

47° 14' N  
106° 22' 30" W  
(OPEN FILE 69)

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

OPEN FILE REPORT 78-039  
PLATE 36 OF 69

EXPLANATION

—200—  
OVERBURDEN ISOPACHS--Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval 200 feet (61 m).

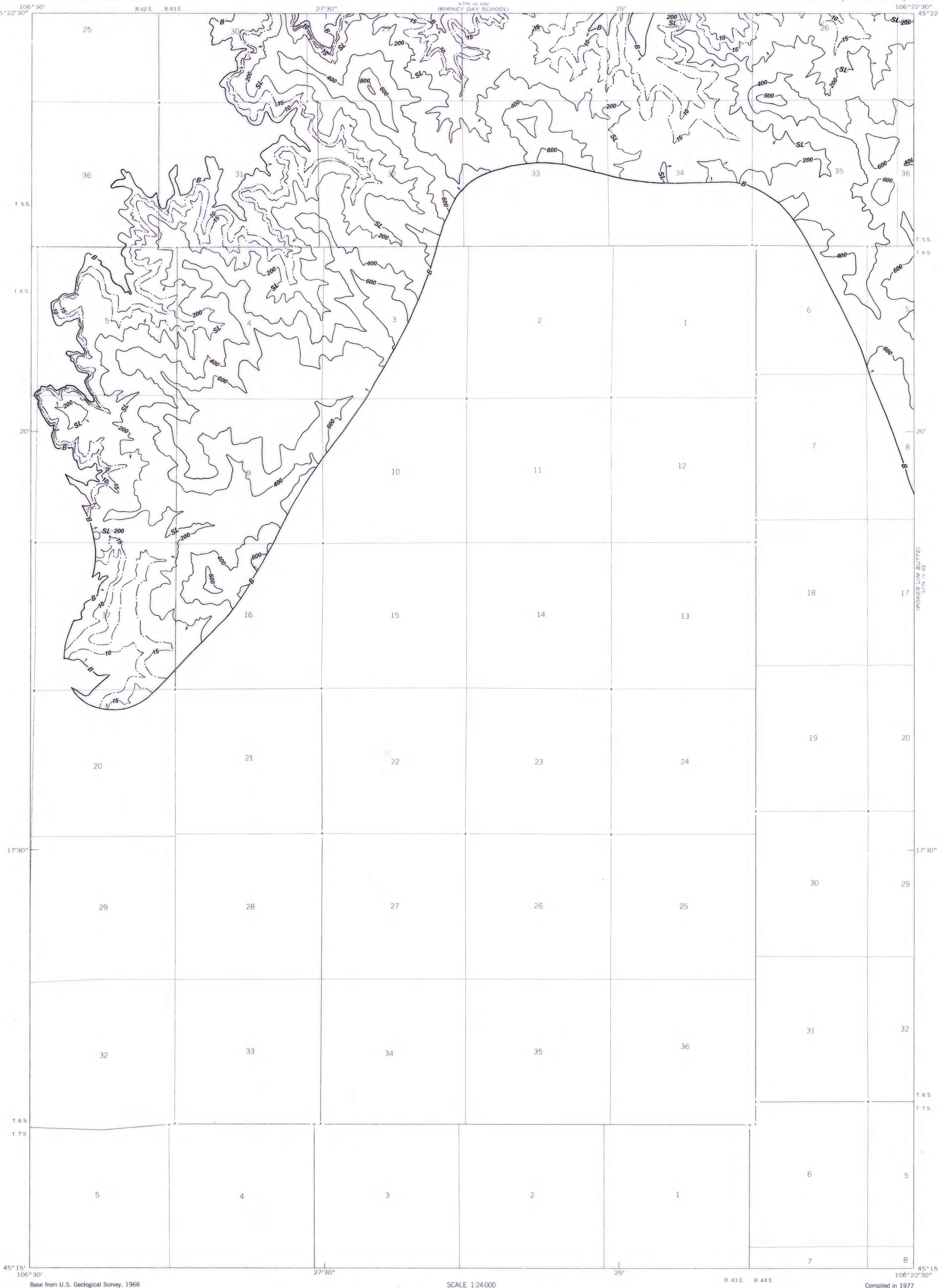
↑ — B — ↑  
BOUNDARY OF RESERVE BASE  
COAL--Drawn along the outcrop of coal bed or the contact between burned and unburned coal where the coal bed is 5 feet (1.5 m) or more thick, and the 5-foot (1.5-m) coal isopach. Arrows point toward area of Reserve Base coal.

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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.

↑ — SL — ↑  
STRIPPING-LIMIT LINE--Boundary for surface mining of the coal bed (in this quadrangle, the 200-foot-overburden isopach). Arrows point toward the area suitable for surface mining.

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.



COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE  
BROWNS MOUNTAIN QUADRANGLE, ROSEBUD COUNTY, MONTANA

BY  
W. J. MAPEL AND B. K. MARTIN  
1978

PLATE 36  
OVERBURDEN ISOPACH AND  
MINING-RATIO MAP OF  
THE POKER JIM COAL BED