

1679
Book No. 2.

See Index

Field Notes

OF THE SURVEY OF

the
BOOK 1679

*Second Standard Parallel
North through Rs 1, 2, 3,
4, ^{and} 5 West*

1679

BOOK 1679

Gila and Salt River Base and Meridian

ARIZONA.

By *Johnston B McLaughlin* D.S.

Under contract dated *May 16th* 1883.

Survey commenced *June 21st* 1883.

Survey completed *June 25th* 1883.

1679

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BOOK 1679

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1679

For description of instrument
used. ^{and} preliminary oaths
see Book No. 1.

Survey commenced. June 21st 1883
Survey completed June 25th 1883.

1 14
 Second, ^{Standard} Parallel N. Chrd. R. 5 W.
 E + S. R. W

From the Cor. to Tpo's 9 N. R⁵
 1 E + 1 W. just set by me
 I ran

W. on a random line on S. bdy.
 Tpo's 9 N. R¹⁻²⁻³⁻⁴ and 5
 W. Var. 13° 42' E. Putting
 temporary 1/2 mile and mile
 corners, at each 40 + 80 chs.
 and at 30 miles after
 making careful search for our
 day and finding no old
 Cor. I set a post 4 1/2 ft long
 4 in square with marked staves
 12 ins. in the ground for Standard
 Cor to Tpo's 9 N. R⁵ + 6 W.
 marked S. E. T. 9 N on N.
 R. 5 W. Sec 31 on E.
 R. 6 W. Sec 36 on W. face
 with 6 notches on N. E. + W faces

Second Standard Parallel N. Chv. R. 5.77.

dig pits $24 \times 18 \times 12$ ins.
 Cross wires on each line N. E.
 and W. of post 6 ft. dia., and
 raised a mound of earth $2\frac{1}{2}$
 ft. high 5 ft. base cross post

From the Cor. of Sp 9 N. R⁵
 5 + 6 W. just set by me
 I run

E. on same line S. Bdy. Sec.

31

Var $13^{\circ} 46'$ E

40.00 Set a sand stone $14 \times 12 \times 6$ ins 10 ins.
 in the ground for $\frac{1}{4}$ Sec Cor. marked
 S.C. $\frac{1}{4}$ on N face and raised a mound
 of stone along side
 Pits impracticable

Second Standard Parallel N. thro R. 5. W.

Chains

80.00 Let a Malpai Stone $14 \times 10 \times 5$ ins 10 ins. in the front for Standard Cor. & Sec. 31 and 32 marked S. C. with 3 notches on E. & 1 notch on W. edge and raised a mound of stone 2 ft. high $4\frac{1}{2}$ ft. long along side Pits impracticable.

Surface rolling

Soil 2nd rate

Dense Cotsclaw & Pale Verde

E. on S. Boundary Sec 32
same line.

Var. $13^{\circ} 46' E$

21.33 Cross road from Prescott to Pheanix thro N. & S.

39.85 Cross Dry Wash Corner S.

40.00 Let a Malpai Stone $18 \times 10 \times 5$ ins

Second Standard Parallel N. this R. 5 N.

choirs

14 ins. in the front for Standard
 1/4 Sec. Cor. marked S.C. 1/4 on W
 face and raised a mound of
 stone alongside Pitts impracticable

\$0.00

Set a Malpais stone 20 x 10 x 8 ins
 16 ins. in the front for Standard
 Cor. to Secs 32-33, marked
 S.C. with 4 notches on E. + 2 notches
 on W. edges, and raised a
 mound of stone 2 ft. high 4 1/2
 ft. base alongside
 Pitts impracticable
 Surface rolling
 Soil 3rd Rat
 Dense Catsclaw + Cactus

E. on same line S. body Sec. 33
 Elev. 13° 46' E.

Second Standard Parallel N. Ave R. 5 N.

Chairs

- 40.00 Set a Granite Stone $10 \times 10 \times 8$ ins 8
ins. in the front for Standard
 $\frac{1}{4}$ Sec. Cor. marked S. C $\frac{1}{4}$ on
N. face and raised a mound
of stone alongside. Pits impracticable
- 43.10 Cross dry wash 4 chus. wide Course
S. E.
- 50.00 Cross Road bet. N & S.
- 57.50 Cross dry wash Course S. W.
- 80.00 Set a Malpai rock $14 \times 8 \times 6$ ins
9 ins. in the ground for Standard
Cor to Sec 38 $\frac{1}{4}$ marked
S. C. with 3 notches on E & N edges
and raised a mound of stone
2 ft. high $\frac{1}{2}$ ft. top along side
Pits impracticable
Surface broken
Soil 3^d Rate
Near Catsclaw & Pale Verde

Second Standard Parallel n. thro R. 5 N.

Chains

E. on same line S. bdy Sec, 34
Mar. 13^o 46 E.

37.00 Cross dry wash Course S. E.

40.00 Lk a Malpais rock 18x16x14
1/2 ins. in the ground for Standard
1/4 Sec. Cor. marked S. C. 1/4 on N.
face and raised a mound of
stone alongside.

Pile impracticable

52.52 Cross dry wash 180 dls wide
Course S.

56.45 Cross road bis. N x S.

61.37 Cross dry wash Course S.

80.00 Lk a granite stone 16x12x8 ins
1/2 ins. in the ground for Standard
Cor. to Secs 34-35 marked
S. C. with 2 notches on E. & 4 notches
on N. edges and raised a mound
of stone 2 ft. high 4 1/2 ft. long

Second Standard Parallel N. Chas. R. 5 m.

Chains

Antagride Pet impracticable

Surface Mountain

Soil 3' cat

Down Palo Verde Cats claw + Cactus

E. on same line S. Bdy. Sec. 35

Var. 130 46' E.

12.50 Cross dry wash at its wide base S.

14.30 Cross road bear N + S.

40.00 Set a granite stone 14 x 12 x 5 ins
11 ins. in the ground for Standard

1/4 Sec. Cor. marked S. C. 1/4 on N.
face and raised a mound of
stone alongside.

Pet impracticable

42.00 Top of ridge bet. N. W. + S. E.

50.00 Set a granite stone 20 x 6 x 5 ins
15 ins. in the ground for Standard

Second Standard Parallel N. thro R. 5 N.

chains

Cor to Sections 35-36 marked S.C
~~at~~ N. with 1 notch on E - 5 notches
on W. edges + raised a mound
of stone 2 ft. high 4 1/2 ft. base
alongside

Pts impracticable

Surface broken

Soil 3rd rate

Dense undergrowth

E. on lower line S. Bd, Sec 36

Run 130° 46' E.

3.05 - Cross dry wash corner N. W.

40.00 Set a Malpais rock 18 x 6 x 4 in
pins in the front for Standard
1/4 Sec. Cor. marked S.C 1/4 on
N. face and raised a mound
of Stone alongside, Pts impracticable

Second Standard Parallel N. thro. R 5 W.

Chains

\$0.00

Top of divide or mountain
bet. N. E. & S. W.

Thence descend over Mt ridges
to rocks

\$0.00

Set a Malpai rock 20 x 14 x 6 in
15 ins. in the front for Standard
Cor. to Secs. 31 & 36

Sp 9 N. R² 4-5 W. marked
with 6 notches on N. E. & W ^{edges} faces
& carried a mound of stone 2 ft.
high 4 1/2 ft. base alongside
Pits impracticable

Surface broken

Soil 3' calc

Woods Undergrowth

Second Standard Parallel N. thro. R. 4 m

Chow

From the Co. to Sp. 9 N. R⁴ 4 + 5

N. just lit by me

Descend

E. on same line S. Bdy, Sec. 31

Var. $13^{\circ} 46'$ E.

5.24 Telegraph line Des. N. S.

Descend

24.54 Cross dry wash Course S.

Ascend

31.00 Top of mt. bdy. N. E + S. W.

40.00 Set a Malpai stone $20 \times 10 \times 6$ ins.

15 ins. in the ground for Standard

$\frac{1}{4}$ Sec. Cor. marked S. C. $\frac{1}{4}$ on

N. face & raised a mound

of stone alongside

Pts impracticable

47.60 Cross dry wash Course S. E.

50.00 Set a front stone $18 \times 12 \times 6$ ins

13 ins. in the ground for Standard

Second Standard Parallel N. thro R. 4 M.

chains

Cor to Secs, 31 + 32 marked ^{S.S.} with
 5 notches on E. + 1 notch on W
 faces + raised a mound of
 stone 2 ft. high $4\frac{1}{2}$ ft. long
 along side
 Pit - imp. practicable
 Surface broken + mountainous
 soil 3' etc
 Seven Pale Verde + Catclaw trees

E. on same line S. bdy Sec 32
 Var, $130^{\circ} 46'$ E.

6.00	Cross dry creek corner S. E.
15.90	" " " " S. E.
24.35	" " " " S. E.
31.10	" " " " S.
40.00	Set a Malpai stone $14 \times 8 \times 6$ ins, 10 ins. in the ground for Standard

Second Standard Parallel N. thru R. 4 N.

Chains

- 1/4 Sec. C₁ marked S.C. 1/4 on N
face and raised a mound
of ston along side
Pits impracticable
- 52.00 Cross dry wash Course S. 10° W.
- 61.42 " " " " S. E.
- 80.00 Like Malpais rock 18 x 12 x 6 ins
1 1/2 ins. in the front for Standard
C₁ to Secs, 32-33 marked
S.C. with 4 notches on E. and
2 notches on W. edge and raised
a mound of ston 2 ft. high
1/2 ft base along side
Pits impracticable
Surface broken
Soil 3rd cat
Dense Pal Verde + C₁ claw
trucks

Second Standard Parallel N. thru R. 4 W.

chains

E. on some line S. E. dy. Sec 33

Var. 13° 46' E.

6.60 Cross dry wash corner S.

10.09 " Road bet. N. W. & S. E.

34.20 " Dry wash corner S. E.

46.00 Put a granite stone 24 x 8 x 4 ins.
15 ins. in the ground for Standard
1/4 Sec. Cor. marked S.C. 1/4 on W,
and raised a mound of stone
alongside.

Pit impracticable

80.00 Put a granite stone 12 x 8 x 6 ins.
9 ins. in the ground for Standard
Cor. to Secs 33 & 34 marked
S.C. with 3 notches on E & W faces
and raised a mound of stone
2 ft. high 4 1/2 ft. base alongside.

Pit impracticable

Surface rolling. Soil 25 sat
Palakudi & calc. clm

Second Standard Parallel N. thro R. 470

Chains

E, on same line S. bdy Sec. 34

W. 13" 46' Each

7.26 Cross dry wash 200 ft. N. of Sec. S.E.

38.75 " " " 80 " " " S.E.

40.00 Set a point stone 12x12x5 in
9 in. in the ground for Standard
1/4 Sec. Cor. marked S. C. on N
face & raised a mound
of stone alongside.

Set impracticable

50.00 Set a Malpais rock 18x12x6 in

12 in. in the ground for Standard

Cor. to Secs 34-35 marked

S. C. with 4 notches on E. &

4 notches on N. edges and

raised a mound of stone 2 ft.

high & 1/2 ft. base alongside.

Set impracticable

Surface rolling

Second Standard Parallel N. thro R. 4 W

choirs

Soil 3rd cat
Dune Cats claw + grass wood trunk
June 21st 1888.

E. on summit S. E. dy Sec. 30
Var. 13'46' E.

40.00 A Malpai rock 14x18x5 ins
9 ins in the ground for Standard
1/4 Sec Cor. marked S. C. 1/4 on
N face and raised a mound
of stone around
Pit impracticable

35.00 Cross dry wash 450 lks. mid Course S.

72.60 Top of mesa

75.00 Ascend gravel bank 60 ft. high
to N + S.

77.75 Cross Hassayampa Creek 100
lks. mid Course S. W.

78.15 A Cottonwood 20 ins. diam.

Second Standard Parallel N. thro R. + W.

Chairs

58.00 Up a granite stair 18x12x6 ins
14 lbs, in the point for standard
Car to Secs. 35-36 marked
S.C. with 5 notches on N. and 1 notch
on E. edge. and raised a
mound of ston 2 ft. high 4 1/2
ft. over along side
Superficial ^{Pet. amphibia} bl
And Mesa
Dense Undergrowth

E. on same line S. by. Sec 36,
Var 13° 46' E.

27.00 House 140 lks. N. of line
29.00 Top of ledge bes. E. + W.
31.00 Foot of " of rock 80 ft high bes
E. + W.

37 Descend into valley

Second Standard Parallel N. thro R. 4 W.

chains

- 40.00 Set a granite stone $22 \times 8 \times 5$ ins
 16 ins. in the ground for Standard
 $\frac{1}{4}$ Sec. Cor. marked S. C. $\frac{1}{4}$ on
 W face and raised a mound
 of stone alongside from which
 a Mesquite tree 8 ins. diam
 brs. S. 87° N. 27 lks. dist. marked
 S. C. $\frac{1}{4}$ S. B. T.
- 53.00 Cross dry wash 120 lks. with
 corner N. W.
 Ascend over broken foot hill
 mountains
- 80.00 Set a granite stone $18 \times 10 \times 6$ ins
 14 ins. in the ground for
 Standard Cor & Sp. 9 N. R.
 $3. \pm 4$ W. marked with 6
 notches on N. E. & W. faces
 and raised a mound of

Second Standard Parallel N. thru R. 4 W

Stone 2ft high 4 1/2 ft. base
along side
Pot. impracticable
Surface mountain
level 3rd cat
Near Undergrowth

Thru R 3 W

Second Standard Parallel N. thru R. 3 E.
From the ^{Island} Cor. to Spr. 9 N. R 3 +
4 W. just set by me
I run
E. on same line S. 84y, Sec
31

Var. 13° 46' E,

40.00

set a granite stone 16x12x8
ins 12 ins. in the front for

Second Standard Parallel N. thro R. 3 W.

Chairs

Standard $\frac{1}{4}$ Sec. Cor, marked
S. C. $\frac{1}{4}$ on N. face and raised
a mound of stone alongside
Pit impracticable.

47.00 Cross dry wash Course N.
56.50 " " " " N. W.

Ascend over broken rock hills
50.00 Set a granite stone $14 \times 12 \times 5$ in
" in. in the ground for Standard
Cor to Secs. 31 & 32 marked
S. C. with 5 notches on E. and
1 notch on W. edges & raised
a mound of stone 2 ft high
 $4\frac{1}{2}$ ft. base alongside
Surface mountainous
Soil 3' rate
Veget. Palo Verde, Oak + Brush
Brush mixed in with all varieties
of Cactus & Euphorbia

Second Standard Parallel U. Chin R. 3 W.

Chains

E. on same line S. by Sec. 32
 Elev. $13^{\circ}46'$ E.

6.00

Top of mountain bet. N. W.
 + S. E. about 600 ft. high and
 descend over broken ridges +
 deep washes.

40.00

Set a granite stone $14 \times 7 \times 6$ ins
 10 ins. in the ground for Standard
 $\frac{1}{4}$ Sec. Cor. marked S. C. $\frac{1}{4}$ on
 N. face + raised a mound
 of stone alongside
 It's impracticable

56.10

Cross dry wash Crown N. W.

75.00

" Same " " N. W.

and ascend N. E. Slope

78.00

Cross same wash Crown S. W.

+ ascend over rocky point

80.00

Set a granite stone $22 \times 16 \times 6$
 16 ins. in the ground ^{on firm ground in a mound of} in point of

Second Standard Parallel N. thru R. 3 W.

Chowis

stone
~~back~~, for Cor. to Secs 32-33
 marked S. C. with 4 notches on
 E + 2 notches on W. Edges
 and raised a mound of
 stone 2 ft. high 4 1/2 ft. broad
 along side.
 Pits unpracticable
 Surface mountainous
 Soil 3^d rate
 No undergrowth

E. on Daniel's S. Ed. Sec 33
 Var. 13° 46' E.

0.20 Cross dry wash corner N. W.
 Ascend

71.00 Cross same dry wash corner N. W.

40.00 Set a pencil stone 18 x 10 x 6 ins
 1 3/4 ins. in the front for Standard

Second Standard Parallel N. thru R. 3 N.

chains

1/4 Sec. Cor marked S. C. 1/4 on
N. face and raised a mound
of stone along side.

Pts Unpracticable

53.00 Leave gulch Corner S. N. and
ascend over Mt. ridge

46.00 Enter Gulch and
ascend

80.00 Set a granite stone 12 x 8 x 6 ins
9 ins. in the ground for Standard
Cor to Lies 33 + 34 marked S. 6

with 3 notches on E + W edges
and raised a mound of stone

~~off high pt. of base~~ along side
Surface ^{Pts - unpracticable} mountainous

Soil 3' rate

Oak + Buck Brush

Second Standard Parallel N. thru R. 3 W.

Chains

E. on same line, bdy Sec 34
Var. $13^{\circ} 46'$ E.

Ascend

6.00 Top of mountain ridge to
N. W.

Descend

22.00 Cross dry wash across N. W.

40.00 A. growth in place $25 \times 24 \times 16$
ins. above ground which I

+ mark with + at each cor. point
for standard $\frac{1}{4}$ Sec. Cor also
marked S, C, $\frac{1}{4}$ N, and

raised a mound of
straw along side

Ascend Pts. impracticable

53.00 Top of mountain ridge to
N.

Descend

70.00 Cross dry wash across N. W. and
ascend

Second Standard Parallel N. thru R 3 W.

Choirs

8900 Set a granite stone 16 x 8 x 6 in
17 ins in the ground for standard
On to Secs. 34 & 35 marked
S. C. with 2 notches on E & 4
notches on W. edges and raise
a mound of stone 2 ft high
~~4 ft high~~ along side
Pt. impracticable
Surface mountainous
Soil 3rd rate
Never Oak & Buck brush

~~~~~  
E on same line S. body Sec 35  
lat 130 + 6' E.

4000 Top of S side or Mt. ridge  
Descent

2200 Cross dry wash corner N. W.

4000 Set a granite stone 18 x 8 x 6 in  
14 ins. in the ground for standard



Second Standard P.C. mark N. Chis R. B. W.

Chis

1/4 cor  
 Cor to Sics, 25-36 marked  
 S.C. 4/4 in N face  
 ...  
 ... raised a mound  
 of stone along side. Pit impracticable  
 Ascend to E.

47.00 Top of mountain S. N + S.

Descending

50.00 Set a granite stone 18 x 14 x 5 in  
 14 in in the ground for Standard  
 Cor to Sics 35-36 marked S.C.  
 with 5 notches on E, & 1 notch  
 on N. edges & raised a  
 mound of stone <sup>along side</sup> ~~2 ft high~~ <sup>1/2</sup>  
~~ft from west face~~

Pit impracticable

Surface mountainous

Level 30 not

Wine Oak & Jack (frank)



Second Standard Parallel N. thro R. 3. W.

Chains

E. on down line S. edge Sec 36  
Var  $130^{\circ} 46' E.$

Descend

6.40 Cross dry wash Course N. W.

Ascend

39.00 Top of mountain top. N. W. + S. E.

40.00 Set a granite stone  $16 \times 12 \times 5$  ins  
13 ins. in the front for <sup>Standard</sup>  $\frac{1}{4}$  Sec  
Cov. marked  $\frac{1}{4}$  S. E. on N and  
raised a mound of stone  
alongside

Pit impracticable

63.40 Cross dry wash Course N. W.

Ascend

80.00 Set a granite stone  $24 \times 16 \times 12$  ins  
18 ins. in the front for Standard  
Cov. to Tps 9, N. R<sup>s</sup> 2 + 3 W.  
marked with 6 notches on N. E. +  
N. faces + raised a mound

Second Standard Parallel N. thru R 3 W,

Chronic

of stem ~~is high up~~  
~~has~~ above side

Pits impracticable

Surface mountainous

Soil 3' cat

Went Oak + Buck brush

I carefully examined the adjustments  
of my solar <sup>transit</sup> ~~compass~~ today particularly  
the latitude and reversing apparatus, and  
found them correct. J. B. McLaughlin June 22  
1883  
Second Standard Parallel N. thru R, 2 W,

From the Standard Cor to Sp  
9. N. R<sup>s</sup> 2 + 3 W. just ret  
by me

I run

E. on Dome line S. <sup>by</sup> Sec 31  
On 13° 46' E

6.00 Ascend S. W. Slope

10.00 Top of mountain about 1200 ft

Second Standard Parallel N. thru R. 2 W.

Chairs

high br. N + S.

40.00

Set a granite stone 14x12x5 ins  
10 ins. in the ground for standard  
1/4 Sec. Cor. marked S. C. 1/4 on  
N. face and raised a mound  
of stone along side  
Pit impracticable

41.00

Cross dry wash Corner S. E.

76.00

" " " " N. E.

84.00

Set a granite stone 16x10x4 ins  
12 ins in the ground for Standard  
Cor. to Secs 31-32 marked with

S. E

1 notch on E. & 5 notches on W.

Edges and raised a mound  
of stone 2 ft. high ~~at 1/4~~  
along side

Pit impracticable

Surface mountainous

Soil 3' water

Some oak & Cats claw brush



Second Standard Parallel N. thru R. 277.

Chains

E on same line S. body loc. 32  
Var.  $13^{\circ}46' E$ .

40.00 Set a front stone  $18 \times 12 \times 6$  ins  
 $1\frac{1}{2}$  ins. in the ground for starting  
 $\frac{1}{4}$  Sec Cor. marked S.C.  $\frac{1}{4}$  on N  
face & raised a mound of  
stone along side.

Pit impracticable

44.00 Cross due west Cross S. E.

53.00 Cross " " "  $S. 10^{\circ} E$ .

Descending

50.00 Set a front stone  $16 \times 12 \times 8$  ins  
 $1\frac{1}{2}$  ins. in the ground for Standard  
Cor. to lines 32-33 marked S.C  
with 2 notches on W + 4 notches  
on E. edges & raised a mound  
of stone 2 ft. high at top & was

along side. Pit impracticable  
Surface broken & mountainous



Sierra Standard Parallel n. Ch. R. 2 m.

Chorin

Soil & a rat

Near Undercroft

E. on same line S. by Sec 33

Var. 130 & 6' E.

0.75 Cross dry wash across S.

34.00 " " " " S. E.

40.00 Liba malpais rock 16x12x5 ins.

10 ins. in the ground for Standard

1/4 Sec. Cr. marked S. C. 1/4 on

n. face & raised a mound of

stone along side

Pits impracticable

58.90 Cross road to 21 & S.

69.10 Cross dry Creek across S.

80.00 Liba granite stone 18x12x4 ins

13 ins. in the ground for Standard

Cr. to Sec 33-34 marked

Second Standard Parallel N. thru R. 2 W.

Chowen

S. C. with 3 notches on E, & W,  
edges & raised a mound of  
stone 2 ft. high  $\frac{1}{4}$  ft. base  
along side

Pit impracticable

Surface mountainous

Soil 4 ft. soil

Went Cats claw + Pactus trunk

---

E. on same line S. bdy Sec 34

Var.  $130^{\circ} 46'$  E.

15.00 Point of rock 120 ft high S. of  
line 15' lks.

agene  
36.00 Top of mountain bears N, W, & SE.

40.00 Set a front stone  $14 \times 12 \times 5$  in  
9 ins. in the front for Standard  
1/4 Sec. C. marked S. C.  $\frac{1}{4}$  on N.  
face & raised a mound of stone  
along side Pit impracticable

Second Standard Parallel N. the R. 2 W.

Cherms

Descending along N. W. Slope  
 80.00 Set a front stone  $20 \times 8 \times 6$  ins  
 15 ins. in the front for Standard  
 Cor to sec 34-35, marked  
 160 mitt of notch on E & W notch  
 on N. edges & raised a mound  
 of stone 2 ft high ~~with the stone~~  
 along side.  
 Pit impracticable  
 Surface mountainous  
 Soil 3' cat  
 Never undrains with

E. on down line S. edge sec 35-  
 Var. 13' 46' E.

7.00 Cross Cañon 400 ft below  
 Surrounding Cranty Cañon S.

40.00 Set a front stone  $18 \times 10 \times 8$  ins



Second Standard Parallel N. thru R. 2 W.

chains

10 ins. in the ground for Standard  
1/4 Sec. Cor. marked S.C. 1/4 on  
N. face + raised a mound  
of stone alongside

Pth. impracticable

45.00 Top of mountain bet. N. + S.

60.50 Cross Arroyo Creek S. E.

Descending

80.00 Set a granite stone 18x10x6 in  
13 ins. in the front for Standard  
Cor. to Secs 35-36 marked S.C.  
with a notch on E + S with  
on N. edges + raised a  
mound of stone 2 ft high 4 1/2  
ft. base alongside

Pth. impracticable

Surface mountainous

Soil 3<sup>rd</sup> rat

Never undergrowth

Good indication of copper + minerals generally

June 23<sup>rd</sup> 1883

Second Standard Parallel N. thru R. 2 W.

Chains

E. on same line S. 87° Sec 36  
Var. 13' 46' E.

Descend

15.00 Enter Arroyo Corner S. W.  
16.00 Same " " N. 87° W.  
30.40 " " " N. 76° W.  
31.00 " " " N. 88° W.

40.00 Set a front stone (on E. side  
Arroyo Corner N. W.) for <sup>Standard</sup> Sec  
Cor. 78 x 10 x 5 in. in  
the front marked S. C. 1/4 on  
N. face + raised a mound  
of stone along side  
Pit impracticable

49.00 Cross Arroyo Corner N.  
Ascending

80.00 Set a front stone 20 x 16 x 5 in  
15 in. in the front for Standard  
Cor. to Sp's 9 North. R's 1  
and 2 West. marked

Second Standard Parallel N. thru R. 2 W.

Choir

S.C. with 6 notches on N. E. + W faces  
and raised a mound of stone  
8 ft high 4 ft thick, base along side  
Pits impractical

Surface mountains

Soil 3<sup>rd</sup> rate

Wine undergrowth

---

Second Standard Parallel N. thru R. 1 W.

From the Standard Cor to Sp. 9

N. R. 1 + 2 W. just set by  
me

See

E. on same line S. Idy Dec 31

Var.  $13^{\circ} 46' E.$

Ascend to rock

5,70 Top of ridge bet. N + S.



## Second Standard Parallel N. thro R. 1 W.

Chairs

40.00

Set a granite rock  $16 \times 10 \times 6$  ins  
 12 ins. in the ground for Standard  
 $\frac{1}{4}$  Sec. Cor. marked S.C.  $\frac{1}{4}$  on N  
 face & raised a mound of  
 stone along side  
 Pit impracticable

58.20

Cross Arroyo corner S. E.

80.00

Set a granite stone  $20 \times 12 \times 8$  ins  
 15 ins. in the ground for Standard  
 Cor to Secs 31-32 marked S.C.

with 5 notches on E & 1 notch  
 on W. edge and raised a mound  
 of stone 2 ft. high  $\frac{1}{2}$  ft. from  
 along side

Pit impracticable

Surface mountain

soil 5' rot

5' even underfoot

## Second Standard Parallel N. The R., W.

Chains

E. on Dome near Skydg. Sec 32  
 Var. 13° 46' S.

3.00 Top of Mountain ridge on S.

24.80 Cross Arroyo to W. width 80 ft, deep  
 descending over rocky point

40.00 Set a granite stone 22 x 10 x 5 ins  
 16 ins in the ground W. side of  
 dry wash corner S. E. for Standard  
 1/4 Sec. Cr. marked S. 0" in N. for  
 & raised a mound of stone along side  
 Pit impracticable

63.80 Cross Arroyo Corner S.

80.00 Set a granite stone 20 x 8 x 5 ins  
 15 ins. in the ground for Standard  
 Cr to Sec 32-33 marked

North 4 notch on E & 2 notches  
 on W. edge & raised a mound  
 of stone 2 ft. high ~~at top of~~  
 along side  
 Pit impracticable

Second Standard Parallel N. of the R. 1 W.

Chemin

Surface mountainous

Soil 3<sup>d</sup> rate

New Cats claw + Cactus.

No water on or near here



E. on some line S. by Sec 33

Cor. 13-46 E.

2 1,26 / Cross Arroyo Corner S. E.

2 8,14 / Top of mountain ridge bet. S. E.

40.00 / Aha granite stone 20 x 6 x 4 in

15 ins. in the ground for Standard

1/4 Sec. Cor. marked S. C 1/4 on N

face + raised a mound of

stone along side

Pit impracticable

5 4,30 / Arroyo about 200 ft. deep below

Surrounding County Corner S. E.

and ascend



Secma Standard Parallel N. thru R. 1 m.

shown

- 7085 Top of ridge bet. S. E.  
 79,90 Cross Anceps Corner S. E.  
 80,00 Like a pencil stem 14 x 8 x 6 in  
 9 in. in the ground for Standard  
 Cor to Secs 33-34 marked  
 S. C. with 3 notches on E or W  
 edges & raised a mound of  
 stem 2 ft high ~~4 1/2 ft~~  
 along side  
 Pit inoperative  
 Surface mountainous  
 Soil 3<sup>rd</sup> rate  
 Dunes Cats claw & Cactus

June, 24<sup>th</sup> 1883.

## Second Standard Parallel N. thru R. 1 W

## Chains

E. on same line S. bdy Sec 34  
Var.  $13^{\circ} 46' E.$

7.60 Top of mountain rises to S. E.  
and descend

33.15 Cross Arroyo Course S. E.

40.00 Set a point thru  $20 \times 8 \times 6$  ins  
15 ins. in the front for Standard  
1/4 Sec. Cor. marked S. C. on N. face  
and raised a mound of stone  
along side.

Pit impracticable

54.00 Cross Arroyo Course S. E. 300 ft.  
below surrounding hills

71.00 Top of ridge ascend to N.  
descend S. W. slope

80.00 Set a point thru  $20 \times 12 \times 3$   
ins. 15 ins. in the front for  
Standard Cor. to Sec 34-35  
marked S. C. with ~~2~~ notch on E

Siema Standard Parallel N. thru R. 1 W.

Chains

and ~~of~~ north on W. edge, and  
<sup>2 ft. high 1/4 ft. from base</sup>  
 raised a mound of stone elongated  
 pits impassable

Surface mountainous

Soil & a cat

Seen Cats claw & Cactus

---

E. on some line S. by Sec 35  
 Ver. 13° 46' E.

23.59 Descend Mt. Side Cañon 300  
 ft. deep Course S. E.

40.00 A granite rock in place 4 x 3 x 2  
 ft. above ground, on S. E. point  
 of rock which I mark S. C. 1/4  
 on N. face for Standard 1/4 Sec  
 Cor. with + at exact Cor.  
~~and raised a mound of stones on top~~  
 Descend

Over high point of mountain



Second Standard Parallel N. thru R. 1 W.

chains

- 48.00 Cross Hamburg Creek Course S.  
500 ft. deep, No Water  
Asand N. Slope
- 7200 " N. W. Slope
- 7400 Top of ridge from N. E. & S. W.
- 8000 Set a front stone  $34 \times 16 \times 12$  ins.  
25 ins. in the ground for Standard  
Cov to Secs 35-36 marked  
S. C. with 5 notches on ~~N.~~ and  
1 notch on ~~W.~~ edges and  
raised a mound of stone ~~2 ft.~~  
~~high 4/5 ft. tall~~ along side  
Pit unpracticable  
Surface mountainous  
Soil 4<sup>th</sup> Cat  
Drum Cactus & Pactus
-

## Second Standard Parallel N. thru R. 1 W.

|       |                                                                                                                                                                                        |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chain | E. on same line S. bdy Sec 36<br>W. 13° 46' E.                                                                                                                                         |
| 5.00  | Cross Arroyo Course S. & descend                                                                                                                                                       |
| 10.20 | " " " S.W. 200 ft. deep<br>Ascend                                                                                                                                                      |
| 16.00 | Top of ridge bet. S. W.<br>Descend over M <sup>t</sup> ridge                                                                                                                           |
| 25.75 | Cross Arroyo 600 ft. deep Course S.W.                                                                                                                                                  |
| 40.00 | Set a granite stone 16 x 10 x 8 ins<br>13 ins. in the ground for Standard<br>1/4 Sec. Cor, marked S. C. 1/4 on<br>N. face & raised a mound<br>of stone along side<br>Pt. impracticable |
| 48.60 | Top of mountain about 700<br>ft. high Bet. N & S. good<br>indication of mineral in<br>Hamburg mining Camp                                                                              |

Second Standard Parallel N. the R. 1 W.

Chopin

Descend E. slope of mountain  
side

79.00 Cross Rock Wall Cañon Can S.

80.00 The amt Sp. 9 N. R. <sup>1 W and E</sup> ~~1~~ ~~2~~ ~~3~~ cut  
sw

recently established by run  
and place of beginning

1883

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

J. B. McLaughlin,  
June 25<sup>th</sup> 1883