UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BLOOM CREEK QUADRANGLE
MONTANA—POWDER RIVER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-784
PLATE 27 OF 36

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.

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.

105°52′30″ 50′ 47′30″ 105°45′
45°15′ 12′30″ 10′ 45°07′30″

48 E. R. 49 E.

T. 7 S.
T. 8 S.

4874 IV SW (PHILLIPS BUTTE)
4874 IV SE (HODSDON FLATS)
4874 III NW (SAYLE)
4874 III SW (BRADSHAW CREEK)
4874 III SE (MOORHEAD)
4874 II NW (HUCKINS SCHOOL)
4874 II SW (THREE BAR RANCH)

Base map from U.S. Geological Survey, 1970

Compiled in 1977

SCALE 1:24 000

1 MILE
7000 FEET
1 KILOMETER

GN MN
0° 35′ 10 MILS
14½° 258 MILS
UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

MONTANA
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE BLOOM CREEK QUADRANGLE, POWDER RIVER COUNTY, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979

PLATE 27
OVERBURDEN ISOPACH AND MINING-RATIO MAP OF THE NUMBER 8 COAL BED