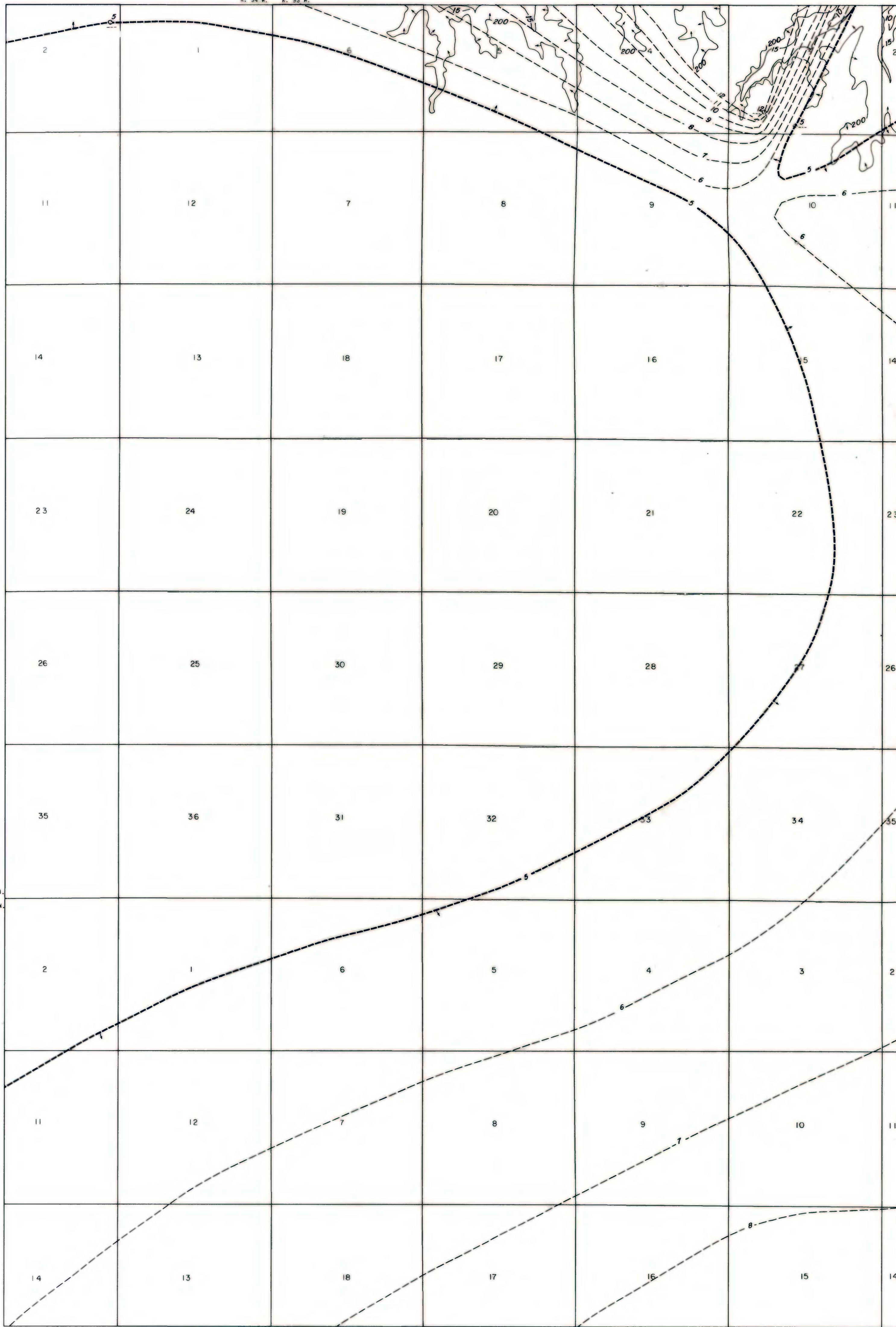
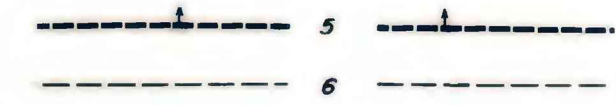


This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.



EXPLANATION



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

5  
108

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

10

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

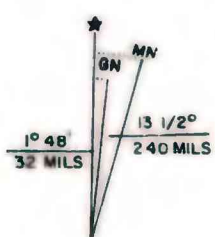
BASE FROM U.S. GEOLOGICAL SURVEY, 1970

R. 94 W. R. 93 W.

SCALE 1:24,000



COMPILED IN 1978



COAL RESOURCE OCCURRENCE MAP OF THE DUNN CENTER NE QUADRANGLE,  
DUNN COUNTY, NORTH DAKOTA  
BY  
WOODWARD-CLYDE CONSULTANTS  
1978

PLATE 12  
ISOPACH AND MINING RATIO MAP  
OF THE HT BUTTE COAL BED