

46° 00' 00" N
106° 30' 00" W
(MCKAY CREEK)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HAMMOND DRAW NW QUADRANGLE
MONTANA—ROSEBUD CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

47° 00' 00" N
106° 22' 30" W
(GRAIN PLACE)

OPEN FILE REPORT 78-645
PLATE 5 OF 10

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

EXPLANATION

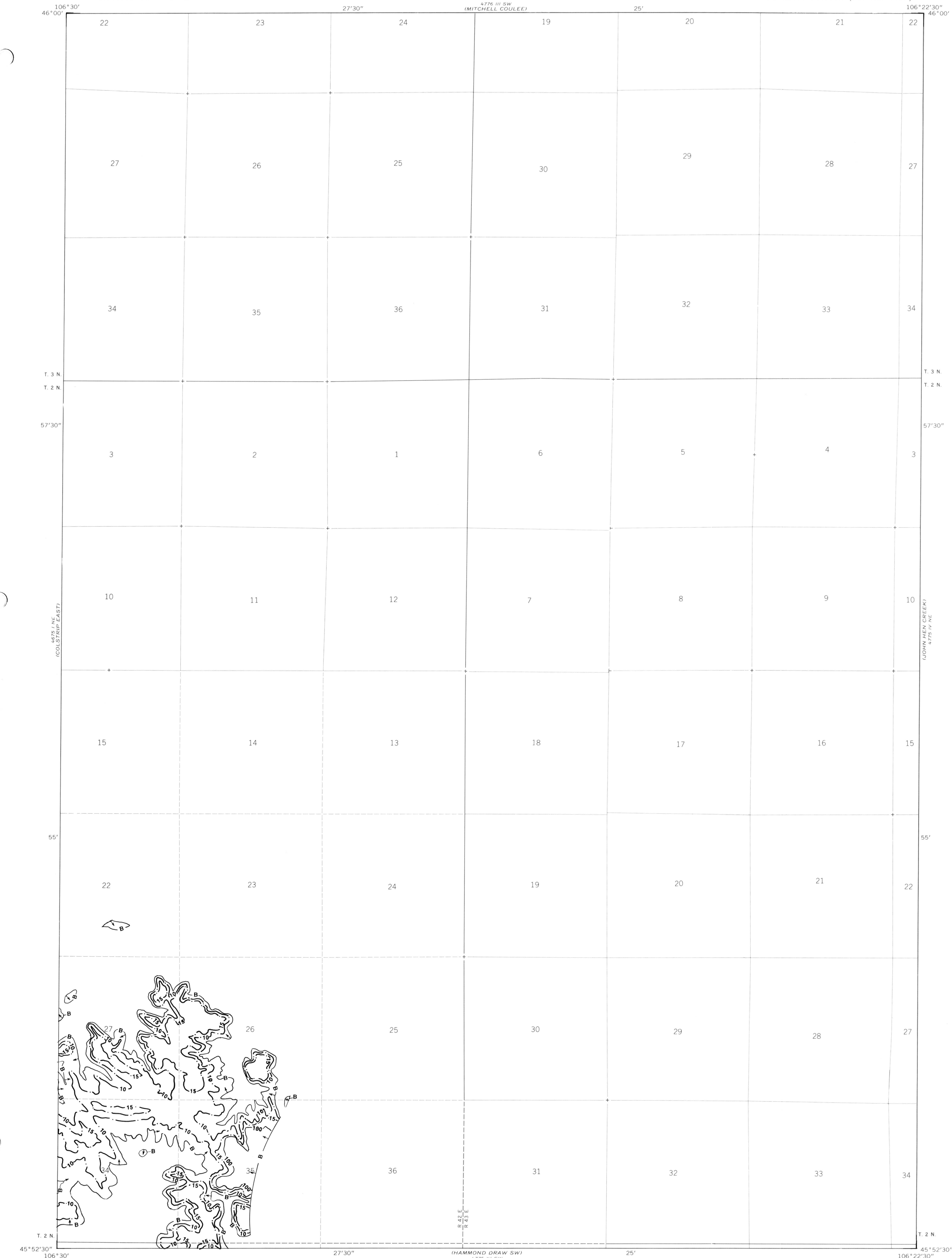
OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. The 100-foot isopach is omitted where it is too close to a mining-ratio contour for map readability. Isopach interval 100 feet (30.5 m).

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 an insufficient data line. Arrows point toward area of coal 5 feet or more thick.

MINING-RATIO CONTOUR—Number indicates cubic yards of overburden per 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.

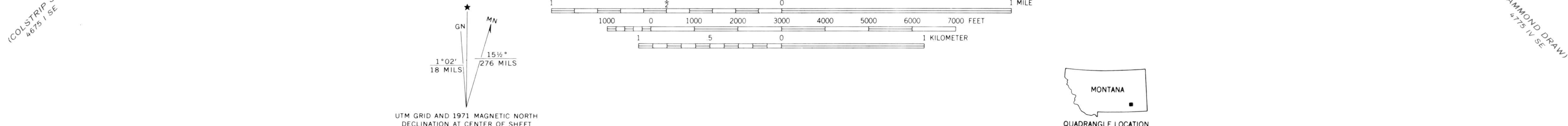
To convert yds³/ton to m³/metric ton, multiply by 0.842.



Base map from U.S. Geological Survey, 1971

SCALE 1:24,000

Compiled in 1977



COAL RESOURCE OCCURRENCE MAP OF THE HAMMOND DRAW NW QUADRANGLE, ROSEBUD COUNTY, MONTANA

BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1978

PLATE 5

OVERBURDEN ISOPACH AND MINING-
RATIO MAP OF THE MCKAY COAL BED