

Test of Instruments.

Frequent tests of the solar apparatus were made throughout the survey of the township by direct solar observations on line, and by frequent tests on the Polaris meridian established at camp.

Measurements on the surveys in this township were made with a Lallie 5.00 ch. steel tape which was compared with a standard 1.00 ch. tape.

Slope angles were determined by the use of clinometers, the adjustments of which were made by comparing their readings with those of the transit.

 Retracement of the W. Bdy. of T. 27 N., R. 46 E.

Chains From the old cor. of Ts. 26 and 27 N., Rs. 45 and 46 E., which is a granite stone, 10 x 4 x 4 ins., with no evidence of markings, set in a mound of stone, North, on retracement, bet. secs. 31 and 36.

✓ 40.08 Fall 13 lks. W. of the old $\frac{1}{4}$ sec. cor., which is a granite stone, 20 x 8 x 8 ins., firmly set in a mound of stone, marked $\frac{1}{4}$ on W. face.

✓ The course of this $\frac{1}{2}$ mile is N. $0^{\circ} 11'$ E. and the dist. is 40.08 chs.

✓ 80.03 Fall 38 lks. W. of the old cor. of secs. 25, 30, 31 and 36, which is a granite stone, 14 x 10 x 3 ins., firmly set in a mound of stone, marked with 1 groove on S. face and 5 grooves on N. face.

✓ The course of the N. $\frac{1}{2}$ mile is N. $0^{\circ} 22'$ E., and the dist. is 39.95 chs.

From the old cor. of secs. 25, 30, 31 and 36, North, on retracement, bet. secs. 25 and 30.

✓ 40.18 Fall 14 lks. E. of the old $\frac{1}{4}$ sec. cor., which is a granite stone, 10 x 8 x 2 ins., firmly set in a mound of stone, marked $\frac{1}{4}$ on W. face.

✓ The course of this $\frac{1}{2}$ mile is N. $0^{\circ} 12'$ W., and the dist. is 40.18 chs.