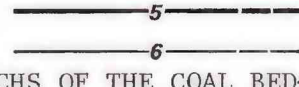
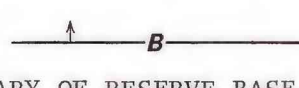



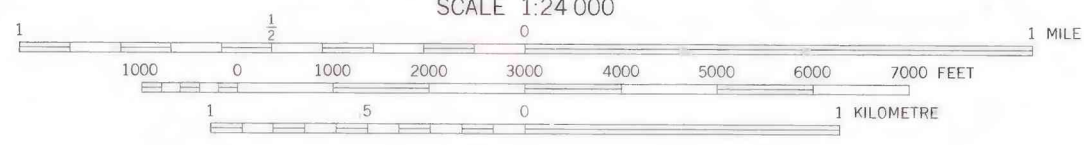
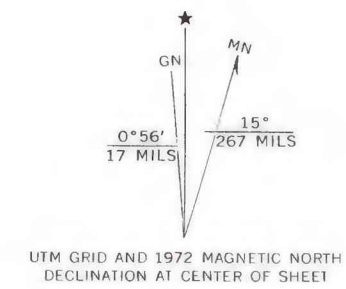
**OPEN-FILE REPORT**  
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.  
**OPEN FILE REPORT 78-040**  
**PLATE 39 OF 54**

**EXPLANATION**

-   
ISOPACHS OF THE COAL BED--  
Showing thickness, in feet.  
Dashed where projected  
beyond boundary of Reserve  
Base coal. Isopach interval  
1 foot (0.3 m). Not shown  
where coal is thinner than  
5 feet (1.5 m).
  -   
BOUNDARY OF RESERVE BASE  
COAL--Drawn along the 1,000-  
foot (305 m) overburden  
isopach, and an arc 3 miles  
(4.8 km) from nearest com-  
plete measurement of coal  
bed. Arrows point toward  
area of Reserve Base coal.
  -   
DRILL HOLE--Showing thickness  
of the coal bed, in feet.
- 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**

BY  
**W. J. MAPEL, B. K. MARTIN, AND B. A. BUTLER**  
1978