UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

TRAIL CREEK SCHOOL QUADRANGLE
MONTANA—ROSEBUD CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 78-835
PLATE 11 OF 13

4676 II SW (GRIFFIN COULEE SW)
4676 II SE (GRIFFIN COULEE)
4676 II SW (SHEEP CREEK CAMP)
4675 IV NW (MC CLURE CREEK)
4675 IV SW (SARFY SCHOOL)
4675 IV SE (ROUGH DRAW)
4675 I NW (COLSTRIP WEST)
4675 I SW (COLSTRIP SW)

106° 52′ 30″ — 50′ — R. 39 E. — R. 40 E. — 47′ 30″ — 106° 45′
46° 00′ — T. 3 N. — T. 2 N. — 57′ 30″ — 55′ — 45° 52′ 30″

EXPLANATION

100

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).

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

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 by 0.842.

Base map from U.S. Geological Survey, 1971

Compiled in 1977

SCALE 1:24000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN — MN
1° 18′ / 23 MILS — 15½° / 276 MILS

MONTANA
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE TRAIL CREEK SCHOOL QUADRANGLE, ROSEBUD COUNTY, MONTANA

BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE

1978

PLATE 11

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