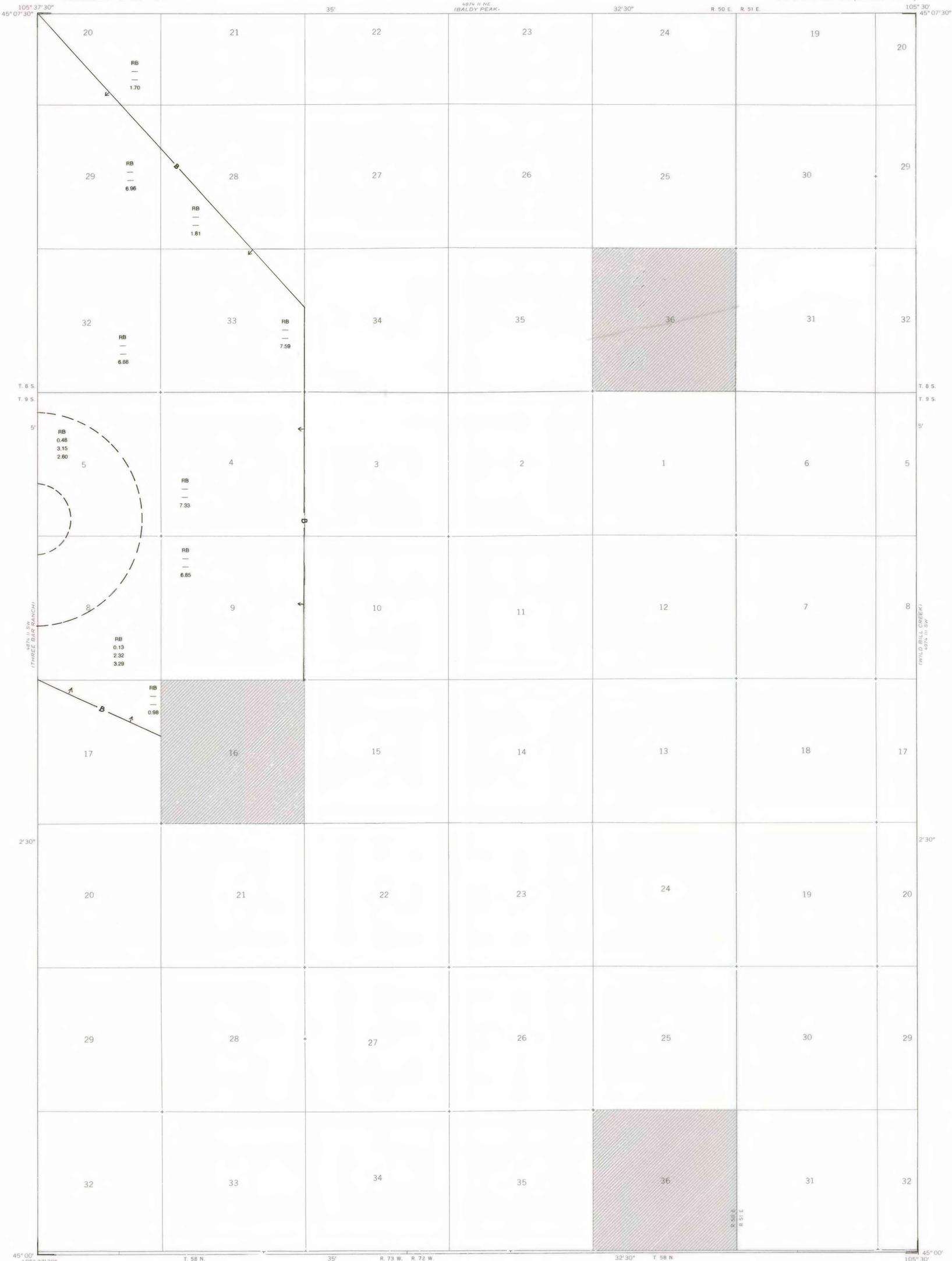


OPEN FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.



EXPLANATION

NON-FEDERAL COAL LAND WITHIN THE KCRA—
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, and/or an insufficient data line.
Arrows point toward area of coal 5 feet or more thick.

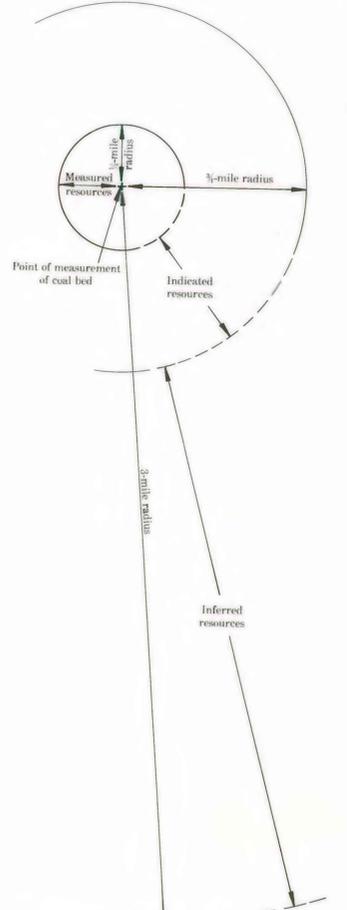


DIAGRAM SHOWING COMPONENT AREAS OF
IDENTIFIED COAL RESOURCES—Shows arcuate
boundary lines enclosing areas of measured, indicated,
and inferred coal resources. Boundaries of areas are
dashed where projected from an adjacent quadrangle.
Areas of measured, indicated, or inferred resources
may be present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

RB	0.48	(Measured resources)
RB	3.15	(Indicated resources)
RB	2.60	(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.

NOTE: No stripping-limit line is shown because there is
more than 200 feet of overburden above the coal that is
5 feet (1.5 m) or more thick.

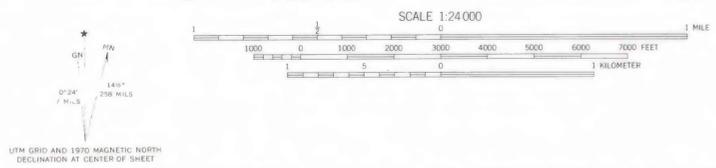
To convert short tons to metric tons, multiply short tons by
0.9072.

To convert feet to meters, multiply feet by 0.3048.

To convert miles to kilometers, multiply miles by 1.61.

Base map from U.S. Geological Survey, 1970

Compiled in 1977



**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**