

Resurvey of ^S Boundary and Subdivisions of T. 28N. R. 52 E.

mark falls 0.4 ins E. of the mark in the meridian established by Polaris observation.

The solar apparatus by P.M. and A.M. observations defines positions for meridians respectively about 21" W and 21" E. of the meridian established by Polaris observations; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 7h.1m A.M. is N. 18o W.; the angle thus determined gives a magnetic decl. of 18o E.

I begin at the cor. of secs, 2,3,34, and 35 on the S. bdy. of T. 28N. R. 52 E., which is a stone 10x6x5 ins above ground, marked and witnessed as described by the Surveyor General; the cor. being almost obliterated, I destroy all traces of the old cor. and rebuild in the same place as follows: I set an Andesite stone 16x10x6 ins. 11 ins in the ground, for the cor. of secs. 2,3,34 and 35, marked with 4 notches on the W. and 2 notches on the E edge and raise a mound of stone of 2 ft. base, 1½ ft high W. of cor. Pits impracticable. Thence I retrace the

- the line bet. secs. 34 and 35,
- the line bet. secs. 26 and 27,
- the line bet. secs. 22 and 23,
- The line bet. secs. 14 and 15,
- the line bet. secs. 10 and 11,
- the line bet. secs. 2 and 3,
- the line bet. secs. 23 and 26,
- the W. ½ of the line bet. secs 2 and 35,
- the W ½ of the line bet. secs. 26 and 35,
- the W ½ of the line bet secs. 14 and 23,
- the W ½ of the line bet. secs. 11 and 14,
- the W ½ of the line bet. secs. 2 and 11,
- the W ½ of the line bet secs. 24 and 25,
- the S ½ of the line bet. secs. 23 and 24.