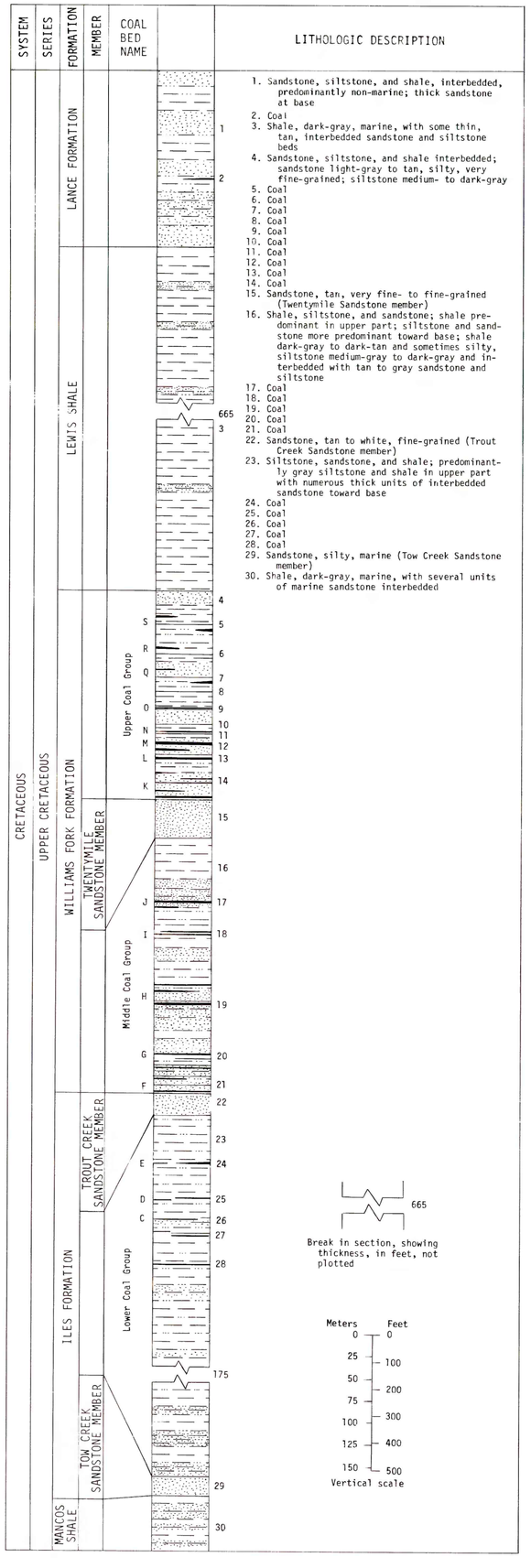
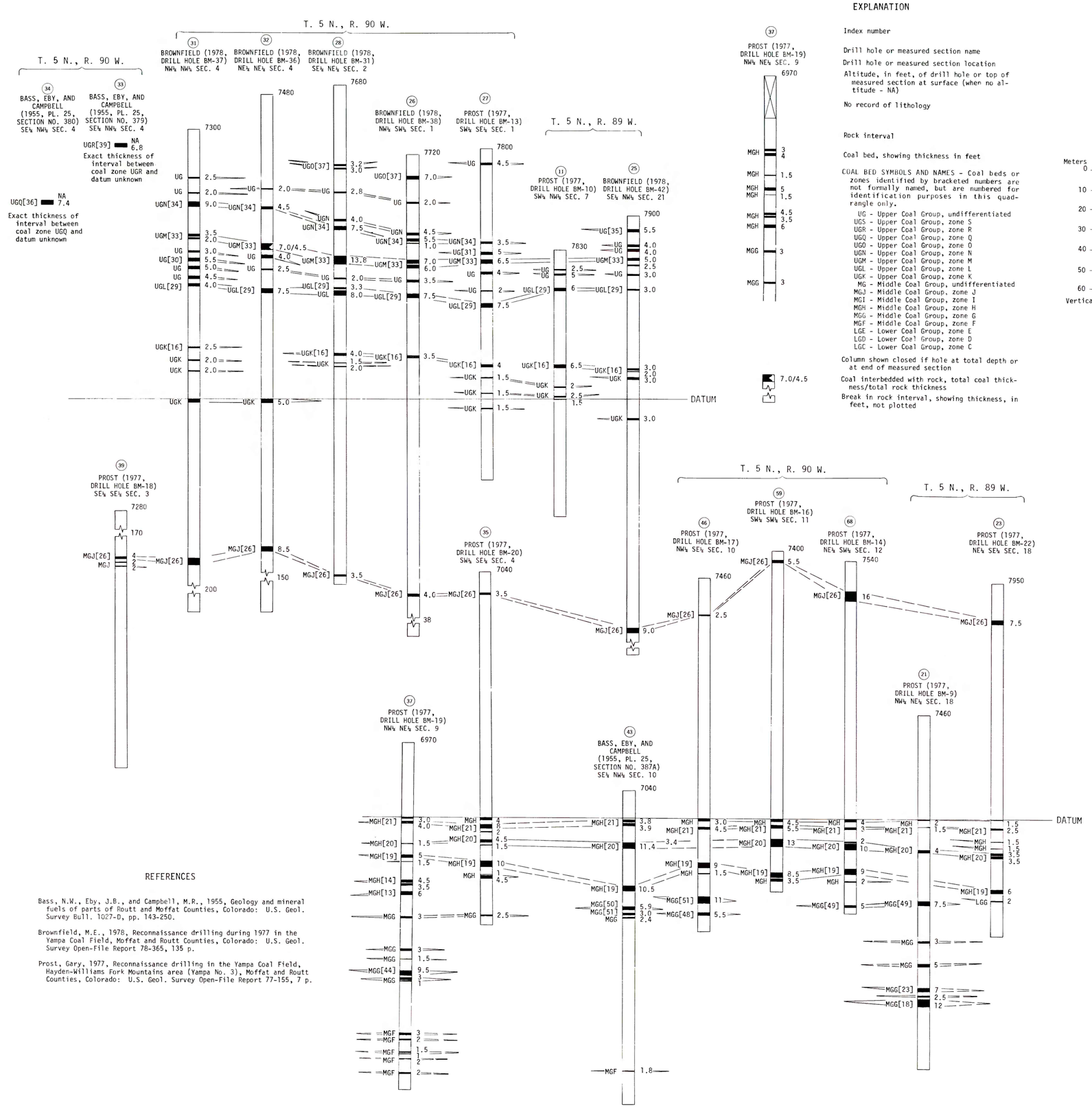
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMPOSITE COLUMNAR SECTION



1. Sandstone, siltstone, and shale, interbedded, predominantly non-marine; thick sandstone at base
2. Coal
3. Shale, dark-gray, marine, with some thin, tan, interbedded sandstone and siltstone beds
4. Sandstone, siltstone, and shale interbedded; sandstone light-gray to tan, silty, very fine-grained; siltstone medium- to dark-gray
5. Coal
6. Coal
7. Coal
8. Coal
9. Coal
10. Coal
11. Coal
12. Coal
13. Coal
14. Coal
15. Sandstone, tan, very fine- to fine-grained (Twentymile Sandstone member)
16. Shale, siltstone, and sandstone; shale predominant in upper part; siltstone and sandstone more predominant toward base; shale dark-gray to dark-tan and sometimes silty, siltstone medium-gray to dark-gray and interbedded with tan to gray sandstone and siltstone
17. Coal
18. Coal
19. Coal
20. Coal
21. Coal
22. Sandstone, tan to white, fine-grained (Trout Creek Sandstone member)
23. Siltstone, sandstone, and shale; predominantly gray siltstone and shale in upper part with numerous thick units of interbedded sandstone toward base
24. Coal
25. Coal
26. Coal
27. Coal
28. Coal
29. Sandstone, silty, marine (Tow Creek Sandstone member)
30. Shale, dark-gray, marine, with several units of marine sandstone interbedded

CORRELATION OF COAL BEDS IN DRILL HOLES AND MEASURED SECTIONS



EXPLANATION

Index number

Drill hole or measured section name

Drill hole or measured section location

Altitude, in feet, of drill hole or top of measured section at surface (when no altitude - NA)

No record of lithology

Rock interval

Coal bed, showing thickness in feet

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.

- UG - Upper Coal Group, undifferentiated
- UGS - Upper Coal Group, zone S
- UGR - Upper Coal Group, zone R
- UGQ - Upper Coal Group, zone Q
- UGO - Upper Coal Group, zone O
- 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
- MGJ - Middle Coal Group, zone J
- MGI - Middle Coal Group, zone I
- MGH - Middle Coal Group, zone H
- MGG - Middle Coal Group, zone G
- MGF - Middle Coal Group, zone F
- LGE - Lower Coal Group, zone E
- LGD - Lower Coal Group, zone D
- LGC - Lower Coal Group, zone C

Column shown closed if hole at total depth or at end of measured section

Coal interbedded with rock, total coal thickness/total rock thickness

Break in rock interval, showing thickness, in feet, not plotted

Meters — Feet — Vertical scale

REFERENCES

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

Brownfield, M.E., 1978, Reconnaissance drilling during 1977 in the Yampa Coal Field, Moffat and Routt Counties, Colorado: U.S. Geol. Survey Open-File Report 78-365, 135 p.

Prost, Gary, 1977, Reconnaissance drilling in the Yampa Coal Field, Hayden-Williams Fork Mountains area (Yampa No. 3), Moffat and Routt Counties, Colorado: U.S. Geol. Survey Open-File Report 77-155, 7 p.

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

BY

DAMES & MOORE

1979

Compiled in 1979

PLATE 3
Sheet 1 of 2
COAL DATA SHEET

OPEN FILE REPORT 79-1393
PLATE 3 OF 38

Base from U.S. Geological Survey, 1971

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