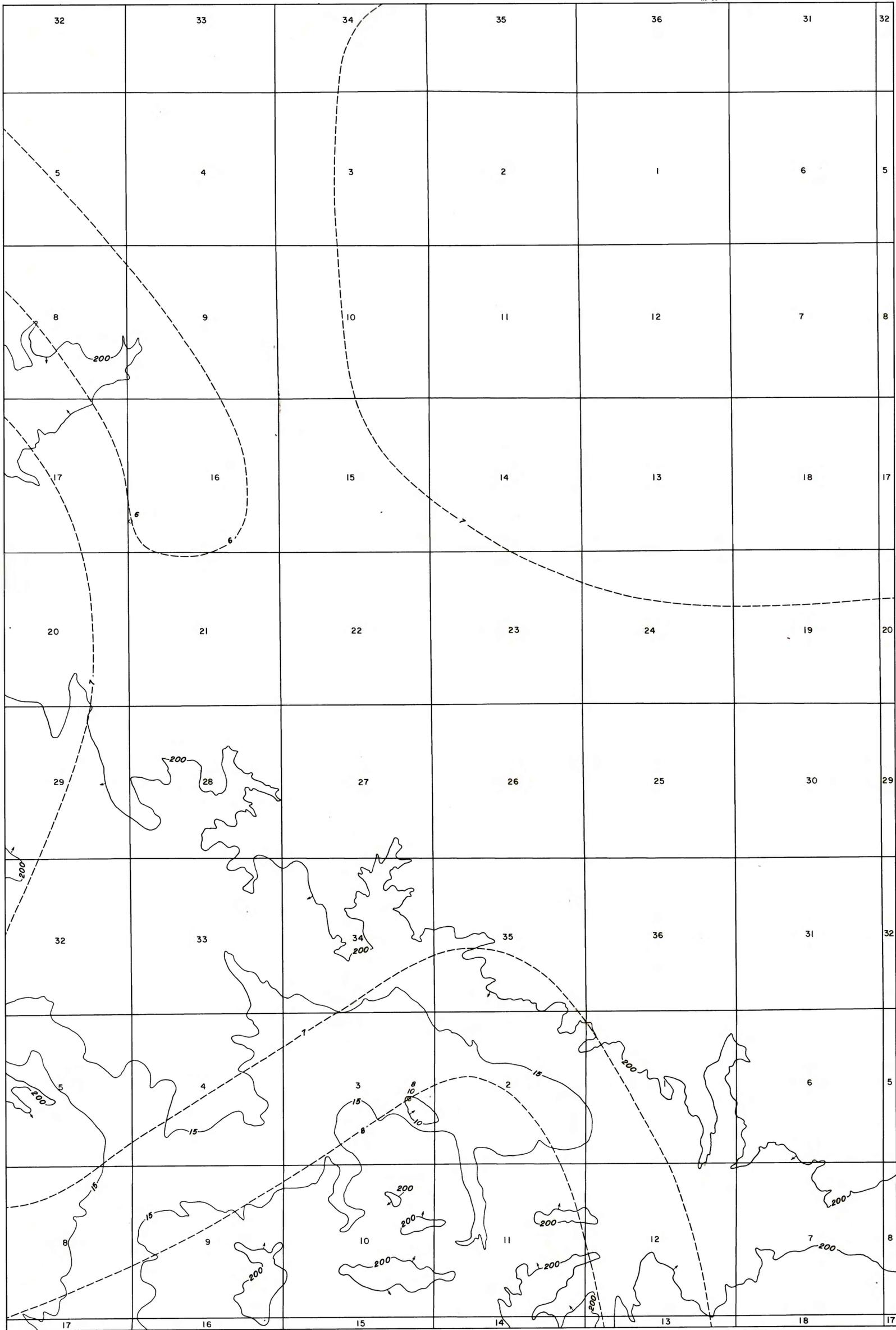


This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.



T. 144 N.  
T. 143 N.

EXPLANATION

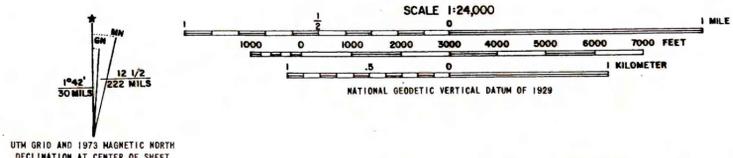
- ISOPACH OF COAL BED--Showing thickness in feet. Isopach interval 1 feet (0.3m).
- DRILL HOLE--Showing thickness of the coal bed in feet. (upper number). Showing value of mining ratio for the coal bed within stripping limit (lower number).
- MINING RATIO CONTOUR FOR THE COAL BED--Number indicated cubic yards of overburden per ton of recoverable coal by surface mining methods.
- 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/ton to cubic meters/tonne multiply by 0.842.

T. 143 N.  
T. 142 N.

BASE FROM U.S. GEOLOGICAL SURVEY, 1970

R. 93 W. R. 92 W. COMPILED IN 1978



**COAL RESOURCE OCCURRENCE MAP OF THE MARSHALL NW QUADRANGLE,  
DUNN COUNTY, NORTH DAKOTA  
BY  
WOODWARD-CLYDE CONSULTANTS  
1978**

PLATE 7  
ISOPACH AND MINING RATIO MAP  
OF THE HT BUTTE COAL BED