UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HUCKINS SCHOOL QUADRANGLE
MONTANA—POWDER RIVER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-786
PLATE 24 OF 41

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

NOTE: Where no mining-ratio contour is shown in the outliers of Reserve Base coal, the mining-ratio value is less than 10.

EXPLANATION

200

OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Overburden isopachs within the stripping limit are omitted where they are too close to a mining-ratio contour for map readability. Isopach interval 100 feet (30.5 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.

0 110

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 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 yds³/ton by 0.842.

Base map from U.S. Geological Survey, 1970

Compiled in 1977

SCALE 1:24000

UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

MONTANA

QUADRANGLE LOCATION

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

PLATE 24
OVERBURDEN ISOPACH AND MINING-RATIO MAP OF THE CACHE COAL BED