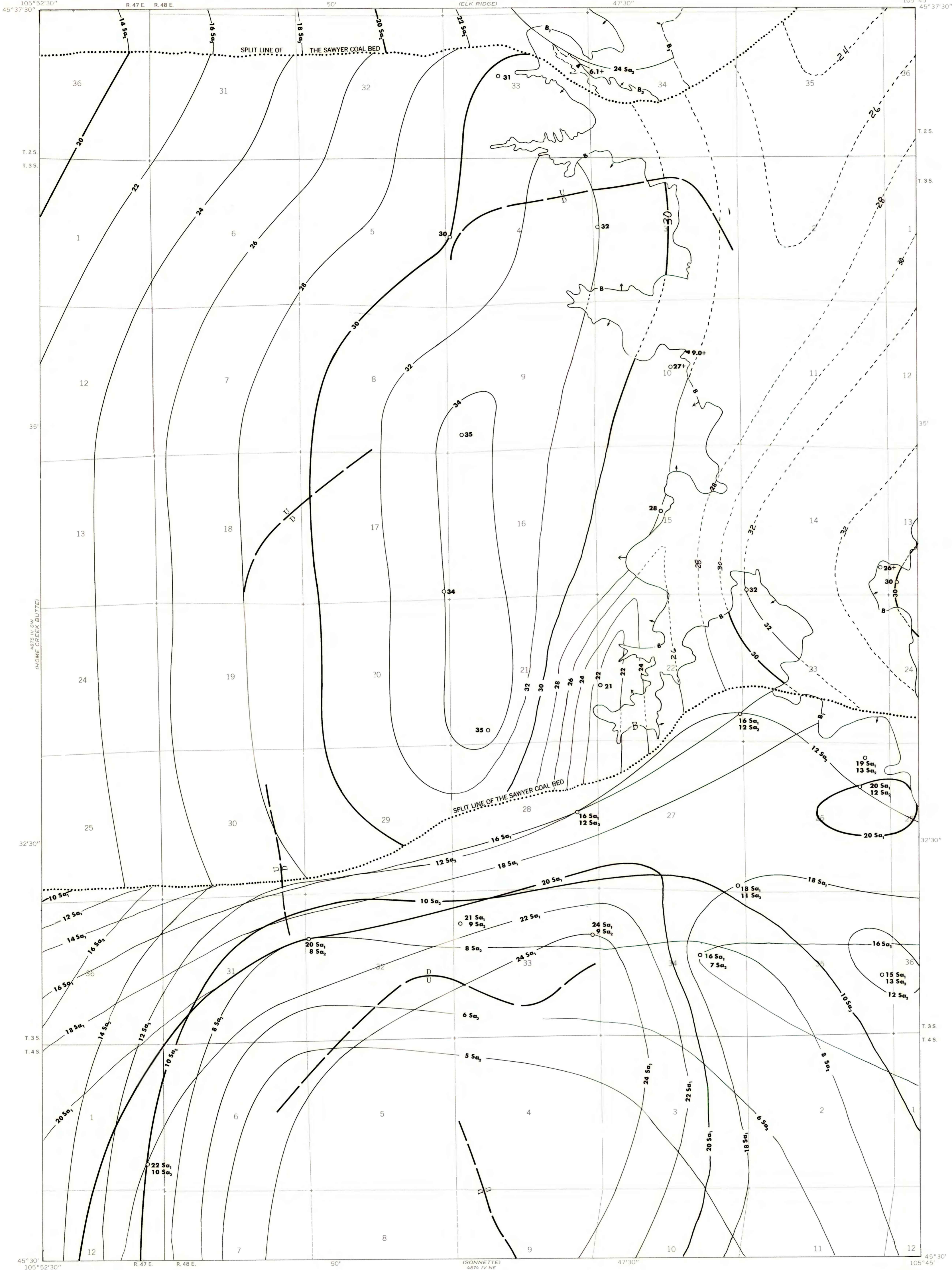


OPEN-FILE REPORT
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.



EXPLANATION

- 30 —
— 28 —
ISOPACHS OF THE SAWYER COAL BED—Showing thickness, in feet. Isopach interval 2 feet, with an intermediate 5-foot isopach.
 - 20 Sa₁ —
— 18 Sa₁ —
ISOPACHS OF THE UPPER SAWYER SPLIT OF THE SAWYER COAL BED—Showing thickness, in feet. Isopach interval 2 feet, with an intermediate 5-foot isopach.
 - 10 Sa₁ —
— 8 Sa₁ —
ISOPACHS OF THE LOWER SAWYER SPLIT OF THE SAWYER COAL BED—Isopach interval 2 feet, with an intermediate 5-foot isopach.
 - ▲ B ▼ 9.0+
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. Number is thickness of coal bed, in feet, measured at triangle. 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.
 - 24 Sa₁
○ 9 Sa₁
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
UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
QUADRANGLE LOCATION

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