

Chains

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Horizontal angle (from reference to right to sun) =

81° 26' 30"

Observation 2.

At 8 h. 50 m., A. M., l.m.t.

Observed vertical angle = 44° 59' 30"

Horizontal angle (from reference to right to sun) =

82° 08' 30".

From these observations I calculate the bearing of

Cor. No. 6 of H. E. S. No. 71 (Survey accepted),

as (1) N. 18° 18' 34" E., and (2) N. 18° 18' 54" E.

The mean of these is N. 18° 18' 44" E., and to the

corresponding meridian all courses of this survey

are referred.

Mean Magnetic Declination = 19° 00' E.

RETRACEMENT

Beginning at Cor. No. 1 of H. E. S. No. 225 (Survey

unapproved), identical with Cor. No. 15 of H. E. S.

No. 71 (Survey accepted), which is a blue lime

stone, firmly set, 8 x 4 ins., showing 10 ins.

above ground, mkd. 5-HES-71 on the NE. face and

a cross (x) on the top, and witnessed by pits and

mound of earth, alongside of which to the W. is

set an iron post 3 ft. long, 2 ins. in dia.,

equipped with a brass cap, showing 10 ins. above

ground, mkd. 1-HES-225 in the northwest quadrant

and witnessed by pits and a mound of earth.

Cor. No. 2 of H. E. S. No. 225 (Survey unapproved) being

in sight, I run

Thence

Observed vertical N. 66° 49' W.