

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 47 OF 64

EXPLANATION

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

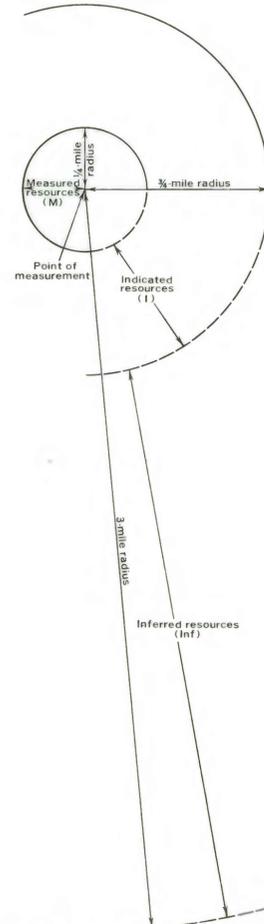


DIAGRAM SHOWING COMPONENT AREAS OF IDENTIFIED COAL RESOURCES--Shows arcuate boundary lines enclosing areas of measured, indicated, and inferred coal resources. Boundaries of areas are dashed where projected from an adjacent quadrangle. Areas of inferred resources may be present on this map without their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

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

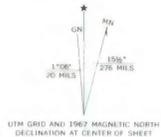
To convert miles to kilometers, multiply by 1.61.

Base from U.S. Geological Survey, 1967

SCALE 1:24 000



Computed in 1977



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

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PLATE 47
**AREAL DISTRIBUTION OF IDENTIFIED RESOURCES OF
THE OTTER COAL BED**