

Henry A. Coe Deputy Surveyor.
 T. *16 North* R. *23 East*
 Gila and Salt River Meridian.

No. - 249
FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township *16 North* Range *23 East*
 Gila and Salt River Meridian.

BY

Henry A. Coe Deputy Surveyor.
 Under his Contract of *July 20th* 188*2*
 Survey Commenced *Oct. 25th* 188*2*
 Survey Completed *Oct. 27th* 188*2*

Platted,
Copied for Washington,
Copied for Register,

Township 16 North Range 23 East
 Gila and Salt River Meridian.

6	60	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

OK.

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Township

Range

Meridian.

For Preliminary plat - See -
Book "a" - Fifth Standard Parallel

Survey commenced Oct. 25-82

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

¹ 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, ^{recently established by me} which is a piece of petrified wood, 10 x 6 ins. 13 ins. in the ground for Cor. to Secs. 1, 2, 3, 4 & 6 marked 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. alongside

North between sections 35 & 36

Variation 13° 47' East.

Over broken land.

5.50 Top of Bluff, bears E. & W. and descend.

21.67 Cross Wash, 25 fks. wide, Course West and ascend.

40.00 Set a sand stone 13 x 10 x 9 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

43.50 Top of Spur, bears E & W. and descend.

29.00 Enter Flat bears E & W.
 80.00 Set a sand stone 15 x 8 x 5 ins. 10 ins. in the ground for Cor. to Secs. 2, 5, 26 & 5 & 6 marked with 1 notch 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. alongside
 Land mountainous and rolling.

Soil Prod. rate
 Vegetation bunchgrass

Township 16 N. Range 23 E. ²
 Gila and Salt River Meridian.

Chains East, on a random line between Sections 25 and 36.
 Variation $13^{\circ} 50'$ East.

Over level land

40.00 Set temporary $\frac{1}{4}$ sec. cor.
 80.09 Intersect C. B. of Tp. 13 Nks. North of cor. to secs.

25, 30, 31 & 36 *recently established by me*
 Which is a sand stone 12×10 ins. 8 ins. in
 the ground for Cor. to Secs. 25, 26, 30 & 31 marked
 with 1 notch on S. and 5 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. alongside

From which corner I run.

N. 89 $^{\circ}$ 34' W on a true line between sections 25 & 36
 Va. $13^{\circ} 50'$ East.

40.05 Set a sand stone $10 \times 9 \times 7$ ins., 6
 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., C. 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

80.09 The corner to sections 25, 26, 30 & 36
 Land level.
 Soil Prod. rate
 Vegetation bunchgrass

Township 16 N. Range 23 E

Gila and Salt River Meridian

Chains North, between Sections 25 and 26.

Variation $13^{\circ} 50'$ East.*Over level land*

40.00 Set a sand stone $10 \times 9 \times 6$ ins., 6 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., 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 $22 \times 12 \times 10$ ins. 18 ins. in the ground for Cor. to Secs. 23, 24, 25 & 26 marked with 2 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. alongside

*Land level.**Soil 1st. rate**Vegetation bunchgrass*

Township

16

N. Range

20

E⁴

Gila and Salt River Meridian.

Chains

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

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

Over level land

- 1.58 Leave Flat bears N. W. & S. E. and ascend.
 17.00 Top of Spur, bears N. & S. and descend.
 23.00 Enter Flat bears N. & S.
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 79.84 Intersect C. B. of Tp. 24 1ks. South of cor. to secs.

19. 24. 25 & 30 ~~recently established by me~~
 Which is a sand stone $1 \times 1 \times 8$ ins. 10 ins. in
 the ground for Cor. to Secs. 19, 24, 25 & 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 $4\frac{1}{2}$ ft. base. alongside

From which corner I run.

S. $89^{\circ} 30' W.$ on a true line between sections 24 & 25Va. $13^{\circ} 50'$ East.

- 39.92 Set a sand stone $15 \times 10 \times 8$ 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

- 79.84 The corner to sections 23, 24, 25 & 26

Land level. and rolling.

Soil 3rd. rate

Vegetation brushgrass

Township 16 N. Range 27 E

Gila and Salt River

Meridian.

Chains

North, between Sections 23 and 24.

Variation $13^{\circ} 58'$ East.

Over level land

- 2.00 Leave Flat bears N. W. & S. E. and ascend.
- 22.00 Top of Spur, bears E. & W. and descend.
- 36.80 Cross Wash, 125 lks. wide, Course West and ascend.
- 40.00 Set a sand stone $12 \times 10 \times 9$ 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., 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 $18 \times 10 \times 8$ ins. 10 ins. in the ground for Cor. to Secs. 13, 14, 23 & 24 marked with 3 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. alongside

Land mountainous.

Soil 3rd. rate

Vegetation bunchgrass

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

Township 16 N. Range 23 E

Gila and Salt River Meridian.

Chains

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

Variation $13^{\circ}50'$ East.*Ascend.*14.00 Top of Spur, bears $N. 20^{\circ}E$ & $S 20^{\circ}W$ and descend.

24.00 Cross low Sag and ascend.

40.00 Set temporary $\frac{1}{2}$ sec. cor.80.22 Intersect \bar{C} . B. of Tp. 13 $\frac{1}{2}$ m. South of cor. to secs.13, 18, 19 & 24 *recently established by me*

~~Which is a sand stone $5 \times 12 \times 8$ ins. 10 ins. in the ground for Cor. to Secs. 13, 18, 19 & 24 marked with 3 notches on S. and 3 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. alongside~~

From which corner I run.

 $S. 89^{\circ}54'W$ on a true line between sections 13 & 24Va. $13^{\circ}50'$ East.

40.11 Set a sand stone $11 \times 9 \times 4$ 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., \bar{C} . 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

80.22 The corner to sections 13, 14, 23 & 24

Land mountainous. and rolling.

Soil 3rd. rate

Vegetation bunchgrass

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

Chains

North, between Sections 13 and 14.

Variation $13^{\circ} 30'$ East.*Ascend. Over rolling land.*

40.00 Set a sand stone $10 \times 10 \times 6$ ins., 6 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., 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 granite stone $18 \times 10 \times 10$ ins., 12 ins. in the ground for Cor. to Secs. 11. 12. 13 & 14 marked 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. alongside.

*Land rolling.**Soil 3rd. rate**Vegetation bunchgrass*

Township 16 N. Range 20 E

Gila and Salt River Meridian.

Chains East, on a random line between Sections 12 and 13.
Variation $13^{\circ} 50'$ East.

Ascend. Over rolling land.

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

79.89 Intersect $\frac{1}{2}$ B. of Tp. 11 $1\frac{1}{2}$ m. South of cor. to secs.
7, 12, 13 & 18 ~~recently established by me~~
Which is a sand stone $6 \times 10 \times 5$ ins. 10 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, alongside

From which corner I run.

$S 89^{\circ} 00' W$ on a true line between sections 12 & 13

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

39.95 Set a Sand stone $14 \times 7 \times 7$ ins., 9
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

79.89 The corner to sections 11, 12, 13 & 14

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass

Township 16 N. Range 23 E.
 Gila and Salt River Meridian.

Chains

North, between Sections 11 and 12.

Variation $13^{\circ} 58'$ East.

Ascend. Over rolling land.

40.00 Set a sand stone $18 \times 12 \times 4$ 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., 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 N. E. & S. W. and descend.

53.00 Cross low Sag and ascend.

80.00 Set a flint stone $12 \times 10 \times 8$ ins. 8 ins. in the ground for Cor. to Secs. 1. 2. 11. & 12 marked with 5 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. alongside

Land rolling. and mountainous.

Soil 2nd. rate

Vegetation bunchgrass

Township 16 N. Range 23 E

Gila and Salt River Meridian.

Chains

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

Variation $13^{\circ} 58'$ East.

Ascend.

40.00 Set temporary $\frac{1}{4}$ sec. cor.41.00 Top of Spur, bears N. $\frac{1}{2}$ E. and descend.

79.67 Intersect E. B. of Tp. 39 1ks. South of cor. to secs.

1.6. 7 & 12 ~~recently established by me~~~~Which is a flint stone 12 x 6 ins., 12 ins. in~~~~the ground for Cor. to Secs. 1.6. 7 & 12 marked~~~~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~~~~mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside~~

From which corner I run.

S. 89 $\frac{1}{2}$ W. on a true line between sections 1 & 12Va. $13^{\circ} 58'$ East.

39.84 Set a flint stone 24 x 4 x 12 ins., 18

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

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

79.67 The corner to sections 1. 2. 11 & 12

Land mountainous. and rolling.

Soil 2nd. rate

Vegetation bunchgrass

Chains

North, on a ~~random~~ ^{true} line between Sections 1 and 2.

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

Ascend. Over rolling land.

40.00

Set a flint stone $14 \times 10 \times 6$ 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.

57.00

Top of Hill bears γ E. γ S. ~~W.~~ and descend.

86.34

Intersect the 4th Standard North at a point 7.31 chs. East of the Standard ^{$\frac{1}{4}$ Sec.} Cor. to ~~our~~ ^{recently established by me} S. P. Sec. 35 and T. 17 N. R. 23 E. ~~at which pt~~

~~Which is a sand stone $12 \times 6 \times 3$ ins., 8 ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ 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 and~~

Set a flint stone $18 \times 12 \times 8$ ins. 12 ins. in the ground for Closing Cor. to Secs. 1 and 2 marked C. C. with / notch on E. and γ notches on W. edges, dug pits $18 \times 18 \times 12$ ins. S. E., and W. of stone, $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside

Land rolling. and hilly

Soil 3rd. rate

Vegetation bunchgrass

I carefully examined the
adjustment of my solar compass
to day - particularly the latitude
& reversing apparatus & found
them correct.

Oct. 25 - 1882.

Gila and Salt River Meridian.

Chains

From the corner to sections, ~~2, 3, 34 & 35~~
 Which is a ~~sand~~ stone $x \ x$ ins. ins. in
 the ground for Cor. to Secs. ~~2, 3, 34 & 35~~ marked
 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. alongside

North between sections ~~34 & 35~~

Variation $13^{\circ}47'$ East.

Descend.

14.00 Enter Flat bears E. & N.

46.00 Set a sand stone 18 x 16 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., 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

78.87 Cross Wash, 20 lks. wide, Course S, 10' N.

80.00 Set a sand stone 14 x 10 x 8 ins. 6 ins. in
 the ground for Cor. to Secs. 26, 27, 34 & 35 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. alongside

Land rolling.

Soil Brd. rate

Vegetation bunchgrass

Township 16 N. Range 23 E.
Gila and Salt River Meridian.

Chains

East, on a random line between Sections 26 and 35.

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

Over level land

- 5.50 Cross Wash, 200 lks. wide, Course South and ascend.
- 17.00 Top of Spur, bears N. & S. and descend.
- 40.00 Set temporary $\frac{1}{2}$ sec. cor.
- 44.00 Enter Flat bears N.E. & S.W.
- 80.30 Intersect N. & S. line, 26 lks. South of cor. to secs. 25, 26, 35 & 36 from which corner, I run S. $89^{\circ}49'$ W. on a true line between sections 26 & 35
Variation $13^{\circ}50'$ East.
- 40.15 Set a sand stone $24 \times 18 \times 4$ 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., 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
- 88.30 The corner to sections 26, 27, 34 & 35
Land rolling. and mountainous.
Soil 3rd. rate
Vegetation bunchgrass

Township 16 N. Range 28 E. 14

Gila and Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation $13^{\circ} 38'$ East.*Over level land*

- .81 Cross Wash, 25 lks. wide, Course S. E.
- 27.43 Cross Wash, 100 lks. wide, Course S. W.
- 40.00 Set a sand stone $13 \times 10 \times 9$ 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, Due N. of the Cor. 37 chs. dist. is Jarvis' Ranch and House
- 80.00 Set a sand stone $13 \times 11 \times 7$ 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 $18 \times 18 \times 12$ 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 level. and 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 23 and 26. Variation $13^{\circ}30'$ East.
	Over rolling land.
40.00	Set temporary $\frac{1}{4}$ sec. cor.
80.15	Intersect N. & S. line, 12 lks. South of cor. to secs. 23, 24, 25 & 26 from which corner, I run S, $89^{\circ}35'$ W. on a true line between sections 23 & 26 Variation $13^{\circ}30'$ East.
40.08	Set a sand stone $19 \times 17 \times 4$ ins., 15 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
80.15	The corner to sections 22, 23, 26 & 27 Land rolling. Soil 3rd, rate Vegetation bunchgrass

Township

16

N. Range

23

E. 16

Gila and Salt River

Meridian.

Chains

North, between Sections 22 and 23.

Variation $13^{\circ} 58'$ East.

Over rolling land.

38.94

Cross Wash, 200 lks. wide, Course $S. 10^{\circ} W.$

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.

80.00

Set a sand stone 16 x 8 x 8 ins. 10 ins. in the ground for Cor. to Secs. 14, 15, 22 & 23 marked with S notches on S. and E 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 3 rd. 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 $13^{\circ} 58'$ East.

Descend.

4.00 Cross Wash, 150 yds. wide, Course South and ascend.

40.00 Set temporary $\frac{1}{4}$ sec. cor.66.00 Top of Spur, bears N. $\frac{1}{2}$ S. and descend.

72.00 Cross low Sag and ascend.

78.00 Top of Spur, bears N. W. $\frac{1}{2}$ E. and descend.

79.76 Intersect N. & S. line, 28 yds. North of cor. to secs.

13. 14. 23 $\frac{1}{2}$ from which corner, I runN. $89^{\circ} 45'$ W. on a true line between sections 14 & 23Variation $13^{\circ} 58'$ East

39.88 Set a sand stone $17 \times 10 \times 6$ 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

79.76 The corner to sections 14. 15. 22 & 23

Land mountainous.

Soil 3rd. rate

Vegetation bunchgrasses

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

Township 16 Ch. Range 25 E.

Gila and Salt River Meridian.

Chains

North, between Sections 14 and 15.

Variation

 $10^{\circ} 50'$

East.

*Over level land*38.42 Cross Wash, 100 yds. wide, Course $S. 6^{\circ}$ 40.00 Set a sand stone $18 \times 18 \times 12$ ins., 12 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., W 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. alongside43.13 Cross Wash, 75 yds. wide, Course $S. 20^{\circ} W$.80.00 Set a sand stone $11 \times 9 \times 6$ ins. 8 ins. in the ground for Cor. to Secs. 10. 11. 14 & 15 marked with 4 notches on S. 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. and level.**Soil 3rd. 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 $13^{\circ}30'$ East.

Over rolling land.

- 21.80 Cross Wash, 25 lks. wide, Course South
- 22.90 Cross Wash, 25 lks. wide, Course N. W.
- 25.90 Cross Wash, 40 lks. wide, Course South
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N. & S. line, 14 lks. North of cor. to secs. 11, 12, 13 & 14 from which corner, I run $N. 89^{\circ}54' W.$ on a true line between sections 11 & 14
Variation $13^{\circ}30'$ East.
- 40.02 Set a sand stone $10 \times 10 \times 8$ 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
- 80.04 The corner to sections 10, 11, 14 & 15
Land level.
Soil 3rd. rate
Vegetation bunchgrass

Township 16 N. Range 28 E.

Gila and Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation

13° 58'

East.

Over level land

40.00 Set a sand stone 10 x 7 x 5 ins., 6 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. 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

65.00 Foot of Bluff, leave N. E. & S. and ascend.

74.00 Top of Bluff, leave N. E. & S. and descend.

80.00 Set a quartz stone 30 x 24 x 12 ins. 24 ins. in the ground for Cor. to Secs. 2, 3, 10 & 11 marked with 5 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. alongside

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass

Township 16 N. Range 20 Gila and Salt River Meridian.

- Chains East, on a random line between Sections 2 and 11.
 Variation $17^{\circ}50'$ East.
 Descend.
- 5.00 Cross Wash, 300 yds. wide, Course S. E.
 40.00 Set temporary $\frac{1}{2}$ sec. cor.
 51.62 Cross Wash, 225 yds. wide, Course $10^{\circ}W$ and ascend.
 79.83 Intersect N. & S. line, 19 yds. North of cor. to secs.
 1. 2. 11 & 12 from which corner, I run
 N. $89^{\circ}52'W$. on a true line between sections 2 & 11
 Variation $13^{\circ}50'$ East.
- 39.92 Set a sand stone $12 \times 10 \times 6$ 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
- 79.83 The corner to sections 2. 3. 10 & 11
 Land rolling. and Broken.
 Soil 3rd. rate
 Vegetation bunchgrass

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

Chains North, on a ~~random~~^{true.} line between Sections 2 and 3.
Variation 10° 50' East.

Descend.

2.00 Cross Wash, 500 yds. wide, Course S. 4 W. and ascend.

32.00 Top of Tall Sand, leave E. & W.

40.00 Set a sand stone 10 x 8 x 7 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., 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.

80.19 Intersect the 4th Standard North at a point 7.85 chs. East of the Standard ^{1/4 Sec.} Cor. to S. Secs. 24 and T. 17 N. R. 28 E. recently

~~established by me~~
Which is a post 3 ft. long, 3 in. diam. with marked stem, 12 ins. in the ground for Standard 1/4 Sec. Cor., marked S. C. 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 and at which P. 2

Set a sand stone 10 x 10 x 9 ins. 8 ins. in the ground for Closing Cor. to Secs. 2 and 3 marked C. C. with 2 notches on E. and 4 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base. alongside Land rolling.

Soil 3rd. rate

Vegetation bunchgrass

M. M. Harlow, commissioner
Oct. 20, 1882

I carefully examined the
adjustment of my Solar Compass
today particularly the latitude
& leveling apparatus & found
them correct

Oct. 25 1882

Township 16 N. Range 23 E
 Gila and Salt River Meridian.

Chains From the corner to sections, ~~3 4 3 3 & 3 4~~ ^{By of 2 p}
 Which is a ~~lava~~ stone x x ins. ins. in
 the ground for Cor. to Secs. 3 4. 3 3 & 3 4 marked
 with J notches on N and J 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

~~Shower~~ ~~run~~
 North between sections 3 3 & 3 4
 Variation 13° 47' East.

Descend. Over rolling land.

- 7.00 Cross Wash, 24 lks. wide, Course West and ascend.
 - 9.00 Top of Spur, bears E. & N. and descend.
 - 14.01 Cross Wash, 20 lks. wide, Course S. E. and ascend.
 - 46.00 Set a sand stone 18 x 8 x 4 ins., 12
 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 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
 - 51.00 Top of Ridge, bears E. & N. and descend.
 - 80.00 Set a sand stone 18 x 16 x 8 ins. 12 ins. in
 the ground for Cor. to Secs. 2 7. 2 8. 3 3 & 3 4 marked
 with / notch on S. and J 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 mountainous.
- Soil - 3rd. rate
 Vegetation bunchgrass

Township 10 Range N. 23 E. 24

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 27 and 34.

Variation $13^{\circ}58'$ East.

Descend.

7.58 Enter Flat bears N. & S.

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

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

26. & 27. 34 & 33 from which corner, I run

S. $89^{\circ}32'$ W. on a true line between sections 27 & 34Variation $13^{\circ}58'$ East.

39.86 Set a sand stone $10 \times 8 \times 7$ ins., 6
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

79.72 The corner to sections 27. 28. 33 & 34

Land rolling.

Soil gravel. rate

Vegetation bunchgrass

25 Township 16 N. Range 20 E.
Gila and Salt River Meridian.

Chains	North, between Sections 27 and 28. Variation $10^{\circ} 50'$ East.
	<i>Ascend.</i>
7.00	Top of Spur, bears E. & W. and descend.
18.00	Enter Flat bears E. & W.
40.00	Set a sand stone $18 \times 16 \times 8$ ins., 12 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 $19 \times 7 \times 7$ ins. 15 ins. in the ground for Cor. to Secs. 21, 22, 27 & 28 marked with 2 notches on S. 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 3rd. rate
	Vegetation bunchgrass

Township

16

N. Range

20

G²⁶

Gila and Salt River

Meridian.

Chains

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

Variation

N^o 50'

East.

Over level land

19.20

Cross Wash, 175 lks. wide, Course S. 20° E.

40.00

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

79.47 Intersect N. & S. line, 17 lks. North of cor. to secs.

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

N. 89° 50' W. on a true line between sections 22 & 27

Variation 13° 50' East.

39.74

Set a sand stone 10 x 10 x 4 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

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

*Land rolling.**Soil Prod. rate**Vegetation bunchgrass*

Township 16 N. Range 2 P. 6
 Gila and Salt River Meridian.

Chains

North, between Sections 21 and 22.

Variation $13^{\circ}30'$ East.*Over level land*

- 14.15 Cross Wash, 200 yds. wide, Course S. 40° E.
- 40.00 Set a sand stone $10 \times 9 \times 7$ ins., 6 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
- 43.00 Cross Wash, 200 yds. wide, Course S. E.
- 80.00 Set a sand stone $8 \times 10 \times 4$ ins. 10 ins. in the ground for Cor. to Secs. 15, 16, 21 & 22 marked with 3 notches on S. 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 3rd, 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

13° 58'

East.

Ascend.

17.00

Top of Spur, bears *N. 20° E* & *S. 20° W* and descend.

40.00

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

79.88

Intersect N. & S. line, 9 *lks. North* of cor. to secs.

14, 15, 22 & 23 from which corner, I run

N. 89° 58' W on a true line between sections 15 & 22

Variation 13° 58' East.

39.94

Set a sand stone 11 x 10 x 8 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

79.88

The corner to sections 15, 16, 21 & 22

*Land rolling and mountainous.**Soil good, rafe**Vegetation bunchgrass*

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

Township 16 N. Range 20 E.
Gila and Salt River Meridian.

Chains

North, between Sections 15 and 16.

Variation

13° 50'

East.

Ascend.

- 46.00 Set a sand stone 10" x 9 x 7 ins., 6 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
- 61.50 Top of Hill bears E. & W.
- 80.00 Set a sand stone 16 x 16 x 4 ins. 10 ins. in the ground for Cor. to Secs. 9, 10, 15 & 16 marked with 4 notches on S. and 6 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 hilly
Soil 3rd, rate
Vegetation bunchgrass

Township 16 N. Range 23 E.

Gila and Salt River Meridian.

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

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

Over rolling land.

14.00 Leave Talk Land, leave N. E. S. Wand descend.

38.50 Enter Flat bears N. & S.

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

80.09 Intersect N. & S. line, 26 lks. South of cor. to secs.

10.11.14 & 15 from which corner, I run

S. $89^{\circ}49'W$. on a true line between sections 10 & 15Variation $13^{\circ}50'$ East.

40.05 Set a sand stone $11 \times 10 \times 8$ 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

80.09 The corner to sections 9.10.15 & 16

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass

Township

16

N. Range

23

E

Gila and Salt River

Meridian.

Chains

North, between Sections 9 and 10.

Variation

13° 50'

East.

Over rolling land.

40.00 Set a sand stone 13 x 10 x 3 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

80.00 Set a quartz stone 12 x 10 x 3 ins., 8 ins. in the ground for Cor. to Secs. 9 & 10 marked 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. alongside

Land rolling.

Soil 3rd, 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 $13^{\circ}38'$ East.
	Over rolling land.
40.00	Set temporary $\frac{1}{4}$ sec. cor.
65.00	Leave Prairie and descend.
86.32	Intersect N. & S. line, 13 lks. North of cor. to secs. 2, 3, 10 & 11 from which corner, I run N. $89^{\circ}54'W.$ on a true line between sections 3 & 10 Variation $13^{\circ}38'$ East.
40.16	Set a sand stone $13 \times 10 \times 7$ 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
80.32	The corner to sections 3, 4, 9 & 10 Land rolling. Soil 3 rate Vegetation Bunchgrass

Township 16

N. Range 20

6

Gila and Salt River

Meridian.

Chains	<p style="text-align: center;"><i>true.</i></p> <p>North, on a run line between Sections 3 and 4.</p> <p style="text-align: right;">Variation 18° 50' East.</p>
29.00	<p>Leave Prairie and ascend.</p> <p>40.00 Set a sand stone 17 x 9 x 4 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., C. 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</p>
80.37	<p>Intersect the 4th Standard North at a point 7.36 chs. East of the Standard ^{Sec.} Cor. to on S. & S. Sect. 33 and T. 17 N. R. 206. <i>recently</i></p> <p>Which is a sand stone 30 x 24 x 6 ins., 24 ins. in the ground for Standard 1/4 Sec. Cor., marked S. C. 1/4 on N. face, dug pits 18 x 18 x 12 ins., C. 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 <i>and at which it is set</i></p> <p>Set a sand stone 10 x 10 x 7 ins. 6 ins. in the ground for Closing Cor. to Secs. 3 and 4 marked C. C. with 3 notches on E. and 3 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base. alongside</p> <p>Land rolling.</p> <p>Soil 3rd. rate</p> <p style="text-align: center;"><i>ation limestone</i></p>

I carefully examined the
adjustment of my Solar
Compass - to-day particularly
the latitude & reversing
apparatus - & found
them correct

Oct. 26-1882

Township 16 N. Range 20 E.

Gila and Salt River Meridian.

Chains

From the corner to sections, 4, 5, 2 & 3
~~Which is a sand stone 12 x 12 x 5 ins. 8 ins. in~~
The ground for Cor. to Secs. 4, 5, 2 & 3 marked
with 2 notch 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. alongside

~~thence~~
North between sections 2 & 3
Variation 13° 30' East.

Descend.

2.25 Cross Wash, 15' lks. wide, Course S 10' W and ascend.

9.00 Top of Table Land, bears E. & N.

40.00 Set a sand stone 18 x 8 x 4 ins., 12
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

80.00 Set a sand stone 12 x 9 x 6 ins. 8 ins. in
the ground for Cor. to Secs. 2 8. 2 9. 3 2 & 3 marked
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. alongside

Land rolling.

Soil 1st. rate

Vegetation bunchgrass

Township 16 N. Range 23 E

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 28 and 33.

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

Over high Table Land

9.50

Edge of Bluff, leave N. & S. and descend.

11.00

Enter Flat bears N. & S.

40.00

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

43.00

Leave Flat bears N. & S. and ascend.

48.00

Top of Bluff, leave N. & S.

59.00

Cross Wash, 200 yds. wide, Course South and ascend.

63.00

Top of Spur, bears N. & S. and descend.

79.88

Intersect N. & S. line, 44 yds. North of cor. to secs.

27, 28, 33 & 34 from which corner, I run

N. $89^{\circ}41'W.$ on a true line between sections 28 & 33Variation $13^{\circ}50'$ East.

39.94

Set a sand stone $13 \times 10 \times 5$ ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, dug pits, $18 \times 78 \times 12$ 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

79.88

The corner to sections 28, 29, 32 & 33

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass

Township 16 N. Range 23 E.

Gila and Salt River Meridian.

Chains North, between Sections 28 and 29.

Variation $13^{\circ}50'$ East.*Over high Table Land*

40.00 Set a sand stone $19 \times 7 \times 4$ 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

73.00 Descend. from Table Land. bears N. W. & S. E.

80.00 Set a sand stone $16 \times 10 \times 8$ ins. 10 ins. in the ground for Cor. to Secs. 20, 21, & 8 & 9 marked with 2 notches on S. 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 3rd. rate

Vegetation bunchgrass

37 Township 16 N. Range 23 E.
Gila and Salt River Meridian.

- Chains East, on a random line between Sections 21 and 28.
Variation $13^{\circ} 58'$ East.
- Over level land
- 40.00 Set temporary $\frac{1}{2}$ sec. cor.
- 80.22 Intersect N. & S. line, 23 *Wks. North* of cor. to secs.
21.22.27 & 28 from which corner, I run
N. $89^{\circ} 30'$ W. on a true line between sections 21 & 28
Variation $13^{\circ} 58'$ East.
- 40.11 Set a *quartz* stone $18 \times 16 \times 8$ 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., 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
- 80.22 The corner to sections 20. 21. 28 & 29
Land level.
Soil *3rd. rate*
Vegetation *brushgrass*

Township 16 N. Range 23 E. Gila and Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation

13° 50'

East.

Descend.

- 22.00 Cross low Sag and ascend.
- 29.00 Top of Spur, bears N. 60° E. & S 60° W. and descend.
- 33.00 Cross low Sag and ascend. '
- 40.00 Set a sand stone 10x10x4 ins., 10 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{4}$ on N. 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 sand stone 13x13x7 ins. 10 ins. in the ground for Cor. to Secs. 16, 17, 20 & 21 marked 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. alongside
- Land rolling. mountainous.
- Soil 3^d rate
- Vegetation Bunchgrass -

Township

16

N. Range

23

E.

Gila and Salt River

Meridian.

Chains

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

Variation $13^{\circ} 58'$ East.*Ascend.*4.00 Top of Spur, bears $N. 30^{\circ} E.$ & $S. 80^{\circ} W.$ and descend.40.00 Set temporary $\frac{1}{4}$ sec. cor.

77.00 Cross low Sag and ascend.

80.10 Intersect N. & S. line, 12 *Wks.* South of cor. to secs.

15, 16, 21 & 22 from which corner, I run

 $S. 89^{\circ} 58' W.$ on a true line between sections 16 & 21Variation $13^{\circ} 58'$ East.

40.05 Set a sand stone $74 \times 8 \times 8$ 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

80.10 The corner to sections 16, 17, 20 & 21

*Land mountainous.**Soil 3rd. rate**Vegetation bunchgrass*

Chains North, between Sections 16 and 17.
 Variation $13^{\circ} 50'$ East.

Ascend.

21.00 Top of Spur, bears $N. 40^{\circ} E.$ & $S. 40^{\circ} W.$ and descend.

35.00 Cross low Sag and ascend.

40.00 Set a *sand* stone $10 \times 10 \times 5$ ins., 6 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., *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 $18 \times 14 \times 4$ ins. 10 ins. in the ground for Cor. to Secs. 8, 9, 16 & 17 marked with 4 notches on *S.* 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 mountainous. and rolling.

Soil *Snd.* rate

Vegetation *bunchgrass*

Township 16 N. Range 20 E.
Gila and Salt River Meridian.

Chains East, on a random line between Sections 9 and 16.
Variation $13^{\circ} 58'$ East.

Over rolling land.

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

79.95⁻ Intersect N. & S. line, 13 lks. North of cor. to secs.
9, 10, 15 & 16 from which corner, I run
N. 89° 54' W. on a true line between sections 9 & 16
Variation $13^{\circ} 58'$ East.

39.98 Set a sand stone $11 \times 9 \times 7$ 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

79.95⁻ The corner to sections 8, 9, 16 & 17

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass

Township 16 N. Range 23 E.

Gila and Salt River Meridian.

Chains North, between Sections 8 and 9.

Variation $13^{\circ} 58'$ East.*Ascend.*

40.00 Set a sand stone $15 \times 10 \times 6$ 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 $18 \times 10 \times 4$ ins. 12 ins. in the ground for Cor. to Secs. 4, 5, 8 & 9 marked with 5 notches on S. 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 3rd. rate

Vegetation bunchgrass

Township 16 Ct. Range 23

6

Gila and Salt River Meridian.

Chains	East, on a random line between Sections 4 and 9. Variation 13° 50' East.
	Over rolling land.
40.00	Set temporary 1/4 sec. cor.
80.29	Intersect N. & S. line, 26 lks. South of cor. to secs. 3, 4, 9 & 10 from which corner, I run S. 89° 49' W. on a true line between sections 4 & 9 Variation 13° 50' East.
40.15	Set a sand stone 13 x 10 x 8 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., 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
80.29	The corner to sections 4, 5, 8 & 9 Land rolling. Soil 3rd. rate Vegetation bunchgrass

Township 16 N Range 23 E

Gila and Salt River Meridian.

Chains North, on a ~~random~~ ^{true.} line between Sections 4 and 5.
Variation 13° 58' East.

Ascend.

3.10 Top of Spur, bears N. 60° E. ~ S. 60° W. and descend.
40.00 Set a sand stone 10 x 6 x 4 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., 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

88.85 Intersect the 4th Standard North at a point 6.85 chs. East of the Standard ^{1/4 Sec.} Cor. ~~to~~ ^{now} S. B. Sect. 32 and T. 17 N. R. 23 E. ~~at~~ ^{at} ~~intersection pt.~~

~~Which is a sand stone 14 x 12 x 8 ins., 10 ins. in the ground for Standard 1/4 Sec. Cor., marked S. C. 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 and~~

9 Set a sand stone 17 x 16 x 4 ins. 12 ins. in the ground for Closing Cor. to Secs. 4 and 5 marked C. C. with 4 notches on E. and 2 notches on W. edges dug pits 18 x 18 x 12 ins.

3.10 Top of Spur, bears $N. 60^{\circ} E.$ & $S. 60^{\circ} W.$ and descend.
40.00 Set a sand stone $10 \times 6 \times 4$ ins., 6
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

80.85 Intersect the 4th. Standard North at a
point 6.85 chs. East of the Standard ^{14 Sec.} Cor. ^{known}
S. B. Sect. 32 and T. 17 N. R. 23 E. ^{at intersection pt.}

~~Which is a sand stone $14 \times 12 \times 8$ ins., 70
ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S.
C. $\frac{1}{4}$ 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 and~~

9 Set a sand stone $17 \times 16 \times 4$ ins. 12 ins. in
the ground for Closing Cor. to Secs. 4 and 5
marked C. C. with 4 notches on E. and 2 notches on
W. edges, dug pits $18 \times 18 \times 12$ ins. S. E., and W. of
stone, $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft.
high, $4\frac{1}{2}$ ft. base. alongside

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass

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

Oct. 26 - 1882

Township 16 N. Range 20 E.

Gila and Salt River Meridian.

Chains From the corner to sections, 5, 6, 31 + 32 and, By 1/2 Sp.
~~which is a sand stone 11 x 9 x 6 ins. 8 ins. in~~
 which is a sand stone 11 x 9 x 6 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

North between sections 31 + 32

Variation 13 2/7 East.

Over level land

20.00 Leave Flat bears N. 70° W. + S. 70° E. and ascend.

40.00 Set a flint stone 18 x 16 x 4 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. alongside

44.00 Top of Spur, bears N. W. + S. E. and descend.

56.00
 80.00 Set a sand stone 14 x 10 x 8 ins. 10 ins. in
 the ground for Cor. to Secs. 29, 30, 31 + 32 marked
 with 1 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. alongside
 Land rolling.

Soil 3rd. rate

Vegetation bunchgrass

Township 16 Ct. Range 23 E.

Gila and Salt River Meridian.

- Chains East, on a random line between Sections 29 and 32.
Variation $13^{\circ} 50'$ East.
- Descend. Over rolling land.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 44.00 Cross low Sag and ascend.
- 79.94 Intersect N. & S. line, $10'$ Wks. South of cor. to secs.
28, 29, 30 & 31 from which corner, I run
 $159^{\circ} 54' W.$ on a true line between sections 29 & 32
Variation $13^{\circ} 50'$ East.
- 39.97 Set a sand stone $12 \times 10 \times 8$ 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
- 79.94 The corner to sections 29, 30, 31 & 32
Land rolling.
Soil 3rd. rate
Vegetation bunchgrass

Henry C. Coe
Oct. 27, 1882

Township

16

Range

20

E

Gila and Salt River

Meridian.

Chains

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

Variation 13° 50' East.

Ascend. Over rolling land.

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

35.00 Enter Timber, bears N. E. & S. W.

40.00 Set temporary 1/2 sec. cor.

45.00 Leave Timber, bears N. E. & S. W.

90.15 Intersect W. B. of Tp. 19 1/2 m. North of cor. to secs.

25. 30. 31 & 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. 36 on S. W. and S. 25' on N. W. face,

with 1 notch on S. and 5' notches on wedges;

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° 52' E. on a true line between sections 30 & 31

Set a sand stone 20 x 5 x 5 ins., Va. 13° 50' East.

ins. in the ground, for 1/2 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 from which

A Juniper 15 ins. diam. bears N. 14° E. 115 fks. dist. marked 1/4 S. B. T.

A Juniper 7 1/2 ins. diam. bears S 39 1/4 E. 227 fks. dist. marked 1/4 S. B. T.

The corner to sections 29. 30. 31 & 32

M. W. Whelan
comparative
Oct. 27. 1882

Soil grad. rate
Vegetation
Timber of growth

Township 16 N. Range 23 E. 48

Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation $10^{\circ} 58'$ East.*Ascend. Over rolling land.*6.00 *Top of Spur, bears $N. 80^{\circ} E.$ & $S. 60^{\circ} W.$ and descend.*40.00 *Set a sand stone $10 \times 9 \times 8$ ins., 6 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 $15 \times 10 \times 6$ ins., 10 ins. in the ground for Cor. to Secs. 19. 20. 29 & 30 marked with 2 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. alongside**Land rolling and mountainous.**Soil 3rd. rate**Vegetation bunchgrass*

Township 16 N. Range 28 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 20 and 29.
 Variation $13^{\circ}30'$ East.
 Ascend. Over rolling land.
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 80.13 Intersect N. & S. line, 33 lks. South of cor. to secs.
 20, 21, 28 & 29 from which corner, I run
 S. 89° 46' W. on a true line between sections 20 & 29
 Variation $13^{\circ}30'$ East.
 40.07 Set a sand stone $14 \times 10 \times 4$ 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
 80.13 The corner to sections 19, 20, 29 & 30
 Land rolling.
 Soil 3rd. rate
 Vegetation bunchgrass

Township

16

Ch. Range

23

E

Gila and Salt River

Meridian.

Chains

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

Variation

$13^{\circ} 58'$

East.

Descend.

40.00

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

58.00

Cross low Sag and ascend.

90.09

Intersect W. B. of Tp. 18 ^{1/2} lks. South 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 ^{1/2} lks S. 19 on N. E., R 23 ^{1/2} E., S. 30

on S. E. 1/4 S. 25 on S. W and S. 24 on N. W. face,

with 2 notches on S. and 4 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, $4\frac{1}{2}$ ft. base

around post.

From which corner I run.

$S 89^{\circ} 54' 0''$ on a true line between sections 19 & 30

Va. $13^{\circ} 58'$

East.

50.09

Set a sand

stone $20 \times 10 \times 6$ ins., $13'$

ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on Ch.

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

90.09

The corner to sections 19. 20. 29 & 30

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass

I carefully examined the adjustments of my solar

compass to-day. particularly the latitude and revers-

ing apparatus and found them correct

W. W. 26 above corner

Oct. 27 1892

Township 16 N Range 20 E

Gila and Salt River Meridian.

Chains

North, between Sections 19 and 20.

Variation $13^{\circ} 58'$ East.

Descend.

- 27.00 Cross low Sag and ascend.
- 40.00 Set a lava stone $12 \times 10 \times 8$ 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., 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 $N. 60^{\circ} E.$ & $S. 60^{\circ} W.$ and descend.
- 80.00 Set a sand stone $8 \times 10 \times 6$ ins. 10 ins. in the ground for Cor. to Secs. 17, 18, 19 & 20 marked with \int notches on S. and σ 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 3rd, rate
- Vegetation bunchgrass

Township 16 N Range 20 E

Gila and Salt River Meridian.

Chains	East, on a random line between Sections 17 and 20. Variation $13^{\circ} 50'$ East.
	Ascend. Over rolling land.
26.00	Top of Spur, bears N. 20° E. & S. 20° W. and descend.
40.00	Set temporary $\frac{1}{4}$ sec. cor.
50.00	Cross low Sag and ascend.
79.81	Intersect N. & S. line, 21 lks. South of cor. to secs. 16, 17, 20 & 21 from which corner, I run $689^{\circ} 51'$ W. on a true line between sections 17 & 20 Variation $13^{\circ} 50'$ East.
39.91	Set a sand stone $13 \times 12 \times 8$ 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
79.81	The corner to sections 17, 18, 19 & 20 Land rolling. Soil 3rd. rate Vegetation bunchgrass
	Henry A. Coe Oct. 27, 1882

Township

16

N. Range

20

E

Gila and Salt River

Meridian.

Chains

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

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

Descend. Over rolling land.

4.00
40.00
48.00
90.58

Cross low Sag and ascend.
Set temporary $\frac{1}{4}$ sec. cor.
Top of Spur, bears $Ch. \vee S.$ and descend.
Intersect W.B. of Tp. 8 lks. South of cor. to secs.

13, 18, 19 & 24 ~~recently established by me~~ Which is a

1 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. ^{R. 23 E.} S. 24 on S. W and S. 13 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, $4\frac{1}{2}$ ft. base
around post.

From which corner I run.

Ch 937 C on a true line between sections 18 & 19

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

58.58
90.58

Set a sand stone 15 x 8 x 8 ins., 10
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on $Ch.$
face, dug pits, 18 x 18 x 12 ins., C. 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

The corner to sections 17, 18, 19 & 20
Land rolling.

Soil 3rd. rate
Vegetation bunchgrass

M. W. Haslam, compassman
Oct. 27, 1882

Township 16 N. Range 23 E.

54

Gila and Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation

13° 50'

East.

Ascend. Over rolling land.

40.00

Set a sand stone $15 \times 10 \times 5$ 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., 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 $4 \times 6 \times 4$ ins., 18 ins. in the ground for Cor. to Secs. 7, 8, 17 & 18 marked with \swarrow notch on S. and \searrow 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 3rd. rate**Vegetation bunchgrass*

Township 16 N. Range 23 E.

Gila and Salt River Meridian.

Chains

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

Variation 13° 58' East.

Descend.

36.00 Cross low Sag and ascend.

40.00 Set temporary 1/2 sec. cor.

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

80.14 Intersect N. & S. line, 23 lks. North of cor. to secs.

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

N. 89° 58' W. on a true line between sections 8 & 17

Variation 13° 58' East.

46.07 Set a sand stone 10 x 6 x 2 ins., 6 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 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

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

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass

Henry A. Boe

Oct. 27, 1882.

Township 16 N. Range 23 E.

Gila and Salt River Meridian.

Chains West, on a random line between Sections 7 and 18.
Variation $13^{\circ} 58'$ East.

Ascend. Over rolling land.

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

70.76 Intersect W.B. of Tp. 28 Nks. 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. 23 E. S. 18
R. 23 E.

on S. E. $\frac{1}{4}$ S. 13 on S. W and S. 12 on N. W. face,
with 4 notches on S. and 2 notches on ~~edges~~ 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 $^{\circ}$ 48' On a true line between sections 7 & 18~~

~~Va. $13^{\circ} 58'$ East.~~

50.76 Set a sand stone 16 x 14 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

90.76 The corner to sections 7.8.17 & 18

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass

Wm. C. Harlow compassman

Oct. 27, 1882

Township

16

N. Range

20

E.

Gila and Salt River

Meridian.

Chains

North, between Sections 7 and 8.

Variation

 $13^{\circ} 58'$

East.

Ascend.

40.00 Set a sand stone $17 \times 10 \times 6$ ins., 12 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 Top of Ridge, bears E. & N. and
Set a sand stone $10 \times 11 \times 5$ ins. 6 ins. in the ground for Cor. to Secs. 6, 7 & 8 marked with S notches on S. and E 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 $1\frac{1}{2}$ ft. base. alongside

*Land rolling.**Soil Prod. rate**Vegetation bunchgrass*

Township 16 N. Range 20 E

Gila and Salt River Meridian.

Chains

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

Variation $13^{\circ} 58'$ East.

Ascend.

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

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

80.33 Intersect N. & S. line, $\frac{1}{4}$ sec. at of cor. to secs.

4.5. 8 & 9 from which-corner, I run

W. on a true line between sections 5 & 8

Variation $13^{\circ} 58'$ East.

40.17 Set a sand stone $18 \times 8 \times 8$ 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

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

Land rolling and mountainous.

Soil *rod.* rate

Vegetation bunchgrass

Henry A. Bee
Oct 27. 1882

Township 16 Ch. Range 23 E.

Gila and Salt River Meridian.

Chains

West, on a random line between Sections 6 and 7.

Variation $13^{\circ}58'$ East.

Descend. Over rolling land.

40.00 Set temporary $\frac{1}{4}$ sec. cor.90.30 Intersect W. B. of Tp. 20 *1/2* m. South of cor. to secs.16, 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. 16, 7 & 12

marked T. 16 Ch. S. 6, on N. E., R 23 G., S. 7

on S. E. ^{R. 22 G.} S. 12 on S. W. and S. 1 on N. W. face,with \int notches on S. and \int notch on Chedges;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.

 $S. 89^{\circ}51' E.$ on a true line between sections 6 & 7Va. $13^{\circ}58'$ East.50.30 Set a sand stone 10 x 10 x 6 ins., 6
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on Ch.face, dug pits, 18 x 18 x 12 ins., \int 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

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

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass

Township 16 N Range 20 E

Gila and Salt River Meridian.

Chains North, on a random line between Sections 5 and 6.
Variation 13° 58' East.

Descend.

40.00 Set a sand stone 20 x 10 x 6 ins. 15 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

80.72 Intersect the 4th Standard North at a point 6.11 chs. East of the Standard ^{1/4} Sec. Cor. to on Sect. 31 and T. 17 N. R. 20 E at which

~~which is a sand stone 18 x 12 x 4 ins., 12 ins. in the ground for Standard 1/4 Sec. Cor., marked S. C. 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~~

Set a sand stone 20 x 10 x 10 ins. 15 ins. in the ground for Closing Cor. to Secs. 5 and 6 marked C. C. with 5 notches on E. and 1 notch on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base. alongside

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass

I carefully examined the adjustments of my solar compass to-day particularly the latitude and course.

rate
Vegetation bunchgrass

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

Oct 27 - 1882

U. S. Surveyor General's Office,

TUCSON, ARIZONA,

July 31, 1883

The foregoing Field Notes of the Survey of the

Subdivision Township
16 North 23 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. M. Robinson

Surveyor General.