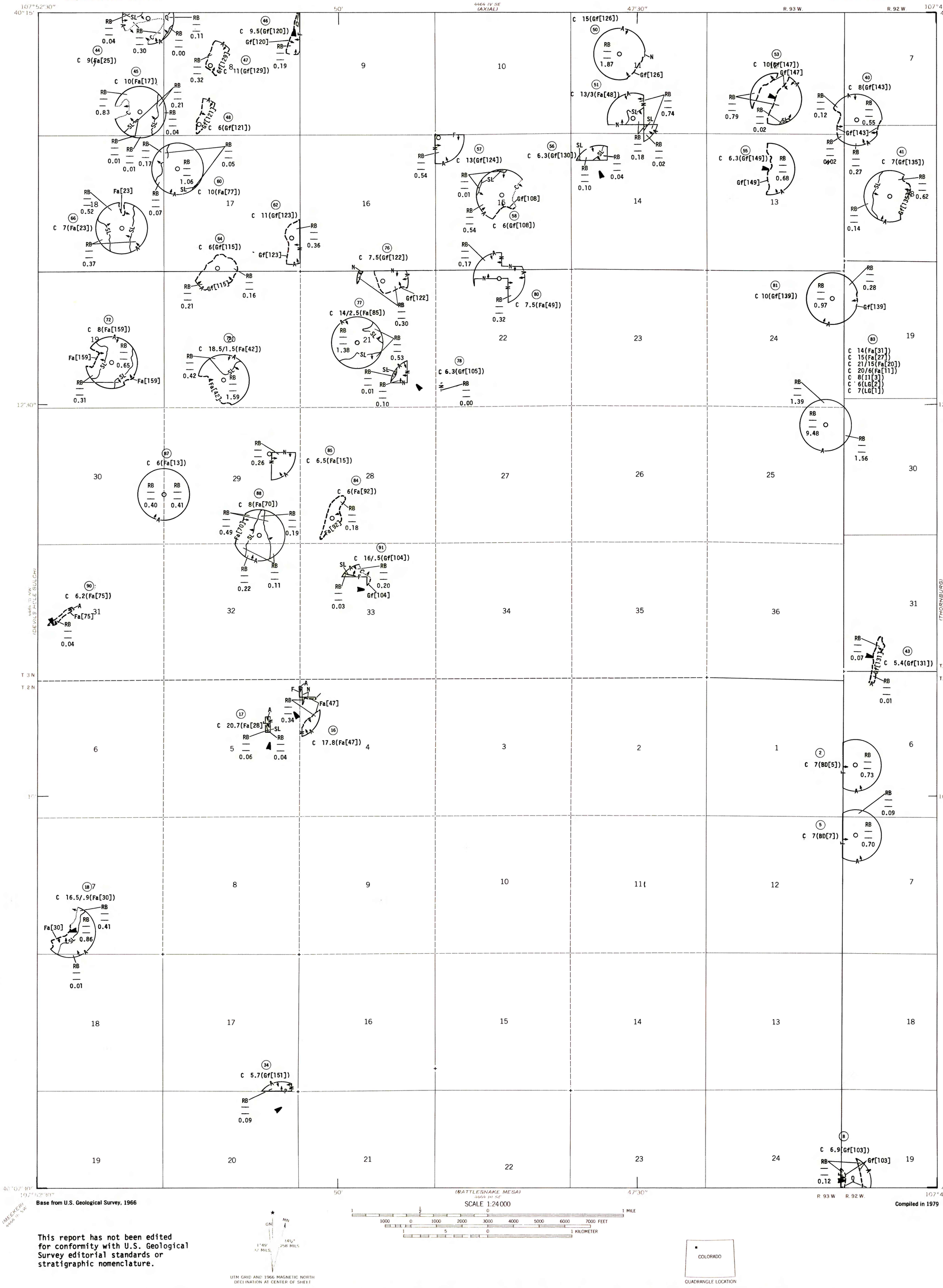
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NINEMILE GAP QUADRANGLE
COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 MEEKER 15' QUADRANGLE

OPEN FILE REPORT 79-1405
PLATE 56 OF 58



EXPLANATION

○ (88)
C 8(Fa)[70]

DRILL HOLE - Showing thickness of coal, in feet. Index number refers to hole on plate 1 of CRO map or in table of text. Letters designate name of coal bed or zone as listed below. Bracketed number identifies coal bed named on plates 1 or 3.

(17)
C 20.7(Fa[28])

POINT OF MEASUREMENT - Showing thickness of coal, in feet. Includes all points of measurement other than drill holes. Index number refers to hole on plate 1 of CRO map or in table of text. Letters designate name of coal bed or zone as listed below. Bracketed number identifies coal bed named on plates 1 or 3.

18.5/1.5

INTERBEDDED COAL AND ROCK - Showing total coal thickness/total rock thickness.

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

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.

Fa[47]

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed or zone as listed above. Arrow points toward coal-bearing area. Short dashed where projected by present authors.

SL

STRIPPING-LIMIT LINE - Boundary for surface mining (in this quadrangle, the 200-foot-overburden isopach). Arrow points toward area suitable for surface mining.

A

BOUNDARY OF IDENTIFIED RESERVE BASE COAL - Drawn along the coal bed outcrop, and/or the inferred contact between burned and unburned coal (C), an arc (A) drawn 1,000 feet from the nearest point of Reserve Base coal bed measurement, the quadrangle boundary (Q), the PRLA boundary (P), the Federal coal lease boundary (F), and the non-Federal coal ownership boundary (N). Arrow points toward area of identified Reserve Base coal.

RB
— (Measured)
— (Indicated)
0.70 (Inferred)

IDENTIFIED COAL RESOURCES - Showing totals for Reserve Base (RB), in millions of short tons, for each section or part(s) of section of non-leased Federal coal land, either within or beyond the stripping-limit. Dash indicates no resources in that category.

To convert short tons to metric tons, multiply short tons by 0.9072.

To convert feet to meters, multiply feet by 0.3048.

SCALE - 1:24,000 (1 inch = 2,000 feet)

Base from U.S. Geological Survey, 1966

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

Compiled in 1979

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

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

BY

DAMES & MOORE

1979

PLATE 56
SHEET 1 OF 4
AREAL DISTRIBUTION AND IDENTIFIED RESOURCES MAP OF NON-ISOPACHED COAL BEDS