UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CASTOR GULCH QUADRANGLE
COLORADO—MOFFAT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 MONUMENT BUTTE 15 QUADRANGLE

OPEN FILE REPORT 79-820

PLATE 5A OF 12

EXPLANATION

200

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed or zone. Overburden isopach interval is 100 or 200 feet (31 or 61 m) over strippable coal and 100 feet (31 m) beyond the stripping-limit line.

○ 307

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed or zone.

15

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

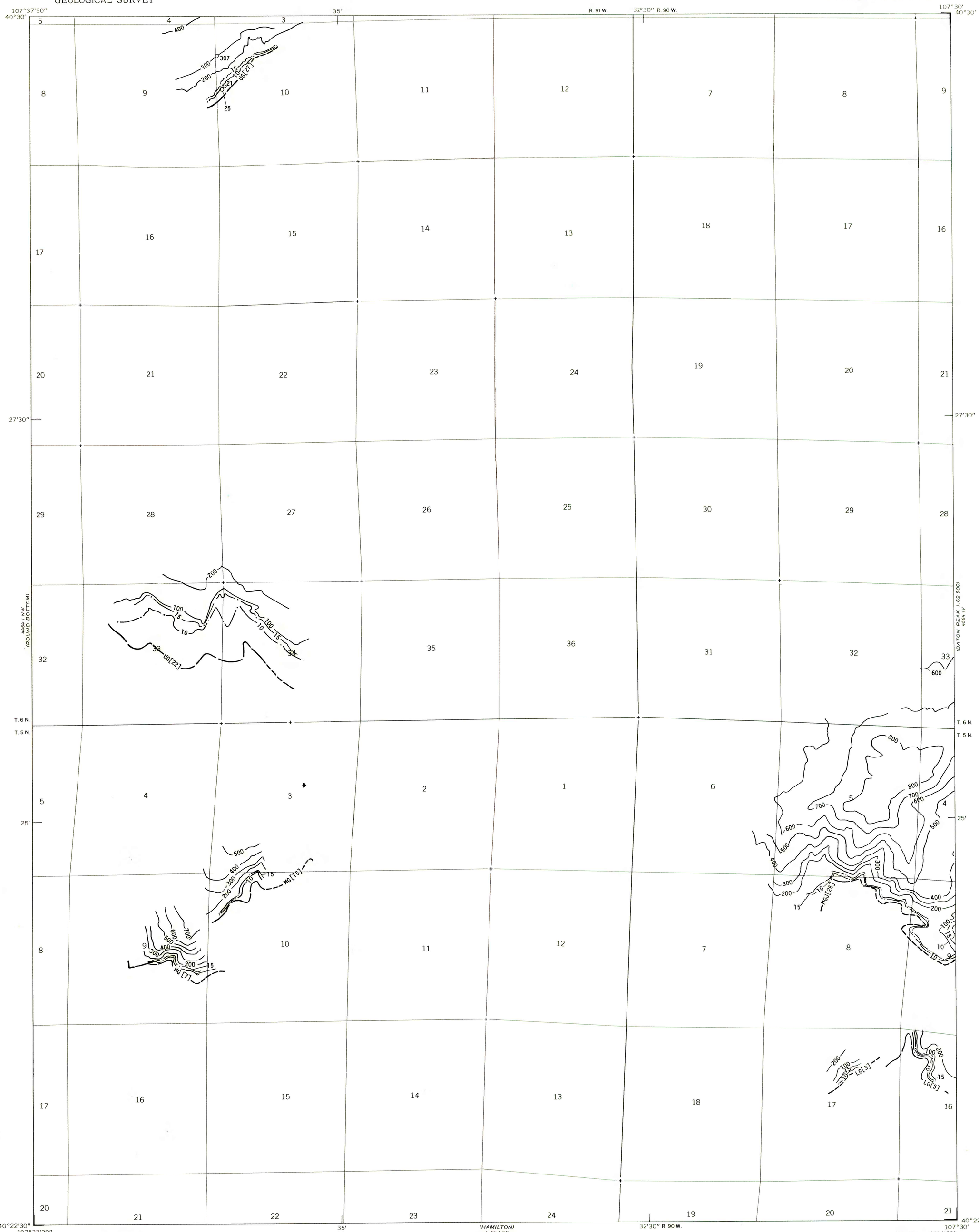
LG[3] - Lower Coal Group, coal bed [3]
LG[5] - Lower Coal Group, coal bed [5]
MG[7] - Middle Coal Group, coal bed [7]
MG[15] - Middle Coal Group, coal bed [15]
MGJ[26] - Middle Coal Group, zone J, coal bed [26]
UG[22] - Upper Coal Group, coal bed [22]
UG[27] - Upper Coal Group, coal bed [27]

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.

MG[15]

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Dashed where inferred, short dashed where inferred by present authors.

To convert feet to meters, multiply feet by 0.3048.



Base from U.S. Geological Survey, 1966

Compiled in 1977/1978

SCALE 1:24 000

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

GN MN
1°40'
30 MILS
14½°
258 MILS

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

COLORADO

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 CASTOR GULCH QUADRANGLE, MOFFAT COUNTY, COLORADO

BY

DAMES & MOORE

1979

PLATE 5A

OVERBURDEN ISOPACH AND MINING RATIO MAPS OF THE LOWER, MIDDLE AND UPPER COAL GROUP COAL BEDS