

Indexed

Book No 5

Henry C. Coe Deputy Surveyor.

T. *16 North* **R.** *28 East*

Gila and Salt River Meridian.

No-254

FIELD NOTES

OF

BOOK 254

THE SUBDIVISION LINES OF

Township *16 North* Range *28 East*

Gila and Salt River Meridian.

BY

Henry C. Coe Deputy Surveyor.

Under his Contract of *July 20th* 1882

Survey Commenced *Nov. 18th* 1882

Survey Completed *Nov. 21st* 1882

No-254

Platted,
Copied for Washington,
Copied for Register,

254

Township No. 16 N Range No. 28 E C & L B Meridian.





TOWNSHIP PLOT.

- Meridian Line,*
- Base Line,*
- Standard Line,*
- Township Lines,*
- Section Lines,*
- Meander Lines,*
- Office Work,*

1A

Township 16 North, Range 28 East,
 Gila and Salt River Meridian.

6	00	5	44	4	33	3	22	2	11	1
59		58		43		32		21		10
7	57	8	42	9	31	10	20	11	9	12
53		55		41		30		19		8
18	54	17	40	16	29	15	18	14	7	13
53		52		39		28		17		6
19	51	20	38	21	27	22	16	23	5	24
50		49		37		26		15		4
30	48	29	36	28	25	27	14	26	3	25
47		46		35		24		13		2
31	45	32	34	33	23	34	12	35	1	36

O.K.

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Township

Range

Meridian.

For Preliminary Data
see Book No. 1 -
Survey of 4th Standard
Parallel

Survey commenced
Nov 17 - 1872

Survey made with Burt's Patent Improved Solar
Compass nearly new, and in first rate order. Made
by John Roach of San Francisco
Cal. in 1879

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

1^c Township 16 N. Range 28 E

(See previous page.) Gila and Salt River Meridian.

Chains

From the corner to Sections 35, 36, 1 and 2 on the South boundary, ^{Which is a}
~~post 4 ft. long, 4 ins. square, with marked stone~~ Jf
 12 ins. in the ground, for Cor. to Secs. 1, 2, 3 & 36
 marked T. 16 N. S. 36, or N. E., R. 28 E., S. 1
^{T. 16 N.}
 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., 5 1/2 ft. dist.,
 and raised a mound of earth 2 ft. high 4 1/2 ft. base
 around post. Recently established by me
 North between sections 35 & 36

Ascend. Variation 14° 30' East.

22.00
40.00

Enter Timber, E & W.
 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
 for 1/2 Sec. Cor., marked 1/2 S. on W. face; from which
 A Cedar 20 ins. diam. bears S 81° W. 71 lks. dist.
 marked 1/2 S. B. T.
 A Cedar 14 ins. diam. bears S 16° E. 29 lks. dist.
 marked 1/2 S. B. T.

80.00

Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground,
 for Cor. to Secs. 25, 26, 35 & 36 marked T. 16 N.
 S. 25 on N. E., R. 28 E., S. 36 on S. E., S. 35 on
 S. W. and S. 26 on N. W. faces, with 1 notch on
 S. and 1 notch on E. edges; from which
 A Cedar 14 ins. diam. bears N 10° W. 110 lks. dist.
 marked T. 16 N. R. 28 E., S. 26 B. T.
 A Cedar 10 ins. diam. bears N 14° E. 125 lks. dist.
 marked T. 16 N. R. 28 E., S. 25 B. T.
 A Cedar 12 ins. diam. bears S 20° E. 57 lks. dist.
 marked T. 16 N. R. 28 E., S. 36 B. T.
 A Cedar 24 ins. diam. bears S 32° W. 95 lks. dist.
 marked T. 16 N. R. 28 E., S. 35 B. T.

Land mountainous and rolling.

Soil 2nd. rate.

Timber of Cedar
 Vegetation bunchgrass

Township 16 N Range 28 E

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 25 and 36.

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

Descend.

- 7.25 Cross Wash, 4 lks. wide, Course South and ascend.
- 38.00 Top of Spur, bears N. & S. and descend.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.

54.70 Cross low Sag and ascend.

80.17 Intersect C. B. of Tp. 41 lks. South of cor. to secs.

~~25.30.31 & 36 recently set which is a~~
 post 4 ft. long, 4 ins. square, 24 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., S. 36 on S. W. and S. 25 on N. W. faces, with 1 notch on

S. and S notches on N. edges; from which

- ~~A Cedar 16 ins. diam. bears N. 88° B. T. 19 lks. dist.~~
- ~~A Cedar 18 ins. diam. bears S. 30° B. T. 12 lks. dist.~~
- ~~A Cedar 16 ins. diam. bears S. 41° W. 7 lks. dist.~~
- ~~A Cedar 11 ins. diam. bears N. 78° W. 116 lks. dist.~~

~~marked T. 16 N. R. 28 E, S. 36 B. T. 116 lks. dist.~~
~~marked T. 16 N. R. 28 E, S. 25 B. T.~~
 From which corner I run.

~~S. 89° 42' W. on a true line between sections 25 & 36~~

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

- 40.09 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.

80.17 The corner to sections 25.26.35 & 36

Land rolling and mountainous.

Soil 2nd. rate
 Vegetation bunchgrass

Township 16 N. Range 28 E.

Gila and Salt River Meridian.

Chains

North, between Sections 25 and 26.

Variation $14^{\circ}30'$ 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 which
 A Cedar 20 ins. diam. bears $N. 27^{\circ} E.$ 116 lks. dist. marked $\frac{1}{4}$ S. B. T.
- A Cedar 16 ins. diam. bears $S 62^{\circ} W.$ 47 lks. dist. marked $\frac{1}{4}$ S. B. T.
- 67.50 Top of Ridge, bears $N. 30^{\circ} E. \& S. 30^{\circ} W.$ 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. 23, 24, 25 & 26 marked T. 16 N. S. 24, on N. E., R. 28 E., S. 25 on S. E., S. 26 on S. W. and S. 23 on N. W. face, with 2 notches on S. 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 mountainous and rolling.
 Soil 2nd. rate.
 Timber of Cedar,
 Vegetation bunchgrass

Township 16 N. Range 28 E.

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 24 and 25.

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

Ascend.

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

Set temporary $\frac{1}{4}$ sec. cor.

Intersect $E. B.$ of Tp. 33 lks. South of cor. to secs.

19. 24. 25 & 30 ~~recor. by settlement~~ Which is a post 4 ft. long, 4 ins. square, 24 ins. in the ground,

for Cor. to Secs. 19. 24. 25 & 30 marked T. 16 N.

S. 19 on N. E., R. 29 $E.$, S. 30 on S. E., S. 25 on

S. W. and S. 24 on N. W. faces, with 2 notches on

S and 4 notches on $N. W.$ edges; from which

A Cedar 12 ins. diam. bears $A. 67^{\circ}$ 22 lks. dist. marked T. 16 N. R. 29 $E.$, S. 19 B. T.

A Cedar 18 ins. diam. bears $S. 66^{\circ}$ 82 lks. dist. marked T. 16 N. R. 29 $E.$, S. 30 B. T.

A Cedar 12 ins. diam. bears $S. 19^{\circ}$ 32 lks. dist. marked T. 16 N. R. 28 $E.$, S. 25 B. T.

A Cedar 10 ins. diam. bears $A. 57^{\circ}$ 18 lks. dist. marked T. 16 N. R. 28 $E.$, S. 24 B. T.

From which corner I run.

$S. 89^{\circ}46' W.$ on a true line between sections 24 & 25

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

40.05 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.

80.09 The corner to sections 23. 24. 25 & 26

Land rolling and mountainous.

Soil 2nd rate
Vegetation timbergrass
Timber of Cedar

Township 16 Range 28 E

Gila and Salt River

Meridian.

Chains

North, between Sections 23 and 24.

Variation $14^{\circ} 30'$ 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, 14, 23 & 24 marked T. 16 N.S. 13 on N. E., R 28 E, S. 24 on S. E., S. 23 on S. W. and S. 14 on N. W. face, with 3 notches on S. 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 and mountainous.

Soil 2nd. rate

Vegetation bunchgrass

Township 16 N. Range 28 E

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 13 and 24.

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

Ascend.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

50.00 Top of Mesa, bears N. 20° E. & S. 21° W and descend.

79.97 Intersect C.B. of Tp. 28 1/2 m. South of cor. to secs.

~~13, 18, 19 & 24~~ *recently established by me*
 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. 29 G., 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. From which corner I run.

S. $89^{\circ}45'$ W. on a true line between sections 13 & 24

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

39.99 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.

79.97 The corner to sections 13, 14, 23 & 24
 Land rolling.

Soil *2nd rate*
 Vegetation *hunchgrass*

Township 16 N. Range 28 E

Gila and Salt River Meridian.

Chains

North, between Sections 13 and 14.

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

Descend.

- 35.00 Enter Timber, E. & W.
- 40.00 Set a sand stone $16 \times 12 \times 8$ ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on face, and raised a mound of stone. alongside Pits impracticable.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 11, 12, 13 & 14 marked T. 16 N. S. 12 on N. E., R 28 E, S. 13 on S. E., S. 14 on S. W. and S. 11 on N. W. face, with 4 notches on S. 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 around post.
Land rolling.
Soil 2nd. rate
Vegetation bunchgrass
Timber of Cedar

Township 16 N. Range 28 E.

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 12 and 13.

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

Ascend.

16.00 Enter Timber, N. E. & S. W.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

79.89 Intersect C. B. of Tp. 24 1ks. North of cor. to secs.

7.12, 13 & 18 ^{recently established by me} 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. 29 E., S. 18

R. 28 E.
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., $5\frac{1}{2}$ ft. dist.,and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base

around post. From which corner I run.

N. 89 $^{\circ}$ 30' W. on a true line between sections 12 & 13Va. $14^{\circ}30'$ East.

39.95 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.79.89 The corner to sections 11, 12, 13 & 14
Land rolling.

Soil 2nd, rate

Vegetation bunchgrass

Timber of Cedar

Township 16

Range 28

E

Gila and Salt River

Meridian.

Chains North, between Sections 11 and 12.

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

Descend.

28.00 Cross Gulch, 5' lks. wide, Course West 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.

66.00 Leave Timber, E. & W.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.
12 ins. in the ground, for Cor. to Secs. 1-2, 11 & 12
marked T. 16 N. S. 1, on N. E., R. 28 E., S. 12
on S. E., S. 11 on S. W. and S. 12 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., $5\frac{1}{2}$ 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 bunchgrass

Timber of cedar

Township 16 N. Range 28 E. ¹⁰

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 1 and 12.

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

Ascend.

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

40.00 Set temporary $\frac{1}{2}$ sec. cor.

79.84 Intersect E. B. of Tp. 19 ^{1/2} m. South of cor. to sec.

~~1.6, 7 & 12 ^{recently established by me} Which is 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. 29 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. W. face; 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. From which corner I run.~~

389 3/2' W. on a true line between sections 1 & 12

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

39.92 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 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

79.84 The corner to sections 1, 2, 11 & 12
Land rolling and mountainous.

Soil 2nd. rate

Vegetation bunchgrass.

Township 16 N. Range 28 E

Gila and Salt River Meridian.

Chains

North, on a ^{true.} ~~random~~ line between Sections 1 and 2.Variation $14^{\circ}30'$ East.

Ascend.

5.83 Intersect the 4th Standard North at a point 2.50 chs. West of the Standard Cor. to Secs. 35 and 36. T. 17 N. R. 28 E. at which point I.

Set a post, 4 ft. long, 4 ins. square, ^{with marked stone} 12 ins. in the ground, for ^{Closing} Cor. to Secs. 1 and 2 marked C. C. T. 16 N. R. 28 E., on S. S. 1 on E and S. 2 on W. faces, with 1 notch on E and 5 notches on W. faces, dug pits 18 x 18 x 12 ins. S. E. & W. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land rolling.

Soil 2nd. rate

Vegetation bunchgrass

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

Henry C. Coe
Nov. 15, 1882

Township 16 N. Range 28 E

Gila and Salt River Meridian.

Chains

~~From the corner to sections, 2, 3, 34 & 35 - Which is 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. 2 on N. E., R. 28 E., S. 35 - on S. E. ^{1/2} S. 34 on S. W. and S. 3 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 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.~~

~~North between sections 34 & 35 -~~

Variation 14° 30' 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. 26, 27, 34 & 35 - marked T. 18 N. S. 26, on N. E., R. 28 E., S. 35 on S. E., S. 34 on S. W. and S. 27 on N. W. face, with 1 notch on S. and 2 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

Timber of Cedar

Township 16

Range 28

E

Gila and Salt River

Meridian.

Chains	East, on a random line between Sections 26 and 35. Variation 14° 30' East. Ascend.
40.00	Set temporary 1/4 sec. cor.
70.00	Top of Ridge, bears N. & S. and descend.
79.96	Intersect N. & S. line, 1/2 m. North of cor. to secs. 25, 26, 35 & 36 from which corner, I run N. 89° 38' W. on a true line between sections 26 & 35. Variation 14° 30' East.
79.98	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.
79.96	The corner to sections 26, 27, 34 & 35. Land rolling. Soil 2nd. rate. Vegetation bunchgrass

Township 18 Range 28 E

Gila and Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation $14^{\circ}30'$ East.*Ascend.*

38.00

Top of Spur, bears *E* & *N.* 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.

53.90

Cross Wash, 12 fks. wide, Course West and ascend.

80.00

Set a sand stone $12 \times 12 \times 4$ ins. 8 ins. in
 the ground for Cor. to Secs. 22. 23. 26 & 27 marked
 with 2 notches on S. 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.

Land mountainous and rolling.

Soil 2nd. rate.

Timber of Cedar

Vegetation bunchgrass

15 Township 16 N. Range 28 E.
Gila and Salt River Meridian.

Chains

East, on a random line between Sections 23 and 26.

Variation $14^{\circ} 30'$ East.*Ascend.*40.00 Set temporary $\frac{1}{4}$ sec. cor.

79.78 Intersect N. & S. line, 13 lks. North of cor. to secs.

23, 24, 25 & 26 from which corner, I run

N. $89^{\circ} 54'$ W. on a true line between sections 23 & 26Variation $14^{\circ} 30'$ East.

39.89 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.

79.78 The corner to sections 22, 23, 26 & 27

*Land rolling.**Soil 2nd. rate**Vegetation bunchgrass*

Township 16 N Range 28 E

Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation $14^{\circ}30'$ 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. 14, 15, 22 & 23
marked T. 16 N. S. 14, on N. E., R 28 E, S. 23
on S. E., S. 22 on S. W. and S. 15 on N. W. face,
with 3 notches on S. 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 Ind. rate
Vegetation bunchgrass

Township

16

N. Range

28

E

Gila and Salt River

Meridian.

Chains

East, on a random line between Sections 14 and 23.

Variation $14^{\circ}30'$ East.*Ascend.*

36.50 Enter Timber, N. & E.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

68.60 A Cedar 10 ins. diam.

80.17 Intersect N. & S. line, 40 lks. North of cor. to secs.
13, 14, 23 & 24 from which corner, I runN. $89^{\circ}43'W.$ on a true line between sections 14 & 23Variation $14^{\circ}30'$ East.40.09 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.

80.17 The corner to sections 14, 15, 22 & 23

*Land rolling.**Soil 2nd. rate**Vegetation bunchgrass**Timber of cedar*

Township 16 N. Range 28 E.

Gila and Salt River Meridian.

Chains

North, between Sections 14 and 15.

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

Descend.

14.72 *Cross Wash, 5 fks. wide, Course S. 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. 10, 11, 14 & 15 marked T. 16 N. S. 11, on N. E., R. 28 E., S. 14 on S. E., S. 13 on S. W. and S. 10 on N. W. face, with 4 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 and mountainous.

*Soil 2nd rate
Vegetation bunchgrass*

Township

16

N. Range

28

E.

Gila and Salt River

Meridian.

Chains

East, on a random line between Sections 11 and 14.

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

Descend.

25.41

Cross Wash, 5' lks. wide, Course South and ascend.

40.00

Set temporary $\frac{1}{2}$ sec. cor.

80.36

Intersect N. & S. line, 6 lks. North of cor. to secs.

11, 12, 13 & 14 from which corner, I run

Ch. $89^{\circ}36'$ W. on a true line between sections 11 & 14Variation $14^{\circ}30'$ East.

40.18

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.

80.36

The corner to sections 10, 11, 14 & 15

Land rolling.

Soil 2nd. rate

Vegetation bunchgrass

Township

16

N. Range

28

E

Gila and Salt River

Meridian.

Chains

North, between Sections 10 and 11.

Variation $14^{\circ} 30'$ 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. 2, 3, 10 & 11
marked T. 16 N. S. 2, on N. E., R 28 E, S. 11
on S. E., S. 10 on S. W. and S. 3 on N. W. face,
with \int notches on S. and \mathcal{L} 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 2nd. rate**Vegetation bunchgrass*

Township

16

N. Range

28

E.

Gila and Salt River

Meridian.

Chains

East, on a random line between Sections 2 and 11.

Variation $14^{\circ}30'$ East.*Ascend.*

- 22.58 Top of Ridge, bears N. & S. and descend.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 70.40 Cross Gulch, 5 lks. wide, Course Southward ascend.
- 80.47 Intersect N. & S. line, 26 lks. North of cor. to secs.
1. 2. 11 & 12 from which corner, I run
N. $89^{\circ}49'$ W. on a true line between sections 2 & 11
Variation $14^{\circ}30'$ East.
- 40.24 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.
- 80.47 The corner to sections 2, 3, 10 & 11
Land rolling and mountainous.
Soil *red.* *rate*
Vegetation bunchgrass

Township 16 N. Range 28 E. ²²

Gila and Salt River Meridian.

Chains

true.
North, on a random line between Sections 2 and 3.Variation $14^{\circ}30'$ East.*Ascend.*

J. 46

Intersect the 4th Standard North at a point 2.68 chs. West of the Standard Cor. to Secs. 34 and 35. T. 17 N. R. 28 E. at which point I.

Set a post, 4 ft. long, 4 ins. square, ^{with marked stone} 12 ins. in the ground, for Closing Cor. to Secs. 2 and 3 marked C. C. T. 16 N. R. 28 E., on S. 2 on E. and S. 3 on W faces, with 2 notches on E and 4 notches on W faces, dug pits 18 x 18 x 12 ins. S. E. & W. of post, $5\frac{1}{2}$ 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 bunchgrass*

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

M. M. Karlov, compassman
Nov. 18, 1882

Township 16

N. Range 28

E.

Gila and Salt River

Meridian.

Chains

From the corner to sections, $3, 4, 3, 3, 4, 3, 4$ on S. E. of $3, 4$
~~Which is a sand stone, 18 x 18 x 10 ins. 12 ins. in~~
 The ground for Cor. to Secs. $3, 4, 3, 3, 4, 3, 4$ 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

North between sections $3, 3, 4, 3, 4$

Variation $14^{\circ} 30'$ 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.

57.00

Cross Wash, 10 lks. wide, Course S. 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. 27, 28, 33 & 34
 marked T. 16 N. S. 27 on N. E., R 28 E, S. 34
 on S. E., S. 33 on S. W. and S. 28 on N. W. face,
 with 1 notch 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 Sand. rate

Vegetation bunchgrass

Township 16 N. Range 28 E.

Gila and Salt River Meridian.

Chains	East, on a random line between Sections 27 and 34. Variation $14^{\circ}30'$ East.
	<i>Ascend.</i>
12.00	Top of Spur, bears N. E. & S. W. and descend.
40.00	Set temporary $\frac{1}{2}$ sec. cor.
43.85	Cross Wash, 12 lks. wide, Course S. W. and ascend.
79.69	Intersect N. & S. line, 27 lks. North of cor. to secs. 26. 27. 34 & 35 from which corner, I run N. $89^{\circ}48'$ W. on a true line between sections 27 & 34 Variation $14^{\circ}30'$ East.
39.85	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.
79.69	The corner to sections 27. 28. 33 & 34 Land rolling. and mountainous. Soil 2nd, rpte Vegetation bunchgrass

Township 16 Range 28 E

Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

Variation $14^{\circ} 30'$ 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.
- 47.30 Cross Wash, 3 lks. wide, Course West 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. 21, 22, 27 & 28 marked T. 16 N. S. 22, on N. E., R. 28 E, S. 27 on S. E., S. 28 on S. W. and S. 21 on N. W. face, with 2 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 3 rd. rate
Vegetation bunchgrass

Township 16 N. Range 28 E.

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 22 and 27.

Variation $14^{\circ}30'$ East.*Ascend.*40.00 Set temporary $\frac{1}{4}$ sec. cor.

80.10 Intersect N. & S. line, 29 lks. South of cor. to secs.

22. 23. 26 & 27 from which corner, I run

S. $89^{\circ}48'W$. on a true line between sections 22 & 27Variation $14^{\circ}30'$ East.

40.08 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.

80.10 The corner to sections 21, 22, 27 & 28

Land rolling.

Soil *2nd* rate

Vegetation bunchgrass

Township

16

N. Range

28

E

Gila and Salt River

Meridian.

Chains

North, between Sections 21 and 22.

Variation $14^{\circ} 00'$ East.

Descend.

8.07 Cross Wash, 8 lks. wide, Course $\mathcal{S} \mathcal{W}$, 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
 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. 15, 16, 21 & 22
 marked T. 16 $\mathcal{N} \mathcal{S}$. 15, on N. E., R. 28 \mathcal{E} , S. 22
 on S. E., S. 21 on S. W. and S. 16 on N. W. face,
 with \mathcal{S} notches on S. and \mathcal{N} 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 2nd. rate
 Vegetation bunchgrass

Township 16 N. Range 28 E.

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 15 and 22.

Variation 14° 30' East.

Descend.

- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 71.00 Cross Gulch, 5' lks. wide, Course S.W. and ascend.
- 79.85 Intersect N. & S. line, 22 lks. North of cor. to secs. 14, 15, 22 & 23 from which corner, I run N. 89° 31' W. on a true line between sections 15 & 22
Variation 14° 30' East.
- 79.90 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.
- 79.85 The corner to sections 15, 16, 21 & 22
Land rolling.
Soil sand. rate
Vegetation bunchgrass

Township 16 N. Range 28 E.
Gila and Salt River Meridian.

Chains

North, between Sections 15 and 16.

Variation $14^{\circ}30'$ 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. 9, 10, 15 & 16 marked T. 16 N.S. 10, on N. E., R. 28 E., S. 15 on S. E., S. 16 on S. W. and S. 9 on N. W. face, with 4 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. 2nd.**rate**Vegetation bunchgrass*

Township 16 N. Range 28 E.

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 10 and 15.

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

Descend.

- 10.00 Leave Timber, N. & S.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 80.28 Intersect N. & S. line, 12 lks. South of cor. to secs.
10. 11. 14 & 15 from which corner, I run
S. $89^{\circ}55'$ W. on a true line between sections 10 & 15
Variation $14^{\circ}30'$ East.
- 40.14 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.
- 80.28 The corner to sections 9. 10. 15 & 16
Land rolling.
Soil 2nd. rate
Vegetation bunchgrass

Township 16 N. Range 28 E.

Gila and Salt River Meridian.

Chains

North, between Sections 9 and 10.

Variation $14^{\circ} 30'$ 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. 3, 4, 9 & 10
marked T. 16 U.S. 3, on N. E., R 28 E, S. 10
on S. E., S. 9 on S. W. and S. 4 on N. W. face,
with γ notched on S. and δ notched 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 2nd. rate**Vegetation bunchgrass*

Township

16

N. Range

28

E.

Gila and Salt River

Meridian.

Chains

East, on a random line between Sections 3 and 10.

Variation $14^{\circ}30'$ East.*Ascend.*

40.00

Set temporary $\frac{1}{4}$ sec. cor.

79.97

Intersect N. & S. line, 16 *lks.* South of cor. to secs.2. 3. 10 \checkmark from which corner, I runS. $89^{\circ}33'$ W. on a true line between sections 3 & 10Variation $14^{\circ}30'$ East.

39.98

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. onN. 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.

79.97

The corner to sections 3, 4, 9 & 10

Land rolling.

Soil 2nd, rate

Vegetation bunchgrass

Township

16

N. Range

28

E

Gila and Salt River

Meridian.

Chains

North, on a ~~random~~^{true.} line between Sections 3 and 4.

Variation

14° 30'

East.

Descend.

4.13 Cross Wash, 3 lks. wide, Course S 3/4 W and ascend.

3.58 Intersect the 4th Standard North at a point 3.00 chs. West of the Standard Cor. to Secs. 33 and 34. T. 17 N. R. 28 E., at which point I.

Set a post, 4 ft. long, 4 ins. square, ^{with marked stone} 12 ins. in the ground, for ^{Closing} Cor. to Secs. 3 and 4 marked C. C. T. 16 N. R. 28 E., on S. S. 3 on E. and S. 4 on W. faces, with 3 notches on E. and 3 notches on W. faces, dug pits 18 x 18 x 12 ins. S. E. & W. of post, 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

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

Henry A. Boe
Nov. 20. 1852

Township 16 N. Range 28 E.

Gila and Salt River Meridian.

Chains From the corner to sections, 4, 5, 32 & 33 on S. 1/2 of 34
 Which is a petrified stone 16 x 10 x 4 ins. 10 ins. in
 the ground for Cor. to Secs. 4, 5, 32 & 33 marked
 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.

North between sections 32 & 33

Variation 14° 30' 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
 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. 28, 29, 32 & 33
 marked T. 16 N. S. 28, on N. E., R 28 E., S. 33
 on S. E., S. 32 on S. W. and S. 29 on N. W. face,
 with 1 notch on S. 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

Township 16 N. Range 28 E.

Gila and Salt River Meridian.

Chains	East, on a random line between Sections 28 and 33. Variation $14^{\circ}30'$ East.
	Descend.
40.00	Set temporary $\frac{1}{4}$ sec. cor.
50.50	Cross Wash, 6 lks. wide, Course $S 21^{\circ}$ and ascend.
50.59	Intersect N. & S. line, 14 lks. South of cor. to secs. 27, 28, 33 & 34 from which corner, I run $S 89^{\circ} 54'$ W. on a true line between sections 28 & 33 Variation $14^{\circ}30'$ East.
40.20	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.
80.39	The corner to sections 28, 29, 32 & 33 Land rolling. Soil 2nd. rate Vegetation bunchgrass

Township 16 N. Range 28

Gila and Salt River Meridian.

Chains

North, between Sections 28 and 29.

Variation $14^{\circ} 30'$ 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.
- 46.00 Enter Timber, ^{by} E. & W.
- 71.50 Top of Ridge, bears E. & 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. 20, 21, 28 & 29
marked T. 16 N. S. 21, on N. E., R 28 E., S. 28
on S. E., S. 29 on S. W. and S. 20 on N. W. face,
with 2 notches on S. 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 mountainous and rolling.
Soil 2nd. rate.
Timber of Cedar
Vegetation bunchgrass

Township 16 N. Range 28 E.
Gila and Salt River Meridian

Chains East, on a random line between Sections 21 and 28.

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

Descend.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

72.10 Cross Gulch, $3'$ wks. wide, Course $S. 31^{\circ} W$ and ascend.

79.97 Intersect N. & S. line, $33'$ wks. South of cor. to secs.

21, 22, 27 & 28 from which corner, I run

$S. 89^{\circ} 46' W$. on a true line between sections 21 & 28

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

79.99 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.

79.97 The corner to sections 20, 21, 28 & 29

Land rolling.

Soil 2nd. rate

Vegetation bunchgrass

Township

16

N. Range

28

E

38

Gila and Salt River

Meridian.

Chains

North, between Sections 20 and 21.

Variation

14° 30'

East.

Ascend.

4.00

Top of Spur, bears E. & N. 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. 16, 17, 20 & 21
marked T. 16 N. S. 16, on N. E., R. 28 E., S. 21
on S. E., S. 20 on S. W. and S. 17 on N. W. face,
with 3 notches on S. 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 mountainous and rolling.

Soil 3rd. rate.

Timber of Cedar

Vegetation bunchgrass

Township

16

N. Range

28

E

Gila and Salt River

Meridian

Chains

East, on a random line between Sections 16 and 21.

Variation

14° 30'

East.

Descend.

40.00

Set temporary $\frac{1}{4}$ sec. cor.

42.16

Cross Wash, 5⁻ lks. wide, Course S. E. and ascend.

79.73

Intersect N. & S. line, 7 lks. South of cor. to secs.

15.16.21 & 22 from which corner, I run

S. 89° 57' W. on a true line between sections 16 & 21

Variation 14° 30' East.

39.87

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.

79.73

The corner to sections 16.17.20 & 21

*Land rolling.**Soil 2nd. rate**Vegetation bunchgrass*

Township 16 N. Range 28 E

Gila and Salt River Meridian.

Chains

North, between Sections 16 and 17.

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

Descend.

9.20 Cross Gulch, 5 lks. wide, Course $S60^{\circ}E$ 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., 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.70.00 Top of Ridge, bears $N10^{\circ}W. \& S10^{\circ}E$ 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. 8, 9, 16 & 17

marked T. 16 MS. 9, on N. E., R. 28 E, S. 16

on S. E., S. 17 on S. W. and S. 8 on N. W. face,

with 4 notches on S. 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 mountainous

Soil 3rd. rate.

Timber of Cedar,

Vegetation bunchgrass

41 Township 16 N. Range 28 E.
Gila and Salt River Meridian

Chains

East, on a random line between Sections 9 and 16.

Variation $14^{\circ}30'$ East.*Descend.*40.00 Set temporary $\frac{1}{2}$ sec. cor.79.94 Intersect N. & S. line, 14 *lks. North* of cor. to secs.

9, 10, 15 & 16 from which corner, I run

N. $89^{\circ}34'$ W. on a true line between sections 9 & 16Variation $14^{\circ}30'$ East.

39.97 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.

79.94 The corner to sections 8, 9, 16 & 17

Land rolling.

Soil 2nd. rate

Vegetation bunchgrass

Township

16

N. Range

28

E 42

Gila and Salt River

Meridian.

Chains

North, between Sections 8 and 9.

Variation $14^{\circ}30'$ East.*Descend.*

- 20.60 *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., N. and E. 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, 8 & 9 marked T. 16 N.S. 4, on N. E., R 28 E, S. 9 on S. E., S. 8 on S. W. and S. 5 on N. W. face, with 5 notches on S. 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 2nd, rate
 Vegetation bunchgrass

Township 16 N. Range 28 E.
Gila and Salt River Meridian.

Chains	East, on a random line between Sections 4 and 9. Variation $14^{\circ}30'$ East.
	Descend.
40.00	Set temporary $\frac{1}{4}$ sec. cor.
66.74	Cross Wash, 40 lks. wide, Course $S. 20^{\circ} W$ and ascend.
80.22	Intersect N. & S. line, 19 lks. North of cor. to secs. 3, 4, 9 & 10 from which corner, I run N. $89^{\circ}32'$ W. on a true line between sections 4 & 9 Variation $14^{\circ}30'$ East.
40.11	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.
80.22	The corner to sections 4, 5, 8 & 9 Land rolling. Soil 2nd. rate Vegetation bunchgrass

Township 16 N. Range 28 E 44

Gila and Salt River Meridian.

Chains

North, on a ~~random~~ ^{true.} line between Sections 4 and 5.Variation $14^{\circ} 30'$ East.

Descend.

5.27 Intersect the 4th Standard North at a point 3.42 chs. West of the Standard Cor. to Secs. 32 and 33. T. 17 N. R. 28 E. at which point I.

Set a post, 4 ft. long, 4 ins. square, ^{with marked stone} 12 ins. in the ground, for ^{Closing} Cor. to Secs. 4 and 5 marked C. C. T. 16 N. R. 28 E., on S. 4 on E. and S. 5 on W. faces, with 4 notches on E. and 2 notches on W. faces, dug pits 18 x 18 x 12 ins. S. E. & W. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land rolling and mountainous.

Soil 2nd. ^{rate}

Vegetation bunchgrass

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

M. M. Harlow, compassman
Nov. 20, 1882

45 Township 16 Range 28 E.
Gila and Salt River Meridian

Chains From the corner to sections, ~~S. 6. 31 & 32~~ ^{on S. 1/2 of 5/6}
~~Which is a sand~~ stone 13 x 11 x 9 ins. 8 ins. in
 the ground for Cor. to Secs. S. 6. 31 & 32 marked
 with / notch on N 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~~

North between sections 31 & 32

Variation $14^{\circ} 30'$ 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., 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. 29, 30, 31 & 32
 marked T. 16 N. S. 29, on N. E., R. 28 E., S. 32
 on S. E., S. 31 on S. W and S. 30 on N. W. face,
 with / notch on S. 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 rolling and mountainous.

Soil 2nd. rate

Vegetation bunchgrass

Township 16 N. Range 28 E. ⁴⁶

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 29 and 32.

Variation $14^{\circ} 30'$ East.*Ascend.*40.00 Set temporary $\frac{1}{4}$ sec. cor.67.00 - Top of Spur, bears N. \vee S. and descend.

79.73 Intersect N. & S. line, 36 lks. North of cor. to secs.

28.29.32.33 from which corner, I run

N. $89^{\circ} 45'$ W. on a true line between sections 29 & 32Variation $14^{\circ} 30'$ East.

39.87 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.

79.73 The corner to sections 29.30.31 & 32

Land rolling. and mountainous.

Soil 2nd. rate

Vegetation bunchgrass

Henry A. Coe

Nov. 21, 1882

Township 16 N. Range 38 E

Gila and Salt River Meridian.

Chains

West, on a random line between Sections 30 and 31.

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

Descend.

24.76 Cross Wash, 1/4 lks. wide, Course $S. 10^{\circ} W$ and ascend.40.00 Set temporary $\frac{1}{4}$ sec. cor.77.58 Intersect $\frac{1}{4}$ B. of Tp. 26 lks. North of cor. to secs.

~~25.30.31 & 36 recently established by me
Which is 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' 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 1 1/2 ft. base. alongside~~

From which corner I run.

189'49' On a true line between sections 30 & 31

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

37.58 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 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.
high, 3 1/2 ft. base around post.

77.58 The corner to sections 29.30.31 & 32

Land rolling and mountainous.

Soil 3rd. rate

Vegetation bunchgrass

M. M. Barlow, compassman

Nov. 21, 1882

Township 16 N Range 28 E
 Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation $14^{\circ}30'$ East.*Ascend.*28.00 Enter Timber, ^{to} E & W.

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.

44.00 Leave Timber, ^{to} E & W.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.
 12 ins. in the ground, for Cor. to Secs. 19, 20, 29 & 30
 marked T. 16 N. S. 20, on N. E., R. 28 E, S. 29
 on S. E., S. 30 on S. W. and S. 19 on N. W. face,
 with 2 notches on S. and S 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 and mountainous.

Soil sand, rate

Vegetation bunchgrass

Timber of Cedar

Township 16 Ch. Range 28 E.

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 20 and 29.

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

Descend.

40.00

Set temporary $\frac{1}{4}$ sec. cor.

54.27

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

80.15

Intersect N. & S. line, 18 lks. North of cor. to secs.

20, 21, 28 & 29 from which corner, I run

Ch. 89 95° W. on a true line between sections 20 & 29Variation $14^{\circ}30'$ East.

40.08

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.

80.15

The corner to sections 19, 20, 29 & 30

Land rolling and mountainous.

Soil 2nd. rate

Vegetation bunchgrass

Henry A. Boe
Nov. 21, 1882

Chains

West, on a random line between Sections 19 and 30.

Variation $14^{\circ}30'$ East.*Ascend.*

40.00

Set temporary $\frac{1}{4}$ sec. cor.

77.47

Intersect *W. B.* of *Tr.* *S. 2* *1/2* *1/4* *N. 2* *1/2* *1/4* *W.* of cor. to secs.

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. 28 E.*, *S. 30*on *S. E.*, *S. 2 1/2* on *S. W.* and *S. 2 1/4* on *N. W.* face,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

around post.

From which corner I run.

N. 89°46' On a true line between sections 19 & 30*Va. 14°30'* East.

37.47

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 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.

high, 3 1/2 ft. base around post.

77.47

The corner to sections 19. 20. 29 & 30

Land rolling and mountainous.

Soil 2nd. rate

Vegetation bunchgrass

M. M. Barber, commissioner

Nov. 21. 1882

Township..... 16 N. Range..... 28 E.

Gila and Salt River Meridian.

Chains North, between Sections 19 and 20.

Variation $14^{\circ} 30'$ East.*Ascend.*

- 20.00 Top of Ridge, bears $N. 50^{\circ} W.$ & $S. 50^{\circ} E.$ and descend.
- 29.00 Cross Gulch, 10 lks. wide, Course $S. 50^{\circ} E.$ 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., 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.
- 61.00 Top of Ridge, bears $N. 60^{\circ} E.$ & $S. 60^{\circ} W.$ 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. 17, 18, 19 & 20
marked T. 16 N.S. 17, on N. E., R. 28 E., S. 20
on S. E., S. 19 on S. W. and S. 18 on N. W. face,
with 3 notches on S. 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.
Soil 2nd. rate
Vegetation bunchgrass

Township 16 N. Range 28 E.

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 17 and 20.

Variation $14^{\circ}30'$ East.*Ascend.*

11.00 Top of Spur, bears N. W. & S. E. and descend.

40.00 Set temporary $\frac{1}{4}$ sec. cor.80.29 Intersect N. & S. line, 14 *lks.* South of cor. to secs.
16.17.20 & 21 from which corner, I run $S. 89^{\circ}54' W.$ on a true line between sections 17 & 20Variation $14^{\circ}30'$ East.40.15 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.

80.29 The corner to sections 17. 18. 19 & 20

*Land rolling and mountainous.**Soil 3rd. & 2nd. rate**Vegetation bunchgrass**Benny A. Coe**Nov. 21. 1882*

Township 16 N. Range 28 E

Gila and Salt River Meridian.

Chains

West, on a random line between Sections 18 and 19.

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

Descend.

17.00 Cross low Sag and ascend.

40.00 Set temporary $\frac{1}{4}$ sec. cor.77.75 Intersect W.B. of Tp. 21 *1/2* mls. South of cor. to secs.

18, 18, 19 & 21 ~~which is a~~
 post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 18, 18, 19 & 21

marked T. 16 N.S. 18, on N. E., R. 28 E, S. 19'

on S. E. ^{R. 27 E} S. 24 on S. W. and S. 23 on N. W. face,

with 3 notches on S. and 3 notches on ~~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 12 ft. base

around post.

From which corner I run.

S. 89° 51' On a true line between sections 18 & 19

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

37.75 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.

77.75 The corner to sections 17, 18, 19 & 20

Land rolling.

Soil 2nd. rate

Vegetation bunchgrass

Township

16

N. Range

28

E.

54

Gila and Salt River

Meridian.

Chains

North, between Sections 17 and 18.

Variation

14° 30'

East.

Descend.

16.70 Cross low Sag and ascend.

33.00 Top of Spur, bears N. W. & S. 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.

Salinitas Lake, leave N. $41\frac{1}{2}^{\circ}$ W.,
19.44 chs. dist.

House, leave N. $44\frac{1}{4}^{\circ}$ W., 22.50 chs. dist.

Little Salinitas Lake, leave S. $81\frac{1}{2}^{\circ}$ W.,
20 chs. dist.

62.00 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. 7, 8, 17 & 18
marked T. 16 N. S. 8, on N. E., R. 28 E., S. 17
on S. E., S. 18 on S. W. and S. 7 on N. W. face,
with 4 notches on S. 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 and mountainous.

Soil 2nd. rate

Vegetation bunchgrass

M. W. Barlow, commissioner

Nov. 21, 1882

Chains

East, on a random line between Sections 8 and 17.

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

Descend.

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

40.00 Set temporary $\frac{1}{2}$ sec. cor.78.50 Top of Ridge, bears N. 10° W. & S. 10° E and descend.

79.88 Intersect N. & S. line, 25 lks. South of cor. to secs.

8. 9. 16 & 17 from which corner, I run

S. $89^{\circ}49'$ W. on a true line between sections 8 & 17Variation $14^{\circ}30'$ East.

39.94 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.

79.88 The corner to sections 7. 8. 17 & 18

Land mountainous. and rolling.

Soil 2nd. rate

Vegetation bunchgrass

Henry A. Coe

Nov. 21. 1882

Township 16 N Range 28 E

Gila and Salt River Meridian.

Chains

West, on a random line between Sections 7 and 18.

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

Ascend.

40.00 Set temporary $\frac{1}{4}$ sec. cor.77.36 Intersect W.B. of Tp. 12 $\frac{1}{2}$ m. North of cor. to secs.7. 12. 13 \vee 18 ~~recently established by me~~ 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 \vee 18~~~~marked T. 16 N. S. 7, on N. E., R. 28 E., S. 18~~~~on S. E. ^{R. 27 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., $5\frac{1}{2}$ ft. dist.,~~~~and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base~~~~around post.~~

From which corner I run.

N. 89° 30' E. on a true line between sections 7 \vee 18Va. $14^{\circ}30'$ East.

37.36 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.77.36 The corner to sections 7. 8. 17 \vee 18

Land rolling.

Soil 2nd. ^{rate}

Vegetation bunchgrass

M. M. Harlow, compassman

Nov. 21, 1882

Township 16 N. Range 28 E
Gila and Salt River Meridian.

Chains

North, between Sections 7 and 8.

Variation $14^{\circ} 30'$ 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.
- 45.00 Top of Ridge, bears N. 80° E. & S. 80° 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. 5, 6, 7 & 8 marked T. 16 N.S. $\frac{1}{2}$, on N. E., R. 28 E., S. 8 on S. E., S. 7 on S. W. and S. 6 on N. W. face, with $\frac{1}{2}$ notches on S. and $\frac{1}{2}$ 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 and mountainous.
Soil 2nd. rate
Vegetation bunchgrass

Township 16 N. Range 28 E.

Gita and Salt River Meridian.

Chains

East, on a random line between Sections 5 and 8.

Variation 14°30' East.

Descend.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

80.16 Intersect N. & S. line, 11 lks. North of cor. to secs. 4, 5, 8 & 9 from which corner, I run N. 89°55' W. on a true line between sections 5 & 8
Variation 14°30' East.

40.08 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.

80.16 The corner to sections 5, 6, 7 & 8

Land rolling.

Soil 2nd. rate

Vegetation bunchgrass

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

Henry A. See

Nov. 21, 1882

59 Township 16 N. Range 28 E

Gila and Salt River Meridian.

Chains West, on a random line between Sections 6 and 7.
Variation $14^{\circ}30'$ East.

Descend.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

77.82 Intersect W.B. of Tp. 17 $\frac{1}{2}$ m. North of cor. to secs.

16.7 $\frac{1}{2}$ m. recently established by me which is a
post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 6, 7 & 8
marked T. 16 N.S. 6 on N. E., R. 28 E., S. 7-
on S. E. 18 12 on S. W. and S. 1 on N. W. face
with 5 notches on S. and 1 notch on N. W. face
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 $1\frac{1}{2}$ ft. base
around post.

From which corner I run.

N. $89^{\circ}30'$ on a true line between sections 6 & 7
Va. $14^{\circ}30'$ East.

37.82 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.

77.82 The corner to sections 6, 7 & 8

Land rolling.

Soil 2nd. rate

Vegetation bunchgrass

Township 16 N. Range 28 E 40
Gila and Salt River Meridian.

Chains

North, on a ~~range~~^{true.} line between Sections 5 and 6.

Variation $14^{\circ} 0' 0''$ East.

Descend.

S. 31 Intersect the 4th Standard North at a point 3.98 chs. West of the Standard Cor. to Secs. 31 and 32. T. 17 N. R. 28 E. at which point I.

Set a post, 4 ft. long, 4 ins. square, ^{with marked stone} 12 ins. in the ground, for ^{Closing} Cor. to Secs. 5 and 6 marked C. C. T. 16 N. R. 28 E., on S. S. 5' on E. and S. 6 on W. faces, with 5' notches on E. and 1 notch on W. faces, dug pits 18 x 18 x 12 ins. S. E. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land rolling.

Soil 2nd. rate

Vegetation. bunchgrass

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

M. M. Harlow, compassman

Nov. 21, 1882

GENERAL DESCRIPTION.

This Township contains mountainous and rolling land.

It is covered with a growth of scrub cedar also an abundance of nutritious grasses which affords fine grazing.

The soil is a sandy loam and can be classed as 2nd. rate.

There are some Salinitas in Section 18
 Sesano Jaramullo has a house, garden
 and corral in Section 18 Value \$500

For Final notes see
 Book No 13 - Subdivision
 of Tp 14 N, R 28 E,

BOOK 254

BOOK 67
254

U. S. Surveyor General's Office,

TUCSON, ARIZONA,

July 31, 1883

The foregoing Field Notes of the Survey of the

Subdivision Lines of Tp.
16 North, Range 28 East

Of the Gila and Salt River Base and Meridian, Arizona, executed by

Henry A. Coe

Deputy Surveyor, under his contract of the

20th

day of

July

, 1882, having been

critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

J. W. Robinson

Surveyor General.