

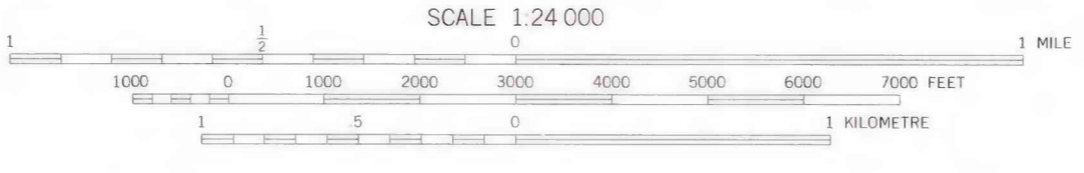
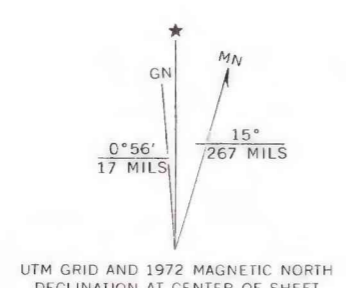
OPEN-FILE REPORT
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.
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PLATE 31 OF 54

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).
 - MINING RATIO CONTOUR**--Number indicates cubic yards of overburden per ton of coal recoverable by surface mining methods. Contours shown only in areas within the stripping-limit.
 - 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.
 - BOUNDARY OF RESERVE BASE COAL**--Drawn along an arc 3 miles (4.8 km) from nearest complete measurement of coal bed. Arrows point toward area of Reserve Base coal.
 - FAULT**--U shows upthrown side; D shows downthrown side.
 - 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 ton of recoverable coal to cubic meters of overburden per ton of recoverable coal, multiply by 0.84.
- To convert feet to meters, multiply feet by 0.3.

Base from U.S. Geological Survey, 1972

Compiled in 1977



COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE HAMILTON DRAW QUADRANGLE, ROSEBUD, BIG HORN, AND POWDER RIVER COUNTIES, MONTANA

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1978