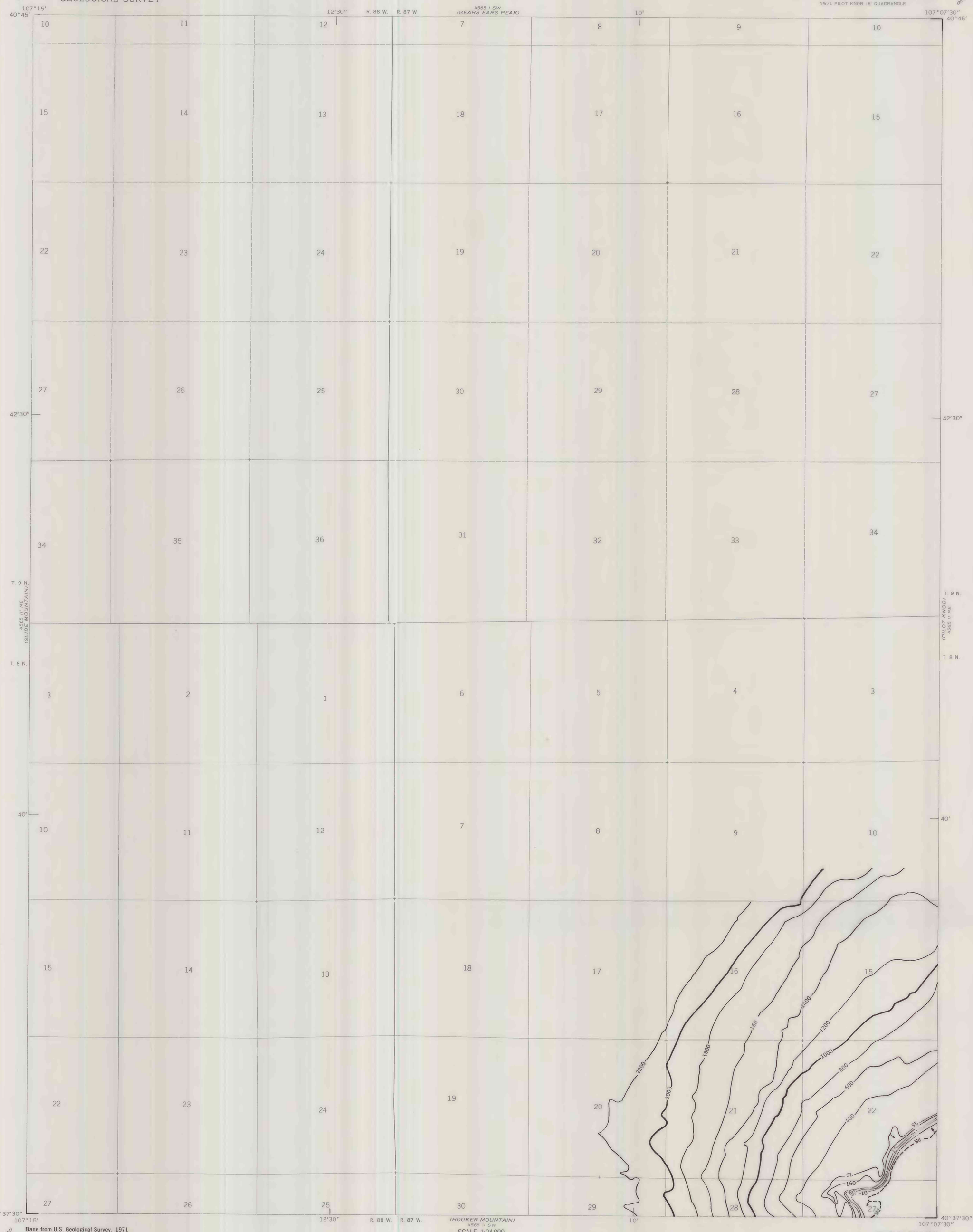
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

QUAKER MOUNTAIN QUADRANGLE
COLORADO—ROUTT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 PILOT KNOB 15' QUADRANGLE

OPEN FILE REPORT 78-625
PLATE 6 OF 12



EXPLANATION

1000
800

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from the surface to top of the Wadge coal bed. Isopach interval is 80 feet (24.4 m) over strippable coal and 200 feet (61.0 m) beyond the stripping-limit line.

Wd

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed. Arrow points toward coal-bearing area. Short dashed where inferred by present authors.

SL

STRIPPING-LIMIT LINE - Boundary for surface mining (in this quadrangle, the 200-foot-overburden isopach). Arrow points toward area suitable for surface mining.

15

MINING RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Mining ratio contours shown only in areas underlain by coal greater than or equal to Reserve Base thickness and within the stripping limit.

To convert feet to meters, multiply feet by 0.3048.

Base from U.S. Geological Survey, 1971

Compiled in 1977/1978

SCALE 1:24000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

GN
MN
1°25'
25 MILS
14½°
258 MILS

UTM GRID AND 1971 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

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

COAL RESOURCE OCCURRENCE MAP OF THE QUAKER MOUNTAIN QUADRANGLE, ROUTT COUNTY, COLORADO

BY
DAMES & MOORE
1978

PLATE 6

OVERBURDEN ISOPACH AND MINING RATIO CONTOUR MAP OF THE WADGE COAL BED