

SURVEY NO. 4726

Feet

Mineral Survey No. 4726 was made with a Gurley Light Mountain Transit, with horizontal limb 6 inches in diameter having two double opposite verniers, and ~~and~~ a half vertical circle 5 inches in diameter. Both verniers reading to minutes. This Transit is equipped with a Burt Solar Attachment. The instrument was in excellent condition at the time of this survey and all adjustments were in good order.

An observation of Polaris at eastern elongation was made at the point of beginning, details of which are shown on the calculation sheet herewith. All azimuths in this record are referred to the true meridian thus determined, by method of deflection angles and calculated courses.

The lines were measured with a Lufkin steel tape 500 feet in length graduated to tenths and hundredths on the first foot and to feet thereafter, and a fifty foot steel tape graduated to feet, tenths, and hundredths.

All lines and connections of this survey were run by direct method.

The magnetic variation observed at each corner of this survey gave a uniform value of $19^{\circ}15'E$.

NEVADA RIO TINTO LODE

Beginning at Cor. No. 1 of the Nevada Rio Tinto Lode.

An iron pipe 4 ft. long, 2 ins. in diameter, set 16 ins. in the ground, in concrete, surrounded by a mound of earth and stone 18 ins. high, for Cor. No. 1, mkd. 1-4726-S.W.N.R.T. from which.

The Witness Corner to the $\frac{1}{4}$ section corner on the boundary between sections 10 and 11, T.45 N., R.53 E. Mt. Diablo Meridian, bears $S.18^{\circ}27'30"E.$, 666.7 ft. dist; an iron post 1 inch in diameter with brass cap projects 14 ins. above ground, firmly set marked and