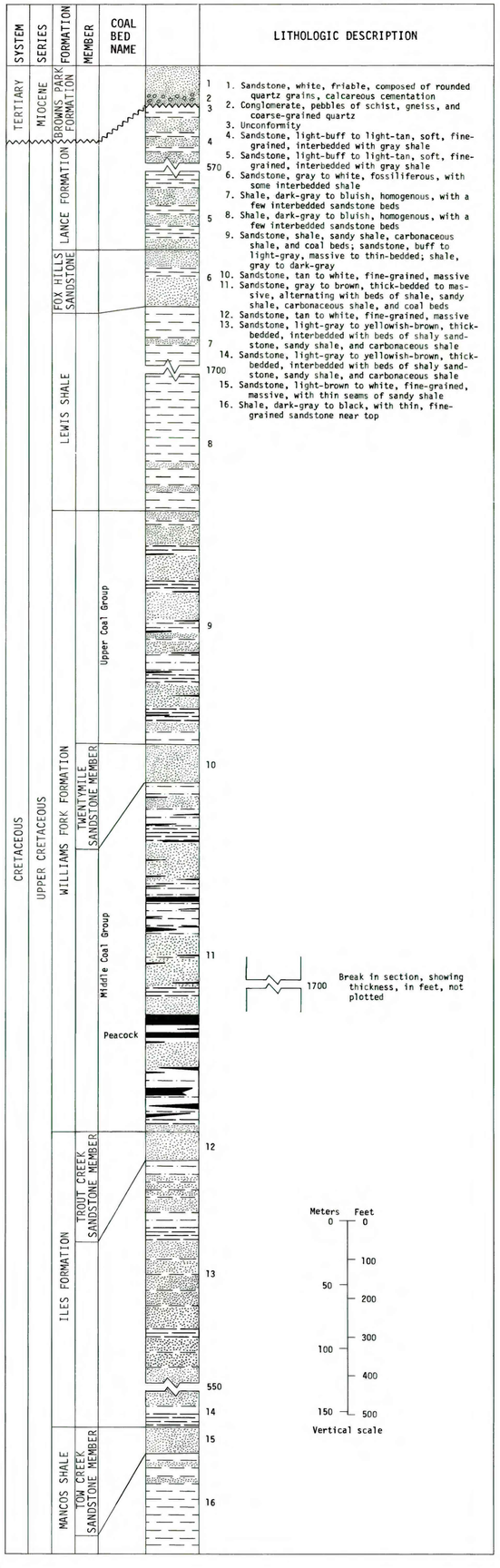
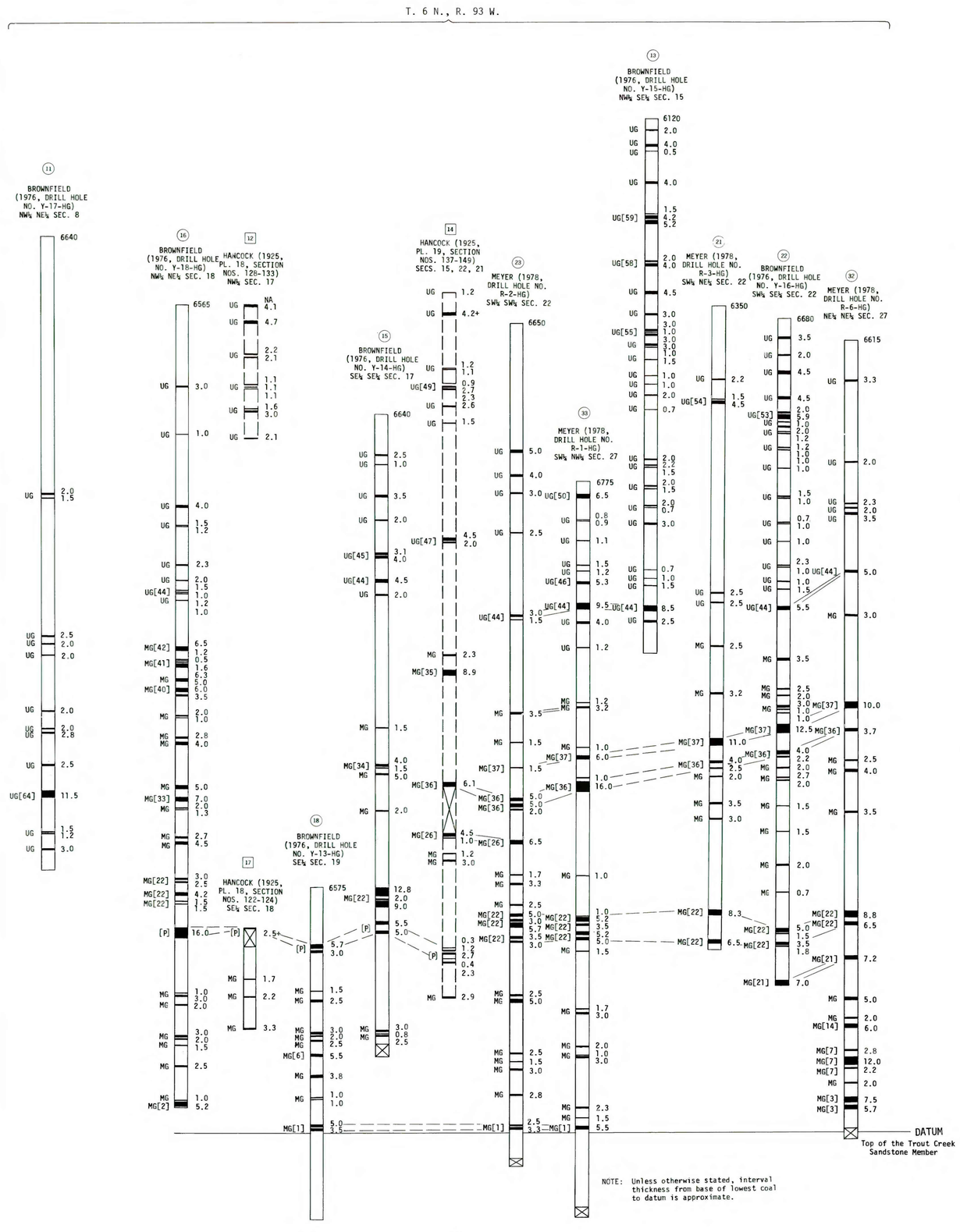
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN FILE REPORT 79-882
PLATE 3 OF 65

COMPOSITE COLUMNAR SECTION



CORRELATION OF COAL BEDS IN DRILL HOLES AND MEASURED SECTIONS



NOTE: Unless otherwise stated, interval thickness from base of lowest coal to datum is approximate.

EXPLANATION

31 BROWNFIELD (1976, DRILL HOLE NO. Y-19-HG) NW¼ SW¼ SEC. 26 — Index number; Drill hole or measured section name; Drill hole or measured section location

6710 — Altitude, in feet, of drill hole or top of measured section at surface (when no altitude - NA)

UG 2.5 — Rock interval

UG 3.5 — Coal bed, showing thickness in feet

No record of lithology

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

UG 5.0 — Coal bed symbols and names - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

WF - Williams Fork, undifferentiated
UG - Upper Coal Group
MG - Middle Coal Group
P - Peacock

12 HANCOCK (1925, PL. 18, SECTION NOS. 128-133) NW¼ SEC. 17 — Index number, square indicates composite measured section; Composite measured section name

Composite measured section location

NA — Altitude, in feet, of top of composite measured section (when no altitude - NA)

UG 4.7 — Rock interval, thickness is estimated on composite

UG 2.2 — Coal bed, showing thickness in feet

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

REFERENCES

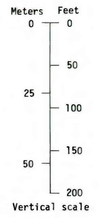
Brownfield, M.E., 1976, Geophysical logs of seventeen holes drilled in the Yampa coal field, northwestern Colorado: U.S. Geol. Survey Open-File Report 76-817, 4 p.

Hancock, E.T., 1925, Geology and coal resources of the Axial and Monument Butte quadrangles, Moffat County, Colorado: U.S. Geol. Survey Bull. 757, 134 p.

Johnson, E.A., 1978, Geophysical logs for 18 holes drilled during 1977 in the Round Bottom area, Yampa coal field, Moffat County, Colorado: U.S. Geol. Survey Open-File Report 78-229.

Meyer, R.F., 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.

U.S. Geol. Survey, 1962, Inactive coal prospecting permit Nos. Colorado 066620, 066621, and 066623, Utah Construction and Mining Co.



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

Compiled in 1979

PLATE 3
SHEET 1 OF 2
COAL DATA SHEET

COAL RESOURCE OCCURRENCE MAP OF THE HORSE GULCH QUADRANGLE, MOFFAT COUNTY, COLORADO

BY
DAMES & MOORE

1979