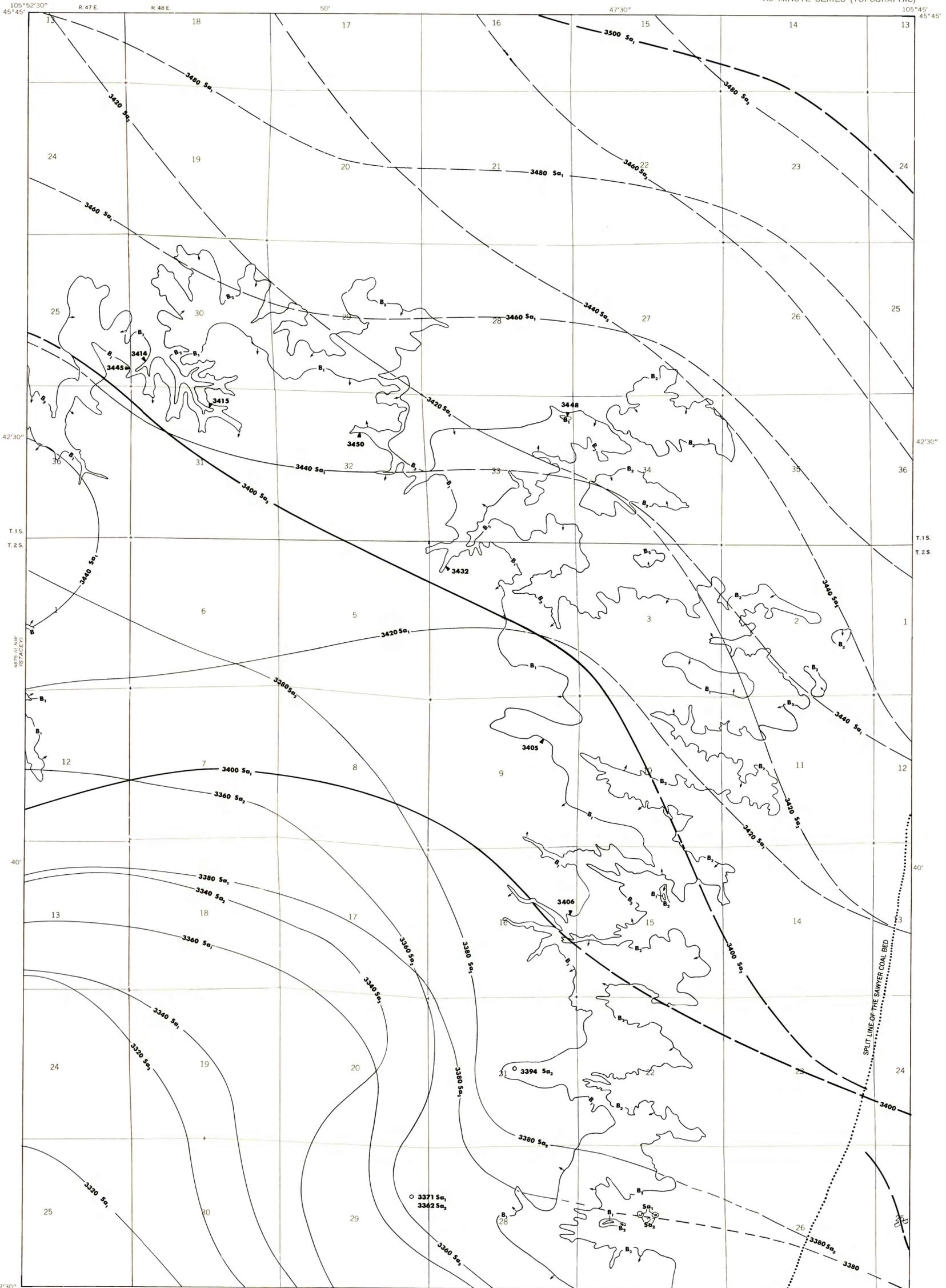


OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.



EXPLANATION

3400
3380
STRUCTURE CONTOURS—Drawn on the top of the Sawyer coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.

3400 Sa₁
3380 Sa₁
STRUCTURE CONTOURS—Drawn on the top of the Upper Sawyer split of the Sawyer coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.

3400 Sa₂
3380 Sa₂
STRUCTURE CONTOURS—Drawn on the top of the Lower Sawyer split of the Sawyer coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.

3405
B₁ **B₂**
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 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. Subscript number on B indicates which coal split boundary is shown.

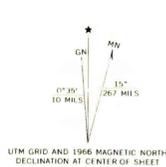
U
D
FAULT—Dashed where approximately located. U, up-thrown side; D, downthrown side.

3371 Sa₁
3362 Sa₂
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

(SAMUELSON RANCH)
4875 101 SE

SCALE 1:24,000



**COAL RESOURCE OCCURRENCE MAP OF THE ELK RIDGE QUADRANGLE,
POWDER RIVER COUNTY, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979**

Compiled in 1977

HOME CREEK BUTTE
4875 101 NW
(S. FACE)