

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

**OPEN FILE REPORT 79-104
PLATE 21 OF 53**

EXPLANATION

SL
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.

B
BOUNDARY OF RESERVE BASE
COAL--Drawn along the outcrop of coal bed or the contact between burned and unburned coal where the coal bed is 5 feet (1.5 m) or more thick, and the 5-foot (1.5-m) coal isopach. Arrows point toward area of Reserve Base coal.

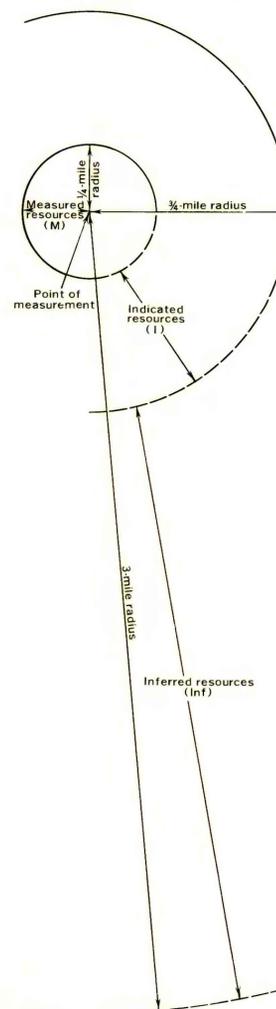
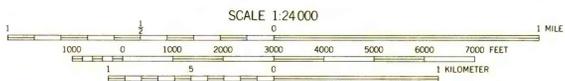
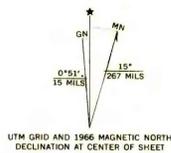


DIAGRAM SHOWING COMPONENT AREAS OF IDENTIFIED COAL RESOURCES--Shows arcuate boundary lines enclosing areas of measured, indicated, and inferred coal resources. Boundaries of areas are dashed where projected from an adjacent quadrangle. Areas of inferred resources may be present on this map without their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

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 FORT HOWES QUADRANGLE, ROSEBUD AND POWDER RIVER COUNTIES, MONTANA**

**BY
E. J. MCKAY AND L. N. ROBINSON
1979**

**PLATE 21
AREAL DISTRIBUTION OF
IDENTIFIED RESOURCES
OF THE OTTER COAL BED**