. . SS .R ... M. I. I YSAIRTOE41ENI, TR. 122 FESTS THEOREGED

1

. . TOD

adi di

ron jo

00.8

fb. balow

of the sun's lower limb and the transit of the sun's 62.15 [Fall 35 lks. E. bi the original cor. .dmil tass 30, 31 and Mean watch time of apparent noon 11h 55m 07s a.m. Watch slow of local mean time 3m 3s. saruos of Mean observed altitude 70°58'15".tale ant bus Chence, Reduced latitude 41°32'30". This township was surveyed in conjunction with the survey of T. 42 N., R. 22 E., and during the progress of the survey, the instrument was kept in good adjustment, frequent tests being made on the meridian determined by observations made on Polaris and by direct altitude octrue probservations made on the sun. vilouberg baccaed rook Shrough dense, short undergrowth.

31

C1.71

All measurements were made with Lallie steel tapes 5 chains in length, compared with a standard steel tape 1 chain in length. ds broosb ; . W bra . 3 The measurements were made on the slope, the vertical angles determined by means of clinometers, the to adjustments of which were made by comparing their readings with the transits, and the slope measurements 34.00 properly reduced to true horizontal distances. On broken SW. slope, 90 ft. above milch. 40.00

face of descent as base of rimrock, 100

bne .Thi erreod

MEASUREMENTS.

DEPENDENT RESURVEY OF EAST BOUNDARY, T. 41 N., R. 22 E. REESTABLISHMENT OF SURVEYS EXECUTED BY G.W. GARSIDE AND C.S. PREBLE, UNDER CONTRACT 61 in 1874.

From the standard cor. T. 41 N., Rs. 22 and 23, E., hereinafter described.

và lo brach a salafi North, on retracement line bet. secs. 31 and 36. 40.31 Fall 18 lks. W. of the original $\frac{1}{4}$ sec. cor. secs. 31 and 40.31 C X S X OI firmly 36, hereinafter described.

no 1 Bestram . te The course of this half mile therefore is N. 0°15' E., and the distance is 40.31 chs. and alongside

s original.cor. Offset to the 4 sec. cor. and continue North