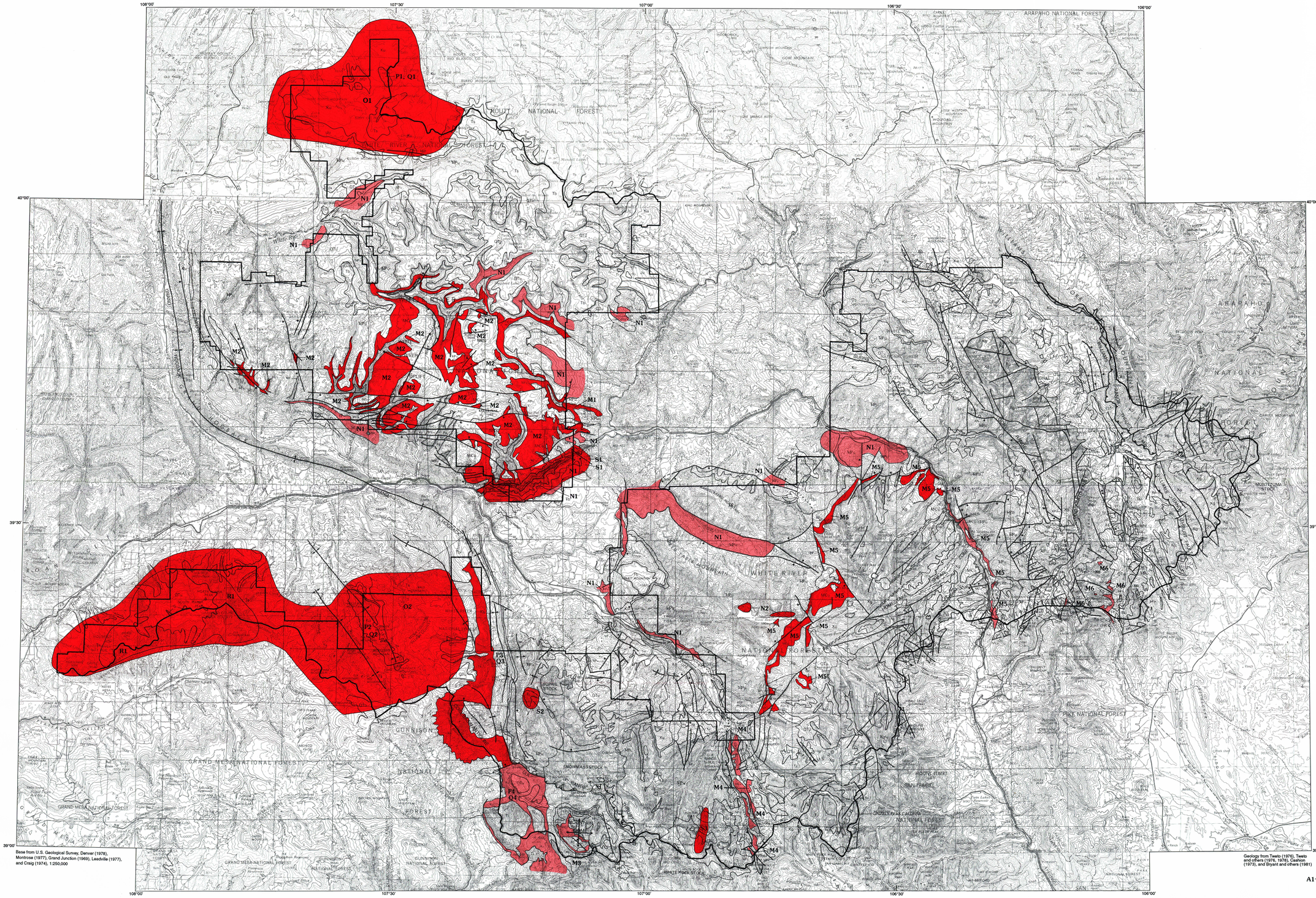

Base from U.S. Geological Survey, Denver (1978), Montrose (1977), Grand Junction (1969), Leadville (1977), and Craig (1974), 1:250,000

Geology from Tweto (1976), Tweto and others (1976, 1978), Cashion (1973), and Bryant and others (1981)

APPROXIMATE MEAN DECLINATION, 1975

SCALE 1:250 000

5 0 5 10 MILES

5 0 5 10 KILOMETERS

CONTOUR INTERVAL 200 FEET
DATUM IS MEAN SEA LEVEL

COLORADO

Table 2. Description of areas of mineral resource potential for locatable and leasable resources in the White River National Forest and Dillon Ranger District of the Arapaho National Forest, Colorado.

[Map areas are shown on figures 17–47 and plates 1–2. The resource potential column shows both resource potential and level of certainty; both are explained in Appendix 2. Deposit sizes are listed in Appendix 3. Size and type of deposit not listed for gas, coal, coalbed methane, or oil-shale deposits or for hot- and warm-water springs. "Do." indicates that the size and type of deposit is the same as the one above it]

Map area	Resource potential	Commodities (byproducts or trace metals)	Size, type of deposit
A1	M/C	Mo	Small, stockworks
A2	H/C	Mo, (Au, Ag, Sn, W)	Do.
A3	H/D	Mo, Cu, (Ag, Au, Bi, Pb, W)	Do.
A4	M/C	Mo, Cu, (Ag, Bi, Pb, Sn, W)	Do.
A5	M/C	Mo	Do.
B1	M/C	Cu, Mo	Small, stockworks
B2	H/C	Cu, Mo	Do.
B3	M/B	Cu, Mo	Do.
B4	H/D	Cu, Mo, (Ag, Pb, Zn)	Do.
C1	L/B	Cu, Fe, Mn, Pb, Zn, W	Small, contact skarn
C2	H/D, L/C	Cu, Mo, Fe	Medium, contact skarn
C3	M/C	Cu, Mo, W	Small, contact skarn
C4	M/C	Cu, Au	Do.
C5	L/C	Cu, Pb, Zn	Do.
D1	L/C	Ag, Cu, Mn, Pb, Zn	Small, replacement
D2	M/C	Ag, Cu, Pb	Do.
D3	H/D, M/C	Ag, Au, Cu, Pb, Zn	Do.
D4	H/D, M/C	Ag, Au, Cu, Pb, Zn	Large, replacement
D5	H/D	Ag, Au, Cu, Pb, Zn	Do.
D6	H/D	Ag, Au, Cu, Pb, Zn	Small, replacement
E1	H/D, M/C	Ag, Zn, Pb, (Cu)	Small, stratabound
F1	H/D	Au	Small, veins
F2	H/D	Ag, Au, Zn, Pb, Cu	Do.
F3	H/D	Ag, Au, Zn, Pb, Cu	Medium, veins
F4	M/C	Ag, Au, Zn, Pb, Cu	Small, veins
F5	H/D	Ag, Au, Zn, Pb, Cu	Large, veins
F6	H/D	Au, Ag, Cu, Pb	Medium, veins
F7	H/D	Au, Ag, Cu, Pb, Zn	Small, veins
F8	H/D	Ag, Au, Mn, Fe, Zn	Medium, veins
F9	H/D	Ag, Au, Cu, Pb, Zn	Small, veins
F10	M/C	Ag, Au, Cu, Pb, Zn	Do.
F11	H/D	Ag, Au, Cu, Pb, Zn	Do.
F12	H/D, M/C	Ag, Au, Cu, Pb, Zn	Do.
F13	H/D	Ag, Au, Cu, Pb, Zn	Large, veins
F14	H/D	Ag, Au, Cu, Pb, Zn	Medium, veins
F15	H/D	Ag, Au, Cu, Pb, Zn	Small, veins
G1	H/C	U	Small, veins
G2	M/B	U	Do.
G3	L/B	U	Do.
G4	M/B	U	Do.
H1	M/C	W, (Au)	Small, veins
H2	M/C	W, (Zn, Pb, Cu, Ag, Au)	Do.
I1	H/D	Cu, Ag	Small, stratabound
I2	H/C	Cu, Ag, (U, V)	Do.
J1	H/D	U, V	Medium, stratabound
J2	L/C	U, V	Small
J3	H/D	U, V	Do.
J4	H/D	U, V	Do.
K1	M/C	Au	Small, placer
K2	L/C	Au	Do.
K3	M/C	Au	Do.
K4	L/B	Au	Do.
K5	M/C	Au	Do.
K6	M/C	Au	Do.
K7	H/D	Au, (Ag)	Medium, placer
K8	M/C	Au	Small, placer
L1	U/A	Au, Ag, Cu, Pb, Zn	Small, syngenetic, stratiform
L2	L/C	Au, Ag, Cu, Pb, Zn	Do.
L3	L/C	Au, Ag, Cu, Pb, Zn	Do.
L4	L/C	Au, Ag, Cu, Pb, Zn	Do.
L5	U/A	Au, Ag, Cu, Pb, Zn	Do.
L6	U/A	Au, Ag, Cu, Pb, Zn	Do.
M1	H/C	High-calcium limestone	Medium, bedded sedimentary
M2	H/D	High-calcium limestone	Do.
M3	M/C	High-calcium limestone	Do.
M4	M/C	High-calcium limestone	Do.
M5	H/C, M/C	High-calcium limestone	Do.
M6	M/B	High-calcium limestone	Do.
N1	M/B	Gypsum	Small, bedded sedimentary
N2	H/D	Gypsum	Do.
O1	H/D	Gas	
O2	H/D	Gas	
P1	M/C	Coal	
P2	M/C	Coal	
P3	H/D	Coal	
P4	M/B	Coal	
Q1	M/C	Coalbed methane	
Q2	M/C	Coalbed methane	
Q3	H/D	Coalbed methane	
Q4	M/B	Coalbed methane	
R1	M/C	Oil shale	
S1	H/D	Hot- and warm-water springs	
S2	H/D	Hot- and warm-water springs	
S3	H/D	Hot- and warm-water springs	

EXPLANATION

Areas having mineral resource potential—Areas are labeled by letter and number corresponding to entries in the accompanying table. The map must be used together with table to correctly interpret the potential of overlapping areas. Where two or more overlapping areas have different levels of potential, the overlapping area is colored to show the highest potential determined.

A1 C1 A2

Geologic terrane having high mineral resource potential

Geologic terrane having moderate mineral resource potential

SEE PLATE 1 FOR CORRELATION AND DESCRIPTION OF MAP UNITS

MINERAL RESOURCE POTENTIAL MAP FOR LOCATABLE INDUSTRIAL MINERALS AND LEASABLE COMMODITIES IN THE WHITE RIVER NATIONAL FOREST AND DILLON RANGER DISTRICT OF THE ARAPAHO NATIONAL FOREST AND ADJACENT AREAS, COLORADO