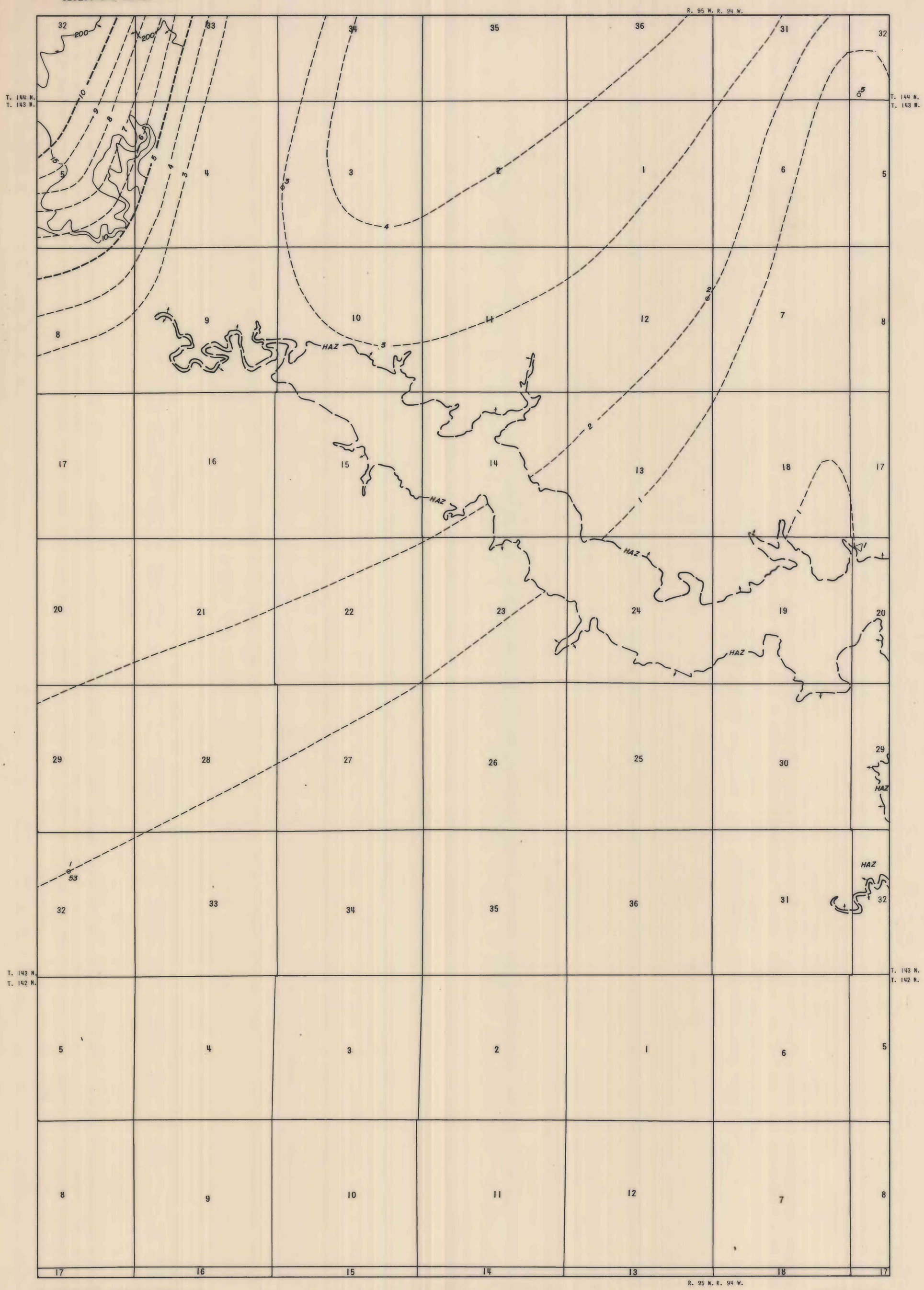
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN FILE REPORT 78-068

PLATE 8 OF 13

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



EXPLANATION

10

9

ISOPACH OF COAL BED--Showing thickness in feet. Isopach interval 1 feet (0.3m).

HAZ 1

MEASURED SECTION--Showing location ( ) and thickness of coal in feet.

HAZ

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

0 1/53

DRILL HOLE--Showing thickness of the coal bed in feet, (upper number). Showing value of mining ratio for the coal bed (lower number).

10

MINING RATIO CONTOUR FOR THE COAL BED--Number indicated cubic yards of overburden per ton of recoverable coal by surface mining methods.

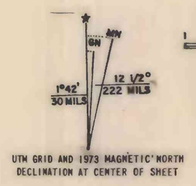
200

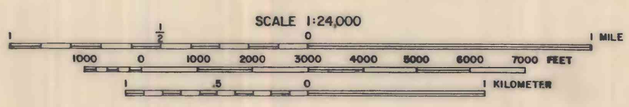
200-FOOT OVERBURDEN ISOPACH--Used as boundary for surface mining. Arrows point toward area suitable for surface mining.

To convert feet to meters, multiply feet by 0.3048.

To convert cubic yards/short ton to cubic meters/metric ton, multiply by 0.842.

BASE FROM U.S. GEOLOGICAL SURVEY, 1970





COMPILED IN 1978

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

BY

WOODWARD-CLYDE CONSULTANTS

1978

PLATE 8

ISOPACH, AND MINING RATIO MAP

OF THE HAZEN COAL BED