

**OPEN-FILE REPORT**  
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.  
**OPEN FILE REPORT 78-030**  
**PLATE 20 OF 44**

**EXPLANATION**

— 3400 —  
— 3380 —

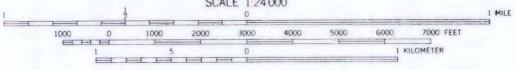
**STRUCTURE CONTOURS**—Drawn on top of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.

— 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 coal isopach. Arrows point toward area of Reserve Base coal. Number is altitude, in feet, of top of coal bed at triangle.

To convert feet to meters, multiply feet by 0.3.

Base from U.S. Geological Survey, 1967  
Compiled in 1977



**COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS  
OF THE BIRNEY QUADRANGLE, ROSEBUD COUNTY, MONTANA**  
BY  
**W. J. MAPEL AND B. K. MARTIN**  
1978

PLATE 20  
STRUCTURE CONTOUR MAPS  
OF THE KING COAL BED AND  
THE LOCAL COAL BED BELOW  
THE WALL COAL BED