

T. 45 N., R. 53 E.

conclude that the adjustments of the instrument are satisfactory.

MEASUREMENTS.

Unless otherwise specified, all measurements are made with a Lallie steel ribbon tape, 5 chains in length, compared with a Lufkin standard steel tape, 1 chain in length, and found correct. The measurements are made on the slope, the vertical angle determined by use of K. & E. clinometers, and the slope measurements properly reduced to true horizontal distances.

Begin
Chains

RETRACEMENT OF THE OLD NINTH STANDARD PARALLEL NORTH
thru RANGE 53 EAST.

From the Old Standard cor. of secs. 35 and 36, T. 46 N., R. 53 E., which is a basaltic stone, 6x7x16 ins., marked as described by the Surveyor General and lying 14 ins. under the surface of the ground. I efface all marks and place WP on top of stone and replace stone in original position. There are no witnesses to this corner; it being in a sandy and marshy portion of a cultivated field. This corner was established by Deputy D. Scully in 1896, under Contract No. 209. N. 89° 22' E., on retracement,

- 11.11 Intersect Cor. No. 1, H.E.S. No. 76, which is a wooden ground, post, 5x5x15 ins. above/ firmly set in ground, mkd. CC on N. and S. faces, 1-HES-76 on W. face and wit. by a mound of stone to the north.
- 29.91 Intersect Cor. No. 8, M.S. 2148, which is a wooden post, 4x4x20 ins., set in a mound of stone, mkd. 8-2148 on SE. face.
- 37.79 The point hereinafter determined for the closing cor. of T. 45 N., Rs. 53 and 54 E.
- 39.74 The Old Standard $\frac{1}{4}$ sec. cor. of sec. 36, which is a ground, basaltic stone, 5x8x10 ins. above/ no marks discernible, alongside of which is an iron post, 2 ins. diam.