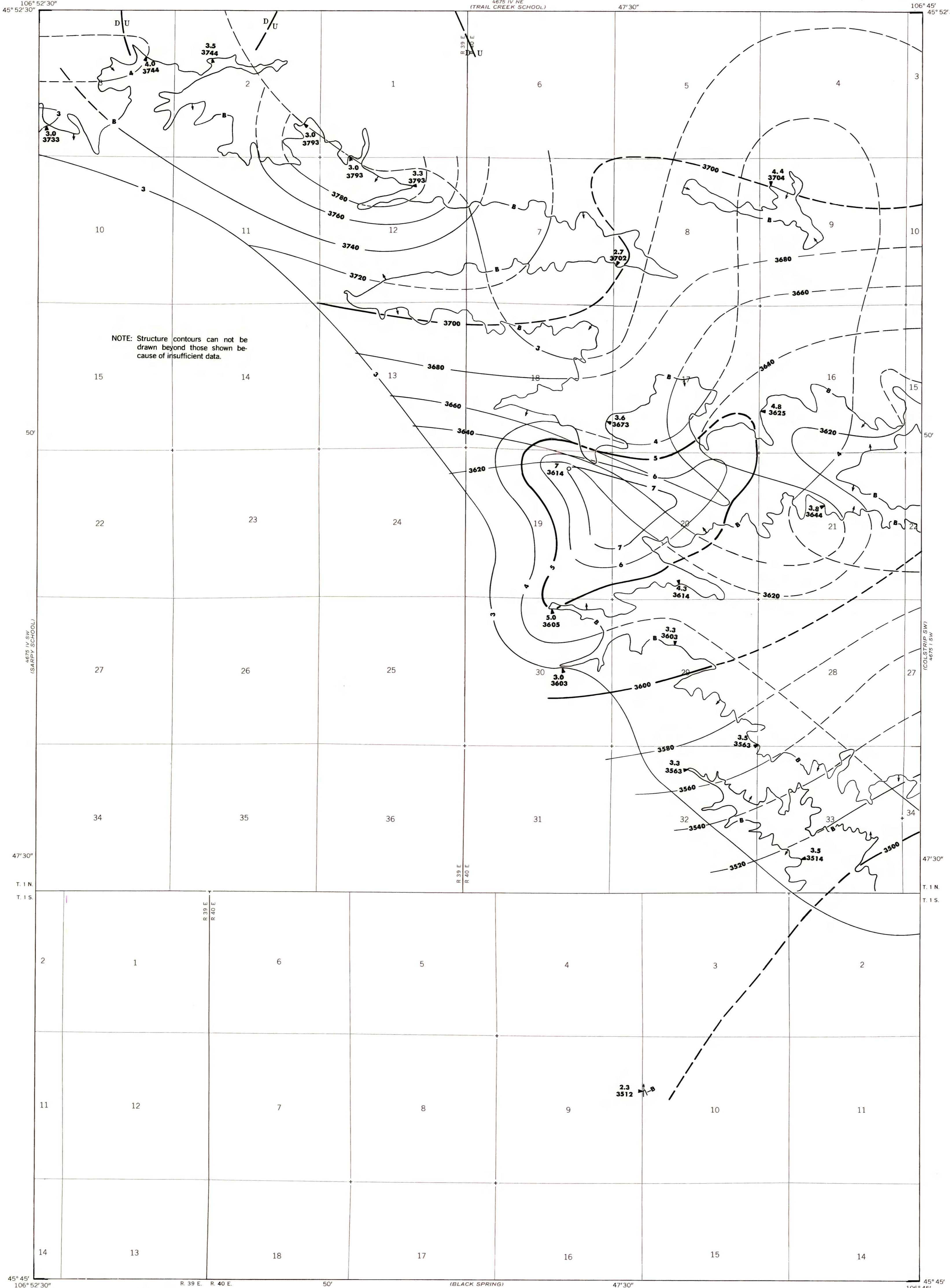


OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.



EXPLANATION

- 5
- 6
- ISOPACHS OF THE COAL BED**—Showing thickness, in feet. Isopach interval 1 foot.
- 3600
- 3580
- 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.
- 5.0
- 3605
- BOUNDARY OF COAL DEPOSIT**—Drawn along the outcrop of 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 coal-bearing area. Numbers are coal bed thickness and altitude on top of the coal bed, measured in feet.
- 7
- 3614
- 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.

**COAL RESOURCE OCCURRENCE MAP OF THE ROUGH DRAW
QUADRANGLE, ROSEBUD COUNTY, MONTANA**

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

**PLATE 7
ISOPACH AND STRUCTURE CONTOUR MAP OF
THE POPHAM COAL BED**