

E. B. T. / S, R. 4th E., Mt. D. M.

Chains.

North between sections 1 and 6.

Variation $N^{\circ} 49'$ East.

Ascend. Over rolling land.

40.00 Set a basalt stone $14 \times 9 \times 8$ ins., 7 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on W face, and raised a mound of stone alongside. Pits impracticable.

79.76 Intersect Mt. Diablo Base line, 12.86 chs. W. of cor. to Tps. 1st N., R. 4th E., and

Set a basalt stone $15 \times 10 \times 9$ ins. 10 ins. in the ground, for Sec. Cor. to Tps. 1st N., R's 4th and 4th E., marked S. E. with 6 notches on S. E. edges, and raised a mound of stone, alongside. Pits impracticable.

Land hilly.

Soil 2nd rate

Vegetation, sagebrush,

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

R. J. Putnam.
August 23rd 1852.