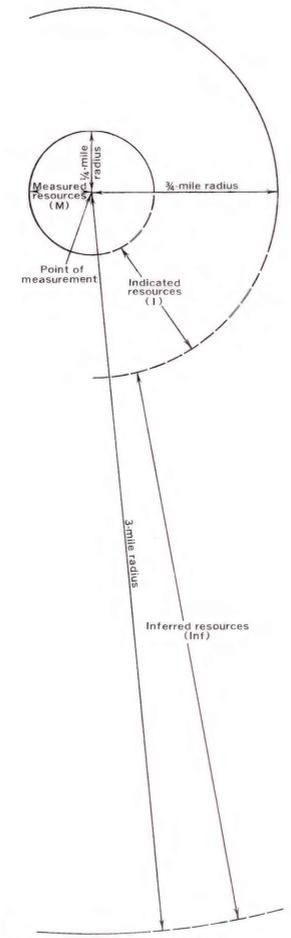


**OPEN-FILE REPORT**  
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature  
**OPEN FILE REPORT 78-040**  
**PLATE 7 OF 54**

**EXPLANATION**

 **NON-FEDERAL COAL LAND**--Land for which the Federal Government does not own the coal rights.

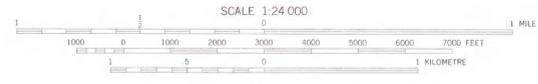
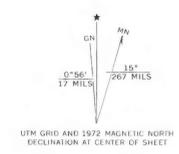
 **BOUNDARY OF RESERVE BASE COAL**--Drawn along the out-crop of coal bed or the contact between the burned and unburned coal, the 5-foot (1.5 m) coal isopach, and the 1,000-foot (305 m) overburden isopach. Arrows point toward area of Reserve Base coal.



**DIAGRAM SHOWING COMPONENT AREAS OF IDENTIFIED COAL RESOURCES**--Shows arcuate boundary lines enclosing areas of measured, indicated, and inferred coal resources. Boundaries of areas are dashed where projected from an adjacent quadrangle. Areas of inferred resources may be present on this map without their outer boundaries being shown.

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

**PLATE 7**  
**AREAL DISTRIBUTION OF IDENTIFIED RESOURCES OF THE ROLAND OF BAKER (1929), SMITH, AND FLOWERS-GOODALE COAL BEDS**