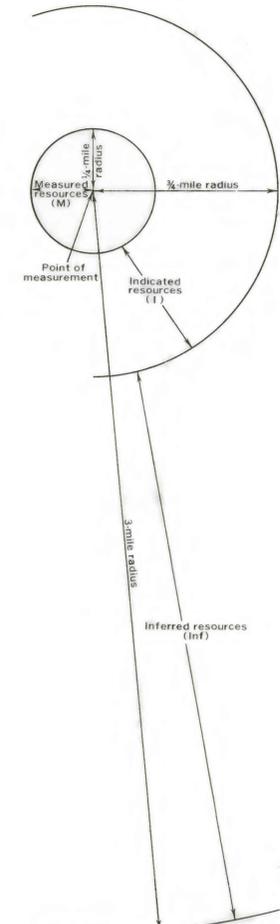


**OPEN-FILE REPORT**  
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.  
**OPEN-FILE REPORT 78-652**

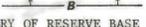
**PLATE 32 OF 64**

**EXPLANATION**

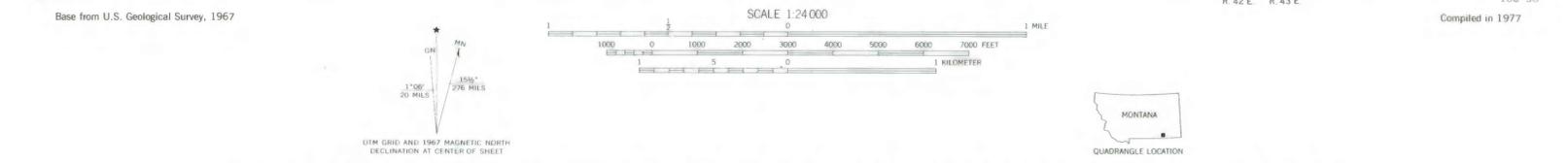
 **NON-FEDERAL COAL LAND**--Land for which the Federal Government does not own the coal rights.



**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.

 **BOUNDARY OF RESERVE BASE COAL**--Drawn along the 1,000-foot (305 m) overburden isopach. Arrows point toward area of Reserve Base coal.

To convert miles to kilometers, multiply by 1.61.



**COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE PINE BUTTE SCHOOL QUADRANGLE, BIG HORN COUNTY, MONTANA**

By  
**W. C. CULBERTSON, L. N. ROBINSON AND T. M. GAFFKE**  
1978

**PLATE 32**  
**AREAL DISTRIBUTION OF IDENTIFIED RESOURCES OF THE CANYON COAL BED**