

1

Henry A Love Deputy Surveyor.
T. *16 North*, **R.** *24 East*,
Gila and Salt River Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township *16 N.*, Range *24 E.*,
Gila and Salt River Meridian.

BY

Henry A Love, Deputy Surveyor.

Under his Contract of *July 20*, 1882,

Survey Commenced *Oct. 28*, 1882,

Survey Completed *Oct. 31*, 1882,

*Platted,
Copied for Washington,
Copied for Register,*

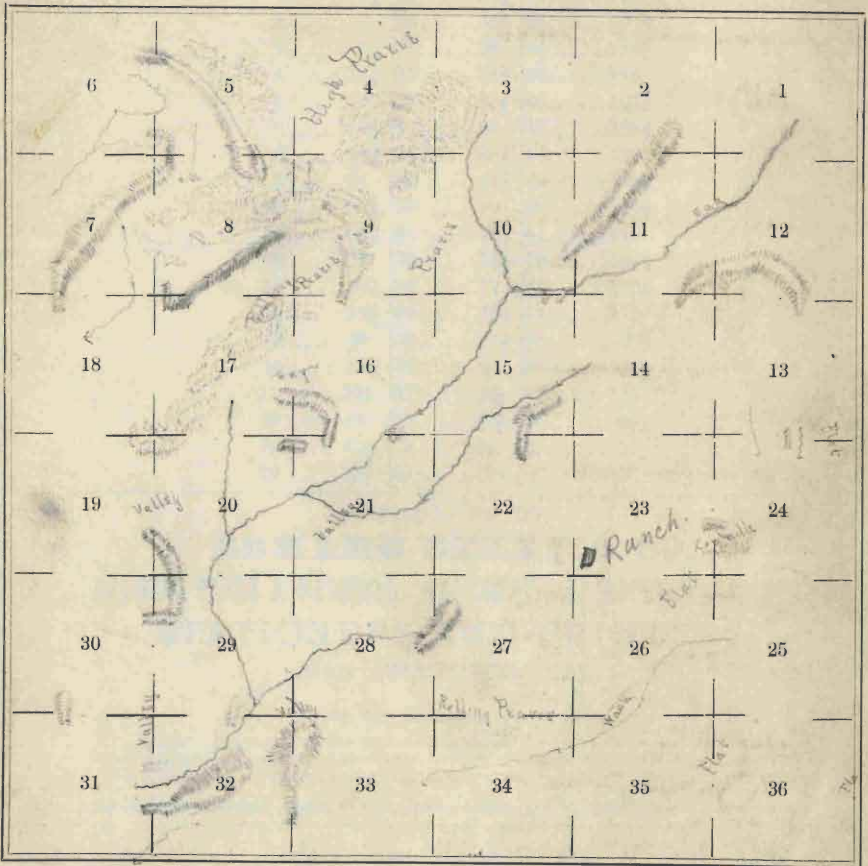
Table showing the difference of latitude and
departure in running 80 chains at any

BOOK 250

Township 16.

Range 24

East M.



Township 16 North, Range 24 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

BOOK 250

16

Meridian.

For Preliminary
Oaths see Book "A"
— Survey 4th Standard
Parallel, 1

No-250

Survey commenced
Oct. 25 - 1882.

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

10
 1 Township 16 N., Range 24 E.,
 (See previous page.) Gila and Salt River Meridian.

Chains

From the corner to Sections 35, 36, 1 and 2 on the South boundary,
 Which is a ~~hard~~ ^{lava} stone $18 \times 6 \times 3$ ins. ¹² ins. in
 the ground for Cor. to Secs. ~~2-35-36~~ marked
 with ~~notches~~ on ~~N. and~~ / 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
 North between sections ~~35-36~~

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

Descend. Over rolling land.

40.00 Set a ^{Lava} stone $18 \times 8 \times 6$ 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

53.00 Enter Flat bears N.E. & S.W.

80.00 Set a ^{Granite} stone $26 \times 8 \times 8$ ins. ¹⁵ ins. in
 the ground for Cor. to Secs. ~~25-26-35-36~~ marked
 with / notch on S. and / 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 level.

Soil ^{3rd} rate

Vegetation, ^{Bunch}grass.

Township

16 N,

Range

24 E,

Gila and Salt River

Meridian.

Chains

N. 88° 20'

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

Variation

13° 48'

East.

Over level land

40.00

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

80.15

Intersect C.B. of Tp. 14 lks. South of cor. to secs.

25-30-31-36

Which is a Sand stone $18 \times 12 \times 3$ ins. 12 ins. in
the ground for Cor. to Secs. 25-30-31-36 marked
with / notch on S. and 5 notches on E. edges. dug pits
 $18 \times 18 \times 12$ ins. in each Sec. $5\frac{1}{2}$ ft. dist., and raised a
mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside

From which corner I run.

S. 88° 14' W. on a true line between sections 25-36,

Va. 13° 48' East.

40.08

Set a Granite 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

80.15

The corner to sections 25-26-35-36,

Land level.

Soil 2nd rate

Vegetation, Bunchgrass.

Township

16 N,

Range

24 E.

Gila and Salt River

Meridian.

Chains

North, between Sections 25 and 26.

Variation

13° 48'

East.

Over level land

40.00

Set a Lava stone $15 \times 14 \times 4$ 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., 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

44.50

Enter wash, course West.

48.41

Leave same & Over rolling land.

80.00

Set a Sand stone $16 \times 14 \times 3$ ins. 11 ins. in the ground for Cor. to Secs. 23-24-25-26 marked with 2 notch 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. and rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

Township

16 N,

Range

24 E,

Gila and Salt River

Meridian.

N. 88° 20'

Chains

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

Variation

13° 48'

East.

Over rolling land.

40.00

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

79.40

Intersect E. B. of Tp. 10 *Wks. South* of cor. to secs. + 30
19-24-25

Which is a *Sand* stone $18 \times 15 \times 4$ ins. 12 ins. in
 the ground for Cor. to Secs. ~~19-24-25-30~~ marked
 with *Notches* on S. and *4 notches* on *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 88° 16' W on a true line between sections 24-25,

Va. 13° 48' East.

39.95

Set a *Sand* stone $14 \times 10 \times 6$ ins., 9
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
 face, dug pits, $18 \times 18 \times 12$ ins., E. and W. of stone
 $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base. alongside

79.90

The corner to sections 23-24-25-26.

Land rolling.

Soil

2nd rateVegetation, *Bunchgrass*.

Township

16 N,

Range

24 E,

Gila and Salt River

Meridian.

Chains

North, between Sections 23 and 24.

Variation

13°48'

East.

Ascend.

25.00

Over rolling land.

38.00

Top of

Bluff, bears S. 71° W Over level ^{table} land

40.00

Set a

Sand

stone 18 x 10 x 8 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., Wand 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

55.00

Descend.

80.00

Set a

Sand

stone 3 x 8 x 8 ins. 9 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 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. and level.

Soil

3rd rate

Vegetation, Bunchgrass.

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

N. 88° 20'

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

Variation

13° 48'

East.

Descend.

25.35 Cross Wash, 20 lks. wide, Course S. 15° E.

37.00 Over rolling land.

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

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

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

57.00 Enter Flat bears N. & S.

79.78 Intersect C. B. of Tp. 11 lks. *North* of cor. to secs.

13-14-19-24
 Which is a Sand stone 6 x 14 x 4 ins. in
 the ground for Cor. to Secs. 13-14-19-24 marked
 with 3 notches on S. and 3 notches on N. edges, dug pits
 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist., and raised
 mound of earth 2 ft. high 4 $\frac{1}{2}$ ft. base. alongside
 From which corner I run.

S. 88° 25' W. on a true line between sections 13-24

39.89 Set a Sand stone 17 x 10 x 6 ins., ^{Va. 13° 48'} East.
 1) 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

79.78 The corner to sections 13-14-23-24,

Land rolling. and level.

Soil ^{77d} $\frac{3}{4}$ rate

Vegetation, Bunchgrass.

Chains

North, between Sections 13 and 14.

Variation

13° 45'

East.

Over rolling land.

40.00

Set a *Same* stone 18 x 15 x 4 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 and ascend.

80.00

Set a *Same* stone 16 x 14 x 4 ins. 11 ins. in the ground for Cor. to Secs. 11-12-13-14 marked with a notch on *S.* and a 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 *3rd* rateVegetation, *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 24 E.

Gila and Salt River Meridian.

N. 88° 20'

Chains 1 East, on a random line between Sections 12 and 13.
Variation 13° 48' East.

Ascend.

40.00 Set temporary $\frac{1}{2}$ sec. cor.
45.00 Top of Spur, bears N. & S. and descend.
79.86 Intersect C. B. of Tp. 24 1/2 m. *North* of cor. to secs.

~~7-12-13-14~~
Which is a *Sand* stone 16x12x5 ins. 11 ins. in
the ground for Cor. to Secs. 7-12-13-18 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

From which corner I run.

S. 88° 30' W. on a true line between sections 12-13,
Va. 13° 48' East.

39.93 Set a *Sand* stone 12x10x4 ins., 8
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
face, dug pits, 18 x 18 x 12 ins., E. and W. of stone
5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high,
3 1/2 ft. base. alongside

79.86 The corner to sections 11-12-13-14,
Land rolling. and mountainous.
Soil 3rd rate
Vegetation, *Bunchgrass*.

Township

16 N.,

Range

24 E.,

Gila and Salt River

Meridian.

Chains

North, between Sections 11 and 12.

Variation

13° 48'

East.

Ascend.

9.00

Top of Spur, bears N. 40° E., & S. 40° W. and descend.

40.00

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

43.00

Cross low Sag and ascend.

80.00

Set a Sand stone 10 x 6 x 4 ins. 7 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 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high 4 $\frac{1}{2}$ ft. base. alongside

Land mountainous. and rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

N. 88° 20'

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

Variation

13° 48'

East.

Descend.

39.00 Cross low Sag and ascend.

40.00 Set temporary $\frac{1}{4}$ sec. cor.79.63 Intersect C. B. of Tp. 32 ¹⁻⁶⁻⁷⁻¹² ~~1-6-7-12~~ ^{North} of cor. to secs.

Which is a Sand stone $15 \times 7 \times 8$ ins. 10 ins. in
 the ground for Cor. to Secs. 1-6-7-12 marked
 with 5 notches on S. and 1 notch on N. edges, dug pits
 $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a
 mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside

From which corner I run.

S. 88° 34' on a true line between sections 1-12,

Va. 13° 48' East.

39.82 Set a Sand stone $16 \times 15 \times 5$ ins., 11
 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 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

79.63 The corner to sections 1-2-11-12,

Land mountainous. and rolling.

Soil 3rd rate

Vegetation, Pinchgrass.

11

Township

16 N.,

Range

24 E.

Gila and Salt River

Meridian.

Chains

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

Variation

13° 48'

East.

Ascend.

40.00

Set a *Sand* stone 12x12x3 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., N. and S. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high,

72.00

$3\frac{1}{2}$ ft. base. alongside
Top of Spur, bears $N. 60^\circ E.$ & $S. 60^\circ W.$ and descend.

71.90

Intersect the 4^{th} Standard North at a point 6.81 chs. East of the Standard ^{1/4 Sec.} _{Cor. to on} Sees. S. 35 and Sec. 35 T. 17 N. R. 24 E. at *which point*

Which is a *Sand* stone 12x10x5 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 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

5) Set a *Sand* stone 12x10x6 ins. 8 ins. in the ground for Closing Cor. to Sees. 1 and 2 marked C. C. with / notch on E. and / notches on W. edges, dug pits 18 x 18 x 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 mountainous. and rolling.

Soil

3^{rd} rate

Vegetation,

Bunchgrass

Henry A. Cor., Oct. 28, 1882.

Township

16 N.,

Range

24 E.;

Gila and Salt River Meridian.

Chains

From the corner to sections, 2-3-34-35 on S. B. 56
 Which is a Sand stone 18 x 11 x 7 ins. 2 ins. in
 the ground for Cor. to Secs. 2-3-34-35 marked
 with 4 notches on W. and 2 notches on E. edges, dug pits
 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a
 mound of earth 2 ft. high 4½ ft. base. alongside Sun

North between sections

34-35

Variation 13°45' East.

Over level land

40.00

Set a Sand stone 15 x 6 x 6 ins., 10
 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W.
 face, dug pits, 18 x 18 x 12 ins., N. and S. of stone
 5½ ft. dist., and raised a mound of earth 1½ ft. high,
 3½ ft. base. alongside

Cross Wash, 175 fks. wide, Course S. 70° W. and ascend.

80.00

Set a Granite stone 15 x 8 x 6 ins. 10 ins. in
 the ground for Cor. to Secs. 26-27-34-35 marked
 with 1 notch on S. and 2 notches on E. edges, dug pits
 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a
 mound of earth 2 ft. high 4½ ft. base. alongside

Land level. and rolling.

Soil

3rd rate

Vegetation, Bunchgrass.

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

788°20'

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

Variation

13°48'

East.

Over rolling land.

- 21.00 Enter Wash, course S. 15° W.
- 39.70 Leave same, course same.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 79.83 Intersect N. & S. line, 15 lks. South of cor. to secs.
25-26-35-36 from which corner, I run
S. 88° 13' W. on a true line between sections 26-35,
Variation 13°48' East.
- 39.92 Set a *Sana* stone 15 x 10 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
- 79.83 The corner to sections 26-27-34-35.
Land rolling.
Soil 3rd rate
Vegetation, Pinchgrass.

Township

16 N., Range 24 E.,

Gila and Salt River

Meridian.

Chains

North, between Sections 26 and 27.

Variation 13° 48' East.

Descend. Over rolling land.

40.00 Set a Sand stone $14 \times 10 \times 7$ ins., 9 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, dug pits, $18 \times 18 \times 12$ ins., 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 $16 \times 8 \times 6$ ins. 11 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,

From this cor. York's Ranch bears N. 40° E., 6.00 cho. dist.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

N. 88° 20'

Chains

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

^

Variation 13° 48' East.

Over ^{high} rolling land.

20.00 Descend.

40.00 Set temporary 1/4 sec. cor.

62.00 Enter Flat bears N.E. & S.W.

79.95 Intersect N. & S. line, 12 1/2 mks. north of cor. to sec.

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

S. 88° 25' W. on a true line between sections 23-26.

Variation 13° 48' East.

34.98 Set a Sand stone 16 x 10 x 5 ins., 11 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

79.95 The corner to sections 22-23-26-27,

Land rolling and level.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

North, between Sections 22 and 23.

Variation

13° 48'

East.

Ascend.

40.00

Set a

Sand

stone 14 x 10 x 6 ins., 9

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

80.00

Set a

Granite

stone 6 x 8 x 8 ins. 11 ins. in

the ground for Cor. to Secs. 14-15-22-23 marked with 3 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside

Land rolling.

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

24 E,

Gila and Salt River

Meridian

Chains

N. 88° 20'

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

Variation

13° 48'

East.

Over rolling land.

40.00

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

P.O. 17

Intersect N. & S. line, 23 *us* South of cor. to secs.

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

S. 88° 10' W. on a true line between sections 14-23,

Variation 13° 48' East.

40.09

Set a *Sand* stone 16 x 10 x 5 ins., 11
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.face, dug pits, 18 x 18 x 12 ins., $\frac{1}{4}$ 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

P.O. 17

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

Land rolling.

Soil

3rd

rate

Vegetation,

Bunchgrass.

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

North, between Sections 14 and 15.

Variation

13° 48'

East.

Descend. Over rolling land.

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

40.00 Set a Sand stone 18 x 13 x 4 ins., 12 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 Sand stone 14 x 10 x 5 ins., 9 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 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

Land rolling.

Soil

3rd rate

Vegetation,

Bunchgrass.

19

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

N. 88° 20'

Chains

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

Variation

13° 48'

East.

Over rolling land.

40.00

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

54.00

Ascend.

71.00

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

79.91

Intersect N. & S. line, 8 *ths.* South of cor. to secs.

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

S. 88° 17' W. on a true line between sections 11-14,

Variation 13° 18' East.

39.96

Set a *Sima* stone 17 x 10 x 5 ins., 11ins. 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

79.91

The corner to sections 10-11-14-15,

Land rolling.

Soil

3rd rateVegetation, *Bunchgrass.*

Township

16 N., Range 24 E.,

Gila and Salt River

Meridian.

Chains

North, between Sections 10 and 11.

Variation

13° 48'

East.

Descend.

3.00

Cross low Sag and ascend.

28.00

Top of Spur, bears N. 67° S. W. and descend.

40.00

Cross low Sag and ascend. ~~and~~

40.00

Set a Sand stone 18 x 14 x 8 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

80.00

Set a Sand stone 3 $\frac{1}{2}$ x 2 x 6 ins. 27 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.

- Chains $N. 88^{\circ} 20'$
 East, on a random line between Sections 2 and 11.
 Variation $13^{\circ} 48'$ East.
 Ascend. Over rolling land.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 56.00 Top of Spur, bears $N. E. \& S. W.$ and descend.
 79.65 Intersect $N. \& S.$ line, 24 *lks.* South of cor. to secs.
 1-2-11-12 from which corner, I run
 $S. 88^{\circ} 10' W.$ on a true line between sections 2-11,
 Variation $13^{\circ} 48'$ East.
- 39.83 Set a *Sand* stone $18 \times 16 \times 4$ 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
- 79.65 The corner to sections 2-3-10-11.
 Land rolling.
 Soil 3^{rd} rate
 Vegetation, *Bunchgrass.*

Township

16 N., Range 24 E.,

Gila and Salt River

Meridian.

Chains

North, on a ^{true.} random line between Sections 2 and 3.Variation $13^{\circ}48'$ East.

Ascend. Over rolling land.

40.00 Set a Sand stone $20 \times 7 \times 3$ ins., 15 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

73.82 Intersect the 4^{th} Standard North at a point 7.37 chs. East of the Standard ^{$\frac{1}{4}$ Sec.} Cor. to on Sees. N. 30 and S. 34. T. 17 N. R. 24 E., at which pt.

Which is a Sand stone $14 \times 10 \times 6$ ins., 9 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 $20 \times 15 \times 3$ ins. 15 ins. in the ground for Closing Cor. to Sees. 2 and 3 marked C. C. with 2 notches on E. and 4 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, Pinchgrass.

M. M. Hudson, Compassman, Oct. 28, 1882

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

From the corner to sections, 3-4-33-34, on S.P. of 5/8
 Which is a Sand stone 16 x 16 x 6 ins. 11 ins. in
 the ground for Cor. to Secs. 3-4-33-34 marked
 with 3 notch on W. and 3 notches on E. edges, dug pits
 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised
 mound of earth 2 ft. high 4 1/2 ft. base. alongside *Sum*

North between sections

33-34

Variation 13°45' East.

Over level land

40.00

Set a Sand stone 16 x 8 x 8 ins., 11
 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

52.75 Cross Wash, 200 yds. wide, Course S 10° W and ascend.

80.00

Set a Slate stone 17 x 6 x 6 ins. 11 ins. in
 the ground for Cor. to Secs. 27-28-33-34 marked
 with 1 notch on S. and 3 notches on E. edges, dug pits
 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a
 mound of earth 2 ft. high 4 1/2 ft. base. alongside

Land level. and rolling.

Soil 3rd rate

Vegetation, "Bunchgrass."

Township

16 N., Range 24 E.,

Gila and Salt River Meridian.

Chains

N. 88° 20'

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

Variation 13° 48' East.

Over rolling land.

40.00 Set temporary $\frac{1}{4}$ sec. cor.So. 28 Intersect N. & S. line, 27 *Wks. North* of cor. to secs.

26-27-34-35 from which corner, I run

S. 88° 32' W. on a true line between sections 27-34,

Variation 13° 48' East.

40.14 Set a *Sand* stone 7 x 6 x 5 ins., 11
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
 face, dug pits, 18 x 18 x 12 ins., E. and W. of stone
 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft. high,
 3 $\frac{1}{2}$ ft. base. alongside

So. 28 The corner to sections 27-28-33-34.

Land rolling.

Soil 3rd rateVegetation, *Bunchgrass.*

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

North, between Sections 27 and 28.

Variation

13° 48'

East.

Ascend. Over rolling land.

40.00

Set a *Sana* stone 14x6x6 ins., 9 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

43.00

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

80.00

Set a *Sana* stone 15x4x4 ins., 10 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 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 and mountainous.*Soil *3rd* rateVegetation, *Bunchgrass,*

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

N. 88° 20'

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

A

Variation

13° 48'

East.

Ascend.

15.00

Top of Hill and descend.

40.00

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

S. 0.43

Intersect N. & S. line, 21 lks. South of cor. to secs.

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

S. 88° 11' W. on a true line between sections 22-27,

Variation 13° 48' East.

40.22

Set a Sand stone $24 \times 16 \times 8$ ins., 18ins. 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

S. 0.43

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

Land rolling.

Soil

3rd rate

Vegetation, Bunchgrass.

Township

16 N.,

Range

24 E.,

Gila and Salt River

Meridian.

Chains

North, between Sections 21 and 22.

Variation

13°48'

East.

Over rolling land, gradually descending.

40.00

Set a

Sand

stone

12 x 8 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., 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

56.94

Cross Wash, 100 Yds. wide, Course S. 30° W.

80.00

Set a

Granite

stone

12 x 10 x 6 ins. 8 ins. in

the ground for Cor. to Secs. 15-16-21-22 marked with Notch on S. and 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

24 E,

Gila and Salt River

Meridian.

Chains $N. 88^{\circ} 20'$
 East, on a random line between Sections 15 and 22.
 Variation $13^{\circ} 48'$ East.

Over level land

25.00 Leave Flat bears N.E. and S.W. and ascend.

29.00 Cross Wash, 75 lks. wide, Course South.

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

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

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

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

 $S. 88^{\circ} 26'$ W. on a true line between sections 15-22,Variation $13^{\circ} 48'$ East.

39.97 Set a Sand stone $14 \times 10 \times 6$ ins., 9
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
 face, dug pits, $18 \times 18 \times 12$ ins., E. and W. of stone
 $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base. alongside

79.94 The corner to sections 15-16-21-22,

Land mountainous. and rolling.

Soil 1^{st} & 3^{rd} 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.

Township

16 N.,

Range

24 E.,

Gila and Salt River

Meridian.

Chains

North, between Sections 15 and 16.

Variation

13° 48'

East.

Over rolling land.

21.40

Cross Wash, 100 yds. wide, Course S. 30° W.

40.00

Set a Sand stone 15 x 10 x 9 ins. 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on 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

47.00

Ascend.

80.00

Set a Sand stone 15 x 12 x 6 ins. 10 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 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,

Punchgrass.

Township

16 N, Range 24 E;

Gila and Salt River Meridian.

N. 88° 20'

Chains

A

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

Variation

13° 48'

East.

Descend. Over rolling land.

40.00 Set temporary $\frac{1}{4}$ sec. cor.43.50 Cross Wash, 100 yds. wide, Course *Run* and ascend.

66.00 Top of Spur, bears N. 30° E. & S. 30° W. and descend.

75.00 Cross low Sag and ascend.

80.14 Intersect N. & S. line, 19 yds. *South* of cor. to secs.

10-11-14-15 from which corner, I run

S. 88° 12' W. on a true line between sections 10-15,

Variation 13° 48' East.

40.07 Set a *Sana* stone 12 x 10 x 5 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

80.14 The corner to sections 9-10-15-16.

Land rolling. and mountainous.

Soil 3rd rateVegetation, *Bunchgrass*.

Township

16 N,

Range

24 E,

Gila and Salt River

Meridian.

Chains

North, between Sections 9 and 10.

Variation

13°48'

East.

Ascend.

40.00

Set a

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

80.00

Set a

Sand stone $14 \times 12 \times 4$ ins. 9 ins. in the ground for Cor. to Secs. 3-4-9-10 marked with S notch on S. and S 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, Pinchgrass.

Township

16 N.,

Range

24 E.,

Gila and Salt River

Meridian.

Chains

788° 20'

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

Variation

13° 48'

East.

Descend.

28.60 Cross Creek, 100 yds. wide, Course S. 20° W., and ascend.

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

79.70 Intersect N. & S. line, 11 yds. North of cor. to secs.

2-3-10-11 from which corner, I run

S. 88° 25' W. on a true line between sections 3-10,

Variation 13° 48' East.

39.85 Set a Sand stone 26x10x4 ins., 19
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, dug pits, 18x18x12 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

79.70 The corner to sections 3-4-9-10,

Land rolling.

Soil

3rd rate

Vegetation, Bunchgrass.

Township

16 N.,

Range

24 E.,

Gila and Salt River

Meridian.

Chains

true.
North, on a ~~random~~ line between Sections 3 and 4.Variation $13^{\circ}48'$ East.*Ascend. over hilly land,*

40.00 Set a Sand stone $18 \times 10 \times 4$ 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., 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

50.00 Leave hilly land, bear S 90 W. and descend.

75.57 Intersect the 4^{th} Standard North at a point 7.72 chs. East of the Standard Cor. to on Secs. 3 B. and Sec. 33 T. 17 N. R. 24 E., at which pt.,

Which is a Sand stone $18 \times 12 \times 4$ ins., 12 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

9 Set a Sand stone $14 \times 12 \times 6$ 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 $18 \times 18 \times 12$ 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 3^{rd} rate

Vegetation, Bunchgrass.

Henry & Co., Oct. 30, 1882.

Township

16 N., Range 24 E.,

34

Gila and Salt River

Meridian.

Chains

From the corner to sections, 4-5-32-33, on S. B. f 7
 Which is a Sand stone $14\frac{1}{2} \times 13 \times 2$ ins. 9 ins. in
 The ground for Cor. to Secs. 4-5-32-33 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, Inn

North between sections 32-33.

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

Ascend.

40.00 Set a Sand stone $12 \times 10 \times 6$ 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., 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 Top of Spur, bears N. 20° E. & S. 20° W. and descend.

78.00 Enter Valley, bears, N. W. & S. E.

80.00 Set a Sand stone $18 \times 10 \times 4$ ins. 12 ins. in
 the ground for Cor. to Secs. 28-29-32-33 marked
 with 1 notch 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 level.

Soil 3^{rd} rate

Vegetation, Bunchgrass.

Township

16 N., Range 24 E.,

Gila and Salt River

Meridian.

- Chains $N. 88^{\circ} 20'$
 East, on a random line between Sections 28 and 33.
 Variation $13^{\circ} 48'$ East.
- Over rolling land.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 79.88 Intersect N. & S. line, 9 *uks.* South of cor. to secs.
 27-28-33-34 from which corner, I run
 $S. 88^{\circ} 16'$ W. on a true line between sections 28-33,
 Variation $13^{\circ} 48'$ East.
- 34.44 Set a Sand stone $12x12x5$ ins., 8
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
 face, dug pits, $18x18x12$ 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
- 76.88 The corner to sections 28-29-32-33.
 Land rolling.
 Soil 3^{rd} rate
 Vegetation Bunchgrass.

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

North, between Sections 28 and 29.

Variation

13° 48'

East.

Descend. Over rolling land.

10.00 Cross Wash, 10 fks. wide, Course S. E.

18.78 Cross Wash, 15 fks. wide, Course S. W. Santa Valley.

40.00 Set a Sand stone 17 x 13 x 7 ins., 11 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base. alongside

78.00 Leave Valley, bears E. & W. and ascend.

80.00 Set a Sand stone 14 x 10 x 4 ins., 9 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 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

24 E.,

Gila and Salt River

Meridian.

Chains

N. 88° 20'

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

Variation

13° 48'

East.

Over rolling land.

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

79.69

Intersect N. & S. line, 19 *lks.* South of cor. to secs.
21-22-27-28 from which corner, I run

S. 88° 12' W. on a true line between sections 21-28,

Variation 13° 48' East

39.85

Set a Sand stone 10 x 10 x 8 ins., 7
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., 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

79.69

The corner to sections 20-21-28-29.

Land rolling.

Soil

3rd rate

Vegetation,

Bunchgrass.

Township

16 N, Range 24 E;

Gila and Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation

13° 48'

East.

Over level land

140.00

Set a *Sana* stone 18 x 15 x 6 ins., 12 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 and ascend.

78.00

Top of Spur, bears *E.* and *W.* and descend.

80.00

Set a *Sana* stone 20 x 8 x 4 ins. 15 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 level. and mountainous.

Soil 3rd rateVegetation, *Bunchgrass*.

Township

16 N.,

Range

24 E.,

Gila and Salt River

Meridian.

N. 88° 26'

Chains

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

Variation

13° 48'

East.

Ascend.

20.50 Top of Spur, bears N. 9 S. and descend.

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

43.00 Cross low Sag and ascend.

52.75 Top of Spur, bears N. 9 S. and descend.

80.12 Intersect N. & S. line, 28 lks. South of cor. to secs.

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

S. 88° 08' W. on a true line between sections 16-21,

Variation 13° 48' East.

140.06 Set a Sand stone $16 \times 12 \times 4$ ins., 11 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

80.12 The corner to sections 16-17-20-21,

Land mountainous. and rolling.

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 24 E.,

Gila and Salt River

Meridian.

Chains

North, between Sections 16 and 17.

Variation

13° 48'

East.

*Ascend.*20.00 Top of Spur, bears *E. and W.* and descend.

37.00 Cross low Sag and ascend.

40.00 Set a *Sana* stone 12 x 6 x 2 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

70.00 Over broken land.

80.00 Set a *Sana* stone 18 x 12 x 6 ins. 12 ins. in the ground for Cor. to Secs. *S-9-16-17* marked with *4* notches on *S.* and *4* notches on *E.* edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. alongsideLand mountainous. *and Broken.*

Soil

2nd & 3rd rate

Vegetation

Bunchgrass.

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

N. 88° 20'

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

1

Variation

13° 48'

East.

Ascend.

32.00

Top of Spur, bears N. 9 S. and descend.

40.00

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

79.86

Intersect N. & S. line, 16 lks. North of cor. to secs.

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

S. 88° 27' W. on a true line between sections 9-16,

Variation 13° 48' East.

39.93

Set a Sand stone 14 x 10 x 4 ins., 9
 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

79.86

The corner to sections 8-9-16-17.

Land mountainous.

Soil

3rd rate

Vegetation,

Bunchgrass.

Township

16 N., Range 24 E.,

42

Gila and Salt River Meridian.

Chains

North, between Sections 8 and 9.

Variation $13^{\circ}48'$ East.*Ascend.*

40.00

Set a Lava stone $10 \times 10 \times 6$ ins., 7 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on *N.* face, dug pits, $18 \times 18 \times 12$ ins., *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 on

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

80.00

Set a Sand stone $10 \times 10 \times 6$ ins. 7 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 mountainous.

Soil 3^{rd} rate

Vegetation, Bunchgrass.

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

N. 88° 20'

East, on a random line between Sections 4 and 9.

Variation

13° 48'

East.

Descend.

40.00

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

79.47

Intersect N. & S. line, 20 *uks.* South of cor. to secs.

3-4-9-10 from which corner, I run

S. 88° 11' W. on a true line between sections 4-9,

Variation 13° 48' East.

39.74

Set a Sand stone 15 x 10 x 4 ins., 10
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
 face, dug pits, 18 x 18 x 12 ins., $\frac{1}{2}$ and 1 $\frac{1}{2}$ 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 4-5-8-9.

Land rolling.

Soil

3rd

rate

Vegetation,

Bunchgrass.

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

North, on a ^{true.} ~~random~~ line between Sections 4 and 5.

Variation

13° 48'

East.

Ascend.

40.00 Set a Sand stone 16x12x4 ins., 11 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base. alongside

65.00 Top of Knoll bears E. & W. and along table land

77.33 Intersect the 4th Standard North at a point S. 10 chs. East of the Standard ^{1/4 Sec.} Cor. to on Secs. 18 & 32 T. 17 N. R. 24 E., at which pt.

Which is a Sand stone 14 x 12 x 4 ins., 9 ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ 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 and

2 Set a Sand stone 13x9x5 ins. 9 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. 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 Pinchgrass.

M. M. Newlan, Comptroller, Oct. 30, 1882.

Township

16 N.,

Range

246,

Gila and Salt River

Meridian.

Chains

From the corner to sections, 5-6-31-32 on N.B. 17
 Which is a Sand stone $15 \times 4 \times 9$ ins., 10 ins. in
 the ground for Cor. to Secs. 5-6-31-32 marked
 with / notch on S. and 5 notches on E. edges, dug pits
 $18 \times 18 \times 12$ ins. in each Sec., $5 \frac{1}{2}$ ft. dist., and raised a
 mound of earth 2 ft. high $4 \frac{1}{2}$ ft. base. alongside, Turn,

North between sections 31-32,

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

Descend.

6.70 Cross low Sag and ascend.

27.90 Top of Spur, bears E. and W. and descend.

39.00 Cross low Sag and ascend.

40.00 Set a Sand stone $15 \times 12 \times 4$ 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

47.30 Top of Spur, bears E. and W. and descend.

80.00 Set a Sand stone $15 \times 4 \times 4$ ins., 10 ins. in
 the ground for Cor. to Secs. 29-30-31-32 marked
 with / notch on S. and 5 notches on E. edges, dug pits
 $18 \times 18 \times 12$ ins. in each Sec., $5 \frac{1}{2}$ ft. dist., and raised a
 mound of earth 2 ft. high $4 \frac{1}{2}$ ft. base. alongside
 Land mountainous.

Soil 3rd rate

Vegetation) Bunchgrass.

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

N. 88° 20'

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

Variation

13° 48'

East.

Ascend.

40.00

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

45.00

Top of Spur, bears

N. 9 S,

and descend.

79.73

Intersect N. & S. line,

13 lbs.

Mark

of cor. to secs.

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

S. 88° 26' W. on a true line between sections 29-32,

Variation 13° 48' East.

39.87

Set a

Sand

stone 15 x 13 x 5 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

79.73

The corner to sections

29-30-31-32,

Land rolling. And mountainous.

Soil

3rd rate

Vegetation, Bunchgrass.

Henry A. Cox, Oct. 31, 1882,

Township

16 N.,

Range

24 E.,

Gila and Salt River

Meridian.

Chains

S. 88° 20'

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

Variation

13° 48'

East.

Over rolling ^{valley} land.

32.00 Leave Valley, bears N. 9 S, and ascend.

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

45.00 Top of Spur, bears N. 9 S, and descend.

84.21 Intersect W. B. of Tp. 11 1ks. South of cor. to secs.

25-30-31-32 from which corner, I run

N. 88° 25' E, on a true line, between sections 30-31.

Variation 13° 50' East.

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

84.21 The corner to sections 29-30-31-32,

Land rolling and mountainous.

Soil

3rd rate

Vegetation Bunchgrass,

M. M. Hardin, Comptroller,

Oct. 31, 1882.

Township 16 N., Range 24 E.

Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation 13°48' East.Over rolling ^{valley} land.

1.50 Leave Valley, bears E. and N. and ascend.

40.00 Set a Sand stone $18 \times 10 \times 10$ 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., 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

53.00 Top of Spur, bears E. and N. and descend.

73.50 Enter Valley, bears N. 70° E. & S. 70° W.

80.00 Set a Sand stone $19 \times 16 \times 13$ ins. 14 ins. in the ground for Cor. to Secs. 19-20-24-30 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 N₇

Range

24 E₁

Gila and Salt River

Meridian.

N. 88° 20'

Chains

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

Variation

13° 48'

East.

Ascend.

12.55 Top of Spur, bears N. 7 S. and descend.

20.10 Enter Valley, bears N. 7 S.

36.00 Cross Wash, 100 yds. wide, Course South.

40.00 Set temporary 1/4 sec. cor.

62.00 Ascend. gradually.

80.08 Intersect N. & S. line, 41 yds. North of cor. to secs.

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

S. 88° 38' W. on a true line between sections 20-29,

Variation 13° 48' East.

40.04

Set a Sand stone 19 x 12 x 8 ins., 14

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

80.08

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

Land rolling.

Soil 3rd rate

Vegetation Bunchgrass.

Henry et. Cor, Oct. 31, 1882.

Township

16 N.,

Range

24 E.,

Gila and Salt River

Meridian.

Chains

S. 88° 20'

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

Variation

13° 48'

East.

Over rolling land.

40.00

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

S. 3.74 Intersect W.B. of Tp. 24 1/2 m. South of cor. to secs.

19-24-25-30 from which corner, I run

N. 88° 30' E. on a true line, between sections 19-30,

Variation 13° 50' East.

43.74

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., S. and W. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base. alongside

S. 3.74

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 reversing apparatus, and found them correct.~~

~~M. M. Hardan, Compassman, Oct. 31, 1882.~~

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

North, between Sections 19 and 20.

Variation

13° 48'

East.

Ascend.

21.00 Top of Spur, bears N. 40° W. 7 S. 40 E., and descend.

28.00 Enter Valley, bears N. E. and S. W.

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

68.25 Leave Valley, bears N. E. 9 S. W., and ascend.

80.00 Set a Sand stone 24 x 8 x 3 ins. 18 ins. in the ground for Cor. to Secs. 17-18-19-20 marked with 3 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside

Land rolling.

Soil 3rd rate

Vegetation, Pinchgrass.

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

N. 88° 20'

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

Variation 13° 48' East.

Descend. Over rolling land.

40.00 Set temporary $\frac{1}{4}$ sec. cor.46.50 Cross Wash, 50 yds. wide, Course *South* and ascend.79.92 Intersect N. & S. line, 10 yds. *North* of cor. to secs.

16-17-20-21 from which corner, I run

S. 88° 24' W. on a true line between sections 17-20.

Variation 13° 48' East.

39.96 Set a *Sand* stone 16 x 10 x 4 ins., 11
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, dug pits, 18 x 18 x 12 ins., $\frac{1}{2}$ and $\frac{1}{4}$ of stone
5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft. high,
3 $\frac{1}{2}$ ft. base. alongside

79.92 The corner to sections 17-18-19-20.

Land rolling.

Soil *3rd* rateVegetation, *Bunchgrass*.

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

Henry A. Cox, Oct 31, 1887.

Township

16 N.,

Range

24 E.

Gila and Salt River

Meridian.

Chains

S. 88° 20'

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

Variation

13° 48'

East.

Over rolling land.

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

P3.10 Intersect N. B. of Tp. 13 1/2 m. South of cor. to secs.

13-18-19-24 from which corner, I run

N. 88° 26' E., on a true line, between sections 18-19,

Variation 13° 50' East.

43.10

Set a Sand stone 16 x 10 x 5 ins., 11 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base. alongside

P3.10

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

Land rolling.

Soil

3rd rate

Vegetation

Bunchgrass.

M. M. Norton, Compassman

~~Oct. 31, 1882~~

Township

16 N., Range 24 E.,

Gila and Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation 13° 48' East.

Over rolling land.

40.00

Set a Sand stone 15 x 6 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., 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 18 x 14 x 5 ins. 12 ins. in the ground for Cor. to Secs. 7-8-17-18 marked with Notches 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 N,

Range

24 E,

Gila and Salt River

Meridian.

Chains

N. 88° 20'

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

1

Variation

13° 48'

East.

Over rolling land.

8.00 Over broken land, ascending.

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

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

55.00 Over rolling land.

79.70 Intersect N. & S. line, 23 lks. South of cor. to secs.
8-9-16-17 from which corner, I run

S. 88° 10' W. on a true line between sections 8-17,

Variation 13° 48' East.

39.85 Set a Lava stone 10 x 8 x 8 ins., 7
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

79.70 The corner to sections 7-8-17-18.

Land rolling.

Soil

3rd rate

Vegetation, Bunchgrass.

~~Henry A. Cook, Oct. 31, 1882,~~

Gila and Salt River Meridian.

Chains

S. 88° 20'

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

Variation

13° 48'

East.

Descend.

15.50 Cross Wash, 21 lks. wide, Course South and ascend.

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

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

82.51 Intersect N.B. of Tp. 21 lks. North of cor. to secs.

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

N. 88° 11' E. on a true line, between sections 7-18,

Variation 13° 50' East.

42.51 Set a Sand stone $14 \times 8 \times 8$ ins., 9 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, dug pits, $18 \times 18 \times 12$ ins., E. and W. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base. alongside

82.51 The corner to sections 7-8-17-18,

Land mountainous. And rolling.

Soil 3rd rate

Vegetation Bunchgrass.

M. M. Nordan, Compassman, Oct. 31, 1882.

Township

16 N,

Range

24 E;

Gila and Salt River

Meridian.

Chains

S. 88° 20'

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

Variation

13° 48'

East.

Descend.

38.00

Cross Wash, 90 lks. wide, Course S.W.

40.00

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

S 1.90

Intersect N.B. of Tp. 30 lks North of cor. to secs.

1-6-7-12 from which corner, I run

N. 88° 07' on a true line, between sections 6-7,

Variation 13° 50' East.

41.90

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

S 1.90

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

Land rolling.

Soil

3rd rate

Vegetation,

Bunchgrass.

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

Township

16 N.

Range

24 E.

Gila and Salt River

Meridian.

Chains

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

Variation 13°48' East.

10.45 Descend Cross Wash, 52 lks. wide, Course West and ascend.
 17.00 Top of Spur, bears E. and W. and descend.
 29.35 Cross Wash, 100 lks. wide, Course West and ascend.
 38.00 Cross Wash, 70 lks. wide, Course S. E.
 40.00 Set a Lava stone 18 x 18 x 8 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

65.00 Top of Bluff, b'w. E. & W., and descend.

78.71 Intersect the 4th Standard north at a point S. 80 chs. East of the Standard ^{post} ~~line~~ Secs. 10 & 11 and Sec. 31. T. 17 N. R. 25 E. which is a sand stone 14 x 11 x 3 ins., 9 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 pt. Set a ^{piece of} ~~piece of~~ ^{lava} ~~stone~~ 16 x 16 x 2 ins. 1 ins. in the ground for Closing Cor. to Secs. 5 and 6 marked C. C. with 3 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 and broken.

Soil 3rd rate

Vegetation Bunchgrass.

M. H. Sadler, Commissioner, Oct. 31, 1882

GENERAL DESCRIPTION.

The general character of land in this Township is rolling, though it has a fair proportion of rolling and mountainous country. The soil is chiefly 3rd rate. The entire Township affords excellent grazing facilities, bunchgrass being abundant and of good quality. J. H. Jost has a house, corral and garden in Sec. 23, valued at two hundred dollars.

For Final Oaths see Book 13 - Subdivision of 514 A. R 2 & 2,

U. S. Surveyor General's Office,

TUCSON, ARIZONA, July 31st 1883

The foregoing Field Notes of the Survey of the

Subdivision Lines of Tps.
16 North, Range 24 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted 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 explana-
tions made, the said Field Notes and the surveys they describe
are hereby approved.

J. M. Smith
Surveyor General.