

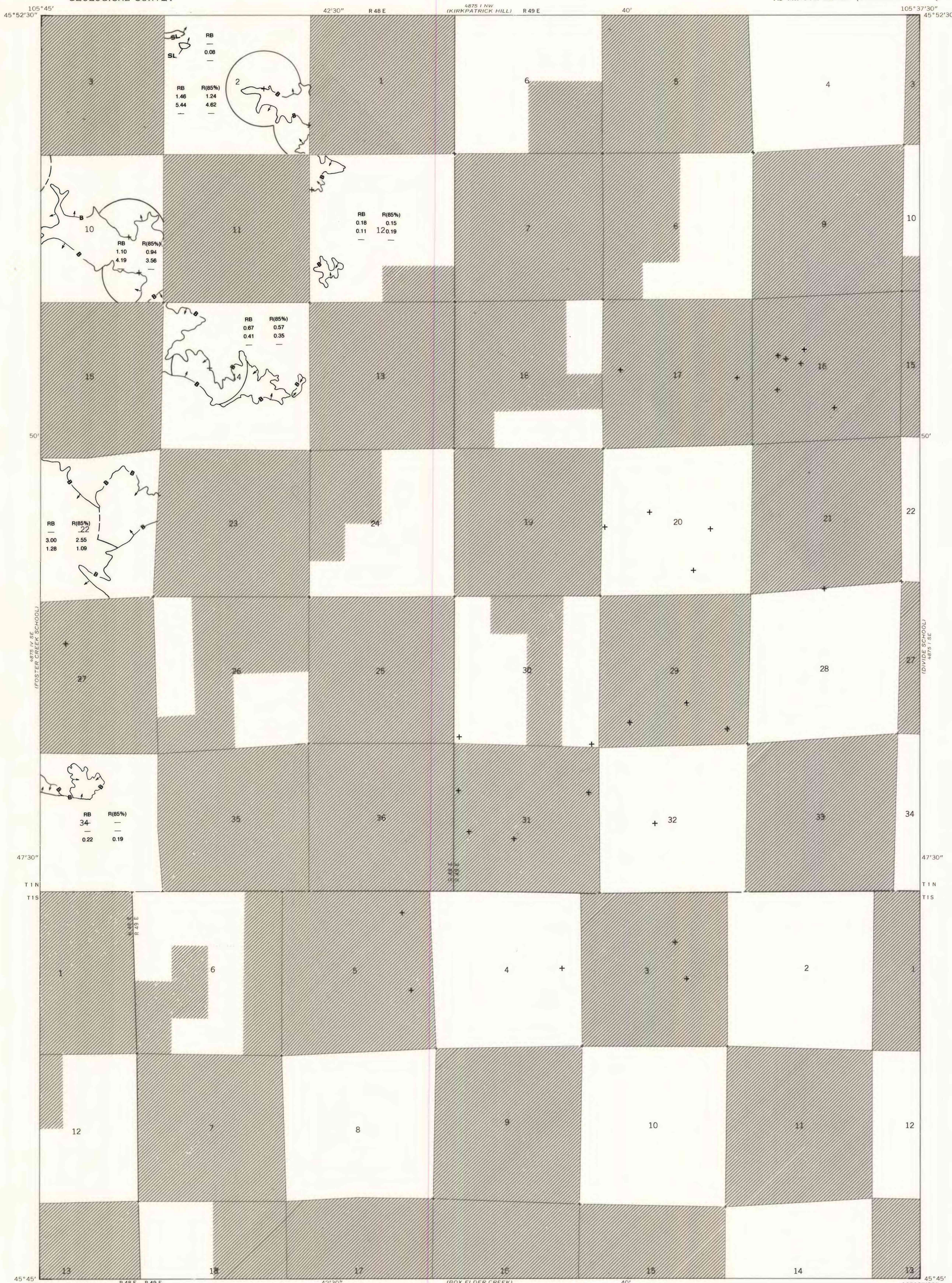
4875 1/4 NE (CAMP SCHOOL)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

VOLBORG QUADRANGLE MONTANA 7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-019 PLATE 12 OF 13

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—Land for which the Federal Government does not own the coal rights.
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 percent within that area in this quadrangle.
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

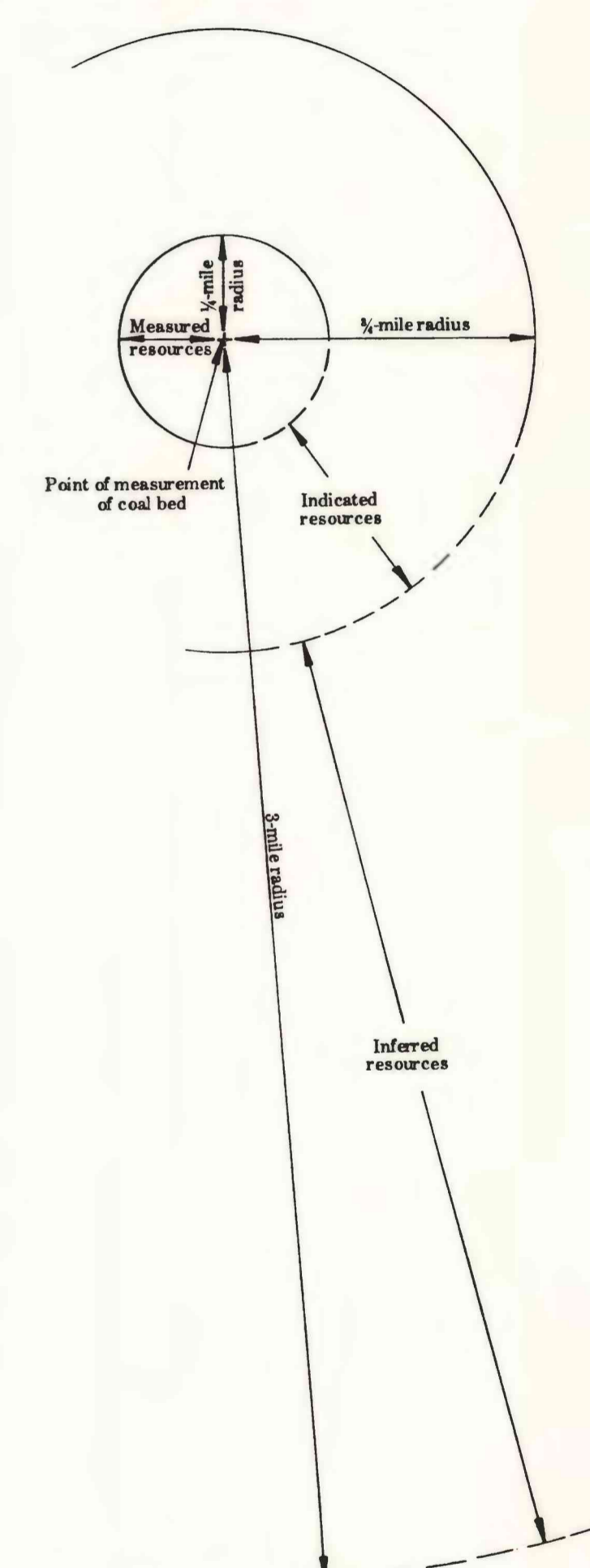


DIAGRAM SHOWING COMPONENT AREAS OF IDENTIFIED RESOURCES—Shows arcuate boundary lines enclosing areas of measured, indicated, and inferred coal resources. Boundaries of areas are dashed where projected from an adjacent quadrangle. Areas of measured, indicated, or inferred resources may be present without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

Table with 3 columns: RB, R(85%), and (Resource Type). Rows show values for measured, indicated, and 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).

Table with 3 columns: RB, R(85%), and (Resource Type). Rows show values for measured, indicated, and 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 outside the stripping-limit line. Dash indicates no resources in that category.

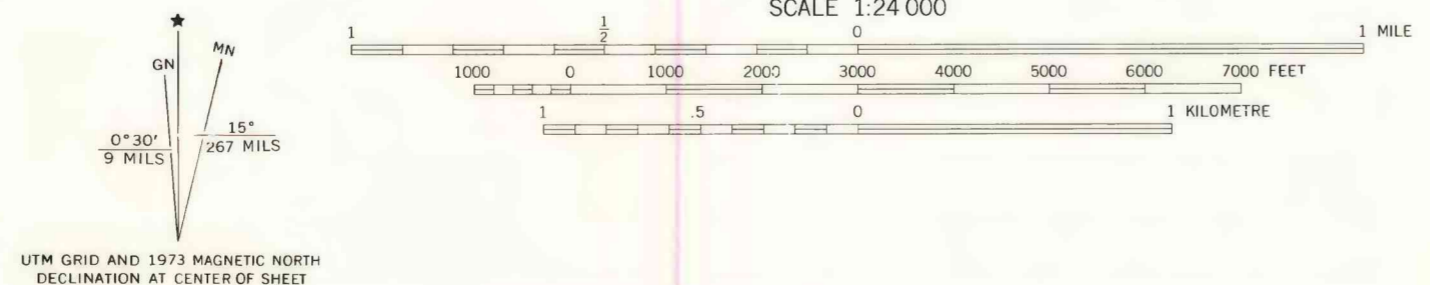
NOTE: Recovery factors have not been established for underground development of coal in this quadrangle. Therefore, Reserves (R) were not calculated for the coal bed in areas outside the stripping-limit line.

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.

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Base map from U.S. Geological Survey, 1973

Compiled in 1977



COAL RESOURCE OCCURRENCE MAP OF THE VOLBORG QUADRANGLE CUSTER AND POWDER RIVER COUNTIES, MONTANA BY COLORADO SCHOOL OF MINES RESEARCH INSTITUTE 1979

PLATE 12 AREAL DISTRIBUTION AND TONNAGE MAP OF IDENTIFIED RESOURCES OF THE TERRET COAL BED