

EXPLANATION

SEISMIC NETWORK

- Basic seismometer station
- Supplementary station
- Central recording station and filmster

HYPOCENTER LOCATIONS

Magnitude (Richter)

2.0-3.0 1.6-2.0 1.0-1.5

FIRST MONTH SECOND MONTH THIRD MONTH

Pie segment indicates range of focal depth, above or below sea level, in thousands of feet

Ring segment indicates first or second half of month

Magnetic tape solution

MINES

- Haulageways and bleeders
- Mine portals
- (1) Mixed-out area or coal
- (2) Coal mined this quarter

GEOLOGY

- Fault of surface
- Fault of mine level

NOTE: U, upthrown side, D, downthrown side. Divergence between faults of mine level and faults of surface due to relief and moderate dip of fault plane.

Base from U.S. Geological Survey Sunnyside (1915 reprinted 1948), Roadside (1948), Range Creek (1954), and Flat Canyon (1954) quadrangles, 1:62,500

United States Steel Corp. reference grid (in thousands of feet)

Haulageways and bleeders of the mine workings shown compiled from Kaiser Steel Corp., United States Steel Corp., and Book Cliffs Coal Co. mine maps

Geology compiled from maps of the Sunnyside district (Osterwald, 1961), Columbia mine area (Osterwald, Darrud and Maherry, in press), and Geneva mine area (C. R. Darrud and B. W. Barnes, 1963-65).

(200)
R29c
no. 1165

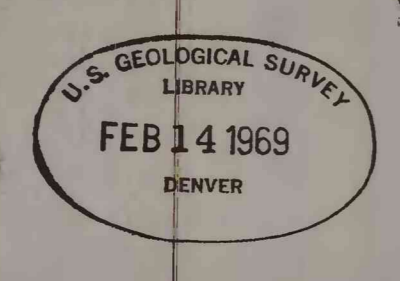
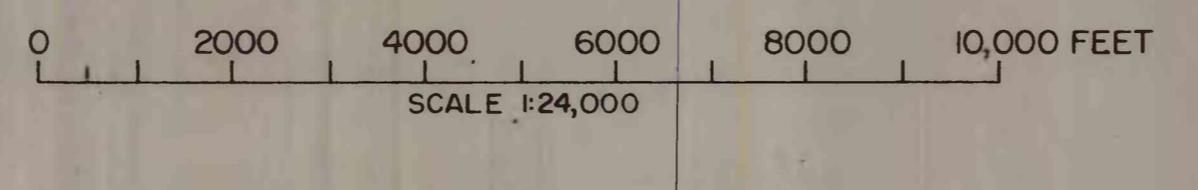


Figure 6.-- Map of the Sunnyside Mining District, Utah, showing topography, faults, coal outcrops, major mine workings, and tremor hypocenters (map position and focal depths) for the period October through December 1967



APPROXIMATE MEAN DECLINATION, 1969

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME