



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

OPEN FILE REPORT 78-039
PLATE 56 OF 69

EXPLANATION

OVERBURDEN ISOPACHS--Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval 200 feet (61 m). Isopach not shown for overburden thicker than 1,000 feet (305 m).

BOUNDARY OF RESERVE BASE COAL--Drawn along the 5-foot (1.5-m) coal isopach, and an arc 3 miles (4.8 km) from nearest complete measurement of coal bed. Arrows point toward area of Reserve Base coal.

STRIPPING-LIMIT LINE--Boundary for surface mining of the coal bed (in this quadrangle, the 200-foot-overburden isopach). Arrows point toward the area suitable for surface mining.

DRILL HOLE--Showing thickness of overburden, in feet, from the surface to the top of the coal bed.

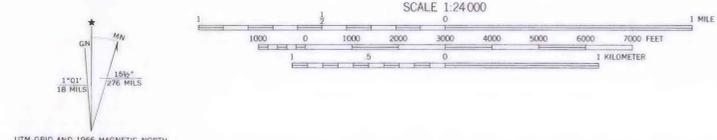
To convert cubic yards of overburden per short ton of recoverable coal to cubic meters of overburden per metric ton of recoverable coal, multiply by 0.84.

To convert feet to meters, multiply feet by 0.3.

ROSEBUD COUNTY, MONTANA

Compiled in 1977

Base from U.S. Geological Survey, 1966



**COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE
BROWNS MOUNTAIN QUADRANGLE, ROSEBUD COUNTY, MONTANA**
BY
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1978

PLATE 56
OVERBURDEN ISOPACH AND
MINING-RATIO MAP OF
THE NANCE COAL BED