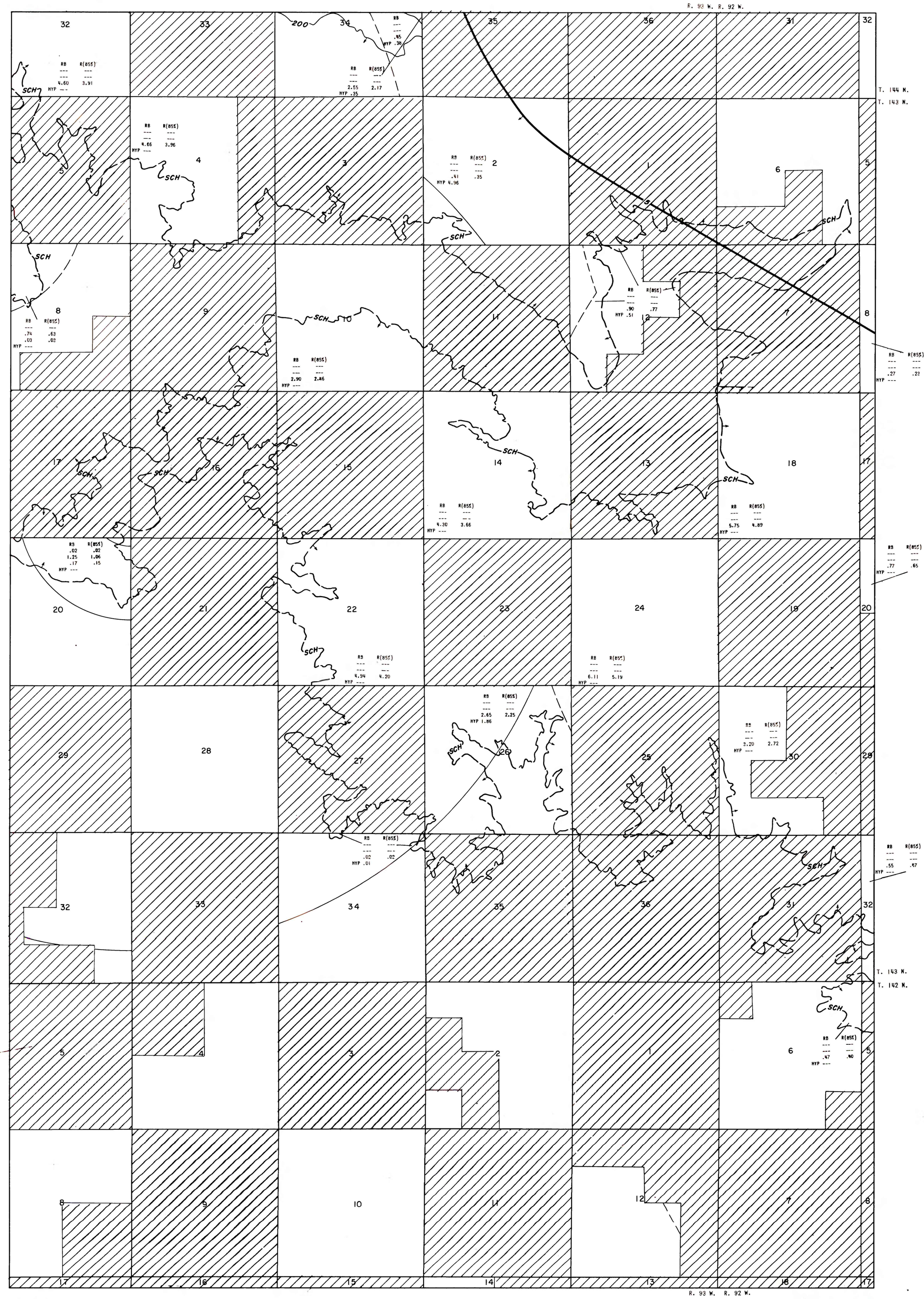
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN FILE REPORT 78-616

PLATE 17 OF 18

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

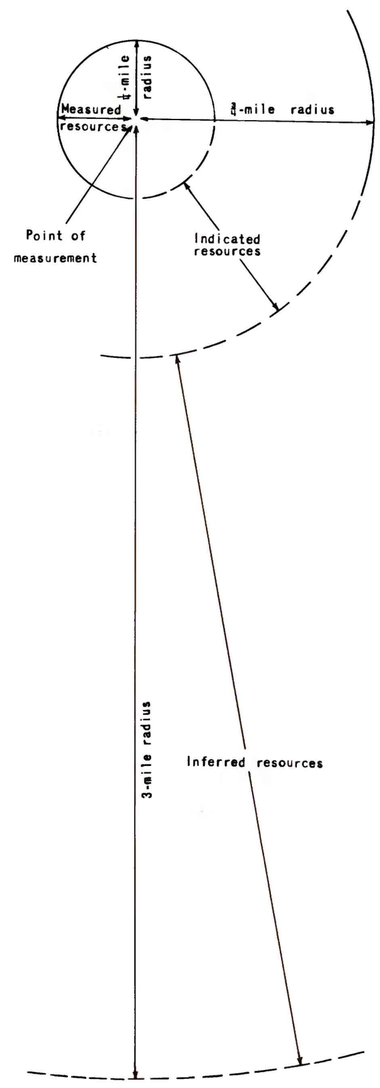
EXPLANATION

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

5 — LIMIT OF RESERVE BASE COAL -- 5 foot coal isopach. Arrow points toward reserve base coal.

200 — 200-FOOT OVERBURDEN ISOPACH--Used as boundary for surface mining. Arrows point toward area suitable for surface mining.

SCH — TRACE OF INFERRED COAL BED OUTCROP--Arrow points toward coal bearing area.



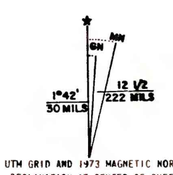
BOUNDARY LINES--Showing areas of measured, indicated, inferred, and hypothetical coal reserves.

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 ar areas where the overburden thickness exceeds 200 feet.

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



UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24,000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE MARSHALL NW QUADRANGLE, DUNN COUNTY, NORTH DAKOTA

BY

WOODWARD-CLYDE CONSULTANTS

1978

PLATE 17

AREAL DISTRIBUTION IDENTIFIED AND HYPOTHETICAL RESOURCES OF THE SCHOOLHOUSE COAL BED