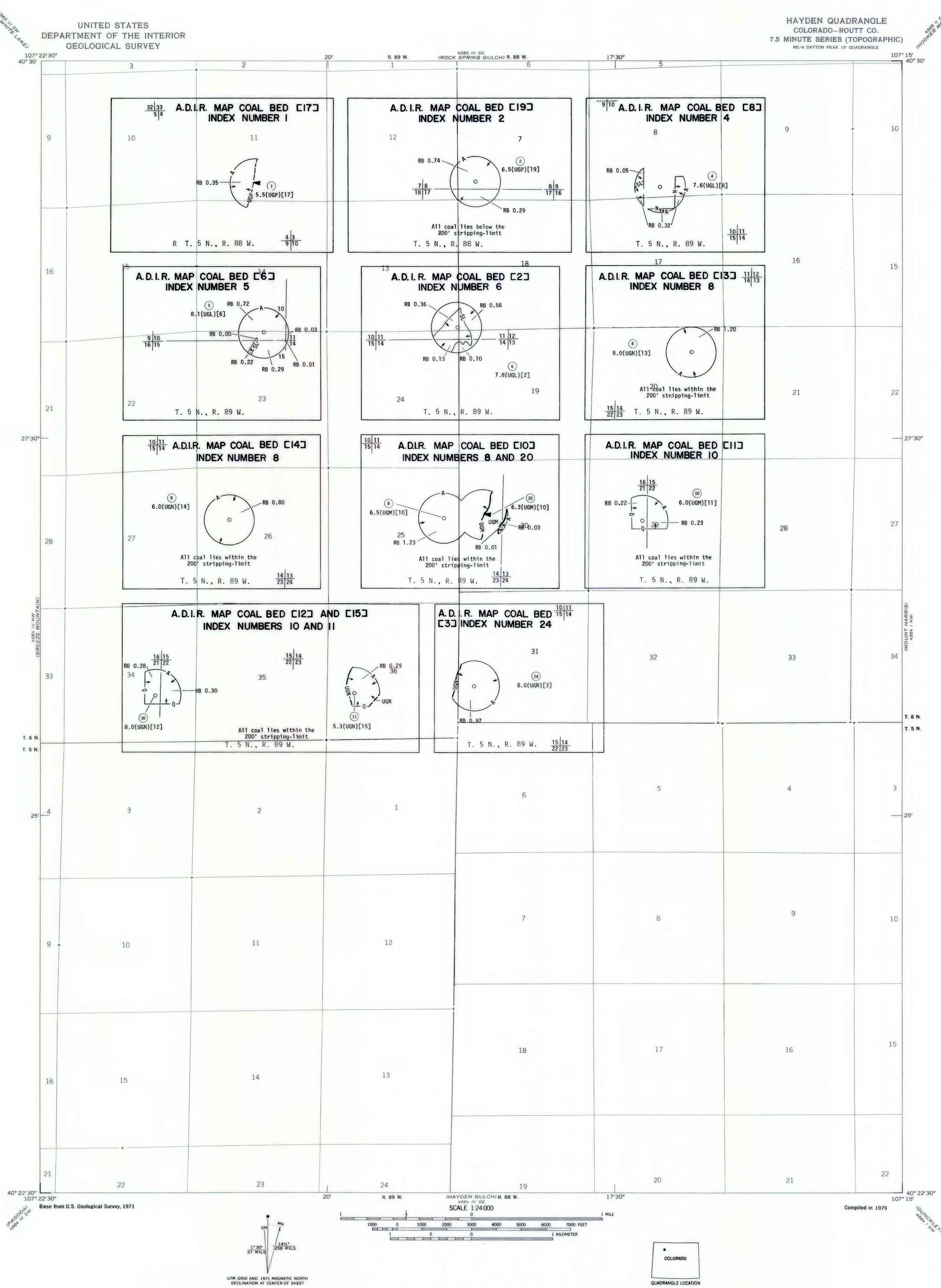
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

OPEN FILE REPORT 79-825

PLATE 10 OF 12



EXPLANATION

④ o 7.6(UGL)[8]

DRILL HOLE - Showing thickness of coal, in feet. Index number refers to hole on plate 1 of CRO map or in table of text. Letters designate name of coal bed or zone as listed below. Bracketed number identifies coal bed named on plates 1 or 3.

① 5.5(UGP)[17]

POINT OF MEASUREMENT - Showing thickness of coal, in feet. Includes all points of measurement other than drill holes. Index number refers to hole on plate 1 of CRO map or in table of text. Letters designate name of coal bed or zone as listed below. Bracketed number identifies coal bed named on plates 1 or 3.

UG - Upper Group, undifferentiated
UGP - Upper Group, zone P
UGN - Upper Group, zone N
UGM - Upper Group, zone M
UGL - Upper Group, zone L
UGK - Upper Group, zone K

COAL BED SYMBOLS AND NAMES - Coal beds or zones identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

UGP – – – – – –

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed or zone as listed above. 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.

A

BOUNDARY OF IDENTIFIED RESERVE BASE COAL - Drawn along the coal bed outcrop, an arc (A) drawn 1,000 feet from the nearest point of Reserve Base coal bed measurement, the quadrangle boundary (Q), and the non-Federal coal ownership boundary (N). Arrow points toward area of identified Reserve Base coal.

RB 0.35

IDENTIFIED COAL RESOURCES - Showing total for Reserve Base (RB), in millions of short tons, for each section or part(s) of section of non-leased Federal coal land, either within or beyond the stripping-limit.

To convert short tons to metric tons, multiply short tons by 0.9072.

To convert feet to meters, multiply feet by 0.3048.

SCALE - 1:24,000 (1 inch = 2,000 feet)

Base from U.S. Geological Survey, 1971

Compiled in 1979

SCALE 1:24000

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

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 HAYDEN QUADRANGLE, ROUTT COUNTY, COLORADO

BY

DAMES & MOORE

1979

PLATE 10

AREAL DISTRIBUTION AND IDENTIFIED RESOURCES MAP OF NON-ISOPACHED COAL BEDS AND THE LOCAL UPPER GROUP, ZONE M, COAL BED [10]