

BOOK 1275

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F I E L D        N O T E S

O F

The Exterior Lines of Ts. 16,  
17 and 18 N., Rs. 23, 24, 25,  
26, 27, 28, 29, 30 and 31 E.

G. and S. R. Meridian,

ARIZONA.

By Henry A. Coe, D. S. under  
contract dated July 20th, 1882.  
Survey commenced September 30, 1882.  
Survey completed October 23, 1882.

151  
N-

South	Bdry	T 16 NR	26 E	137
"	"	T 16 NR	26 E	143
Nest	"	T 16 NR	24 E	150
South	"	T 16 NR	23 E	156
Nest	"	T 16 NR	23 E	163



No. 1275  
E. B. T. 17 N R. 30 E. G. & S. R. M.

Standard  
From the Cor. to Tps.

17 N. Rs. 30 & 31 E.,

Which is a sand stone 16 x 10 x 9 ins. 11 ins. in the  
ground, for Standard

Cor. to Tps. 17 N., R's 30 and  
31 E., marked S. C. with 6 notches on N, E, & W edges,  
and raised a mound of stone, alongside ~~its~~ impracticable.

I run.

North on a true line between sections 31 and 36.

Va.  $14^{\circ} 14'$  East.

Ascend.

9.40 Leave Valley, bears N. E. <sup>and</sup> S. W. and ascend.

22.60 Top of Spur, bears N. W. <sup>and</sup> S. E. and descend.

40.00 Set a Lava stone 12 x 12 x 6 ins., 8  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W.  
face, and raised a mound of stone. alongside Pits  
impracticable.

40.68 Cross Gulch, 5 lks. wide, Course S.  $20^{\circ}$  E. and ascend.

58.00 Top of Mesa, bears N. E. <sup>and</sup> S. W. and descend.

Outcro house, bears N.  $18\frac{1}{4}^{\circ}$  E.

Dabois spring, bears N.  $20\frac{1}{4}^{\circ}$  E.

80.00 Set a Lava stone 14 x 12 x 8 ins. 9 ins. in  
the ground for Cor. to Secs. 25, 30, 31 <sup>and</sup> 36, marked  
with 1 notch on S. and 5 notches on ~~W~~ edges and  
raised a mound of stone. alongside Pits impracticable.

2  
E. B. T. 17 N. R. 30 E. G. & S. R. M.

chains.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Cedar.

Vegetation of Bunchgrass.

North on a true line between sections 25 and 30

Va.  $17^{\circ} 15'$  East

Descend.

29. 10 Dubois house, bears N.  $34^{\circ} 14'$  E.  
Dubois spring, bears N.  $38^{\circ} 1/2'$  E.
29. 30 Enter Juni valley, bears E. and W. <sup>then descend.</sup>
31. 60 Cross Juni River, course N.  $85^{\circ} W.$  and ascend.
38. 00 Leave valley, bears E. and W.
40. 00 Set a lava stone  $12 \times 10 \times 9$  ins., 8 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, dug pits,  $18 \times 18 \times 12$  ins., N. and S. of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside
61. 05 Wingate's road, bears N.  $40^{\circ} E.$  <sup>and S.  $40^{\circ} W.$</sup>
80. 00 Set a lava stone  $12 \times 11 \times 7$  ins. 8 ins. in the ground for Cor. to Secs. 19, 24, 25 and 30, marked with 2 notches on S. and 4 notches on N. edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft high 1 ft base alongside

E. B. T. 17 N. R. 30 E. G. &amp; S. R. M.

Chains.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Cedar.

Vegetation of Bunch grass.

North on a true line between sections 19 and 24.

Va. 14° 15' East.

Ascend.

28.20 Corner W. P. R. R., bears N. 61° W. and  
S. 34° E.40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
high, 3 $\frac{1}{2}$  ft. base around post.

65.90 Cross Trail, bears N. 75° W. and S. 75° E.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 13, 18, 19 & 24,  
marked T. 17 N. S. 18, or N. E., R. 31 E., S. 19  
on S. E. <sup>R. 30 E.</sup> S. 24 on S. W. and S. 13 on N. W. faces;  
with 3 notches on S. and 3 notches on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post.

E. B. T. 17 N. R. 30 E. G. & S. R. M.

Chains.

Land mountainous  
Soil 3<sup>rd</sup> rate.  
Timber of Cedar.  
Vegetation of Bunchgrass

North on a true line between sections 13 and 18.  
Va. 14° 15' East.

Ascend.

Ad. 00

Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base around post.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 7, 12, 13 & 18,  
marked T. 17 N., S. 7, on N. E., R. 31 E., S. 18  
on S. E., S. 13 on S. W. and S. 12 on N. W. faces,  
with 4 notches on S. and 2 notches on W. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
around post.

Land mountainous  
Soil 3<sup>rd</sup> rate.  
Timber of Cedar.  
Vegetation of Bunchgrass.

E. B. T. 17 N R. 30 E. G. &amp; S. R. M.

Chains.

North on a true line between sections 9 and 12.

Va.  $14^{\circ} 15'$  East.

Descend.

33.00 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 1, 6, 7 & 12,  
marked T. 17 N., S. 6, or N. E., R. 31 E., S. 7  
on S. E. S. 12 or S. W. and S. 1 on N. W. faces,  
with 5 notches on S. and 1 notch on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land mountainous

Soil good rate.

Timber of cedar.

Vegetation of Bunch grass.

E. B. T. 17 N R. 30 E. G. &amp; S. P. M.

chains.

North on a true line between sections 1 and 6.

Va.  $14^{\circ} 15'$  East.

Ascend.

40.00

Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face; from whichA Cedar 9 ins. diam. bears S.  $70^{\circ}$  E., 139 lks. dist. marked  $\frac{1}{4}$  S. B. T.A Cedar 10 ins. diam. bears W., 90 lks. dist. marked  $\frac{1}{4}$  S. B. T.

80.00

Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stones 12 ins. in the ground, for Cor: to Tps. 17 and 18 N, R's 30 and 31 E, marked T, 18 N, S. 31 on N. E. R. 31 E, S:  $\bar{C}$  on S. E. T. 17 N. S. 1 on S, W, and R. 30 E, S. 36 ~~low~~ N, W, faces. with 6 notches on each edge. dug pits  $24 \times 18 \times 12$  inches, northwise on each line, N, S, E, and W, of post, 6 ft. dist, and raised a mound of earth  $2\frac{1}{2}$  ft. high, 5 ft. base around post,

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Cedar.

Vegetation of Bunchgrass.

S. B. T. 18 N. R. 31 E. G. & S. R. M.

Chains.

Before proceeding further with the exteriors of this Tn. I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

I took the latitude and found it to be 34° 52' N.

From the Cor. to Tps. 17 & 18 N. Rs. 30 & 31 E., I run,

East. on a true line between sections 6 <sup>and</sup> 31.

Va. 140 1/11' East.

Ascend.

19.00 Top of Ridge, bears N. E. <sup>and</sup> S. W. and descend. allowing 50 lks for emergency

39.50 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 S. on N. face; from which

A ~~Circle~~ 9 ins. diam. bears S. 15° E., 42 lks. dist. marked 1/2 S. B. T.

A ~~Circle~~ 8 ins. diam. bears N. 20° W., 19 lks. dist. marked 1/2 S. B. T.

79.50  
80.00

Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 5, 6, 31 & 32, marked T. 18 N. S. 32, 04 N. E., R. 31 E., S. 5 <sup>5.17 N.</sup> on S. E. S. 6, on S. W. and S. 31 on N. W. face,

S. B. T. 18 N. R. '81 E. G. &amp; S. R. M.

chains.

with 1 notch on W. and 5 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrasses.

Timber of Cedar.

S. B. T. 18 N. R. 31 E. G. & S. R. M.

Chains.

East. on a true line between sections 5<sup>and</sup> 32,  
Va. 140 10' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
high, 3 $\frac{1}{2}$  ft. base around post.

75.00 Cross Wash, 3 lks. wide, Course S. 29° E. and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 4, 5, 32<sup>and</sup> 33,  
marked T. 18 N., S. 33, on N. E., R. 31 E., S. 4  
on S. E. <sup>S. 17</sup> 5 on S. W. and S. 32 on N. W. faces,  
with 2 notches on W. and 4 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar.

Vegetation of Bunchgrass.

S. B. T. 18 N. R. 31 E. G. & S. R. M.

Chains.

East. on a true line between sections H and 33.

Va. 14° 15' East.

Ascend.

4.90 Cross Trail, bears N. and S.

21.30 Top of Ridge, bears N. and S. and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 3, 4, 33 & 34, marked T. 18 N. S. 34, on N. E., R 31 E., S. 3 on S. E. S. 4 on S. W and S. 33 on N. W. face, with 3 notches on W. and 3 notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land rolling.

Soil 3rd rate.

Timber of Cedar

Vegetation of Bunchgrasses.

S. 18. T. 18 N. R. 31 E. G. & S. R. M.

Chains.

East. on a true line between sections 3<sup>rd</sup> and 34.  
Var. 140 15' East.

Descend.

23.85 Intersect. Boundary line between Arizona, and  
New Mexico. at a point which bears 23.20 chs. N,  
from the 145<sup>th</sup> Mile post, and

Which is a post, 5 ins. dia, set firmly in the  
ground, marked 145 M. on N, W. on  
W. and N. M. on E. faces and 32 W. S.  
on S. face, with pits 2\* x 15 x 12 ins.,  
N., S., E. and W. of post, 6 ft. dist, and  
a mound of earth, 2 1/2 ft. high, 5 ft  
base around post, and

Set a post 4 1/2 ft. long, 4 ins. square, with marked  
stone 12 ins. in the ground, for Closing Cor. to  
Tps. 17 & 18 N., R. 31 E., and marked O. O.

2: R. 31 E. on W. 18 N., S. 34, on  
N., and S. 17 N., S. 3 on S. faces with 6  
notches on N, S. & W., faces, dug pits, 24 x 18 x  
12 ins, crosswise on each line, N, S. & W. of post, 6  
ft, dist, and raised a mound of earth 2 1/2 ft, high, 5  
ft, base, around post,

September 30<sup>th</sup> 1882

Land mountainous.  
Soil 3<sup>rd</sup> red  
Vegetation of Quercus grisea.  
Timber of same.

W. B. T. 18 N R. 31 E. G. &amp; S. R. M.

chains.

From the Cor. to Tps. 17 & 18 N. Rs. 30 & 31 E.,  
I run,

North on a true line between sections 31 & 36.

Va. 14° 11' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., U. and V. of  
post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
high, 3 $\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 25, 30, 31 & 36,  
marked T. 18 N., S. 30, on N. E., R. 31 E., S. 31  
m S. E. S. 30 on S. W. and S. 25 on N. W. faces  
with / notch on S. and .5 notch on W. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

Chains.

North on a true line between sections 25 and 30.

Va.  $14^{\circ} 11'$  East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on

W. face, dug pits, 18 x 18 x 12 ins., N. and ~~W.~~<sup>S</sup> of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 19, 24, 25 & 30,

marked T. 18 N., S. 19, on N. E., R. 31 E., S. 30,

on S. E. <sup>R. 30 E.</sup> S. 25 on S. W. and S. 24 on N. W. face,

with 2 notch ~~to~~ on S. and 4 notch ~~to~~ on <sup>N</sup> E. edges; D

dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,

and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base

around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass,

Timber of Cedar.

W. B. T. 18 N. R. 31 E. G. & S. R. M.

ains.

North on a true line between sections 19 and 24,

Va.  $14^{\circ} 11'$  East.

Ascend.

40.11 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., U. and O. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

60.30 Top of Ridge, bears E. or W. and descend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 13, 18, 19 & 24,  
marked T. 18 N., S. 18, on N. E., R. 31 E., S. 19  
on S. E. S. 24 on S. W. and S. 13 on N. W. face,  
with 3 notches on S. and 3 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

Timber of Cedar.

ains.

North on a true line between sections 13 and 18,

Va.  $14^{\circ} 11'$  East

Descend.

35.00 Cross Gulch, 10 lks. wide, Course E. and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., 7. and 8. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

52.00 Top of Ridge, bears E. + W. and descend.

72.00 Cross Gulch, 10 lks. wide, Course S.  $40^{\circ}$  E. and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 7, 12, 18 & 15,  
marked T. 18 N., S. 7, on N. E., R. 31 E., S. 18  
on S. E. S. 13 on S. W and S. 12 on N. W. face,  
with 4 notch  $\infty$  on S. and 2 notch  $\infty$  on W. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

Timber of Cedar.

B. T. 18 N. R. 31 E. G. &amp; S. R. M.

Cha

ns.

North on a true line between sections 7 & 12,  
Va.  $14^{\circ} 11'$  East.

Ascend.

10.50 Top of Ridge, bears  $N. 35^{\circ} W.$  <sup>and</sup>  $S. 35^{\circ} E.$  and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 1, 6, 7 & 12,  
marked T. 18 N., S. 6, on N. E., R. 31 E., S. 7  
on S. E., S. 12 on S. W. and S. 1 on N. W. faces  
with 5 notches on S. and 1 notch on W. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rateVegetation of *Bunchgrass*.

Timber of Cedar

W. B. T. 18 N. R. 31 E. G. & S. R. M.<sup>1</sup>

ins.

North on a true line between sections / <sup>and</sup> 6.

Va. 14° 11' East.

Descend.

32.50 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

50.00 Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked  
stone 12 ins. in the ground, for Cor: to Tps. 18  
and 19 N, R's 30 and 31 E, marked T, 19 N, S. 31  
on N. E. R. 31 E. S: 3 on S. E. T. 18 N S. 1 on S,  
W, and R, 30 E, S, 36 on N, W, faces, with 6 notches  
on each edge, dug, pits 24 x 18 x 12 ins., lengthwise on  
each line, N, S, E, and W, of post, 6 ft, dist, and  
raised a mound of earth  $2\frac{1}{2}$  ft. high, 5 ft, base  
around post,

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunch grass

Timber of Cedar.

N. B. T. 18 N. R. 31 E. G. & S. R. M.

chains.

Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

I took the latitude and found it to be 34° 57' 21"

From the Cor. to Tps. 18 & 19 N. Rs. 30 & 31, I run,

East. on a true line between sections 6 and 31.

Va. 14° 11' East.

Descend.

9.00 Cross low Sag and ascend.

89.02

Allowing 98 lbs for emergency. Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

50.50

Top of Ridge, bears N. 105° and descend.

74.50

Cross low Sag and ascend.

79.02  
80.00

Set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 5, 6, 31 & 32, marked T. 19 N., S. 32, on N. E., R. 31 E., S. 5

on S. E. S. 31 on S. W. and S. 6 on N. W. face, Δ

Chains.

with / notch on ~~W~~ and ~~S~~ notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,  
and raised a mound of earth 2 ft. high, 4½ ft. base  
around post.

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar,

Vegetation of Bunchgrass.

U. B. T. 18 N R. 31 E. G. &amp; S. R. M.

chains,

East. on a true line between sections 5<sup>th</sup> and 32.

Va. 14° 11' East.

Ascend.

16.50 Top of Ridge, bears  $N. 40^{\circ} W.$  and descend.40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
 $N.$  face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 4, 5, 32 & 33,  
marked T. 19 N, S. 33, on N. E., R. 31 E., S. 4  
on S. E. <sup>15 N.</sup> S. 5 on S. W. and S. 32 on N. W. faces,  
with 2 notch<sup>20</sup> on  $N.$  and 4 notch<sup>20</sup> on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunch grass,

Timber of Cedar.

N. B. T. 18 N. R. 31 E. G. & S. R. M.

Chains.

East. on a true line between sections H<sup>W</sup> 33.

Va. 14° 11' East.

Descend.

- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.
- 80.00 Set a sand stone 12 x 10 x 6 ins. 8 ins. in the ground for Cor. to Secs. 2, 4, 33 & 34, marked with 3 notches on W and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside
- Land mountainous and rolling.
- Soil 2<sup>nd</sup> rate.
- Timber of Cedar.
- Vegetation of Bunchgrass.

N. B. T. 18 N R. 31 E. G. & S. R. M.

Chains.

East. on a true line between sections 3 and 34.

Va.  $14^{\circ} 11'$  East.

Descend.

21.60 Intersect Boundary line between Arizona, and  
New Mexico. at a point which bears 22.30 elev. N.  
from the 139<sup>th</sup> Mile post,

Which is a sandstone,  $14 \times 12 \times 9$  ins, set  
firmly in the ground and marked  
139<sup>th</sup> M. on N.; A. on W.; N. W. on E. and  
S. W. S. on S. faces, with a stone mound  
along side ~~at~~ at which point  
Set a post  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked  
stone 12 ins. in the ground, for Closing Cor. to  
Tps. 17 & 18 N., R. 31 E., marked C. O.  
R. 31 E. on W., S. 19 N., S. 34, on  
N., and S. 18 N., S. 3 on S. faces with 6  
notches on N., S. & W. faces, dug pits,  $24 \times 18 \times$   
 $12$  ins, crosswise on each line, N., S. & W. of post, 6  
ft. dist, and raised a mound of earth  $2\frac{1}{2}$  ft. high, 3  
ft. base, around post,

W. B. T. 18 N R. 31 E. G. & S. R. M.

chains.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

Timber of Cedar.

October 2<sup>nd</sup> 1882.

W. B. T. 17 N. R. 30 E. G. & S. R. M.

Chains.

Before proceeding further with the exteriors of this T.p., I made a change of 10 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

Standard  
From the <sup>Standard</sup> Cor. to Tps. 17 N. Rs. 29 & 30 E.

Which is a

post  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Standard Cor. to Tps. 17 N., R's 29 and 30 E., marked S. C.

T: 17 N., on N., R. 30 E., S. 31, on E. and R. 29 E. S. 36 on W. faces with 6 notches on N., E. + W. faces, dug pits, 24 x 18 x 12 ins, crosswise on each line, N., E. + W. of post, 6 ft, dist, and raised a mound of earth  $2\frac{1}{2}$  ft, high, 5 ft, base, around post,

I run,

North on a true line between sections 31 & 36.

Va.  $14^{\circ} 21'$  East.

Ascend.

W. B. T. 17 N R. 30 E. G. & S. R. M.

chains.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins.,  $\gamma$  and  $\delta$  of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square. in marked stone.  
12 ins. in the ground, for Cor in Secs. 25, 30, 31 & 36,  
marked T. 17 N, S. 30 . 04 N. E., R 30 E., S. 31  
on S. E. <sup>R. 29 E.</sup> S. 36 on S. W and S. 28 on N. W. face  
with 1 notch on S. and 5 notches on ~~the~~ edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of cedar.

Vegetation of Bunchgrass.

26  
BOOK 120  
W. B. T. 17 N R. 30 E. G. & S. R. M.

Chains.

North on a true line between sections 25 & 30.

Va. 14° 19' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins.,  $\mathcal{N}$ . and  $\mathcal{S}$ . of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 19, 24, 25 & 30,  
marked T. 17 N, S. 19, on N. E., R. 30 E., S. 30  
on S. E. S. <sup>R. 27 E.</sup> 25 or S. W. and S. 24 on N. W. face  $\Delta$   
with 2 notch  $\infty$  on S. and 4 notch  $\infty$  on  $\mathcal{N}$ . edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land mountainous and rolling.

Soil 3<sup>rd</sup> rate.

Timber of Cedar.

Vegetation of Bunchgrass.

40.16. T. 17 N. R. 20 E. G. & S. R. M.

chains.

North on a true line between sections 19 <sup>and</sup> 24.

Va. 140 19' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
high, 3 $\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 13, 18, 19 & 24,  
marked T. 17 N., S. 18, on N. E., R. 20 E., S. 19  
<sup>R. 20 E.</sup>  
on S. E., S. 24 on S. W. and S. 13 on N. W. faces  
with 3 notch<sub>es</sub> on S. and 3 notch<sub>es</sub> on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post.

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar.

Vegetation of Bunchgrass.

28 BOOK 1210  
W. B. T. 17 N. R. 30 E. G. & S. R. M.

Chains.

North on a true line between sections 13 and 18.

Va.  $14^{\circ} 19'$  East.

Ascend.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

52.00

Top of Ridge, bears N.  $70^{\circ}$  W.  $\frac{1}{2}$  S.  $70^{\circ}$  E. and descend.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 7, 12, 18 & 14, marked T. 17 N. S. 7 or N. E., R. 30 E., S. 18 or S. E., S. 13 or S. W. and S. 12 on N. W. faces, with 4 notch  $\infty$  on S. and 2 notch  $\infty$  on W. edges; dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base around post.

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar,

Vegetation of Bunchgrass.

W. B. T. 17 N. R. 30 E. G. & S. R. M.

Chains.

North on a true line between sections 7 <sup>and 12</sup>  
Va. 1419' East.

Descend.

28.00 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 1, 6, 7 & 12,  
marked T. 17 N., S. 6, on N. E., R. 30 E., S. 7  
on S. E. <sup>R. 29 E.</sup> S. 12 on S. W. and S. 1 on N. W. face,  
with 5 notch on S. and 1 notch on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar.

Vegetation of Bunchgrass

W. B. T. 17 N. R. 30 E. G. &amp; S. R. M.

Chains.

North on a true line between sections 1 and 6.

Va. 140/19' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor: to Tps. 17 and 18<sup>W</sup> R's 29 and 30 E. marked T, 18<sup>N</sup> S. 31 on N. E. R. 30 E. S.  $\odot$  on S. E. T. 17<sup>N</sup> S. 1 on S, W, and R, 29 E. S, 36 on N, W, faces. with 6 notches on each edge, dug, pits 24 x 18 x 12 ins., lengthwise on each line, N, S, E, and W, of post, 6 ft. dist, and raised a mound of earth  $2\frac{1}{2}$  ft. high, 5 ft. base around post,

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of cedar.

Vegetation of Bunchgrass.

U. B. T. 17 N. R. 30 E. G. & S. R. M.

Chains.

Before proceeding further with the exteriors of this Tp. I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 17 & 18<sup>th</sup>, Rs. 30 & 29<sup>E</sup>,  
I run East. on a random line on <sup>just established</sup> U. B. of Tp.

Va. 14° 19' East.

I set temporary corners at every half mile, and at 5 miles 79.00 chs. I arrive at a point at Cor. to Tps,

17 & 18<sup>th</sup>, Rs. 30 & 31<sup>E</sup>, from which corner I run

West on a true line between sections 1 & 36.

Va. 14° 11' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  $\frac{1}{4}$  face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high, 3 $\frac{1}{2}$  ft. base around post.

52.00 Cross low Sag and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 1, 2, 35 & 36, marked T. 18<sup>th</sup>, S. 36, on N. E., R. 30 E., S. 1 on S. E. S. 2 on S. W. and S. 30 on N. W. face.

N. B. T. 17 N. R. 30 E. G. & S. R. M.

Chains.

with 5 notches on ~~N~~ and 1 notch on E. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
 and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
 around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

Timber of Cedar.

U. B. T. 17 N. R. 30 E. G. & S. R. M.

Chains.

West on a true line between sections 2 and 35.

Va.  $14^{\circ}19'$  East.

Ascend.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

55.00

Top of Ridge, bears N. and S. and descend.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 2, 3, 34 & 35,  
marked T. 18 N., S. 35, on N. E., R. 30 E., S. 2  
on S. E. S. 3 on S. W. and S. 34 on N. W. face,  
with  $\frac{1}{2}$  notch on W. and 2 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.  
Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass

Timber of cedar.

54  
T. 17 N. R. 30 E. G. & S. R. M.

Chains.

West on a true line between sections 3<sup>4th</sup> 34,  
Va. 140 19' East.

Descend.

27.00 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
high, 3 $\frac{1}{2}$  ft. base around post.

45.70 Road to Hauck's ranch, near N. 20° W. 5 S. 20° E.

61.00 Top of Ridge, bears N. 5 S. and descend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 3, 4, 33 & 34,  
marked T. 18 N, S. 34 on N. E., R. 30 E., S. 3  
on S. E. <sup>T. 17 N</sup> S. 4 on S. W and S. 33 on N. W. face,  
with 3 notches on N. and 3 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

Timber of Cedar.

U. B. T. 17 N R. 30 E. G. & S. R. M.

Chains.

West on a true line between sections  $H^{40a} 33$ ,  
Va. 14<sup>0</sup> 19' East.

Descend.

28.00 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 4, 5, 32 & 33,  
marked T. 18 N, S. 33, or N. E., R. 30 E., S. 4  
on S. E. <sup>5-17 N</sup> S. 5 on S. W. and S. 32 on N. W. face,  
with 2 notch  $\infty$  on N. and 4 notch  $\infty$  on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrasses.

Timber of Cedar.

U. B. T. 17 N. R. 30 E. G. & S. R. M.

Chains.

West on a true line between sections 5 & 32.

Va. 14<sup>th</sup> 19' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

62.50 Top of Ridge, bears U. r. S. and descend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 5, 6, 31 & 32,  
marked T. 18 N., S. 32, on N. E., R. 30 E., S. 5  
on S. E. S. 6 on S. W. and S. 31 on N. W. face,  
with / notch on W. and 5 notch on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land mountainous

Soil 2<sup>nd</sup> rate.

Timber of cedar

Vegetation of Bunchgrass.

N. B. T. 17 N. R. 30 E. G. & S. R. M.

Chains.

West on a true line between sections 6<sup>th</sup> and 31.

Va. 144° 19' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone,  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

52.00 Cross low Sag and ascend.

79.00 The Cor. to Tps. 17 & 18 N. Rs. 29 & 30 E.

Land mountainous

Soil 2<sup>nd</sup> rate.

Timber of Cedar.

Vegetation of Bunchgrass.

October 3<sup>rd</sup> 1882.

Chains.

From the Cor. to Tps. 17 & 18 N. Rs. 29 & 30 E,  
 just established by me  
 I run,

North on a true line between sections 31 <sup>and</sup> 36.

Va. 14019' East.

Ascend.

27.50 Top of Ridge, bears E. <sup>and</sup> W. and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
 12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
 W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
 post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
 high,  $3\frac{1}{2}$  ft. base around post.

43.20 Cross low Sag and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 25, 20, 31 & 36,  
 marked T. 18 N., S. 30. on V. E., R 30 E., S. 31  
 R. 29 E.  
 on S. E., S. 36 on S. W. and S. 25 on N. W. face  
 with 1 notch on S. and 5 notches on N. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
 and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
 around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunch grass,

Timber of Cedar.

Descend.

2 H. 00 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 13, 18, 19 & 24,  
marked T. 18 N, S. 18, on N. E., R. 30 E., S. 19  
on S. E. S. 24 on S. W. and S. 13 on N. W. face,  
with 3 notches on S. and 3 notches on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.  
Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar.

Vegetation of Bunchgrass.

BOOK 1275

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

Timber of Cedar.

W.B. T. 18 N. R. 30 E. G. & S. R. M.

chains.

North on a true line between sections 25 & 30.

Va. 140 1/4 East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, dug pits, 18 x 18 x 12 ins., U. and J. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 19, 24, 25 & 30, marked T. 18 N., S. 19, on N. E., R. 30 E., S. 30 on S. E. <sup>R. 29 E.</sup> S. 25 on S. W. and S. 24 on N. W. face with 2 notch <sup>to</sup> on S. and 4 notches <sup>to</sup> on ~~W.~~ edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land rolling.

Soil 2 <sup>nd</sup> rate

Vegetation of Bunchgrass.

Timber of Cedar.



W. B. T. 18 N. R. 30 E. G. & S. R. M.

Chains.

North on a true line between sections 13 <sup>40</sup> 18

Va. 140 14' East.

Ascend.

35.00 Top of Ridge, bears E. r W, and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

50.70 Cross low Sag and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 7, 12, 13 & 15, marked T. 18 N., S. 7, on N. E., R. 30 E., S. 18 on S. E. S. <sup>R. 29 E.</sup> 13 on S. W and S. 12 on N. W. face, with H notch  $\infty$  on S and 2 notches  $\infty$  on W. edges, dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base around post.

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of cedars

Vegetation of Bunchgrass.

W. B. T. 18 N. R. 30 E. G. & S. R. M.

No. 1275

ains.

North on a true line between sections 7 & 12,

Va. 14° 14' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base around post. on  
Top of Ridge, bears E. and W. and descend.

54.50 Cross low Sag and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 1, 6, 7 & 12,  
marked T. 18 N., S. 6, on N. E., R. 30 E., S. 7  
on S. E. S. 12 on S. W. and S. / on N. W. face,  
with 5 notch on S. and / notch on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of cedar,

Vegetation of Banquet grass.

W. B. T. 18 N. R. 30 E. G. & S. R. M.

Chains.

North on a true line between sections 1 & 6.

Va.  $14^{\circ} 14'$  East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

52.00 Top of Ridge, bears N. E. - S. W. and descend.

80.00 Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked  
stone 12 ins. in the ground, for Cor: to Tps. 18  
and 19 N, R's 29 and 30 E, marked T, 19 N, S. 31  
on N. E. R. 30 E. S. 30 on S. E. T. 18 N S. 1 on S,  
W, and R. 29 E. S. 30 on N W, faces. with 6 notches  
on each edge, dug, pits 24 x 18 x 12 ins., lengthwise on  
each line, N, S, E, and W, of post, 6 ft, dist, and  
raised a mound of earth  $2\frac{1}{2}$  ft. high, 5 ft, base  
around post,

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of *Bunchgrass*.

I carefully examined the adjustments of my solar  
compass to-day, particularly the latitude and revers-  
ing apparatus, and found them correct. Oct. 4<sup>th</sup> 1872.

N. B. T. 17 N. R. 29 E. G. & S. R. M.

Chains.

~~Before proceeding further with the exteriors of this Tp.,  
I made a change of            minutes in the latitude arc  
of my solar compass by            adding            same to  
the reading previously given, and at noon verified and  
corrected same by observation on the sun. I also fur-  
ther reset instrument by reversing.~~

From the Cor. to Tps. 17 & 18 <sup>1/2</sup> Rs. 28 & 29 E.,  
~~just recently established~~  
I run East.            on a random line on N. B. of Tp.

Va. 14° 07' East.

I set temporary corners at every half mile, and at 5 miles  
78.22 chs. I arrive at a point 144 lks. North of Cor. to Tps,  
17 & 18 <sup>1/2</sup> Rs. 29 & 30 E., from which corner I run  
N. 89° 49' W. on a true line between sections 1 & 36,

Va. 14° 19' East.

Descend.

8.50 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base around post.

47.00 Top of Ridge, bears N. E. & S. W. and descend.

44  
N. 18. T. 17 N. R. 29 E. G. & S. R. M.

Chains.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 1, 2, 35 & 36,  
marked T. 17 N. S. 36, on N. E., R. 29 E., S. 1  
on S. E. <sup>S. 17 N</sup> S. 2 on S. W. and S. 35 on N. W. face,  
with 5 notches on W. and 7 notch on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,  
and raised a mound of earth 2 ft. high, 4½ ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar.

Vegetation of Bunchgrass

N. B. T. 17 N. R. 29 E. G. & S. R. M.

N. 59° 49' W, on a true line between sections 2<sup>nd</sup> and 35.

Va. 14° 07' East.

Descend.

3.50 Cross low Sag and ascend.

15.50 Top of Ridge, bears N. E. and S. W. and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
high, 3 $\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 2, 3, 34 & 35,  
marked T. 16 N., S. 35, on N. E., R 29 E., S. 2  
on S. E. S. 3 on S. W. and S. 34 on N. W. faces,  
with 4 notches on N. and 2 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post. In low Sag and ascend.

Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar.

Vegetation of Bunch grass.

U. B. T. 17 N. R. 29 E. G. & S. R. M.

Chains.

N. 89° 49' N. on a true line between sections 3<sup>rd</sup> & 34.

Va. 140 07' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

58.50 Top of Ridge, bears N. 40° E. <sup>4th</sup> S. 40° W. and descend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 3, 4, 33 & 34, marked T. 18 N., S. 34, on N. E., R. 29 E., S. 3 on S. E., S. 4 on S. W and S. 33 on N. W. face, with 3 notches on W and 3 notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land rolling

Soil 2<sup>nd</sup> rate.

Timber of Cedar.

Vegetation of Bunchgrass.

U. B. T. 17 N. R. 29 E. G. & S. R. M.

Chains.

N.  $89^{\circ}49'W$ . on a true line between sections  $H$  <sup>and</sup> 33,

Va. 14007' East.

Ascend.

19.50 Top of Ridge, bears  $N. E.$  <sup>and</sup>  $S. W.$  and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
 $N.$  face, dug pits, 18 x 18 x 12 ins.,  $E.$  and  $W.$  of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

76.50 Cross low Sag and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 41, 5, 32 <sup>and</sup> 33,  
marked  $T. 18 N.$ ,  $S. 33$ , on  $N. E.$ ,  $R. 29 E.$ ,  $S. 4$   
on  $S. E.$ ,  $S. 5$  on  $S. W.$  and  $S. 32$  on  $N. W.$  face,  
with 2 notches on  $W.$  and 4 notches on  $E.$  edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar.

Vegetation of Bunchgrass.

U. B. T. 17 N. R. 29 E. G. & S. R. M.

## Chains.

U.  $89^{\circ}49'W$ . on a true line between sections 5582,

Va. 14007 East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
U. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

61.50 Top of Ridge, bears U.  $10^{\circ}E$ . & S.  $10^{\circ}W$ . and descend.

69.80 Cross low Sag and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 5, 6, 31 & 32,  
marked T. 18 U, S. 32, on N. E., R. 29 E., S. 5  
on S. E. <sup>S. 17 N.</sup> S. 6 on S. W. and S. 31 on N. W. face,  
with 1 notch on W. and 5 notch 50 on E. edges,  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar.

Vegetation of Bunchgrass

N. B. T. 17 N. R. 29 E. G. &amp; S. R. M.

Chains.

N.  $89^{\circ}49' W$  on a true line between sections 6 <sup>and</sup> 31,Va. 14<sup>007</sup>' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
 N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
 post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
 high,  $3\frac{1}{2}$  ft. base around post.

50.50 <sup>Martin's</sup> A House, bears South, 60 lks. dist.

75.22 The Cor. to Tps. 17 & 18 N. Rs. 28 & 29 E.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

I carefully examined the adjustments of my solar  
 compass to-day, particularly the latitude and revers-  
 ing apparatus, and found them correct.

October 5<sup>th</sup> 1882.

U. B. T. 18 N. R. 29 E. G. & S. R. M.

Chains.

Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 18 & 19 Rs. 28. & 29 E., ~~recently established by me~~  
I run East. on a random line on U. B. of Tp.

Va. 140 00' East.

I set temporary corners at every half mile, and at 5 miles 77.82 chs. I arrive at a point 30 lks. North of Cor. to Tps, 18 & 19 U. Rs. 29 & 30 E., from which corner I run U. 89° 58' W. on a true line between sections 1 & 36.

Va. 140 14' East.

Ascend.

33.00 Top of Spur, bears U. and S. and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on U. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

79.00 Cross Trail, bears U. 20° W. & S. 20° E.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 1, 2, 35 & 36, marked T. 19 U. S. 36, on N. E., R. 29 E., S. 1

N. B. T. 18 N. R. 29 E. G. & S. R. M.

chains.

<sup>1874,</sup>  
 on S. E. S. 2 on S. W. and S. 95 on N. W. face, S  
 with 5 notch <sub>20</sub> on W and / notch on E. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,  
 and raised a mound of earth 2 ft. high, 4½ ft. base  
 around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of *Bunchgrasses.*

N. B. T. 18 N. R. 29 E. G. & S. R. M.

Chains.

$N. 89^{\circ} 58' W.$  on a true line between sections 2<sup>nd</sup> and 3<sup>rd</sup>  
Va.  $14^{\circ} 14'$  East.

Ascend.

36.00 Top of Spur, bears  $N. 60^{\circ} E.$  and  $S. 60^{\circ} W.$  and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 2, 3, 34 & 35,  
marked T. 19 N., S. 35, on N. E., R. 29 E., S. 2  
on S. E. <sup>S. 18 N.</sup> 3 on S. W. and S. 34 on N. W. face,  
with 4 notch 20 on W. and 2 notch 20 on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of *Bunchgrass*.

U. B. T. 18 N. R. 29 E. G. & S. R. M.

Chains.

N. 59° 58' W. on a true line between sections 3<sup>rd</sup> and 34,  
Va. 140 14' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on

N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
high, 3 $\frac{1}{2}$  ft. base around post.

42.00 Cross low Sag and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 3, 4, 33 & 34,

marked T. 19 N., S. 34, on N. E., R. 29 E., S. 3

on S. E. S. <sup>S. 18 N.</sup> 4 on S. W. and S. 33 on N. W. face, D

with 3 notch ~~on~~ on W. and 3 notch ~~on~~ on E. edges;

dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,

and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base

around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrasses.

N. B. T. 18 N. R. 29 E. G. & S. R. M.

Chains,

N 89° 58' W. on a true line between sections # <sup>also 33.</sup>  
Va. 14° 14' East.

Ascend.

- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
- 47.50 Top of Ridge, bears N r E. and descend.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 4, 5, 32 r 33, marked T. 19 N, S. 33, on N. E., R 29 E, S. 24 on S. E. S. 5 on S. W. and S. 32 on N. W. face with 2 notch 20 on W. and 4 notch 25 on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.  
Land rolling.  
Soil 2 x c rate  
Vegetation of Bunchgrass.

U. B. T. 18 N. R. 29 E. G. & S. R. M.

Chains.

N. 89° 58' W. on a true line between sections 5<sup>and</sup> 32,  
Va. 1414 East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 5, 6, 31 & 32,  
marked T. 19 N. S. 32, on N. E., R. 29 E., S. 5  
<sup>5.18 N.</sup>  
on S. E., S. 6 on S. W. and S. 31 on N. W. face, <sup>o</sup>  
with / notch on W and S notch <sup>o</sup> on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

U. B. T. 18 N. R. 29 E. G. & S. R. M.

Chains.

U.  $59^{\circ}58'W$ , on a true line between sections 6 and 31.

Va.  $14^{\circ}14'$  East.

Descend.

32.00 Cross Gulch, 10 lks. wide, Course  $S$ , and ascend.

40.00 Set a Sandstone  $14 \times 10 \times 7$  ins., 9 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on  $N$  face, dug pits,  $18 \times 18 \times 12$  ins.,  $E$  and  $W$  of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

79.52 The Cor. to Tps. 18 & 19 N. Rs. 28 & 29 E.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

October 6<sup>th</sup> 1882.

U. B. T. 15 N. R. 28 E. G. & S. R. M.

Chains.

Before proceeding further with the exteriors of this T<sub>p</sub>,  
I made a change of 16 minutes in the latitude arc  
of my solar compass by subtracting same from  
the reading previously given, and at noon verified and  
corrected same by observation on the sun. I also fur-  
ther tested instrument by reversing.

From the Cor. to Tps. 15 & 16 N. Rs. 28 & 29 E.,

Which is a Post 4 ins. sq. marked  
D. 16 N. S. 31 on N. E.  
R. 29 E. S. 6 on S. E.  
D. 15 N. S. 1 on S. W. and  
R. 28 E. S. 36 on N. W. faces,  
with 6 notches on each edge,  
with pits 24 x 18 x 12 ins. length-  
wise on each line 6 ft. dist. and a  
mound of earth 2 1/2 ft. high 5 ft. base around post  
West. on a true line between sections 26 & 36.

Va. 14° 30' East.

Descend.

12.00 Leave Timber, Cross U. & S.

40.00 Set a Basalt stone 16 x 14 x 10 ins., 11  
ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on U.

U. B. T. 15 N. R. 28 E. G. & S. R. M.

## Chains.

face, dug pits, 18 x 18 x 12 ins., E. and W. of stone  
5½ ft. dist., and raised a mound of earth 1½ ft. high,  
3½ ft. base. alongside

79.50 Cross low Sag and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 1, 2, 3 & 4, 5 & 6,  
marked T. 16 N. S. 36, on N. E., R. 28 E., S. 1  
on S. E. S. 2 on S. W and S. 3 on N. W. face,  
with 5 notches on W and 1 notch on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,  
and raised a mound of earth 2 ft. high, 4½ ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunelgnes.

71.13. T. 15 N. R. 28 E. G. & S. R. M.

Chains.

West. on a true line between sections 2 <sup>and 35,</sup>

Va. 14030' East.

Ascend.

- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.
- 54.00 Top of Ridge, bears N. 1 S. and descend.
- 76.00 Cross low Sag and ascend.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 2, 3, 34 & 35, marked T. 16 N., S. 35, on N. E., R. 28 E., S. 2 on S. E. <sup>Dist. 21.</sup> S. 3 on S. W and S. 34 on N. W. face, with 4 notch <sup>es</sup> on N. and 2 notch <sup>es</sup> on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base around post.
- Land rolling.
- Soil 2<sup>nd</sup> rate
- Vegetation of Bunchgrass.

N. B. T. 15 N. R. 28 E. G. & S. R. M.

chains.

West. on a true line between sections 3 and 34,  
Va. 14° 30' East.

Ascend.

16.70 Top of Ridge, bears N. 10° E. <sup>and</sup> W. 10° W. and descend.

40.00 Set a Boulder stone 11 x 10 x 7 ins., 7 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside

80.00 Set a Sandstone 18 x 13 x 10 ins. 12 ins. in the ground for Cor. to Secs. 3, 4, 33 and 34, marked with 3 notches on W. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high 4 1/2 ft. base. alongside

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

U. B. T. 14 N. R. 28 E. G. & S. R. M.

Chains.

West. on a true line between sections 4<sup>Qua</sup> 33,

Va. 14° 30' East.

Descend.

40.00

Set a Sand stone 18 x 13 x 9 ins., 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on  $\mathcal{N}$  face, dug pits, 18 x 18 x 12 ins.,  $\mathcal{E}$ . and  $\mathcal{W}$  of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

80.00

Set a petrified wood stone 16 x 10 x 4 ins. 11 ins. in the ground for Cor. to Secs. 4, 5, 32<sup>Qua</sup> 33, marked with 2 notches on  $\mathcal{B}$ . and 4 notches on  $\mathcal{E}$ . edges, dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

U. B. T. 15 N. R. 28 E. G. & S. R. M.

Chains.

West. on a true line between sections 5 and 22,  
Va.  $14^{\circ} 31'$  East

Descend.

40.00

Set a Sand stone  $10 \times 10 \times 5$  ins., 10  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
face, dug pits,  $18 \times 18 \times 12$  ins., E. and W. of stone  
 $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base. alongside

58.56

Cross Wash, 5 lks. wide, Course  $S 36^{\circ} W$  and ascend.

80.00

Set a Sand stone  $13 \times 11 \times 9$  ins. 9 ins. in  
the ground for Cor. to Secs. 5, 6, 21, 5 & 22, marked  
with / notch on SW and 5 notches on E. edges, dug pits  
 $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a  
mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside  
Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of *Bunchgrass*

U. B. T. N. R. 28 E. G. & S. R. M.

chains.

West. on a true line between sections 6 <sup>and 3</sup>,

Va. 14°30' East.

Ascend.

allowing 240 chs. for convergence.

4000

Set a *Belgian* wood stone 12 x 10 x 6 ins., 8 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. *alongside*

79.60

Set a *allowing* Sand stone 18 x 12 x 6 ins. 12 ins. in the ground, for Cor. to Tps. 15 and 16 N. R's 27 and 28 E., marked with 6 notches on each edge, dug pits, 24 x 18 x 12 ins. lengthwise on each line, N. S. E. and W. of stone, 6 ft. dist., and raised a mound of earth  $2\frac{1}{2}$  ft. high, 5 ft. base. *alongside*

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

October 9<sup>th</sup> 1882.

N. B. T. 16 N. R. 28 E. G. & S. R. M.

Chains.

From the Cor. to Tps. 15 & 16 N. Rs. 27 & 28 E,  
I run,

North on a true line between sections 31 and 36,

Va. 140° 30' East.

Ascend.

40.00 Set a lava stone 16 x 14 x 7 ins., 11  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W.  
face, dug pits, 18 x 18 x 12 ins., N. and S. of stone  
5  $\frac{1}{2}$  ft. dist., and raised a mound of earth 1  $\frac{1}{2}$  ft. high,  
3  $\frac{1}{2}$  ft. base. alongside

80.00 Set a lava stone 12 x 10 x 10 ins. 8 ins. in  
the ground for Cor. to Secs. 25, 30, 31 & 36, marked  
with | notch on S. and 5 notch on W edges, dug pits  
18 x 18 x 12 ins. in each Sec., 5  $\frac{1}{2}$  ft. dist., and raised a  
mound of earth 2 ft. high 4  $\frac{1}{2}$  ft. base. alongside  
Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

Chains.

North on a true line between sections 25<sup>and</sup> 30.  
Va. 140 30' East.

Ascend.

32.00 Top of Mesa, Veers N. E. & S. W. and descend. <sup>and</sup>

Enter Timber,

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face; from which

A Cedar 18 ins. diam. bears  $\angle 67^{\circ} 6'$ , 21 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

A Cedar 20 ins. diam. bears W. 14 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

70.00 Leave Timber, <sup>ft</sup> N. E. & S. W.

80.00 Set a post  $\frac{1}{4}$  ft. long, 4 ins. square, with marked stone  
12 ins. in the ground, for Cor. to Secs. 19, 24, 25 & 34,  
marked T. 16 N., S. 19 on N. E., R. 28 E., S. 30  
on S. E. <sup>R-27E.</sup> S. 25 on S. W and S. 24 on N. W. face, D  
with 2 notch  $\infty$  on S. and 4 notch  $\infty$  on ~~W~~ edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.  
Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar.

Vegetation of Bunchgrasses.

W. B. T. 16 N. R. 28 E. G. & S. R. M.

Chains,

North on a true line between sections 19<sup>th</sup> Dec 24,  
Va. 14° 30' East.

Descend.

10.00 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

51.60 Top of Ridge, bears E. <sup>also</sup> W. and descend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 13, 18, 19, 24,  
marked T. 16 N. S. 18, or N. E., R. 28 E., S. 19  
on S. E. S. 24 on S. W. and S. 13 on N. W. face  
with 3 notches on S. and 3 notches on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

W. B. T. 16 N. R. 28 E. G. & S. R. M.

Chains.

North on a true line between sections 13518,  
Va. 14030' East.

Ascend.

13.00 Top of Ridge, bears U. E. and S. W. and descend.

24.00 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone  
12 ins. in the ground, for Cor. to Secs. 7, 12, 13518,  
marked T. 16 N., S. 7, on N. E., R. 28 E., S. 18  
<sup>16, 27 E.</sup>  
on S. E. S. 13 on S. W. and S. 12 on N. W. faces;  
with 4 notch  $\infty$  on S. and 2 notch  $\infty$  on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunch grass.

W. B. T. 16 N. R. 28 E. G. & S. R. M.

Chains.

North on a true line between sections 7 <sup>and 17</sup>.

Va.  $14^{\circ} 30'$  East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 1, 6, 7 & 12, marked T. 16 N., S. 6, on N. E., R. 28 E., S. 7 on S. E. <sup>R. 27 E.</sup> S. 12 on S. W. and S. 1 on N. W. face, with 5 notch ~~es~~ on S. and 1 notch on ~~W~~ edges; dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

W. B. T. 16 N R. 28 E. G. & S. R. M.

Chains.

North on a true line between sections 1 and 6,  
Va. 140 30' East.

Ascend.

5.50 Intersect the 4<sup>th</sup> Standard Parallel North at a  
point 2.07 chs. West of the Standard Cor. to  
Tps. 17 N., R's 27 and 28 E., which

is a post 4 1/2 ft. long, 4 ins. square, with marked  
stone 12 ins. in the ground, for Standard Cor. to  
Tps. 17 N., R's 27 and 28 E., marked S. C.  
T: 17 N., on N, R. 28 E. S. 31, on  
E. and R. 27 E. S. 36 on W. faces with 6  
notches on N, E. & W. faces, dug pits, 24 x 18 x  
12 ins. crosswise on each line, N, E. W. of post, 6  
ft. dist, and raised a mound of earth 2 1/2 ft. high, 5  
ft. base, around post, and

Set a post 4 1/2 ft. long, 4 ins. square, with marked  
stone 12 ins. in the ground, for Closing Cor. to  
Tps. 16 N., R's 27 and 28 E., marked C. C.  
T: 16 N. on S, R. 28 E. S. 6, on

E. and R. 27 E. S. 1 on W. faces with 6  
notches on S, E. & W. faces, dug pits, 24 x 18 x  
12 ins. crosswise on each line

W. B. T. 16 N. R. 28 E. G. & S. R. M.

Chains.

12 ins, crosswise on each line,  $\frac{1}{2}$  E. of post, 6 ft, dist, and raised a mound of earth  $2\frac{1}{2}$  ft, high, 5 ft, base, around post,

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

I carefully examined the adjustments of my <sup>solar</sup> ~~solar~~ compass to-day, particularly the latitude and reversing apparatus, and found them correct.

October 10<sup>th</sup> 1882.

*W. B.* T. 17 N. R. 28 E. G. & S. R. M.

Chains.

Before proceeding further with the exteriors of this Tp., I made a change of 6 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the <sup>Standard</sup> Cor. to Tps. 16+17 N. Rs. 27 & 28 *ES*

I run,

North on a true line between sections 31+36

Va. 14° 7' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on *W.* face, dug pits, 18 x 18 x 12 ins. *N.* and *S.* of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 25, 30, 31+36 marked T. 17 *NS.* 30, on N. E., R 28 *E.*, S. 31 on S. E. <sup>R 27 *E.*</sup> S. 36 on S. W. and S. 25 on N. W. face, with 1 notch on S. and 5 notches on *N.* edges; dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base around post.

WB T. 17 N. R. 28 E. G. & S. R. M.

Chains.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation Bunchgrass

North on a true line between sections 25 + 30

Va. 111° 7' East.

Ascend.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 19, <sup>24, 25,</sup> 20, 29 + 30 marked T. 17 N. S. 19, on N. E., R 28<sup>6</sup>, S. 30 on S. E., <sup>R 27<sup>6</sup></sup> S. 25 on S. W and S. 24 on N. W. face, with 2 notches on S. and 4 notches on N. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar

Vegetation Bunchgrass

W.D. T. 17 N. R. 28 E. G. & S. R. M.

## Chains.

North on a true line between sections 19<sup>nd</sup> and 24<sup>th</sup>  
Va.  $14^{\circ} 7'$  East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins. N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 13, 18, 19 + 24  
marked T. 17 N. S. 18, on N. E., R 28 E., S. 19  
on S. E., <sup>R 27 E.</sup> S. 24 on S. W. and S. 13 on N. W. face,  
with 3 notches on S. and 3 notches on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation Bunchgrass

Timber of Cedar

W.B. T. 17 N. R. 28 E. G. & S. R. M.

Chains.

North on a true line between sections 13 & 18  
Va. 14° 7' East

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 7, 12, 13 & 18  
marked T. 17 N. S. 7, on N. E., R 28 E, S. 18  
on S. E., <sup>R. 27 E</sup> S. 13 on S. W. and S. 12 on N. W. face,  
with 4 notch so on S. and 2 notch so on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
around post.  
Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar

Vegetation Bunchgrass

WP T. 17 N. R. 28 E. G. & S. R. M.

Chains.

North on a true line between sections 7 + 12  
 Va. 14° 7' East

Ascend.

26.00 Top of Ridge, bears East + West and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on  
 W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
 post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.  
 high, 3 1/2 ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 1, 6, 7 + 12  
 marked T. 17 N. S. 6, on N. E., R 28 E, S. 7  
 or S. E. <sup>R 27 E</sup> S. 12 on S. W and S. 1 on N. W. face, <sup>D</sup>  
 with 5 notches on S. and 1 notch on N. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
 and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
 around post.

Land rolling.

Soil 2nd rate.

Timber of Cedar  
 Vegetation Bunchgrass

W. B. T. 17 N. R. 28 E. G. & S. R. M.

Chains.

North on a true line between sections 1 + 6

Va.  $14^{\circ} 7'$  East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

46.40 Cross low Sag and ascend.

80.00 Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked  
stone 12 ins. in the ground, for Cor: to Tps. 17  
and 18 NR's 27 and 28 E marked T, 18 NS. 31  
on N. E. R. 28 E S: 6 on S. E. T. 17 NS. 1 on S,  
W, and R, 28 E S, 36 on N, W, faces, with 6 notches  
on each edge, dug, pits 24 x 18 x 12 ins., lengthwise on  
each line, N, S, E, and W, of post, 6 ft, dist, and  
raised a mound of earth  $2\frac{1}{2}$  ft. high, 5 ft, base  
around post,

Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar

Vegetation Bunchgrass

NB T. 17 N. R. 28 E. G. & S. R. M.

Chains.

Before proceeding further with the exteriors of this Tp. I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 17 & 18 N Rs. 27 & 28<sup>E</sup>  
I run East. on a random line on NB. of Tp.

Va. 14° 7' East.

I set temporary corners at every half mile, and at 5 miles 79.89 chs. I arrive at a point 178 lks. North of Cor. to Tps, 17 & 18 N Rs. 28 & 29<sup>E</sup> from which corner I run N. 89° 47' W on a true line between sections 1 & 36

Va. 14° 7' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face, dug pits, 18 x 18 x 12 ins.  $\text{S}$  and  $\text{N}$  of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

58.50 Top of Ridge, bears N + S and descend.

65.90 Cross Gulch, 5 lks. wide, Course South and ascend.

A. B. T. 17 N. R. 28 E. G. &amp; S. R. M.

## Chains.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 1, 2, 35 & 36  
marked T. 18 N. 36, on N. E., R. 28 E, S. 1  
<sup>17</sup> on S. E., S. 2 on S. W. and S. 35 on N. W. face,  
with 5 notches on W and 1 notch on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,  
and raised a mound of earth 2 ft. high, 4½ ft. base  
around post.

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of cedar

Vegetation Bunchgrass

Chains.

N.  $89^{\circ}49'$  West on a true line between sections 2 + 35  
 Va.  $14^{\circ}7'$  East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
 N. face, dug pits, 18 x 18 x 12 ins.  $\text{E}$  and  $\text{W}$  of  
 post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
 high,  $3\frac{1}{2}$  ft. base around post.

52.00 Top of Ridge, bears  $N 10^{\circ} E$   $\text{A}$   $10^{\circ} W$  and descend.

72.00 Cross Wash, 3 lks. wide, Course  $150^{\circ}$  and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 2, 3, 34 + 35  
 marked T. 18 N S. 35, on N. E., R. 28 E, S. 2  
 on S. E.  $\text{S}$  3 on S. W and S. 34 on N. W. face,  
 with 4 notch  $\text{S}$  on  $\text{S}$  and 2 notch  $\text{S}$  on E. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
 and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
 around post.

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar

Vegetation Bunchgrass

N. P. T. 17 N. R. 28 E. G. & S. R. M.

Chains.

N 89° 47' W on a true line between sections 3 + 3 + 4  
Va. 14° 7' East.

Ascend.

- 3.00 Top of Ridge, bears N. + S. and descend.
- 15.50 Cross Gulch, 10 lks. wide, Course ~~South~~ and ascend.
- 24.50 Top of Ridge, bears N. + S. and descend.
- 35.65 Cross low Sag and ascend.
- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base around post.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 3, 4, 33 + 34  
marked T. 18 N. S. 3 + 4, on N. E., R 28 E, S. 3  
on S. E., S. 4 on S. W. and S. 33 on N. W. face.  
with 3 notches on W and 3 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
around post.  
Land mountainous and rolling.  
Soil 2nd rate.  
Timber of cedar  
Vegetation Bunchgrass

81

N. B. T. 17 N. R. 28 E. G. & S. R. M.

Chains.

N.  $89^{\circ}47'N$  on a true line between sections 4 + 33

Va.  $17^{\circ}4'$  East.

Ascend.

18.60 Top of Ridge, bears  $N 30^{\circ}E$  +  $N 30^{\circ}W$  and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits,  $18 \times 18 \times 12$  ins.  $E$  and  $W$  of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

67.00 Cross Gulch, 10 lks. wide, Course  $N.E.$  and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 4, 5, 32 + 33  
marked T. 18 N. S. 33, on N. E., R 28 $E$ , S. 4  
on S. E.  $\frac{1}{4}$  S. 5 on S. W and S. 32 on N. W. face,  $\circ$   
with 2 notches on  $W$  and  $H$  notch  $\circ$  on E. edges;  
dug pits,  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of cedar

Vegetation Bunchgrass

N. 3 T. 17 N. R. 28 E. G. & S. R. M.

Chains.

N. 89° 47' W on a true line between sections 5 + 32  
Va. 14° 7' East.

Ascend.

12.00 Top of Ridge, bears N. E. & S. W and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on  
N. face, dug pits, 18 x 18 x 12 ins. S. and W. of  
post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base around post.

44.00 Cross Gulch, 10 lks. wide, Course N. E. and ascend.

68.00 Top of Ridge, bears N. & S. and descend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 5, 6 31 + 32  
marked T. 18 N. S. 32, on N. E., R. 28 E, S. 5  
on S. E. S. 6 on S. W. and S. 3' on N. W. face  
with 1 notch on W. and 5 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
around post.

Land mountainous and rolling.

Soil 2nd rate.

Timber of Cedar  
Vegetation Bunchgrass

N. B. T. 17 N. R. 28 E. G. & S. R. M.

Chains.

A 89° 47' N on a true line between sections 6 & 31  
Va. 14' 7" East.

Descend.

15.70 Cross Gulch, 10 lks. wide, Course North and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base around post.

62.00 Top of Ridge, bears N + S and descend.

79.89 The Cor. to Tps. 17 & 18 N. Rs. 27 & 28 E

Land mountainous and rolling.

Soil 2nd rate.

Timber of cedar

Vegetation Bunchgrass

October 11th 1882.

W. B. T. 18 N R 28 E. G. & S. R. M.

Chains.

From the Cor. to Tps. 17 & 18 N. Rs. 27 & 28 E.

I run,

North on a true line between sections 31 + 36

Va. 14° 7' East.

Descend.

16.50 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 25, 30, 31 + 36 marked T. 18 N. S. 30 on N. E., R 28 E, S. 31 on S. E., S. 36 on S. W. and S. 25 on N. W. face, with 1 notch on S. and 5 notches on N. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land rolling.

Soil 2nd rate.

Timber of Cedar

Vegetation Bunchgrass

W. B T. 18 N. R. 28 E. G. &amp; S. R. M.

Chains.

North on a true line between sections 30 + 25

Va. 14° East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
 N. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
 post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
 high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 19, 24, 25 + 30  
 marked T. 18 N S. 19, on N. E., R. 28 E, S. 30  
 on S. E., S. 25 on S. W. and S. 24 on N. W. face, <sup>R. 27 E</sup> D  
 with 2 notch 20 on S. and 4 notches on N. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
 and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
 around post.

Land rolling

Soil 2<sup>nd</sup> rate.

Timber of bedar

Vegetation

Punchgrass

WB T. 18 N. R. 28 E. G. & S. R. M.

ains.

North on a true line between sections 19 + 24  
Va. 14° East.

Ascend.

4000

Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base around post.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 13, 18, 19 + 24  
marked T. 18 N. S. 18, on N. E., R 28 E, S. 19  
R. 27 E  
on S. E. S. 24 on S. W. and S. 13 on N. W. face, D  
with 3 notch to on S. and 3 notches on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
around post.

Land mountainous and rolling.

Soil 2nd rate.

Timber of

cedar

Vegetation

Bunchgrass

W. B. T. 18 N. R. 28 E. G. &amp; S. R. M.

chains.

North on a true line between sections 13 + 18  
Va.  $14^{\circ}$  East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins. N. and A. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

51.50 Cross low Sag and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 7, 12, 13 + 18  
marked T. 18 N. S. 7, on N. E., R. 28 E., S. 18  
on S. E. <sup>R276</sup> S. 13 on S. W. and S. 12 on N. W. face,  
with 4 notches on S. and 2 notches on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.  
Land mountainous and rolling.  
Soil 2<sup>nd</sup> rate.

Timber of Cedar

Vegetation Bunchgrass

W. B T. 18 N. R. 28 E. G. & S. R. M.

chains,

North on a true line between sections 7 + 12  
Va. 14° East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base around post.

75.00 Top of Ridge, bears N. 70° E + S. 70° W and descend.

80.00 A Cedar 18 ins. diam. which I marked  
T. 18 N. S. 6, on N. E. R. 28 E S. 7 on  
S. E. S. 12, on S. W. a S. 1 on N. W. faces,  
with 5 notches on S. and 1 notch on W. edges,  
dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and  
raised a mound of earth around tree, for cor. to secs.

1, 6, 7 + 12

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar

Vegetation Bunchgrass

W. B. T. 18 N. R. 28 E. G. & S. R. M.

Chains.

North on a true line between sections 1 + 6  
 Va. 14° East.

Descend.

23.30 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone,  
 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
 W. face, dug pits, 18 x 18 x 12 ins., W. and S. of  
 post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
 high, 3 $\frac{1}{2}$  ft. base around post.

71.00 Tuni and Rio Puerco divide,  
 bears E. + W and descend.

80.00 Set a Sand stone 24 x 17 x 8 ins. 18 ins. in  
 the ground, for Cor. to Tps. 18 and 19. R's 27 and  
 28E, marked with 6 notches on each edge, dug pits, 24  
 x 18 x 12 ins. lengthwise on each line, N. S. E. and W.  
 of stone, 6 ft. dist., and raised a mound of earth 2 $\frac{1}{2}$  ft.  
 high, 5 ft base. *alongside.*

Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of *cedar*  
 Vegetation *Bunchgrass*

N. B. T. 18 N. R. 28 E. G. & S. R. M.

Chains.

Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 18 & 19 N. Rs. 27 & 28<sup>6</sup>  
I run East. on a random line on N. B. of Tp.

Va.  $14^{\circ}$  East.

I set temporary corners at every half mile, and at 5 miles 78.04 chs. I arrive at a point 2.20 lks. North of Cor. to Tps. 18 & 19 N. Rs. 28 & 29<sup>6</sup> from which corner I run N.  $89^{\circ}44'W$  on a true line between sections 1 & 36

Descend. Va.  $14^{\circ}$  East.

23.00 Cross Gulch, 50 lks. wide, Course  $S. 30^{\circ}W$  and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face, dug pits, 18 x 18 x 12 ins.  $\frac{1}{2}$  and  $\frac{1}{4}$  of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

42.50 Luni and Rio Purco divide bears N. W. +  $S. E.$  and descend.

Chains.

80.00

Set a *Sank* stone  $18 \times 12 \times 8$  ins.  $12$  ins. in  
 the ground for Cor. to Secs. 1, 2, 35 + 36 marked  
 with 5 notches on W and 1 notch on E. edges, dug pits  
 $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a  
 mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of *cedar*

Vegetation *Bunchgrass*

N. B. T. 18 N. R. 28 E. G. &amp; S. R. M.

Chains.

N. 89° 44' W on a true line between sections 2 + 35

Va. 14° East.

Descend.

26.00 Cross Wash, 10 lks. wide, Course N. 50° W

30.49 Cross Wash, 12 lks. wide, Course N. W and ascend.

35.00 Top of Spur, bears N. 10° E + S. 10° W and descend.

40.00 Set a Sand stone 15 x 10 x 9 ins., 10 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside80.00 Set a Sand stone 14 x 12 x 9 ins. 10 ins. in the ground for Cor. to Secs. 2, 3, 34 + 35 marked with 2 notches on W and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside  
Land rolling.Soil 2<sup>nd</sup> rate.

Timber of Cedar

Vegetation

Bunchgrass

N. B T. 18 N. R. 28 E. G. & S. R. M.

Chains.

N. 89° 44' W on a true line between sections 3 + 34

Va. 140 East.

Descend.

10.10 Cross Gulch, 20 lks. wide, Course North and ascend.

40.00 Set a sand stone 10 x 10 x 7 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins. S. and N. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside

43.20 Cross Wash, 5 lks. wide, Course North

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 3, 4, 33 + 34 marked T. 18 N. 34 on N. E., R 28 E, S. 3 on S. E. S. 4 on S. W and S. 33 on N. W. face, with 3 notches on N. and 3 notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base

around post.

Land rolling.

Soil 2nd rate.

Timber of Cedar  
Vegetation Bunchgrass

N. B. T. 18 N R 28 E. G. & S. R. M.

Chains.

N. 89° 44' W on a true line between sections 33 + 1

Va. 14° East.

Ascend.

37.20 Cross Wash, 20 lks. wide, Course N. 40° E.

40.00 Set a Sand stone 16 x 10 x 7 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N face, dug pits, 18 x 18 x 12 ins., E and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside

64.00 Top of Spur, bears N. + S and descend.

70.79 Cross Wash, 15 lks. wide, Course N. E. and ascend.

80.00 Set a Sand stone 18 x 10 x 4 ins 12 ins. in the ground for Cor. to Secs, 4, 5, 32 + 33 marked with 2 notches on W and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high 4 1/2 ft. base. alongside

Land mountainous and rolling.

Soil 2nd rate.

Timber of Cedar

Vegetation Punchgrass

N. P. T. 18 N. R. 28 E. G. & S. R. M.

Chains.

N. 89° 44' W on a true line between sections 5 + 32

Va. 14° East.

Ascend.

16.40 Top of Spur, bears N. 20° E + S. 20° W and descend.

32.40 Cross Wash, 6 lks. wide, Course N. 20° E and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on

N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a Sand stone 4 x 10 x 9 ins. 12 ins. in

the ground for Cor. to Secs. 5, 6, 31 + 32 marked with 1 notch on N. and 5 notches on E. edges, dug pits

18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar

Vegetation Bunchgrass

N. B. T. 18 N. R. 28 E. G. & S. R. M.

Chains.

N. 89° 44' W on a true line between sections 6 & 31

Va. 14°

East.

Ascend.

40.00 Set a Sand stone 18 x 16 x 17 ins., 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, dug pits, 18 x 18 x 12 ins. E. and W. of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

47.00 Top of Ridge, bears N.  $\times$  S and descend.

62.10 Cross Wash, 14 lks. wide, Course N. 10° E and ascend.

78.04 The Cor. to Tps. 19 & 18 N. Rs. 27 & 28 E

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of

Vegetation

Cedar  
Bunchgrass

October 12<sup>th</sup> 1882,

## Chains.

Before proceeding ~~further~~ with the exteriors of this Tn.,  
I made a change of  $16$  minutes in the latitude arc  
of my solar compass by subtracting same from  
the reading previously given, and at noon verified and  
corrected same by observation on the sun. I also fur-  
ther tested instrument by reversing.

From the Cor. to Tps. 15 & 16 N. Rs. 27 & 27E,

Which is a Post 4 ins. sq. marked

T. 15 N. S. 31 on N. E.

R. 27 E. S. 6 on S. E.

T. 14 N. Q. 1 on S. W. and

R. 26 E. S. 36 on N. W. faces,  
with 6 notches on each edge, & pits  
24 x 18 x 12 ins. ~~in~~ length-

wise on each line N. S. E & W.  
of Post 6 ft. dirt, and a mound  
upworth 4 ft high 4' aft base  
around post

North on a true line between sections 31 & 36.

Va. 14° 28' East.

Ascend.

E. B. T. 16 N. R. 26 E. G. &amp; S. R. M.

Chains.

- 17.00 Top of Ridge, bears E.  $42^{\circ}$  W. and descend.
- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.
- 60.00 Enter Valley, bears, N.  $60^{\circ}$  W.  $\rightarrow$  S.  $60^{\circ}$  E.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 25, 30, 31 & 36, marked T. 16 N., S. 30, on N. E., R. 27 E., S. 31 on S. E. <sup>R. 26 E.</sup> S. 36 on S. W. and S. 25 on N. W. face, with / notch on S. and \ notch on N. edges; dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base around post.  
Land rolling.  
Soil 2nd rate  
Vegetation of Bunchgrass.

E. B. T. 16 N. R. 26 E. G. &amp; S. R. M.

Chains.

North on a true line between sections 25<sup>th</sup> and 30,Va.  $14^{\circ} 28'$  East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 19, 24, 25 & 30,  
marked T. 16 N., S. 19, on N. E., R 27 E., S. 30  
on S. E. S. 25<sup>th</sup> or S. W. and S. 24 on N. W. face,  $\bigcirc$   
with 2 notches on S. and 4 notches on W. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrasses.

E. B. T. 16 N. R. 26 E. G. &amp; S. R. M.

## Chains.

North on a true line between sections 19 and 24,

Va.  $14^{\circ}28'$  East

Descend.

31.20 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

61.50 Leave Valley, bears N. E. &amp; S. W. and ascend.

80.00 Set a sand stone  $4 \times 10 \times 9$  ins. 9 ins. in  
the ground for Cor. to Secs. 13, 14, 19 & 24, marked  
with 3 notches on S. and 3 notches on N. edges, dug pits  
18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a  
mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside  
Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass

Chains.

North on a true line between sections 135-18.

Va.  $14^{\circ}28'$  East.

Ascend.

20.00 Top of Mesa, near E.  $\frac{1}{4}$  W. and descend.40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 7, 12, 135-18,  
marked T. 16 N., S. 7, on N. E., R. 27 E., S. 18  
on S. E. <sup>R. 26 E.</sup> S. 13 on S. W. and S. 12 on N. W. face,  
with 4 notches on S. and 2 notches on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunch grass.

E. R. T. 16 N. R. 26 E. G. & S. R. M.

Chains,

North on a true line between sections 7512,

Va.  $14^{\circ}28'$  East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone,  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone,  
12 ins. in the ground, for Cor. to Secs. 1, 6, 7512,  
marked T. 16 N., S. 6, on N. E., R. 27 E., S. 7  
on S. E. S. 12 on S. W. and S. / on N. W. face,  $\Delta$   
with 5 notches on S. and 1 notch on ~~N.~~ edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

E. B. T. 16 N. R. 26 E. G. & S. R. M.

Chains.

North on a true line between sections / <sup>and</sup> 6.

Va.  $14^{\circ} 28'$  East.

Ascend.

5. 41 Intersect the 4<sup>th</sup> Standard Parallel North at a point 2.22 chs. West of the Standard Cor. to

Tps. 17 N., R. 26 ~~and~~ E., which

is a post  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Standard Cor. to

Tps. 17 N., R's 26<sup>27</sup> and marked S. C.

T: 17 N., on N, R. 27 E., S. 31, on

E, and R. 26 E. S, 36 on <sup>with</sup> W. faces with 6 notches on N, E. & W. faces, dug pits, 24 x 18 x

12 ins, crosswise on each line, N, E. & W. of post, 6 ft, dist, and raised a mound of earth  $2\frac{1}{2}$  ft, high, 5

ft, base, around post, and

Set a post  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Closing Cor. to

Tps. 16 N., R's 26 and 27 E., marked C. C.

T: 16 N., on S, R. 27 E., S. 6, on

E, and R. 27 E. S, 1 on W. faces with 6 notches on S, E. & W. faces, dug pits, 24 x 18 x

E. B. T. 16 N. R. 26 E. G. &amp; S. R. M.

Chains.

12 ins, crosswise on each line, S, E. & W. of post, 6  
ft, dist, and raised a mound of earth  $2\frac{1}{2}$  ft, high, 5  
ft, base, around post,

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

October 13<sup>th</sup> 1882.

W. S. T. 17 N. R. 27 E. G. & S. R. M.

Chains.

Before proceeding further with the exteriors of this T<sup>n</sup>. I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the <sup>Standard</sup> Cor. to Tps. 16 + 17 N. Rs. 26 & 27<sup>8</sup>

I run,

North on a true line between sections 31 + 36

Va. 1.4° 28' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high, 3 $\frac{1}{2}$  ft. base around post.

74.65 Cross Wash, 10 lks. wide, Course  $\frac{1}{2}$  25° W and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 25, 30, 31 + 36 marked T. 17 N. S. 30, on N. E., R 27<sup>8</sup>, S. 31 on S. E., S. 36 on S. W. and S. 25 on N. W. face, with 1 notch on S. and 5 notches on W. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base around post.

W. 3 T. 17 N. R. 27 E. G. &amp; S. R. M.

Chains.

Land rolling.

Soil 2<sup>nd</sup> rateVegetation Bunchgrass

North on a true line between sections 25 + 30

Va. 14' 0 East

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins. N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 19, 24, 25 + 30  
marked T. 17 N. S. 19, on N. E., R 27 E, S. 30  
on S. E., S. 25 on S. W and S. 24 on N. W. face,  
with 2 notch  $\infty$  on S. and 4 notch  $\infty$  on E edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rateVegetation Bunchgrass

W. B. T. 17 N. R. 27 E. G. & S. R. M.

Chains.

North on a true line between sections 19 + 24  
Va.  $14^{\circ}10'$  East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

79.00 Top of Ridge, bears S. + W. and descend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 13, 18, 19 + 24  
marked T. 17 N. S. 18, on N. E., R. 27 E., S. 19  
on S. E., S. 24 on S. W. and S. 13 on N. W. face,  
with 3 notches on S. and 3 notches on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation *Bunchgrass*

N. 3 T. 17 N. R. 27 E. G. & S. R. M.

Chains.

North on a true line between sections 13 + 18  
Va. 14% East.

Descend.

40.00 Set a Sand stone 12 x 8 x 4 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/2 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside

77.30 Cross Wash, 10 fks. wide, Course 151 and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 7, 12, 13 + 18 marked T. 17 N. S. 7, on N. E., R. 27 E, S. 18 on S. E., S. 13 on S. W. and S. 12 on N. W. face with 4 notches on S. and 2 notches on W. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.  
Land rolling.

Soil 2nd rate

Vegetation Bunchgrass

W. S. T. 17 N. R. 27 E. G. & S. R. M.

Chains.

North on a true line between sections 7 + 12  
Va. 14° 10' East.

Descend.

40.00 Set a Sand stone 14 x 10 x 10 ins., 9  
ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W.  
face, dug pits, 18 x 18 x 12 ins., N. and S. of stone  
5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high,  
3 1/2 ft. base. alongside

77.4 Cross Wash, 20 fks. wide, Course S 70° W.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 1, 6, 7 + 12  
marked T. 17 N. 6, on N. E., R. 27 E., S. 7  
on S. E., S. 12 on S. W and S. 1 on N. W. face,  
with 5 notches on S. and 1 notch on E edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
around post.  
Land rolling.

Soil 2nd rate

Vegetation Bunchgrass

W. S. T. 17 N. R. 27 E. G. &amp; S. R. M.

Chains.

North on a true line between sections 1 &amp; 6

Va.  $14^{\circ}10'$  East.

Ascend.

4000

Set a post 3 ft. long, 3 ins. diam. with marked stone.  
 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
 N. face, dug pits, 18 x 18 x 12 ins. N. and S. of  
 post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
 high,  $3\frac{1}{2}$  ft. base around post.

8000

Set a sand stone 13 x 12 x 6 ins. 8 ins. in  
 the ground, for Cor. to Tps. 17 and 18 R's 26 and  
 27 E., marked with 6 notches on each edge, dug pits, 24  
 x 18 x 12 ins. lengthwise on each line, N. S. E. and W.  
 of stone, 6 ft. dist., and raised a mound of earth  $2\frac{1}{2}$  ft.  
 high, 5 ft. base. alongside,

Land rolling.

Soil 2nd rate

Vegetation

Punchgrass

Chains.

Before proceeding further with the exteriors of this Sec.  
I made a change of 5 minutes in the latitude arc  
of my solar compass by adding same to  
the reading previously given, and at noon verified and  
corrected same by observation on the sun. I also fur-  
ther tested instrument by reversing.

From the Cor. to Tps. 17 & 18 N Rs. 26. & 27 E

I run East. on a random line on N B. of Tp.

Va. 14° 13' East.

I set temporary corners at every half mile, and at 5 miles  
78.57chs. I arrive at a point 1.6 lks. North of Cor. to Tps.

17 & 18 N Rs. 27 & 28 E from which corner I run  
N. 89° 48' W on a true line between sections 1 & 36

Va. 14° 10' East.

Descend.

4000 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post 5½ ft. dist., and raised a mound of earth 1½ ft.  
high, 3½ ft. base around post.

47.00 Cross Gulch, 5 lks. wide, Course N. 6° and ascend.

54.50 Top of Ridge, bears N. 6° + S. W. and descend.

N. P. T. 17 N. R. 27 E. G. &amp; S. R. M.

## Chains.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 1, 2, 35 + 36  
 marked T. 18 N. S. 36, on N. E., R. 27 E., S. 1  
 on S. E., <sup>417 N</sup> S. 2 on S. W. and S. 35 on N. W. face  
 with 5 notches on ~~it~~ and 1 notch on E. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,  
 and raised a mound of earth 2 ft. high, 4½ ft. base  
 around post. in low Sag and ascend.  
 Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of

cedar

Vegetation

Punchgrass

N. B. T. 17 N. R. 27 E. G. &amp; S. R. M.

Chains.

N.  $89^{\circ} 48'$  W on a true line between sections 2 + 35Va.  $14^{\circ} 10'$  East.

Ascend.

22.00 Top of Ridge, bears N  $20^{\circ} E$  +  $20^{\circ} W$  and descend.40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone,  
12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins.,  $\frac{1}{2}$  and N. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.80.00 Set a post 4 ft. long, 4 ins. square, with marked stone,  
12 ins. in the ground, for Cor. to Secs. 2, 3, 34 + 35  
marked T. 18 N. S. 35, on N. E., R 27 E, S. 2  
on S. E., <sup>17 N</sup> S. 3 on S. W. and S. 34 on N. W. face,  
with 4 notches on W and 2 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate.Timber of  
Vegetationcedar  
Bunchgrass

N. B. T. 17 N. R. 27 E. G. & S. R. M.

Chains,

N.  $89^{\circ}48'$  W on a true line between sections 3 + 34

Va.  $14^{\circ}10'$  East.

Descend.

3.00 Cross Gulch, 10 lks. wide, Course South and ascend.

17.00 Top of Ridge, bears N.  $30^{\circ}$  E + S.  $30^{\circ}$  W and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

55.50 Cross Gulch, 5 lks. wide, Course S.  $30^{\circ}$  W and ascend.

65.50 Top of Ridge, bears NE + S. W and descend.

80.00 Set a Sand stone  $18 \times 12 \times 8$  ins. / 2 ins. in  
the ground for Cor. to Secs. 3, 4, 33 + 34 marked  
with 3 notches on W and 3 notches on E. edges, dug pits  
 $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a  
mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside.

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar

Vegetation Bunchgrass

N. B. T. 17 N. R. 27 E. G. &amp; S. R. M.

Chains.

N. 89° 48' W on a true line between sections 4 + 33

Va. 14° 10' East.

Descend.

16.25 Cross Gulch, 10 lks. wide, Course *SW.* and ascend.40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., *E.* and *W.* of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

63.00 Top of Ridge, bears N. 40° E + S. 40° W and descend.

68.40 Cross Gulch, 10 lks. wide, Course *South* and ascend.80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 4, 5, 32, + 33  
marked T. 18 N S. 33, on N. E., R. 27 E, S. 4  
on S. E. <sup>4.17 N</sup> S. 5 on S. W. and S. 32 on N. W. face  
with 2 notch  $\frac{10}{10}$  on *W* and 4 notch  $\frac{10}{10}$  on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land mountainous and rolling.

Soil 3<sup>rd</sup> rate.

Timber of cedar

Vegetation Bunchgrass

N. 3 T. 17 N. R. 27 E. G. & S. R. M.

Chains.

N.  $89^{\circ}48'$  W. a true line between sections 5 + 32

Va.  $14^{\circ}10'$  East.

Ascend.

11.50 Top of Ridge, bears N.  $\rightarrow$  S and descend.

23.60 Cross Gulch, 5 lks. wide, Course  $\rightarrow$  W. and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins.  $\rightarrow$  E. and  $\rightarrow$  W. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

53.50 Top of Ridge, bears N.  $50^{\circ}$  E + S.  $50^{\circ}$  W. and descend.

62.70 Cross Gulch, 10 lks. wide, Course  $\rightarrow$  W. and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 56, 31 + 32  
marked T. 18 N. S. 32, on N. E., R. 27 E., S. 5  
on S. E., S. 6 on S. W. and S. 31 on N. W. face,  $\rightarrow$   
with 1 notch on W. and 5 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar

Vegetation Bunchgrass

N. B. T. 17 N. R. 27 E. G. & S. R. M.

Chains.

N. 89° 48' W on a true line between sections 6 + 31

Va. 14° 10' East.

Ascend.

27.50 Top of Ridge, bears N. 33° E + S 33° W and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins. E. and W. of  
post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
high, 3 $\frac{1}{2}$  ft. base around post.

78.57 The Cor. to Tps. 17 & 18 N. Rs. 26 & 27

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of

Vegetation

Cedar  
Bunchgrass

October 14<sup>th</sup> 1882,

W. T. 16 N. R. 26 E. G. &amp; S. R. M.

C Chains.

Before proceeding further with the exteriors of this T<sup>p</sup>. I made a change of 10 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 15 & 16 N. Rs. 25 & 26 C

Which is a Sandstone 1249 in. set firmly in the ground marked with 6 watches on each edge with pits 24x18 & 12 in. lengthwise on each line N. S. Ex W. of stone 4 ft. dist. and a wound of earth 2 ft. high 5 ft. base alongside.

North on a true line between sections 31 & 36

Va. 14° 08' East.

Descend.

N. 3 T. 16 N. R. 26 E. G. & S. R. M.

Chains.

- 24.30 Cross Wash, 40 lks. wide, Course *S.* 40° *W* and ascend,
- 36.50 Cross Wash, 130 lks. wide, Course West
- 40.00 Set a Sand stone 12 x 10 x 10 ins., 8 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on *W*. face, dug pits, 18 x 18 x 12 ins. *N.* and *S.* of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside
- 46.65 Cross Wash, 140 lks. wide, Course *S.* 10° *W*
- 80.00 Set a Sand stone 12 x 10 x 9 ins. 8 ins. in the ground for Cor. to Secs. 25, 30, 31 + 36 marked with 1 notch on *S.* and 5 notch on *N.* edges, dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside Land rolling.
- Soil 2<sup>nd</sup> rate
- Vegetation Bunchgrass

W. 3 T. 16 N. R. 26 E. G. & S. R. M.

Chains.

North on a true line between sections 25 + 30

Va. 14° 08' East.

Ascend.

40.00

Set a Sand stone 10 x 10 x 8 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., W. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside

80.00

Set a Sand stone 12 x 10 x 10 ins. 8 ins. in the ground for Cor. to Secs. 19, 24, 25 + 30 marked with 2 notches on S. and 4 notches on W. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high 4 1/2 ft. base. alongside  
Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation Punchgrass

W. 3 T. 16 N. R. 26 E. G. & S. R. M.

chains.

North on a true line between sections 19 + 24  
Va.  $14^{\circ} 8'$  East.

Ascend.

40.00 Set a Sand stone  $16 \times 9 \times 8$  ins., 10  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W.  
face, dug pits,  $18 \times 18 \times 12$  ins. N. and S. of stone  
 $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base. alongside

80.00 Set a Sand stone  $12 \times 10 \times 7$  ins. 8 ins. in  
the ground for Cor. to Secs. 13, 18, 19 + 24 marked  
with 3 notches on S. and 3 notch on N. edges, dug pits  
 $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a  
mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside  
Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation Bunchgrass

N. P. T. 16 N. R. 26 E. G. & S. R. M.

Chains.

North on a true line between sections 13 + 18

Va.  $14^{\circ} 8'$  East.

Ascend.

40.00 Set a Sand stone  $14 \times 12 \times 11$  ins., 10 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on *N.* face, dug pits,  $18 \times 18 \times 12$  ins., *N.* and *S.* of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. *rolling along side.*

41.00 Top of Ridge, bears *E. + N* and descend.

77.70 Cross low Sag and ascend.

80.00 Set a Sand stone  $12 \times 10 \times 6$  ins. 8 ins. in the ground for Cor. to Secs. 7, 12, 13 + 18 marked with 4 notches on *S.* and 2 notches on *N.* edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. *rolling along side.*

Land *rolling*

Soil 2<sup>nd</sup> rate

Vegetation *Bunchgrass*

N. B. T. 16 N. R. 26 E. G. & S. R. M.

Chains.

North on a true line between sections 7 + 12  
 Va.  $14^{\circ} 8'$  East.

Ascend.

- 31.50 Top of Ridge, bears  $S. + W.$  and descend.
- 40.00 Set a Sand stone  $14 \times 12 \times 6$  ins., 9  
 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on  $W.$   
 face, dug pits,  $18 \times 18 \times 12$  ins.  $N.$  and  $S.$  of stone  
 $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base. alongside
- 80.00 Set a Sand stone  $14 \times 12 \times 6$  ins. 10 ins. in  
 the ground for Cor. to Secs. 1, 6, 7 + 12 marked  
 with 5 notches on  $S.$  and 1 notch on  $W.$  edges, dug pits  
 $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a  
 mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside  
 Land rolling.  
 Soil 2<sup>nd</sup> rate  
 Vegetation Bunchgrass

N. 3 T. 16 N. R. 26 E. G. & S. R. M.

Chains.

North on a true line between sections 1 + 6

Va. 14° 8' East.

Descend.

21.60 Cross Wash, 20 lks. wide, Course S. 85° W and ascend.

40.00 Set a Sand stone 13 x 10 x 6 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins. N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside

60.10 Intersect the H<sup>ch</sup> Standard Parallel North at a point 743 chs E of the Standard Cor. to

~~740.17 71, R. 25, S. 27, at which point is a sand stone 16 x 4 ins set in a post 4 1/2 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Standard Cor. to Sec. marked C. 1/4 D on W. face. Pits 17 71, R. 25 and 26 E, marked S. D. with pits 18 x 14 x 12 ins E + W of P. 17 71, on N. R. 26 E, S. 27, on stone 5 1/2 ft. dist., and a mound of earth 1 1/2 ft. high notches on N. and W. faces, dug pits, 24 x 18 x 3 1/2 ft. base alongside 12 ins. apiece on each line, W. E. sides post, 6 ft. dist, and raised a mound of earth 2 1/2 ft. high, 5 ft. base, around post,~~

at point of intersection

N B T. 16 N R. 26 E. G. & S. R. M.

No. 1275

Chains.

Set a post  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Closing Cor. to Tps. 16 N, R's 25 and 26 E, marked C. C.

T: 16 N. on S, R. 26 E. S. 6, on E and R. 26 E S, 1 on W faces with 6 notches on S, E. & W. faces, dug pits, 24 x 18 x 12 ins, crosswise on each line, S, E. & W of post, 6 ft, dist, and raised a mound of earth  $2\frac{1}{2}$  ft, high, 5 ft, base, around post,  
Land rolling.

Soil 2nd rate

Vegetation of B. anchus.

October 16<sup>th</sup> 1882,

N. B. T. 17 N. R. 26 E. G. &amp; S. R. M.

Chains.

Before proceeding ~~further~~ with the exteriors of this T<sup>p</sup>.,  
I made a change of 5 minutes in the latitude arc  
of my solar compass by adding same to  
the reading previously given, and at noon verified and  
corrected same by observation on the sun. I also fur-  
ther tested instrument by reversing.

From the <sup>Standard</sup> Cor. to Tps. 17 N. Rs. 25 & 26

I run,

North on a true line between sections 31 + 36

Va.  $14^{\circ} 8'$  East.

Ascend.

38.00 Top of Ridge, bears N.  $6^{\circ}$  + ~~S~~ and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins. N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 25, 30, 31 + 36  
marked T. 17 N. S. 30, on N. E., R. 26, S. 31  
on S. E., <sup>R. 25</sup> S. 36 on S. W. and S. 25 on N. W. face,  $\Delta$   
with 1 notch on S. and 5 notches on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

1210  
N. B. T. 17 N. R. 26 E. G. & S. R. M.

Chains.

Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar

Vegetation Bunchgrass

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North on a true line between sections 25 + 30

Va. 14° 13 East.

Descend.

17.00 Cross Wash, 5 lks. wide, Course *N.W.* and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
*N.* face, dug pits, 18 x 18 x 12 ins., *N.* and *S.* of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 19, 24, 25 + 30  
marked *T. 17 N.S. 19*, on *N. E.*, *R. 26 E*, *S. 30*  
*R. 25 E*  
on *S. E.*, *S. 25* on *S. W.* and *S. 24* on *N. W.* face,   
with 2 notches on *S.* and 4 notches on *N.* edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

N. B. T. 17 N. R. 26 E. G. & S. R. M.

Chains.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation Bunchgrass

North on a true line between sections 19 + 24

Va. 14° 13' East.

Ascend.

5.50 Top of Ridge, bears N 30° E. S 30° W and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18 x 18 x 12 ins. N. and S. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 13, 18, 19 + 24 marked T. 17 N. 18, on N. E., R. 26 E., S. 19 on S. E., S. 24 / on S. W. and S. 13 on N. W. face, with 3 notches on S. and 3 notches on N. edges, dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land rolling.

Soil 2<sup>o</sup> rate

Vegetation Bunchgrass

W. B. T. 17 N. R. 26 E. G. & S. R. M.

on a true line  
North between sections 7+12

129A

Ascend. Variation  $14^{\circ} 13'$  East.

25.00 *cross low pag and accnt*

4650 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 16, 7+12  
marked T. 17 N. S. 6, on N. E., R. 26 E., S. 7  
on S. E. <sup>R. 25 E.</sup> S. 12 on S. W. and S. 1 on N. W. face,  
with 5 notches on S. and 1 notch on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation

*Bunchgrass*

BOOK 1275

W. 3 T. 17 N. R. 26 E. G. & S. R. M.

ains.

North on a true line between sections 13 + 18

Va.  $14^{\circ} 13'$  East.

Descend.

5.00 Cross low Sag and ascend.

30.00 Top of Ridge, bears  $S. + W.$  and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins. N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 7, 12, 13 + 18  
marked T. 17 N. S. 7, on N. E., R. 26 E., S. 18  
<sup>R. 25 E.</sup>  
on S. E. S. 13 on S. W. and S. 12 on N. W. face, D  
with 4 notches on S. and 2 notches on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil  $2a$ , rate

Vegetation Bunchgrass

W. 3 T. 17 N. R. 26 E. G. & S. R. M.

N. 3 T. 17 N. R. 26 E. G. & S. R. M.

Chains.

North on a true line between sections 1 + 6

Va. 14° 13' East.

Ascend.

4000 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

8000 Set a post, 4 1/2 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor: to Tps. 17 and 18 NR's 25 and 26 marked T, 18 NS. 31 on N. E. R. 26 S: 6 on S. E. T. 17 NS. 1 on S, W, and R, 25 ES, 36 on N, W, faces. with 6 notches on each edge, dug pits 24 x 18 x 12 ins., lengthwise on each line, N, S, E, and W; of post, 6 ft. dist, and raised a mound of earth 2 1/2 ft. high, 5 ft. base around post,

Land rolling.

Soil *Lub* rate

Vegetation *Bunchgrass*

N. B. T. 17 N. R. 26 E. G. &amp; S. R. M.

Chains.

Before proceeding ~~farther~~ with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further ~~the~~ instrument by reversing.

From the Cor. to Tps. 17 & 18 N. Rs. 25. & 26 E.  
I run East. on a random line on N.B. of Tp.

Va.  $14^{\circ} 13'$  East.

I set temporary corners at every half mile, and at 5 miles 78.14 chs. I arrive at a point 12 Chs North of Cor. to Tps, 17 & 18 N. Rs. 26 & 27 E. from which corner I run  $N. 89^{\circ} 51' W$  on a true line between sections 1 & 36,

Ascend. Va.  $14^{\circ} 13'$  East.

37.50 Top of Ridge, bears  $N 40^{\circ} E$   $N 40^{\circ} W$  and descend.

40.00 Set a Sand stone  $12 \times 10 \times 6$  ins., 10 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, dug pits,  $18 \times 18 \times 12$  ins.,  $\frac{1}{8}$  and  $\frac{1}{4}$  of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

80.00 Set a Sand stone  $12 \times 10 \times 10$  ins. 8 ins. in the ground for Cor. to Secs. 1, 2, 35 & 36 marked with 5 notches on W and 1 notch on E. edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a

N. S. T. 17 N. R. 26 E. G. &amp; S. R. M.

chains.

mound of earth 2 ft. high 4½ ft. base. alongside

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation Punchgrass

N. 89° 51' W on a true line between sections 2 + 35

Va. 14° 13' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on  
N. face, dug pits, 18 x 18 x 12 ins., S. and W. of  
post 5½ ft. dist., and raised a mound of earth 1½ ft.  
high, 3½ ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 2, 3, 34 + 35  
marked T. 18 N. S. 35, on N. E., R. 26 E. S. 2  
on S. E., S. 3 on S. W. and S. 34 on N. W. face, P  
with 4 notches on W. and 2 notches on E. edges,  
dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,  
and raised a mound of earth 2 ft. high, 4½ ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation Punchgrass

N. B T. 17 N. R. 26 E. G. & S. R. M.

Chains.

N 89° 51' W on a true line between sections 3 + 34

Va. 14° 13' East.

Descend.

40.00 Set a Sand stone 13 x 11 x 8 ins., 8 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on N. face, dug pits, 18 x 18 x 12 ins., S. and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 3, 4, 33 + 34 marked T. 18 N S. 34, on N. E., R. 26 E, S. 3 on S. E., S. 4 on S. W. and S. 33 on N. W. face, with 3 notches on W and 3 notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation Bunchgrass

N.B.T. 17 N. R. 26 E. G. & S. R. M.

Chains.

N. 89° 51' W on a true line between sections 44 & 33

Va. 14° 13' East.

Descend.

21.60 Cross Wash, 12 lks. wide, Course 168° and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 4, 5, 32 & 33 marked T. 18 N. S. 33, on N. E., R. 26 E., S. 4 on S. E., S. 5 on S. W. and S. 32 on N. W. face, with 2 notches on W and 4 notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land rolling.

Soil 2nd rate

Vegetation Bunchgrass

N. B. T. 17 N. R. 26 E. G. & S. R. M.

Chains.

N. 89° 51' W on a true line between sections 5 + 32

Va. 14° 13' East.

Ascend.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 S. on N. face, dug pits, 18 x 18 x 12 ins. E. and W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

80.00

Set a Sand stone 1 3/4 x 1 1/2 x 1 1/2 ins. 8 ins. in the ground for Cor. to Secs. 5, 6, 31 + 32 marked with 1 notch on W and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high 4 1/2 ft. base. alongside Land rolling.

Soil 2d. rate

Vegetation Bunchgrass

Timber of Cedar

N. B. T. 17 N. R. 26 E. G. & S. R. M.

Chains.

N.  $89^{\circ} 51'$  W. in a true line between sections 6 + 31

Va.  $14^{\circ} 13'$  East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on

N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

78.14 The Cor. to Tps. 17 & 18 N. Rs. 25 & 26 E

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation Bunchgrass

Timber of Cedar

S. B. T. 16 N. R. 25 E. G. &amp; S. R. M.

Chains.

Before proceeding further with the exteriors of this Tp., I made a change of 10 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 15 & 16  $\swarrow$  Rs. 24. & 25<sup>6</sup>  
 I run East. on a random line on S. B. of Tp.

Va.  $13^{\circ} 48'$  East.

I set temporary corners at every half mile, and at 6 miles 5.10chs. I arrive at a point  $\frac{1}{2}$  ~~to the south~~ of Cor. to Tps, 15 & 16  $\swarrow$  Rs. 25 & 26 E. from which corner I run  $S. 88^{\circ} 55' W$  on a true line between sections 1 & 36

Va.  $14^{\circ} 8'$  East.

Descend.

19.20 Enter wash course south

24.40 Leave wash course south

40.00 Set a sand stone  $18 \times 10 \times 10$  ins., 12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N. face, dug pits,  $18 \times 18 \times 12$  ins. E. and W. of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

*SB* T. 16 N. R. 25 E. G. & S. R. M.

Chains.

80.00 Set a *Sand* stone  $16 \times 15 \times 16$  ins. 10 ins. in the ground for Cor. to Secs. 1, 2, 3, 5 + 36 marked with 5 notches on *W* and 1 notch on *E.* edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation *Bunchgrass*

*A. 88° 53'* Non a true line between sections 2 + 35

Va.  $13^{\circ} 42'$  East.

Over level land

40.00 Set a *Sand* stone  $18 \times 8 \times 8$  ins., 12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on *N.* face, dug pits,  $18 \times 18 \times 12$  ins., *S.* and *W.* of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

80.00 Set a *Sand* stone  $24 \times 8 \times 4$  ins. 18 ins. in the ground for Cor. to Secs. 2, 3, 34 + 35 marked with 4 notches on *W.* and 2 notches on *E.* edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside

S. B. T. 16 N. R. 25 E. G. &amp; S. R. M.

Chains.

Land level.

Soil 2<sup>nd</sup> rate

Vegetation

Bunchgrass

A. 88° 53' W on a true line between sections 3 + 34

Va. 13.° 43' East.

2.00 Over level land  
Leave Flat bears N.E. & S.W. and ascend:40.00 Set a Sand stone 14 x 12 x 4 ins., 9  
ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N.  
face, dug pits, 18 x 18 x 12 ins., S. and W. of stone  
5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high,  
3 1/2 ft. base, alongside

53.00 Top of bluff N.E. &amp; S.W. and descend.

80.00 Set a Sand stone 6 x 8 x 4 ins. 2 cins. in  
the ground for Cor. to Secs. 3, 4, 33 + 34 marked  
with 3 notches on W. and 3 notches on E. edges, dug pits  
18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a  
mound of earth 2 ft. high 4 1/2 ft. base, alongside  
in low Sag and ascend.  
Land rolling.Soil 2<sup>nd</sup> rate

Vegetation

Bunchgrass

A. B. T. 16 N. R. 25 E. G. & S. R. M.

Chains.

$\backslash 88^{\circ}53'$  On a true line between sections 4 + 33

Va.  $13^{\circ}42'$  East.

Ascend.

40.00 Set a Sand stone  $24 \times 8 \times 4$  ins., 18 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N. face, dug pits,  $18 \times 18 \times 12$  ins.  $\text{S}$  and  $\text{N}$ . of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside on

Top of Spur, bears  $\text{N} \text{ } 45^{\circ} \text{ E}$  and descend.

78.00 Cross low Sag and ascend.

80.00 Set a Sand stone  $15 \times 9 \times 4$  ins. 12 ins. in the ground for Cor. to Secs. 4, 5, 32 + 33 marked with 2 notches on  $\text{W}$  and 4 notches on E. edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation. Bunchgrass

10 T. 16 N. R. 25 E. G. & S. R. M.

Chains.

$S. 88^{\circ} 53' N$  on a true line between sections 5 + 32

$Va. 13^{\circ} 42'$  East.

Ascend.

2500 Top of Ridge, bears  $N. 45^{\circ} E$   $S. 45^{\circ} N$  and descend.

4000 Set a Sand stone  $15 \times 14 \times 6$  ins. 10 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N. face, dug pits,  $18 \times 18 \times 12$  ins.  $S$  and  $N$ . of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

80.00 Set a Sand stone  $15 \times 17 \times 5$  ins. 10 ins. in the ground for Cor. to Secs. 5, 6, 31 + 32 marked with 1 notch on  $N$  and 5 notches on E. edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside

Land rolling.

Soil 2nd rate

Vegetation

Bunchgrass

AB T. 16 N. R. 25 E. G. & S. R. M.

Chains.

1885.5' W on a true line between sections 6 + 31

Va. 13' 42" East.

Descend.

40.00 Set a sand stone 18 x 10 x 6 ins. 12  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N.  
face, dug pits, 18 x 18 x 12 ins. E. and W. of stone  
5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high,  
3 $\frac{1}{2}$  ft. base. *alongside*

85.10 The Cor. to Tps. 15 & 16 N. Rs. 24 & 25 E

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation *Bunchgrass*  
October 17<sup>th</sup> 1882.

S. B. T. 16 N. R. 24 E. G. & S. R. M.

Note: retraced by Rockfellow Jan 27, 1902

Chains.

From the Cor. to Tps. 15 & 16 N., Rs. 24. & 25 E.

I run ~~S. 1/2~~ West on a random line on S. B. of Tp.

Va.  $13^{\circ} 48'$  East.

I set temporary corners at every half mile, and at 6 miles  
4.88 chs. I arrive at a point 1/2 lks. North of Cor. to Tps.

15 & 16 N., Rs. 23 & 24 E.,

Which is a sand stone  $18 \times 14 \times 6$  ins. 12 ins. in  
the ground, for Cor. to Tps. 15 and 16 N. R's 23 and  
24 E., marked with 6 notches on each edge, dug pits,  $24$   
 $\times 18 \times 12$  ins. lengthwise on each line, N. S. E. and W.  
of stone, 6 ft. dist., and raised a mound of earth  $2\frac{1}{2}$  ft.  
high, 5 ft. base. alongside From which corner I run.

N.  $88^{\circ} 20' E.$  on a true line between sections 6 and 31.

Va.  $13^{\circ} 50'$  East.

Descend.

44.88 Set a Sand stone  $12 \times 12 \times 8$  ins., 8  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N.  
face, dug pits,  $18 \times 18 \times 12$  ins., E. and W. of stone  
 $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base. alongside

65.00 Cross low Sag and ascend.

S. B. T. 16 N. R. 24 E. G. &amp; S. R. M.

Chains:

U.  $88^{\circ} 20' E$  on a true line between sections 4 and 33,

Va.  $14^{\circ} 30'$  East

Descend.

12.00 Enter Valley, near N. & S.

21.00 Cross Wash, 38 lks. wide, Course S.  $20^{\circ} E$ ,

40.00 Set a sandstone  $18 \times 11 \times 6$  ins., 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, dug pits,  $18 \times 18 \times 12$  ins. E. and W. of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

45.20 Cross Wash, 125 lks. wide, Course S.  $40^{\circ} W$ .

80.00 Set a sandstone  $16 \times 16 \times 6$  ins. 11 ins. in the ground for Cor. to Secs. 3, 4, 33 & 34, marked with 3 notches on W. and 3 notches on E. edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside  
Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

S. B. T. 16 N R. 24 E. G. &amp; S. R. M.

Chains,

$N. 88^{\circ} 20' E.$  on a true line between sections 3 <sup>Sec 34,</sup>

$Va. 14^{\circ} 35' East.$

Over rolling land.

40.00

Set a Sandstone  $12 \times 9 \times 9$  ins., 8  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on  $N.$   
face, dug pits,  $18 \times 18 \times 12$  ins.,  $E.$  and  $W.$  of stone  
 $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base. alongside

80.00

Set a Sandstone  $8 \times 11 \times 7$  ins. 12 ins. in  
the ground for Cor. to Secs. 2, 3, 34 <sup>Sec 35,</sup> marked  
with 4 notches on  $N.$  and 2 notches on  $E.$  edges, dug pits  
 $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a  
mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside  
Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

S. 18. T. 16 N. R. 24 E. G. & S. R. M.

Chains.

$4.88^{\circ} 20' 6''$  on a true line between sections 21 and 30.

Va.  $14^{\circ} 30'$  East.

Over rolling land.

40.00

Set a Sand stone  $10 \times 10 \times 7$  ins., 7 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, dug pits,  $18 \times 18 \times 12$  ins., E. and W. of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. *alongside*

80.00

Set a Sand stone  $18 \times 16 \times 3$  ins., 12 ins. in the ground for Cor. to Secs. 1, 2, 30 & 36, marked with 5 notches on W. and  $\blacktriangledown$  notch on E. edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. *alongside*  
Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of *Bunchgrass*.

S. B. T. 16 N. R. 24 E. G. &amp; S. R. M.

Chains.

$N 88^{\circ} 20' E$  on a true line between sections 1 and 36.

Va.  $140^{\circ} 35'$  East.

Over rolling land.

40.00 Set a sand stone  $14 \times 8 \times 2$  ins., 7 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, dug pits,  $18 \times 18 \times 12$  ins., E. and W. of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. *alongside*.

72.00 Leave Valley, bears N. E. & S. W. and ascend.

80.00 The Cor. to Tps. 15- & 16 N. Rs. 24 & 25 E.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of *Bunchgrass*.

W. 18, T. 16 N. R. 24 E. G. & S. R. M.

Chains,

From the Cor. to Tps. 15 & 16 N. Rs. 28 & 24 E,  
I run,

North on a true line between sections 31 and 36,

Va.  $130^{\circ} 50'$  East.

Ascend.

40.00 Set a Sand stone  $17 \times 15 \times 3$  ins., 11  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W.  
face, dug pits,  $18 \times 18 \times 12$  ins., N. and S. of stone  
 $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base. alongside

73.00 Top of Spur, bears E. and W. and descend.

80.00 Set a Sand stone  $13 \times 12 \times 10$  ins. 9 ins. in  
the ground for Cor. to Secs. 25, 30, 31 & 36, marked  
with notch on S. and 5 notches on W. edges, dug pits  
 $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a  
mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

W. B. T. 16 N. R. 24 E. G. & S. R. M.

Chains.

North on a true line between sections  $25^{\circ}$   $\text{Qu}$  30.

Va.  $13^{\circ}$   $50'$  East.

Descend.

30.00 Cross low Sag and ascend.

40.00 Set a Sand stone  $14 \times 10 \times 4$  ins., 9 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, dug pits,  $18 \times 18 \times 12$  ins., N. and S. of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

45.00 Top of Spur, bears  $N. 30^{\circ} E.$   $\text{Qu}$   $S. 30^{\circ} W$  and descend.

80.00 Set a Sand stone  $16 \times 10 \times 8$  ins. 11 ins. in the ground for Cor. to Secs. 19, 24, 25 & 30, marked with 2 notches on S. and ~~1~~ notch on N. edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside  
Land rolling.

Soil 2 ~~nd~~ rate

Vegetation of Bunchgrass.

W. B. T. 16 N. R. 24 E. G. & S. R. M.

Chains.

North on a true line between sections 19 <sup>and</sup> 24  
Va. 130 50 East.

Ascend.

40.00 Set a Sand stone 14 x 13 x 7 ins., 9  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W.  
face, dug pits, 18 x 18 x 12 ins., N. and S. of stone  
5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high,  
3 $\frac{1}{2}$  ft. base. alongside

43.00 Top of Spur, bears E. <sup>and</sup> W. and descend.

80.00 Set a Sand stone 15 x 12 x 8 ins. 10 ins. in  
the ground for Cor. to Secs. 17, 18, 19 <sup>and</sup> 24, marked  
with 3 notches on S. and 3 notch  $\curvearrowright$  on N. edges, dug pits  
18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist., and raised a  
mound of earth 2 ft. high 4 $\frac{1}{2}$  ft. base. alongside

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

North on a true line between sections 13 <sup>and</sup> 14.  
Va. 13° 50' East.

Over rolling land.

30.00 Ascend.

37.00 Top of Spur, bears E. <sup>and</sup> W. and descend.

40.00 Set a Sand stone 14 x 14 x 4 ins., 12 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on SW. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. <sup>alongside</sup> low Sag and ascend.

77.00 Top of Spur, bears N. 45° E. <sup>and</sup> S. 45° W. and descend.

80.00 Set a Sand stone 10 x 10 x 5 ins. 11 ins. in the ground for Cor. to Secs. 7, 12, 13 & 18, marked with 4 notches on S. and 2 notches on N. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high 4 1/2 ft. base. <sup>alongside</sup>

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunch grass.

North on a true line between sections 7 <sup>and</sup> 18.  
Va. 10° 50' East.

Ascend. Over rolling land.

15.00 Enter barren hills, bear N. E. & S. W.

30.00 Top of Ridge, bears N. E. <sup>and</sup> S. W. and descend.

32.00 Enter Flat bears N. E. <sup>and</sup> S. W.

40.00 Set a Sand stone 18 x 14 x 8 ins., 12 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. <sup>alongside</sup>

80.00 Set a flint stone 17 x 12 x 6 ins. 11 ins. in the ground for Cor. to Secs. 1, 8, 7 & 12, marked with 5 notches on S. and 1 notch on N. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high 4 1/2 ft. base. <sup>alongside</sup>

Land rolling.

Soil 2<sup>nd</sup> rate

W. B. T. 16 N. R. 24 E. G. & S. R. M.

Chains,

North on a true line between sections 7 and 6  
Va. 13° 50' East.

Over rolling land.

40.00 Set a flint stone 16 x 12 x 4 ins., 11  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{2}$  on W.  
face, dug pits, 18 x 18 x 12 ins., N. and S. of stone  
5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high,  
3 $\frac{1}{2}$  ft. base. *along side*

42.00 Ascend.

80.05 Intersect the 4<sup>th</sup> Standard Parallel North at a  
point 32.90 chs. West of the Standard Cor. to  
Tps. 17 N., Rs. 25 and 24 E., at which  
is a sand stone 24 x 12 x 6 ins. 18 ins. in the  
ground for Standard Cor. to Tps. 17 N., R's 23  
and 24 E., marked S. C., with 6 notches on N., E. & W.  
edges, dug pits 24 x 18 x 12 ins. cross wise on each line,  
N. & W. of stone 6 ft. dist. and raised a mound of  
earth, 2 $\frac{1}{2}$  ft. high, 5 ft. base. *along side at point of intersection*

Set a flint stone 14 x 10 x 7 ins. 9 ins. in the  
ground for Closing Cor. to Tps. 16 N., R's 23  
and 24 E., marked C. C., with 6 notches on S., E. & W.  
edges, dug pits 24 x 18 x 12 ins. crosswise on each line,  
S., E. & W. of stone 6 ft. dist. and raised a mound of  
earth, 2 $\frac{1}{2}$  ft. high, 5 ft. base. *along side*

W. B. T. 16 N. R. 24 E. G. & S. R. M.

Chains.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

October 21<sup>st</sup> 1882.

Resurvey  
S. B. T. 16 N. R. 23 E. G. & S. R. M.

Chains.

From the Cor. to Tps. 15 & 16 N., Rs. 23 & 24 <sup>6</sup>

I run West on a random line on S. B. of Tp.

Va.  $13^{\circ} 50'$  East.

I set temporary corners at every half mile, and at 6 miles  
11.27 chs. I arrive at a point 182 lks. North of Cor. to Tps,

15 and 16 N., Rs. 22 and 23 E.,

Which is a Post properly marked  
and notched, set firmly in  
the ground, with pits dug  
lengthwise on each line, and  
mound of earth around posts.

From which corner I run.

N.  $89^{\circ} 47' E$ , on a true line between sections 6 and 31.

Va.  $13^{\circ} 50'$  East.

Descend.

2.50 Cross low Sag and ascend.

30.00 Top of Spur, bears N.  $40^{\circ} E$ . and S.  $40^{\circ} W$ . and descend.

✓ 51.27 Set a sand stone  $10 \times 10 \times 6$  ins., 7  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N.

Chains.

face, dug pits, 18 x 18 x 12 ins., E. and W. of stone  
5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high,  
3 1/2 ft. base. alongside

55.00 Enter Flat bears N. E. and S. W.

61.00 Ascend.

65.00 Top of Hill bears N. and S. and descend.

91.27 Set a Sand stone 11 x 9 x 6 ins. 7 ins. in  
the ground for Cor. to Secs. 5, 6, 31 & 32, marked  
with / notch on W and 5 notches on E. edges, dug pits  
18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a  
mound of earth 2 ft. high 4 1/2 ft. base. alongside

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Barntown grass.

BOOK 121  
 S. B. T. 16 N. R. 23 E. G. & S. R. M.

ains.

N. 89° 47' E, on a true line between sections 5 and 32.

Va. 18° 47' East.

Descend.

15.00 Enter Flat bears N. E. and S. W.

40.00 Set a Sand stone 18 x 10 x 6 ins., 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

50.00 Ascend.

53.00 Top of Spur, bears N. 15° E. and S. 15° W. and descend.

63.00 Cross low Sag and ascend.

80.00 Set a Saw stone 12 x 12 x 5 ins. 8 ins. in the ground for Cor. to Secs. 4, 5, 32 and 33, marked with 2 notches on N. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

S. B. T. 16 N. R. 23 E. G. & S. R. M.

Chains.

N. 89° 47' E. on a true line between sections 4<sup>th</sup> and 33,  
Va. 13° 47' East

Ascend.

30.00 Top of Spur, bears N. and S. and descend.

32.00 Enter Flat bears N. W. and S. E.

40.00 Set a Sandstone 15 x 10 x 4 ins., 10  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
face, dug pits, 18 x 18 x 12 ins., E. and W. of stone  
5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high,  
3 $\frac{1}{2}$  ft. base. alongside

50.00 Ascend.

65.00 Top of Bluff, bears N. W. and S. E.

68.00 Descend.

71.00 Enter Flat bears N. W. and S. E.

78.00 Ascend.

80.00 Set a Lava stone 40 x 40 x 25 ins. 30 ins. in  
the ground for Cor. to Secs. 3, 4, 33 & 34, marked  
with 3 notches on W. and 3 notches on E. edges, dug pits  
18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist., and raised a  
mound of earth 2 ft. high 4 $\frac{1}{2}$  ft. base. alongside  
Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

S. B. T. 16 N. R. 23 E. G. &amp; S. R. M.

Chains.

N.  $89^{\circ}47'$  E. on a true line between sections 3 and 34.Va.  $130^{\circ}47'$  East

Ascend.

2.00 Top of Hill bears N. E. and S. W. and descend.

5.50 Enter Flat bears N. E. and S. W.

40.00 Set a sand stone  $15 \times 14 \times 8$  ins., 10 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, dug pits,  $18 \times 18 \times 12$  ins., E. and W. of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

70.50 Leave Flat bears N. E. and S. W. and ascend:

80.00 Set a sand stone  $18 \times 10 \times 4$  ins. 12 ins. in the ground for Cor. to Secs. 2, 3, 34 & 35, marked with 4 notches on W and 2 notches on E. edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

S. B. T. 16 N. R. 23 E. G. &amp; S. R. M.

Chains.

$N. 89^{\circ} 47' E.$  on a true line between sections 2 <sup>and 35</sup>

$Va. 13^{\circ} 47' East.$

Ascend.

12.00 Top of Hill bears  $N. E.$  and  $S. W.$  and descend.

40.00 Set a Sandstone  $10 \times 10 \times 6$  ins., 7 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on  $N.$  face, dug pits,  $18 \times 18 \times 12$  ins.,  $E.$  and  $W.$  of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

80.00 Set a petrified wood stone  $20 \times 10 \times 6$  ins.  $15$  ins. in the ground for Cor. to Secs. 1, 2, 35-36, marked with 5 notches on  $N.$  and 1 notch on  $E.$  edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside  
Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of *Bunchgrass*.

S. B. T. 16 N. R. 23 E. G. &amp; S. R. M.

## Chains.

N. 89° 47' E. on a true line between sections 1 and 36.

Va. 13° 47' East.

Ascend.

12.50 Top of Spur, bears N. W. S. and descend.

40.00 Set a Sand stone 16 x 12 x 8 ins., 11 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

44.00 Enter Flat bears N. E. and S. W.

59.00 Leave Flat bears N. E. and S. W. and ascend.

80.00 The Cor. to Tps. 15 & 16 N. Rs. 23 & 24 E.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

W. B. T. 16 N. R. 23 E. G. & S. R. M.

Chains.

Retracing

From the Cor. to Tps. 15 & 16 N. Rs. 22 & 23 E,  
I run,

North on a random line between sections 31 & 36

Variation  $13^{\circ} 50'$  East.

40.20 To a point 8 lks. West of  $\frac{1}{4}$  sec. cor.

Which is a

post 3 ft. long, 3 ins. diam. with marked stone,  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, with pits, 18 x 18 x 12 ins., N. and E. of  
post  $5\frac{1}{2}$  ft. dist., ~~with~~ with a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

The return course is therefore S, 0° 7' W

From the  $\frac{1}{4}$  Sec. Cor. I continue North

80.48 To a point 12 lks. East of cor. to  
secs. 25, 30, 31 and 36, Which is a

post 4 ft. long, 4 ins. square, with marked stone,  
12 ins. in the ground, for Cor. to Secs. 25, 30, 31, & 36,  
marked T. 16 N., S. 30, on N. E., R. 23 E., S. 31  
on S. E., S. 36 on S. W. and S. 25 on N. W. face,  $\circ$   
with / notch on S. and 5 notch  $\circ$  on W. edges;  
with pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and with a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

W. B. T. 16 N. R. 23 E. G. &amp; S. R. M.

chains,

Retracing

The return course is therefore  $S, 0^{\circ} 10' E,$

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North on a random line between sections 25 & 30.

Variation  $13^{\circ} 50'$  East

H.O. 17 To a point 14 lks. East of  $\frac{1}{4}$  sec. cor.

Which is a

post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face, with pits, 18 x 18 x 12 ins., N. and S. of post  $5\frac{1}{2}$  ft. dist., and with a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

The return course is therefore  $S, 0^{\circ} 12' E,$

From the  $\frac{1}{4}$  Sec. Cor. 1 continue North

S.O. 41 The corner to sections 19, 24, 25 & 30, Which is a

post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 19, 24, 25 & 30,

marked T. 16 N., S. 19, on N. E., R. 23 E., S. 30

on S. E. S. 25 on S. W and S. 24 on N. W. face, <sup>R. 22 E.</sup>

with 2 notch  $\infty$  on S. and 4 notches  $\infty$  on N. edges; with pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and with a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base around post.

The return course is therefore  $D$  out

W. B. T. 16 N. R. 23 E. G. &amp; S. R. M.

Chains.

Retracing

North on a random line between sections 19 & 24  
Variation  $13^{\circ} 50'$  East.

40.31 To a point 12 lks. East of  $\frac{1}{4}$  sec. cor.

Which is a sand stone  $20 \times 10 \times 7$  ins.,  $1\frac{1}{2}$  ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, ~~any~~ pits,  $18 \times 18 \times 12$  ins., N. and S. of stone  $5\frac{1}{2}$  ft. dist., and  a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

The return course is therefore  $S. 0^{\circ} 10' E.$

From the  $\frac{1}{4}$  Sec. Cor. I continue. North

80.50 To a point 9 lks. West of cor. to  
secs. 13, 15, 19 and 24, Which is a

post 4 ft. long, 4 ins. square, with marked stone  
12 ins. in the ground, for Cor. to Secs. 13, 18, 19, 24,  
marked T. 16 N., S. 18 on N. E., R. 23 E., S. 19  
on S. E., S. 24 on S. W. and S. 13 on N. W. face, O  
with 3 notches on S. and 3 notches on N. edges;  
with pits,  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and with a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

The return course is therefore  $S. 0^{\circ} 8' W.$

W. B. T. 16 N R. 23 E. G. &amp; S. R. M.

Chains.

Retracing

North on a random line between sections 13 &amp; 18

Variation  $13^{\circ}07'$  East.No. 22 To a point 5 lks. East of  $\frac{1}{4}$  sec. cor.

Which is a

post 3 ft. long, 3 ins. diam. with marked stone.  
 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., and  $\frac{1}{4}$  S. on  
 W. face, ~~with~~ pits, 18 x 18 x 12 ins., N. and S. of  
 post  $5\frac{1}{2}$  ft. dist., and ~~with~~ a mound of earth  $1\frac{1}{2}$  ft.  
 high,  $3\frac{1}{2}$  ft. base around post.

The return course is therefore S.  $0^{\circ}4'$  E.From the  $\frac{1}{4}$  Sec. Cor. I continue NorthSo. 40 To a point 13 lks. West of cor. to  
secs. 7, 12, 13 and 18 which is

A post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 7, 12, 13, & 18  
 marked T. 16 N., S. 7, on N. E., R. 23 E., S. 18  
 on S. E., S. 13 on S. W. and S. 12 on N. W. face, 0  
 with 4 notches on S. and 2 notches on ~~the~~ edges;  
~~with~~ pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
 and ~~with~~ a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
 around post.

The return course is therefore S.  $0^{\circ}11'$  W.

W. B. T. 16 N. R. 23 E. G. &amp; S. R. M.

Chains.

Retracing

North on a random line between sections 7 &amp; 12

Variation  $13^{\circ}00'$  East.40.26 To a point 13 lks. West of  $\frac{1}{4}$  sec. cor.which I find nearly destroyed,  
To reestablish same, ISet a sand stone  $16 \times 10 \times 8$  ins., 11  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W.  
face, dug pits,  $18 \times 18 \times 12$  ins., N. and S. of stone  
 $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base. alongsideThe return course is therefore  $S. 0^{\circ} 11' W.$ From the  $\frac{1}{4}$  Sec. Cor. I continue North80.49 To a point 17 lks. East of cor. to  
secs. 1, 6, 7 <sup>and</sup> 12, Which is a

a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs.

marked T. 16 N. S. 6, on N. E., R. 23 E., S. 7.

on S. E. S. 12 on S. W. and S. 1 on N. W. face,  
with 5 notches on S. and 1 notch on N. edges;with pits,  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and ~~with~~ a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.The return course is therefore  $S. 0^{\circ} 15' E.$

W. B. T. 16 N R. 23 E. G. & S. R. M.

Chains.

Retracing

For final oaths see book 13, subdivision of T. 18 N., R. 28 E.

North on a random line between sections 1 & 6  
Variation 13° 50' East.

40.23

To a point 12 lks. East of 1/4 sec. cor.  
which I find nearly destroyed  
To reestablish same I

20° 10' 6"

Set a Sand stone 2 x 10 x 5 ins., 8  
ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W.  
face, dug pits, 18 x 18 x 12 ins., N. and S. of stone  
5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high,  
3 1/2 ft. base. alongside

The return course is therefore

From the 1/4 Sec. Cor. I continue.

50.118

To a point 9 lk East <sup>of Closing</sup> ~~The~~ Cor. to Tps.

16 N. Rs. 22 & 23 E Which is a  
post 4 1/2 ft. long, 4 ins. square, with marked  
stone 12 ins. in the ground, for <sup>Closing cor</sup> Standard Cor. to  
Tps. ~~16~~ N., R's 22 and 23 E. marked ~~E. C.~~

T: ~~16~~ N. on ~~16~~ R. 23 E. S. 31, on  
E and R. 22 & S. 36 on W. faces with 8  
notches on ~~N.~~ E. & W. faces, ~~16~~ pits, 24 x 18 x  
12 ins, crosswise on each line, ~~16~~ E. & W. of post, 6  
ft. dist, and ~~and~~ a mound of earth 2 1/2 ft. high, 5  
ft. base, around post,

October 23<sup>rd</sup> 1882.

U. S. Surveyor General's Office,

TUCSON, ARIZONA,

July 31 1883

The foregoing Field Notes of the Survey of the

Eastern Lines of Francisco  
 16. 17 & 18 North, Ranges  
 23, 24, 25, 26, 27, 28, 29, 30 & 31  
 East,

Of the Gila and Salt River Base and Meridian, Arizona, execu-  
 ted by Henry A. Coe,

Deputy Surveyor, under his contract of the 20<sup>th</sup>  
 day of July, 1882, having been

critically examined and the necessary corrections and explana-  
 tions made, the said Field Notes and the surveys they describe  
 are hereby approved.

J. M. Robinson  
 Surveyor General.