

INSTRUMENT.

This survey was made with a C. L. Berger mining transit No. 7253. The courses were deflected from the true meridian as determined from direct solar observations. The distances were measured with a 650 ft. steel tape.

REPORT.

The lines of this survey and the tie lines were run upon the ground.

The NE. Cor. of Sec. 18, T. 16 N., R. 63 E., Mt. Diablo B. and M., is a limestone, 8x8 ins., 18 ins. long, in a mound of stone, chiseled five grooves on the east face, and four grooves on the south face. This is the nearest standing Corner of the public survey that can be found and identified. The E. $\frac{1}{4}$ Cor. of Sec. 18 could not be found. The SE. Cor. of Sec. 18, is a limestone, 8x10 ins., 16 ins. long, in a mound of stone, chiseled five notches on the east face, and three notches on the south face.

I find the east boundary of Sec. 18, to be S. 5° 28' 30" W., 5321.54 ft.

Sur. No. 37A, Aultman lode, Cor. No. 1 is a pine post properly set but not scribed. Cor. No. 2, identical with Cor. No. 1, Sur. No. 3754, Golden Fleece lode, is a cedar post properly set and scribed, 2-37A and 1-3754. I find line 1-2 to be S. 55° 08' 42" E., 1500 ft. instead of S. 55° 45' E., 1500 ft. as given in the approved field notes.

Sur. No. 66, Joana lode, Cor's. No. 3 and 4 are cedar posts, properly set and scribed with the number of the corner and survey, I find line 3-4 to be S. 34° 23' W., 592.6 ft. instead of S. 34° 30' W., 600 ft. as given in the approved field notes.

Sur. No. 2022, Inaugural lode, Cor's. No. 3, 4 and 5 are cedar posts, properly set and scribed with the number of the corner and survey. I find line 3-4 to be S. 63° 0' 50" W., 1046.05 ft., instead of S. 62° 07' W., 1059.2 ft.