

**OPEN-FILE REPORT**  
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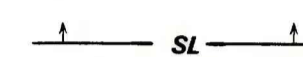
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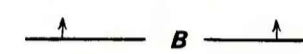
**EXPLANATION**



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



STRIPPING LIMIT LINE OF THE ANDERSON COAL BED—Boundary for surface mining of the coal bed (in this quadrangle, the 200-foot-overburden isopach). Stripping limit for the Anderson-Dietz coal beds, combined, is 500 feet (153 m). 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 the outcrop of coal bed or the contact between burned and unburned coal. Arrows point toward area of Reserve Base coal.

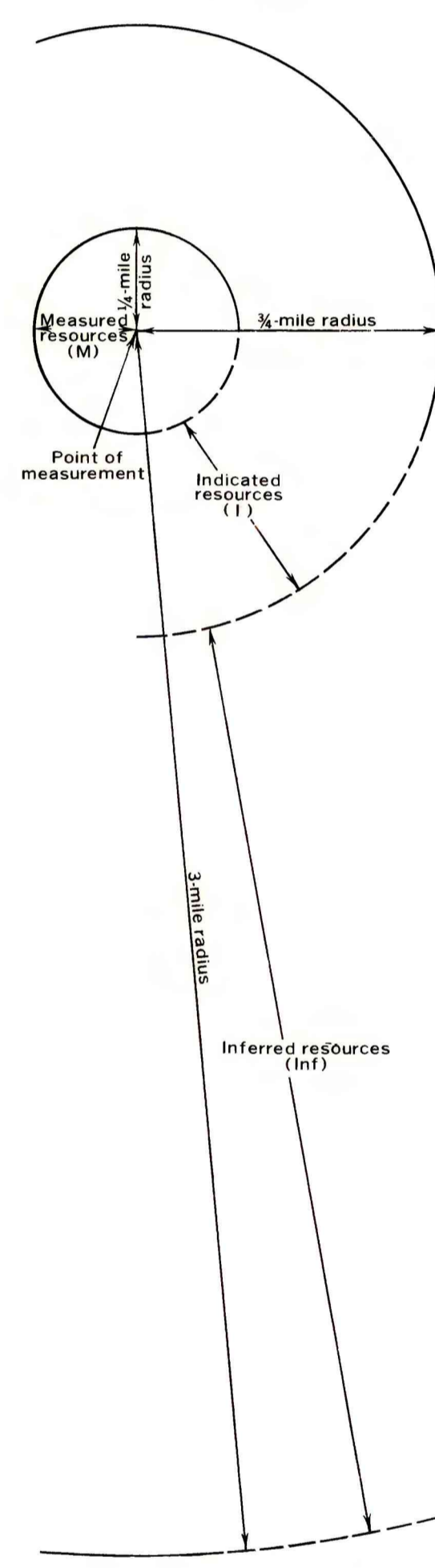
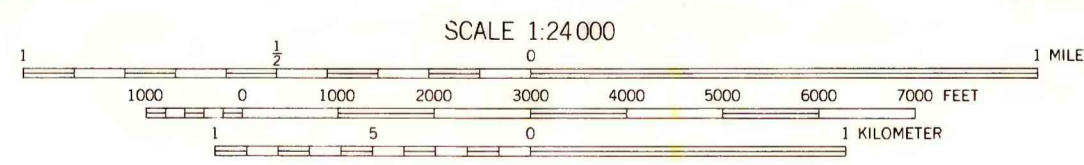
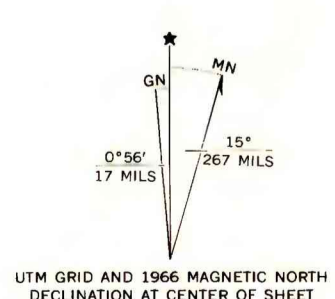


DIAGRAM SHOWING COMPONENT AREAS OF IDENTIFIED COAL RESOURCES—Shows arcuate boundary lines enclosing areas of measured, indicated, and inferred coal resources. Boundaries of areas are dashed where projected from an adjacent quadrangle. Areas of inferred resources may be present on this map without their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

To convert miles to kilometers, multiply miles by 1.6.

Base from U.S. Geological Survey, 1966



Compiled in 1977

**COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE  
POKER JIM BUTTE QUADRANGLE, ROSEBUD 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 ANDERSON COAL BED AND THE ANDERSON AND DIETZ COAL BEDS, COMBINED