

**EXPLANATION**

NON-FEDERAL COAL LAND - Land for which the Federal Government does not own the coal rights.

AREA OF COAL LEASE ON FEDERAL LAND - Showing coal lease number.

ISOPACH - Showing thickness of coal, in feet. Arrow points toward area where coal bed is 5 feet or more thick.

UGM[33] - Upper Coal Group, zone M, coal bed [33]

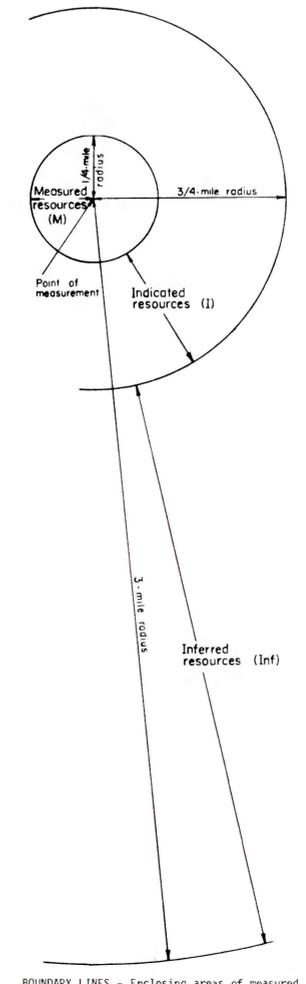
TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Short dashed where projected by present authors.

TRACE OF FAULT - Bar and ball on down-thrown side. Dashed where inferred by present authors.

STRIPPING-LIMIT LINE - Boundary for surface mining (in this quadrangle, the 200-foot-overburden isopach). Arrow points toward the area suitable for surface mining where the recovery factor is 85 percent, and away from the area suitable for subsurface mining (down dip to the 3,000-foot-overburden isopach) where the recovery factor is 50 percent.

| RB   | R(85%) | RB   | R(50%) |
|------|--------|------|--------|
| 0.13 | 0.11   | 0.18 | 0.09   |
| 4.55 | 3.07   | 2.53 | 1.26   |
| 1.91 | 1.62   | 1.65 | 0.82   |

Indicated resources (I)  
Inferred resources (Inf)



Base from U.S. Geological Survey, 1971

SCALE 1:24,000

1 MILE  
0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 KILOMETER

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

1° 35' 28" MILS  
14° 1' 28" MILS

COLORADO  
QUADRANGLE LOCATION

Compiled in 1979

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

**COAL RESOURCE OCCURRENCE MAP OF THE BREEZE MOUNTAIN QUADRANGLE,  
ROUTT AND MOFFAT COUNTIES, COLORADO**  
BY  
**DAMES & MOORE**  
1979