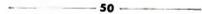
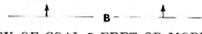


OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.

EXPLANATION

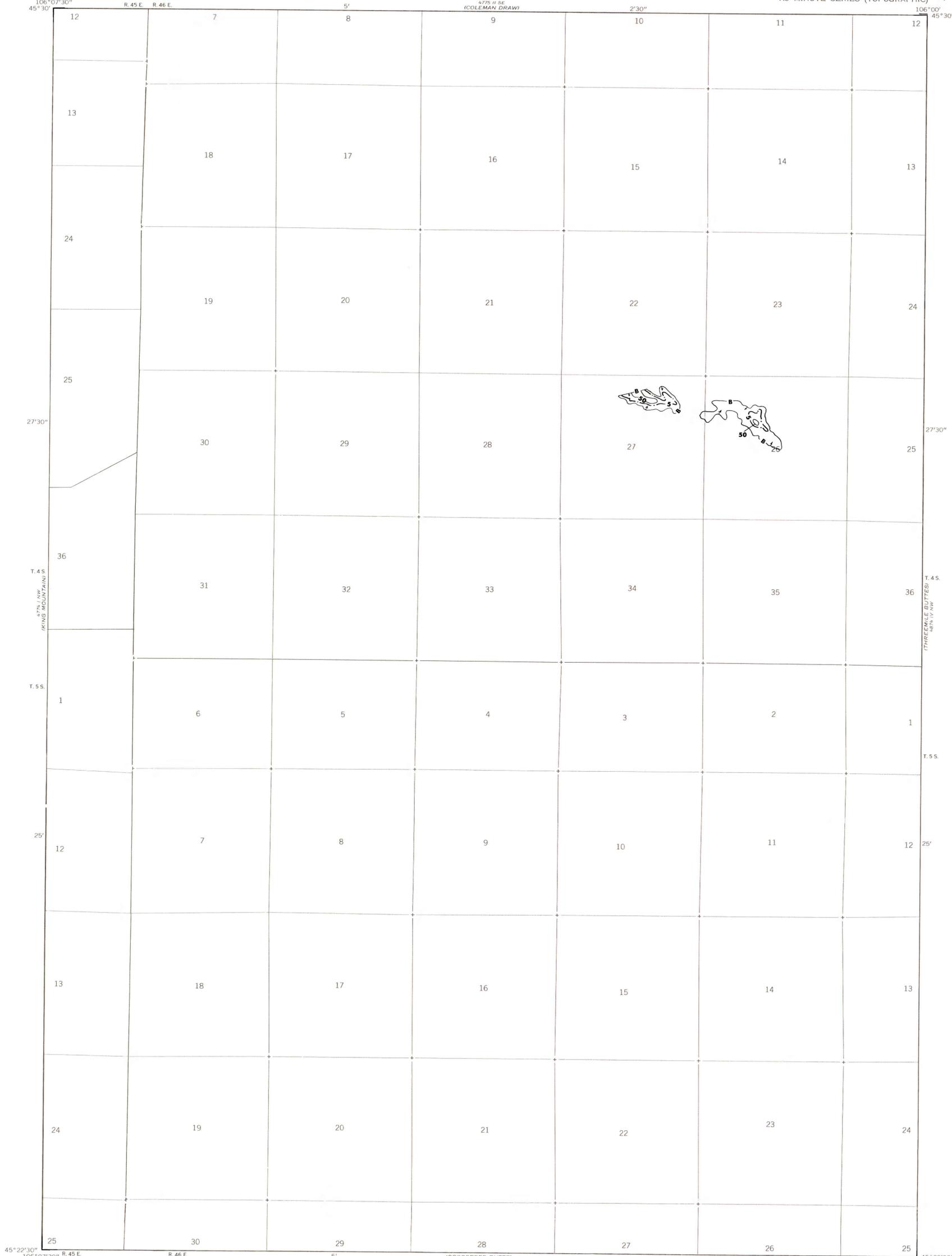
 **50**
OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval 50 feet (15.2 m).

 **B**
BOUNDARY OF COAL 5 FEET OR MORE THICK—Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal, and/or the 5-foot coal isopach. Arrows point toward area of coal 5 feet or more thick.

 **5**
MINING-RATIO CONTOUR—Number indicates cubic yards of overburden per short ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limits.

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

To convert feet to meters, multiply feet by 0.3048.

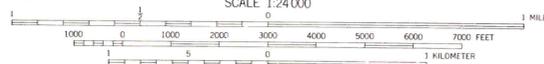


Base map from U.S. Geological Survey, 1967

Compiled in 1977



UTM GRID AND 1967 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET



SCALE 1:24 000



QUADRANGLE LOCATION

**COAL RESOURCE OCCURRENCE MAP OF THE YAGER BUTTE QUADRANGLE,
POWDER RIVER COUNTY, MONTANA**

**BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979**

**PLATE 5
OVERBURDEN ISOPACH AND MINING-RATIO
MAP OF THE ALDERSON COAL BED**