

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NORTHEAST BOARS TUSK QUADRANGLE
WYOMING-SWEETWATER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
R.103 W. R.102 W.

PLATE 12 OF 21

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.

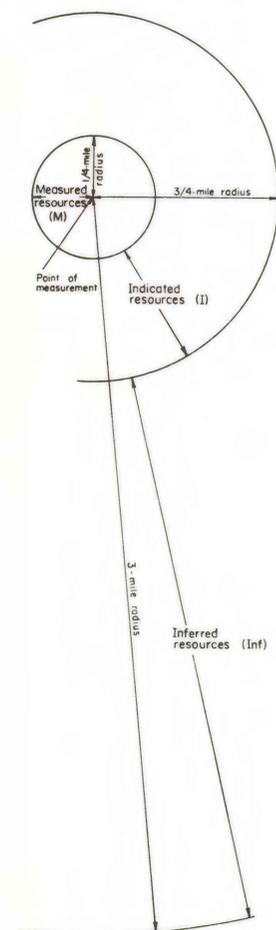
AI-C - C bed of Almond
RS - Rock Springs, undifferentiated

COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

 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%)
—	—	0.16	0.08
0.20	0.17	0.17	0.09
—	—	—	(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.



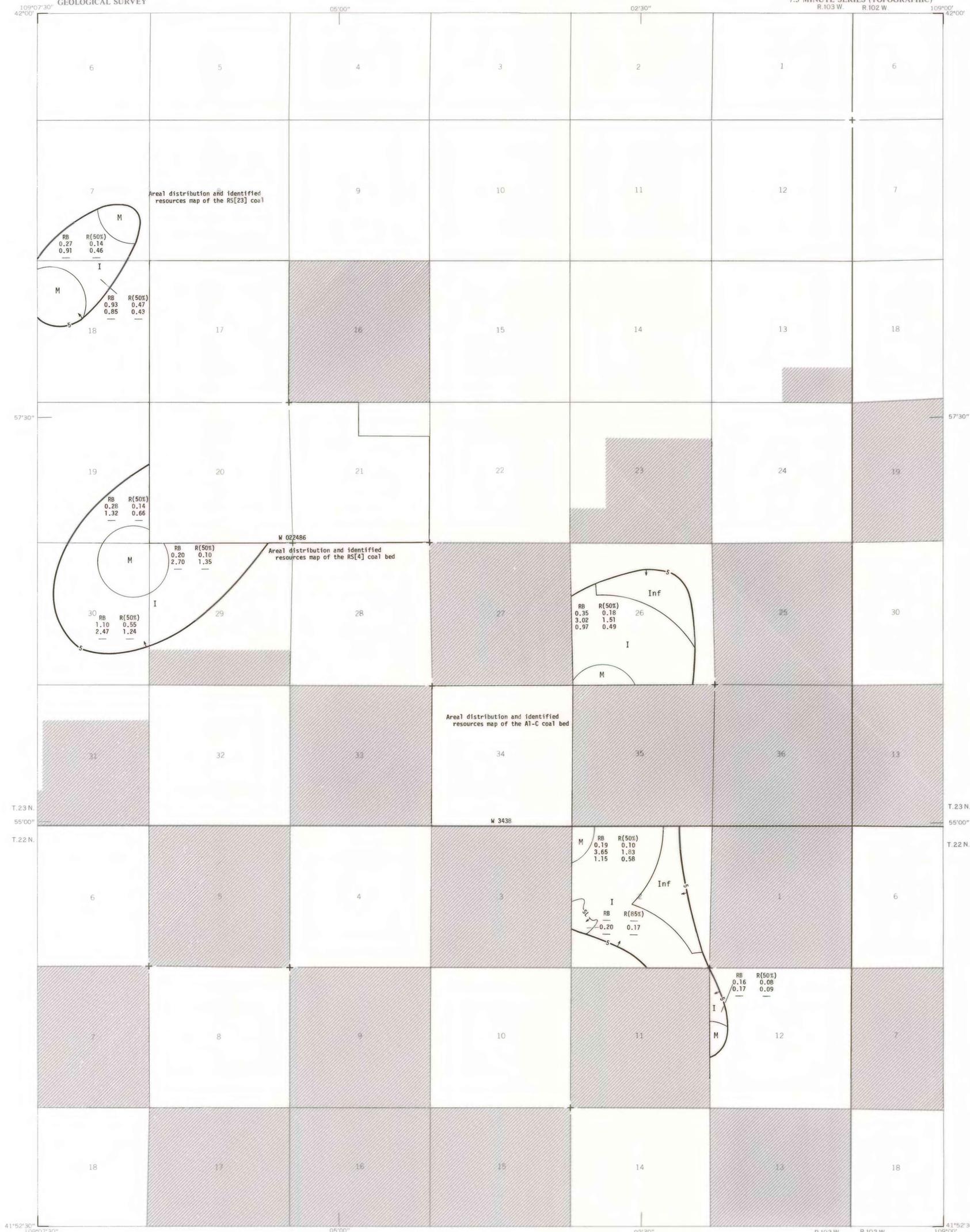
BOUNDARY LINES - Enclosing areas of measured (M), indicated (I), and inferred (Inf) coal resources.

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.

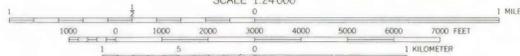
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.



Base from U.S. Geological Survey, 1958

SCALE 1:24,000

Compiled in 1977/1978



**COAL RESOURCE OCCURRENCE MAP OF THE NORTHEAST QUARTER OF THE BOARS TUSK
15-MINUTE QUADRANGLE, SWEETWATER COUNTY, WYOMING**
BY
DAMES & MOORE
1979

PLATE 12
AREAL DISTRIBUTION AND
IDENTIFIED RESOURCES MAPS OF THE
RS[4], RS[23], AND AI-C COAL BEDS