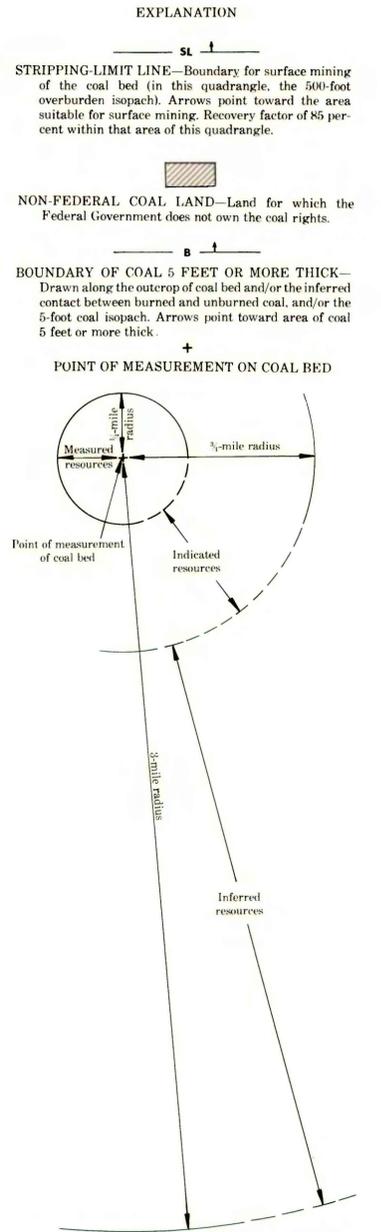
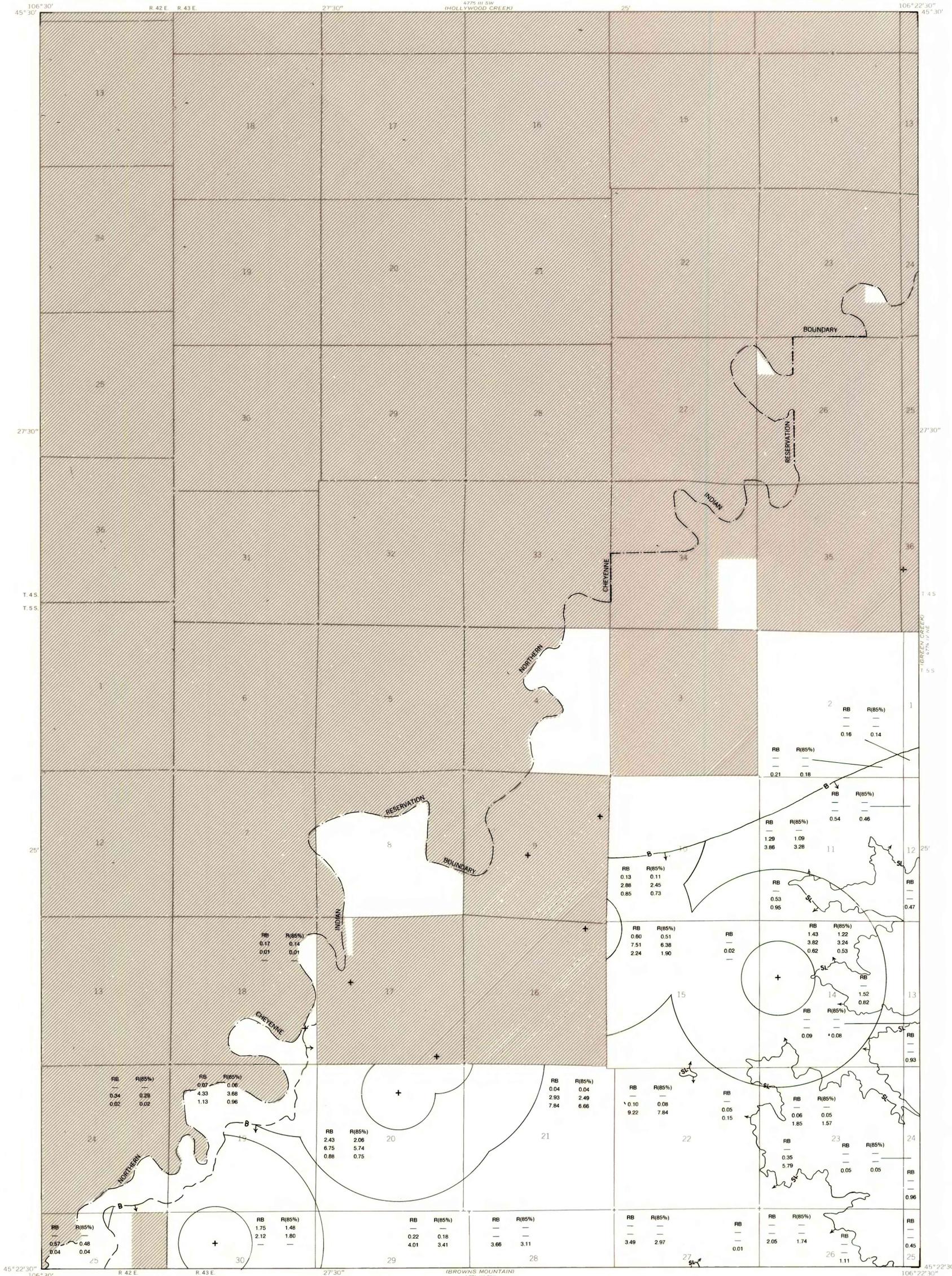


This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.



**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).

RB	R(85%)
1.52	— (Measured resources)
0.82	— (Indicated resources)
0.82	— (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.

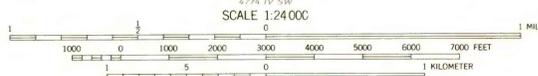
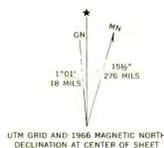
To convert short tons to metric tons, multiply short tons by 0.9072.

To convert feet to meters, multiply feet by 0.3048.

To convert yds<sup>3</sup>/ton to m<sup>3</sup>/metric ton, multiply yds<sup>3</sup>/ton by 0.842.

Base map from U.S. Geological Survey, 1966

Compiled in 1977



**COAL RESOURCE OCCURRENCE MAP OF THE BIRNEY DAY SCHOOL QUADRANGLE, ROSEBUD COUNTY, MONTANA**

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

**PLATE 21**  
**AREAL DISTRIBUTION AND TONNAGE**  
**MAP OF IDENTIFIED RESOURCES**  
**OF THE KING COAL BED**