

Mineral Survey No. 5054

FEET

This survey was made with a Wild T-2 theodolite No. 179330, with a horizontal circle, 3.70 inches diameter, and a full vertical circle, 3.11 inches diameter, both reading to seconds, utilizing optical verniers. The instrument was in good condition at the time of the survey, and all adjustments were in good order.

Bearings referred to in this record were determined by the average of two horizontal angle measurements, one with the telescope in the direct position, and one with the telescope in the reverse position. These angles were referred to the meridian by the following observations:

February 14, 1992, at Cor. No. 1 of the EASTERDAY lode, at latitude $38^{\circ}55'27''$ N., and longitude $119^{\circ}36'39''$ W., NAD 27, elevation approximately 5480 ft. above sea level, and temperature 35° F., made a series of eight observations on the sun for azimuth at approximately equal time intervals, four each with the telescope in the direct and reversed position, observing the horizontal angle right from Cor. No. 2 of the EASTERDAY lode and the zenith angle to the center of the sun.

Mean time of observation
(120th meridian P.S.T.) = 10:30:30.9 A.M.

Declination of the sun at
mean time of observation = $13^{\circ}04'50.1''$ S.

Mean observed zenith angle to
the sun's center = $51^{\circ}04'47.3''$

Mean horizontal angle right
from Cor. No. 2 of the
EASTERDAY lode to the
sun's center = $65^{\circ}17'04.9''$

True bearing to Cor. No. 2
of the EASTERDAY lode = N. $84^{\circ}44'57''$ E.

All lines and connections of this survey were run by direct methods except as noted.

The magnetic declination observed at each corner gave a uniform value of 17° E.

Mineral Survey No. 5054

ROSIE # 1 LODE

At Cor. No. 1 of the ROSIE # 1 lode, on line 3-4 of the EASTERDAY No. 1 lode of this survey.

Set an iron pipe, 24 ins. long, $1\frac{1}{4}$ ins. diam., 15 ins. in the ground, surrounded by a mound of stone and earth, with a 2 in. diam. brass cap mkd. C1 R1 ED1 MS 5054; from which:

The original location post bears EAST, 5.0 ft. dist.