

THIRD STANDARD PARALLEL SOUTH, through RANGE 49 EAST.

CHAINS

Difference between measurement of 40.00 chs. by two sets of chainmen is 16 lks., position of middle point

By 1st. set, 40.08 chs.,

By 2nd. set, 39.92 chs., the mean of which is

40.00 Set a lava stone, 12x12x5 ins., 8 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked S C $\frac{1}{4}$ on N. face, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Pits impracticable.

40.10 Ridge, bears N. and S.

Abrupt descent.

53.00 Hollow, 300 ft. deep, course S.

Abrupt ascent.

Difference between measurement of 80.00 chs. by two sets of chainmen is 12 lks., position of middle point

By 1st. set, 80.06 chs.,

By 2nd. set, 79.94 chs., the mean of which is

80.00 Set a lava stone, 12x12x6 ins., 8 ins. in the ground, for standard cor. of secs. 33 and 34, marked S C on N., with 3 grooves on E. and W. faces, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Pits impracticable.

Land, mountainous.

Soil, rocky, 3rd. and 4th. rate.

No timber.

Mountainous land on 80.00 chs.

October 23: At this cor. I set off 11° 17' S. on decl. arc, and at 11h. 45m., a.m., 1.m.t., observe the sun on the meridian, the resulting lat. is 36° 48' N.

East, on S. bdy. of sec. 34.

Ascend abruptly over rocky and mountainous land.

25.10 Rocky ridge, bears N. and S.

Abrupt descent.

Difference between measurement of 40.00 chs. by two sets