

~~Summary of~~ N. hdy. T6N R59E

Chains.

small groove in the stone set Oct. 23, on which the meridian falls 0.4 ins. east of the mark determined by the solar

At 8 h., a.m., l.m.t., I set off $38^{\circ}24'N$ on the lat. arc. $110^{\circ}+8^{\circ}39'$ S. on the decl. arc and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs. N. of my station, this mark falls 0.2 ins. east of the meridian established by the Polaris observation.

The solar observations by p.m. and a.m. observations, define positions for meridians, respectively about 0'21" west and 0'11" east of the meridian established by the Polaris observation.

Therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 8 h. 20 m., a.m., l.m.t., is $N 16^{\circ}45'W$, the angle thus determined gives the mag. decl. $16^{\circ}45'E$.

Thence I run
W. bet. secs. 1 and 36
Over level land.

40.00

Set an iron post 3 ft. long 1 in. diam. 24 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{536\frac{1}{4}}{51}$
1913

62.70

dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

68.90

Road, bears N.W. and S.E.

80.00

Set an iron post 3 ft. long, $\frac{3}{2}$ ins. diam. 24 ins. in the ground for cor. of sec. 1, 2, 35 and 36, with brass cap mkd.