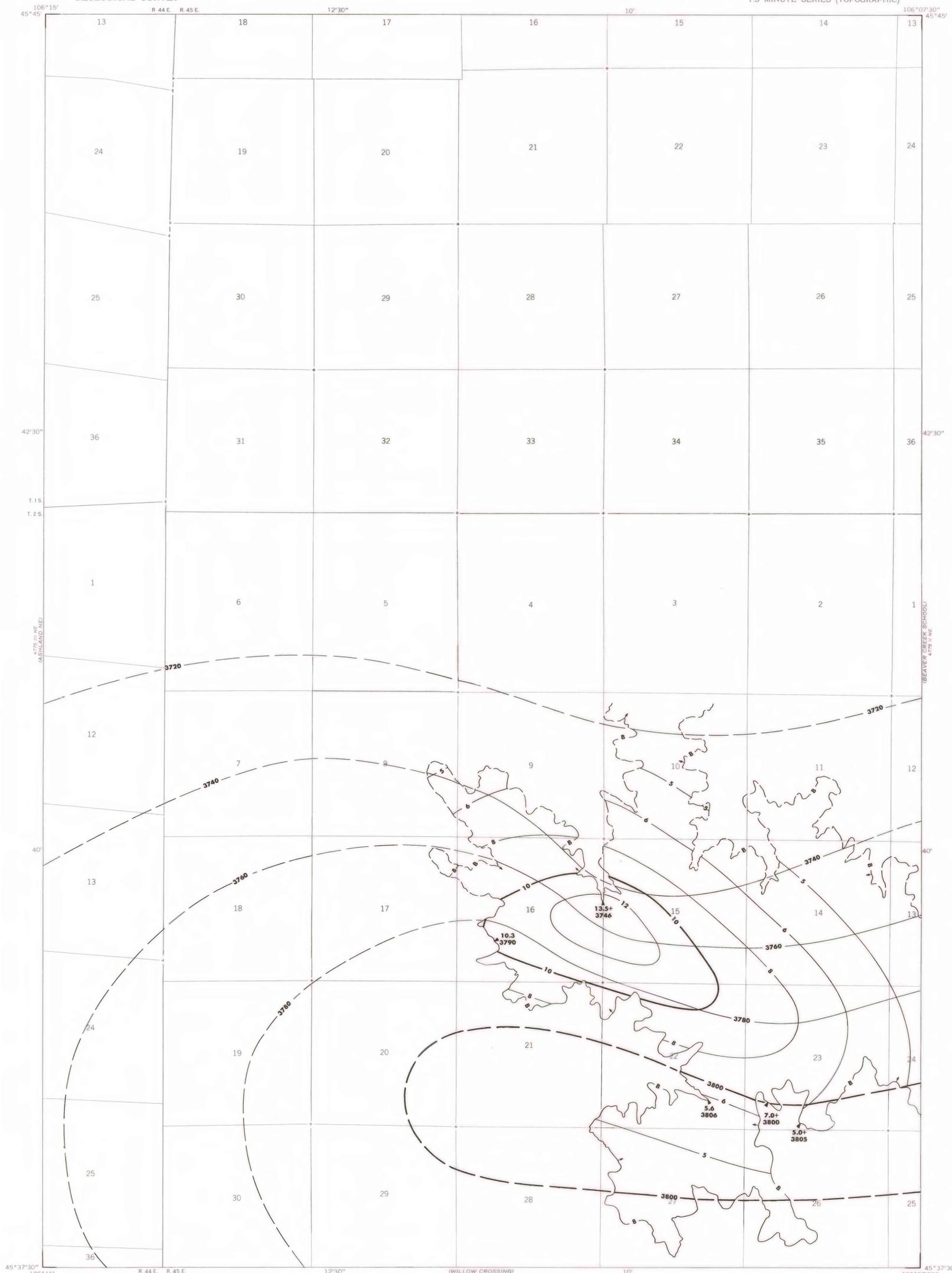


OPEN-FILE REPORT
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COOK CREEK RESERVOIR QUADRANGLE
MONTANA
7.5 MINUTE SERIES (TOPOGRAPHIC)



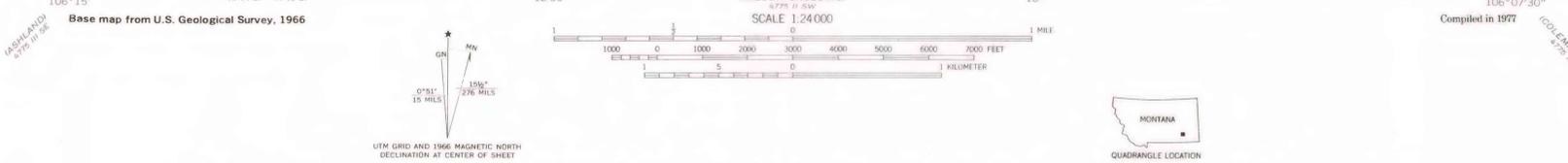
EXPLANATION

————— 10 —————
————— 8 —————
ISOPACHS OF THE COAL BED—Showing thickness, in feet. Isopach interval 2 feet, with an intermediate 5-foot isopach.

————— 3800 —————
————— 3780 —————
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.

————— 13.5+ —————
————— 3746 —————
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 at triangle are coal bed thickness and altitude at the top of the coal bed measured in feet. Plus (+) sign after number indicates incomplete measurement.

To convert feet to meters, multiply feet by 0.3048.



**COAL RESOURCE OCCURRENCE MAP OF THE COOK CREEK RESERVOIR
QUADRANGLE, POWDER RIVER AND ROSEBUD COUNTIES, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979**