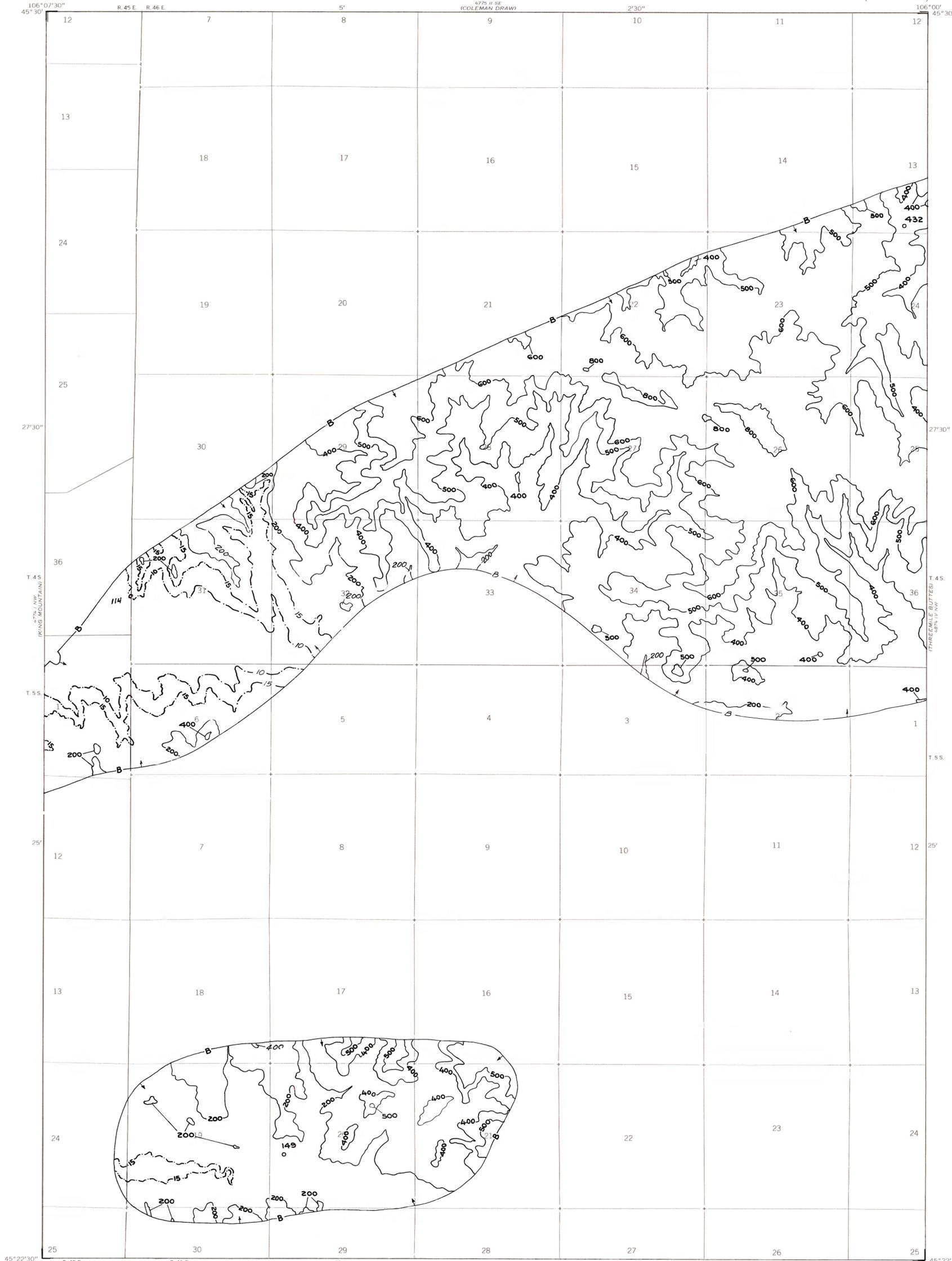


OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.



EXPLANATION

— 200 —
OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval 200 feet (61 m) with an intermediate 500-foot isopach.

— 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, and/or the split line of the coal bed. Arrows point toward area of coal 5 feet or more thick.

○ 149 ○
DRILL HOLE—Showing thickness of overburden, in feet, from the surface to the top of the coal bed.

- - - 10 - - -
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.

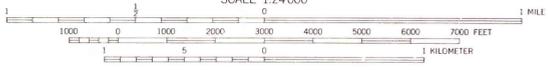
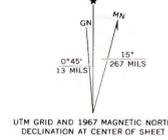
To convert feet to meters, multiply feet by 0.3048.
To convert yds³/ton to m³/metric ton, multiply yds³/ton by 0.842.

Base map from U.S. Geological Survey, 1967

(GOODSPEED BUTTE)
47° 11' SE

SCALE 1:24 000

Compiled in 1977



**COAL RESOURCE OCCURRENCE MAP OF THE YAGER BUTTE QUADRANGLE,
POWDER RIVER COUNTY, MONTANA**
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979