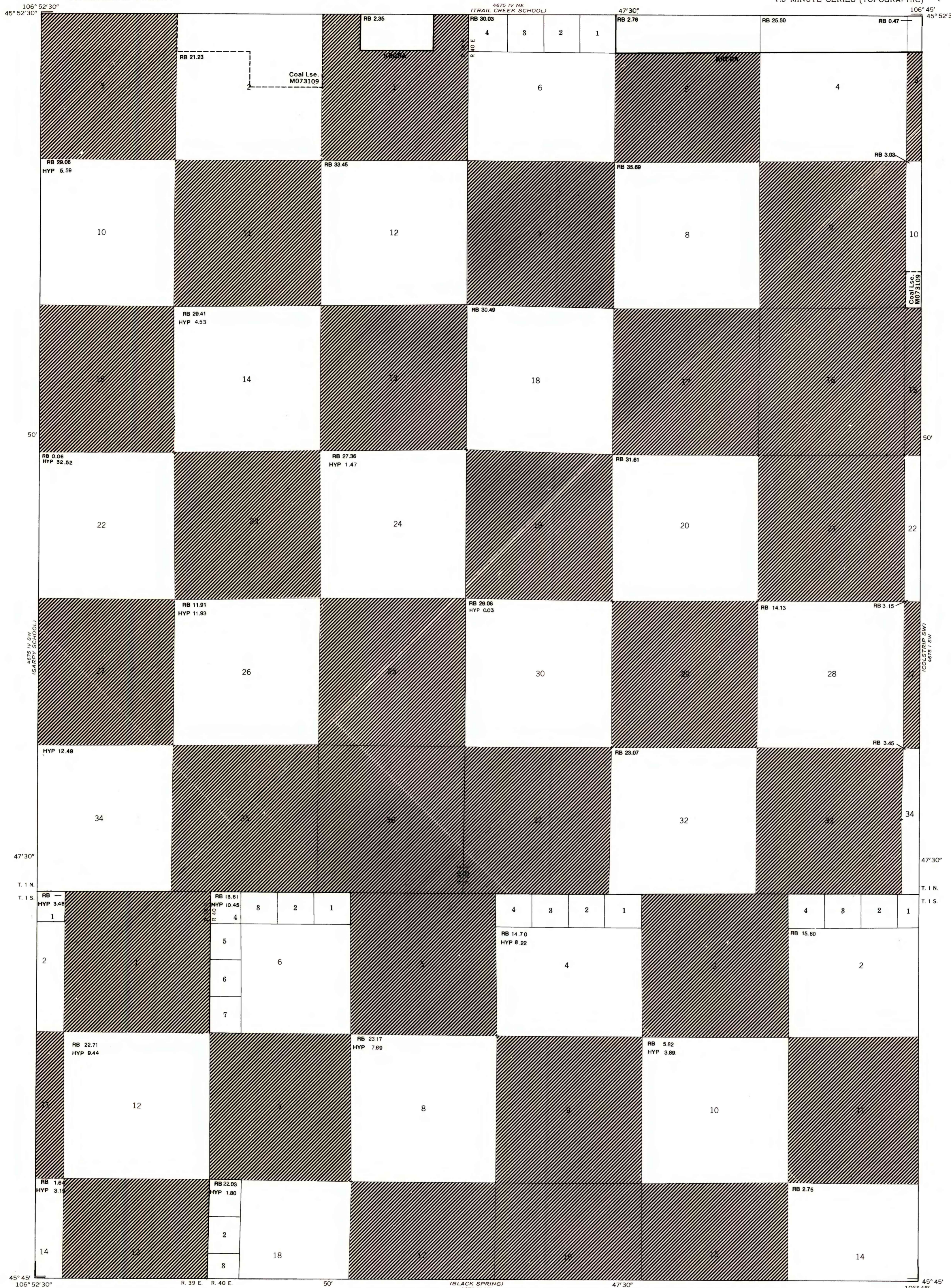


OPEN-FILE REPORT  
This report has not been edited for conformity with  
U.S. Geological Survey editorial standards or  
stratigraphic nomenclature.



EXPLANATION

**KRCRA**  
BOUNDARY OF KNOWN RECOVERABLE COAL RESOURCE AREA (KRCRA)—Area of KRCRA indicated by label.

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

**Coal Lse. M073109**  
TOTAL RESERVE BASE (RB) AND HYPOTHETICAL RESOURCES (HYP) OF COAL PER SECTION—In millions of short tons, calculated for each section of Federal land following the guidelines given in U.S. Geol. Survey Bull. 1450-B (1976). To convert short tons to metric tons, multiply short tons by 0.9072.

4	8	2	1
5	6		
6	6		
7	6		

SECTION OF LAND—Showing lots and lot numbers.

**Coal Lse. M073109**  
AREA OF COAL LEASE ON FEDERAL COAL LAND—Showing coal lease number. Area of Federal coal lands on which the Federal Government has entered into a contractual agreement for development of the coal deposits.

NOTE: BLM coal plat data indicating areas of coal ownership current as of August 9, 1977.

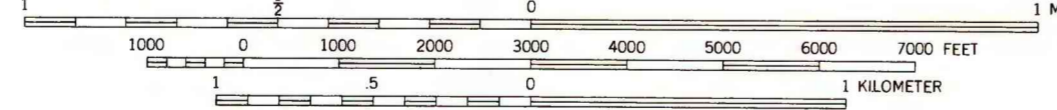
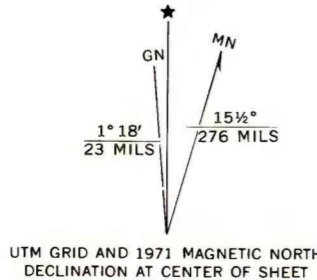
REFERENCE

U.S. Bureau of Mines and U.S. Geological Survey, 1976, Coal resource classification system of the U.S. Bureau of Mines and U.S. Geological Survey: U.S. Geol. Survey Bull. 1450-B, 7 p.

Base map from U.S. Geological Survey, 1971

(BLACK SPRING)  
4675 III NE  
SCALE 1:24 000

Compiled in 1977



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

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

PLATE 2  
BOUNDARY AND COAL  
DATA MAP