

OPEN-FILE REPORT
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PLATE 35 OF 53

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). Not shown where the overburden exceeds 1,000 feet.

MINING RATIO CONTOUR--Number indicates cubic yards of overburden per ton of recoverable coal 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 the 1,000-foot (305 m) overburden isopach, and an are 3 miles (4.8 km) from nearest complete measurement of coal bed. Arrows point toward area of Reserve Base coal.

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

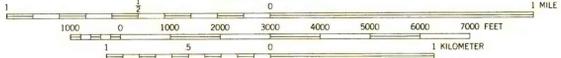
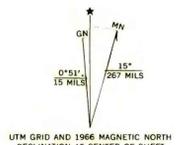
To convert cubic yards of overburden per short ton of recoverable coal to cubic meters of overburden per metric ton of recoverable coal, multiply by 0.84.

To convert feet to meters, multiply feet by 0.3.

Base from U.S. Geological Survey, 1966

SCALE 1:24 000

Compiled in 1977



**COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS
OF THE FORT HOWES QUADRANGLE, ROSEBUD AND POWDER RIVER COUNTIES, MONTANA**

BY
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1979

PLATE 35
**OVERBURDEN ISOPACH AND
MINING RATIO MAP OF THE
KNOBLOCH COAL BED**