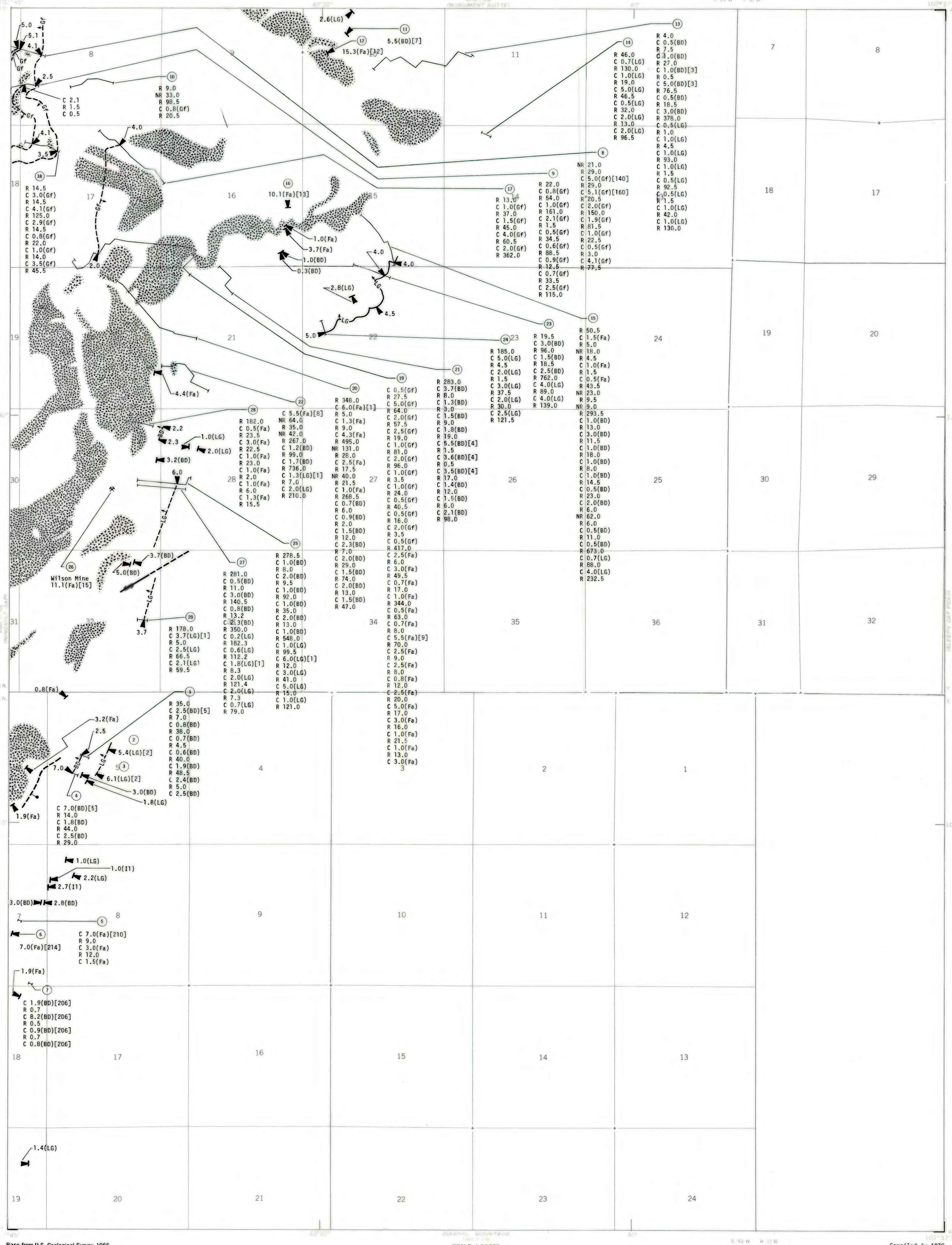
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

THORNBURGH QUADRANGLE
COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)



Base from U.S. Geological Survey, 1966

Compiled in 1979

SCALE 1:24 000

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

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

PLATE 1 OF 12

EXPLANATION

26
11.1(Fa)[15]
Wilson Mine

MINE MEASURED SECTIONS - Showing coal thickness, in feet, and name of mine, if known. Index number refers to section on plate 3 or in table of text. Letters (or bracketed numbers) designate name of coal bed(s) as listed below.

11
5.5(BD)[7]

10
R 140.5
C 0.8(Gf)
R 20.5

OUTCROP MEASURED SECTION - Showing coal thickness, in feet. Index number refers to section on plate 3 of CRO map or in table of text. Letters or bracketed numbers designate name of coal bed(s) as listed below. Trace of measured section, if extensive, shown by line.

NR - No record
R - Rock interval
C - Coal interval

MEASURED-SECTION DATA SYMBOLS

Gf - Goff coal group
Fa - Fairfield coal group
Il - Iles Formation, undifferentiated
BD - Black Diamond coal group
LG - Lower coal group

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.

2
5.4[2]
LG

TRACE OF COAL BED OUTCROP - Showing thickness of coal, in feet, measured at triangle. Letters or bracketed numbers designate name of coal bed as listed above. Arrow points toward coal-bearing area. Dashed where inferred. Trace of outcrop modified (from original data source) to fit modern topographic map.

TRACE OF FAULT - Arrows and symbols designate direction of movement. Dashed where inferred.

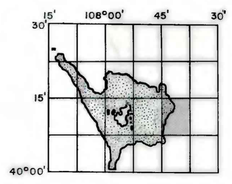
BURNED AND CLINKERED COAL - Showing area of baked and fused rock (v symbol). Dotted line indicates the inferred limit of burning.

To convert feet to meters, multiply feet by 0.3048.

REFERENCES

Dyni, J. R., 1966b, Measured sections of the Mesaverde Group and list of fossils collected from the Mancos Shale and Mesaverde Group, Thornburg area, Moffat and Rio Blanco Counties, Colorado: U.S. Geol. Survey Oil and Gas Invest. Map OM-216.

Reheis, M. J., (no date), Geologic map of the Thornburg quadrangle, Moffat and Rio Blanco Counties, Colorado: U.S. Geol. Survey, in preparation.



MAP SHOWING LOCATION OF THE THORNBURGH QUADRANGLE (SHADED) AND THE DANFORTH HILLS KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), COLORADO

COAL RESOURCE OCCURRENCE MAP OF THE THORNBURGH QUADRANGLE, RIO BLANCO AND MOFFAT COUNTIES, COLORADO

BY

DAMES & MOORE

1979

PLATE 1
COAL DATA MAP