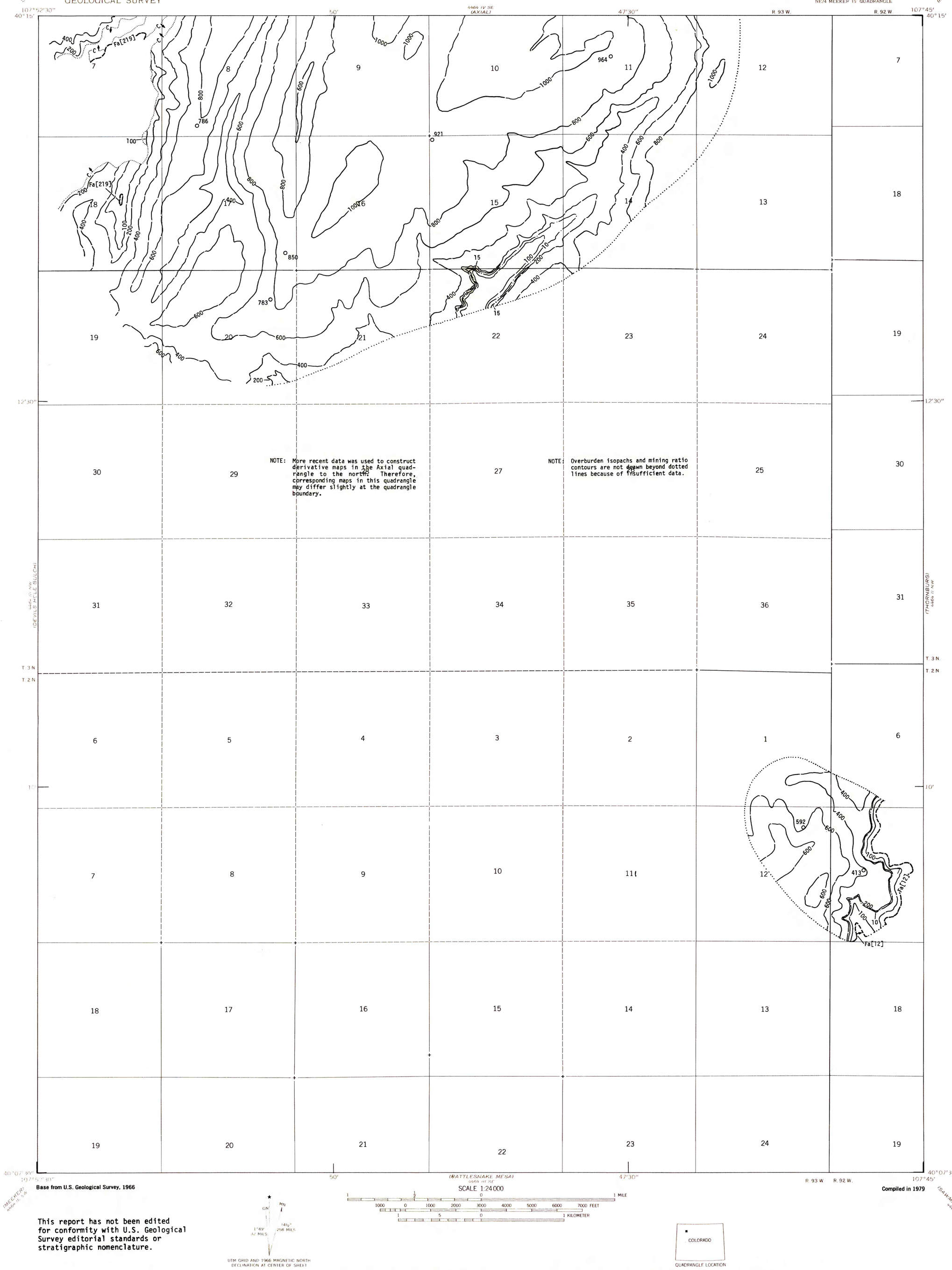
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

OPEN FILE REPORT 79-1405
PLATE 14 OF 58



EXPLANATION

200

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal zone. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 100 feet (31 m) over strippable coal and 200 feet (61 m) beyond the stripping-limit line.

o 786

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

10

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.

Fa - Fairfield coal group

COAL ZONE SYMBOLS AND NAMES - Coal zones identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

Fa[12]

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal zone as listed above. Short dashed where projected by present authors.

C

INFERRED LIMIT OF BURNED AND CLINKERED COAL - Arrow points toward area of baked and fused rock.

To convert feet to meters, multiply feet by 0.3048.

Base from U.S. Geological Survey, 1966

Compiled in 1979

SCALE 1:24 000

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

GN MN
1°49' 32 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 NINEMILE GAP QUADRANGLE, RIO BLANCO AND MOFFAT COUNTIES, COLORADO

BY
DAMES & MOORE
1979

PLATE 14

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE FAIRFIELD COAL GROUP, COAL ZONES [12] AND [219]