Monte Diablo Base and Meridian.

Chains. North, on a random line between Sections 1 and 2. Variation / 1 04/2-1 East. Set temporary 1 sec. cor. 40.00 which is a stone 18. XIX 8. Marked and Expanded in a con in a second of the from which cor. I run por 80,17 on a true line between sections / & with same va Ascend of Clope Ascend 3 o Slope 81.00 But a Line stone 10 x/1 x gins 10 un in the ground 40,17 for \frac{1}{4} sec. cor., marked \frac{1}{4} on Wface. Dug pits 18 x 18 x 12 ins. Nand [of stone 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base alongside. 80,17 The cor. to secs. The necessary corrections corresponding * to the giving stope has been applied and the corner located according to the true distance thus obtained. Land mountainous North 31.00 clss Sourd Sevel fonto 49,17 chr sagebrush and bunchgrass soil 2 m rate I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. January 8th 1885-