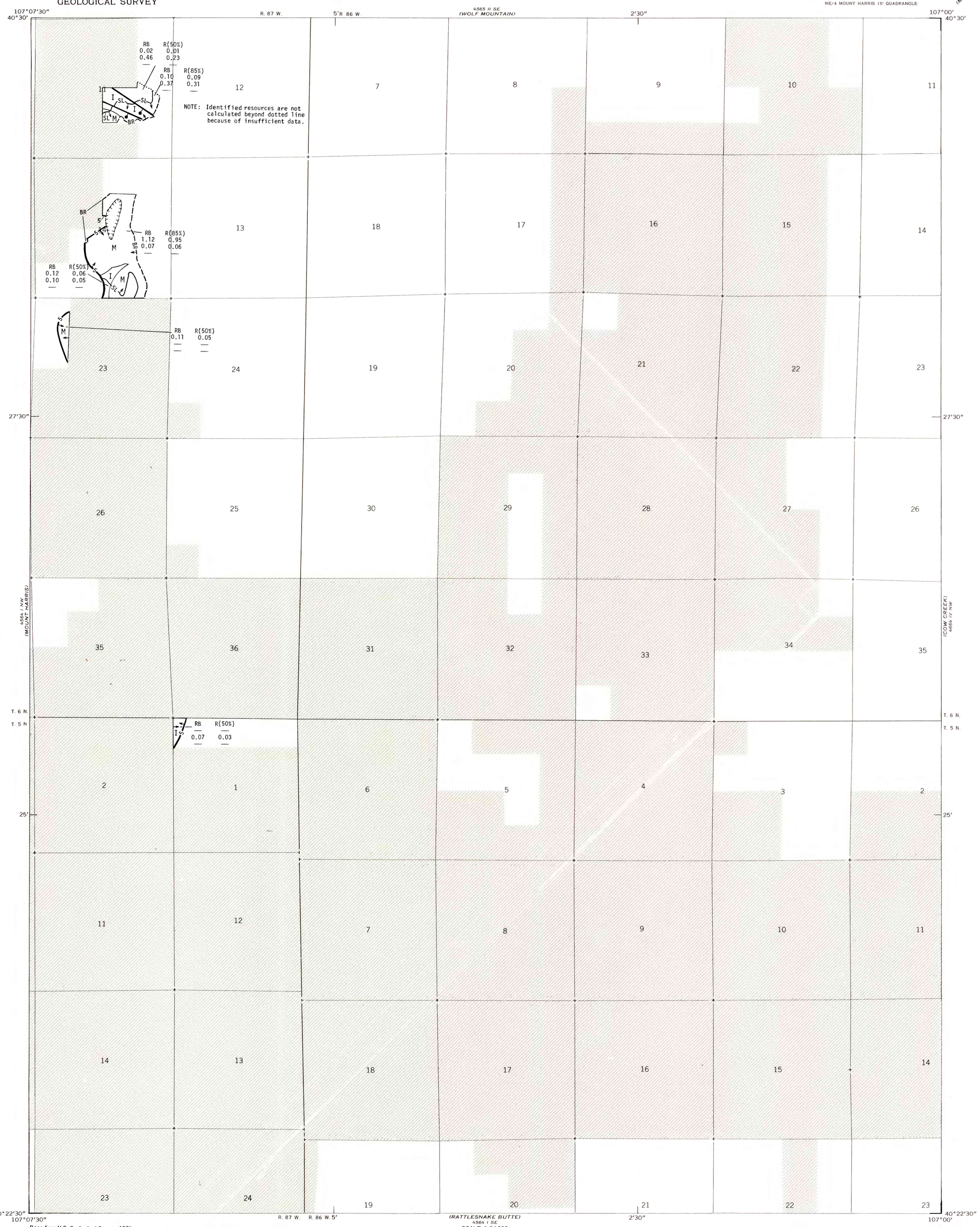
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MILNER QUADRANGLE
COLORADO—ROUTT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 MOUNT HARRIS 15' QUADRANGLE

OPEN FILE REPORT 79-815

PLATE 7 OF 17

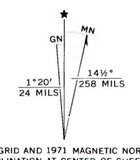


Base from U.S. Geological Survey, 1971

Compiled in 1977/1978

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER



UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

EXPLANATION

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

5

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

BR - Bear River

COAL BED SYMBOL AND NAME

BR

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

SL

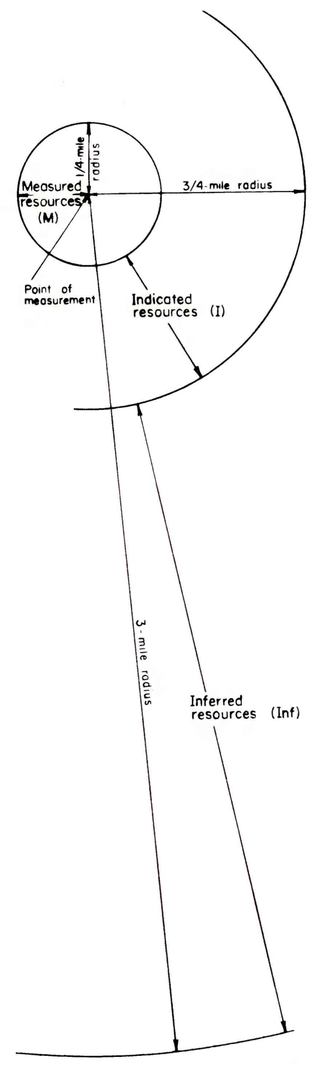
STRIPPING-LIMIT LINE - Boundary for surface mining (in this quadrangle, the 200-foot-overburden isopach). Arrow points toward the area suitable for surface mining where the recovery factor is 85 percent, and away from the area suitable for subsurface mining (down dip to the 3,000-foot-overburden isopach)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

TRACE OF FAULT - Bar and ball on down-thrown side.

COAL STRIP MINE - Hachures point toward mined area.

RB	R(85%)	RB	R(50%)	
1.12	0.95	0.12	0.06	(Measured)
0.07	0.06	0.10	0.05	(Indicated)
—	—	—	—	(Inferred)

IDENTIFIED COAL RESOURCES - Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part of section of non-leased Federal coal land, both within and beyond the stripping-limit line. Reserve (R) tonnage is calculated by multiplying the Reserve Base (RB) tonnage by the appropriate recovery factor. Dash indicates no resource in that category.



BOUNDARY LINES - Enclosing areas of measured (M), indicated (I), and inferred (Inf) coal resources.

To convert feet to meters, multiply feet by 0.3048.

To convert short tons to metric tons, multiply short tons by 0.9072.

To convert miles to kilometers, multiply miles by 1.6093.

COAL RESOURCE OCCURRENCE MAP OF THE MILNER QUADRANGLE, ROUTT COUNTY, COLORADO

BY

DAMES & MOORE

1979

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

PLATE 7

AREAL DISTRIBUTION AND IDENTIFIED RESOURCES MAP OF THE BEAR RIVER COAL BED