2a

Retracement of the N. bdy. of T. 28 N. R.39 E.

Chains.	
	At 7h 47m a.m. l.m.t. I set off 6° 27½' S. on the decl. arc; 40° 18' N. on the lat. arc; and determine a meridian with the solar. The line thus determined with transit No. 8572 falls 0.5 inch to the right of the true meridian. The line determined with transit No. 8589 coincides exactly with the polaris meridian.
	The tapes used were steel tapes 5 chs. long, and were frequently tested with a 1 ch. tape that was used for nothing else. Clinometers were used to determine the slope angles.
	At 9h 47m a.m. l.m.t. I set off 40° 19½' N. on the lat. arc; 6° 30' S. on the decl. arc; and determine a meridian with the solar at the old ¼ sec. cor' of secs. 5 and 32 which is a cedar stake 2 X 3 X 36 ins. marked and witnessed as described by the surveyor general.
	Thence I run
	West on retracement line, bet. secs. 5 and 32.
39.99	Fall 6 lks. N. of the cor. of secs. 5, 6, 31 and 32 which is a cedar stake 3 x 3 x 30 ins. mkd. and witnessed as described by the surveyor general.
	The course of this line is therefore S. 89° 55' W. and the distance is 39.99 chs.
	West bet. secs. 6 and 31.
39.85	Fall 40 lks. N. of the ¼ sec. cor. of secs. 6 and 31, which is a cedar stake 1 x 2 x 30 ins. mkd. and witnessed as described by the surveyor general.
80.00	Fall 80 lks. N. of the cor of Tps. 28 and 29 N. Rs. 38 and 39 E. which is a cedar stake 2 x 4 x 36 ins. set in mound of stone, marked and witnessed as described by the surveyor general.
	The course of this line is therefore S. 89° 26' W. and the distance is 80.00 chs.

RETRACEMENT OF WEST BOUNDARY. T. 28 N. R. 39 E.

From the cor. of Tps. 28 and 29 N. Rs. 38 and 39 E. I run South bet. secs. 1 and 6.