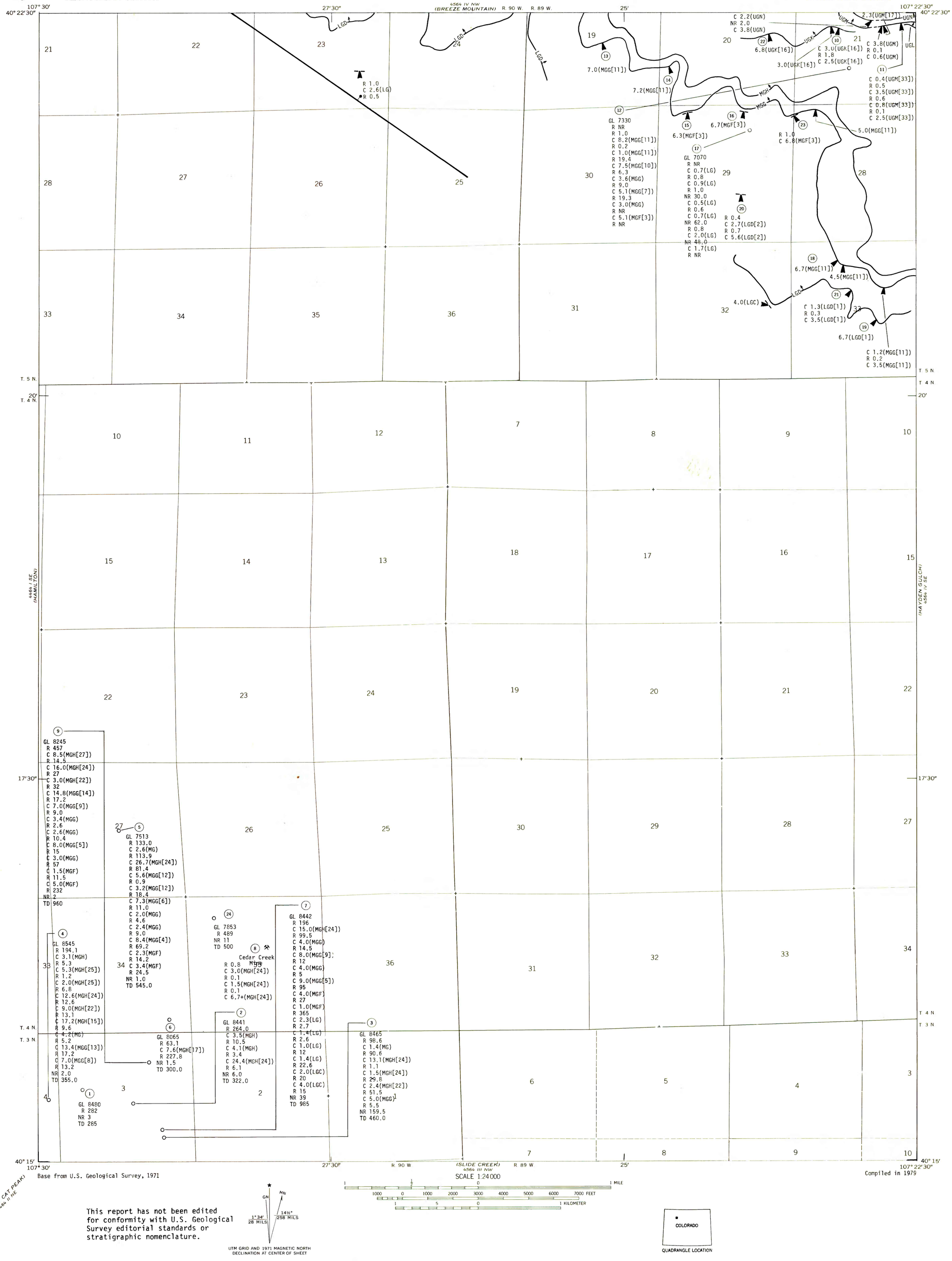
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PAGODA QUADRANGLE
COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 DATON PEAK 15' QUADRANGLE

OPEN FILE REPORT 79-1394
PLATE 1 OF 22



Base from U.S. Geological Survey, 1971

SCALE 1:24 000

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

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

QUADRANGLE LOCATION

Compiled in 1979

EXPLANATION

(6) GL 8065
R 63.1
C 7.6(MGH[20])
R 227.8
NR 1.5
TD 300.0

COAL TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole on plate 3 of CRO map or in table of text. Letters designate name of coal bed as listed below. Coal beds identified with bracketed numbers are not formally named but have been numbered for identification purposes in this quadrangle only.

(8) Cedar Creek Mine
R 0.8
C 3.0(MGH[18])
R 0.1
C 1.5(MGH[18])
R 0.1
C 6.7+(MGH[18])

MINE MEASURED SECTIONS - Abandoned underground mine, showing mine name, if known, and rock interval and coal thickness, in feet. Index number refers to section on plate 3 or in table of text. Letters designate name of coal bed as listed below.

R 1.0
C 2.6(LG)
R 0.5

OUTCROP MEASURED SECTION - Showing rock interval and coal thickness, in feet. Letters designate name of coal bed as listed below. Coal beds identified with bracketed numbers are not formally named but have been numbered for identification purposes in this quadrangle only.

GL - Ground level elevation
R - Rock interval
C - Coal interval
NR - No record
TD - Total depth

DRILL HOLE AND MEASURED-SECTION DATA SYMBOLS

UGN - Upper Coal Group, zone N
UGM - Upper Coal Group, zone M
UGL - Upper Coal Group, zone L
UGK - Upper Coal Group, zone K
MG - Middle Coal Group, undifferentiated
MGH - Middle Coal Group, zone H
MGG - Middle Coal Group, zone G
MGF - Middle Coal Group, zone F
LG - Lower Coal Group, undifferentiated
LGD - Lower Coal Group, zone D
LGC - Lower Coal Group, zone C

COAL ZONE SYMBOLS AND NAMES

(11) C 0.4(UGM[21])
R 0.5
C 3.5(UGM[21])
R 0.6
C 0.8(UGM[21])
R 0.1
C 2.5(UGM[21])
UGM

TRACE OF COAL BED OUTCROP - Showing thickness of coal (and rock), in feet, measured at triangle. Index number refers to section on plate 3 or in table of text. Letters or bracketed numbers designate name of coal bed or zone as listed above. Arrow points toward coal-bearing area. Dashed line indicates inferred outcrop. Trace of outcrop modified (from original data source) to fit modern topographic map.

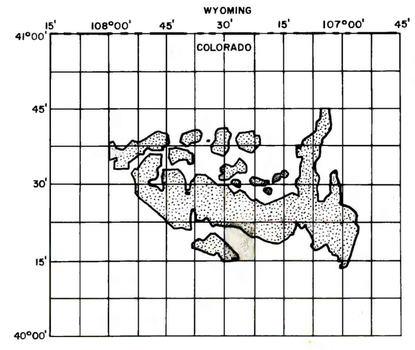
To convert feet to meters, multiply feet by 0.3048.

REFERENCES

Bass, N. W., Eby, J. B., and Campbell, M. R., 1955, Geology and mineral fuels in parts of Routt and Moffat Counties, Colorado: U.S. Geol. Survey Bull. 1027-D, p. 143-250.

Meyer, R. F., 1977, Geophysical logs of 22 holes drilled in 1976 in the Yampa coal field, Moffat County, northwestern Colorado: U.S. Geol. Survey Open-File Report 77-118, 6 p.

_____1978, Geophysical logs of 20 holes drilled in 1977 in the Yampa coal field, Hamilton Horse Gulch, and Pagoda quadrangles, Moffat County, Colorado: U.S. Geol. Survey Open-File Report 78-366, 8 p.



MAP SHOWING LOCATION OF THE PAGODA QUADRANGLE (SHADED) AND THE YAMPA KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), COLORADO

COAL RESOURCE OCCURRENCE MAP OF THE PAGODA QUADRANGLE, ROUTT AND MOFFAT COUNTIES, COLORADO

BY

DAMES & MOORE

1979

PLATE 1
COAL DATA MAP