

Table 1.--Known mines and prospects in the Medra quadrangle

Table with columns: Map No., Field No., Location (Township & Range), Development Category, Resource(s), Deposit Type, Form, Description, and References. Lists various mines and prospects in the Medra quadrangle, including their locations and geological details.

1. If deposits do not have a proper name, but are near named geographical features, the name of that feature is shown in parentheses.
2. Symbols used:
P = Prospect
A = Active prospect, probable production activity after 1967
I = Inactive prospect, no reported production activity after 1967
M = Mine
N = Active mine, development or production since 1967 on claim with previous production
N = Inactive mine, no known activity since 1967
3. Standard chemical symbols used for metallic resource commodities. In addition, the following symbols have been used: PA - Fissionable materials other than uranium; RE - mineral (other than uranium) that contains rare earth elements (i.e., floor constituents of potential) byproducts indicated by parentheses.
4. Most references cited were compiled in Cobb (1978). Map locations are from Cobb (1972), U.S. Bureau of Mines (1976), and U.S. Bureau of Mines (1980).

Table 2.--Description of occurrences of sulfides and other indicators of mineralization in the Medra quadrangle

Table with columns: Map No., Field No., Location (Township & Range), Identified Mineralization, and Description. Provides detailed descriptions of sulfide and other mineralization indicators found in the Medra quadrangle.

Table 2.--Description of occurrences of sulfides and other indicators of mineralization in the Medra quadrangle--Continued

Continuation of Table 2, providing further details on sulfide and mineralization occurrences in the Medra quadrangle.

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Table 3.--Geochemical data for mineral occurrences listed in Table 2--Continued

Table with columns: Map No., Field No., Location (Township & Range), Mineralization, and Description. Contains geochemical data for mineral occurrences, including concentrations of various elements.

Table 4.--Bedrock samples containing geochemical anomalies but no visible mineralization

Table with columns: Map No., Field No., Location (Township & Range), Anomalous geochemical values (ppm), and Rock Description. Lists bedrock samples with geochemical anomalies but no visible mineralization.

Abbreviations used: Standard chemical symbols, Ag-silver, Au-gold, etc.; not detected at limit of detection; L, detected, but below limit of determination; G, greater than analytical method; A, atomic absorption environmental analysis method; C, colorimetric analysis method; SEM, delayed neutron analysis method; Sp, semiquantitative spectrographic analysis method.
1. Signifies no chemical analysis made for the indicated element.
2. Tounalines included for their association with mineral areas in this quadrangle.
3. Semiquantitative spectrographic analysis used for all elements except Au - atomic absorption analysis (AA); Cu, Sb, Zn - atomic absorption analysis (AA); Hg - instrumental analysis (IA); Ba - atomic absorption analysis (AA); Pb - colorimetric analysis (CA); U - delayed neutron analysis method (DN). All values in parts per million.
4. Lower limits of determination for each element are shown in parentheses. Other elements not shown: As (Ca)-10, Bi-10, Ba-20, Be-1, B-10, Cd-10, Cr-10, Fe-10, Hg-10, Ni-5, Pb-10, Rb-10, Sr-10, Th-10, U-10.
5. The definition of anomalous values has been arbitrarily made according to background geochemical data obtained in the Medra quadrangle for individual rock types, and data from Parker (1967) on abundance of elements in the Earth's crust.

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EXPLANATORY NOTE

This map and accompanying tables provide information on the known mineral occurrences of the Medra Quadrangle. The term "mineral occurrence" is used in the broad sense to include lode and placer mines and prospects as well as unclaimed occurrences, regardless of economic significance. Localities of rock samples with geochemical anomalies have also been included. The definition of anomalous values has been arbitrarily made according to background geochemical data obtained in the Medra quadrangle for individual rock types, and data from Parker (1967) on abundance of elements in the Earth's crust.