

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

EXPLANATION

**25**  
OVERBURDEN ISOPACH—Showing thickness of  
overburden, in feet, from the surface to the top of the  
coal bed. Isopach interval 25 feet (7.6 m).

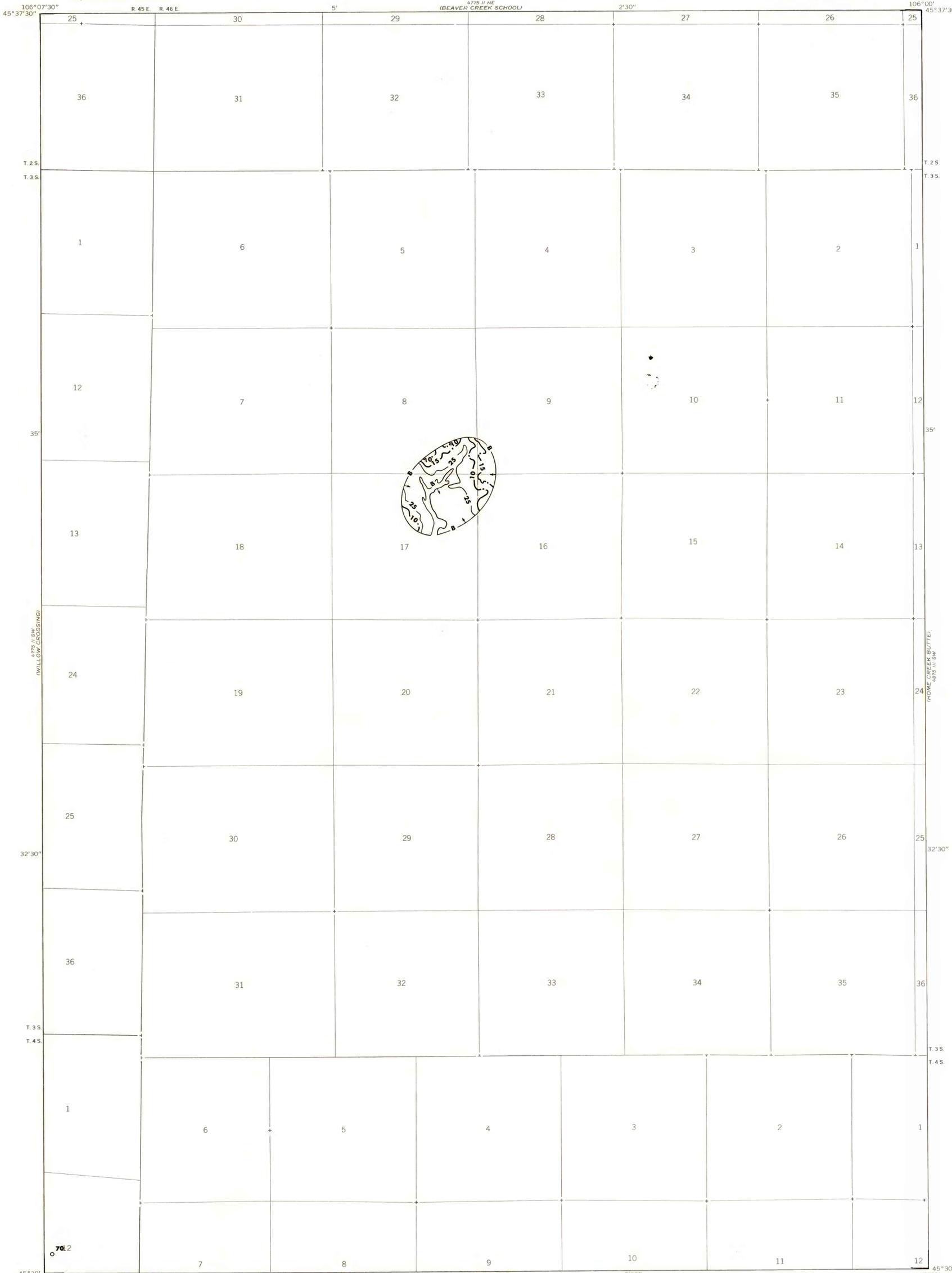
**B**  
BOUNDARY OF COAL 5 FEET OR MORE THICK—  
Drawn along the outcrop of coal bed and/or the inferred  
contact between burned and unburned coal and/or the  
5-foot coal isopach. Arrows point toward area of coal  
5 feet or more thick.

**70**  
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 limit.

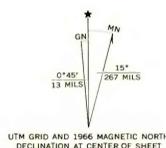
To convert feet to meters, multiply feet by 0.3048.

To convert yds<sup>3</sup>/ton to m<sup>3</sup>/metric ton, multiply yds<sup>3</sup>/ton by  
0.842.

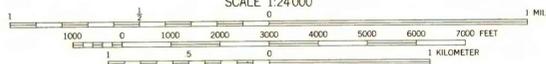


Base map from U.S. Geological Survey, 1966

Compiled in 1977



UTM GRID AND 1966 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET



COAL RESOURCE OCCURRENCE MAP OF THE COLEMAN DRAW QUADRANGLE,  
POWDER RIVER COUNTY, MONTANA

BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1979

PLATE 23  
OVERBURDEN ISOPACH AND MINING-RATIO  
MAP OF THE LOWER SPLIT OF  
THE SAWYER COAL BED