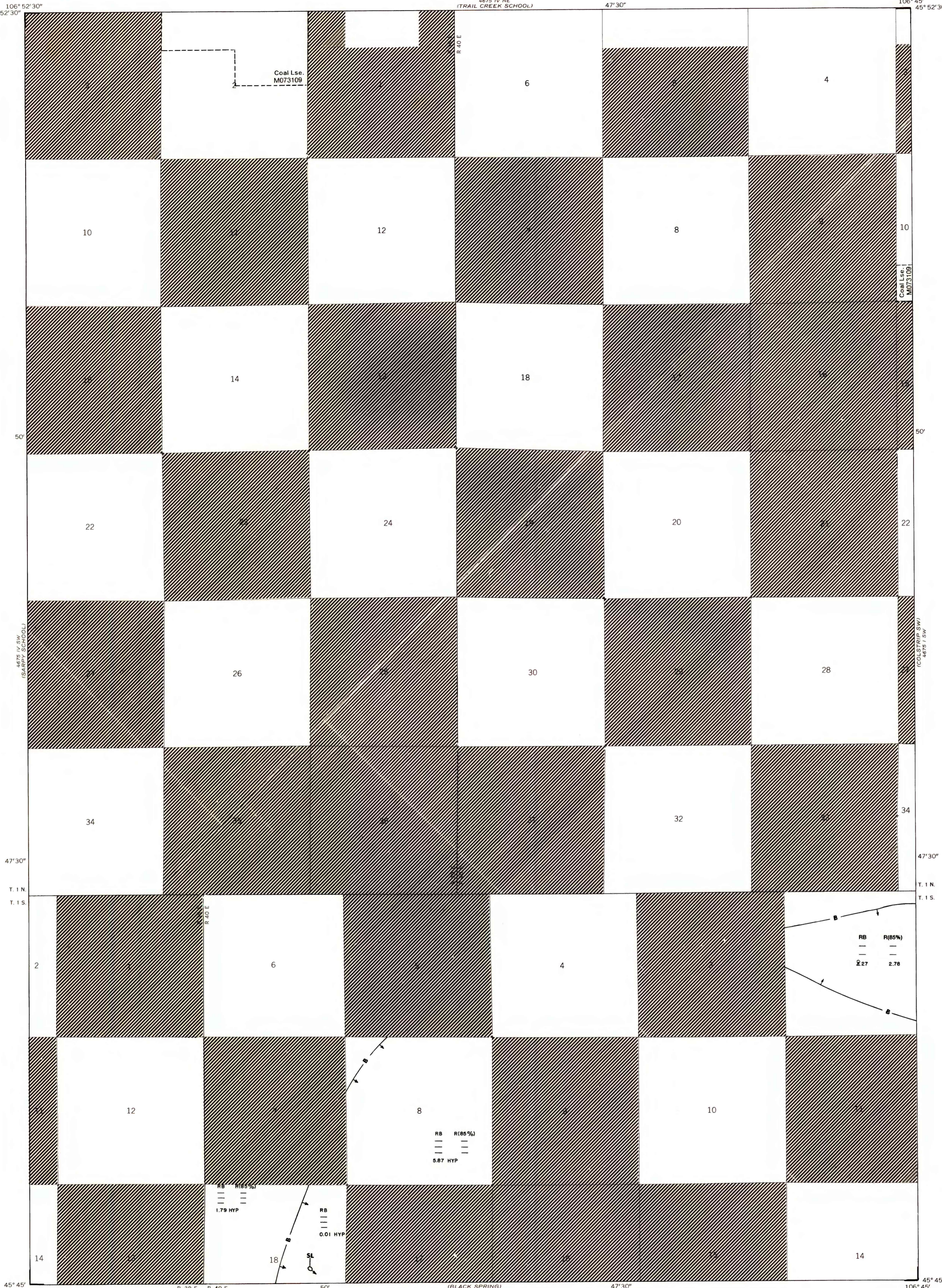


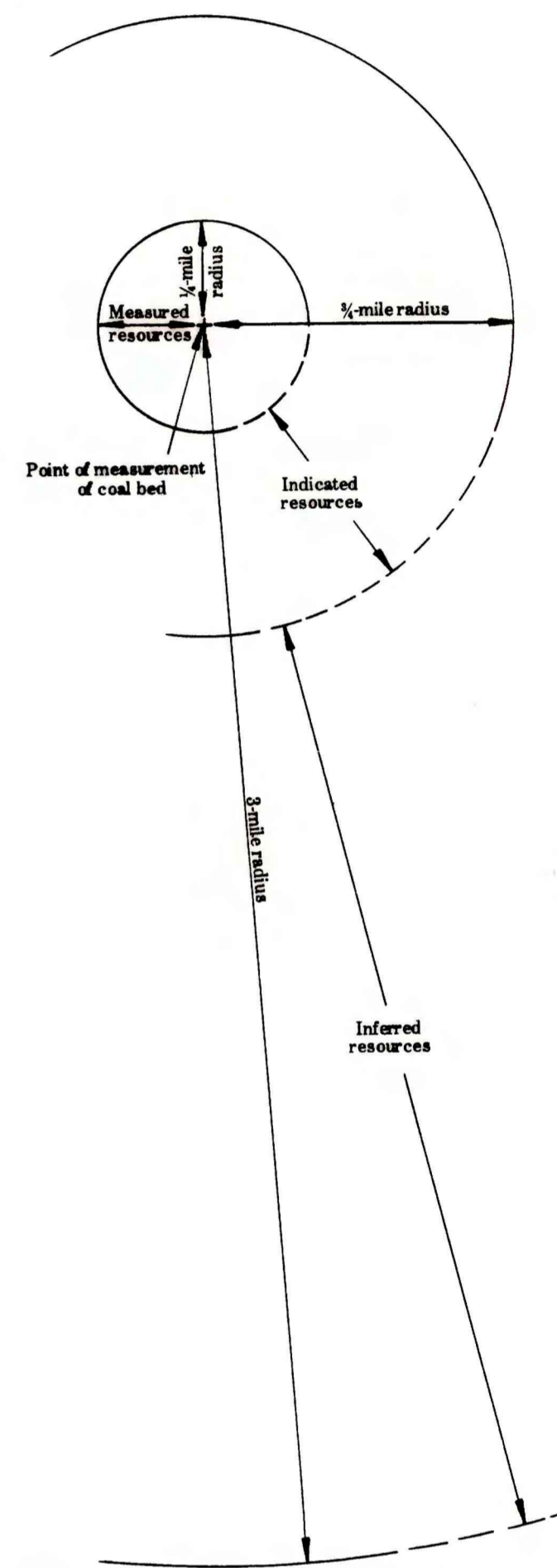
OPEN-FILE REPORT  
This report has not been edited for conformity with  
U.S. Geological Survey editorial standards or  
stratigraphic nomenclature.



**EXPLANATION**

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

**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 isopach. Arrows point toward area of coal 5 feet or more thick.



**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.

RB	R(85%)
—	—
—	—
3.27	2.78

**IDENTIFIED COAL RESOURCES**—Showing totals for Reserve Base (RB) and Reserves (R) in millions of short tons, for each section or parts 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).

**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.

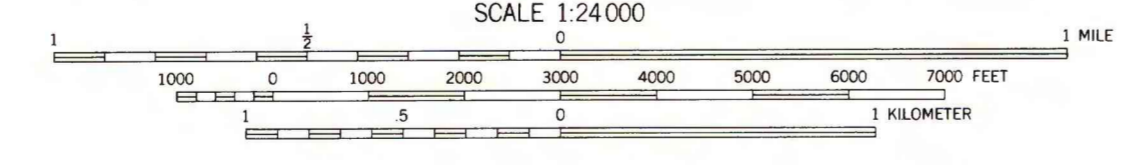
To convert short tons to metric tons, multiply short tons by 0.9072.

To convert feet to meters, multiply feet by 0.3048.

To convert miles to kilometers, multiply miles by 1.61.

RB	R(85%)
—	—
—	—
5.87	HYP

RB	R(85%)
—	—
—	—
1.79	HYP



**COAL RESOURCE OCCURRENCE MAP OF THE ROUGH DRAW QUADRANGLE, ROSEBUD COUNTY, MONTANA**

BY  
**COLORADO SCHOOL OF MINES RESEARCH INSTITUTE**  
1979

PLATE 15  
AREAL DISTRIBUTION AND TONNAGE  
MAP OF IDENTIFIED RESOURCES OF  
THE LOWER ROSEBUD SPLIT OF  
THE ROSEBUD COAL BED

Base map from U.S. Geological Survey, 1971

Compiled in 1977