

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

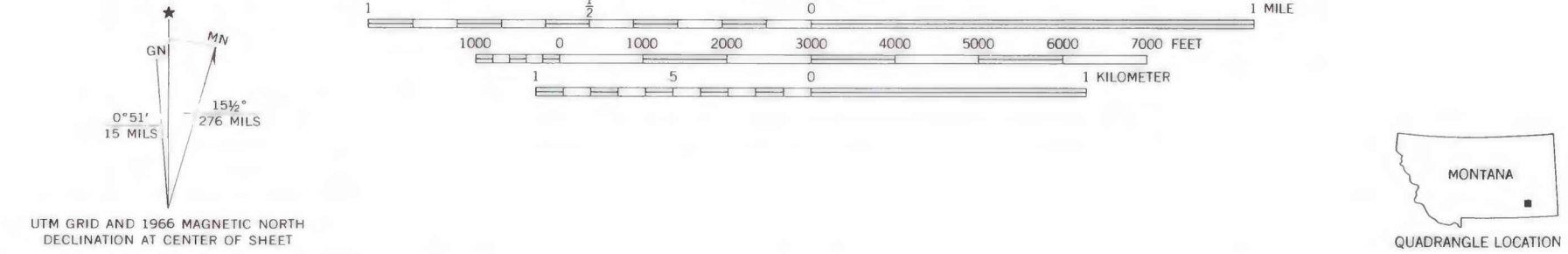
EXPLANATION

- ISOPACHS OF THE SAWYER COAL BED—Showing thickness, in feet. Isopach interval 2 feet.
  - STRUCTURE CONTOURS—Drawn on the top of the Sawyer coal bed. Dashed where projected beyond boundary of coal. Hachures indicate a closed depression. Contour interval 20 feet (6.1 m). Datum is mean sea level.
  - STRUCTURE CONTOURS—Drawn on the top of the Upper Sawyer split of the Sawyer coal bed. Dashed where projected beyond boundary of coal. Hachures indicate a closed depression. Contour interval 20 feet (6.1 m). Datum is mean sea level.
  - BOUNDARY OF COAL DEPOSIT—Drawn along the outcrop of coal bed and/or the contact between burned and unburned coal, and/or the fault boundary of the coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward coal-bearing area. Numbers at triangle are coal bed thickness and altitude at the top of the coal bed, measured in feet. Plus (+) sign after number indicates incomplete measurement. Subscript number on B indicates which coal split boundary is shown.
  - DRILL HOLE—Showing thickness and altitude at the top of the coal bed, in feet.
  - COAL MINE—Showing thickness and altitude at the top of the coal bed, in feet.
- To convert feet to meters, multiply feet by 0.3048.

NOTE: Isopachs and structure contours are not drawn in this area because the coal is less than 5 feet thick.

Base map from U.S. Geological Survey, 1966

Compiled in 1977



**COAL RESOURCE OCCURRENCE MAP OF THE WILLOW CROSSING QUADRANGLE, POWDER RIVER AND ROSEBUD COUNTIES, MONTANA**  
BY  
**COLORADO SCHOOL OF MINES RESEARCH INSTITUTE**  
1979