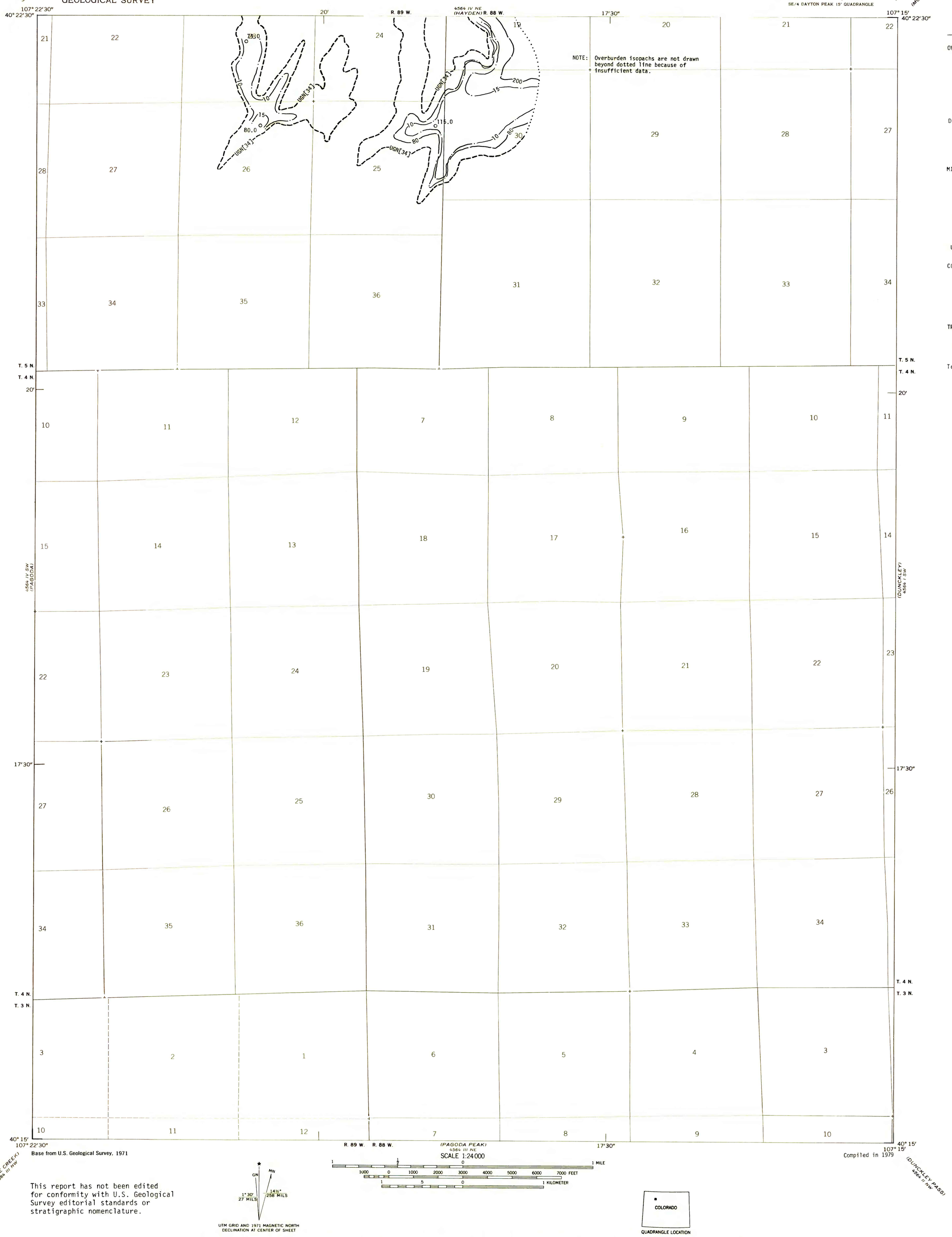
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HAYDEN GULCH QUADRANGLE
COLORADO—ROUTT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 DAYTON PEAK 15' QUADRANGLE

OPEN FILE REPORT 79-1395
PLATE 10 OF 41



EXPLANATION

200

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 80 feet. Isopach interval 80 feet (24 m) over strippable coal and 200 feet (61 m) beyond the stripping-limit line.

115

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

10

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

UGN[34] - Upper Coal Group, zone N, coal bed [34]

COAL BED SYMBOL AND NAME - Coal bed identified by bracketed numbers is not formally named, but is numbered for identification purposes in this quadrangle only.

UGN[34]

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Short dashed where projected by present authors.

To convert feet to meters, multiply feet by 0.3048.

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

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE HAYDEN GULCH QUADRANGLE, ROUTT COUNTY, COLORADO

BY

DAMES & MOORE

1979

PLATE 10

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE UPPER COAL GROUP, ZONE N, COAL BED [34]