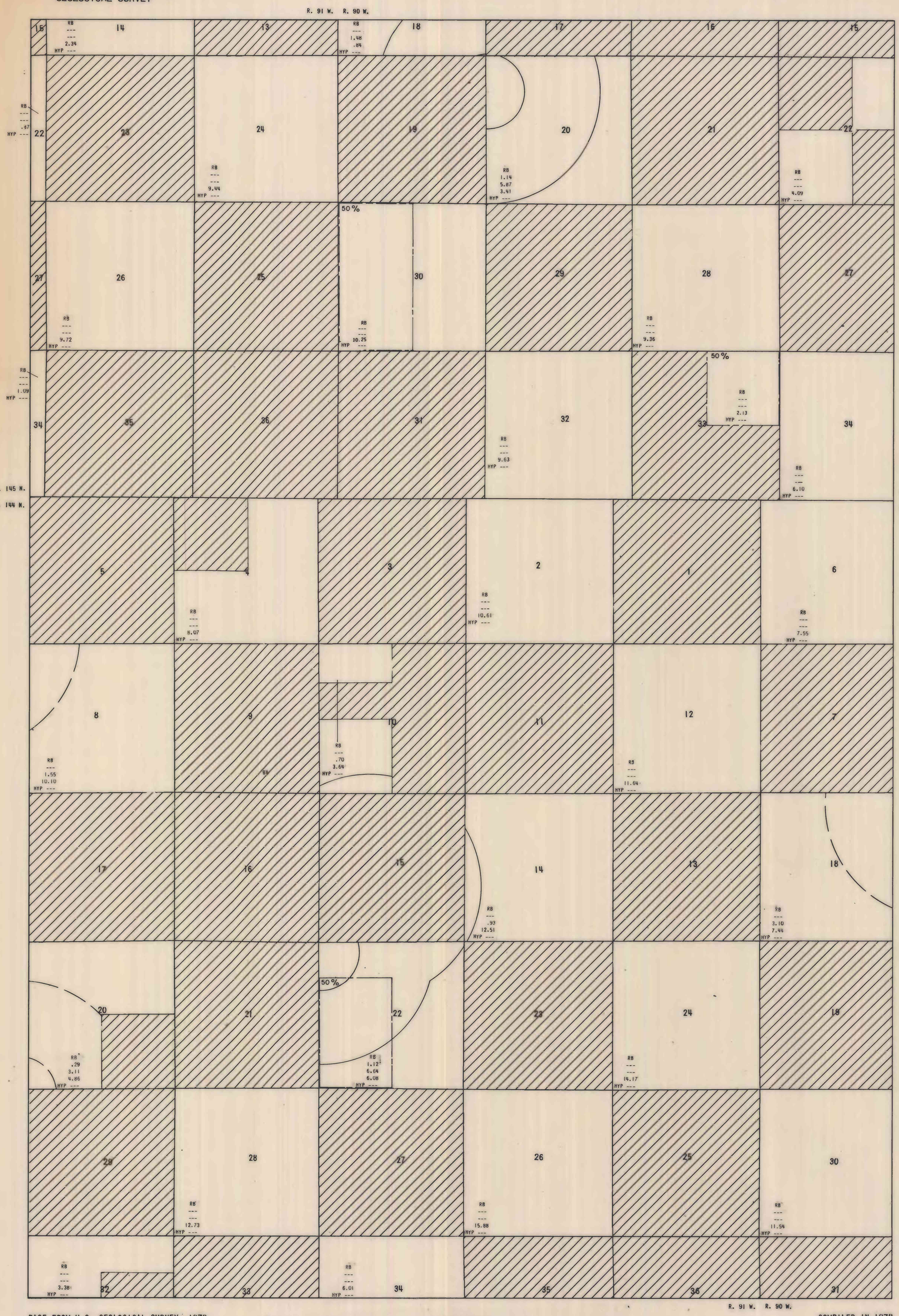
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN FILE REPORT 78-068

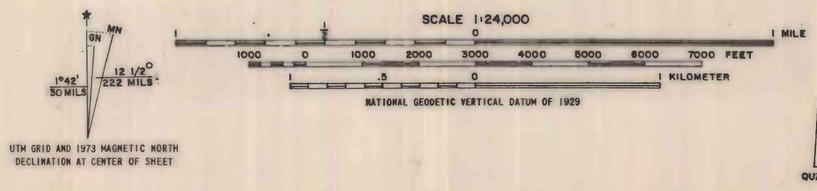
PLATE 11 OF 15

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



BASE FROM U.S. GEOLOGICAL SURVEY, 1970

COMPILED IN 1978



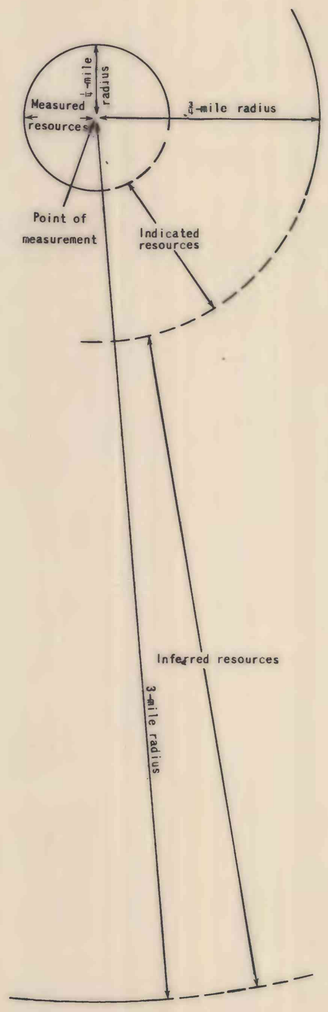
QUADRANGLE LOCATION

EXPLANATION

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

50 %

RESTRICTED FEDERAL COAL RIGHTS--Showing the percentage of Federal Government ownership.



Hypothetical resources

BOUNDARY LINES--Showing areas of measured, indicated, inferred, and hypothetical coal reserves. Dashed where projected from adjacent quadrangles.

RB	R(85%)	
4.8	4.1	(Measured resources)
42.4	36.0	(Indicated resources)
65.5	55.7	(Inferred resources)
HYP 1.3		(Hypothetical resources)

IDENTIFIED AND HYPOTHETICAL COAL RESOURCES—Showing totals for Reserve Base (RB) and, in areas suitable for surface mining, Reserves (R), in millions of short tons by section. Dash indicated no resources in that category. Reserve Base (RB) x Recovery Factor (85%) = Reserves (R).

Recovery factors have not been established for underground development of the coal in this quadrangle. Therefore, Reserves (R) were not calculated in areas where the overburden thickness exceeds 200 feet.

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

To convert feet to meters, multiply feet by 0.3048.

COAL RESOURCE OCCURRENCE MAP OF THE DODGE QUADRANGLE, DUNN AND MERCER COUNTIES, NORTH DAKOTA

BY

WOODWARD-CLYDE CONSULTANTS

1978

PLATE 11

AREAL DISTRIBUTION, IDENTIFIED AND HYPOTHETICAL RESOURCES OF THE HT BUTTE COAL BED