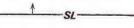
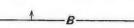
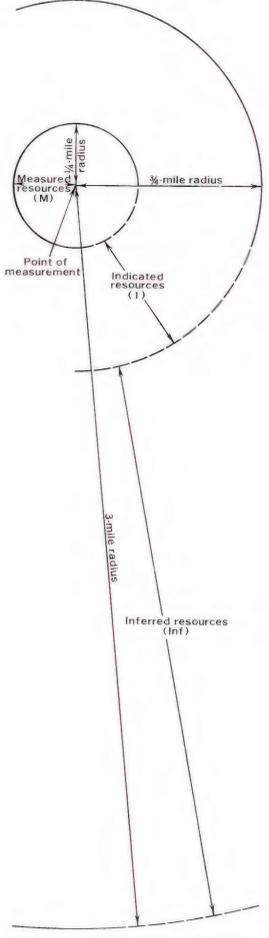


**OPEN-FILE REPORT**  
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature  
**OPEN FILE REPORT 78-040**  
**PLATE 32 OF 54**

**EXPLANATION**

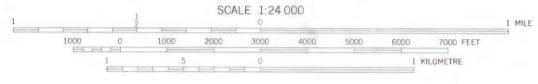
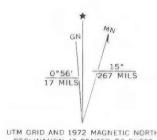
-  **NON-FEDERAL COAL LAND**--Land for which the Federal Government does not own the coal rights
-  **STRIPPING-LIMIT LINE**--Boundary for surface mining of the coal bed (in this quadrangle, the 200-foot-overburden isopach). Arrows point toward the area suitable for surface mining. Recovery factor of 85 percent within that area in this quadrangle.
-  **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.



**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**  
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