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Book No. 16

*P*

Deputy Surveyor

T. 21 North

R. 18 East

Gila and Salt River Meridian.

*No-397*

# FIELD NOTES

BOOK 397

OF

THE SUBDIVISION LINES OF

Township *21 North* Range *18 East*

Gila and Salt River Meridian.

BY

*B. P. Johnson* Deputy Surveyor.

Under his Contract of *Aug 5<sup>th</sup> 1882*

Survey Commenced *March 10<sup>th</sup> 1883*

Survey Completed *March 21<sup>st</sup> 1883*

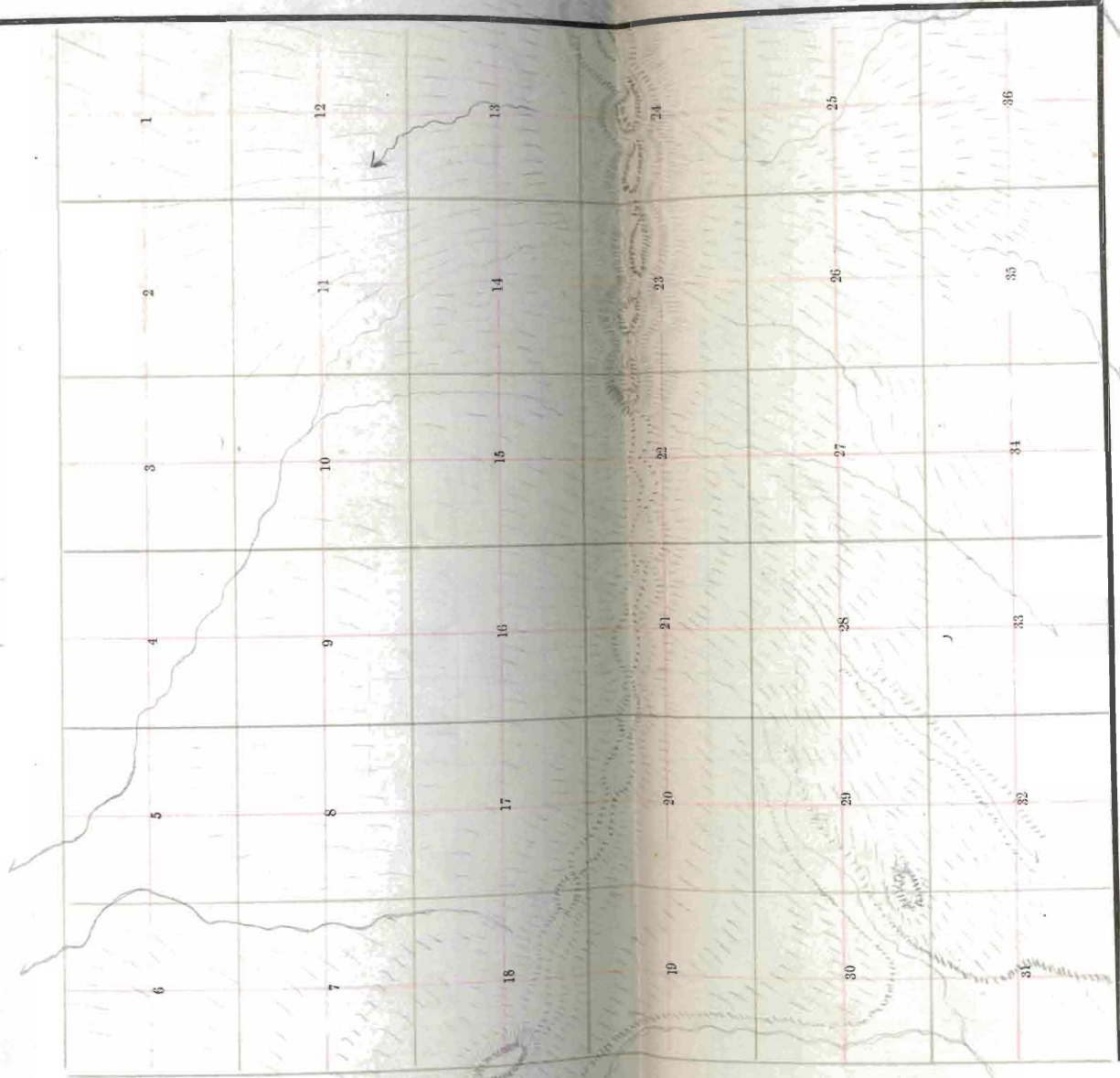
*No-397*

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397

Township No. 91 North Range No. 18 East 1st Meridian.

BOOK 397



BOOK 397

TOWNSHIP PLOT

Meridian Line,

Base Line,

Standard Line,

Township Lines,

Section Lines,

Meander Lines,

Office Work.

*A. P. Johnson* Deputy Surveyor.

**T.** *21 N* **R.** *18 E*

Gila and Salt River Meridian.

*No-397*  
**FIELD NOTES**

OF

THE SUBDIVISION LINES OF

Township *21 N* Range *18 E*

Gila and Salt River Meridian.

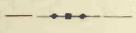
BY

*A. P. Johnson* Deputy Surveyor.

Under his Contract of *Aug 27* 188*2*

Survey Commenced *March 19<sup>th</sup>* 188*2*

Survey Completed *March 21<sup>st</sup>* 188*3*



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BOOK 397

Township 21 North, Range 18 East,  
Gila and Salt River Baseline 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
56		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 notes  
and description of instrument  
used see Book No. 1 -

~~Survey made with Burt's Patent Improved Solar  
Compass, nearly new, and in first rate order. Made~~

~~by C. H. Fennel of Cassel~~

~~German in 1881~~

~~Before proceeding further with the <sup>subdivisions</sup> ~~exteriors~~ of this T<sup>y</sup>.~~

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

1 Township 21 N. Range 18 E.

(See previous page.)

Gila and Salt River Meridian.

Chains Standard  
 From the corner to Sections 35, 36, on the South boundary,  
 of Township  
 which is a sand stone 12x10x4 ins  
 8 ins in the ground marked  
 S. C., with 1 notch on E. and  
 5 notches on W. edge, with pits  
 18x18x12 ins. N., E. and W. of stone,  
 5 1/2 ft. dist., and a mound of earth  
 2 ft. high 4 1/2 ft. base, alongside I run  
 North between sections 35 & 36

Variation 14° 18' East.

Ascend.

40.00 Deposited a marked stone, 12 ins. in the ground, for  
 1/4 sec. cor., dug pits 18x18x12 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 over it. In N. pit drove a stake 2  
 ft. long, 2 in. square, 12 ins. in the ground, marked 1/4  
 s. on W. face.

30.00 Set a Flint stone 15 x 8 x 4 ins. 10 ins.  
 in the ground for Cor. to Secs. 25, 26, 35, 36 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 rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass.  
 Timber of Juniper.

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains	East, on a random line between Sections 25 and 36. Variation $13^{\circ} 30'$ East.
	Descend.
40.00	Set temporary $\frac{1}{4}$ Sec. Cor.
79.00	Cross Wash, 75 lks. wide, Course $S.$ and ascend.
79.72	Intersect $E. B.$ of $Tp.$ 18 lks. $S.$ of cor. to secs. <del>previously set by me.</del>
	25, 30, 31, 36, from which corner, I run $S. 89^{\circ} 52' W.$ on a true line, between sections 25 & 26 Variation $13^{\circ} 30'$ East.
39.80	Set a Flint-stone $15 \times 9 \times 7$ ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on $N.$ face, and raised a mound of stone alongside. Pits impracticable.
79.72	The corner to sections 25, 26, 35, 36 Land rolling. Soil $3^{\circ}$ rate Vegetation Grass.

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains North, between Sections 25 and 26.

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

40.00 Set a Flint stone  $18 \times 14 \times 4$  ins., 12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, dug pits  $18 \times 18 \times 12$  ins., 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 Flint stone  $6 \times 4 \times 4$  ins. 4 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. on

Top of Ridge, bears N. E.  $\tau$  S. W. and descend.

Land mountainous.

Soil 3<sup>rd</sup> rate

Vegetation Grass



Township

21

N.

Range

18

E.

Gila and Salt River Meridian.

Chains

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

Variation 13° 30' East.

Over level land

14.00 Cross Wash, 30 lks. wide, Course S. 10° W.

40.00 Set temporary 1/2 Sec. Cor.

79.93 Intersect S. B. of Tp. 13 lks. N. of cor. to secs. previously set by me.

19. 24. 20. 30 from which corner, I run

N. 87° 04' W. on a true line, between sections 24 & 25

Variation 13° 30' East.

13.06 Deposited a marked stone, 12 ins. in the ground, for 1/2 sec. cor., dug pits 18x18x12 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 over it. In E. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1/2 s. on N. face.

70.93 The corner to sections 23. 24. 20. 26

Land level.

Soil 3<sup>rd</sup> rate

Vegetation Grass & Sage.

Township 21 N Range 18 E

Gila and Salt River Meridian.

Chains

North, between Sections 23 and 24.

Variation 13' 30' East.

*Ascend.*

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, and raised a mound of stone  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base around post. Pits impracticable.

02.80 Top of Ridge, bears N. 38' E. S. 35' W. and descend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone  
12 ins. in the ground, for Cor. to Secs, 13. 14. 23. 24.  
marked T, 21 N. S. 13, on N, E, R, 18 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 mountainous.

Soil 5<sup>th</sup> rate

Vegetation Grass

Timber of Juniper.

Township

21 N

Range

18 E

Gila and Salt River Meridian.

Chains

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

Variation  $13^{\circ} 30'$  East.*Ascend.*40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.79.80 Intersect E. B. of Tp. 40 Ns. N. of cor. to secs.  
13. 18. 19. 24 from which corner, I run  
previously set by me.N.  $89^{\circ} 43' W$  on a true line, between sections 13 & 24Variation  $13^{\circ} 30'$  East.39.90 Set a *lime* 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.

79.80 The corner to sections 13. 14. 23. 24

*Land rolling.*Soil  $3^{\circ}$  rateVegetation *Grass.*

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains North, between Sections 13 and 14.

Variation 13° 30' East.

Descend.

40.00 Set a Some stone 10 x 10 x 10 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.

80.00 Set a Some stone 15 x 9 x 6 ins. 10 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 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<sup>rd</sup> rate

Vegetation Grass.



Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 12 and 13.  
Variation  $13^{\circ} 30'$  East.*Descend.*29.30 Cross Wash, 24 Uks. wide, Course *N. 35° W.*40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.79.68 Intersect *E. B. of Tp. 18 Uks. S. of cor. to secs.*  
*previously set by me.*

7. 12. 13. 18 from which corner, I run

*S. 89° 52' W. on a true line, between sections 12 & 13*Variation  $13^{\circ} 30'$  East.39.84 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.*

79.68 The corner to sections 11, 12, 13, 14

*Land rolling.**Soil 3 $^{\circ}$  rate**Vegetation Grass**Timber of Juniper.*

BOOK 397

9 Township 21 N.

Range 18 E.

Gila and Salt River Meridian.

Chains

North, between Sections 11 and 12.

Variation 13° 30' East.

Ascend.

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

40.00 Set a sand stone 21 x 12 x 6 ins., 15 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone alongside. Pits impracticable.

80.00 Set a sand stone 16 x 6 x 4 ins. 10 ins. in the ground for Cor. to Secs. 1. 2. 11. 12 marked with 5 notches on S. and 1 notch on E. of cor., dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base. alongside.

Land mountainous.

Soil 3<sup>rd</sup> rate

Vegetation Grass

Timber of Juniper.

Township 21 N Range 18 E

Gila and Salt River Meridian.

Chains East, on a random line between Sections 1 and 12.  
Variation  $13^{\circ} 21'$  East.

*Ascend.*

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

79.62 Intersect *E. B. of Tp. 21 lks. S. of cor. to secs. previously set by me.*  
1. 6. 7. 12 from which corner, I run

$S. 89^{\circ} 51' W.$  on a true line, between sections 1 & 12.

Variation  $13^{\circ} 30'$  East.

39.81 Set a Sand stone  $14 \times 7 \times 4$  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.

79.62 The corner to sections 1, 2, 11, 12

Land rolling.

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

Vegetation *Grass*

*Timber of Juniper.*

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains North, on a random line between Sections 1 and 2.  
Variation 13° 30' East.

*Descend.*

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

80.12 Intersect *N. B. of Tp. 34* lks. *E. of cor. to secs. -*  
*previously set by me.*  
*1. 2. 36. 36* from which corner, I run  
*8. 16' E.* on a true line, between sections *1 & 2.*

Variation 13° 21' East.

40.12 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.

80.12 The corner to sections *1. 2. 11. 12.*

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation *Grass.*

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

*A. P. Johnson Mar. 19<sup>th</sup> 1883*



Township 21 N. Range 18 E. Meridian.

Chains

Standard  
 From the corner to sections, 34 & 35 on S. Bay of Sp. which is a sand stone 10 x 7 x 2 in. 6 ins. in the ground marked S. E. with 2 notches on E. and 4 notches on W. edges, with pits 18 x 18 x 12 in. N. E. and W. of stone 5 1/2 ft. dist. and a mound of earth 2 ft. high, 4 1/2 ft. base alongside I. run North between sections 34 & 35

Ascend. Variation 14° 18' East.

45.00 Deposited a marked stone, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18x18x12 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 over it. In N. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1/2 s. on W. face.

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

80.00 Deposited a marked stone, 12 ins. in the ground, for cor. 7 secs. 26. 27. 34. 35, dug pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft. long, 12 ins; in the ground, marked T. 21 N. S. 26 on N. E. R. 18 E. S. 35 on S. E. S. 34 on S. W and S. 27 on N. W faces, with 1 notch on S. and 2 notches on E. edges. Land mountain vegetation Grass. Soil 3<sup>rd</sup> rate Timber of Juniper.

Township 21 N Range 18 E

Gila and Salt River Meridian.

Chains

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

Variation 13° 30' East.

*Descend.*

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

54.76 Cross Wash, 60 fks. wide, Course S. 30° W and ascend.

79.98 Intersect N. & S. line, 27 fks. N. of cor. to secs.

25, 26, 35, 36 from which corner, I run

N. 89° 48' W. on a true line between sections 26 & 36

Variation 13° 30' East

39.99

Deposited a marked stone, 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor., dug pits 18x18x12 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 over it. In E. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{4}$  s. on N. face.

79.98

The corner to sections 26, 27, 34, 35

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

Township

21 N

Range

18 E.

Gila and Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation 13° 30' East.

*Descend.*

39.00 Cross Wash, 30 yds. wide, Course S. W. and ascend.

40.00 Set a Flint-stone 15 x 9 x 6 ins., 10 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone alongside. Pits impracticable.80.00 Set a Flint-stone 16 x 8 x 3 ins. 10 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. alongside.

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

BOOK 397

15

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 23 and 26.  
Variation 13° 30' East.

*Ascend.*

27.00 Cross Wash, 20 lks. wide, Course S. W. and ascend.

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

79.61 Intersect N. & S. line, 42 lks. N. of cor. to secs.

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

N. 89° 42' W. on a true line between sections 23 & 26

Variation 13° 30' East

39.81 Set a Flint stone 10 x 8 x 4 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., 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.

79.61 The corner to sections 22, 23, 26, 27

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass.



Township

21 N

Range

18 E

Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation

13 30'

East.

*Ascend.*

20.00 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.

03.45 Top of Ridge, bears N 80° E. S 80° W and descend.

80.00 Deposited a marked stone, 12 ins. in the ground, for cor. to secs. 14, 15, 22, 23, dug pits 18x18x12 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 over it. In S. E. pit drove a stake 2 ins. square, 2 ft. long, 12 ins; in the ground, marked T. 21 N. S. 14 on N. E. R. 18 E. S. 23 on S. E. S. 22 on S. W and S. 15 on N. W faces, with 3 notches on S. and 2 notches on E. edges.

Land mountainous. & rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

Township

21 N.

Range

18 E

Gila and Salt River Meridian.

Chains

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

Variation

13° 30'

East.

Ascend.

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

80.08 Intersect N. &amp; S. line, 14 lks. S. of cor. to secs.

13. 14. 23. 24 from which corner, I run

S 99° 54' W. on a true line between sections 14 &amp; 23

Variation 13° 30' East

40.04 Deposited a marked stone, 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor., dug pits 18x18x12 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 over it. In E. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{4}$  s. on N. face.

80.08 The corner to sections 14. 15. 22. 23

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass

Timber of Juniper

Township 21 N Range 18 E

Gila and Salt River Meridian.

Chains North, between Sections 14 and 15.  
Variation 13° 30' East.

Descend.

42.00

Deposited a marked stone, 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor., dug pits 18x18x12 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 over it. In N pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{2}$  s. on W. face.

80.00

Set a sand stone 16 x 8 x 6 ins. 10 ins. in the ground for Cor. to Secs. 10. 11. 14. 16 marked with 4 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 3<sup>rd</sup> rate

Vegetation Grass.

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

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

Variation 13° 30' East.

Descend.

24.96 Cross Wash, 2 lks. wide, Course NW and ascend.

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

73.00 Descend. gradually.

80.38 Intersect N. & S. line, 42 lks. S. of cor. to secs.

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

1.00 42 W. on a true line between sections 11 & 14

Variation 13° 30' East

40.19 Set a Sand stone 12 x 7 x 3 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.

80.38 The corner to sections 10. 11. 14. 15

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

Timber of Juniper.



Township *21 N*

Range *18 E*

Gila and Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation *13° 30'* East.

*Descend.*

*39.00 Cross Wash, 20 lks. wide, Course NW.*

*40.00 Deposited a marked stone, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18x18x12 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 over it. In N. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1/4 s. on W face.*

80.00

*Set a Sand stone 14 x 7 x 5 ins. 10 ins. in the ground for Cor. to Secs. 2 3 10 11 marked with 4 notches 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. alongside.*

*Land rolling.*

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

*Vegetation Grass*

BOOK 397

21

Township 21 N Range 15 E

Gila and Salt River Meridian.

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

Variation 13° 30' East.

*Ascend.*

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

81.53 Intersect N. & S. line, 11 lks. S of cor. to secs.

2, 11, 12 from which corner, I run

89° 52' W. on a true line between sections 2 & 11

Variation 13° 21' East

40.20 Set a Sand stone 14 x 8 x 6 ins. 10  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on S  
face and raised a mound of stone. alongside.

*Pits impracticable.*

80.23 The corner to sections 2, 3, 10, 11.

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

Township

21 N.

Range

18 E.

Gila and Salt River Meridian.

Chains

North, on a random line between Sections 2 and 3.

Variation  $13^{\circ} 30'$  East.*Descend.*40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.80.34 Intersect N.B. of Tp. 40 lks. W. of cor. to secs.  
previously set by me.  
2. 3. 34. 35 from which corner, I runS.  $17^{\circ}$  W. on a true line, between sections 2 & 3Variation  $13^{\circ} 30'$  East.40.34 Set a post 3 ft. long, 3 ins. diam. with marked stone  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
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.

80.34 The corner to sections 2. 3. 10. 11

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass &amp; Sage.

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

G. M. Carson. Compassman. Mar. 19. 1853

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains

Standard  
From the corner to sections, 33 & 34 on S. line of Sp.  
Which is a sand stone  
16 x 10 x 4 ins. 10 ins. in the  
ground marked S. C., with  
3 notches on E. and 3 notches  
on W. edges, with pits 18 x 18 x 12 ins  
N. E. and W. of stone, 5½ ft. dist.  
and a mound of earth 2 ft.  
high 4½ ft. base alongside. I run  
North between sections 33 & 34

Variation 14° 18' East.

Descend.

40.00

Deposited a marked stone, 12 ins. in the ground, for  
½ sec. cor., dug pits 18x18x12 ins. N. and S. of  
post 5½ ft. dist. and raised a mound of earth 1½ ft.  
high, 3½ ft. base over it. In N. pit drove a stake 2  
ft. long, 2 in. square, 12 ins. in the ground, marked ½  
s. on W. face.

71.75  
80.00

Cross Wash, 15 lks. wide, Course S 38° W. and ascend.  
Set a Flint-stone 18 x 14 x 6 ins. 12 ins. in  
the ground for Cor. to Secs. 27, 28, 33, 34 marked  
with 1 notch on S. and 3 notches on E. edges and  
raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass



Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 27 and 34.  
Variation  $13^{\circ} 30'$  East.

Descend.

13.20 Cross Wash, 18 lks. wide, Course  $S. 65^{\circ} W$  and ascend.

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

80.36 Intersect N. & S. line, 30 lks. N. of cor. to secs.

26. 27. 34. 36 from which corner, I run

$N. 89^{\circ} 45' W.$  on a true line between sections 27 & 34

Variation  $13^{\circ} 30'$  East

40.18 Set a *Flint* stone  $14 \times 9 \times 4$  ins., 10  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
face, and raised a mound of stone alongside. Pits  
impracticable.

90.36 The corner to sections 27. 28. 33. 34

Land rolling.

Soil  $3^{\circ}$  rate

Vegetation *Grass.*

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains North, between Sections 27 and 28.

Variation  $13^{\circ} 30'$  East.

*Ascend.*

40.00 Set a Flint-stone  $12 \times 10 \times 6$  ins., 8 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone alongside. Pits impracticable.

30.00 Set a Flint-stone  $18 \times 14 \times 4$  ins. 12 ins. in the ground for Cor. to Secs. 21, 22, 27, 28 marked with 2 notches on S. and 3 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

Land mountainous.

Soil  $3^{\text{rd}}$  rate

Vegetation Grass.

Timber of Juniper.

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 22 and 27.  
 Variation  $13^{\circ} 30'$  East.

Descend.

40.00 Set temporary  $\frac{1}{2}$  Sec. Cor.

42.10 Cross Wash, 10 lks. wide, Course S. and ascend.

60.16 Top of Spur, bears N. 2 S. and descend.

82.26 Intersect N. &amp; S. line, 15 lks. S. of cor. to secs.

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

S.  $89^{\circ} 52'$  W. on a true line between sections 22 & 27Variation  $13^{\circ} 30'$  East

40.12 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.

82.26 The corner to sections 21, 22, 27, 28

Land mountainous.

Soil 3<sup>rd</sup> rateVegetation GrassTimber of Juniper

Township 21Range 15

Gila and Salt River Meridian.

Chains

North, between Sections 21 and 22.

Variation 139° 30'

East.

*Ascend.*

4000 Set a Flint stone 10 x 8 x 4 ins. 6 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face and raised a mound of stone. alongside.

*Pits impracticable.*

4000 Top of Ridge, bears N. 82° W. 300 and descend.

80.00 Deposited a marked stone, 12 ins. in the ground, for cor to secs. 15. 16. 21. 22, dug pits 18x18x12 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 over it. In S. E. pit drove a stake 2 ins. square, 2 ft. long, 12 ins; in the ground, marked T. 21 N. S. 15 on N. E. R. 78 & S. 22 on S. E. S. 21 on S. W and S. 16 on N. W faces, with 2 notch on S. and 3 notch on E. edges.

*Land rolling.*Soil 3 $\frac{1}{2}$  rateVegetation Grass.



Township 21 N Range 15 E

Gila and Salt River Meridian.

Chains East, on a random line between Sections 15 and 22.  
 Variation 13° 30' East.

Over level land

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

79.80 Intersect N. & S. line, 44 lks. S. of cor. to secs.  
14. 15. 22. 23 from which corner, I run

89.41 W. on a true line between sections 15 & 22

Variation 13° 30' East

37.80 Deposited a marked stone, 12 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor., dug pits 18x18x12 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 over it. In E. pit drove a stake 2  
 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{4}$   
 s. on N. face.

79.80 The corner to sections 15. 16. 21. 22.

Land level.

Soil 3<sup>rd</sup> rateVegetation Grass & Sage.

Township 21 N Range 18 E

Gila and Salt River Meridian.

Chains North, between Sections 15 and 16.

Variation  $13^{\circ} 30'$  East.

*Descend.*

4000 Set a *Sand* stone  $18 \times 9 \times 6$  ins.,  $5$  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 *Lime* stone  $11 \times 9 \times 11$  ins.  $8$  ins. in the ground for Cor. to Secs. *9, 10, 15, 16* marked with *4* 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 *3-3* rate

Vegetation *Grass*

Township 21 N Range 18 E

Gila and Salt River Meridian.

Chains East, on a random line between Sections 10 and 15.  
 Variation  $13^{\circ} 30'$  East.

Descend.

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

76.00 Cross Wash, 10 lks. wide, Course N. and ascend.

79.67 Intersect N. & S. line, 22 lks. N. of cor. to secs.  
 10. 11. 14. 15 from which corner, I run

N.  $89^{\circ} 57'$  W. on a true line between sections 10 & 15

Variation  $13^{\circ} 30'$  East

39.83 Set a lime stone  $13 \times 6 \times 6$  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.

79.67 The corner to sections 9. 10. 14. 15

Land rolling.

Soil  $2^{\text{nd}}$  rate

Vegetation Grass.

Township

21 N

Range

18 E

Gila and Salt River Meridian.

Chains

North, between Sections 9 and 10.

Variation

13° 30'

East.

*Descend.*

Deposited a marked stone, 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor., dug pits 18x18x12 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 over it. In N. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{4}$  s. on W. face.

71.83 Cross Wash, 18 lks. wide, Course N 65° W and ascend.

80.00 Set a *lime* stone 18 x 6 x 5 ins. 8 ins. in the ground for Cor. to Secs. 8, 4, 9, 10 marked with 6 notch on S. and 3 notch on E. edges and raised a mound of stone alongside. Pits impracticable.

*Land rolling.*Soil *3.2* rateVegetation *Grass*



Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 3 and 10.  
Variation  $13^{\circ} 30'$  East.*Ascend.*40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.79.87 Intersect N. & S. line, 41 lks. N. of cor. to secs.  
2, 3, 10. 11 from which corner, I runN. 89.42 W. on a true line between sections 3 & 10  
Variation  $13^{\circ} 30'$  East34.93 Set a Sand stone  $19 \times 8 \times 3$  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.

79.87 The corner to sections 3, 4, 9, 10

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

Township 21 N Range 18 E

Gila and Salt River Meridian.

Chains

North, on a random line between Sections 3 and 4.

Variation 13° 25' East.

Ascend.

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

40.00 Set temporary 1/4 Sec. Cor.

80.07 Intersect N. B. of Twp. 18 lks. W. of cor. to sec. previously set by me. 3.4.33. 3/4 from which corner, I run

86' W on a true line, between sections 3 & 4

Variation 13° 30' East.

40.07 Deposited a marked stone, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18x18x12 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 over it. In N. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1/4 s. on W. face.

80.07 The corner to sections 3-4 9. 10

Land mountainous.

Soil 3<sup>rd</sup> rate

Vegetation

Grass & Sage  
A. P. Johnson March 20, 1883

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains

Standard  
From the corner to sections, 32 & 33 on S. Ry of Sp-  
which is a sand stone  
14 x 7 x 6 ins. 10 ins. in the ground  
marked S. C. with 4 notches on  
E. and 2 notches on W. edges,  
with pits 18 x 18 x 12 ins. N. E. and  
W. of stone, 5½ ft. dist. and  
a mound of earth 2 ft. high, 4½ ft.  
base alongside. I run

North between sections 32 &amp; 33

Variation 14° 18' East.

Ascend.

40.00

Deposited a marked stone, 12 ins. in the ground, for  
¼ sec cor., dug pits 18x18x12 ins. N. and S. of  
post 5½ ft. dist. and raised a mound of earth 1½ ft.  
high, 3½ ft. base over it. In N. pit drove a stake 2  
ft. long, 2 in. square, 12 ins. in the-ground, marked ½  
s. on W. face.

80.00

Set a Flint stone 16 x 15 x 10 ins. 10 ins. in  
the ground for Cor. to Secs. 28, 29, 32, 33 marked  
with 1 notch on S. and 4 notches on E. edges and  
raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

Timber of Juniper.

Township 21 N. Range 18 E.  
 Gila and Salt River Meridian.

Chains

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

Variation  $13^{\circ} 30'$  East.

*Ascend.*

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

41.00 Top of spur, bear N. & S. & descend.  
 79.83 Intersect N. & S. line. 40 lks. S. of cor. to secs.

27. 28. 32. 34 from which corner, I run

$89^{\circ} 43'$  W. on a true line between sections 28 & 33

Variation  $13^{\circ} 30'$  East

39.91 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.

79.83 The corner to sections 28. 29. 32. 33

Land mountainous.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

Timber of Juniper.



Township 21 N Range 18 E  
 Gila and Salt River Meridian.

Chains

North, between Sections 28 and 29.

Variation  $13^{\circ} 30'$  East.

Ascend.

- 3.30 Cross Wash, 10 lks. wide, Course S. W. and ascend.
- 40.00 Set a Flint stone  $18 \times 10 \times 10$  ins., 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone alongside. Pits
- 76.83 impracticable.  
 Cross Wash, 8 lks. course S. W.
- 80.00 Set a Flint stone  $20 \times 18 \times 6$  ins. 15 ins. in the ground for Cor. to Secs. 20, 21, 28, 29 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  $3^{rd}$  rate
- Vegetation Grass

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

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

Variation  $13^{\circ} 30'$  East.

Descend.

2.76 Cross Wash, 10 lks. wide, Course S. W. and ascend.

40.00 Set temporary  $\frac{1}{2}$  Sec. Cor.

60.00 Descend.

79.64 Intersect N. &amp; S. line, 12 lks. S. of cor. to secs.

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

S.  $89^{\circ} 55' W.$  on a true line between sections 21 & 28Variation  $13^{\circ} 30'$  East

39.82 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. 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.

79.64 The corner to sections 20, 21, 28, 29

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

Township 21 N Range 18 E

Gila and Salt River Meridian.

Chains North, between Sections 20 and 21.  
Variation 13° 30' East.

*Ascend.*

4000 Set a Plumb stone 30 x 10 x 4 ins. 21  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{2}$  on W.  
face and raised a mound of stone alongside.

*Pits impracticable.*

0200 Top of Ridge, bears N. 24° W. 1/2 S. 1/2 E. and descend.

0200 Deposited a marked stone, 12 ins. in the ground, for  
cor. to secs. 16, 17, 20, 21, dug pits 18x18x12  
ins. in each sec. 5 1/2 ft. dist., and raised a mound of  
earth 2 ft. high, 4 1/2 ft. base over it. In S. E. pit drove  
a stake 2 ins. square, 2 ft. long, 12 ins; in the ground,  
marked T. 21 W. S. 16 on N. E. R. 18 E. S. 21 on  
S. E. S. 20 on S. W and S. 17 on N. W faces,  
with 3 notches on S. and 4 notches on E. edges.

*Land mountainous.*

Soil 3<sup>rd</sup> rate

Vegetation Grass.

Township 21 N Range 18 E

Gila and Salt River Meridian.

Chains

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

Variation 13° 30' East.

*Descend.*

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

79.76 Intersect N. & S. line, 32 lks. *N.* of cor. to secs.

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

*N. 89° 46' W.* on a true line between sections 16 & 21

Variation 13° 30' East

39.88

Deposited a marked stone, 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor., dug pits 18x18x12 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 over it. In *E.* pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{4}$  s. on *N.* face.

79.76

The corner to sections 16, 17, 20, 21

Land rolling.

Soil 3° rate

Vegetation Grass.



Township 21 N Range 15 E

Gila and Salt River Meridian.

Chains North, between Sections 16 and 17.

Variation 13° 30' East.

Descend.

Deposited a marked stone, 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor., dug pits 18x18x12 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 over it. In N. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{4}$  s. on W. face.

80.00

Set a Basalt stone 6 x 12 x 8 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 and raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 3<sup>rd</sup> rateVegetation Grass.

Township 21 N Range 15 E

Gila and Salt River Meridian.

Chains

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

Variation  $13^{\circ} 30'$  East.

Over level land

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

77.94 Intersect N. & S. line, 10 lks. N. of cor. to secs.

9, 10, 16 from which corner, I run

5.89 = 54' W. on a true line between sections 9 & 16

Variation  $13^{\circ} 30'$  East

39.97 Deposited a marked stone, 12 ins. in the ground, for

$\frac{1}{4}$  sec. cor., dug pits 18x18x12 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 over it. In E. pit drove a stake 2

ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{4}$

s. on N. face.

77.94 The corner to sections 8, 9, 10, 17

Land level.

Soil  $3^{\circ}$  rate

Vegetation Grass.

Township 21 N Range 18 E

Gila and Salt River Meridian.

Chains

North, between Sections 8 and 9.

Variation 10° 30' East.

Descend.

42.00 Set a Flint stone 14 x 10 x 4 ins., 10 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 Flint stone 17 x 8 x 8 ins. 12 ins. in the ground for Cor. to Secs. 4, 5, 8, 9 marked with 6 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.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

Township 21 N Range 15 E

Gila and Salt River Meridian.

Chains East, on a random line between Sections 4 and 9.  
Variation  $13^{\circ} 40'$  East.

*Descend.*

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

76.76 Cross Wash, 30 lks. wide, Course *NW* and ascend.

79.59 Intersect N. & S. line, 20 lks. *N.* of cor. to secs.  
3, 4, 9, 10 from which corner, I run

$N. 89^{\circ} 51' W.$  on a true line between sections 4 & 9

Variation  $13^{\circ} 30'$  East

89.79 Deposited a marked stone, 12 ins. in the ground; for  
 $\frac{1}{4}$  sec. cor., dug pits  $18 \times 18 \times 12$  ins. *E.* and *W.* of  
post  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base over it. In *E.* pit drove a stake 2  
ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{4}$   
s. on *N.* face.

92.59 The corner to sections 4, 5, 8, 9

Land rolling.

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

Vegetation *Grass.*



Township 21 N Range 18 E

Gila and Salt River Meridian.

Chains North, on a random line between Sections 4 and 5.  
Variation  $13^{\circ} 20'$  East.

Descend.

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

43.50 Cross Wash, 20 lks. wide, Course NW. and ascend.

79.80 Intersect N.B. of Tp. 20 lks. E. of cor. to secs.  
previously set by me.

4. 5. 32. 33 from which corner, I run

S. 9. E. on a true line, between sections 4 &amp; 5

Variation  $13^{\circ} 40'$  East.

39.80 Deposited a marked stone, 12 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor., dug pits 18x18x12 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 over it. In N. pit drove a stake 2  
ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{4}$   
s. on W. face.

79.80 The corner to sections 4. 5. 8. 9

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass

G. M. Dawson, Surveyor. Mar. 20. 1883

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains *Standard*  
 From the corner to sections, 31 & 32 on S. By of 5/8  
 which is a sand stone  
 12 x 6 x 6 ins. 8 ins. in the ground  
 marked S. C., with 5 notches  
 on E. and 1 notch on  
 W. edges, with pits 18 x 18 x 12 ins.  
 N. E. and W. of stone, 5 1/2 ft.  
 dist. and a mound of earth  
 2 ft. high 4 1/2 ft. base alongside. In run  
 North between sections 31 & 32

Variation 14° 18' East.

*Ascend.*

40.00 Deposited a marked stone, 12 ins. in the ground, for  
 1/4 sec. cor., 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 over it. In N. pit drove a stake 2  
 ft. long, 2 in. square, 12 ins. in the ground, marked 1/4  
 s. on W. face.

80.00 Set a Flint stone 14 x 12 x 10 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 and  
 raised a mound of stone alongside. Pits impracticable.

*Land rolling.*Soil 3<sup>rd</sup> rate

Vegetation Grass

Timber of Juniper

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains

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

Variation  $13^{\circ} 30'$  East.*Ascend.*40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

78.76 Cross Wash, 20 lks. wide, Course S. W. and ascend.

79.97 Intersect N. &amp; S. line, 52 lks. S. of cor. to secs.

28, 29, 32, 33 from which corner, I run

S.  $89^{\circ} 35'$  W. on a true line between sections 29 & 32Variation  $13^{\circ} 30'$  East39.98 Set a Flint - size 15 x 9 x 4 ins., 10  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
face, and raised a mound of stone alongside. Pits  
impracticable.

79.97 The corner to sections 29, 30, 31, 32.

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

A. P. Johnson. Mar. 21, 1883

Township 21 N Range 18 E

Meridian.

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

Variation 13° 30' East.

Descend.

35.00 Cross Wash, 40 lks. wide, Course S. W.

40.00 Set temporary 1/4 Sec. Cor.

75.00 Cross Wash, 50 lks. wide, Course S. and ascend.

79.52 Intersect W. B. of Tp. 30 lks. S. of cor. to secs.

29. 30. 31. 34

which is a basalt-stone 30 x 20 x 10 ins. 21 ins in the ground marked with 1 notch on S. and 5 notches on N. edge and a mound of stone alongside. I run from which corner, I run

S 89° 47' E. on a true line, between sections 30 & 31  
Variation 13° 30' East.

39.52 Deposited a marked stone, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18x18x12 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 over it. In E. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1/4 s. on N. face.

79.52 The corner to sections 29. 30. 31. 32

Land rolling Vegetation Grass

Soil 3<sup>rd</sup> rate Timber of Juniper



Township

Range

Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation  $13^{\circ} 30'$  East.*Ascend.*6.70 Top of Ridge, bears  $N. 50^{\circ} E. 200$  and descend.40.00 Set a *Plumb* stone  $16 \times 10 \times 4$  ins. 10 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face and raised a mound of stone alongside.

Pits impracticable.

40.09 Cross Wash, 30 lks. wide, Course *S. W* and ascend.80.00 Deposited a marked stone, 12 ins. in the ground, for cor to secs. 19, 20, 29, 30, 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 over it. In S. E. pit drove a stake 2 ins. square, 2 ft. long, 12 ins; in the ground, marked T. 21 N. S. 20 on N. E. R. 18 & S. 29 on S. E. S. 30 on S. W and S. 19 on N. W faces, with 2 notch on S. and 5 notch on E. edges.

Land mountainous.

Soil 3<sup>rd</sup> rate

Vegetation Grass

49 Township 21 N. 15 E. Range 15 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 20 and 29.  
 Variation 13° 30' East.

*Ascend.*

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.  
 82.22 Intersect N. & S. line, 62 lks. S. of cor. to secs.  
 20, 21, 25, 29 from which corner, I run  
 S. 89° 33' W. on a true line between sections 20 & 29  
 Variation 13° 30' East

40.11 Set a *Plaster* stone 14 x 8 x 6 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.

80.22 The corner to sections 19, 20, 29, 30

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

*A. P. Johnson* March 21, 1885

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains West, on a random line between Sections 19 and 30.  
Variation  $13^{\circ} 30'$  East.

Ascend.

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

50.76 Top of Spur, bears N. &amp; S., and descend.

76.76 Cross Wash, 20 fks. wide, Course S. and ascend.

79.38 Intersect W. B. of Tp. 13 fks. S. of cor. to secs.

19. 24. 25. 30

which is a lime stone  
 $20 \times 20 \times 20$  lns. 15 ins. in  
 the ground marked with  
 2 notches on S. and 4 notches  
 on N. edges and  
 a mound of stone  
 alongside,  
 from which corner, I run

$S. 89^{\circ} 54' E.$  on a true line, between sections 19 & 30  
 Variation  $13^{\circ} 24'$  East.

79.38 Set a Flint-stone  $16 \times 10 \times 6$  ins., 10  
 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
 face, and raised a mound of stone alongside. Pits  
 impracticable.

79.38 The corner to sections 19. 20. 29. 30

Land mountainous.

Soil  $2^{\text{nd}}$  rate

Vegetation Grass.

Timber of Juniper.

G. M. Carson, Compassman  
 Mar. 21, 1883

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains

North, between Sections 19 and 20.

Variation 13° 30' East.

*Ascend.*

40.00 Set a *Flint-* stone 17 x 14 x 10 ins., 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on *W.* face, and raised a mound of stone alongside. Pits impracticable.

80.00 Set a *Sand* stone 20 x 16 x 8 ins. 15 ins. in the ground for Cor. to Secs. 17, 18, 19, 20 marked with 3 notches on S. and 5 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

*Land rolling.*

Soil 3<sup>rd</sup> rate

Vegetation Grass.



Township 21 N Range 18 E  
 Gila and Salt River Meridian.

Chains East, on a random line between Sections 17 and 20.  
 Variation  $13^{\circ} 30'$  East.

Ascend.

13.75 Top of Ridge, bears  $N. 76^{\circ} W.$  &  $S. 76^{\circ} E.$  End descend.

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

80.41 Intersect N. & S. line, 13 lks. S. 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 & 20

Variation  $13^{\circ} 20'$  East

40.21 Deposited a marked stone, 12 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor., dug pits  $18 \times 18 \times 12$  ins. E, and W. of  
 post  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft.  
 high,  $3\frac{1}{2}$  ft. base over it. In E pit drove a stake 2  
 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{4}$   
 s. on N. face.

80.41 The corner to sections 17. 18. 19. 20

Land mountainous.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

A. P. Johnson, Mar. 21, 1883

Township 21 N. Range 18 E.

Gila and Salt River Meridian.

Chains

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

Variation  $13^{\circ} 30'$  East.

Descend.

40.00 Set temporary  $\frac{1}{2}$  Sec. Cor.

78.70 Intersect W. B. of Tp. 16 lks. N. of cor. to secs.

13. 18. 19. 24

which is a lime stone  
 $67 \times 53 \times 39$  48 ins. in the  
 ground for  $\frac{1}{2}$  sec. cor. marked  
 with 3 nails on S. and  
 3 nails on N. edge and  
 a mound of stone  
 alongside  
 from which corner, I run

S.  $89^{\circ} 53'$  E. on a true line, between sections 18 & 19

Variation  $13^{\circ} 30'$  East.

38.70

Deposited a marked stone, 12 ins. in the ground, for  
 $\frac{1}{2}$  sec. cor., dug pits  $18 \times 18 \times 12$  ins. E. and W. of  
 post  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft.  
 high,  $3\frac{1}{2}$  ft. base over it. In N. pit drove a stake 2  
 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{2}$   
 s. on N. face.

78.70

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

Soil 3<sup>rd</sup> rate G. M. Carson. Comparison

Vegetation Grass. March 21. 1888

Township

Range

Gila and Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation  $13^{\circ} 30'$  East.*Ascend.**Top of Ridge, bears N.  $70^{\circ}$  W.  $1/2$  S.  $70'$  and descend.**Set a Glent stone  $16 \times 8 \times 4$  ins.  $10$  ins. in the ground, for  $1/4$  Sec. Cor., marked  $1/4$  on W. face and raised a mound of stone. alongside.**Pits impracticable.**Deposited a marked stone, 12 ins. in the ground, for cor. to secs. 7. 8. 17. 18, 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 over it. In S. E. pit drove a stake 2 ins. square, 2 ft. long, 12 ins; in the ground, marked T. 21 N. S. 8 on N. E. R. 18 S. 17 on S. E. S. 18 on S. W and S. 7 on N. W faces, with 4 notches on S. and 5 notches on E. edges.**Land mountainous.**Soil  $3^{\circ}$  rate**Vegetation Grass.*

Township \_\_\_\_\_ Range \_\_\_\_\_

Gila and Salt River Meridian.

Chains East, on a random line between Sections 8 and 17.  
Variation 13° 30' East.

Descend.

40.00 Set temporary 1/4 Sec. Cor.

20.16 Intersect N. & S. line, 8 lks. N. of cor. to secs. 8, 9, 16, 17 from which corner, I run N. 89° 57' W. on a true line between sections 8 & 17  
Variation 13° 30' East

40.05 Set a *Plat* stone 14 x 8 x 6 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base alongside.

80.16 The corner to sections 7, 8, 14, 15

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation *Grass.*

*A. P. Johnson. Mar. 26, 1883*



Township 21 N Range 18 E

Gila and Salt River Meridian.

Chains West, on a random line between Sections 7 and 18.  
Variation  $13^{\circ} 30'$  East.

Ascend.

7.25 Cross Wash, 20 lks. wide, Course N. and ascend.

40.00 Set temporary  $\frac{1}{2}$  Sec. Cor.

78.50 Intersect W. B. of Tp. 24 lks. N. of cor. to secs.

7. 12. 13. 18

Which is a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base with pits  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist. In S.E. pit - a stake 2 ins. square, set firmly in the ground marked T. 21 N. S. 7 on N.E. R. 18 E. S. 18 on S.E. R. 17 E. S. 13 on S.W. and S. 12 on NW. face, with 4 inches on S. & 2 inches on N. edges, from which corner, I run

N.  $89^{\circ} 50'$  E. on a true line, between sections 7 & 18  
Variation  $13^{\circ} 30'$  East.

38.50 Deposited a marked stone, 12 ins. in the ground, for  $\frac{1}{2}$  sec. cor., dug pits  $18 \times 18 \times 12$  ins. E. and W. of post  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base over it. In N. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{2}$  s. on N. face.

78.50 The corner to sections 7. 8. 17. 18

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

G. M. Canyon. Compassman  
Mar. 21<sup>st</sup> 1883

Township 21 N Range 18 E

Gila and Salt River Meridian.

Chains North, between Sections 7 and 8.

Variation 13° 30' East.

*Descend.*

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

80.00 Deposited a marked stone, 12 ins. in the ground, for  
cor. to secs. 5. 6. 7. 8, dug pits 18x18x12  
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 over it. In S. E. pit drove  
a stake 2 ins. square, 2 ft. long, 12 ins; in the ground,  
marked T2/N. S. 5- on N. E. R. 18 E. S. 8 on  
S. E. S. 7 on S. W and S. 6 on N. W faces,  
with 5- notches on S. and 5- notches on E. edges.

*Land rolling.*Soil 3<sup>rd</sup> rate

Vegetation Grass.

Township

21 N.

Range

18 E.

Gila and Salt River Meridian.

Chains

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

Variation  $13^{\circ} 45'$  East.

Descend.

40.00 Set temporary  $\frac{1}{2}$  Sec. Cor.

79.94 Intersect N. &amp; S. line. 32 lks. S. of cor. to secs.

4. 5. 8. 9 from which corner, I run

 $\angle 89^{\circ} 46'$  W. on a true line between sections 5 & 8Variation  $13^{\circ} 40'$  East

89.97

Deposited a marked stone, 12 ins. in the ground, for  $\frac{1}{2}$  sec. cor., dug pits  $18 \times 18 \times 12$  ins. E. and W. of post  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base over it. In E. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{2}$  s. on N. face.

79.94

The corner to sections 5. 6. 7. 8

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Grass.

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

A. P. Johnson. Mar. 21. 1883

Township 21 N Range 18 E  
 Gila and Salt River Meridian.

Chains

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

Variation  $13^{\circ} 30'$  East.

Descend.

- 8.50 Cross Wash, 30 fms. wide, Course  $N. 10^{\circ} E$  and ascend.  
 40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.  
 78.15 Intersect W. B. of Tp. 28 fms. S. of cor. to secs.

1. 6. 7. 12

which is a mound of earth  
 2 ft. high,  $4\frac{1}{2}$  ft. base with pits  
 $18 \times 18 \times 12$  ins. in each Sec.  $5\frac{1}{2}$  ft. dist.  
 In S. E. pit a stake 2 ins. square set  
 firmly in the ground marked T. 21 N. S.  
 6 on N. E. R. 18 E. S. 7 on S. E. R. 17 E. S. 12 on S. W.  
 and 1 on N. W. face with 5 matches on S.  
 and 1 match on N. edge  
from which corner, I run

S.  $89^{\circ} 48'$  E. on a true line, between sections 6 & 7  
 Variation  $13^{\circ} 30'$  East.

- 38.15 Deposited a marked stone, 12 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor., dug pits  $18 \times 18 \times 12$  ins. E. and W. of  
 post  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft.  
 high,  $3\frac{1}{2}$  ft. base over it. In N. pit drove a stake 2  
 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{4}$   
 s. on N. face.

- 78.15 The corner to sections 5. 6. 7. 8  
 Land rolling.

Soil  $3^{rd}$  rate

Vegetation grass.



Township 21 N.

Range 18 E.

Gila and Salt River Meridian.

Chains

North, on a random line between Sections 5 and 6.

Variation 13° 15' East.

*Descend.*

26.70 Cross Wash, 30 lks. wide, Course N. 12° E.

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

62.00 Cross Wash, 30 lks. wide, Course NW.

80.03 Intersect N. B. of Tp. 35 lks. E. of cor. to secs. previously set by me.

57.6. 31. 32 from which corner, I run

S. 10° E. on a true line, between sections 5 & 6

Variation 13° 45' East.

42.03 Deposited a marked stone, 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor., dug pits 18x18x12 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 over it. In N. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{4}$  s. on W. face.

42.07 The corner to sections 5. 6. 7. 8

Land rolling.

Soil 3.2 rate

Vegetation Grass.

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

C. H. Carson. Compassman Mar. 21. 1883

## GENERAL DESCRIPTION.

This township is divided into parts. The southern part is very rough and rocky with poor grazing and considerable juniper and pine.

A ridge runs through the central part E. to W. from which the land slopes gently to the North and West, and is a fine good grass and sage. It is not timbered.

The soil is 3<sup>rd</sup> rate.

For Trial Oath  
see Book No 19.

U. S. Surveyor General's Office,  
Tucson, Arizona, July 26, 1883

The foregoing Field Notes of the survey of the

Subdivisions 21 North,

Range 18 East

of the Gila and Salt River Base and Meridian, Arizona,  
executed by A. P. Johnson,  
D. S., under his contract of the 5<sup>th</sup> day of  
August, 1882, having been critically ex-  
amined and the necessary corrections and explanations  
made, the said Field Notes and the surveys they de-  
scribe, are hereby approved.

J. W. Robinson  
Surveyor General.