

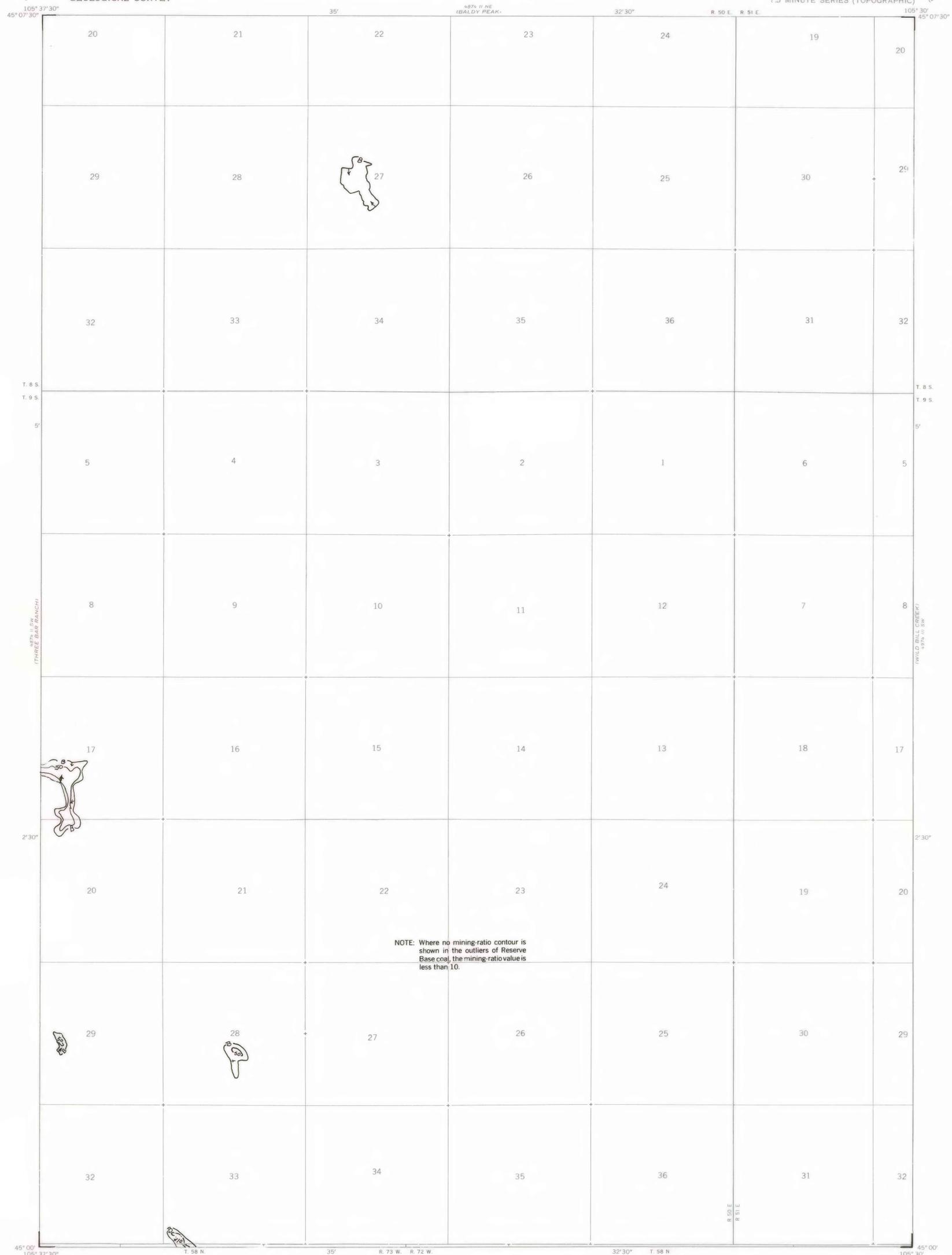
48° 51' 12" N  
105° 37' 30" W  
THREE BAR RANCH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

BAY HORSE QUADRANGLE  
MONTANA-WYOMING  
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-782  
PLATE 6 OF 27

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



**EXPLANATION**

**50**  
OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval 50 feet (15.2 m).

**B**  
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.

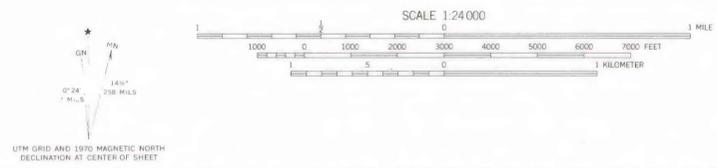
**10**  
MINING-RATIO CONTOUR—Number indicates cubic yards of overburden per short ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limits.

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, 1970

Compiled in 1977



**COAL RESOURCE OCCURRENCE MAP OF THE BAY HORSE QUADRANGLE,  
POWDER RIVER COUNTY, MONTANA AND CAMPBELL COUNTY, WYOMING  
BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1979**

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