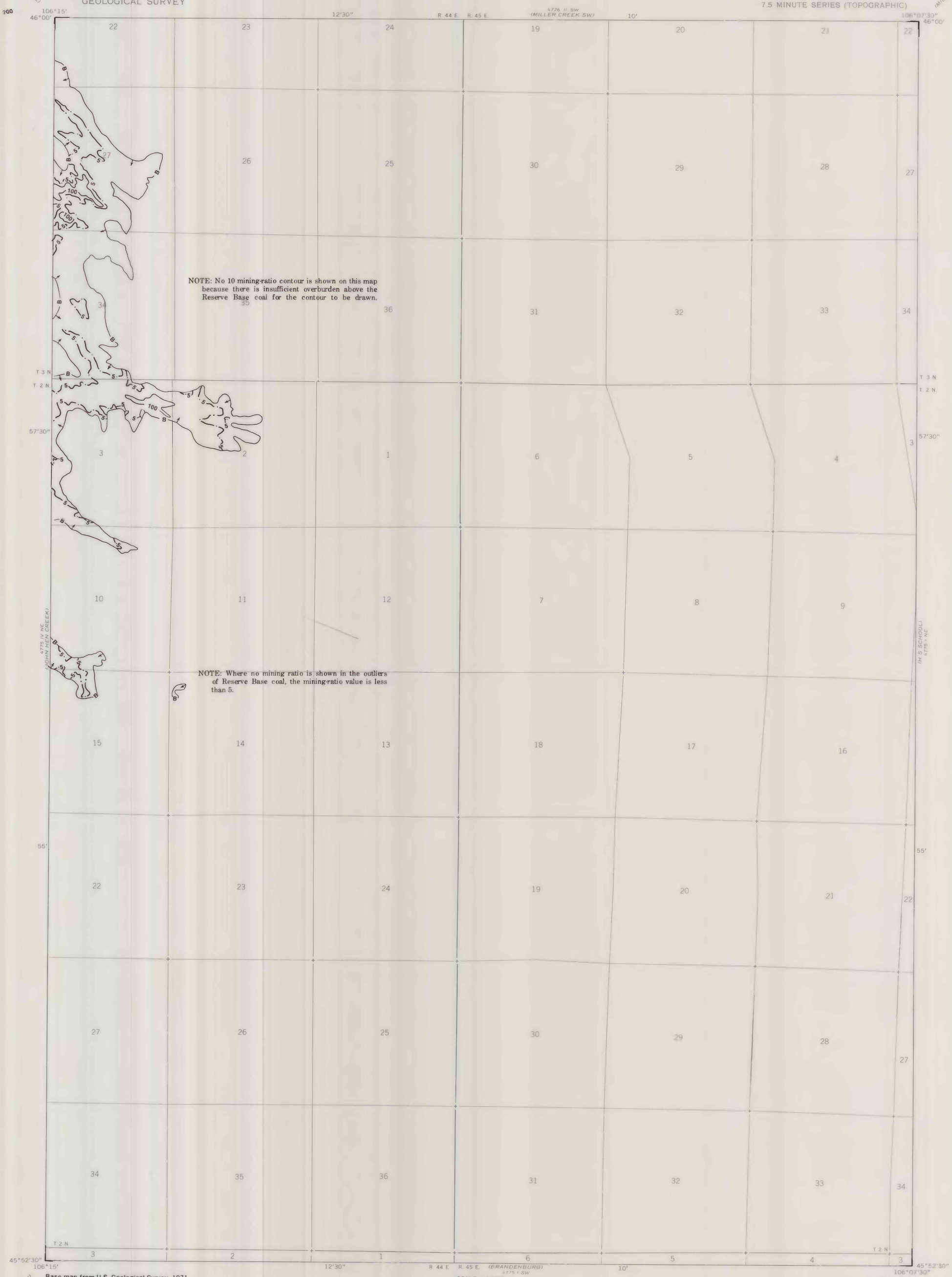
OPEN-FILE REPORT
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BRANDENBERG NW QUADRANGLE
MONTANA
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 78-642
PLATE 5 OF 7



Base map from U.S. Geological Survey, 1971

Compiled in 1977

SCALE 1:24 000

1 MILE
7000 FEET
1 KILOMETER

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

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 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.

COAL RESOURCE OCCURRENCE MAP OF THE BRANDENBERG NW QUADRANGLE, CUSTER AND ROSEBUD COUNTIES, MONTANA

BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE

1978

PLATE 5

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