

EXPLANATION

100
OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. 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.

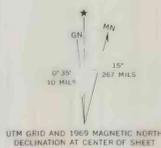
10
MINING-RATIO CONTOUR
Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit.

To convert feet to meters, multiply feet by 0.3048.

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

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

46° 00' 105° 52' 30" Base map from U.S. Geological Survey, 1969 50' R. 47 E. SCALE 1:24,000 1 MILE 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET 1 KILOMETER 47° 30' 105° 46' Compiled in 1977



**COAL RESOURCE OCCURRENCE MAP OF THE JACK CREEK
QUADRANGLE, CUSTER COUNTY, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1978**