

Township

19 NORTH

Range

40 EAST

Monte Diablo Base and Meridian.

Chains

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

Variation

17°30'

East.

40.00

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

Ascend gradually over East slope

75.00

Top of Ridge, bears S. E. and descend

80.12

Intersect N. B. of Tp. 14 lks E of cor. to secs

5, 6 31 + 32

which is a stone 8 x 14 x 10 ins. 12 ins. in the ground marked with 5 notches on E and 1 notch on W edges and mound of stone alongside.

from which cor. I run S 6' E

on a true line between sections 5 + 6 with same va.

40.12

Set a Granite stone 16 x 8 x 8 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.

80.12

The cor. to secs. 5, 6, 7 + 8

Land rolling

sagebrush and bunchgrass

soil  $2\frac{1}{2}$  rate

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

June 21<sup>st</sup> 1882