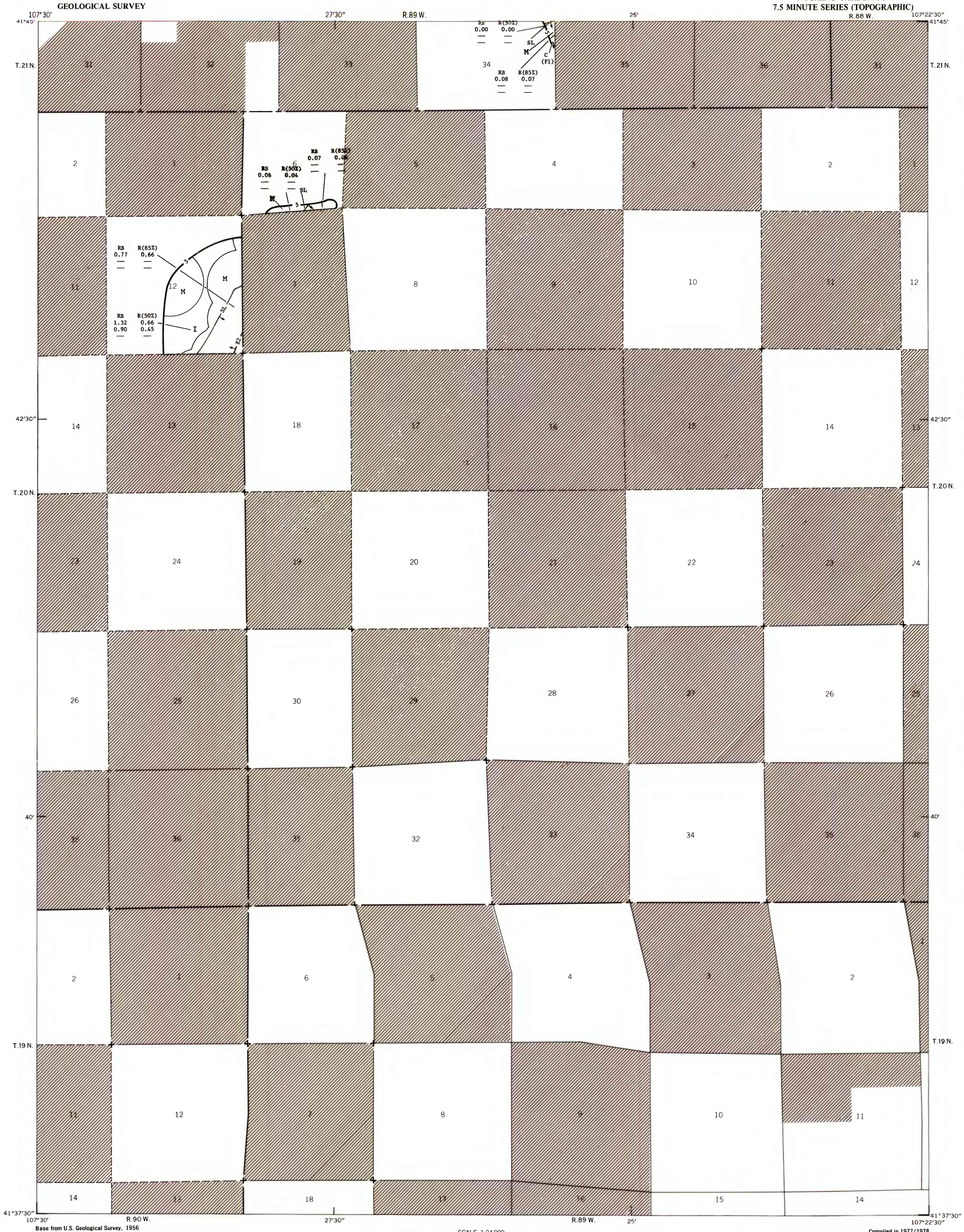


Base from U.S. Geological Survey, 1956

Compiled in 1977/1978

SCALE 1:24 000

1 MILE

7000 FEET

1 KILOMETER

APPROXIMATE MEAN DECLINATION, 1956

TRUE NORTH

MAGNETIC NORTH

15°

WYOMING

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.

E2 - E2 of Lower Fort Union Coal Zone

F1 - F1 of Lower Fort Union Coal Zone

COAL BED SYMBOLS AND NAMES

E2

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area.

C

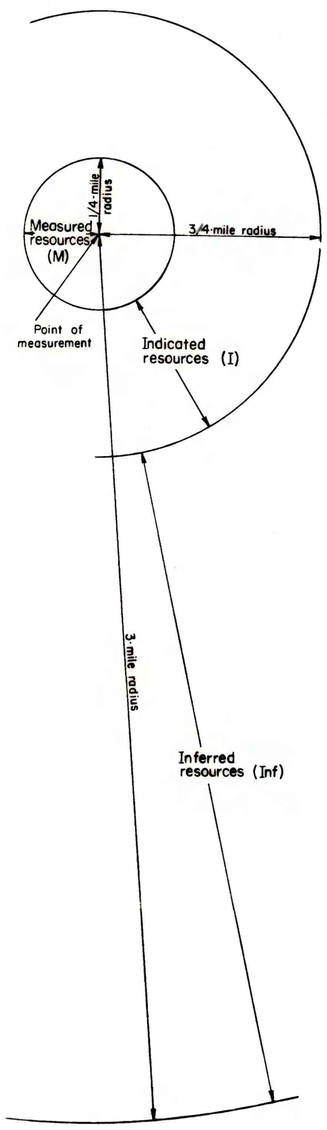
INFERRED LIMIT OF BURNED AND CLINKERED COAL - Arrow points toward area of baked and fused rock.

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.

RB	R(85%)	RB	R(50%)	
0.77	0.66	1.32	0.66	(Measured)
—	—	0.90	0.45	(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 1.609.

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

COAL RESOURCE OCCURRENCE MAP OF THE NORTHWEST QUARTER OF THE BRIDGER PASS 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING

BY

DAMES & MOORE

1978

PLATE 23

AREAL DISTRIBUTION AND IDENTIFIED RESOURCES OF THE F1 AND THE E2 COAL BED