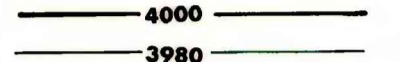


OPEN-FILE REPORT  
This report has not been edited for conformity with  
U.S. Geological Survey editorial standards or  
stratigraphic nomenclature.

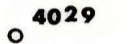
EXPLANATION



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

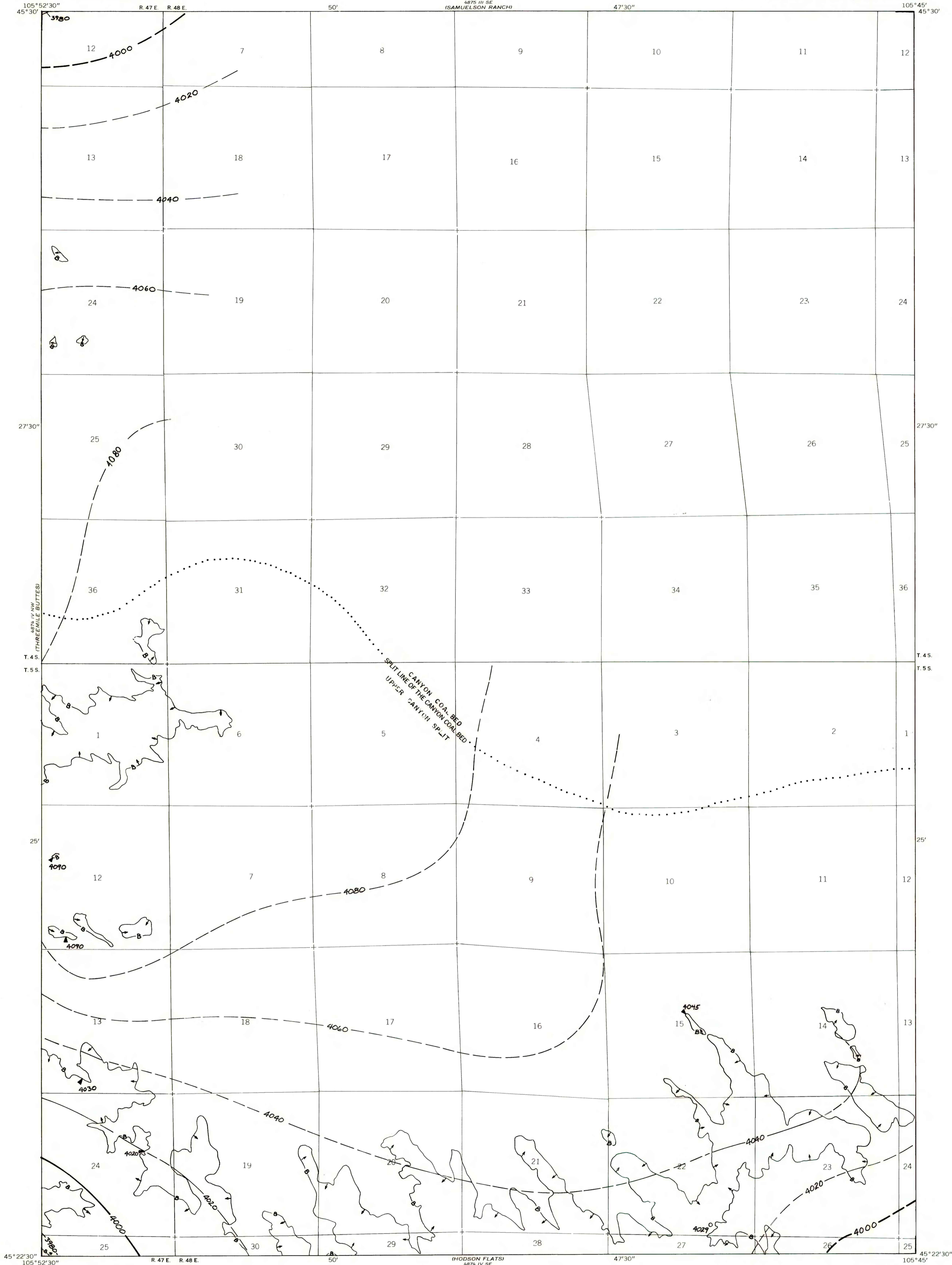


BOUNDARY OF COAL DEPOSIT—Drawn along the outcrop of the coal bed and/or the contact between burned and unburned coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward the coal-bearing area. Number at triangle is altitude, in feet, at the top of the coal bed taken from topographic map at a point of coal thickness measurement.



DRILL HOLE—Showing altitude at the top of the coal bed, in feet.

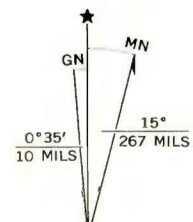
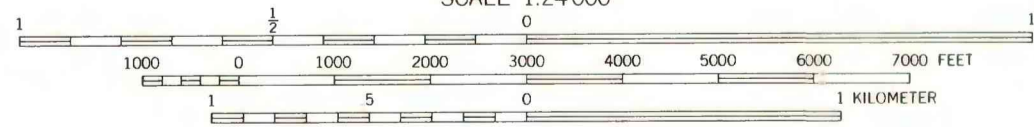
To convert feet to meters, multiply feet by 0.3048.



Base map from U.S. Geological Survey, 1966

SCALE 1:24,000

Compiled in 1977



COAL RESOURCE OCCURRENCE MAP OF THE SONNETTE QUADRANGLE,  
POWDER RIVER COUNTY, MONTANA

BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1979

PLATE 5  
STRUCTURE CONTOUR MAP OF THE  
CANYON COAL BED AND THE UPPER SPLIT  
OF THE CANYON COAL BED