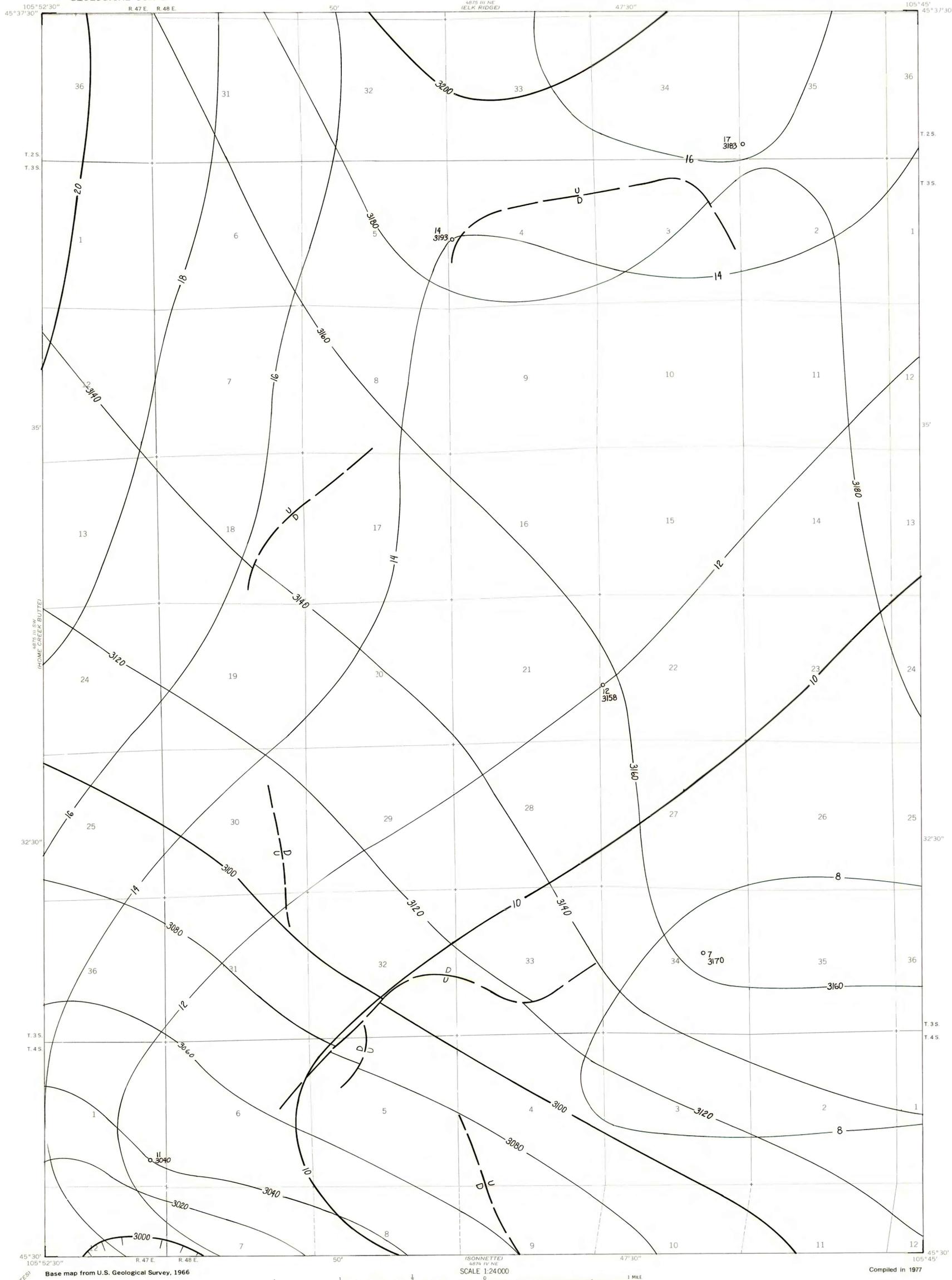


OPEN-FILE REPORT  
This report has not been edited for conformity with  
U.S. Geological Survey editorial standards or  
stratigraphic nomenclature.



**EXPLANATION**

————— 10 —————  
————— 12 —————  
ISOPACHS OF THE COAL BED—Showing thickness, in feet. Isopach interval 2 feet.

————— 3100 —————  
————— 3080 —————  
STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Hachures indicate a closed depression. Contour interval 20 feet (6.1 m). Datum is mean sea level.

————— U —————  
————— D —————  
FAULT—Dashed where approximately located. U, up-thrown side; D, downthrown side.

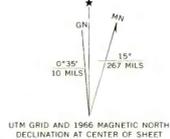
○ 11  
3040  
DRILL HOLE—Showing thickness and altitude at the top of the coal bed, in feet.

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 SAMUELSON RANCH QUADRANGLE,  
POWDER RIVER COUNTY, MONTANA**

**BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1979**