



MINERAL RESOURCE POTENTIAL MAP OF THE HOOVER WILDERNESS AND ADJACENT ROADLESS AREAS, CENTRAL SIERRA NEVADA, CALIFORNIA

By
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EXPLANATION

AREA OF GEOLOGICAL ANALYSIS

A1 Probably stratification-related stream sediment
A2 Probably stratification-related homogeneous heavy-metal concentrations (Cu, Ni, Pb, Zn, Mo, Ba)
A3 Probably stratification-related stream sediment
A4 Probably stratification-related homogeneous heavy-metal concentrations (Cu, Ni, Pb, Zn, Mo, Ba, K)
A5 Hydrothermal alteration related (See A4)

AREA WITH MINERAL RESOURCE POTENTIAL FOR GOLD (Au), SILVER (Ag), COPPER (Cu), AND URBANIUM (U)—Potential is ranked I, favorably II, moderately favorable or uncertain III, low or uncertain IV

EXPLANATION

1. Spherulitic
2. Precipitate
3. Matrix
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EXPLANATION

SPICES RELATED TO WILDERNESS

The Wilderness Act (Public Law 96-487, September 3, 1980) and related acts have established the Hoover Wilderness and adjacent roadless areas in central Sierra Nevada, California. The Wilderness Act requires that the Secretary of the Interior determine the mineral resource potential of the Hoover Wilderness and adjacent roadless areas. This report presents the results of a mineral resource potential study of the Hoover Wilderness and adjacent roadless areas in central Sierra Nevada, California. The study was conducted by the U.S. Geological Survey, and the results are presented in this report. The study area is located in central Sierra Nevada, California, and is bounded by the Hoover Wilderness and adjacent roadless areas. The study area is divided into several units, and the mineral resource potential of each unit is determined. The results of the study are presented in this report, and are summarized in the following table.

EXPLANATION

INDEX TO 15-MINUTE QUADRANGLES IN VICINITY OF HOOVER WILDERNESS

Figure 1 shows the 15-minute quadrangles in the vicinity of the Hoover Wilderness and adjacent roadless areas. The Hoover Wilderness is located in central Sierra Nevada, California, and is bounded by the Hoover Wilderness and adjacent roadless areas. The study area is divided into several units, and the mineral resource potential of each unit is determined. The results of the study are presented in this report, and are summarized in the following table.

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