 W. - No. 3 S. J C N. ϕ 1825 - on the E. cant of a high mountain | | | |
| 23 | | | Started from the birch & run by the Needle | | | |
| | S. 13° W. | 320 | R. a small birch ϕ 5 M. Steep rough broken land, S.E. cant mostly spruce with some hardwood | | | 4 |
| | | 320 | a small birch ϕ 4 M. Uneven bottom S.E. cant | W. | | 3 |
| | | 320 | a small poplar ϕ 3 M - old burnt land, uneven surface small mixed growth | | | 2 |
| | | 160 | R. & encamped | | | |
| 24 | S. 13° W. | 160 | a poplar ϕ 2 M. - Similar to the last | | | 2 |
| | | 44 | a stream 4 R. running E. | | | |
| | | 276 | a small maple ϕ 1 M. All do. excepting water | W. | | 2 |
| | | 179 | a stream 1 R. running S. E | | | |
| | | 144 | a small pine tree ϕ R 8 E. - R. 9 W. - T. N° 3 N. - T. N° 2 S. J N. 1827. Old burnt land & all do. — | W. | | 2 |
| | N. 77° W. | 260 | a stream 1 R. running S. E. | | | |
| | | 60 | a poplar ϕ 1 M. Surface more uneven, stream similar to the last | W. | | 2 |
| | | 320 | a poplar ϕ 2 M. All do. | W. | | 2 |
| | | 180 | encamped | | | |
| 25 | | 140 | a poplar ϕ 3 M - All do. | W. | | 2 |
| | | 34 | a stream 3/4 R. running S. | | | |
| | | 21 | a stream 3/4 R. running S E. | | | |



| date | course | dist. | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | | 265 | a small maple ϕ 1 M. South cant, old burnt land still continues & very steep & broken | W. | | 4 |
| | | 320 | a birch ϕ 5 M. All do. - | W. | | 4 |
| | | 320 | a birch ϕ 6 M. R 9 E. - R. 10 W. - T. N° 2 S. - T. N° 3 N. J. N. 1827 - Similar to the 2 last | W. | | 4 |
| | N. 77° W. | 35 | R. a stream 1 1/2 R. running S. | | | |
| | | 265 | a spruce ϕ 1 M. All do. excepting the last 40 R. old growth. the first we have passed for 11 miles. Encamped | W. | | 4 |
| 26 | | 153 | a stream 2 R. running S | | | |
| | | 167 | a beech ϕ 2 M. Mostly old burnt land, uneven bottom | W. | | 3 |
| | | 134 | a small pond - same | | | |
| | | 22 | on the S. part of the same | | | |
| | | 164 | a hemlock ϕ 3 M. Surface uneven, mostly soft black growth | W. | 3 | 3 |
| | | 254 | a stream 4 R. running S. E. | | | |
| | | 66 | a hemlock ϕ 1 M. All do. except timber | W. | 1 | 3 |
| | | 30 | a stream 1 R. running N. E. | | | |
| | | 8 | the same stream higher up running S. E. | | | |
| | | 262 | a beech ϕ 5 M. S. cant mixed growth, surface uneven & mostly burnt over | W. | 2 | 3 |
| | | 186 | a brook passing through a small meadow | | | |
| | | 66 | the Penobscot river, 20 R. flowing E. S. E. | | | |
| | | 29 | in the River | | | |
| | | 39 | a spruce ϕ R. 10 E. R. 11 W. - T. N° 2 S. - T. N° 3 N. J. N. 1827 - all do W. cant - encamped | W. | 2 | 2 |
| 27 | | 320 | a birch ϕ 1 M. Growth mixed hardwood but mostly burnt over 2 years since | | | 2 |

| date | course | dist | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | | 167 | a small pond | | | |
| | | 144 | on same | | | |
| | | 9 | a stake ∅ 2 M. very rough, burnt | W | 3 | 4 |
| | | 320 | another stake ∅ 3 M on the S side of a steep moun- | | | |
| | | | tain - all similar | W | 3 | 4 |
| | | 166 | a pond | | | |
| | | 134 | over same passing near the N. end | | | |
| | | 20 | a small pine ∅ 4 M. Burnt & all do. | W | 3 | 4 |
| 28 | | 288 | a pond | | | |
| | | 32 | on the pond 5 M. do. | W | 3 | 4 |
| | | 94 | to the N. point of Pine island | | | |
| | | 6 | on same | | | |
| | | 46 | the E. shore | | | |
| | | 174 | a small pine on the bank of a stream 1 R. | | | |
| | | | running W. through a small bog through | | | |
| | | | which we have passed 6 R. — ∅ 6 M - R. 11 E. | | | |
| | | | R. 12 W - T. N° 2 S. T. N° 3 N. - J.N. 1827 - all | | | |
| | | | burnt over uneven & rocky | W. | 1 | 3 |
| | | | From this corner I run by the needle | | | |
| | N. 12° 30' E. | 320 | a moosewood ∅ 1 M. Growth mixed some | | | |
| | | | hardwood, hemlock, spruce | W | 1 | 3 |
| | | 44 | Rippogenus Lake | | | |
| | | 154 | over same & encampsed | | | |
| 29 | | 122 | a small maple ∅ 2 M - Mostly dark | | | |
| | | | growth, W. cant | W. | 2 | 3 |
| | | | This Lake is 2½ M from E & W & 3/4 M. | | | |
| | | | wide. This line passes ½ mile from the E. end | | | |
| | | 112 | a stream 1 R. running W. | | | |
| | | 208 | a birch ∅ 3 M - Hardwood spruce | | | |



| date | course | dist | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | | | hemlock cedar, even bottom | W | 2 | 3 |
| | | 13 | a small pond | | | |
| | | 47 | a crost seame which is 3/4 M. from S.E. to N.W. | | | |
| | | 260 | a beech ∅ 4 M - Mostly good mixed growth of | | | |
| | | | hardwood on even bottom. | W | 3 | 1 |
| | | 320 | a birch ∅ 5 M all do - moderately canting W. | W | 3 | 1 |
| | | 320 | a beech ∅ 6 M - R. 11 E. - R. 12 W. T N° 3 S. J N | | | |
| | | | 1827 - All do. | W | 3 | 1 |
| | N. 77° 10' W. | 320 | a fir ∅ 1 M - Hardwood & cedar | | 2 | 2 |
| | | 118 | a stream 3 R. running S. | | | |
| | | 116 | & encampsed | | | |
| 30th | | 86 | a cherry tree ∅ 2 M. Spruce & hemlock | W | 1 | 2 |
| | | 320 | a fir ∅ 3 M. Surface even, Growth & soil similar | | | |
| | | | to the last | W | 1 | 2 |
| | | 320 | a pine ∅ 4 M. All do. | W | 1 | 2 |
| | | 320 | a cedar ∅ 5 M. Spruce cedar hemlock & some Good hard | W | 1 | 3 |
| | | 184 | Chesuncook Lake | | | |
| | | 136 | in the Lake - 6 M. R. 12 E. - R. 13 W. N° 3 S. | | | |
| | | | being 106 rods S. of the line which I run the | | | |
| | | | last year for the Monument line: Soil | | | |
| | | | & growth all do. | W. | 1 | 3 |
| | | | I then retraced my line E to the camp which | | | |
| | | | we occupied last night. | | | |
| 31st | | | West to the corner of N° 3 R 11 & 12 & run | | | |
| | | | by the needle | | | |
| | S. 77° E. | 320 | a spruce ∅ 1 M Good mixed growth hardwood | | | |
| | | | N. & E. cant | W | 2 | 1 |
| | | 2 | a lake 2½ M from S. E. to N W | | | |
| | | 258 | a point | | | |

| date | course | dist | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | | 12 | across point | | | |
| | | 18 | an ash ∅ 2 M. Much pine about the Lake. | W | 2 | 4 |
| | | 320 | a larch ∅ 3 M. Mostly cedar growth on an uneven bottom | | 2 | 2 |
| | | 320 | a spruce ∅ 4 M. All do. | W | 2 | 2 |
| | | 114 | & could not ascend the mountain any higher with this line. This distance has been a steep cant N.W. & very ledgy | | 3 | 4 |
| April 1st | | | Retraces our line back to the camp which we left this morning | | | |
| | | | Returned to the corner on the monument line in the Lake & run & measured on the Monument line by the Needle | | | |
| | N. 77° W. | 300 | to a birch tree ∅ M.L. & then returned to the corner last mentioned in the Lake & run by the Needle | | | |
| | S. 12° 30' W. | 320 | in the Cheseuncook Lake 5 M. | W | | |
| | | 8 | the S.W. shore of Lake | | | |
| | | 312 | a spruce ∅ 4 M. Surface even covered with a thick growth of cedar & spruce | W | 3 | 2 |
| | | 320 | a birch ∅ 3 M. All similar - encamped - | W | 3 | 2 |
| N. 2 | | | Tried variation last evening & found it to be 12° 41' W. Run by the Needle | | | |
| | S. 12° 41' W. | 122 | a lake called Caribou Lake | | | |
| | | 198 | in the Lake 2 M. mixed hardwood & large hemlocks | W | 2 | 1 |
| | | 320 | in the Lake - 1 M. | W | | |
| | | 92 | the shore of the Lake which is about 8 miles long from S.E. to N.W. & from 1 to 2 miles wide with a number of Islands in it, | | | |



| date | course | dist. | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | | | & much pine timber about it, called Caribou Lake | | | |
| | | 228 | a beech ∅ R. 12 E. - R. 13 W. - T. N° 2 S. - T. N° 3 N. J.N. 1827 Fine growth of sugar maple, beech birch & basswood, & cant | W | | 1 |
| | | 320 | a spruce ∅ 5 M. All do, only more cedar | W | | 1 |
| | | 320 | a birch ∅ 4 M. Rough broken ledgy land with a thick dark growth | | | 4 |
| | | | A small pond 3/4 of a M. N.W. & about | | | |
| | | 40 | R west of the line on the East M. | | | |
| | | 44 | a stream 2 R. running E. | | | |
| | | 276 | a spruce ∅ 3 M. Mixed growth | W | | 2 |
| | | 20 | encamped | | | |
| June 3 | S. 12° 30' W. | 300 | a spruce ∅ 2 M. Surface uneven, thick mixed growth | | 3 | 2 |
| | | 67 | a stream 4 R. running N.E. Here is the finest chance for mills & other machinery that I have ever seen E. or W. - fall 20 feet & a solid ledge on the bottom & each side | | | |
| | | 258 | a cedar ∅ 1 M. Mixed growth | W | | 1 2 |
| | | 320 | a beech ∅ R. 12 E. - R. 13 W. - T. N° 1 S. - T. N° 2 N. J.N. 1827. Fine growth of sugar maple with other hardwood | | | 3 1 |
| | | 320 | a spruce ∅ 5 M. Mostly cedar growth | | | 3 3 |
| | S. 12° 30' W. | 320 | a beech ∅ 4 M. - All do. | | | 3 3 |
| | | 180 | & encamped | | | |
| W. 4th | | 46 | a pond | | | |
| | | 30 | on same | | | |

| date | course | dist. | Remarks | | | | vate |
|---|---|---|---|---|---|---|---|
| | | 64 | a birch ⌀ 3 M. Mixed growth on uneven surface | | 3 | 2 | |
| | | 320 | a ceder ⌀ 2 M. Mixed growth | W | 1 | 2 | |
| | | 84 | a streem 2 R. running S.E. | | | | |
| | | 236 | a spruce ⌀ 1 M. All do | W | 1 | 2 | |
| | S 12.25 W | 320 | a spruce ⌀ R. 12 E. - R. 13 W - T. No 1. N. - T. | | | | |
| | | | letter A. S. J. N. 1827 - Dark mixed growth | W | 1 | 3 | |
| | N. 77 1/2 W | 320 | a sugar maple ⌀ 1 M - Similer to the last | W | 1 | 3 | |
| | | 180 | encamped, rainy afternoon | | | | |
| J. 5th | | 134 | a spruce ⌀ 2 M. All do. | W | 1 | 3 | |
| | | 320 | a birch ⌀ 3 M All do | W | 1 | 3 | |
| | | 320 | a birch ⌀ 4 M. Mostly mixed hard wood | | 3 | 1 | |
| | | 320 | a birch ⌀ 5 M. Similer to the last | | 3 | 1 | |
| | | 244 | a rapid streem 4 R. running N. called Roach River | | | | |
| | | 76 | a birch ⌀ 6 M. Good mixed growth S & W course encamped | | 3 | 1 | |
| F. 6th | N. 77 45 W. | 320 | a fir ⌀ 1 M. Much spruce, Moose ground | W | 3 | 2 | |
| | | 320 | a spruce ⌀ 2 M All do. | | 3 | 2 | |
| | | 320 | a spruce ⌀ 3 M. Mixed hardwood | W | | 1 | |
| | | 100 | encamped | | | | |
| Sr. 7th | | 220 | a Moosewood ⌀ 4 M. Similer | W | 3 | 1 | |
| | | 320 | a spruce ⌀ 5 M. All similer | W | 3 | 1 | |
| | | 228 | an ash on the E shore of Moosehead Lake in Spencer bay ⌀ 5 M 228 R - A. S. - T. No 1 N. J. N. 1827. All do. - - - | W | 3 | 1 | |
| | | | Returned to Cowens camp finding that the ice in the lake was wasting fast concluded to survey as much of the lake shore as we could next & begun on the N. bank | | | | |
| Sun. 8 | | | | | | | |



| date | course | dist. | Remarks | | | | vate |
|---|---|---|---|---|---|---|---|
| | | | of Moose River at the mouth at a pine tree ⌀ Thence by the Needle on the shore of the Lake | | | | |
| | N. 34 W. | 26 R | | | | | |
| | N 73 1/2 W | 94 | | | | | |
| | N. 43 W. | 42 | | | | | |
| | N. 3 1/2 W | 32 | | | | | |
| | N 43 W | 78 | | | | | |
| | N. 70 W | 34 | | | | | |
| | N. 32 W. | 84 | | | | | |
| | N. 16. E. | 75 | | | | | |
| | N. 7 E | 22 | | | | | |
| | N. 13 W | 34 | | | | | |
| | N. 23 1/2 E | 22 | | | | | |
| | N. 12 1/2 W | 16 | | | | | |
| | N. 31 W. | 21 | | | | | |
| | N. 47 1/2 W | 36 | | | | | |
| | N. 12 1/2 W | 26 | The mouth of a large brook | | | | |
| | Same | 77 | | | | | |
| | N. 18 1/2 E | 85 | | | | | |
| | N. 45 W | 40 | | | | | |
| | N 39 1/2 W | 28 | | | | | |
| | N. 8 W. | 18 | | | | | |
| | N 48 W | 51 | | | | | |
| | N. 22 1/2 W | 28 | | | | | |
| | N. 69 1/2 W | 82 | | | | | |
| | N. 23 W | 66 | | | | | |
| | N 4 W | 28 | | | | | |
| | N 34 E | 20 | to a streem 4 R. from the W | | | 2 | 2 |
| | N 69 E. | 46 | | | | | |

| date | course | dist. | Remarks | water tim. | rate |
|---|---|---|---|---|---|
| | N. 60 E. | 32 | | | |
| | S. 60 E | 40 | | | |
| | N. 6 W | 24 | | | |
| | N 59 E | 22 | | | |
| | S. 66 E. | 27 | & encamped | | |
| Monday 9 | N. 77 E | 23 | | | |
| | N 66 E. | 20 | | | |
| | East | 40 | | | |
| | N. 37 E | 36 | | | |
| | North | 33 | | | |
| | N 75 W | 36 | | | |
| | N. 25 W | 58 | | | |
| | N. 42½ W | 37 | | | |
| | N 25 W | 44 | | | |
| | N. 79 W | 145 | | | |
| | N. 19 W | 34 | | | |
| | N 33 E | 36 | | | |
| | N. 11 W | 24 | | | |
| | N. 39 W | 18 | | | |
| | N. 15 E | 12 | | | |
| | East | 26 | | | |
| | N 33½ E | 14 | | | |
| | N. 34 W | 12 | | | |
| | N 75 W | 54 | | | |
| | S 10 E | 28 | | | |
| | N. 63 W | 97 | | | |
| | N. 10 W | 26 | | | |
| | N. 27 E | 22 | Tom began river GR from this Co. | 1 | 2 |
| | N. 10 W | 22 | | | |



| date | course | dist | Remarks | water tim. | rate |
|---|---|---|---|---|---|
| | N. 14 E. | 32 | | | |
| | N. 57 E | 48 | | | |
| | S 77 E | 30 | | | |
| | N. 74 E | 21 | | | |
| | S. 30 E | 15 | | | |
| | N. 84 E | 48 | | | |
| | N. 75 E | 112 | | | |
| | S 87 E. | 31 | | | |
| | S 49 E | 16 | | | |
| | S 18 E | 24 | | | |
| | S 60 E | 24 | | | |
| | S. 3 W | 18 | | | |
| | S 58 E | 36½ | | | |
| | S 80 E | 30 | | | |
| | N. 70 E | 60 | | | |
| | N 18 E | 30 | | | |
| | N 63 E. | 36 | | | |
| | N. 70 W. | 62 | | | |
| | N. 26 W. | 33 | | | |
| | N 8½ E | 23 | | | |
| | N. 56 E | 50 | | | |
| | N. 5 E | 37 | | | |
| | N 71 W | 32 | | | |
| | N. 15 W | 24 | | | |
| | N. 10 W | 17 | | | |
| | N. 16 E. | 16 | | | |
| | N 60 E | 20 | | | |
| | North | 52 | | | |
| | N. 23 E | 24 | | | |

| date | course | dist. | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | N. 50 E. | 36 | | | | |
| | N. 8 W | 19 | | | | |
| | N 55 E | 70 | | | | |
| | S 73 E. | 22 | | | | |
| | S 35 E | 36 | | | | |
| | N. 40 E | 22 | | | | |
| | S 68 E. | 28 | | | | |
| | N. 41 E. | 28 | | | | |
| | N. 84 E. | 46 | to Sockalexan River & R. flowing from N. | | 2 | 2 |
| | S. 54 E | 24 | | | | |
| | S 13 W | 21 | | | | |
| | S 57 E | 19 | | | | |
| | S 18 W | 18 | | | | |
| | S 45 E | 34 | | | | |
| | S 23 W | 12 | | | | |
| | S. 50 E | 40 | | | | |
| | S. 21 E | 30 | | | | |
| | S 60 E. | 40 | | | | |
| | S 43 W | 28 | | | | |
| | S 41 E | 10 | | | | |
| | S 72 E | 69 | to a pine tree & the E peak of Mt Kenio bears by the Needle | | | |
| | S. 9 1/4 E | | | | | |
| Tues. 10th | | | Stormy & the ice so rotten as to make it dangerous & we returned to Cowins camp | | | |
| Wed. 11th | | | Started for home | | | |



| date | course | dist | Remarks | water | tim | rate |
|---|---|---|---|---|---|---|
| | | | Thursday 26th July 1827 | | | |
| | | | Legeun started for the woods & arrived at Cowins camp at Moosehead Lake on the | | | |
| | | | 30th 9 in number viz | | | |
| | | | Hiram Rockwood - Surveyor | | | |
| | | | Jesse L Fairbanks & | | | |
| | | | Sam. Stone for his chainmen & | | | |
| | | | Tobias Arno his axmen for | | | |
| | | | the woods crew | | | |
| | | | Benja Allen & | | | |
| | | | E. S. Norris for my chainmen | | | |
| | | | Stephen Cram & | | | |
| | | | Isaac Clark for my boatmen | | | |
| | | | & axmen — — | | | |
| | | | And as Mr. Rockwood was to survey | | | |
| | | | the W. side of the Lake, the first, I | | | |
| | | | parted with him & his crew at the N. | | | |
| | | | cove of the Lake in the S. line of the Plym- | | | |
| | | | - outh Co.s Township on Tuesday | | | |
| 31st | | | & as the wind was favorable I concluded | | | |
| | | | to survey the Islands first & heavy | | | |
| | | | ascertained that there was but 2 Islands | | | |
| | | | of consequence in this part of the Lake viz | | | |
| | | | 1 about 2 M S. of the N. end of the N. cove | | | |
| | | | containing about 10 A. broken black land | | | |
| | | | the other about 2 M E. of this in sandy bay | | | |
| | | | about the same size, good hardwood land | | | 1 |

| ~~Date~~ | course | dist | Remarks | water | time | rate |
|---|---|---|---|---|---|---|
| | | | Wednesday August 1st | | | |
| | | | We begun at a White Buck tree ~~O~~ X 1827 on the E side of the large Island N.W. of Mt Kenio. From thence I run by the needle | | | |
| | S42E | 45 | R | | | |
| | S17E | 100 | | | | |
| | S13E | 18 | | | | |
| | S30W | 8 | | | | |
| | S36W | 35 | | | | |
| | S.15E | 16 | | | | |
| | S36E | 30 | | | | |
| | South | 8 | | | | |
| | S25W | 12 | | | | |
| | S.36W | 40 | | | | |
| | S48W | 24 | | | | |
| | S11W | 9 | | | | |
| | S28W | 10 | | | | |
| | S29W | 32 | | | | |
| | S44W | 10 | | | | |
| | S.60W | 30 | | | | |
| | S25W | 47 | | | | |
| | S73W | 6 | | | | |
| | S82W | 13 | | | | |
| | S28W | 14 | | | | |
| | S.30W | 8 | | | | |
| In 2d | S45W | 17 | Encampted | | | |
| | | | the S. point of the Island & the N. point of Mt. Kenio trued bears S. 76 E - 141 R. | | | |
| | | | Process Dep. N. 11° E = 17 distance - S. 69 E - | | | |
| | | | Latitude = 137 rods | | | |



| ~~Date~~ | course | dist | Remarks | water | time | rate |
|---|---|---|---|---|---|---|
| | N.75W | 25 | | | | |
| | S84W | 28 | | | | |
| | N.50W | 6 | | | | |
| | N.9W | 16 | | | | |
| | N45W | 24 | rained till 1° Clock. | | | |
| | N.17W | 80 | | | | |
| | N.69W | 28 | | | | |
| | N.3W | 14 | | | | |
| | N.20W | 50 | | | | |
| | N.37W | 12 | | | | |
| | N18W | 9 | | | | |
| | N12E | 38 | | | | |
| | N14E | 73 | | | | |
| | N20E | 98 | | | | |
| | N8E. | 89 | | | | |
| | North | 80 | | | | |
| | N.6E. | 28 | | | | |
| | N.11E | 75 | | | | |
| | N75E | 8 | | | | |
| | S55E | 11 | | | | |
| | N55E | 37 | | | | |
| | N.72E | 6 | to the N. point. Here are 2 other small Islands in sight. The first is about 1/2 mile containing about an acre. The other is about the same distance - 2 acres | | | |
| | N.64W | | | | | |
| | N31W | | | | | |
| | S.40E | 85 | | | | |
| | S.3E | 36 | | | | |
| | S.33E | 32 | | | | |

| date | course | dist | Remarks | waters | tim. | rate |
|---|---|---|---|---|---|---|
| | §29 E | 48 | to the first bound & is ------- | W | 2 | 1 |
| | | | Mostly mixed hardwood & clay, handsome for cultivation. This we call Farm Island Encampsed | | | |
| Fri 3d | | | Started for Sandbar Island, touched at the mouth of Moose River to leave provisions for Rockwood. Began at a birch tree on the W. point of the Island & J.N. 1827. The sandbar from this to the main at this season of the year is out of water & W. 25 R. to the main land - Thence on the Island | | | |
| | N. 5 E | 36 | | | | |
| | N 25 W | 82 | | | | |
| | N 25 E | 6 | | | | |
| | N 32 E | 18 | | | | |
| | N. 47 E | 15 | | | | |
| | N. 72 E | 14 | | | | |
| | S. 12 E | 18 | | | | |
| | S. 7 W | 29 | | | | |
| | S. 43 E. | 26 | | | | |
| | S. 25 E | 28 | | | | |
| | S. 2 E. | 88 | | | | |
| | S. 24 W | 9 | | | | |
| | N. 60 W | 9 | | | | |
| | N. 40 W | 14 | | | | |
| | N. 15 W | 40 | | | | |
| | N. 87 W | 28 | to the first bound | W. | 2 | 2 |



| date | course | dist. | Remarks | waters | tim | rate |
|---|---|---|---|---|---|---|
| | | | Some injured by fire. This is called Sandbar Island. From this point there is an island of 1/2 an acre 1/2 M. distance - S.S. W course & 1 of about 8 acres 100 rods S. - 120 R in length & about 10 R wide & about 35 feet in height thick covered with Norway pine timber. This we call Hogback Island | W | 1 | 2 |
| | | | And not yet having found the N. nor E line of the Bingham Purchase. I went to a large Island lying about 3 M. S. hoping understood the E line crossed that Island We spent the remainder of this day in search for it but could not find it. We then went to the next Island S. & encamped | | | |
| Sat. 4 | | | Could not find the line on this Island & went to the S. End of the Lake & encamped | | | |
| Same 5th | | | Began at a cedar tree on the E bank of the Lake in the N. line of the Grant to Saco Acad'y. Thence by sd. line W. by the needle about 120 R to a point leaving the S. shore of the Lake about 1 M S. Thence same 50 R to west the point & cove to another cove same 13 rods to a small pond same 40 R into the pond to the E. line of "Binghams Purchase" Thence by sd line by the needle | | | |
| | N. 40 E | 5 | to the shore of a pond | | | |
| | same | 155 | to a hemlock tree on the shore of the Lake on M 1792 R. to which I added, S 4 on E side E.N. & 1827 | | | |

| date | course | dist | Remarks | water | time | rate |
|---|---|---|---|---|---|---|
| | | | The first point crossed contains about 10 acres | W | 1 | 2 |
| | | | The last point contains about 50 acres mixed hardwood | W. | 1 | 1 |
| Same | 65 | | across a cove. To find Latitude - | | | |
| | | | As 3°30' : 4R :: 86°30' = 65 Lat. | | | |
| Same | 72 | | to the mouth of a brook on the bank of the | | | |
| | | | Lake. This point contains about 12 A.s. | SE | 2 | 2 |
| Same | 4 | | over brook & cove | | | |
| Same | 346 | | a pine tree on the bank of the Lake I N Q | | | |
| | | | 1827. S. Is. on E. side. Thence by the shore | | | |
| S | 86 E | 50 | | | | |
| S | 48 E | 60 | | | | |
| N. | 60 E | 28 | | | | |
| N | 28 W | 17 | | | | |
| N. | 10 E | 20 | | | | |
| N. | 32 E | 13 | | | | |
| N. | 65 E | 12 | | | | |
| N. | 15 E | 40 | | | | |
| N | 55 E | 21 | | | | |
| East | | 21 | | | | |
| S. | 67 E | 6 | | | | |
| S. | 19 E | 11 | | | | |
| S. | 49 E | 16 | | | | |
| S | 68 E | 16 | to the narrows. At this place the channel between the main land & Moose Island is but 1 R. in width. Thence | | | |
| South | | 18 | | | | |
| S | 48 W | 11 | | | | |
| S. | 12 W | 44 | | | | |
| S | 49 W | 14 | | | | |



| date | course | dist | Remarks | water | time | rate |
|---|---|---|---|---|---|---|
| | South | 16 | | | | |
| | S | 74 E | 100 & encountered | | | |
| Monday 6th | S. | 37 E | 28 | | | |
| | S | 75 E | 17 | | | |
| | S. | 60 E | 10 | | | |
| | S | 36 E | 12 | | | |
| | S. | 7 E. | 8 | | | |
| | S. | 12 W | 60 to a point when a No. of small Islands | | | |
| | | | are to be seen as follows - first | | | |
| | S | 33 W | 2½ Acres ½ M. distant - 2° | | | |
| | S | 28 W | 2 Acres 200 R. distant - 3° | | | |
| | S | 2 E. | 3 Acres 300 R. distant - 4th | | | |
| | S | 7 E. | 3 Acres 1¼ M distant - 5th | | | |
| | S | 9 E | 1 Acre - 1½ M. distant - 6th | | | |
| | S. | 19 E | 3 Acres 140 R distant, 7th | | | |
| | S | 31 E | ½ Acre ½ M distant, 8th | | | |
| | S | 44 E | 1 Acre ½ M Co., 9th | | | |
| | S | 57 E | 5 Acres 175 R. Co., 10th | | | |
| | S | 69 E | ½ Co. 140 R Co. 11 | | | |
| | N | 70 E | 1¼ Co 1¼ M Co. 12th | | | |
| | N | 66 E | ½ Co 2 M Co. | | | |
| | | | Several other smaller Islands are in view not worth noticing. The above are broken ledgy land, but thick covered with spruce & pine timber. | | | 1 3 |
| | S | 74 W | 19 | | | |
| | N. | 88 W | 40 | | | |
| | N. | 74 W | 18 | | | |

| date | course | dist | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | S 25 W | 59 | | | | |
| | S 67 W | 10 | | | | |
| | N. 69 W | 54 | | | | |
| | N. 60 W | 17 | | | | |
| | N. 29 W | 36 | | | | |
| | N. 77 W | 10 | | | | |
| | N. 15 E | 40 | | | | |
| | S. 76 W | 48 | | | | |
| | S 30 W | 24 | | | | |
| | S. 20 E | 14 | | | | |
| | S 32 W | 6 | | | | |
| | S 66 W | 7 | | | | |
| | S 26 W | 256 | to mouth of the brook & place of beginning & then surveyed Moose Island. Begun at the Narrows, thence by shore | W | 2 | 2 |
| | N. 21 E | 34 | | | | |
| | N. 58 W | 12 | | | | |
| | N. 17 E | 20 | | | | |
| | N. 73 W | 19 | | | | |
| | N. 28 W | 94 | | | | |
| | N 38 W | 250 | to a birch tree on the Bingham line marked S. L. on the E. side I N ✠ 1827 The distance to the main land in the Bingham line is 456 rods. Depart 24 R. a right angle, Variation 3°. Thence by said line | | | |
| | N 40' E | 165 | R to a maple on the N. shore of the Island marked S. L. on E side I N ✠ 1827. Thence by shore | | | |



| date | course | dist | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | N. 76 E | 18 | | | | |
| | N. 10 E. | 26 | | | | |
| | N. 71 E. | 10 | | | | |
| | S. 84 E | 64 | | | | |
| | S. 75 E | 11 | | | | |
| | S. 62 E | 7 | | | | |
| | S 53 E | 8 | | | | |
| | S 63 E | 124 | | | | |
| | S 11 E. | 16 | | | | |
| | S. 10 W | 42 | | | | |
| | S 20 E | 110 | | | | |
| | S 45 W | 29 | | | | |
| | S 3 W | 83 | | | | |
| | S 38 W | 94 | | | | |
| | S. 8 E | 40 | | | | |
| | S 40 E | 42 | | | | |
| | S 85 W | 20 | | | | |
| | S 20 W | 29 | | | | |
| | N. 61 E | 14 | to the first bound. Rough shores but good mixed growth of hardwood with some spruce, cedar & hemlock | W | 2 | 1 |
| | | | Encamped | | | |
| Tues 7th | | | Begun at the maple on the N. shore of Moose Island on the Bingham line. Thence to find the Latt | | | |
| | N. 40' E | | Dep. 8.10 R Variation 1° Latitude 5 75 R a pine tree on the S. shore of Deer Isle on the Bingham line, thence by sd line | | | |
| | N. 40' E | 216 | R to a cedar on the bank of the Lake. Thence by offset & onset | | | |

| date | course | dist | Remarks | water | time | rate |
|---|---|---|---|---|---|---|
| | same | 420 | to a cedar on the S. side of the point | | | |
| | Same | 472 | R. a fir ○ 1792 on the N. bank of the Island marked S.L. on the S side. I.N.○ 1827. The S Epoint of this Isle of Bingham line contains about 50 Acres | | 3 | 1 |
| | | | The N° Epoint 2 of Binghamsline contains about 250 Acres. Mixed growth, hardwood, some pine cut & halled off some 2 or 3 ayears since. Thus has finished the Survey of all the Islands of value in the Lake belonging to the States. Encampted. | | 1 | 1 |
| W 8th | | | Here we are windbound until Wednesday | | | |
| Thurs 9 | | | Begun the Survey of the W. shore of the Lake from Sandbar to Moose River | | | |
| | | | Beginning at a pine tree on sandbar point | | | |
| | | | dated April 1814 ○ I.N.○ 1827. | | | |
| | | | Thence by the Shore | | | |
| | N.36W | 230 | | | | |
| | N.45W | 82 | | | | |
| | N.54W | 222 | | | | |
| | N.35W | 6 | | | | |
| | N.67W | 5 | | | | |
| | N.53E | 100 | | | | |
| | N.62W | 10 | | | | |
| | N.78W | 13 | | | | |
| | N78E | 52 | | | | |
| | N.60W | 86 | | | | |
| | N.30W | 48 | a small pond & meadow on branch of Kennebec River | | | |



| date | course | dist | Remarks | water | time | rate |
|---|---|---|---|---|---|---|
| | N.47W | 10 | | | | |
| | N.45W | 22 | | | | |
| | N.50W | 18 | | | | |
| | N.49W | 67 | | | | |
| | N.52E | 12 | | | | |
| | N.30E | 178 | | | | |
| | N.10W | 16 | | | | |
| | N.27W | 78 | | | | |
| | N.17W | 115 | | | | |
| | N.55W | 57 | | | | |
| | N.70W | 39 | | | | |
| | N.79W | 119 | | | | |
| | N.80W | 36 | | | | |
| | N.28W | 76 | to S. channel of Moose River | | | |
| | N.48W | 45 | to the Island | | | |
| | Same | 14 | to N. channel | | | |
| | Same | 18 | to the pine tree ○ at which I began to Survey the W. shore of the Lake last spring W | | 2 | 2 |
| | | | and returned to Cowins camp | | | |
| Friday 10th | | | Begun at a cedar on the E shore of the Lake the S.W. C. of Days Head. Thence | | | |
| | S.14E | 170 | | | | |
| | South | 30 | | | | |
| | S65E | 72 | | | | |
| | N.45E | 67 | | | | |
| | N.85E | 92 | | | | |
| | N.65E | 75 | | | | |
| | S.70E | 21 | | | | |

| date | course | dist | Remarks | water | time | rate |
|---|---|---|---|---|---|---|
| | S 28 E | 15 | | | | |
| | S 55 E | 34 | | | | |
| | S 84 E | 10 | | | | |
| | N 77 E | 12 | | | | |
| | N 53 E | 7 | | | | |
| | N 24 E | 30 | | | | |
| | N 70 E | 70 | | | | |
| | N 48 E | 114 | | | | |
| | N 07 E | 114 | | | | |
| | S 70 E | 32 | | | | |
| | S 53 E | 40 | | | | |
| | S 27 E | 151 | | | | |
| | S 52 E | 140 | | | | |
| | S 70 E | 29 | | | | |
| | S 41 E | 34 | | | | |
| | S 22 E | 112 | | | | |
| | S 60 E | 16 | | | | |
| | S 73 E | 27 | | | | |
| | S 44 E | 34 | passing a small Isle 15 R from W. shore | | | |
| | N 20 E | 12 | | | | |
| | N 10 W | 13 | | | | |
| | N 27 W | 55 | | | | |
| | N 15 E | 335 | | | | |
| | N 03 E | 26 | | | | |
| | N 57 E | 37 | | | | |
| | N 50 E | 10 | | | | |
| | N 55 E | 380 | | | | |
| | N 15 E | 17 | | | | |
| | North | 25 | | | | |



| date | course | dist | Remarks | water | time | rate |
|---|---|---|---|---|---|---|
| | N 36 W | 18 | | | | |
| | N 78 | 42 | | | | |
| | N 20 W | 4 | | | | |
| | N 52 E | 229 | | | | |
| | S 85 E | 37 | | | | |
| | N 61 E | 119 | | | | |
| | N 40 E | 86 | to a stream 1/2 rod wide running from a small meadow | | | |
| | S 30 E | 42 | | | | |
| | N 70 E | 6 | | | | |
| | N 13 E | 45 | | | | |
| | N 65 E | 45 | R. to another stream 1/2 r wide running from a small meadow | | | |
| | N 60 E | 33 | | | | |
| | S 30 E | 90 | Encamped | | | |
| Sept 11th | | | Rainy morning | | | |
| | S 5 W | 8 | | | | |
| | S 7 W | 45 | | | | |
| | S 15 E | 232 | R. to the mouth of Roach River - 6 R. This is a handsome river. We went up same about 100 R. It is lined with pine timber on either side & some intervale - same | | | |
| | | 6 | R. over the River | | | |
| | South | 108 | | | | |
| | S. 5 W | 62 | | | | |
| | S. 10 E | 53 | | | | |
| | S 60 W | 20 | | | | |
| | S. 16 W | 20 | | | | |
| | S. S.E. | 85 | | | | |
| | S 26 E | 84 | | | | |

| Date | course | dist | Remarks | watch | time | rate |
|---|---|---|---|---|---|---|
| | S. 35 E. | 50 | | | | |
| | S. 10 W. | 40 | | | | |
| | N. 85 W. | 76 | R. to bear brook ½ R. Here I killed 2 bears & wounded another — thence | | | |
| | S. 85 W. | 65 | | | | |
| | S. 75 W. | 266 | | | | |
| | West | 28 | | | | |
| | S. 12 W. | 18 | | | | |
| | S. 18 W. | 105 | R. to an ash tree & IN 1827 — the Cs. of No. 1 & A which I marked last April. From Days Head 4½ Townships to this place there is pine timber to be seen in abundance in almost every direction and the land for the most part is favorable for settlement | | | |
| | S. 18 W. | 48 | | | | |
| | S. 46 W. | 57 | | | | |
| | S. 40 W. | 37 | | | | |
| | S. 12 E. | 10 | | | | |
| | S. 70 W. | 390 | | | | |
| | N. 66 W. | 36 | | | | |
| | N. 52 W. | 96 | | | | |
| | N. 80 W. | 6 | R to a rocky point. The small Island mentioned as being 15 R. from the W. Shore bears N. 22 W. 72 R. | | | |
| | S. 2 W. | 180 | | | | |
| | S. 78 W. | 192 | | | | |
| | S. 8 E. | 148 | & encamped | | | |
| June 12 | S. 34 E. | 288 | | | | |
| | S. 5 E. | 64 | | | | |



| Date | course | dist | Remarks | watch | time | rate |
|---|---|---|---|---|---|---|
| | S. 35 W. | 48 | | | | |
| | S. 33 E. | 96 | | | | |
| | N. 54 E. | 60 | | | | |
| | N. 37 E. | 40 | | | | |
| | E. 70 E. | 78 | | | | |
| | S. 40 E. | 160 | | | | |
| | S. 48 E. | 680 | | | | |
| | S. 22 E. | 112 | | | | |
| | East | 38 | | | | |
| | N. 70 E. | 153 | | | | |
| | S. 80 E. | 112 | | | | |
| | S. 43 E. | 96 | | | | |
| | S. 23° 30' W. | 72 | | | | |
| | S. 52 W. | 80 | | | | |
| | South | 30 | | | | |
| | S. 42 W. | 52 | | | | |
| | N. 85 W. | 40 | | | | |
| | S. 20 W. | 240 | The last 3 M. have passed by 2 Loggers camps & probably 500 trees were cut & rolled in by hand, a year ago last Spring — I do not know by whom. | | | |
| | S. 41 W. | 164 | | | | |
| | S. 2 W. | 76 | to the cedar, the corners of A & A 2. | | | |
| | Same | 20 | | | | |
| Mon 13 | N. 28 W. | 58 | In this part of the cove near the shore is a | | | |
| | S. 80 W. | 15 | cluster of 20 or 30 small Islands mostly | | | |
| | N. 48 W. | 160 | ledge — some ¼ of an acre, some ½ — not more | | | |
| | N. 76 W. | 108 | than 1 or 2 amount to that. This is called | | | |
| | S. 70 W. | 64 | Lily cove | | | |

| date | course | dist | Remarks | winds | tim | rate |
|---|---|---|---|---|---|---|
| | | | encamped. Windbound for most of the day | | | |
| Tues. 14 | N. 77 30 W | 158 | | | | |
| | S. 58 W | 38 R | | | | |
| | S. 10 W | 12 | | | | |
| | S. 81 W | 120 | | | | |
| | N. 21 W | 20 | | | | |
| | N. 12 E. | 70 | | | | |
| | N. 85 W | 99 | In coming this distance to day we have passed about 20 small islands near the S. shore. These together with the rest in Lily cove will amount to about 60 acres, mostly black & broken but covered with Cod pine & spruce, and here we have found that the land on our right which we have been passing for main land, is a large Island & as the wind from N. W. is unfavorable for proceeding any farther on the shore proceeded from this point - a Norwery pine then N. 25° W 91 R. - Departure 2 R at right angles - the variation 1°15' = 91 R to the point of the island. To find distance by Nat. Sines As. 02181 : 2 :: 29952 - 91 R ans. Thence on the island | | | |
| | N. 60 E | 14 | | | | |
| | N. 45 E | 24 | | | | |
| | N. 13 E | 99 | | | | |
| | N. 14 E | 182 | | | | |
| | N. 60 E | 230 | | | | |
| | N. 15 E | 10 | | | | |
| | N. 1 E | 71 | | | | |



| date | course | dist | Remarks | winds | tim | rate |
|---|---|---|---|---|---|---|
| | N. 32 W | 14 | | | | |
| | N. 34 W | 9 | | | | |
| | N. 26 W | 50 | | | | |
| | N. 18 W | 64 | | | | |
| | N. 38 W | 38 | | | | |
| | N. 37 W | 76 | and we are headed by the N. W. wind so that we have to lay by & encamped Mr Cram & myself went over this part of the island and found it to be first rate Land, growth mostly mixed hardwood sugar maple, beech birch with some Spruce & hemlock | W | 2 | 1 |
| Wedn 15th | N. 35 W | 11 | | | | |
| | N. 43 W | 8 | | | | |
| | N. 62 W | 38 | | | | |
| | N. 54 W | 85 | | | | |
| | N. 60 W | 46 | | | | |
| | N. 73 W | 16 | | | | |
| | S. 70 W | 18 | | | | |
| | S. 77 W | 28 | | | | |
| | S. 62 W | 37 | | | | |
| | S. 49 W | 14 | | | | |
| | N. 88 W | 20 | | | | |
| | N. 46 W | 26 | | | | |
| | N. 66 W | 11 | | | | |
| | S. 82 W | 12 | | | | |
| | N. 31 W | 490 | | | | |
| | N. 40 W | 86 | | | | |
| | N. 50 W | 118 | | | | |
| | N. 70 W | 16 | | | | |

| date | course | dist | Remarks | water | time | rate |
|---|---|---|---|---|---|---|
| | N 86 W | 29 | | | | |
| | S. 62 W | 66 | | | | |
| | S. 48 W | 182 | | | | |
| | S. 11 W | 70 | | | | |
| | S 7 W | 144 | | | | |
| | S 6 E | 182 | | | | |
| | S 33 E | 160 | | | | |
| | S 11 E | 110 | | | | |
| | S 57 E | 10 | | | | |
| | East | 40 | | | | |
| | S. 17 E | 265 | to Littlefield's Logging camps. A handsome small island bears about a S. course from this place containing about 4 acres called pumpkin island thence | | | |
| | S. 23 E. | 54 | | | | |
| | S. 41 E | 24 | | | | |
| | S 45 E | 24 | | | | |
| | S 48 E | 92 | | | | |
| | S. 22 E | 122 | | | | |
| | S. 31 E | 49 | | | | |
| | S. 40 E | 44 | | | | |
| | East | 26 | | | | |
| | S 32 E | 80 | | | | |
| | S 79 E | 35 | | | | |
| | N 70 E | 20 | | | | |
| | S. 70 E | 40 | R. encamped | | | |
| Thurs 16 | | | Out of provisions & had to go to Cowins camp for supplies. We should have had enough to finish the E shore of the Main | | | |



| date | course | dist | Remarks | water | time | rate |
|---|---|---|---|---|---|---|
| | | | S as far as we had to go, had we not found Sugar Island which will probably take us 3 days to survey. Returned same day & proceeded | | | |
| | N. 32 E | 36 | | | | |
| | S. 84 E. | 167 | | | | |
| | S 3 E | 34 | | | | |
| | S. 64 E | 42 | R to the birch tree ⌀ the first bounds. This Island is the largest & highest in the Lake & probably worth the most, being chiefly first rate land and a considerable pine timber, although one season logging has been done on it (by Littlefield as we understood winter before last. The other growth mixed hardwood with some spruce cedar & hemlock. There being much sugar maple we called it Sugar Island | W | 2 | 1 |
| | | | We then commenced at the Norway pine on E shore of the main thence | | | |
| | S. 36 W | 140 | | | | |
| | N. 72 W | 14 | | | | |
| | S. 30 W | 66 | | | | |
| | S 37 E | 26 | | | | |
| | N. 70 E | 38 | | | | |
| | N. 62 E | 48 | R and encamped | | | |
| Fri 17 | S. 24 E | 270 | | | | |
| | S. 18 E. | 40 | | | | |
| | S. 14 E | 130 | | | | |
| | S 25 W | 120 | | | | |
| | S 77 W | 18 | | | | |

| Date | course | dist | Remarks | water time rate |
|---|---|---|---|---|
| | S 22 E | 12 | | |
| | S 38 W | 18 | to most southerly part of beaver creek and in these 2 distances passed 4 small Islands of about 5 acres in the whole | |
| | N 51 W | 344 | | |
| | N. 25 W | 220 | | |
| | North | 87 | | |
| | N 3 W | 36 | | |
| | N. 78 W | 6 | | |
| | N. 40 W | 36 | | |
| | S. 34 W | 12 | | |
| | S 60 W | 240 | | |
| | S 12 E | 40 | | |
| | S. 9 W | 220 | | |
| | S 11 W | 108 | | |
| | S 40 E | 20 | | |
| | S. 10 W | 128 | | |
| | S 48 E | 36 | to Smelt point - Deer Island S. point bears from this place N. 53° W. The N. point of Moose Island bears N. 88 W. | |
| | S 21 W | 50 | | |
| | S. 8 E. | 128 | | |
| | S 23 E | 102 | | |
| | S. 71 E | 100 | to the N W C. of Saco free bridge Grant a white birch tree S B. 5 M. Apl. 5th 1813 - to which I added F N ∅ 1827, which I marked last spring. (the whole distance from the ash tree in Spencer bay marked J.M.) Is pine timber & very good looking land & the country at a distance looks well timbered with pine, so that to | |



| Date | course | dist | Remarks | water time rate |
|---|---|---|---|---|
| | | | appearance there is a vast quantity for the Kennebec. I then steered for the outlet of the lake in search of the N. line of Bingham's Purchase. encamped at the outlet of K. River | |
| Sat 18th | | | Could not find the Bingham line. We then begun at the pine tree ∅ F N 1827 on the N.W. shore of the Lake to which I run from Moose River last Apl & run on the shore | |
| | East | 26 | | |
| | S. 77 E | 273 | | |
| | S. 13 W | 18 | | |
| | S. 26 E | 20 | | |
| | S 72 E | 42 | | |
| | S. 25 E | 120 | | |
| | S. 65 E | 104 | | |
| | N. 85 E | 38 | | |
| | N 55 E | 38 | | |
| | N 45 E | 160 | | |
| | N 34 E | 75 | | |
| | N. 14 E | 24 | | |
| | N. 2 E | 122 | | |
| | N 24 W | 27 | | |
| | N 25 E | 243 | to an inlet I R. from the W. | |
| | N. 45 E | 20 | | |
| | N. 23 E | 48 | | |
| | N. 41 E | 54 | | |
| | N 28 E | 28 | to a poplar tree No 1 on the S. E. side & | |

| Date | course | dist | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | | | W on the N.E. & IN 1827 – stone mrg | | | |
| | | | 1 M. – 314 R – E. by the Needle from the | | | |
| | | | Spruce the S.E. Cr. of Middlesex &c. | W | 2 | 2 |
| | | | Growth mixed some pine | | | |
| | | | Thence by the Lake | | | |
| Sun 19 | N. 34 E | 23 | | | | |
| | N. 15 E | 20 | | | | |
| | N 34 E | 66 | | | | |
| | N 24 E | 38 | | | | |
| | North | 80 | | | | |
| | N. 13 W | 31 | | | | |
| | N. 8 E. | 96 | | | | |
| | N. 20 W | 27 | | | | |
| | N 11 W | 79 | | | | |
| | N 43 E | 168 | | | | |
| | N. 30 E | 228 | | | | |
| | N 47 W | 24 | | | | |
| | S 74 W | 12 | | | | |
| | N 47 W | 24 | | | | |
| | N 21 E | 142 | | | | |
| | N 32 W | 13 | | | | |
| | S. 67 W | 12 | | | | |
| | N 31 W | 10 | | | | |
| | N 54 W | 149 | | | | |
| | N. 25 W | 144 | | | | |
| | N. 84 W | 36 | | | | |
| | N. 50 W | 24 | | | | |
| | N 80 W | 19 | | | | |
| | N. 15 W | 253 | | | | |



| Date | course | dist | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | N 65 E | 30 | to stream 3 R. from which there is a carrying place to Penobscot River | | | |
| | N 7 W | 44 | | | | |
| | N 15 E | 91 R | | | | |
| | N 66 E | 56 | R to a pine tree ⊙ in the S. line of the Plymouth Co. Township on the bank of the Lake. The land N.W. of the Poplar appears very good. thence by said line on water by Needle S. 88° 30' E | | | 1 |
| | S 88° 30' E | 96 | to a cedar ⊙ | | | |
| | S. 10 E | 32 | | | | |
| | N. 60 E. | 30 R | | | | |
| | S 85 E | 116 | | | | |
| | S 6 W | 114 | passing an inlet 1 R. from the E | | | |
| | S 2 E | 51 | | | | |
| | S 4 E | 107 | | | | |
| | S 3 E | 150 | | | | |
| | S. 5 E | 18 | | | | |
| | S 6 E | 22 | | | | |
| | S 7 E | 231 | Encumped on a small island. There are three small islands here containing about 2½ Acres in the whole | | | |
| Mon 20th | S. 71 E | 75 | | | | |
| | S. 5 E | 45 | | | | |
| | S 84 E | 122 | | | | |
| | N 43 E | 16 | | | | |
| | N. 10 E | 48 | | | | |
| | N 29 E | 39 | | | | |
| | N. 38 E | 38 | | | | |

| Date | course | dist | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | | | W on the N.E. & IN 1827 – stone mrg | | | |
| | | | 1 M. – 314 R – E. by the Needle from the | | | |
| | | | Spruce the S.E. Cr. of Middlesex &c. | W | 2 | 2 |
| | | | Growth mixed some pine | | | |
| | | | Thence by the Lake | | | |
| Sun 19 | N. 34 E | 23 | | | | |
| | N. 15 E | 20 | | | | |
| | N 34 E | 66 | | | | |
| | N 24 E | 38 | | | | |
| | North | 80 | | | | |
| | N. 13 W | 31 | | | | |
| | N. 8 E. | 96 | | | | |
| | N. 20 W | 27 | | | | |
| | N 11 W | 79 | | | | |
| | N 43 E | 168 | | | | |
| | N. 30 E | 228 | | | | |
| | N 47 W | 24 | | | | |
| | S 74 W | 12 | | | | |
| | N 47 W | 24 | | | | |
| | N 21 E | 142 | | | | |
| | N 32 W | 13 | | | | |
| | S. 67 W | 12 | | | | |
| | N 31 W | 10 | | | | |
| | N 54 W | 149 | | | | |
| | N. 25 W | 144 | | | | |
| | N. 84 W | 36 | | | | |
| | N. 50 W | 24 | | | | |
| | N 80 W | 19 | | | | |
| | N. 15 W | 253 | | | | |



| Date | course | dist | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | N 65 E | 30 | to stream 3 R. from which there is a carrying place to Penobscot River | | | |
| | N 7 W | 44 | | | | |
| | N 15 E | 91 R | | | | |
| | N 66 E | 56 | R to a pine tree ⊙ in the S. line of the Plymouth Co. Township on the bank of the Lake. The land N.W. of the Poplar appears very good. thence by said line on water by Needle S. 88° 30' E | | | 1 |
| | S 88° 30' E | 96 | to a cedar ⊙ | | | |
| | S. 10 E | 32 | | | | |
| | N. 60 E. | 30 R | | | | |
| | S 85 E | 116 | | | | |
| | S 6 W | 114 | passing an inlet 1 R. from the E | | | |
| | S 2 E | 51 | | | | |
| | S 4 E | 107 | | | | |
| | S 3 E | 150 | | | | |
| | S. 5 E | 18 | | | | |
| | S 6 E | 22 | | | | |
| | S 7 E | 231 | Encumped on a small island. There are three small islands here containing about 2½ Acres in the whole | | | |
| Mon 20th | S. 71 E | 75 | | | | |
| | S. 5 E | 45 | | | | |
| | S 84 E | 122 | | | | |
| | N 43 E | 16 | | | | |
| | N. 10 E | 48 | | | | |
| | N 29 E | 39 | | | | |
| | N. 38 E | 38 | | | | |

| date | course | dist | Remarks | sweater | tim. | rate |
|---|---|---|---|---|---|---|
| | N. 30 W | 11 | | | | |
| | N 34 E | 14 | | | | |
| | S 69 E | 168 | | | | |
| | S 87 E | 52 | | | | |
| | N. 28 E | 23 | | | | |
| | S 73 E | 79 | | | | |
| | N 69 E | 102 | | | | |
| | N 58 E | 44 | | | | |
| | N 34 E | 46 | to a small inlet | | | |
| | S. 64 E | 60 | | | | |
| | N. 67 E | 33 | | | | |
| | S 30 E | 186 | | | | |
| | S 25 E | 130 | | | | |
| | S 15 E | 146 | | | | |
| | S. 37 W | 28 | | | | |
| | S 42 W | 26 | | | | |
| | S 33 W | 134 | | | | |
| | S 65 W | 80 | | | | |
| | S. 70 W | 184 | | | | |
| | S 65 W | 64 | | | | |
| | S 50 W | 23 | | | | |
| | S 17 W | 20 | | | | |
| | S 9 W | 74 | | | | |
| | S 2 W | 164 | | | | |
| | S 8 E | 19 | | | | |
| | S 7 W | 9 | | | | |
| | S 2 E | 216 | | | | |
| | S 28 W | 104 | | | | |
| | S 23 E | 42 | | | | |



| date | course | dist | Remarks | sweater | tim. | rate |
|---|---|---|---|---|---|---|
| | S 9 W | 85 | to a large white birch fell down marked MSX A. Strong – E G 1816 ~~X X~~ and spotted on 4 sides. There was also a large pine fell down near the birch, the fire had run & no doubt that it was left by Greenleaf & Strong when they surveyed this township and killed most of the timber for a considerable distance. There was a green cedar standing between the pine & birch which I marked anew and numbered it 3 on the N. side IN ~~X~~ 1827 Encamped | | | |
| Tues. | 21 | | Rainy day, went to Sandbar to look once more for the N. L. of Bingham's Purchase in order to find the S. E. C. of Taunton & Raynham. – Encamped at the Sandbar | | | |
| Wed. | 22 | | Went to the yellow birch the S. E. C. of Taunton & Raynham Grant standing in the N. line of Bingham's Purchase, spotted on 4 sides and marked on the E. 6 M ~~X~~ – on the N. side 1 M ~~X~~ and many trees spotted as witnesses. From thence run E. by needle 53 R. to a white ash tree on the shore of the Lake corner'd and No. 1 I N ~~X~~ 1827. thence by the shore | | | |
| | N. 25 E | 56 | | | | |
| | N 22 W | 44 | | | | |
| | N. 6 W | 305 | | | | |
| | N 20 E | 50 | | | | |

| date | course | dist | Remarks | varies | tim. | rate |
|---|---|---|---|---|---|---|
| | S. 7 E | 30 | | | | |
| | S 16 E | 200 | | | | |
| | East | 47 | | | | |
| | S. 33 E | 138 | | | | |
| | S 8 E | 26 | | | | |
| | N. 63 E | 11 | | | | |
| | N. 34 E | 116 | to the Norway pine at the sendbers from which I run Northwardly to Moose Rwer. Returned to Cowans camp | | | |
| Thurs 23d | | | Started for home & arrived at Monmouth on Monday 27th | | | |



| date | course | dist | Remarks | varies | tim. | rate |
|---|---|---|---|---|---|---|
| | | | 1827 July 31st Started from a Norway pine on the W shore of the N. cove of Moosehead Lake in the S. line of Plymouth Companys Township Spotted S & E. Measured on said line - course by needle N. 88° 30' W. 216 R. a Stream 2 R wide running S same | | | |
| | | 104 | R making 1 M. dark growth pine - | | 4 | 3e |
| | same | 320 | R making 2 M. growth birch, maple and Spruce. Soil - | | | 2 |
| | | | & encamped | | | |
| August 1st | same | 320 | R. making 3 M. Growth birch maple beech & Spruce. no water soil | | | 1 |
| | Same | 12 | R a yellow birch the S.W. C. of Plymouth companys grant & spotted on four sides - on S.W. M S X 1816. Marked same on S.E. side W. & | | | |
| | Same | | on line between Middlesex & Plymouth 4 M. & 160 R & encamped | | | |
| August 2d | Same | 1 M. | 152 R. making 5 M. 312 R a yellow birch, marked on the S. R. S. - on the N "R. 4." - on E. "T. N°1" - on S.E. "T. N° 2 M S X. Canal town, corner 1816" Marked the same on S.W. N° 2 E N & - the course of this line N. 87° 30' W | | | |
| | Same | 72 | R a beech & 2 M No. 1 on W. side No 2 on E. | | | |

| date | course | dist. | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | same | 108 R. | course of line N. 88° 30' W a small pond. Thence run | | | |
| | S. 54° 30' W | 10 R | from this station the object on the opposite side of pond bears N. 79° 30' W By Natural Sines 9°:10R :: 44= 46 The distance by Logarithms is 46 R. nearly. By traverse table the same | | | |
| | Same | 34 rods | making 1 M. Growth pine birch maple & spruce uneven surface | | 3 | 3 |
| | Same | 320 R | making 2 M. Growth birch, S. maple birch & Spruce stony bottom | | | 2 |
| | Same | 80 R. | a white birch ⊗ 6 M marked on N. & No 1 - 1814 - Marked same on N.W. T. N° 2 E N ⊗. Then run & spotted by the needle | | | |
| | N. 88° 30' W | 89 R. | a brook 1/2 R. wide running N. | | | |
| | Same | 145 R. | making 320 R a cedar ⊗ 3 M. Growth pine spruce birch | | 3 | 3 |
| | Same | 320 R | a spruce ⊗ 4 M For growth & soil see last entered. However | | 3 | 3 |
| | Same | 40 R | & encamp | | | |
| 3d | Same | 78 R | a dead stream 6 R wide running N. | | | |
| | Same | 202 R | making 1 M. a yellow birch 5 M. Growth pine birch spruce Larch, cedar | | 3 | 2 |
| | Same | 178 R | a stream 1 1/2 R wide running N.E. Much excellent meadow 50 R wide on line | | | |
| | Same | 142 R. | making 1 M. a brown ash ⊗ 6 M Growth pine spruce cedar, birch - stony bottom | | 2 | 3 |

| date | course | dist. | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | same | 320 R | a yellow birch in the E. line of No 3 - 5th Range. Growth ge see last mile Marked same on E. 7 M. T. N° 2 X 2 E N ⊗ Thence Measured | | 2 | 3 |
| 4th | N. 1° 30' E | 205 R | to a branch of Penobscot river & encamp | | | |
| | River | 3 R wide | running E. | | | |
| | Same | 114 | making 1 M. Growth beech birch maple spruce | | | 2 |
| | Same | 40 R | a branch of Penobscot River 4 R wide running S. E. Much meadow on same 80 R in width on line | | | |
| | Same | 274 R | making 2 M Growth pine spruce cedar birch - | | 3 | 3 |
| | Same | 320 R. | making 3 M. for growth see last entered | | 3 | 3 |
| | Same | 320 R. | making 4 M. Growth, beech birch spruce, stony bottom | | | 2 |
| | Same | 60 R | & encamp - a runy day | | | |
| 5th | Same | 260 R | making 5 M Growth pine birch maple spruce a small brook 10 R 3 & 4 | | 4 | 3 |
| | Same | 320 R. | making 6 M a white birch 172 R. N. of a spruce marked 4 M in E. line of No 3. - 4th R. Marked same on S - R. 4. on S. E. T. N° 2 E N ⊗ - a small brook 12 R. S. & E. - For growth see last Thence Run & Spotted | | 4 | 2 |
| | S. 88° 30' E | 80 R | a small stream running S. | | | |
| | Same | 240 R. | making 1 M. a brown ash ⊗ 4 M. Growth pine spruce cedar birch | | 4 | 3 |
| | Same | 320 R | a birch ⊗ 3 M For growth see last entered | | 4 | 3 |

same 6 R. a branch of Penobscot 2 R. wide running S

same 314 R. a spruce ⌀ 2 M. Growth beech sugar maple birch & spruce stony bottom 2

same 254 R. a stream 2 R. wide running S. E. & encamps

6th same 56 R a fir ⌀ 1 M. dark growth — pine 3 2

same 90 R. a pine on the bank of Penobscot River the N. branch of Penobscot River — River 8 R wide running S. About 60 R. N is an exceeding fine place for Mills — fall of water about 10 feet The waters of this river is so swollen by the late rains that we find it impossible to cross it on a raft either on our line or for ½ M. either way from same. The water is of sufficient height to run lumber at this time. From this place we go to S. W. corner of No 2. 4th R. — encamp on line.

7th We are detained ½ of this day in crossing a branch of the Penobscot which we passed on Thursday morning of the 7th The waters of this river have risen so high the water on the meadows is from 2 to 4 feet deep which we have to wade for 1½ M. before & after we cross River From the corners of 2 & 2 We run S. 1° 30' W 320 R. making 1 M.



| date | course | dist. | Remarks. | Water | lim | rate. |
|---|---|---|---|---|---|---|
| | | | Growth pine first ½ M. - hardwood 2d ½ M. Dark growth | | 2 | 2 |
| | same | 198 | R. a stream 2 R wide running E., meadow on same | | | |
| | Same | 122 | R. making 2 M. For growth & soil see last entered | | 2 | 2 |
| | Same | 200 | R & encamps | | | |
| 8th | Same | 120 | R making 3 M. Growth spruce, sugar maple. birch | | 2 | |
| | Same | 318 | R to the shore of a small pond. Growth beech birch, sugar maple spruce Thus mile passed over a high bluff. Thence run by shore of Pond | | 2 | |
| N. 88° W | | 10 | R. From this station the object on opposite side bears S. 25 E. — To find the distance by Logarithms — As the sine of the angle opposite the given side is to the given side so is the angle opposite the required side to that side | | | |

As Sine 27°30' = 9.66441
is to 10 = 1,
So is 62°30' 9.94793
10.94793
So distance 9.66441
1.28352 = 19.2 R

By Nat. Sines
As 0.45175 : 10.88701 = 19 54/100 R
By traverse table 19.51

| date | course | dist. | Remarks | water | time | rate |
|---|---|---|---|---|---|---|
| | Same | 86½ | R. a spruce in the line marked T.M. S/R with no other visible marks upon it. A line runs N. 88° 30' W. from this tree & from this we conclude it is the corner of 3×3 Ranges 2 & 3 | | | |
| | Same | 216 | R making 5 M. growth beech, birch maple & spruce | | | 3 |
| | Same | 128 | R. a small stream 1 R. wide running S.W. | | | |
| | Same | 80 | R same stream running E. with some meadow | | | |
| | Same | 112 | R making 6 M. a spruce marked on N. R 3 — on S. R 2 — on E. T. No. 2×2 I N Q Growth birch spruce cedar pine thence run & spotted | | 3 | 3 |
| | S. 88° 30' W. | 36 | R. a stream 1 R. wide runs S. | | | |
| | Same | 284 | R. making 320. a spruce Q 5 M. growth birch spruce pine | | 3 | 2 |
| | Same | 80 | R. a stream 1 R. wide runs S. | | | |
| | Same | 240 | R making 1 M a beach Q 5 M. Growth beech sugar maple birch & spruce, ground descent | | | 1 |
| | Same | 170 | & encamped | | | |
| 9 | Same | 150 | R making 1 M a brown ash Q 4 M Growth birch, S. maple beech, spruce & cedar, pine | | 2 | 2 |
| 3 | Same | 120 | R a stream 1 R wide runs S. | | | |
| | Same | 182 | R a stream 3/4 R wide runs S. | | | |
| | Same | 18 | R a cedar Q 3 M Growth birch spruce pine | | 2 | 3 |



| date | course | dist. | Remarks. | Water | time | rate |
|---|---|---|---|---|---|---|
| | Same | 320 | R. a white maple Q 2 M. Growth spruce birch beech cedar, pine- rocky bottom | | 3 | 3 |
| | Same | 320 | R a spruce Q 1 M. Dark growth | | 2 | 3 |
| | Same | 320 | R. a fir. Growth. 1st 1/2 birch, beech pine 2 1/2 M. mostly down wood excepting scattering birch & spruce together making | | 1 | 1 |
| | | | | | 3 | |
| | | | | | 9 | |
| | | | We continue our course 1/2 M. without spotting excepting first 40 R. without intersecting W. line of Middlesex county township. Spend the remainder of the day in searching for the corner but without effect, owing doubtless to the trees having been blown down since it was run | | | |
| | | | After having run at right angles from our line for 1/2 M. either way & being short of provisions, not having more than sufficient for 4 men 1 day, we abandon the idea of finding it without leaving the line from one of the other corners | | | |
| | Friday 10 | | Fair Return to the fir, marked the same on N. Sly T. No 2 R. 3 I N Q. From this tree return to the spruce Q 1 M. Marked same on S. E. T. No 1 on S. Sly T. No 2 on S. R 2 I N Q thence run & spotted S. 1° 30' | | | |
| | S. 1° 30' W. | 320 | R. a fir Q 5 M. Growth birch spruce pine | | 1 | 2 |
| | Same | 320 | R a birch Q 4 M Growth spruce cedar fir birch pine | | 2 | 3 |
| | Same | 60 | R. the great Bassua stream 2 1/2 rods wide | | | |

| date | course | dist. | Remarks | Water | time | rate |
|---|---|---|---|---|---|---|
| | | | running E. | | | |
| | same | 260 | R. a beech ⌀ 3 M. Growth birch spruce cedar pine, much pine on the banks of the stream | 2 | 3 | |
| | same | 320 | R. a cedar ⌀ 2 M – ¼ M. dark growth – ¾ M. burnt cedar leaned, trees mostly down, encamp | | | 4 |
| 11th | same | 158 | R. a small poplar ⌀ on the shore of a stream 8 r wide running W. which empties into Bagsaw Pond 30 R. S. thro growth see last – ¾ m. entered | | | 4 |
| | same | 12 | R to pond ~~three~~ S. 33° 30' E. near the shore of the pond 9 links From this station the object on opposite side bears S. 8° 15' W | | | |

To find the distance across same. By Logarithms

| | | |
|---|---|---|
| As sine 6° 45' | | 9.07018 |
| : is to | 98 R. | 1.99123 |
| :: Sine | 138° 15' | 9.82340 |
| | | 11.81463 |
| | | 9.07018 |
| (Distance) 555 R = | | 2.74445 |

By Natural Sines

0.11754 : 98 :: 0.66588 = 555 R Distance

The corner of this Township is 470 rods into the pond : To find the distance which it is necessary to run on a course

S. 33° 30' E. to make the Latitude 470 R.

| | | |
|---|---|---|
| As Tangent | 55° = | 10.15477 |
| : | 470 R. = | 2.67210 |
| :: Secant | 55° = | 10.24141 |
| | | 12.91351 |
| | | 10.15477 |
| | | 2.75874 |

Dist = 573 R



| date | course | dist. | Remarks | Water | time | rate |
|---|---|---|---|---|---|---|
| | | | By natural sine 0.81932 : 470 :: 1 : 573 R dist. we continued on our course of | | | |
| | S. 33° 30' E. | | after leaving run | | | |
| | | 98 | R. | | | |
| | | 475 | R. marking this pt. | | | |
| | | 573 | R. passed near the pond over hardwood leaned. To find our departure from S. 33° E. of | | 1 | 2 |

II: 12° R. As radius 10.00000

| | | |
|---|---|---|
| :: distance | | 2.75874 |
| : Sine 35° | | 9.75859 |
| | | 12.51733 |
| | | 10 |
| | | 2.51733 |

Departure 329

By natural Sines

0.81932 : 470 :: 0.57358 329 R departure

thence run & spotted N. 88° 30 W 9 R. a maple ⌀ 1 M it being 320 R. from the corner

| | | | | | |
|---|---|---|---|---|---|
| Same | 22 | R e pt on bank of pond ⌀ thence returned to the maple & run & spotted | | | |
| S. 88° 30' W | 109 | R. a small stream runs S. W. with some meadow on same | | | |
| Same | 211 | R. a white maple ⌀ 2 M. Growth beech birch sugar maple & spruce – 1½ mile near the pond | | | 2 |
| | 320 | a spruce ⌀ 3 M. Growth first ½ M. sugar maple beech birch & spruce 1st rate size – 2½ M. cedar spruce pine – together making | | 4th | 2 |
| Same | 20 | R. & encamp | | | |
| 12th Same | 300 | R making 1 M. a yellow birch ⌀ 4 M Growth beech birch spruce 3 rate pine – | | 3rd | 2 |

| date | course | dist. | Remarks | Water | Iron rate |
|---|---|---|---|---|---|
| | same | 302 | R a cedar on the shore of Moosehead Lake marked same on W. S. No 1 R 1 on S. R 1 on N. R. 2 E N ϕ. Growth similar to the last M. except 50 R. burnt land. From this place we go to mouth of Moose river & encamp | | |
| 15th | | | Follow up river to Bassua pond 4 M. thence round the southardly part as far as Moose river & M. & encamp | | |
| 14th | | | Go to the object in the line between Nos 1 & 2 on shore of pond which is a fir. Marked same on S. T. No 1 — on E. T. No 2 ϕ the corner of Nos 2 X 2 & 5 R in said pond. Process. | | |
| | | | To find distance necessary to measure to make our latitude on a course | | |
| N. 30° 36' W. | | | equal 85 R. — Radius — 10.00000 | | |
| | | | : 85 1.92942 | | |
| | | | ∴ Secant 3° 30' = 1.006923 | | |
| | | | 11.99865 | | |
| | | | 10 | | |
| | | | By R 99 distance 199865 | | |
| | | | By Natural Sines | | |
| | | | 85264 : 85 :: 1 — 99 distance | | |
| | | | To find Departure By Natural Sines | | |
| | | | 085264 : 85 — 32250 — 52 R departure | | |
| | | | Measured 99 R. a fir on the bank of the pond ϕ on N. R. 2, on S. R. 1. — thence run & spotted | | |
| N. 88° 30' W. | | 268 | R. a white birch ϕ 1 M. Growth sugar maple birch & spruce 4th rate pine rocky bottom | | 4 2 |
| Same | | 320 | R. a spruce ϕ 2 M. Growth 1/2 M. hardwood 1/2 M dark growth 3rd rate pine | | 3 2 |



| date | course | dist | Remarks. | Water | Iron rate |
|---|---|---|---|---|---|
| | same | 140 | R. a brook 3/4 R. wide runs S. | | |
| | Same | 114 | R. a brook 3/4 R wide runs E & E. | | |
| | Same | 66 | R. a yellow birch ϕ 3 M. Growth dark 2 rate pine | | 2 3 |
| | Same | 320 | R. a spruce ϕ 4 M. Growth sugar maple beech & spruce for 3d rate pine | | 3 2 |
| | Same | 320 | R. a spruce ϕ 5 M. for growth see last entered | | 2 3 |
| | Same | 120 | R. 4 encamped | | |
| 15th | same | 66 | R. a stream 1 R. wide runs S. | | |
| | Same | 122 | R making 308 R | | |
| | | 308 | T a yellow birch in E. line of T. No 3 1st R. Marked same on E. T. Nos. 2 X 2 on N. R. 2 on S R. 1 E N. ϕ for growth see last entered. thence returned to Bassua Pond on line of T. No 2 & 1. thence run & measured | | |
| S. 1° 30' W. | | 71 | R. Moose River running S & N. E. distance by table 16 R across same | | |
| Same | | 169 | R. a white maple ϕ 1 M. Dark growth the best of the pine has been cut off 1 year or more but are unable to say by whom but expect that it was Weston | | 3 |
| Same | | 80 | R. a spruce in the N line of Sandwich Acad. grant marked same on N E. T. No 1 — on N.W. T. No 2 I N ϕ Mixed growth thence measured | | 3 2 |
| S. 88° 45' E. | | 48 | R a beech marked as the corners of Taunton and Sandwich Dec. 1813 | | |
| Same | | 272 | R making 320 R | | |

| Date | course | dist. | Remarks | Water | Line rate |
|---|---|---|---|---|---|
| | | | [illegible] growth sugar maple, birch beech & spruce | | 2 |
| | Same | 138 R | a pine on the shore of Bessue pond, for | | |
| | | | growth see last entered. this pond is about | | |
| | | | 4 miles long from N.W. to S.E. & from 1 M. | | |
| | | | to 1½ wide – encamp | | |
| 16th | | | Run & measured | | |
| | S. 208 | 40 R | ~~Then the~~ object 5th opposite side bears | | |
| | ~~N. 158 E.~~ | | N. 85 E. to find distance on the line | | |
| | | | As sine 6° 15' 9.03690 | | |
| | | | : 10 1.60206 | | |
| | | | :: 75 9.98494 | | |
| | | | 11.58700 | | |
| | | | 9.03690 | | |
| | | | 355 as ways – 2.55.010 By Nat. sines | | |
| | | | 0.10887 : 40 :: 09.6600 : 355 R nearly | | |
| | | | Making 2 M – 173 R same | | |
| | 93 | R | to Moose River running N.E. same by | | |
| | | | table 18 R. wide | | |
| | Same | 54 | R. making 3 M Growth hardwood & softwood | | 1 |
| | Same | 320 | making 4 M. Growth ½ m. dark ½ a | | |
| | | | M. beech sugar maple birch spruce pine | | |
| | same | 320 | making 5 M Growth beech, birch, maple | 3 | 2 |
| | | | spruce, no water, this M. passed over a | | |
| | | | high bluff which for ⅓ of a mile is ledge | | 2 |
| | Same | 320 | making 6 M. for growth & soil see | | |
| | | | last entered | | 2 |



| Date | course | Distance | Remarks | Timber | Water | Rate |
|---|---|---|---|---|---|---|
| | same | 75 R | a cedar on the shore of Moosehead lake R2 | | | |
| | | | N. R 1 S.T. N. 1. S. W. N. N. W. 1 N. & then travel | | | |
| | | | to mouth of moosriver & encamp | | | |
| 17th | | | to Cowans camp for supplies | | | |
| 18 | | | Went to Sandy Bay Moosehead lake & encamp | | | |
| 19 | | | To the Penobscot River ½ M. down river 7½ M | | | |
| | | | making 12 M and encamp. | | | |
| Monday 20 | | | Go 7 M on our way towards Chesuncook | | | |
| | | | and encamp. | | | |
| 21 | | | To Chesuncook lake 3½ M to the birch tree on | | | |
| | | | the Monument line on the W shore of the lake | | | |
| | | | & I N Monument line 1827 marked same | | | |
| | | | on S.T. N. 3 then run & spotted. | | | |
| N. 77° W. | 320 | R | a maple & M Course same 320 R a spruce & 2 M | | | |
| | | | growth sugar maple beech birch spruce 3 rate | | | |
| | | | pine no water | | | 1 |
| same | 320 | | a pine & 3 M growth spruce and fir 2 rate | | | |
| | | | pine no water soil | | | 3 |
| same | 320 | | a spruce & 4 M for growth and soil see last | | | |
| | | | M entered second rate pine | | | |
| same | 66 | R | a dead stream 4 R. wide running N 60 | | | |
| | | | R.S. of line a mill privilege | | | |
| same | 54 | R | and encamp. | | | |
| 22 same | 200 | R | a beech & 5 M growth birch spruce 1st rate | | | |
| | | | pine | | | 2 |
| same | 320 | R | a yellow birch & 6 M on E R 13 on W R 14 | | | |
| | | | on S.T. Nos 3 & 8 I M & 1827 growth birch maple | | | |
| | | | spruce 1st rate pine soil | | | 2 |

| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | same | 320 | Rs maple & 1 M for growth and soil see last mile 1 rate spine | | 1 | |
| | same | 320 | a cedar & 2 M growth spruce and cedar 1st east spine soil | | 1 | 3 |
| | same | 320 | a larch & 3 M dark growth soil 3 rate | | | |
| | same | 320 | Rs cedar & 4 M for growth and soil see last M | | | |
| | same | 160 | a fir on the east bank of the Penobscot River & on S. No 3 on E. Monument Line the river 11 R wide by traverse table meamps on W side. | | | |
| 23 | same | 160 | a spruce & 5 M growth on E side of River see 2 last M entered on W. side spruce & larch soil. | | 3 | |
| | same | 320 | a white birch & 6 M R 14 E R 15 W T No 3. S I N. & 1827 growth larch and spruce by the needle | | 3 | |
| | N 77° 30 W | 320 | Rs. a spruce & 1 M growth spruce except 40 R. of handsome 1 rate pine soil | | 1 | 3 |
| | same | 320 | Rs a spruce & 2 M growth spruce with some birch and larch 4 rate spine | | 4 | 3 |
| | same | 1144 | Rs a branch of Penobscot River 2 Rs wide running S. | | | |
| | same | 176 | Rs a spruce & 3 M growth spruce white birch 4th rate spine | | 4 | 3 |
| | same | 242 | Rs white birch in the Eline of the Plymouth Co Township & 3 M 242 R on S E T N° 3 I N. 1827 growth mixed 2 rate pine soil thence measured | | 2 | |



| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | S 30° W | 120 R | and encamp | | | |
| 24 | same | 184 R | to Penobscot River running E 10 Rs wide | | | |
| | same | 16 R | making 320 R | | | |
| | | | growth 3 rate pine spruce and birch | | 3 | 2 |
| | same | 320 R | making 2 M mixed growth 3 rate spine | | 3 | 2 |
| | same | 268 | Rs a spruce & 6 M S. E. C. of Plymouth marked same on S W T W & thence run & spotted | | | |
| | S 30 W | 52 R | a spruce & 3 M dark growth 3 rate pine | | 3 | 3 |
| | same | 320 R | a cedar & 4 M Growth birch beech maple spruce 2 rate spine | | 2 | 1 |
| | same | 210 R | a white maple on the bank of Moosehead lake marked on E T N° 3 on W. S. W IN & the E bluff of Mount Kenio bears | | | |
| | S 33° 30 W | | encamp see last M for growth and soil | | | |
| 25 | | | To Penobscot on our way to the N.E. corner of N° 3 14th R and down river to where we encamped the 19th and encamp | | | |
| 26 | | | To the N.E. C. of T. N° 3. 14 R. 4½ M. thence run and spotted | | | |
| | N 2° 50 W | 320 R | a spruce & 5 M growth birch & spruce 1st rate spine soil 2 rate | | 1 | 2 |
| | same | 320 | Rs. a spruce & 4 M Mixed growth 2 rate spine soil and encamped | | | 2 |
| 27th | same | 119 R | to a small pond thence | | | |
| | N 85 E. | 26 R | course to object on opposit side | | | |
| | S 28 W | | To said distance across pond | | | |

| Date | Course | Distance | Remarks | Watercourses | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | same 15° 10' 9.41768 | | | |
| | | | ∴ 26 R 1.41497 | | | |
| | | | ∴ Sine 57 9.92359 | | | |
| | | | 11.33856 | | | |
| | | | 9.41768 | | | |
| | | | ∴ 83.3 R distance 1.92088 | | | |
| | | | By natural Lines | | | |
| | | | .02616 3 : 26 : : 083883 : 83.3 R. distance | | | |
| same | | 117 7/10 R | | | | |
| | | | Remaining 320 R | | | |
| | | | to a spruce ∅ 3 M. mixed growth 2 rate pine | | | |
| same | | 320 R a fir ∅ 2 M mixed growth 2/3 M 1st rate | | | 2 | 2 |
| | | | pine soil | | 1 | 2 |
| same | | 320 | a beech ∅ 1 M 1827 growth sugar maple | | | |
| | | | birch spruce 2 rate pine soil | | 2 | |
| same | | 320 | R a fir ∅ 6 M R 13 & R 14 W. T. T. N 3 N. | | | |
| | | | T. N. 2 S.E. I N 1827 growth birch sugar | | | |
| | | | maple beech and spruce no water soil leave | | 1 | |
| | | | this for the S. E. C. of N. 3 R 13. 1/2 M and encamp | | | |
| 28 | | | to the beach corners 342 R 13 thence run and | | | |
| | | | spotted | | | |
| S 77 30 E | | 91 | R a yellow birch ∅ on the bank of Caribou | | | |
| | | | lake growth hardwood return | | 1 | |
| | | | 91 R to corner and run | | | |
| N. 77 30 W | | 320 | R a beech ∅ 1 M growth sugar maple beech | | | |
| | | | and birch uneven surface rocky bottom | | 2 | |
| same | | 160 | R. and encamp | | | |
| 29 same | | 160 | R. a beech ∅ 2/3 M mixed growth surface | | | |
| | | | uneven | | 2 | |



| Date | Course | Distance | Remarks | Watercourses | Timber | Rate |
|---|---|---|---|---|---|---|
| same | | | 241 R a white birch on the bank of a pond growth | | | |
| | | | mixed 3 rate pine | | | 2 |
| | | | thence run ~~N 24 W~~ | | | |
| N 28 W | | 20 | R then object on opposite side bears | | | |
| N 8630 W | | | To find distance | | | |
| | | | sine 9° 9.19433 | | | |
| | | | ∴ 26 R 1.30103 | | | |
| | | | ∴ 86° 40' 9.99926 | | | |
| | | | 11.30029 | | | |
| | | | 9.19433 | | | |
| | | | .127 R distance 2.10596 | | | |
| | | | .01564 3 : 099831 : : 20 : 127 R across same | | | |
| | | | this pond is about 2/3 M long N & S. and | | | |
| | | | from 1/3 M. to 2/3 in width | | | |
| same | | 272 | R a spruce ∅ 4 M growth birch maple | | | |
| | | | spruce hemlock and cedar uneven surface | | | |
| | | | 2d rate | | | 2 |
| same | | 320 | R a spruce ∅ 5 M dark growth uneven surface | | 3 | 3 |
| same | | 310 | R intersected our line running | | | |
| | | | a fir ∅ 6th on E. R 13 on W R 14 N.E. T N. 3 on S.E. | | | |
| | | | T N. 2 I N ∅ 1827 for growth see last mile thence | | | |
| | | | run | | | |
| S 12° 40' W | | 140 | R and encamp | | | |
| 30 same | | 180 | R a beech ∅ 5 M mixed growth 2/3 pine | | 3 | 2 |
| same | | 86 | R a beech ∅ on W. R 14. on N.W. T. N. 3 on S.W. | | | |
| | | | T X I N 1827 thence | | | |
| N 77 30 W | | 320 | R a sugar maple ∅ 1 M. growth sugar maple | | | |
| | | | beech spruce soil | | | 1 |
| same | | 304 | R a cedar on the shore of the pond ~~on S~~ | | | |
| | | | marked same on S. T X I N ∅ 1827 dark growth | | 3 | 3 |

| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | the wind is so high that the pond is impassible the width (on our line) of pond is abt. 180 R the length of pond is 3/4 M from S.E. to N.W. the width from 2 to 2 1/2 Ms a cove extends abt 1 M. S. of our line. return to S.E.C. of No 3. R 14 and runs | | | |
| | S 12° 40' W | 234 | R a fir & 4 M. growth 1/2 M. hardwood 1/2 M dark growth on high land but 50 R | | | 1 |
| | | | 50 R distant in either hand 1 rate soil | | | |
| | same | 200 | R a stream 1/2 R wide runs W. | | | |
| | same | 20 | and encamp | | | |
| 31st | same | 100 | R a white maple & 3 M dark growth uneven surface rocky bottom | | | 3 |
| | same | 320 | R a beach & 2 M growth sugar maple beach birch and spruce steep N decent 1/2 M rocky bottom | | | 2 |
| | same | 2140 | R the top of the E Spencer Mt which extends abt 3/4 M from E.N.E. to W.S.W. this Mt is gradual in the ascent but very steep in the decent on the line it is surrounded by hardwood growth near the foot of from 1/2 M. to 1 M in width then by a narrow girdle of mixed growth then by dark growth until we arrive near the top which produces cranberrys and blueberrys plentifully from which we had a view of a large tract of territory | | | |
| | same | 80 | R a small white birch & 1 M. dark growth the surface mostly covered by rocks. ~~same~~ | | | |



| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | same | 320 | R a sugar maple & 6 M. growth 1/2 M hard wood soil 1st rate 1/2 mile dark growth soil 3 rate making we leave this in search of the S. E C. of M. S. X canal town spent the remainder of the day in search but without success encamp. 1 M. W of line. | | | 1 2 |
| Sept 1 | | | Return to tree & 6 M. and runs | | | |
| | S 12 30' W | 320 | R a white birch & 5 M. growth sugar maple beach birch and spruce no water S decent | | | 1 |
| | same | 320 | R a yellow birch & 4 M. growth sugar maple beach birch and spruce no water pine | 4 | | 2 |
| | same | 126 | R a brook 1/2 R wide runs E | | | |
| | same | 194 | R a spruce & 3 M dark growth rocky bottom fine | 3 | | 3 |
| | same | 80 | R a stream 2 R wide runs S.W. ~~same~~ | | | |
| | same | 68 | R same stream running S.E. | | | |
| | same | 172 | R a spruce & 2 M dark growth pine low flat land | 3 | | 3 |
| | same | 140 | R a stream 1 R wide runs W | | | |
| | same | 180 | R a white birch & 1 M growth 1/2 M dark 1/2 M swamp | 2 | | 3 |
| | same | 320 | R and intersected the line running W to Spencer Bay 60 R | | | |
| | | | 60 R ~~E~~ of the white birch & 6 M marked spruce the reason of the R line which we run S intersecting the Spencer bay line | | 60 R | |
| | | | 60 R of the birch & E M I think must be owing either to the roughness of the land in over which we had to measure in going | | | |

| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | W from Chesuncook or some attraction of the needle or perhaps in part to both | | | |
| 2 | | | Go to Spencers bay for the purpose of preambulating the S. line of No. 5 x to S.E. C. thence to R 13 and for supplies, find the bay very rough fill the boat before we got 20 R from shore return to S.W. C of T. No. 1. R 13. encamp | | | |
| 3 | | | marked the beech ⌀ 6 M on E R 13 on W R 14. on N. T 1 x 1 I.N. ⌀ 1827 thence run | | | |
| | N 25° 15' E | 68 R | Roach River 4 R runs W. N. W | | | |
| | same | 252 R | 1 M + intercepted our line running S. thence to the tree ⌀ 6 M a sugar maple marked same on E R 13 pr N.E. T No 2 on S.E. T No 1. I.N. ⌀ 1827 then run | | | |
| | N 77 30' W | | for the east line of No. 5 x 240 R a spruce ⌀ and came to an inaccessable pt of Spencer Mt return to C. and encamp | | | |
| 4 | 8 | | run | | | |
| | S 77 30' E | 286 R | a brook 1/2 R wide running S same | | | |
| | | 34 R | a beech ⌀ 5 M growth sugar maple beech birch spruce S. descent 1st | | | 1 |
| | same | 204 R | a brook 1/3 R wide runs N.E. | | | |
| | same | 116 R | a hemlock ⌀ 4 M for growth and soil see last M. entered | | | |
| | same | 258 R | a brook 1/2 R wide runs S.E. | | | |
| | same | 62 R | a spruce ⌀ 3 M mixed growth 2 rate soil | | | 2 |
| | same | 180 R | a stream 1 R wide runs W. | | | |
| | same | 40 R | a brook 3/4 R wide runs N.W. | | | |



| Date | Course | Distance | Remarks. | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | same | 100 R. | a cedar ⌀ 2 M. growth birch spruce cedar and 3 rate pine soil | | | 3 2 |
| | same | 264 R | a small pond thence run | | | |
| | N 12° 30' E | 20 R. | from this station the object on opposite shore bears— | | | |
| | S 58° 30' E | | Radius 10. | | | |
| | | | : 20 1.30103 | | | |
| | | | :: Tang. 19° 10.46303 | | | |
| | | | distance on line 58 R 11.76406 | | | |
| | | | By Natural Sines | | | |
| | | | 19° : 20 :: 71° :: 57 R. answer | | | |
| | | | A cedar on E shore of pond ⌀ 1 M. mixed growth pine | | | 2 2 |
| | Same | 298 R | intersects the line W. of 12th R 13 R N. of the beech corner of 1 & 2. for growth and soil see last M. entered. We then run from beech | | | |
| | N 72. 30 W. | | until we intersects our line running E. encamped | | | |
| 5th | | | to the S. E. C. of No 1. 13 R which is a spruce | | | |
| 5th | | | R. 12. E. R. 13 W. J. A. + A. S. T Nos 1 x 1 N. I N ⌀ 1827 thence run and spotted | | | |
| | S 12° 20' W | 104 R. | a stream 1/2 R wide runs S.W. | | | |
| | Same | 216 R. | a spruce ⌀ 5 M growth spruce & birch | | | 2 3 |
| | | 320 R | a spruce ⌀ 4 M. S. maple beech birch and spruce W. descent 1/2 M. rocky bottom soil 2d rate | | | 2 |
| | Same | 120 R. | encamped by a small brook running W. | | | |

| Date | Course | Distance | Remarks. | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| Same | | 200 R | a spruce ⌀ 3 M growth S. maple beech beech (and spruce W. descent, stony bottom 2d rate | | | 2 |
| Same | | 320 R. | a fir ⌀ 2 M for growth & soil see last M entered | | | |
| Same | | 36 R. | a brook 1 R. wide runs N.W. | | | |
| Same | | 284 R. | a pine ⌀ 1 M dark growth | | 3 | 2 |
| Same | | 100 R. | a W. edge of a pond, thence run | | | |
| | | 84 R. | by offset of 10 R. at right angles This pond about 1 M. in length N & S. ½ M. wide | | | |
| Same | | 136 R. | a ~~maple~~ spruce marked on W R. 13. on N.W.T.A. on S.W.T.A. 2 IN ⌀ 1827 for growth, see last entered, soil. thence runs | | | 3 |
| S 12° 15 W. | | 46 R. | a stream 1½ R wide runs S.W. | | | |
| Same | | 274 R. | a larch ⌀ 1 M dark growth 3 rate pine | | 3 | 3 |
| Same | | 126 R. | a spruce in the N. line of Bowdoin & Township 2 M. 106 R. E. of N.W.C. of same, marked same on E.R. 12 on W. R. 13 on N.W.T.A. 2 on N. & T A the course of N line is | | | |
| N. 88° 30 W. | | | encamped, on N. line of this towns. Return to the corner of A & A 2 & run | | | |
| 7th | | | | | | |
| N 77° 40 W. | | 320 R. | a beech ⌀ 1 M. growth ½ M mixed soil ½ M dark growth uneven surface rocky bottom together making | | | 2 3 |
| Same | | 320 R. | a white birch ⌀ 2 M dark growth rough uneven surface | | | 3 |
| Same | | 320 R | a W. birch ⌀ 3 M. for growth & soil see | | | |



| Date | Course | Distance | Remarks. | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | last M this M passes over the N. part of a high mountain. | | | |
| Same | | 320 R. | a spruce ⌀ 4 M for growth (and soil see 2 last M's entered. passes over Mt. | | | |
| | | 66 R. | & encamp by small brook. | | | |
| 8th Same | | 254 | a spruce ⌀ 5 M dark growth steep S. descent. rocky bottom | | | 3 |
| Same | | 320 R. | a spruce ⌀ 6 M growth ½ M dark 2d ½ M burnt land | | | 3 |
| Same | | 320 R. | a yellow birch ⌀ 1 M growth 1st ½ M burnt land 2d half M hardwood W descent | | | 2 |
| Same | | 320 R. | a ~~spruce~~ ⌀ 2 M. growth mixed pine | | 2 | 2 |
| Same | | 290 R. | a cedar on the shore of Moosehead Lake Lily Cove, marked same on N.T.A on STA 2 IN ⌀ 1827 from this tree the S. pt of Cove bears S 22° 30 W 20 R | | | |
| | | | ~~S 22° 30 W 20~~ R. growth dark (and encamped | | | 13 |
| Sept. 9 | | | Leave Cowan's Camp for the S.E.C. of M. SX Canal town go to N.E. pt of Spencer bay 12 M. thence to Lily pond about 2 M. long 1 M. wide outlet S. thence N & E by pond to M. SX S. line, thence E on line to pine tree ⌀ 1 M (and encamped | | | |
| 10th | | | to yellow birch ~~birch~~ ⌀ 5 M. MSX C. Canal town S.E.C. Sept. 8. 1816 E.L. thence run | | | |
| S 77° 30 E | | 380 R | a white birch in the line W. of 13th R. 114 R S. of the N.W.C. of N.T. 13 R. marked same on S.W.T. No 1. on N.W. IX on W R. 14 IN ⌀ 1827 growth mixed | | | 3 |

| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | The S. line of M. S.X. from the pond to S.E.C. is 2nd p/r distance 2 rate & 1st p/r 3 rate soil | | 32 | |
| | | | pine 3 rate from this place we go to Spencer bay Encamp. | | | |
| | | | This finishes my part of the survey | | | |
| | | | Hiram Rockwood Surv. | | | |
| | | | Jesse L Fairbanks & | | | |
| | | | Saml Stone Chainmen | | | |
| | | | Tobias Arno Speller | | | |



| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | Record of a survey on the undivided lands belonging to Massachusetts & Maine | | | |
| | | | The survey to be described will be made on the territory which Joseph Norris Esqr became obligated to survey in 1824 by virtue of a contract with the "Land Commissioners" of Massachusetts & Maine — | | | |
| | | | Being furnished with copies of the "contract with Commissioners" "Instructions from Commissioners" & a Plan of the territory to be surveyed, — & | | | |
| | | | Commenced the survey on Wednesday August 4th 1824 | | | |
| Aug. 4th | | | This night took an observation & found the variation of the needle to be — | | | |
| | | | 11° 5' W. of N. | | | |
| 5th | | | Began at a Spruce the corner between Nos 2 & 3 in the 10th & 11th Ranges | | | |
| | | | Run by the Needle | | | |
| N. 14° E | 88 | | rods to the S.W. Shore of Penobscot River which is about 30 rods wide & runs S.E. | | | |
| | | | The N.E. Shore of the river washes the base of a high mountain of ledge & rocks lying parallel with the river & is inaccessible from the South. Beyond this mountain an other whose sides are steep ledges & cannot be ascended but by circuitous & zigzag courses | | | |

| date | course | dist | Remarks | | varies | Time. | Rate |
|---|---|---|---|---|---|---|---|
| | | | Accordingly I fixed it impracticeable to run this line Northerly abandon it. On the distance run the growth is mixed & mostly killed by fire | | | | 2 |
| | | | From the spruce corner before mentioned Run | | | | |
| S. | 14° 5' W | 188 | rods to a large brook 1/2 rod wide running N.E. Continued | | | | |
| | | 192 | rods & marked a rock maple 5 M ⊙ The growth of the N. 1/2 mixed & soil rocky the S. 1/2 on the N. east of a mountain of ledge — the growth burnt down 2 years since | W | | | 3 |
| | | | Continued | | | | |
| | | 320 | rods & marked a beech 4 M ⊙. This distance over the top of a high steep mountain of ledge & rock. Growth dark killed & mostly prostrated by fire 2 years since | | | | |
| | | | Continued ~~320 rods~~ | | | | |
| | | 320 | rods & marked a fir 3 M ⊙ Surface steep & broken composed of large rocks & ledge. Growth killed by fire | | | | |
| | | | Continued 320 rods & marked a fir 2 M ⊙ Land course S. W, broken & rocky, growth | NW | | | 4 |
| | | | mixed & killed by fire. Encamped & found the variation to be 14° W | | | | 4 |
| 9th | | | Run | | | | |
| | S. 14° W | 146 | rods to a stream 1/2 rod wide running S.E. from a pond about 1/2 mile above. The pond lies N.W. & E.S.E & is supposed to be 4 | | | | |



| date | course | dist | Remarks | varies | Time. | Rate |
|---|---|---|---|---|---|---|
| | | | miles long & from 1/2 to 1 mile wide. Continued | | | |
| | | | 174 rods & marked a beech 1 M ⊙. | | | |
| | | | Except a narrow strip along the shores of the Brook, the surface is rough & mostly rocks & ledges | S. | | 3 |
| | | | At this place see a pond of 5 or 7 acres a few rods E. Continued | | | |
| | | 126 | Rods to a brook 1/2 rod wide running S.E. | | | |
| | | | Continued | | | |
| | | 194 | rods & marked a spruce 5 M ⊙. Growth mostly dead & a very few pines, surface rough | W. | | 3 |

East line of No 1 - 11th Range & West line of No 1 - 10th Range

Continued

70 rods to the brink of a precipice washed at the foot by a pond. Measured at right angles

18 rods & found an object in line on the S. shore of the pond to be a S. 19° W making an angle of 5°. Then by "Traverse table"

Under a course of 5°

Against 2.00 in Departure column

Stands - 22.91 " Latitude column

Then as 2.00 : 22.91 :: 18

18

18328

2291

2,00 ) 41238

206.18

Distance to South shore

206 rods. Went round the end of the pond & crossed the outlet which is 1 Rod wide

| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|

might possibly afford water enough to drive
logs in. From the line on the S. shore measured
12° southward of a right angle 15 rods I
found the angle with the line on the N. shore
to be 5 1/4°. Then by Nat. Sines

09150 : 15 :: 97338
15
486690
97338
09150) 1460070 (150.5
915
5460
4575
8857
8235
522

150 rods leaves 47 rods of horizontal measure
47 from the pond to the top of the pine ridge.
This pond is about 1/2 mile in length from
W. & W. to E. N. E. Saw considerable pine
44 timber to the W. of it. Continued 44 rods &
marked a y. Birch 5 M R. Growth mixed
& few pine trees. Surface rough & soil rocky W 2 2
Continued
310 rods to a large stream 6 rods wide running E.
This flows into a Northern cove of Pemadum-
-cook Lake & is sufficiently large for boating &
driving down logs. Continued
10 rods & marked a B. ash tree 1 M R
Surface rough & growth mixed & some
pine timber W 3 4



| date | course | dist | Remarks. | Water | Tim | rate |
|---|---|---|---|---|---|---|

Encamped & found the variation to be 13° 55' W
August 1827

10th Run

S. 13° 55' W 247 rods to a stream with a rocky bottom 2 rods wide
running E. N. E. It has sufficient water to
73 drive logs. Continued 73 Rods & marked a hem-
-lock 3 M R. The land lies in swells & is
rather stony. Growth mostly hardwood & a few pines W 4 2
Continued
320 rods & marked a spruce 2 M R. Surface
tolerably even & growth mostly hardwood. Continued W 1
264 rods to a large brook 1/2 rod wide running E.
Continued
56 rods & marked a spruce 1 M R Surface even
soil rich & a few pines W 4 1
Continued
100 rods to a brook 1/2 rod wide running E.
Continued
134 rods & marked a hemlock 6 M R. The land is
rough with a mixed growth & considerable
32 pine timber. Continued 32 rods to a stream 1 R. wide W. 2 3
running E. over a smooth ledge bottom We think it might answer to drive logs in
Continued 53 rods to a stream 1 rod wide running E. over
a rocky bottom. Continued
235 rods & marked a beech 5 M R Land rather
uneven & is quite ledgy & rocky. It has a
mixed growth & considerable valuable pine
timber on the N. part W 2 3

| date | course | dist | Remarks | Water | timber rate |
|---|---|---|---|---|---|
| | | | Encamped but the night was cloudy & could not get an observation by the A. Star | | |
| | | | Sunday | | |
| 11th | | | Run | | |
| | S. 13°30' W. | 316 | rods to a stream with a rocky bottom 2 rods wide running E. It is sufficiently large for driving logs. Continued | | |
| | | 4 | rods & marked a y. Birch 4 M ℞. The land is very steep & rocky coming to the S. except about 40 rods of level land bordering on the stream which is level & has a good soil | W. | 4 2 |
| | | 11 | Continued 11 rods to a brook 1/2 rod wide running E. Continued | | |
| | | 241 | rods to a brook 1/2 rod wide running E. Continued | | |
| | | 08 | rods & marked a beach 3 M ℞. The land canting gently to the N. has a heavy growth of hardwood spruce & hemlock & a rich soil | W. | 1 |
| | | | Continued | | |
| | | 320 | rods & mkd. a fir 2 M ℞. This distance passes over a mountain of rocky ledge. The original growth was killed by fire about 30 years since & a small growth of poplar, White Birch & chewy tree has succeeded. | W. | 4 |
| | | | Continued | | |
| | | 320 | rods & marked a W. Birch 1 M ℞ This distance on the S. side of a steep mountain | | |



| date | course | dist | Remarks | water | timber rate |
|---|---|---|---|---|---|
| | | | of large rocks. Growth W. Birch poplar & chewy tree. Encamped & found the variation to be 13°45' | | 3 |
| | | | Sunday 12th | | |
| 12th | | | Run | | |
| | S. 13°45' W. | 320 | rods & marked a spruce 6 M ℞ The land canting mostly to the E. & has a growth of hardwood cedar &c | | 1 |
| | | | Saw 2 ponds E. of here distant 1 mile — 1/2 mile apart from N. to S. — 1/2 mile across each & seperated from Pleasant River water by a high ridge. Continued | | |
| | | 139 | rods to a stream 4 rods wide running E. Saw several timber Logs, lodged on the rocks & a lumber camp on the bank of the stream about 2 R. W. of line, One of my hands recognizes some of the tools as belonging to Benjan. Brown of Milo. He says that Benjan. Brown & Nathaniel Mayhew of Milo & Aaron Johnson of Kilmanock, have lumbered in this vicinity 2 or 3 years but in consequence of the stream being rocky & unfavorable for driving, they have been unsuccessful in getting down the logs. Two or three of them were marked MM but the others had no marks upon them. Continued | | |
| | | 58 | rods to another stream 3 rods wide running E. & forming a junction with the other just below. Continued | | |
| | | 128 | rods & marked a hemlock 5 M ℞ | | |

| date | course | dist | Remarks | wate | tim. | rate |
|---|---|---|---|---|---|---|
| | | | Sand level growth mixed & a large proportion of excellent pine timber which might go down the Pleasant River branches. Continued | W | 1 | 2 |
| 72 | | | rods to a brook 1/4 rod wide running E. | | | |
| | | | Continued | | | |
| 248 | | | rods & marked a W. birch 4 M ⊗. Land | | | |
| | | | runs N. with a mixed growth & a good soil. | W | 1 | 1 |
| | | | Much handsome pine timber. | | | |
| | | | Continued 124 rods up a steep mountain (distance on the surface about 200 Rods) to the | | | |
| | | | South it falls off too abruptly to admit of a continuation of the line except by returning N. on the line to the foot of the mountain & then travelling around the mountain a great distance to the E. The S. side of the mountain is so shaped that its top cannot be seen from the base nor till you have travelled a considerable distance S. where the land is uneven & the growth thick so that it would be quite difficult to recognize the place where the line terminates on the top & ascertain its distance. In the direction of the line is another high mountain & over which passes the line of the "Ninth Range" | | | |
| | | | The entire tract of land southward as far as could be distinguished & Eastward from the W. line of the 10th Range to the river was burnt over about 30 years ago | | | |



| date | course | dist | Remarks | wate | tim. | rate |
|---|---|---|---|---|---|---|
| | | | There are also some skirts of old burnt land W. of said line. The N. line of the 9th Range could not therefore be found by a continuation of ours. The knowledge of this fact does not however absolve or prevent me from the continuation of my line till it should have passed the point of intersection in the N. line of the 9th range & it is on account of the natural obstacles only that I relinquish the attempt to proceed further. From this eminence we see cleared farms & buildings S.S.E. apparently 8 or 10 miles distant. | | | |
| | | | See a pond about 1 1/2 mile long from & to W & think the check line between Letters A & B. 11th R. will pass a little N. of it. | | | |
| | | | There is an immense quantity of handsome pine timber on Letter B. between the E line & the pond, also contiguous to the pond & a heavy growth S. & W. of the pond. | | | |
| | | | According to appearances I think this township will have more valuable pine timber than any I have ever surveyed. | | | |
| | | | S.W. of this eminence it is very broken & mountainous. Old burnt land & spruce growth. Last observation run is | | | |
| | | | Returned to the lumber camp & encamped | | | |
| | | | Found the variation to be 13° 45' W. | | | |

| date | course | dist | Remarks | varies | true | rate |
|---|---|---|---|---|---|---|
| | | | Monday | | | |
| 13th | | | From the spruce corner previously marked O M C & now marked R 10 on the E. R 11 on the N. - T. A on the N.E. & N.W. - T. B on the S.W. - Run | | | |
| | N. 76° 15' W. | 256 | rods to a brook 1/2 rod wide running South | | | |
| | | | Continued | | | |
| | | 64 | rods & marked a brown ash 1 M. The land has been tolerably level with a mixed growth & a fair proportion of handsome pine timber | 2 | 2 | |
| 15th | | | Continued | | | |
| | | 16 | rods to a handsome brook 1/2 rod wide running S.E. Continued | | | |
| | | 254 | rods to a sheem ~~that passes the timber~~ 40 wide running S.E. this is a large stream camps. We here see the stumps of pine trees that have been cut in & driven down There has been no team but the trees were felled on the banks of the sheem & shipped in on skeds. Continued | | | |
| | | 30 | rods & marked a yellow Birch 2 M C Surface even, growth mixed & a large quantity of pine timber very sound & good | 1 | 2 | |
| | | | Continued | | | |
| | | 320 | rods & marked a W. Birch 3 M C Surface even country moderately to the ~~South~~ growth mixed & considerable pine | 2 | 2 | |
| | | | Continued | | | |
| | | 320 | rods & marked a beech 4 M C. The land ~~rises~~ a little to the south & has a growth of hardwood | 1 | | |



| date | course | dist | Remarks | varies | true | rate |
|---|---|---|---|---|---|---|
| | | | Continued | | | |
| | | 320 | rods & marked a beech 5 M C. South ~~hardwood~~ & rich soil. | | 1 | |
| | | | Continued | | | |
| | | 320 | rods & marked a y. birch for the corner of a township R. 11 on the E. R. 12 on the W. T. A N.E. & N.W. & T. B S.E. & S.W. J C N C 1827 Level land growth pine & spruce. | | 1 | 3 |
| | | | Encampeed & found the variation to be 13° 40' W. The last 6 M.s. run has been very level & either good settling or timber land, mostly the latter There appears to be a vast quantity of pine South of the line but not so much N. of it | | | |
| | | | Tuesday | | | |
| 14th | | | To find the Bowd.n College line run & half spotted a line | | | |
| | S. 60° W. | 80 | rods. Then | | | |
| | S. 40° W. | 785 | rods. Then | | | |
| | S. 65° W. | 97 | rods & intercepted the E. line of the Bowdoin College land. The courses from the corner to this line were varied to avoid steep hills where the measure might be more imperfect & the growth was such that we apprehended a difficulty in finding the B. college line. Traced the B. College line 1 mile & 308 rods to the N.E. corner on a spruce marked marked "A G. C 1812 B. C. 6 M & C" From our corner toward the B College line 1 mile & | | 1 | 3 |

| date | course | dist. | Remarks | scale | tim | rate |
|---|---|---|---|---|---|---|
| | | | the remainder mixed growth | | 3 | 3 |
| | | | on the B. college line Mountainous. Saw a pond | | | 4 |
| | | | about 1½ mile E. ¼ W & ¾ mile N ¼ E. about | | | |
| | | | ¾ mile N. of this corner. By the traverse table I | | | |
| | | | have calculated the Lat. & Dep. of the courses & distances | | | |
| | | | from the corner of A & B. but a part of the land | | | |
| | | | has been so steep & broken that the measure on the | | | |
| | | | different courses cannot be supposed to coincide & | | | |
| | | | considering the circuitous rout taken & the distance | | | |
| | | | run over land as above described, neither the course | | | |
| | | | nor distance as given by the traverse table could | | | |
| | | | be expected precisely to terminate at the corner of | | | |
| | | | A & B. A right line between the corners might | | | |
| | | | indeed be raised by a second trial but it would | | | |
| | | | be oblique with every other line with which it would | | | |
| | | | be connected: Whereas by continuing the N. line of | | | |
| | | | the A line the B. College E. till in a polen south | | | |
| | | | course from the S.W. corner of A. then N. to said | | | |
| | | | corner, the lines connecting with the said Tp. A | | | |
| | | | & the B C township would be a continuation of & in | | | |
| | | | the right lines with the W. & N. lines of s township | | | |
| | | | & at right angles with the S. & E lines thereof | | | |
| | | | Letter B. would have (in number) an additional | | | |
| | | | line & angular point, but as an offset | | | |
| | | | Letter A of the 12th range would avoid an | | | |
| | | | angular point & on the S would have one | | | |
| | | | & a right line instead of two and further | | | |



| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | the quantity of land in A of the 12th range | | | |
| | | | & B of the 11th range would approximate | | | |
| | | | more nearly to an equal division. At length | | | |
| | | | I concluded to run the lines as proposed | | | |
| | | | varying in a small degree from the lines | | | |
| | | | marked on the plan believing such variation | | | |
| | | | to be beneficial to the order of the survey | | | |
| | | | the fitness or unfitness of which conclusion will | | | |
| | | | of course be decided by the Commissioners | | | |
| 15th | | | Encamped Wednesday | | | |
| | | | From the B. college corner run, | | | |
| | E | 180 | rods to a brook ½ rods wide running N. | | | |
| | | | Continued | | | |
| | | 140 | rods & mk'd a beech I M ⊗ land level & | | | |
| | | | growth mixed and some pine timber | | 3 | 2 |
| | | | Continued. | | | |
| | | 192 | rods to a log brook ½ rod wide running S.E. | | | |
| | | | Continued. | | | |
| | | 136 | rods and mk'd a white maple for the corner | | | |
| | | | of T3. 11th Range & A 12th range as follows. viz: | | | |
| | | | R. 11. on the E.R. 12 on the W.T. T3. on the S.E. | | | |
| | | | & T. A on the N. W. J.C. N. ⊗ 1827 land boggy | | 1 | 4 |
| | | | Run | | | |
| | N 13° 40 E | 26 | rods to the y. birch mk'd as the corner of | | | |
| | | | C & B. of the 11th range from said corner. | | | |
| | | | Continued | | | |
| | N 13° 40 E. | 196 | rods to a bog brook ½ rod wide running S.E. | | | |
| | | | Continued | | | |
| | | 100 | rods to a log stream 1 rod wide running S.E. | | | |
| | | | continued | | | |

| Date | Course | Distance | Remarks. | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | 24 | rods and mk'd a cedar I M⊠ land level with a handsome growth of spruce and considerable pine timber – continued | | 2 | 2 |
| | | 320 | rods and marked a spruce 2 M⊠ in this distance run over a steep hill, otherwise the land is level, growth mostly spruce interspersed with a few handsome pines | | 3 | 2 |
| | | | Continued. | | | |
| | | 166 | rods to a brook 1/2 rod wide running W. | | | |
| | | | Continued | | | |
| | | 154 | rods and mk'd a spruce 3 M⊠ surface even growth hardwood, spruce & a fair proportion of large sound pine timber | | 2 | 1 |
| | | | Continued | | | |
| | | 320 | rods and mk'd a spruce 4 M⊠ surface wet with a dark growth & a heavy mixture of the best of pine timber. The chance for roads through this region of timber is good the face of the country being level and free from under brush and fallen spruce. Encamped & found the variation to be 13° 45' | | 1 | 3 |
| 16th | | | Thursday 10th Run | | | |
| | N 13° 45' E. | 320 | rods and mk'd a spruce 5 M⊠ land level growth spruce and a good mixture of pine of a moderate size but sound & good | | 1 | 2 |
| | | | Continued | | | |
| | | 320 | rods and mk'd a spruce 6 M⊠ for description see last mile except more pine timber and larger – Continued | | 1 | 2 |



| Date | Course | Distance | Remarks. | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | 122 | rods to the S. shore of a pond 2 miles in length from E. to W. and for nearly an equal width, measured on the shore of the pond at right angles with the line. | | | |
| | | 22 | rods & found the angle with the line on the oppo. shore to be 11° 30' Then by traverse table under a course of 11° 30' | | | |
| | | | again 10°.97 in Dep. Lat. | | | |
| | | | is 53.90 in Lat. Lat. | | | |
| | | | which × by $\frac{2}{107.80}$ | | | |
| | | | So that the distance in line across pond is 108 rods nearly | | | |
| | | 108 | | | | |
| | | | Continued. | | | |
| | | 90 | rods and mk'd a beech I M⊠ land level and growth mostly spruce and pine and some hardwood N. of the pond, from the pond we have no distant view but see a heavy mixture of pine timber surrounding it. The out let is not so large as might be wished for driving logs but might perhaps answer – Continued. | | 1 | 2 |
| | | 110 | rods to a stream 1 rod wide running E | | | |
| | | | Continued | | | |
| | | 210 | rods and mk'd a moosewood 2 M⊠ Growth mostly hardwood and some large handsome pines, apparently good rift | | 2 | 1 |
| | | | Continued – | | | |

| Date | Course | Distance | Remarks. | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | 133 | rods to a Beaver pond that outlets to the E. measured at right angles with the line 12 rods & found the angle with line on the opposite shore to be 10° Then by traverse Table under 10° against 11.98 on Dep: Col is 67.95 in Lat: Col Distance on line across pond is 68 rods — nearly. | | | |
| | | 68 | Continued | | | |
| | | 119 | rods mk'd a spruce 3 M ☓ land level growth mostly hardwood and a mixture of pine — Continued | | 3 | 2 |
| | | 320 | rods and marked a rock maple 4 M ☓ This distance passes over a rise of land with a spruce growth near the top & hardwood and spruce on the N.W. part soil rocky. Encamped and found the variation to be 13° 50' | | 2 | |
| 17th | | | Tryday 17 | | | |
| | | | Run | | | |
| | N. 13° 50' E | 206 | rods to a stream 1½ rods wide running E probably into Pemadumcook Lak - headloons which we supposed to be in a pond above — Continued | | | |
| | | 114 | rods & mk'd a fir 5 M ☓ surface even growth principally hardwood Continued | | 1 | |
| | | 81 | rods to a cove of a pond - Continued | | | |
| | | 8 | rods across — Continued | | | |

| Date | Course | Distance | Remarks. | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | 80 | rods to a brook - Its general width is ¾ of a rod where we crossed 8 rods | | | |
| | | 8 | rods continued from the N. Shore | | | |
| | | 157 | rods & mk'd a spruce 6 M ☓ surface rather uneven growth, spruce, cedar & a large proportion of very excellent pine Continued | | | 14 |
| | | 320 | rods mk'd a cedar I M ☓ Growth cedar spruce and some elegant pine on the N. p Continued | | 2 | 4 |
| | | 12 | rods to a pond of about 1 acre on a brook ½ rod wide running E. continued | | | |
| | | 8 | rods across — Continued | | | |
| | | 154 | rods to another small pond on a small brook running E. Continued | | | |
| | | 10 | rods across — Continued | | | |
| | | 72 | rods to a stream 2 rods wide running E between steep banks of ledge - The fall & quantity of water is sufficient for mills & Continued — | | | |
| | | 47 | rods to a pond of 1 acre which outlet S.E. Continued — | | | |
| | | 17 | rods & marked a moosewood 2 M ☓ Growth mostly pine mixed with spruce surface rough & ledgy — Continued | | 1 | 4 |
| | | 320 | rods & mk'd a hemlock 3 M ☓ surface rough soil rocky. Encamped and found the variation to be about 14° | | 1 | 4 |
| 18 | | | Saturday 18th Run — | | | |

| Date | course | Distance | Remarks. | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | N 14 E | 320 | rods & marked a spruce 4 M ☒ from the 3 M. tree. northward passed over rocky ledgy land with a mixed growth spruce & pines of an inferior quality & size. The N.p is flat land with a mixed growth & many elegant pines. Continued | | 2 | 3 |
| | | 320 | rods and marked a spruce 5 M ☒ for description see last ½ of preceeding mile Continued | | 1 | 2 |
| | | 240 | rods and came opposite to ✓ 53 rods – polar W. from the corner of ✓ Nos. 2 & 3 in the 11th & 12th ranges. mk.d on a small piece from the corner run by compass about S. 30° W. till it intersected the line run north. land flat | | 1 | 3 |
| | | | From the pine corner Run | | | |
| | N. 76. W. | 240 | rods to the stream that passes near the corner – it here runs N. W. & it is 1 rod wide not large enough to drive logs in Continued | | | |
| | | 80 | rods & mk.d a spruce 1 M ☒ land flat: growth mixed and the greatest amount and the most value of pine timber on any mile yet run. Continued | W | 1 | 3 |
| | | 320 | rods and mk.d a W. birch 2 M ☒ A part of this distance lies in moderate ridges and a growth in part hardwood – fir timber it is nearly equal to the last mile from the top of a tree discover a heavy growth of pine timber in every direction. I have | | 1 | 2 |



| Date | course | Distance | Remarks. | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | never seen land so well timbered as in this region. Nearly all the land I have over and seen (except in running S.) has been timbered with pine mostly of a tolerable size and apparently very sound and good from the tree tops I saw the surface lake and the country west which appeared well timbered. Encamped | | | |
| 19th | | | Sunday 19th | | | |
| | | | Continued | | | |
| | N 76° W. | 320 | rods and mk.d a white maple 3 M ☒ land level with a growth of spruce and pine watered by a brook | W | 1 | 2 |
| | | 320 | rods and marked a fir 4 M ☒ surface even growth spruce and considerable pine Continued | | 2 | 2 |
| | | 316 | rods to the E. shore of a lake mk.d a pine tree 4 M. 316 rods ☒ growth cedar small spruce and some pine At the N.W. end of the lake there is apparently a large body of pine timber W of the lake are high ridges of hardwood intermixed with some spruce & a few pine south of the lake the land appears level an considerable of pine. I travelled southward on the E. shore of the Lake about 3 miles to the S end and crossed a large sluggish inlet about 3 rods in width the land travelled over has been 1st & 2 rates | W. | 3 | 3 |

| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | Growth on the shore dark but somehard Wood swells back and considerable fine timber From this inlet travelled nearly W. S. W. about 1 mile on a handsome swell of land with a heavy growth of hardwood & a few pines – Continued Westerly along the S. shore of a large inlet of the lake. crossed it and continued westerly till we struck the W. line of No. 2 12th Range. Passed over land heavily timbered about 2/3 of the distance and good farming land the remaining 1/3. The stream crossed is sufficiently large for driving down the immense quantity of timber that borders on its shores. Encamped | | | |
| 20th | | | Monday 20th | | | |
| | S. 70 E | 234 | Travelled S. to the corner of Township Nos 1 and 2 of the 12th & 13th Ranges mkd on a beech by Joseph Norris Esq. in March from the beech corner run. rods to a dead stream 6 rods wide supposed to run N. Continued | | | |
| | | 80 | rods and mkd a beech 5 C W nearly the whole distance to the stream was burnt over 5 or 6 years since, and the timber a part of which was pine was killed. after crossing the stream came through as handsome a growth of pine timber as yet seen. the trees very large :– Continued | W | 22 | |

| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | 320 | rods and mkd a spruce 4 ll R, Growth spruce hardwood and a good mixture of large pine timber Encamped | | | |
| 21 | | | Tuesday 21st | | 1 | 2 |
| | S 76, 5 E | 320 | Continued rods and marked a spruce 3 ll R, surface diversified, Growth mixed, Continued | | 1 | |
| | | 320 | rods and mkd a moose wood 2 ll R, surface rather uneven – growth mixed and as valuable lot of pine timber Continued | | 1 | 2 |
| | | 320 | rods & mkd a beech 1 ll R land tolerably level and rather low, growth mixed and considerable sapling pine timber, Continued | | 2 | 2 |
| | | 230 | rods and struck the range line 108 rods South of the 6 ll tree mkd on a spruce – Marked a spruce for the corner at the intersection of the line R. 11 E. R. 12 W G. No 1. S E and S. W. G No 2. N & S NW J. E N. R 1827 for discription see last mile. | | 2 | 2 |
| | | | Encamped | | | |
| 22d | | | Wednesday 22d | | | |
| | | | Travelled N. 6 miles to the corner of Nos 2 & 3 of the 11th & 12th ranges mkd on a pine, the line previously run N. towards this corner struck 53 rods W of it. and an obligue line was run southward from the corner intersecting S line run N. My object in again coming to this corner is to resurvey by running a line southward from this corner. | | | |

| Date | Course | Distance | Remarks. | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | and to be reckoned for the true line instead of that run N Run | | | |
| | S 15° W | | B lines marking mile trees, were much troubled with attraction of the needle & on account of the rough ledgy surface could not get a correct line. Note. found a slight attraction when running the line N but it continued but a short distance. We now measured at right angles westerly to ascertain the distance to the line run N & found it to be about 80 rods, whereas had the lines been run in accordance with the courses entered; without any local attraction of the needle the distance should have been about 40 rods. I discovered no attraction in running N. except for a short distance where I was particularly to avoid being veered in my course. I therefore conclude that the imperfect course has been made in running S. where the attraction and of long continuance. The N line of No 2 11 range was measured on the snow in march and the surface was the roughest of any equal distance measured over and it is reasonable to suppose that the measure might not have been so large as that on the S line. of it of the same range and from which measure was based the line running N | | | |



| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | The townships may be recognized and conveyed as divided by the line run N & intersecting the check line 53 rods westward of the pine corner or by the oblique line to its intersection with that run N. or if presered by an imaginary right line from the pine corner to the Spruce corner 6 miles S. I think the line run N. should take precedence unless it should appear from a second measure that R11 is laid too wide and in which case I would admit the measure before refered to on the N line of No 2 to be correct and the S. line of letter A to be too long on the line run N. to have been an imperfect one. — Till this is ascertained & reckon the S line of T. B correct in measure & the R. line between R 11 & 12 correct in course and consequently accredit a small measure to have been made on the S line of No 3 & N line of No 2 of the 11 Range, an imperfection inseperable from the extreme roughness and inequality of the surface — encamped | | | |
| 23d | | | Thursday 23d | | | |
| | S 76 E | 102 | Begun at the corner last mkd on a spruce and run rods to the N W shore of a pond measured | | | |
| | N 61 E | 21 | rods and found the object in line on the opposite shore to bear | | | |
| | S 69½ E | | | | | |

| 88 Date | Course | Distance | Remarks | Water | Timber | Date |
|---|---|---|---|---|---|---|
| | | | Then by traverse table over a course of 47° against 21 for dist is 14.02 in Lat col 15.36 Dep. col | | | |
| | | | Then under a course of 6° 30' against 7.13 in Dep Col, is 62.60 in Lat col. which x by 2 = 125.20 | | | |
| | | | 15.36 / 40.56 | | | |
| | | 141 | Distance across pond 141 rods nearly. — Saw some scattering pine timber N of the pond & a handsome lot S W and some on the | | | |
| | | 77 | point E. of the pond continued 77 rods & marked a spruce 5 all growth, hardwood no pine on the line continued | W | 1 | |
| | | 230 | rods to the top of a hill the descent of which to the E. is too steep to admit of going forward on the line measured at right angles South ward 22 rods then on a parallel with line eastward | | | |
| | | 16 | rods from the station the object in line at the foot of the hill and on the S W shore of a pond bears | | | |
| S 88 E | | | object in line on the N E of the pond bears | | | |
| S 80 E | | | Then by Traverse table under a course of 12° against 11.02 in Dep Col is 51.84 Lat col | | | |
| | | | which x by 2 = 103.68 + 16 = 119.68 | | | |

| Date | Course | Distance | Remarks | Water | Timber | Date |
|---|---|---|---|---|---|---|
| | | 120 | Dist. to pond 120 rods nearly — again under 4° against 300 in Dep col, is 42.90 in Lat col | | | |
| | | | Then as 300 : 4.2.90 :: 22 = 314 + 16 = 330 dist to N E. shore of pond from which 120 = 210 distance | | | |
| | | 210 | across the pond; on the top of the hill which is composed of hard white granite I set my compass on the moss which covered the ledge and perceived a slight attraction of the needle but at the same place on the staff it traversed correctly this I determined by a high land which I take to be in the line (south of the high bluff which we are upon, and along the S.W. side of the pond is a large tract of good land with a hard wood growth W of the pond is an entire body of pine timber timber this pond has 2 large inlets at the N end. The westerly one is supposed to receive the out of the pond crossed on this line farther W on which is a good mill site from the outlet 5 yds. The W cant the growth is hardwood and the land good. The E cant to a ledge except a fringe of pine on the shores of the pond | | | |
| 24th | | | Friday 24th continued | W | 9 | 1 |

| Date | Course | Distance | Remarks. | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | S 76° E | 80 | rods and mk a spruce 3 M ✕ steep land | W | 2 | 2 |
| | | | continued | | | |
| | | 221 | rods to the shore of a pond measured at right angles 100 rods and found the angle on opposite shore to be 7° 15' Then by Traverse table against 5° .05 in Dep col is 396. 8 in Lat col | | | |
| | | | X by $\frac{2}{79\ 36}$ | | | |
| | | | Distance across pond is | | | |
| | | 79 | rods nearly Continued | | | |
| | | 20 | rods and mk a larch 2 M. ✕ land ledgy and much of fallen spruce, a few pines near the pond — Continued | W | 4 | 2 |
| | | 228 | rods to a pond measured at right angles on the shore | | | |
| | | 9 | rods and the angle on the opposite shore was 5°. Then by traverse table under 5° against 2,00 in Dep col is 22,91 in Lat col | | | |
| | | | Then as 200 : 22.91 :: 9 = 103 | | | |
| | | | Distance across the pond is | | | |
| | | 103 | nearly | | | |
| | | | Land rough steep and ledgy with a dark growth and some pine | W | 4 | 3 |
| | | | Note. Saw a large body of good setting land southward | | | |
| | | | Continued | | | |
| | | 236 | rods and on account of a steep ledge made | | | |



| Date | Course | Dist | Remarks | Wat | Tim | Rate |
|---|---|---|---|---|---|---|
| | | | an offset to the N of 32 rods then | | | |
| | S 76° E | 74 | rods to the range line the measure agreed within one rods, and this confirming the conclusion respecting the correctness of the S Line of N. 11th range and the W line of 5th range measured S. on line 32 rods for offset and mkd the course on a spruce R 10 E R. 11. W. T N°1. S E. & S. W. T N°2. N & N. W. T. & N. ✕ 1827 the 6 M tree is 50 rods N. mk on a spruce, the last mile run is | W | 1 | 2 |
| | | | From the spruce corner last marked | | | |
| | | | continued | | | |
| | S 76° E | 320 | rods & marked a spruce 5 M ✕ mostly old burnt land steep and hilly growth mixed — passed about 2 rods N to a pond of 20 acres | W | 3 | |
| | | | Continued | | | |
| | | 160 | rods and encamped | | | |
| 25th | | | Saturday 25th | | | |
| | | | Run | | | |
| | S 75° 35' E | 80. | rods to the shore of a pond measured at right angles Southward | | | |
| | | 17 | rods then on a parallel with the line eastward 6 rods & found the angle with line on the opposite shore to be 6°. Then by traverse table against 5° .65 in dep col is 5 3. 70 in Lat col | | | |
| | | | X by $\frac{61.10}{10\frac{1}{2}} + 6 = 168$ | | | |
| | | 168 | rods across the pond nearly | | | |

| Date | Course | Dist | Remarks | Wat | Tim | Rel |
|---|---|---|---|---|---|---|
| | | | Mostly old burnt land, lies in moderate | | | |
| | | | ridges and has a growth of poplar W. | W | | 2 |
| | | | birch & From the E shore of the pond | | | |
| | | 232 | continues 232 rods and marked a birch | | | |
| | | | 3 M ~~&~~ old burnt and cant moderately | | | |
| | | | to the W. Growth W Birch, poplar & Wleed | | | |
| | | | by fire within 3 or four years soil stony | W | | 3 |
| | | | Continues | | | |
| | | 320 | rods and mark^d a beech 2 M ~~&~~ old burnt | | | |
| | | | land chequered by some green patches the | | | |
| | | | fire has also burnt over a part of it | | | |
| | | | within 2 or 3 years - Contained | | | 1 |
| | | 320 | rods & mk^d a poplar 1 M ~~&~~ old burnt | | | |
| | | | land surface uneven, growth poplar, | | | |
| | | | birch and spruce. | W | | 2 |
| | | 290 | rods, to the shore of a pond on the river | | | |
| | | | measured on the shore making an an- | | | |
| | | | gle of 36° with the line | | | |
| | | 20 | rods & ~~found~~ the angle with line on opposite | | | |
| | | | side to be 7 1/4° Then by Nat. Sines — | | | |
| | | | As sine of 7 1/4° = 12620 : 20 :: sine of 43 1/4° | | | |
| | | | (supplement of the angle opposite required | | | |
| | | | side) 68513 = 109. Distance across pond is | | | |
| | | 109 | rods nearly. | | | |
| | | | Old burnt land with a rough surface & | | | |
| | | | steep edges and large rocks except about | | | |
| | | | 40 rods of it on the pond which bears | | | |
| | | | stout grass and a scattering growth of | | | |
| | | | White maple & ash | W | | 3 |



| Date | Course | Distance | Remarks | Water | Erection |
|---|---|---|---|---|---|
| 26 | | | Sunday 26th. | | |
| | | | followed the shore of the river downstream we | | |
| | | | met the boatmen when we returned with | | |
| | | | the boat and supplies up to where we had | | |
| | | | left the line — encamped | | |
| | | | The distance from here down to the lake | | |
| | | | is 2 or 3 Miles and there are some bad falls | | |
| 27 | | | Monday 27th | | |
| | | | Started Northwards for the corner between | | |
| | | | Nos 2 & 3, of the 9th & 10th ranges, our progress | | |
| | | | was impeded by ponds and streams and | | |
| | | | we encamped without arriving at the line | | |
| | | | the country passed over is mostly old burnt | | |
| | | | land about 1/2 good tillage land and the | | |
| | | | remainder rocky. Passed some valuable | | |
| | | | meadows of stout grass | | |
| 28th | | | Tuesday the 28th | | |
| | | | from a W Birch the corner of No. 2 & 3 of | | |
| | | | the 9th and 10th ranges run | | |
| | N 14° 15 E. | 320 | rods and mk^d a W Birch 1 M ~~&~~ old burnt | | |
| | | | land Watered by several brooks. growth | | |
| | | | poplar and W Birch. Continued | W | 2 |
| | | 14 | Rods to a stream 1 rods wide running | | |
| | | | W down a steep cant and affords a good mill | | |
| | | | site the water issues from the sides of Mt | | |
| | | | Katkadin, Continued | | |
| | | 222 | rods and found it impracticable to continue | | |
| | | | the line up the steep sides of Mt Katahdin. | | |
| | | | In this distance crossed the great slide W | | 3 |
| | | | old burnt land & rocky | | |

| Date | Course | Distance | Remarks | Water | Under | Roots |
|---|---|---|---|---|---|---|
| | | | From the White birch corner last mentioned | | | |
| | S 14° 15 W | 120 | rods to the stream crossed N. of the corner it is 2 rods wide and runs S E continued.. | | | |
| | | 190 | rods to the stream last crossed running S W continued | | | |
| | | 10 | rods and mk'd a cedar 5 M & old burnt land growth poplars. willows Beech & Spruce | W | | 2 |
| | | 326 | continued 320 rods and mk'd a poplar 4 M & for discription see last mile continued | | | 2 |
| | | 160 | rods and encamped found the variation to be 14° 15' | | | |
| 29 | | | Wednesday 29th | | | |
| | | | Run | | | |
| | S 14° 15 W | 141 | rods to the shore of Penobscot river which runs S. S. E. mesured at right angles 4 rods and found the angle on opposite shore to be 2 1/2° Then by "Traverse Table" Against 1.00 in Dep col is 2298 in Lat col × by 4 91.92 Distance across the river is, | | | |
| | | 92 | rods nearly. Old burnt land soil rocky continued | W | | 2 |
| | | 247 | rods & mk'd a beech 2 M & mostly old burnt land with a handsome second growth & a good soil. Continued | W | | 1 |
| | | 29 | 7 rods to the shore of Penobscot river running S W | | | |

| Date | Course | Dist. | Remarks | Wat | Und | Roots |
|---|---|---|---|---|---|---|
| | | | measured at right angles 4 Rods and found the angles to be 8 1/2 degrees Then by the traverse table Against 3.99 Dep col is 26.70 Lat col therefore the distance across river is | | | |
| | | 27 | rods nearly Surface even growth hard wood and some old burnt land continued | W | | 1 |
| | | 120 | rods ~~nearly~~ along the Eastern shore of the river struck a point through which the river runs measured at right Angles 6 rods & found the angle made with the line on the island to be 6° Then by "Traverse Table" Against 6.96 in Dep col is 5669 in Lat col Distance to the island is | | | |
| | | 57 | rods nearly, continues across the island | | | |
| | | 9 | rods on the S shore of island measured on an oblique course 18 rods making the angle with line 72° Angle with line on opposite shore 5 1/2° Then by Nat Lines as 95.85 sine of 5 1/2 is to 18:: 976.30 sine of 77 1/2 to 182 distance across pond | | | |
| | | 182 | rods nearly, But as the above oblique course was taken backward instead of forward that is Northward the above calculation | | | |

| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | is erroneous & may be corrected by substracting from the result twice the latitude gained on the oblique course which will leave 172 rods for the true distance or by a new process, As 95,85 sine of 5 1/2° is to 18:: 91706 sine of 6 6/2° to 172 Therefore the true distance acros the pond is | | | |
| | | 172 | rods nearly; continued 12 rods to the check line 20 rods W of the pond & consequently 50 rods W of the termination of the 6 mile Marked the corner on a white maple P 9 R. R 10 W. T N°1. S E & S W. T N° 2 N E & N W. J C R. 1827 The land contiguous to the river is intervale and is | W | | 1 |
| | | | From the corner run | | | |
| S 14° 10 W | | 237 | rods to a pond which communicates with the river at the E end measured at right angles on the shore 8 rods and found the angle on the oppisite shore to be 3 1/4° Then by traverse table Against 3.99 in Dep col is 60,87 in Lat col × by 2 / 121.74 | | | |
| | | | Distance acroft the pond | | | |
| | | 122 | rods nearly, some intervale near the corner otherwise the land is rather stony, with a thick second growth of spruce & pond and encamped. Thursday 30th, continued | W | | 2 |
| 30 | | | | | | |
| S 14° 10 W | | 281 | rods and mk a spruce 4 ll Growth oak and a mixture of ~~hardwood~~ handsome pine timber | W 2 | | 2 |
| | | | Continued | | | |

| Date | Course | Distance | Remarks. | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | 150 | rods to the shore of Penadumcook lake passed between two heavy bodies of pine the most W. and a large track of fine timber extends N.W. on the line is old burnt land - growth mixed and soil poor — | W | | 2 |
| | | | Travelled back to the corner of Nos 1 & 2 of the 9th & 10th ranges & traced the line eastward to the East shore of the river which is — | | | |
| | | 129 | rods E. of the corner run | | | |
| S. | 75 30 E. | 191 | rods & marked a cedar 5 M. & land flat mostly & rocky growth small willows, alder & some larch in the more open parts saw a small glade of pine to the South | | | 4 |
| | | | Tuesday 31st ult continued | | | |
| | | 320 | rods and mkd a birch 4 in. in land flat & boggy — continued | | | 4 |
| | | 3 1/3 | rods to a Road Brook 1/2 rod wide, bypass to rt & lft & mkd a Willow 3 M.R. for description see last mile — | W | | 4 |
| | | 4 | Continued 4 rods. to the brook last mentioned lower down running S.E. | | | |
| | | 144 | Bantin 18 rods to same Brook open down grassy S. & rods to the same brook lower down running E. N.E. continued — | | | |
| | | 157 | rods & mkd a spruce 2 M.R. Low flat and boggy except patches of intervale on the brook — Continued | W | | 3 |
| | | 58 | rods to the same brook running S. E. — continued — | | | |

| Date | Course | Distance | Remarks. | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | 4 | rods to same brook running N.E. Lt | | | |
| | | 16 | rods to same brook running S. E. Lt. | | | |
| | | 242 | rods & mkd a poplar 1 W. nearly the whole distance is bog with some small birches - Continued — | W. | | 4 |
| | | 150 | rods to the shore of Millinawket-pond measured at right angles 20 rods & found the angle with line on an Island was about 1/2° The object could not be plainly distinguished, and the base is too limited to admit of taking so great a distance accurate I shall however return on this line and if necessary transfer the mile marks to trees taking distance from the E. By traverse table calculated the distance at | | | |
| | | 1st | 760 rods — Saturday Sept. 1st | | | |
| S | 75 45 E. | 2 | miles & 112 rods to an island - the pine tree which was the object being 8 rods from the shore of the Island Continued | | | |
| | | 16 | rods across the island leaving about 1/2 acre to the S. & 4 or 5 acres to the N. Measure a right angles 10 rods when the angle made with the object on the opposite shore was 23 3/4° Then by Traverse Table" Against 2.50 in Dep Lat is — 51.94 in Lat Lat × Lt 207 76 Dis to E shore | | | |
| | | 208 | rods nearly - which make two miles & 166 rods | | | |

| Date | Course | Distance | Remarks | Water | Timber | Rates |
|---|---|---|---|---|---|---|
| | | | From the termination of the preceeding 6 miles saw flat land S. W. of the pond similar to that through which the line passes. – There are handsome hardwood swells S. and some pine timber S. E. Where we suppose is the outlet to the N. E. part of the pond. The N. W. part of the pond is bordered long & a hard wood ridge Nearly This islands, which are very numerous are rocky, have a dark growth and some pine timber of an ordinary quality – we have not determined which way the pond is longest – Continued | | | |
| | | 30 | rods to a cove of the pond from the South Continued | | | |
| | | 20 | rods across Continued | | | |
| | | 104 | rods and mark'd a cedar 3 M. & bed surface with thrifty young growth of beech birch and poplar, was probably burnt over 50 or 60 years ago – there is no under brush | W | | 1 |
| | | | Continued | | | |
| | | 320 | rods & mk'd a yellow birch 2 M. & bed some land with a level surface hardwood growth open bottom & red soil | W | | 1 |
| | | 176 | Continued 176 Cts Crossed a small stream running S. W. Cont'd | | | |
| | | 144 | & Marked a large elm B. T. Description the East Mile Cont'd | | | |
| | | 48 | rods to the W. line of R. 7 run by the late C. W. Millan measured northward – 5 rods to the corner of a town ship marked by C. W. Millan. This so nearly corresponds | | | |



| Date | Course | Distance | Remarks | Water | Timber | Rates |
|---|---|---|---|---|---|---|
| | | | with my line that I adopt it for the corner of No 1 and 2 of the 8th range and accordingly run from it | | | |
| | N 76 45 W | | 116 I intercept the line run E. N. to the corner is on a cedar & I mk'd R. & W. T. 1. S. W. & T. 2. N. W. J. C. N. & 1827. | | | |
| | | | Returned on line & transferred the mile marks to trees taking distance from the E. The 1 M. tree one beech, the 2 M. tree on a White birch. Crossed the pond to a point on the N. shore & encamped. | | | |
| 2 | | | Sunday September 2d | | | |
| | | | Travelled North west to the corner of No 2 & 3 of the 8th & 9th ranges mkd on a small pine – R. 8. E. – R. 9. W. T. No 2. S. E. & S. W. T. No 3. N. E. & N. W. J. N. & & J. C. N. & 1827. | | | |
| | | | From this corner Run | | | |
| | S. 75 35 E | 146 | rods to a handsome stream of clear water & sandy bottom 1 rod wide running South Continued | | | |
| | | 22 | rods to a stream 2 rods wide running S. W. The water is very transparent & flows over a sandy & pebbly bottom. It is sufficiently large for mills & there are probably good sites nearer to Katahdin where the descent is very rapid Continued | | | |
| | | 152 | rods & marked a spruce 3 M. & Old burnt land second growth, poplar willow birch spruce larch &c. surface flat & rocky | W. | | 3 |

| Date | Course | Distance | Remarks | Water | Timber |
|---|---|---|---|---|---|
| | | 320 | Continued 320 rods & mkd a poplar 4 M ⊙ | | |
| | | | Old burnt land & lies in moderate ridges but is | | |
| | | | rather stony | | 2 |
| | | | Continued | | |
| | | 100 | rods & encamped | | |
| 3d | | | Monday Sept 3d | | |
| | | | Continued | | |
| | S 75° E | 358 | 220 rods & marked a poplar 3 M ⊙ The land lies | | |
| | | | in very even ridges & has a young growth, prin- | | |
| | | | cipally of hardwood | W | 1 |
| | | | Continued | | |
| | | 320 | rods & marked a poplar 2 M ⊙ | | |
| | | | In this distance passed the N. end of a | | |
| | | | hardwood swell but is rather rocky | | 2 |
| | | | Continued | | |
| | | 88 | rods to a brook 1/2 rod wide running S. Continued | | |
| | | 142 | rods to a stream 2 rods wide running South | | |
| | | | Continued | | |
| | | 90 | rods & marked a poplar 1 M ⊙. For description | | |
| | | | see last mile | W. | 2 |
| | | | Continued | | |
| | | 328 | rods & struck the W. line of Range 7 th 56 | | |
| | | | rods N. of the corner marked by Andrew | | |
| | | | McMillen on a poplar. Marked my corner on a | | |
| | | | stake in the N. part of a small open bog | | |
| | | | Old burnt land & mostly swamp & rocky | | 3 |
| | | | Returned on line 3 miles & encamped | | |
| 4th | | | Tuesday Sept 4th | | |
| | | | From the corner of No 243. 8th 39th | | |



| Date | Course | Distance | Remarks | Water | Timber |
|---|---|---|---|---|---|
| | | | ranges run | | |
| | S 14° W | 320 | rods & marked a poplar 5 M ⊙ | | |
| | | | Old burnt land, even surface, Growth | | |
| | | | poplar willow & white birch | W | 2 |
| | | | Continued 250 rods to a handsome stream 2 | | |
| | | | rods wide running S.E. The shores are lined | | |
| | | | with intervale & a skirt of grass. Continued | | |
| | | 70 | rods & marked a poplar 4 M ⊙. In this | | |
| | | | distance passed over stony ridges, seperated by | | |
| | | | strips of low land & bog | W | 3 |
| | | | Continued | | |
| | | 289 | rods to a bog brook 1 rod wide running E. then | | |
| | | | Continued | | |
| | | 31 | rods & marked a poplar 3 M ⊙ The most of | | |
| | | | this distance is bog from which rise stony patches | | |
| | | | with a small second growth | W | 3 |
| | | | Continued | | |
| | | 320 | rods & marked a W. birch 2 M ⊙ In this | | |
| | | | distance we ascended the N.E. end of a high | | |
| | | | ridge extending about 1/2 mile to the S.E. & | | |
| | | | 2 or 3 miles to the N.W. Mkd the mile | | |
| | | | tree just on the S. east. The soil has been | | |
| | | | rocky & ledgy & the growth mixed | W. | 3 |
| | | | Continued down the S.W. east of the hill | | |
| | | 187 | rods to the N. Shore of Millinocket pond This | | |
| | | | distance rather steep but has a heavy growth | | |
| | | | of hardwood & a good soil | | 1 |
| | | | Encamped | | |

Date | Course | Distance | Remarks | Water | Time | Rate

5th

Wednesday Sept 5th

Could not distinguish any particular object in line on the South shore & make marks at this place that can be distinguished from the South shore. Crossed the pond at the intersection of this line with the creek set a Buoy to be seen from the South Shore & known as the corner of No1 & 2 of the 8th & 9th ranges.

From the line on the south shore measured on an oblique course varying 13½° southward from a right angle 20 rods & found the angle at the Buoy to be 12° then by "Traverse table" against 20 for distance &

is 4.67 Lat.

" 19.45 Dep.

Against 9.77 in dep. col.

is 45.97 in Lat. col.

X 2

91.94

487

87.27

Distance from S. shore to Buoy at the corner is

87 rods nearly Measured still further on a course 8 degrees S. of a right angle with line 20 rods & found the angle with line on the N. shore to be 3¾° Then by "Traverse table"

Departure of first course 19.45

" " 2d " 19 87

3926



date | course | dist | Remarks | water | time | rate

Under 3¾°

against 3.00 in Dep Colm

is 45.90 in Lat Colm

Then 3 : 45.90 :: 3926 = 601—7 departure of the 2d course leaves 594. Distance to N. shore is

594 rods nearly from which take

87 rods Dist to Buoy

507 " remains for the distance from the Buoy to N. Shore to which add 187 gives

694 rods from which take

640

54 remains as an overplus on this line from the S. Shore Run

S. 14° 10' W 232 rods & marked a Poplar ⅄ M R. Burnt land ridges & flats of intervale & may be reckoned W 1

Continued

45 rods to a stream 2 rods wide running E.

It is the same creek several times in runners

Date | Course | Distance | Remarks | Water | Timber | Rate

5th

Wednesday Sept 5th

Could not distinguish any particular object in line on the South shore & make marks at this place that can be distinguished from the South shore. Crossed the pond at the intersection of this line with the creek set a Buoy to be seen from the South Shore & known as the corner of No 1 & 2 of the 8th & 9th ranges.

From the line on the south shore measured on an oblique course varying 13½° southward from a right angle 20 rods & found the angle at the Buoy to be 12° then by "Traverse table" against 20 for distance

is 4.67 Lat.

" 19.45 Dep.

Against 9.77 in dep col.

is 45.97 in Lat. col.

X 2

01.01.

Brought from page 104 at the place marked thus ##

Against 300 in Dep. Col.
is 42.90 in Lat. Col
X 4
171.60

Distance to island is

172 rods nearly

Then From S. Shore of the pond measured at right angles with line to rods & made the angle with the object on the island 7¾° Then by "Traverse table"



date | course | dist | Remarks | water | timber | rate

Under 3¾°

against 3.00 in Dep Colm

is 45.90 in Lat Colm

Then 3 : 45.90 :: 3926 = 601—7 departure of the D course leaves 594. Distance to N. shore is

594 rods nearly from which take

87 rods Dist to Buoy

507 " remains for the distance from the Buoy to N. Shore to which add 187 gives

694 rods from which take

640

54 remains as an overplus on this line From the S Shore Run

S. 14°10'W 232 rods & marked a poplar ⅄ M ⅄. Burnt land ridges & flats of intervale & may be reckoned W 1

Continued

45 rods to a stream 2 rods wide running E. It is the same creek several times in running & Continues

106 rods to a cove of Millinocket pond. Flat land — a cranberry bog contiguous to the pond. W 3

Measured at right angles

12 rods & found the angle with the line at an object on an Island to be 4° Then by "Traverse Table" ## See Steps on opposite page

Against 449 in Dep Col

is 36.66 in Lat Col

X 2

7232

| Date | course | dist | Remarks | water | line | rate |
|---|---|---|---|---|---|---|
| | | | Distance to Island is | | | |
| | | 72 | rods nearly. - Object same as taken from N. shore - Distance across island about 4 rods South Shore of pond is ~~about~~ 75 rods S. of the termination of the mile. Continues | | | |
| | | 245 | rod & marked a poplen 3 M ☒. Hardwood land ~~ceuting~~ to the S & E is | SE | | 1 |
| | | | Continues | | | |
| | | 260 | rods to a brook 1 rod wide running W. Continues | | | |
| | | 60 | rods & marked a whitemaple 2 M ☒ Surface varied & a mixed growth but mostly hardwood | W | | 1 |
| | | | Continues | | | |
| | | 200 | rods Encamped | | | |
| 6th | | | Thursday Sept 6th | | | |
| | | | Continued | | | |
| | | 120 | rods & marked a white Birch 1 M ☒ The surface on this mile is very even being the W. east of a large swete which rises very gradually from the W. The standing growth is hardwood & small Spruces. There is also a fallen growth of Spruce & hemlock | | | 1 |
| | | | Continued | | | |
| | | 234 | rods to a pond. From the S.E. shore measures 14° South of a right angle 8 rods & found the angle at the N. shore to be 4° | | | |
| | | | Then by ~~[illegible]~~ Nat Sines | | | |



| date | course | dist | Remarks | water | line | rate |
|---|---|---|---|---|---|---|
| | | | As 6976 - sine of 4° is 698 | | | |
| | | | So is 95115 - sine of 72° to 109 | | | |
| | | | Distance across the pond is | | | |
| | | 109 | rods nearly. | | | |
| | | | Growth mixed & much fallen spruce & hemlock but a good size | W | | 1 |
| | | | Continues | | | |
| | | 297 | rods & marked a beech 1 M ☒ | | | |
| | | | Growth mixed & considerable pine timber | | 3 | 1 |
| | | | Continues | | | |
| | | 150 | rods to the twin Lake when we knew that we must have passed the Indian line without seeing it. Accordingly divided the crew, a part returning on the line & a part going by water up the shores of the Lakes to look for the line | | | |
| 7th | | | Friday 7th | | | |
| | | | Found the line on the shore of Pemadumcook Lake & where it crosses ours. At the intersection of the lines marked a tree for the corner R. 8 E. R. 9 W T. N° 1 N.B. & N.W. J C N ☒ 1824 This corner is 30 rods N. of our 1 M tree. | | | |
| | | | Measured on Indian line by compass | | | |
| | W | 18 | rods to a corner on a pine tree marked B & C &c Continued 2 miles & 200 rods to the Shore of Pemadumcook Lake | | | |

| date | course | dist | Remarks | water tim. | rate |
|---|---|---|---|---|---|
| | | | There is on this line considerable pine timber | W | 2 2 |
| | | | Moved our baggage up the Lake till in the range line between R 9 & 10 | | |
| | | | From the South Shore could distinctly ~~could distinctly~~ see the object set up in line on N. Shore — | | |
| | | | Measured at right angles 60 rods & found the angle with line on the N. Shore to be 5 1/2° | | |
| | | | Then by "Traverse Table" | | |
| | | | Against 2.91 in Dep Col | | |
| | | | is 209.0 in Lat Col | | |
| | | | Then 201 : 2090 :: 60 = 623 | | |
| | | | Distance across the Lake is | | |
| | | 623 | rods nearly — making from the | | |
| | | | corner 11 miles & 133 rods. Encamped | | |
| | | | ~~Tuesday~~ Wednesday 8th | | |
| | | | Continued | | |
| | S. 14° W | 19 | rods to a shoarn 2 1/2 rods wide running | | |
| | | | N.N.W. into the Lake. It is boatable | | |
| | | | up into a chain of ponds & probably | | |
| | | | large enough to drive logs down | | |
| | | | Continued | | |
| | | 168 | rods & marked a spruce I M ~~X~~ | | |
| | | | The land is very level & free from underbrush | | |
| | | | & has a dark mixed growth & considerable | | |
| | | | pine timber of a smaller size & a | | |
| | | | light mixture of large pine timber | W | 2 2 |



| date | course | dist | Remarks | water tim. | rate |
|---|---|---|---|---|---|
| | | | Continued | | |
| | | 137 | rods to the N. Shore of a pond. Measured | | |
| | | 10 | rods at right angles with the line starting | | |
| | | | from it & rods from the ~~South~~ Shore | | |
| | | | Found the angle with line on the Island | | |
| | | | to be 5 1/2° Then by "Traverse Table" | | |
| | | | Against 4.99 in Dep. col. | | |
| | | | is 51.76 in Lat col. | | |
| | | | X 2 / 1035 2 | | |
| | | | — 3 / 101 | | |
| | | | Distance across ~~the~~ pond to island is | | |
| | | 101 | rods nearly For description see last mile | W | 2 2 |
| | | | Continued across the Island | | |
| | | 11 | rods. Measured at right angles 10 | | |
| | | | rods & found the angle on S. shore to be | | |
| | | | 13 3/4° Then by "Traverse table" | | |
| | | | Against 3.00 in Dep col | | |
| | | | is 97.96 in Lat Col | | |
| | | | Then 300 : 97.96 :: 10 = 326 — | | |
| | | | Distance to SW. shore & | | |
| | | 326 | rods nearly & 235 rods S of the 6th mile | | |
| | | | On the S W shore of the pond found a | | |
| | | | line which we supposed to be the N. | | |
| | | | line of the Indian Townships | | |
| | | | P line on the shore of the pond bears from | | |
| | | | Range line on S. shore 20° Westward of Range | | |
| | | | line course then — 6 rods Southwest | | |
| | | | measured at right angles 10 rods & | | |

| date | course | dist | Remarks | water | hm | water |
|---|---|---|---|---|---|---|
| | | | Found the angle at supposed Indian line to be 8½° Then by "traverse table" Against 10.05 in Dep Col. is 67.25 in Lat Col — 6 — 61 | | | |
| | | | Again under a course of 20° against 61 in column of distances is 20.36 in dep. Col. Sotheat from the range line on the South shore to the Indian line on the W. shore is | | | |
| | | 61. | rods nearly to the range line passes about | | | |
| | | 20 | rods E. of sd Indian line on the W. shore. Measured on sd Indian Line | | | |
| W. | | 210 | rods to a large deep stream 4 rods wide running N. or S. The W. 136 rods was in an open meadow. We could not cross the stream to ascertain whether the line crossed | | | |
| | | | Returned to south shore of pond & continued | | | |
| S. 14° W | | 63 | rods to a marked a poplar 5 M ⊗ Old burnt land & very rocky. Grows to W Birch, W maple & small pines. Continued | W | | 3 |
| | | 53 | rods to the N shore of a pond. Measured 33° N. of a west angle 8 rods where the angle with line on the point was 3½ then. By Nat. Sines 3½ : 8 :: 5 : 3½ 6105 = 8 : : 80338 = 105 | | | |
| | | 105 | Distance to point is rods nearly | | | |



| date | course | dist | Remarks | water | hm | water |
|---|---|---|---|---|---|---|
| | | | Then on S. W shore measured Northward 30½° W of the course of line 29 rods thence 36½° W of do. 26 rods & found the angle with line on the point to be 6½ Then by traverse table | | | |
| | | | Lat. 24.99 + 20.90 = 45.89 Dep. 14.72 + 13.47 = 30.19 | | | |
| | | | Against 600 is 5266 | | | |
| | | | Then 600 : 5266 :: 3019 = 265 + 46 = 311 | | | |
| | | | Distance to the point is | | | |
| | | 311 | rods nearly — 12 rods across point but included in the given distances. Encamped & found the variation to be 14° | | | |
| 9th | | | Sunday 9th | | | |
| | | | Continued | | | |
| S. 14° W. | | 171 | rods & marked a spruce 3M ⊗ The land is poor but produces some handsome red & white pine suitable for ranging timber Continued | W | 3 | 3 |
| | | 320 | rods to a white birch marked 2M ⊗ Old burnt land, grows principally W Birch | W | | 3 |

| 11 Slate | Course | Distance | Remarks | Water | Timber | Title |
|---|---|---|---|---|---|---|
| | | | Continued | | | |
| 48 | | | rods to a sharp curve of a pond | | | |
| | | | Continued | | | |
| 5 | | | rods across | | | |
| | | | Continued | | | |
| 21 | | | rods to the shore of the pond started here by a glade of pine timber | | | |
| | | | Continued | | | |
| 4 | | | rods into the pond then measured at right angles | | | |
| 14 | | | rods and found the angle on the S. shore to be 1¾° Then by Traverse table | | | |
| | | | Against 3.00 in Dep. Cols | | | |
| | | | to 97.96 in Lat Cols | | | |
| | | | Then 3.00 97.96 : 14 = 457 +4 = 461 distance | | | |
| | | | from N. to S. shore is | | | |
| 461 | | | rods nearly | | | |
| | | | Continued | | | |
| 105 | | | rods & mkd a poplar 6 M ⊗ Old burnt land and rocky | W | 3 | |
| | | | Continued | | | |
| 320 | | | rods & Mkd a poplar 1 M ⊗ on the N side surface varied with a mixed growth of hard wood spruce cedar & fir & on the higher parts W Birch Willow &c | | | |
| | | | Continued | W | 2 | |
| 120 | | | rods & Encamped | | | |



| date | course | dist | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| 10th | | | Monday Sept. 10th | | | |
| | | | Continued | | | |
| | S 14° W | 200 | rods & mkd a cedar 2 M ⊗ The land ascends mostly to the W and has a mixed growth. About ½ is old burnt land | | 2 | |
| | | | Continued | | | |
| | | 320 | rods & marked a Willow 3 M ⊗ For description see last mile except a growth of alder in the lowest sections | | 2 | |
| | | | Continued | | | |
| | | 320 | rods & marked a brown ash 4 M ⊗ The land is flat & rocky & has a thick growth of alder, cedar & spruce which has risen since the sweeping fire which overran a large region of the Penobscot country | | 4 | |
| | | | Continued the line | | | |
| | | 160 | rods, when presuming that the N. line of the 9th range must have been crossed by my line I mkd. a poplar ⊗ & after searching for some distance to the South, steered N 45° W | | | |
| | | | Continuing to look for the line of the 9th Range There is however but little prospect of finding it because the growth which was then standing has since been entirely prostrated & mostly consumed by fires Travelled about 2 miles over old burnt land of a poor quality & encamped by a stream of clear water well stored with trouts. We caught about 40 which ~~were as~~ in a few minutes which were as | | | |

| Date | Course | Dist. | Remarks | water | Tim. | rate |
|---|---|---|---|---|---|---|
| | | | many as we could carry in addition to our former loads | | | |
| | | | Tuesday Sept 11th | | | |
| | | | Continued N. Westerly over old burnt land about 4 miles to Pleasant River branch. a short distance below the range line. followed up to Range line then N. to the corner mkd on a spruce The Township which we have travelled through diagonally is mountainous & will perhaps be of less value than any other on the tract There are however some patches of tolerable land on the sides of some of the Mountains & a part of the old burnt land of fair might be reckoned There is a fringe of pine timber along a part of the W. line & some contiguous to Pleasant River & this will probably be of more value than the settling land | 2 | | | |
| 12th | | | Wednesday 12th | | | |
| | | | Travelled W. on check line 6 miles to the corner then travelled N.W. 3 miles over flat land of the 2d & 3d quality but well timbered with pine intermixed with large spruces & small cedars Encamped | | | |
| 13 | | | Thursday 13th | | | |
| | | | Continued N.W. about 5½ miles to the corner of T. A & No 1 of the 12th & 13th Ranges The first 2 miles on the E cent of the hardwood swell of tolerable land then 2½ miles of hardwood & clark growth alternately | | | |



| Date | Course | Dist. | Remarks | water | Tim. | rate |
|---|---|---|---|---|---|---|
| | | | passing between high Spruce hills to the right & left The last mile is well timbered with pine crossed a stream 2 rods wide running W From the corner Run | | | |
| | S. 76° 10' E | 62 | rods to a stream 2 rods wide running S.W. & is the same crossed before. It would require some cleansing out to drive logs down. Continued | | | |
| | | 256 | rods to the S. Shore of a pond. The land has been level with a dark growth principally large Spruce & some pine timber of a smallish size but poor quality Encamped | W | 3 | 2 |
| 14th | | | Friday 14th Sept | | | |
| | | | Erected a temporary monument & built a fire to be seen from the South shore & travelled around the South side of the pond. From the South shore could distinguish the Monument near the fire & mkd the line on the shore then measured on the Pond shore 28° N. of the reversed course of our line 8 rods thence 46° N. of do 31 rods Then took the bearing of Monument in line on W. shore & found the angle with line to be 2¼° Then | | | |
| | | | 7.06 Dep. 21.53 = 28.59 ; 3.76 Lat. 22.30 = 26.00 | | | |
| | | | Against 2.00 is 5096 × 2606 ÷ 200 = 664 + 28 = 692 – Distance across pond | | | |
| 692 | | | rods nearly & E shore is 50 rods E. of the B mile | | | |

| Date | Course | Dist | Remarks | water | tim | vel |
|---|---|---|---|---|---|---|
| | | | A deep uneven cove extends Eastward & to continue the oblique courses around this would give an angle on the W. shore of about 4° but several courses would have to be taken & the Departure would be so disproportioned to the Latitude that the required distance might not be so accurately taken as from the two courses & distances which have been very precisely taken The land rises from the pond W. here a growth of hardwood & is a good tract for settling. E & N. the land is flat & has a growth of Spruce & considerable pine timber apparently a heavy tract. The weather being stormy we encamped | | | |
| 15th | | | Saturday Sept. 15th | | | |
| | | | Continued | | | |
| S 76° 10' E. | 198 | | rods to the shore of a pond in a Bog. Measured at right angles 4 rods & found the angle on the opposite ~~side~~ shore to be 5° Then | | | |
| | | | Against 4.01 is 45.82 | | | |
| | | | Distance across pond | | | |
| | 45 | | rods nearly. The Land is quite level & has a handsome growth of Spruce & some large pine timber | W | 2 | 4 |
| | | | Continued | | | |
| | 273 | | rods to a stream 1 rod wide running N.N.E. It is the outlet of the small pond which we crossed & between which & here | | | |



| Date | Course | Dist | Remarks | water | tim | vel |
|---|---|---|---|---|---|---|
| | | | We think there is another pond. The stream probably runs into the pond crossed by the R. line The land has been flat & boggy with a growth similar to the preceding mile except the pine is not so plenty nor so large | W | 3 | 4 |
| | | | Continued 41 | | | |
| 404 | | | rods to the Range line 38 rods South of the Spruce mkd. 6 M ☓ | | | |
| | | | This mile has been quite level but heavier than the preceding Growth Spruce & a good mixture of pine | | 1 | 3 |
| | | | At the intersection of the lines, mkd the corner on a small W. Birch R. 11 E. - R. 12 W. T. A. S. & S.W. - T. N° 1 N. & N.W. J.C.N ☓ 1827 | | | |
| | | | Note - on the line above described, the 2 M tree was not mkd & the 1 M tree was mkd 60 rods too far W. by a mistake of the chainmen. Encamped | | | |
| 16th | | | Sunday 16th | | | |
| | | | The weather being rainy remained in camp | | | |
| 17th | | | Monday 17th Sept. | | | |
| | | | From the W. Birch corner last mkd Run | | | |
| S. 76° 5' E. | 320 | | rods & mke a y. Birch 5 M ☓ | | | |
| | | | Land flat & mostly rocky. Growth spruce fir & a few pines | | | 4 4 |
| | | | Continued | | | |
| | 92 | | rods to a brook 1/2 rod wide running N. | | | |

| date | course | Dist | Remarks | water | tim. | rate |
|---|---|---|---|---|---|---|
| | | | Continued | | | |
| | | 228 | rods & mkd a Spruce 4 M ⊗ For description see last mile | W | 3 | 3¼ |
| | | | Continued | | | |
| | | 320 | rods & marked a y. Birch 3 M ⊗ Land cants S. towards a pond which we came opposite to soon after leaving the 4 M tree Growth mixed but mostly dark. soil abounds with large rocks | | 3 | 3 |
| | | | Continued | | | |
| | | 141 | rods to the N. shore of a pond. Travelled round to the object in line & measured at right angles 6 rods & found the angle to be 2½° then Against 1.00 is 22.98 × 6 = 138, Distance acrost pond is | | | |
| | | 138 | rods nearly making from the 3 M tree 279 rods. We think the brook crossed on the line is the outlet | | | |
| | | | Saw a hemlock mixture of pine timber S & W. of the pond. Continued | | | |
| | | 41 | rods & marked a Spruce 2 M ⊗ The land is composed mostly of large rocks, growth Spruce & some pine of a poor quality | W | 4 | 4 |
| | | | Continued | | | |
| | | 122 | rods to the N. shore of a pond. Measured at right angles 6 rods & found the angle with the object on the S. shore to be 5° Then Against 6.02 is 68.74 | | | |



| Date | course | Dist | Remarks | water | tim | rate |
|---|---|---|---|---|---|---|
| | | | distance acrost pond is | | | |
| | | 69 | rods nearly Saw some scattering pine timber of a poor quality south of the pond | | | |
| | | | Continued | | | |
| | | 129 | rods & mkd a yellow birch 1 M ⊗ For description see last mile except the pine is of a better quality | W | 3 | 4 |
| | | | Continued | | | |
| | | 310 | rods to a streem 1 rod wide running S 88° over a smooth ledge bottom Continued | | | |
| | | 2 | rods to the range line on the N. shore & 32 rods S of the hemlock mkd 6 M ⊗. Mkd the corner at the intersection of the lines on a Spruce R. 10 E. R. 11 W - T. 4 S. E. & S. W - T. N° 1 N. E. & N. W. J C N ⊗ 1824 The land cants a little to the E with a dark growth & a mixture of Pine | W | 3 | 3 |
| 18th | | | Tuesday 18th Run | | | |
| | S. 76° E. | 112 | rods to a brook ½ rod wide running S. E. Continued | | | |
| | | 208 | rods & marked a Spruce 5 M ⊗ Land descends E. & has a dark growth & a heavy mixture of pine of a good quality | W | 1 | 3 |
| | | | Continued | | | |
| | | 320 | rods & marked a y. Birch 4 M ⊗ Land cants mostly cants E & growth dark | | 2 | 3 |
| | | | Continued | | | |
| | | 136 | rods to a pond in a bog. Measured at right angles 4 rods & found the angle on opposite to be 7° | | | |

| Date | course | dist | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | Then against 402 is 3275. Distance across pond is | | | |
| | | 32 | rods nearly. Continued | | | |
| | | 132 | rods & mkd a poplar 3 M ~~R~~ | | | |
| | | | Sand flat & rocky growth mostly cedar & some Larch | W | | 4 |
| | | | Continued | | | |
| | | 320 | rods & mkd a Spruce 2 M ~~R~~ Old burnt land growth poplar Willow & some W. Birch | | | 4 |
| 19th | | | Wednesday 19th | | | |
| | | | Continued | | | |
| S. 76° E. | | 180 | rods to the pond crossed by the R. line cannot distinguish the objects in range line on either shore but the check line strikes the pond as near as can be estimated & we think the measure would nearly coincide. For description see last mile | W | | 4 |
| | | | Travelled southward to ascertain something further respecting the lines of the Indian Townships. Ascertained that the line did not cross the stream in the W. side of the Bog but could not find a corner or any traces of a line in the bog. Could not cross the stream to look for the N. & S line & returned to the pond — Crossed & arrived at our deposit of provisions on the shore of Pemedumcook Lake same day | | | |



| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| 20th | | | Thursday 20th | | | |
| | | | Again started in search of the Indian lines went with a batteaux up the stream into the pond further South and searched in the ~~stream upon~~ growth ~~on~~ each side of the stream for the W line but did not find it. The corner was probably set in the bog and has since fallen down and perhaps floated away. It should be further stated that the growth of the stream was unfavourable for finding the line if well mkd in running our range line. However we also looked very closely for the W or S line without finding either cross the pond and found a line on the E shore corresponding with that on the W so it is undoubtedly the Indian line but the distance which it extends W. of the R line cannot be ascertained from this vicinity and were it to make any further search should trace the E line of the Indian Townships W. & then the W line North. Ido not think however that the object would be worth the pains because from the record of the survey of the Indian Townships it can be ascertained how far the R line extends W. of the Pond & of the stream how far and thus it may be determined how much the Indian Townships deduct from those in the 9th & 10th Ranges | | | |

| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | which is the point at issue | | | |
| | | | Returned down the Stream to our depot of provision on the Shore of the Lake & encamped | | | |
| 21st | | | Friday 21 | | | |
| | | | The weather was rainy and we remained encamped | | | |
| 22 | | | Saturday 22 | | | |
| | | | Our survey being completed we embarked on board the batteaux and started down river for Bauge at which place we arrived on the 27th During our rout the weather has been unfavourable and we have had a fair supply of water for boating. the tract was so insolated as to afford an excellent chance for conveying our supplies to the different parts of the survey We carried a Gun & ammunition and fishing lines & with which we were took plenty of fish and fowl and from our proximity to boatable waters were at all times well supplied with provisions the above survey made in August & September 1827 | | | |
| | | | Joseph C Norris Surveyor | | | |
| | | | Michael Mann of Eddington } Chainmen | | | |
| | | | Daniel Smith of Wade } | | | |
| | | | George W Work of Cowland Spotter & | | | |
| | | | Isaac Taylor of Winthrop Rangeman | | | |



| Date | Course | Distance | Remarks | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | Note. In the foregoing minutes under date of the 22d August is a record of an attempt to correct the W line of R 11th but at length it was relinquished & Range 11th was supposed to be its proper width & the W line a correct one and consequently No 3 in said range which was surveyed in March was reconed as being too narrow which was attributed to the extreme roughness of surface on this particular Township. But in the further progress of the survey It was found that the Townships laid out in March uniformly fell short of our measure to about the same amount of No 3 in the 11th Range (which was the Township referred to) so that this Township is narrow compared with our measure but is an average width with those E of it in the same chain | | | |
| | | | All the remaining Range lines were run S from the corners so that the ranges are of an equal width except R 11 as to No 3 which by Gauge measure on the S. lines on the N. is 53 rods wider than it would have been had the line been run S from the corner made in March & Range 12th is lessened in width to the same amount This was proved by the measure on the S line of No 2 and would probably have been further confirmed by the measure on the South line of No 1 had not an attraction | | | |

## Remarks

of the needle prevented taking the distance across the pond accurately.

In making the survey on March I carried the hundred of the chain & endeavour ed to make as correct measure as possible for a base for my survey South the future Survey North & I think that such Townships is equal in width to 6 miles of horizontal measure.

Dated at Monmouth
23 October 1897
Joseph C. Norris



| Date | course | dist | Remarks | W. rate | Timr. rate |
|---|---|---|---|---|---|
| | | | The foregoing are the minutes of the survey of certain Townships, parts of Townships & tracts of Land lying in the vicinity of Moosehead & Chesuncook Lakes as made on the earth by H. Rockwood, Joseph C. Norris & myself the present year & the following may be taken for a fair description of each so far as we could judge from a view of them from the exterior lines & other favorable situations Viz | | |
| No 1 | Range 1st | | contains 4405 acres of 2d rate land for settling. Is well watered by the Moose river & Lake & Baptiste pond & for timber of the 3d class the pine having been mostly taken off. | W. 3. | 2. |
| No 2 | Range 1st | | 4770 acres. It is also 2d rate settling land. watered by the same river & is about 2d rate for pine timber | W. 2 | 2 |
| No 1 | Range 2d | | contains 19284 acres of 2d rate soil for settling, is well watered by the Lake, the Great Baptiste River & pond & the Tomhegan, Socatarem & Baker Rivers & is a timber tract of the 1st class | W. 1. | 3 |
| No 2 | Range 2d | | contains 22968 acres of 1st rate soil for settling & is watered by the Great Baptiste River & pond & some of the branches of Moose river & is a timber Township of the 1st rate | W. 1 | 1 |
| Township No. | Range 3d | &c. | 14,068 acres of 2d Rate Land. Is watered by the Lake & some small inlets. Is a lumber township of the first rate | W. 1 | 2 |
| No 2 | Range 3d | | contains 26880 acres of land of the 2d rate both for settling & timber. Is watered by Tomhegan Pond & river, several branches of the Moose river, the Parsnip stream & other branches of the Penobscot river | W 2 | 2 |
| No 2 | Rang 4th | do | 18168 acres of land of the 2d rate for settling & is finely watered by numerous branches of the Penobscot River upon which there is abundance of excellent meadow & is a timber Township of the first 2d class | W 2d | 2d |

| State | course dist | Remarks | water | time | water |
|---|---|---|---|---|---|
| No 3 | Range 14th | do 43023 acres of 1st rate land both for settling & for timber & watered by the Moosehead Lake, Malahamkeag pond & river & the Penobscot river & presents some fine intervales | W | 1 | 1 |
| No 1 | Range 14th | The 72 rod strip lying between Plymouth & Attean contains 864 acres of land & is watered by the Penobscot River | | | |
| Town X. | R. 14th | contains 5778 acres of Land of the 2d rate for settling but is a timber tract of the 3d class. Is watered by Malehemeag ~~lakes~~ mountain | W | 3d | 2d |
| No 1 TA on next page | R. 14th | contains 23941 acres of land of the 1st rate for settling. It is watered by Moosehead Lake ~~Umcumpus~~ Roach River & a no of small streams & Beaver stream with part of a small pond ~~on the W. line it is a timber tract of the 2d rate but is mountainous~~ | W | 2 | 1 |
| Town 1 | 2. | contains 17925 acres of land of the 3d rate for settlement but 2 rate for timber. Is very broken & mountainous. It is watered by the Lake & 2 small ponds | W | 2 | 3 |
| No 1 No 2 TA on next page | Range 13 | 25776 acres is 1st rate soil for settling. It is watered by branches of the Roach river water of the ~~Pe~~ Kennebec ~~river~~, a No. of small ponds & tributaries of the Chesuncook Lake & is a timber township of the 2 class - a mountain on this line | W | 2 | 1 |
| No 3. | Range 13 | 21920 acres is of the 2d ~~rate~~ for settlement but 1st rate for timber It is finely watered by several small ponds, the Caribou & a small part of Chesuncook Lakes & some small streams | W. | 1 | 2 |
| The | small point | near the S. end of Moosehead Lake, N. of the Seco Ceeley grant contains about 10 acres of 1st rate timber land & 2d rate soil W by Lake. | W | 1 | 2 |
| The | 3 small points | near the last mentioned & E. of Bingham's E. line contains 532 acres of 2d rate land for settling & timber. It is watered by the Lake - | W | 2 | 2 |
| | Seven Bear point | lying E. of Taunton & Raynham grant contains 475 acres of 3d rate timber land but 1st rate soil watered by the Lake | W | 3 | 1 |



| Date | course dist | Remarks | water | time | water |
|---|---|---|---|---|---|
| | | That part of the territory lying surveyed by us lying E of that which I have already described were mostly surveyed by I C. Norris & will be described by him & entered hereafter | | | |
| | | The following may be taken for a fair description of all the Islands of any consequence in Moosehead Lake belonging to Massachusetts & Maine viz Mt Kenic or Flint mountain on the E shore of the Lake is a Peninsula nearly separated from the main by water. The narrow isthmus is chiefly pond & bog — It contains 1130 acres of 2d rate land both for pine & oak timber as well as for farming | W | 2 | 2 |
| | | The perpendicular height of this mountain is about 700 feet the S.E. is the highest part It is excellent flint stone & seem to be fine for Lime | | | |
| No 2 | Range 13 | 21824 acres same rate of land as No 1 - in point of timber & soil & nearly similarly watered - One mountain on the W. line | W | 2 | 1 |
| JA | Range 14. | 42204 of 2d rate land for setting & timber, it is watered by the Moose head Lake, Spencer pond & Roach river & a No of small streams, but is mountainous | W | 2 | 2 |

128 S.
2.

| Date | Course | Distance | Remarks. | Water | Timber | Rate |
|---|---|---|---|---|---|---|
| | | | The small Island at the entrance of the N. Cove contains 10 Acres | W | 2 | 3 |
| | | | The small one 2 M. E in Sandy Bay is about the same size 10 A. good hardwood land | W | | 1 |
| | | | Farm Island contains 980 A. of 1st Rate Land for farming and 2nd Rate for timber | W | 2 | 1 |
| | | | Sandbar Island contains 60 Acres of 2nd Rate for farming & timber the same injured by fire | W | 2 | 2 |
| | | | Deer I. N.E. point E. Binghams E.L 250 acres of 1st rate land both for Cultivation and timber | W | 1 | 1 |
| | | | do. S.E. do E. Binghams 50 Acres 1st Rate land for farming | | | |
| | | | Moose Island lying E. of Binghams E.L. Contains - 514 Acres of farming land and some very good pine timber | W | 2 | 1 |
| | | | Sugar Island contains 4950 Acres of 1st rate farming land it lies very handsome for tilling and is pleasantly situated in the lake, being near the Maine Land. it is 2nd rate for Pine Timber | W | 2 | 1 |
| | | | that part of Hogback Island lying N. of Binghams N.L. Contains 8 acres of 1st Rate timber land being thick covered with green Norway pine soil 2nd Rate | W | 1 | 2 |
| | | | the 12 small islands near the S. end of the Lake contains about 24 Acres of 3d Rate land but 1st Rate for timber | W | 1 | 3 |
| | | | the Cluster of small Islands in Libby Cove and beaver Creek Contain about 65 acres of 3d Rate soil but are generally covered thick with a short growth of pine, and Spruce with short Cedar | W | 2 | 3 |

## Remarks

which is ~~[illegible]~~ toward the S.W.C. There is some land on the Range E&L suitable for pasturing but is too steep and rocky for tillage This Township is of the 4 Class W 4

### Range 10th

Township A Watered by a branch of Pleasant River and the Chain of Ponds which outlet in to Pemadumcook Lake, there is a handsome lot of pine timber at the N.W.C and in the vicinity of good streams for driving it down there is also nearly the same amount of timber contiguous to Pleasant river and some scattering trees on the E.L. it is a timber Township of the 3 Class W 3 4

No 1 Watered by Pemadumcook lake and a large stream flowing into it and several ponds and other streams, The large stream is a very favourable one for driving down timber the bottom lying smooth and the bank sufficient to allow a rise of water. There is a tract of pine N of the Lake, some on the S.L. a fair mixture on the W.L and a heavy growth S of the stream seen in passing up and down, It is a timber or settling Township of the 2 Class W 2 2

No 2 Watered by the Penobscot River and several ponds and tributary streams, There is a fair mixture of pine timber along the N.L which is handy to the River a little distance from the river on the either side are high parallel ranges of hills composed of Rock and Sealy, Beyond these broken ranges are some tracts of good tillage land and there are strips of interval and meadows of Grass on the shores of the Rivers It is a settling Township of the second or a timber Township of the 3 Class W 3 2

No 3 Watered by the Penobscot River and branches, Mt Katahdin and other mountains westward occupy nearly the whole of the Township. On the south side there is a fair mixture of pine. It is a Township of the third Class for settling and for timber W 3 3

Date | Source | Distance | Remarks | Water | Timber | Rate

### Range 11th Township B. Watered by Pleasant river Pond and branches. A range of Mountains extends through the centre of this Township from the east to the W.L and S of this Range of Mountains is old burnt land of a poor quality from the Mountains N to the N.L. is almost an entire tract of pine timber the stream has a plenty of water for the purpose of driving but the banks do not confine it so as sufficiently to flow all the large rocks with which the channel abounds, some of the most prominent ones might be blown and a good channel made for driving down this valuable timber There is also good settling land on the N.L. it is a settling township of the third or a timbered township of the first Class W 1 3

Town'p A Watered by Pleasant river branch several ponds which outlet into ponds or lake a small pond which outlets into Moosehead Lake this township is elevated and somewhat hilly especially on the E line there is a heavy growth of pine on the S and W lines some on the E.L a fair Mixture on the W.L. A part of this timber might go down Pleasant river and a part into Pemadumcook Lake, It is a settling Township of the second or a timber Township of the first Class W 1 2

No 1 Watered by several streams flowing into the Penobscot there is a good mixture of pine timber on all the lines and the streams afford channels for driving it down it is a settling or timber Township of the second Class W 2 2

No 2 Watered by ponds and streams tributary to the Penobscot two good mill sites were seen near the N.W.C. This Township is heavily timbered especially the west half the land is rough and hilly it is a timber Township of the first class and a settling Township of the 3 rate W 1 3

Remarks

Water / Timber / Rate

No 3 Watered by the Penobscot river and a large pond crossing the N line the N.W. Quarter is good farming land otherwise the surface is rough and the soil rocky the S and W. lines are well timbered, it is a settling & timber Township 1 the 2 Class W 2 2

Range 12th " Township A. Watered by Spencer Bay stream & ponds & and by a streams running into Penobscot and Pleasant rivers the S and E Ls. die well timbered and there is a mixture on the N and W Ls. this township is quite hilly on the high hills is a very handsome growth of spruce it is a settling & timber Township of the 2 Class W 2 2

No 1 Watered by ponds and streams flowing into Moosehead & Caribou Lakes and the Penobscot River, those flowing into Caribou lake and Roach River are sufficiently large for drawing timber it is probably the cheapest township of any on the Tract and heavily timbered for settling & for timber 1st W 1 2

No 2 Watered by Caribou Lake and a large stream and its branches flowing into it and a pond which outlets & through a course of ponds into Penobscot river this is probably better timbered than any other Township on the tract and the streams are sufficiently large for driving &. for timber is a first Rate

No 3 Watered by Caribou Chesuncook & Pepogamus (W 1 2) Lakes through which the Penobscot flows there is also a large stream coming into Chesuncook from the N this is a first Rate Township for settling & timber. W 1 1

General Remarks

The foregoing described tract of territory taken together is a very fine timber ~~country~~ presenting more valuable pine timber than any tract of equal



extent which we have before surveyed. It is also remarkably well watered by the different large lakes the Penobscot River and numerous other rivers and streams flowing into them the most of which afford a sufficient depth of water to convey the timber to the most convenient & profitable markets the W ½ of the tract is mostly fair settling land and is much better than the E ½ that being very Mountainous and broken and much injured by being repeatedly burnt over. The different waters on this tract abound with the various kinds of fresh water fish Moosehead lake which is the largest body of fresh water in the State the Salmon trout are taken weighing from 30 to 40 lbs each.

## Timber

There is but little oak timber of any kind on this tract the most apparent amongst the dark growth is pine also much spruce, some cedar hemlock & fir the hardwood growth consists of white and yellow birch sugar and white maple beech and white Yellow and Brown ash

We have found no person settled on this tract although we think the time is not far distant when settlements will be commenced about the Moosehead lake as settlements have already been made and are making within a few miles of the lake a little farther S. and W.

I hereby certify that I was employed on the first of March last by Joseph Norris Esquire to help him in Surveying a tract of land lying S of the Monument line & N of the

I

of the former located lands in the vicinity of Moosehead lake and the Penobscot waters as described in his Instructions from the Land Commissioners of Massachusetts and Maine that from the 5th of March last I was out with him about 6 weeks and afterwards he as chainman on said tract. That from the 21st of July last on the same tract as Surveyor about 65 days and that since returning to Monmouth I have assisted him in making out his original plan and have copyed the minutes of that part of the survey made by me into this, being his original field Book which he carried into the woods and that that part of the minutes in this record to which I have put my signature is a true copy of my own & in as much as a considerable part of the woods lines on the W half was run by me he the said Joseph did advise with me in making out his general descriptions of the townships and tracts together with his ~~original~~ perusal

Monmouth Oct 24 1827

Hiram Rockwood. Surveyor

The foregoing are minutes of a survey made by Joseph Norris Esq & Joseph & Norris & Hiram Rockwood under his direction & returned to the commissioners under the act providing for the separation of Maine from Massachusetts with the plan by which a division of lands is made between the two States

Portland Nov 7 1827

George Bliss
Benj. J. Porter
Chas. Turner
Reed Williams
Silas Holman
Daniel Rose

Attest

James L Child
Secretary.

## Corners of Townships

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Range 8 | | | | | | | | | |
| S.E. | 6 | No 1 | a | | N.E. | 6 | No 3 | a | Y. birch |
| N.E. | 6 | " " | a | cedar | N.W. | 6 | " " | on a | Mr. |
| N.W. | 6 | " " | in a | pond | S.E. | 6 | " " | a | Spine |
| S.W. | 6 | " " | a | trees | S.W. | 6 | " " | a | W birch |
| N.E. | 6 | of No 2 | a | stake | Range 8 & 9 Township A | | | | |
| N.W. | 6 | " " | in a | point | N.E. | 6 | of A | a | |
| S.E. | 6 | " " | a | cedar | N.W. | 6 | " | a | [illegible] |
| S.W. | 6 | " " | in a | pond | S.E. | 6 | " | a | |
| | | | | | S.W. | 6 | " | a | [illegible] |
| S.E. | 6 | of No 3 | a stake | | | | | | |
| S.W. | 6 | | a pine | | Range 10. N.E. 6 of A | | | in a | pond |
| N.E. | 6 | | a | W birch | N.W. | 6 | " | a | spruce |
| N.W. | 6 | | a | Y birch | S.E. | 6 | " | a | |
| | | | | | S.W. | 6 | " | a | spruce |
| Range 9th | | | | | | | | | |
| N.E. | 6 | of No 1 | a | pond | S.E. | 6 | of No 1 | in a | pond |
| N.W. | 6 | " " | a | W maple | N.E. | 6 | " | a | W maple |
| S.E. | 6 | " " | a | tree | N.W. | 6 | " | a | spruce |
| S.W. | 6 | " | a | pond | S.W. | 6 | " | a | spruce |
| S.E. | 6 | of No 2 | in a | pond | N.E. | 6 | of No 2 | a | W birch |
| N.E. | 6 | " " | a | sm pine | N.W. | 6 | " | a | spruce |
| N.W. | 6 | " " | a | birch | S.E. | 6 | " | a | W maple |
| S.W. | 6 | " " | a | W maple | S.W. | 6 | a | a | spruce |

# Corners of Townships

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Continuation of Range 10 | | | | | Continuation of R 11 | | | | |
| N.E. | 6 | of No 3 | | on W. | Katchebon | S.E. | 6 | of No 3 | a spruce |
| N.W. | 6 | a | " | on a | Mtain | N.E. | 6 | " | " on a Mtain |
| S.E. | 6 | " | " | a | birch | N.W. | 6 | " | " a beech |
| S.W. | 6 | " | " | a | spruce | S.W. | 6 | " | " in a Pine |
| Range 11 | | | | | Range 12 A | | | | |
| N.E. | 6 | of B | | a | spruce | S.E. | 6 | | a Ybirch |
| N.W. | 6 | " | | a | Spruce | N.E. | 6 | | a W birch |
| S.E. | 6 | " | | a | spruce | N.W. | 6 | | a spruce |
| S.W. | 6 | " | | a | | S.W. | 6 | | a spruce |
| N.E. | 6 | of A | | a | spruce | S.E. | 6 | of No 1 | a W birch |
| N.W. | 6 | " | | a | W birch | N.E. | 6 | of " | a spruce |
| S.E. | 6 | " | | a | spruce | N.W. | 6 | | a beech |
| S.W. | 6 | " | | a | Birch | S.W. | 6 | | a spruce |
| N.E. | 6 | of No 1 | | a | spruce | S.E. | 6 | of No 2 | a spruce |
| N.W. | 6 | " | | a | spruce | N.E. | 6 | | a pine |
| S.E. | 6 | " | | a | spruce | N.W. | 6 | a / | o beech |
| S.W. | 6 | " | | a | W birch | S.W. | 6 | | a beech |
| N.E. | 6 | of No 2 | | a | spruce | S.E. | 6 | of No 3 | a pine |
| N.W. | 6 | " | | a | pine | N.E. | 6 | " | a beech |
| S.E. | 6 | | | a | spruce | N.W. | 6 | " | in a lake |
| S.W. | 6 | | | a | spruce | S.W. | 6 | " | a beech |

# Corners of Townships

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Range 13 & 14 | | | | | | Continuation of Range 14 | | | |
| S.E. | 6 | of A. No 2 | | a | spruce | S.E. | 6 | of No 1 | a birch |
| N.E. | 6 | | " | a | spruce | N.E. | 6 | " | a W birch |
| N.W. | 6 | | " | a | cedar | N.W. | 6 | " | a Ybirch |
| S.W. | 6 | | " | a | W birch | S.W. | 6 | " | an ash |
| S.E. | 6 | of A | | a | spruce | S.E. | 6 | of X Range 14 | a W birch |
| N.E. | 6 | " | | a | spruce | N.E. | 6 | | a beech |
| N.W. | 6 | " | | a | Ash | N.W. | 6 | | in a pond |
| S.W. | 6 | " | | a | Cedar | S.W. | 6 | | a Ybirch |
| Range 13 | | | | | | same Range | | | |
| S.E. | 6 | of No 1 | | a | spruce | S.E. | 6 | of No 3 | a beech |
| N.E. | 6 | " | | a | beech | N.E. | 6 | " | a Y Birch |
| N.W. | 6 | " | | a | Maple | N.W. | 6 | " | a W birch |
| S.W. | 6 | " | | a | birch | S.W. | 6 | " a | a Cedar |
| S.E. | 6 | of No 2 | | a | beech | S.E. | 6 | of W Sd Plamouth | 6 T. a W maple |
| N.E. | 6 | " | | a | beech | N.E. | 6 | | a spruce |
| N.W. | 6 | " | | a | pine | N.W. | 6 | | a Ybirch |
| S.W. | 6 | a | | a | Maple | S.W. | 6 | | a Spruce |
| S.E. | 6 | of No 3 | | a | beech | N.E. | 6 | of No 1 Range 1 | a cedar |
| N.E. | 6 | " | | in a | lake | S.E. | 6 | " | a cedar |
| N.W. | 6 | " | | a | Ybirch | N.W. | 6 | " | in a pond |
| S.W. | 6 | " | | a | pine | S.W. | 6 | " | a Spruce |

# Corners of Townships

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| S.E. | C. | of No. 2 Rang 1 | a | spruce | S.E. | C. | of No 1 Rang 2 | a | cedar |
| N.E. | C | | in a | pond | N.E. | C | a " | a | poplar |
| N.W. | C | | a | ybirch | N.W. | C | | a | spruce |
| S.W. | C | | a | blank | S.W. | C | | a | pond |
| S.E. | C | of No 2 R. 2. | in a | pond | S.E. | C | of No 2 Range 3 | a | pin |
| N.E. | C | | a | spruce | N.E. | C | . . . . " | " a | birch |
| N.W. | C | | a | spruce | N.W. | C | . . . " . . | a | y Birch |
| S.W. | C | | a | ybirch | S.W. | C | . . . " . . . | a | spruce |
| S.E. | C | No 2 Range 4 | a | Wbirch | S.E. | C | of the W part A.R 14 | a | |
| N.E. | C | " | a | | N.E. | C | ~~a birch~~ " . . . | a | birch |
| N.W. | C | | a | Wbirch | N.W. | C | . . . . " | aa | ash |
| S.W. | C | | a | ybirch | S.W. | C | | a | cedar |

S E C No 1 Range 2 a cedar
N E C a poplar
N W C
S W C

Monmouth November 1827.

Joseph Norris Surveyor.

S E C No 2. Range 3 a Pine
N E C a birch
N W C
S W C