

E. B. T. 19S., R. 59E., Mt. D. M.

Chains.

North on a true line between sections 1-6.
 Va. $15^{\circ}30'$ East.

40.00 Set a granite stone $16 \times 14 \times 10$ ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face and raised a mound of stone. Pits impracticable.

40.19 Cross Road, bears, N. W. & S. E.

80.00 Set a granite stone $14 \times 9 \times 5$ ins. 10 ins. in the ground, for Cor. to Tps. 18 and 19S. R's 59 and 60E., marked with 6 notches on each edge, and raised a mound of stone. Pits impracticable.

Land level.

Soil Bd. rate

Undergrowth of *Bunchgrass*.
 I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. July 15-1881

N. B. T. 19S., R. 59E., Mt. D. M.

Before proceeding 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 same by observation on the sun. I also further tested instrument by reversing. *July 15 to 20, 1881*
 latitude is $36^{\circ}19'N$