UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BAY HORSE QUADRANGLE
MONTANA—WYOMING
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-782
PLATE 17 OF 27

EXPLANATION

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 per-
cent within that area in this quadrangle.

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

BOUNDARY OF COAL 5 FEET OR MORE THICK—
Drawn along the outcrop of coal bed and/or the inferred
contact between burned and unburned coal and/or the
5-foot coal isopach. Arrows point toward area of coal
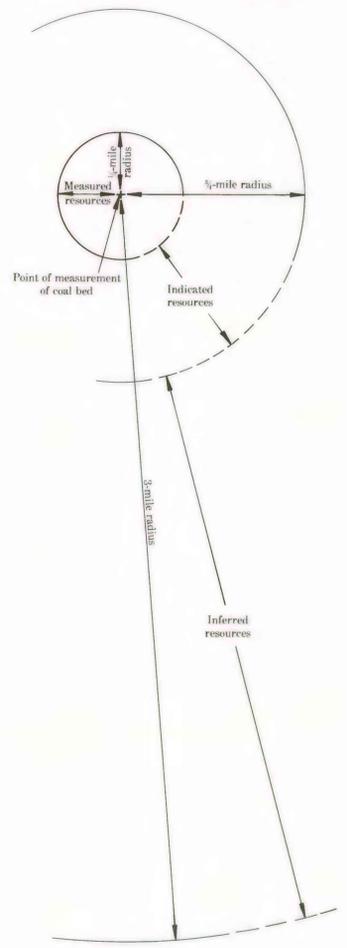5 feet or more thick.

POINT OF MEASUREMENT ON COAL BED

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 measured, indicated, or inferred resources
may be present on this map without their outer
boundaries being shown.

R B   R(85%)
—   —   (Measured resources)
—   —   (Indicated resources)
0.48   0.41   (Inferred resources)

IDENTIFIED COAL RESOURCES—Showing totals for
Reserve Base (RB) and Reserves (R), in millions of short
tons, for each section or part(s) of a section of Federal
coal land within the stripping-limit line. Dash indicates
no resources in that category. Reserve Base (RB) X the
Recovery Factor (85 percent) = Reserves (R).

R B
—   (Measured resources)
—   (Indicated resources)
0.24   (Inferred resources)

IDENTIFIED COAL RESOURCES—Showing totals for
Reserve Base (RB), in millions of short tons, for each
section or part(s) of a section of Federal coal land outside
the stripping-limit line. Dash indicates no resources in
that category.

NOTE: Recovery factors have not been established for
underground development of coal in this quadrangle.
Therefore, Reserves (R) were not calculated for the coal
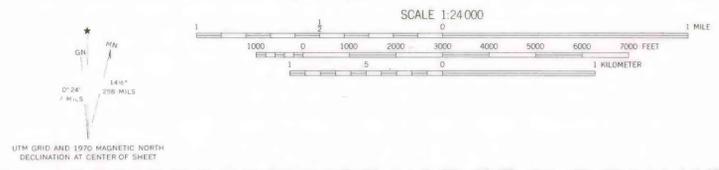bed in areas outside the stripping-limit line.

To convert short tons to metric tons, multiply short tons by
0.9072.

To convert feet to meters, multiply feet by 0.3048.

To convert miles to kilometers, multiply miles by 1.61.

COAL RESOURCE OCCURRENCE MAP OF THE BAY HORSE QUADRANGLE,
POWDER RIVER COUNTY, MONTANA AND CAMPBELL COUNTY, WYOMING
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979

PLATE 17

AREAL DISTRIBUTION AND TONNAGE
MAP OF IDENTIFIED RESOURCES
OF THE PAWNEE COAL BED