

N. B., T. 2 N., R. 39 E., Mt. D. M.

North on a true line between sections 1-6.

Va. $16^{\circ} 7'$ East.

Ascend.

40.00 Set Sand Stone $12 \times 10 \times 7$, in Earth mound, 4 ft. in diameter at base, by 2 ft. in height, and dug pit $24 \times 18 \times 12$, 8 lks East for $\frac{1}{2}$ sec. cor.

67.00 Top of hill bears E. & W. and descend.

80.00 Set Sand Stone $12 \times 10 \times 10$, in Stone mound $4\frac{1}{2}$ ft. in diameter at base, by 2 ft. in height, for

The Cor. to Tps. 2 & 3 N. Rs. 58 & 59 E.

Land mountainous.

Soil $2\frac{1}{2}$ & $3\frac{1}{2}$ rate

Undergrowth of Dogbrush.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. Sep. 2, 1881.

Before proceeding ^{further to remeasure} to subdivide this Tp., 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 further tested instrument by reversing. Latitude $38^{\circ} 2' N$.