

## Survey No. 4293.

Feet.

Humboldt Chief Lode Contd,

No.2. A discovery tunnel averaging  $4\frac{1}{2}$  x 5. ft in solid rock the mouth of which bears S  $16^{\circ}-08'E$  493.7 ft from Cor No.4 and runs, thence S  $51^{\circ}-27'E$  123.0 ft to point, thence S  $40^{\circ}-06'E$  84.5 ft to face.

Value \$ 2484.

No.3. A Tunnel 4 x 5 ft in solid rock, the mouth of which bears from Cor No.1 S  $76^{\circ}-14'E$  797.2 ft, and runs thence S  $35^{\circ}-20'E$  171.3 ft to face.

Value \$ 2052.

Other improvements none.

## Instrument.

This survey was made with a "Brandis & Sons Engineers mining transit, No. 2324. The horizontal and vertical limbs are divided to 1' of arc, being graduated on the horizontal limb from  $0^{\circ}-360^{\circ}$ . All courses were deflected from the true meridian as determined by direct Solar observations.

The distances were measured with a 543 ft and a 66 ft steel tape, Lufkin Rule Co make  $\frac{1}{8}$  ins wide and divided to feet and tenths. The smaller tape divided to feet, tenths and hundredths of a foot.

## Report.

The  $\frac{1}{4}$  Sec Cor which is the East  $\frac{1}{4}$  Sec Cor of Sec 1. T 31 N- R 33 E. M.D. B & M. is a quartzite stone, marked  $\frac{1}{4}$  S.

Size 4 x 13 x 18 ins high, diamond shape, and sits on top of a mound of rocks 3 x 4 x 6 ft.