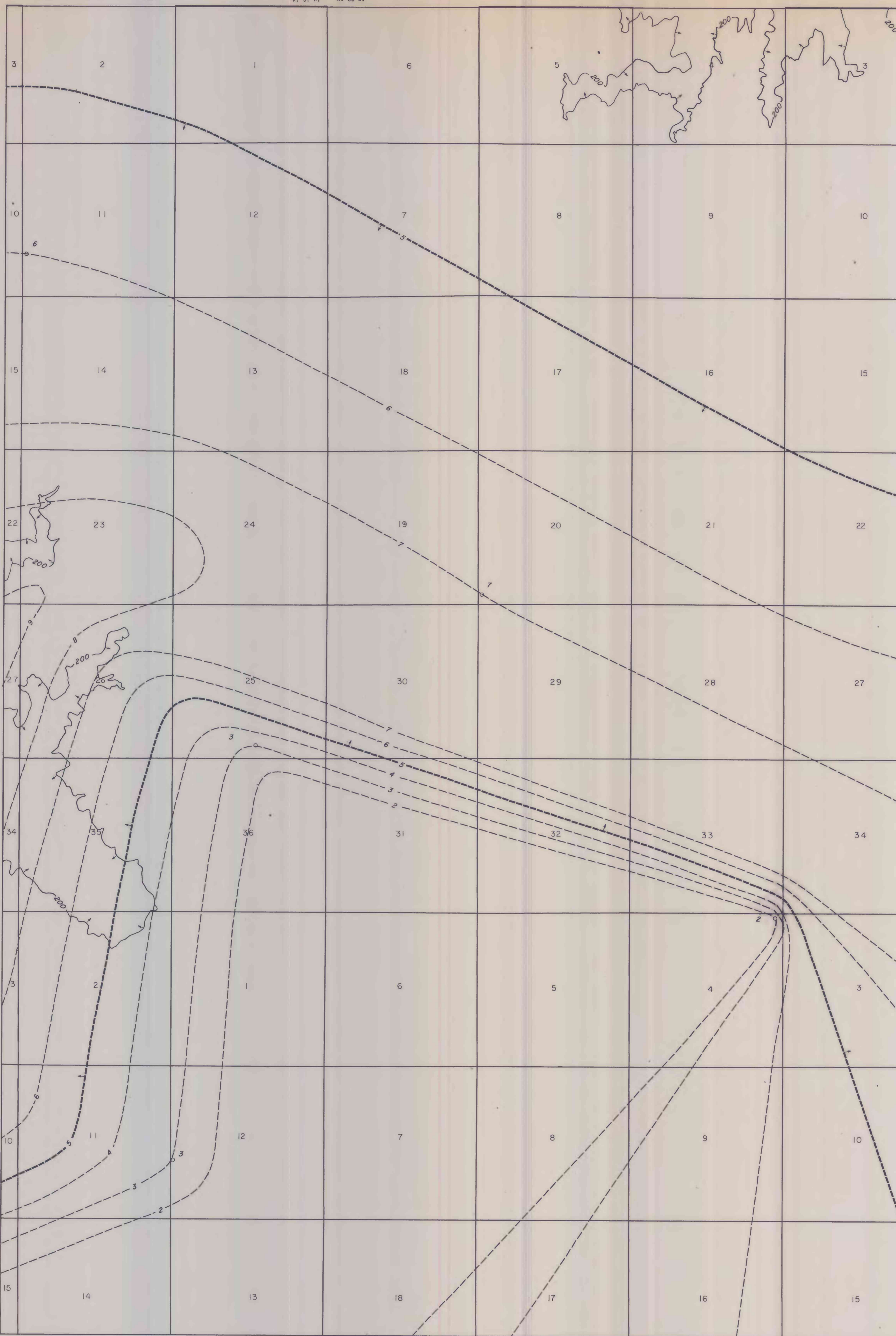


This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.



EXPLANATION

--- 6 ---
--- 5 ---
ISOPACH OF COAL BED--Showing thickness in feet. Isopach interval 1 foot (0.3m). Arrow points toward reserve base coal.

○ 7
DRILL HOLE--Showing thickness of the coal bed in feet.

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

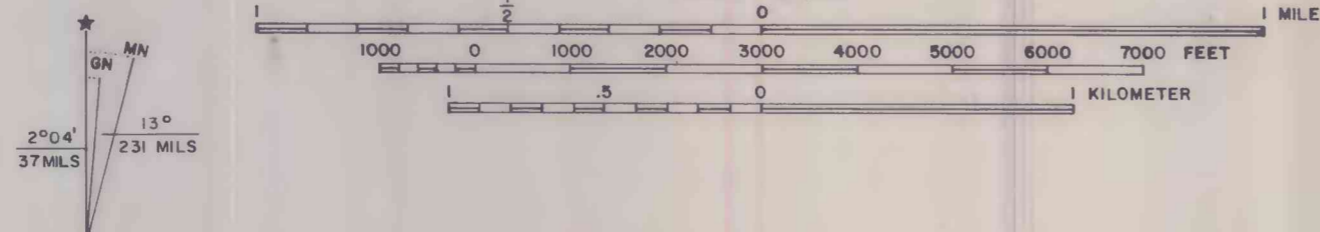
NOTE: Mining ratio contours are not shown in areas suitable for surface mining because mining ratio values are greater than 15.

To convert feet to meters, multiply feet by 0.3048.

BASE FROM U.S. GEOLOGICAL SURVEY, 1970

R. 91 W. R. 90 W.

SCALE 1:24,000



COMPILED IN 1978



COAL RESOURCE OCCURRENCE MAP OF THE GOLDEN VALLEY NW QUADRANGLE,
DUNN AND MERCER COUNTIES NORTH DAKOTA

BY
WOODWARD-CLYDE CONSULTANTS
1978

PLATE 12
ISOPACH AND MINING RATIO MAP
OF THE HAZEN COAL BED