

Chains

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Horizontal Angle (from reference to right to sun) = $96^{\circ} 45'$

Observation 2

May 1, 1918: At the same station, I observe the
altitude of the sun for azimuth.
Latitude and longitude previously stated.

At 8 h. 12 m., A. M., apparent time.

Observed Vertical Angle = $35^{\circ} 46'$

Horizontal Angle (from reference to right to sun) =

$97^{\circ} 38'$

From these observations I calculate the bearing of a
reference stake, firmly set, centered with a tack,
as (1) N. $2^{\circ} 48' 41''$ E., and (2) N. $2^{\circ} 48' 23''$ E.
The mean of these two observations is N. $2^{\circ} 48' 32''$ E.,
and to the corresponding meridian all courses of
this survey are referred.

Mean Magnetic Declination = $18^{\circ} 15'$ E.

BEGINNING AT COR. NO. 1 of this survey, identical with
Cor. No. 10 of the listing survey, which is a
granite stone, firmly set, mkd. and witnessed as
described by the Surveyor General, in place of which
I set a granite stone, 24 x 10 x 8 ins., 14 ins.
in the ground, over broken glass for Cor. No. 1
of this survey; mkd. 1-HES-199 on the side facing
the claim and a cross (x) on the top. No bearings
therefore dig pits, 24 x 24 x 12 ins., crosswise
on line N. $38^{\circ} 33'$ E. and S. $14^{\circ} 42'$ E., 7 ft.
dist., and raise a mound of earth, 4 ft. base,
2 ft. high, $3\frac{1}{2}$ ft. dist., within the claim.
I destroy the witnesses for the listing cor. which were
Not suitable for bearing objects for this survey.
The $\frac{1}{4}$ Cor. between Secs. 18 and 19, T. 19 N., R. 45 E.