

OPEN-FILE REPORT  
This report has not been edited for con-  
formity with U.S. Geological Survey edito-  
rial standards or stratigraphic nomencla-  
ture

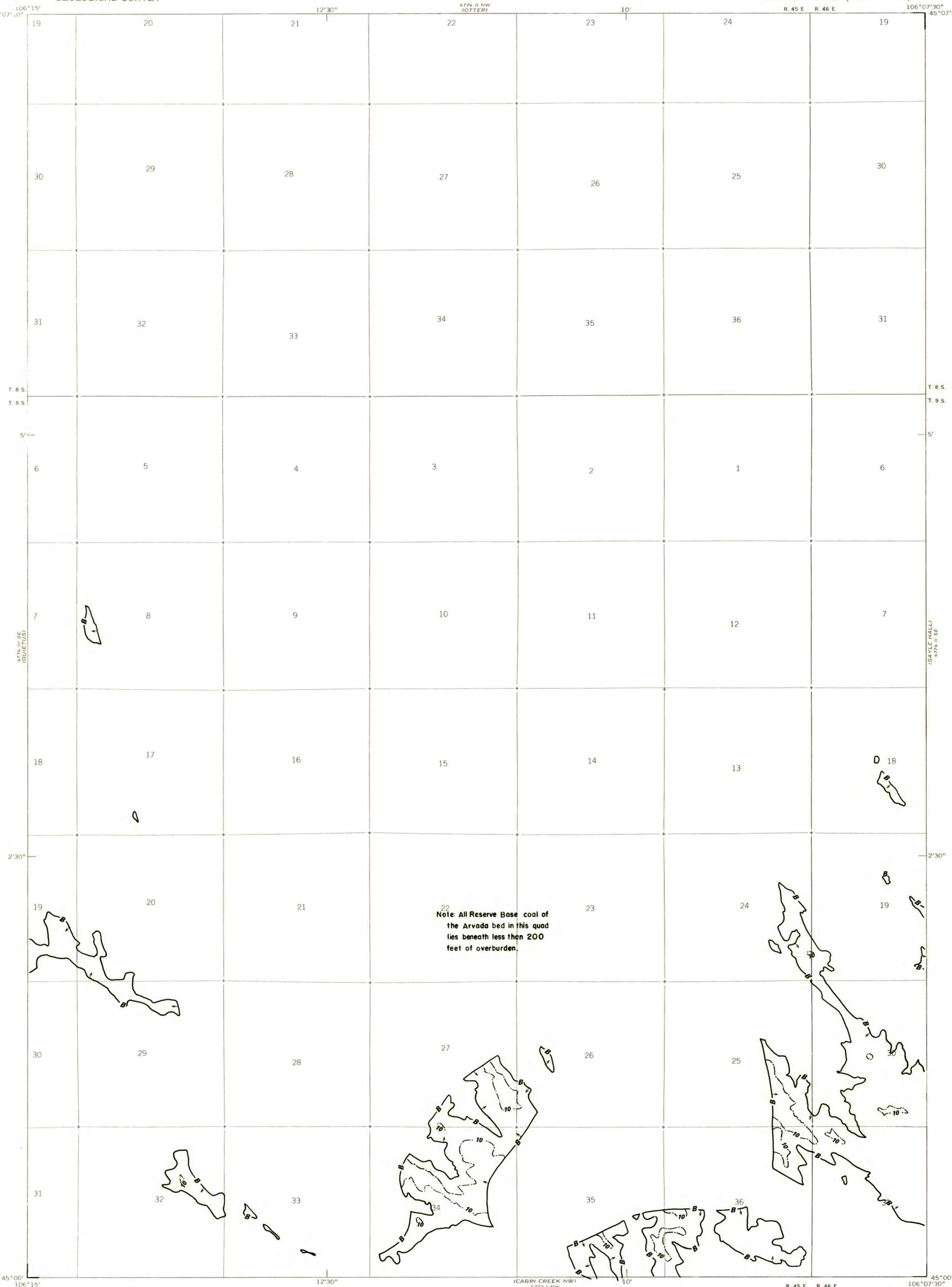
EXPLANATION

MINING RATIO CONTOUR--Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas within the stripping limit.

BOUNDARY OF RESERVE BASE COAL--Drawn along the outcrop of coal bed and the 5 foot (1.5 m) isopach. Arrows point toward area of Reserve Base coal.

To convert cubic yards of overburden per short ton of recoverable coal to cubic meters of overburden per metric ton of recoverable coal, multiply by 0.84.

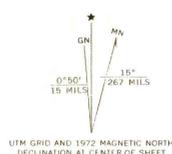
To convert feet to meters, multiply feet by 0.3.



Note: All Reserve Base coal of the Arvada bed in this quad lies beneath less than 200 feet of overburden.

Base from U.S. Geological Survey, 1969

Compiled in 1977



COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL  
MAPS OF THE BEAR CREEK SCHOOL QUADRANGLE,  
POWDER RIVER COUNTY, MONTANA

By  
E. J. McKay, B. A. BUTLER, AND L. N. ROBINSON  
1979

PLATE 6  
OVERBURDEN ISOPACH AND  
MINING RATIO MAP OF  
THE ARVADA COAL BED