

EXPLANATION

400  
OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 100 feet (31 m) over strip-pable coal and 200 feet (61 m) beyond the stripping-limit line for Fa[31] and 200 feet (61 m) for the Fa[1], Fa[2], and Fa[33] coal beds.

o1075  
DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

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

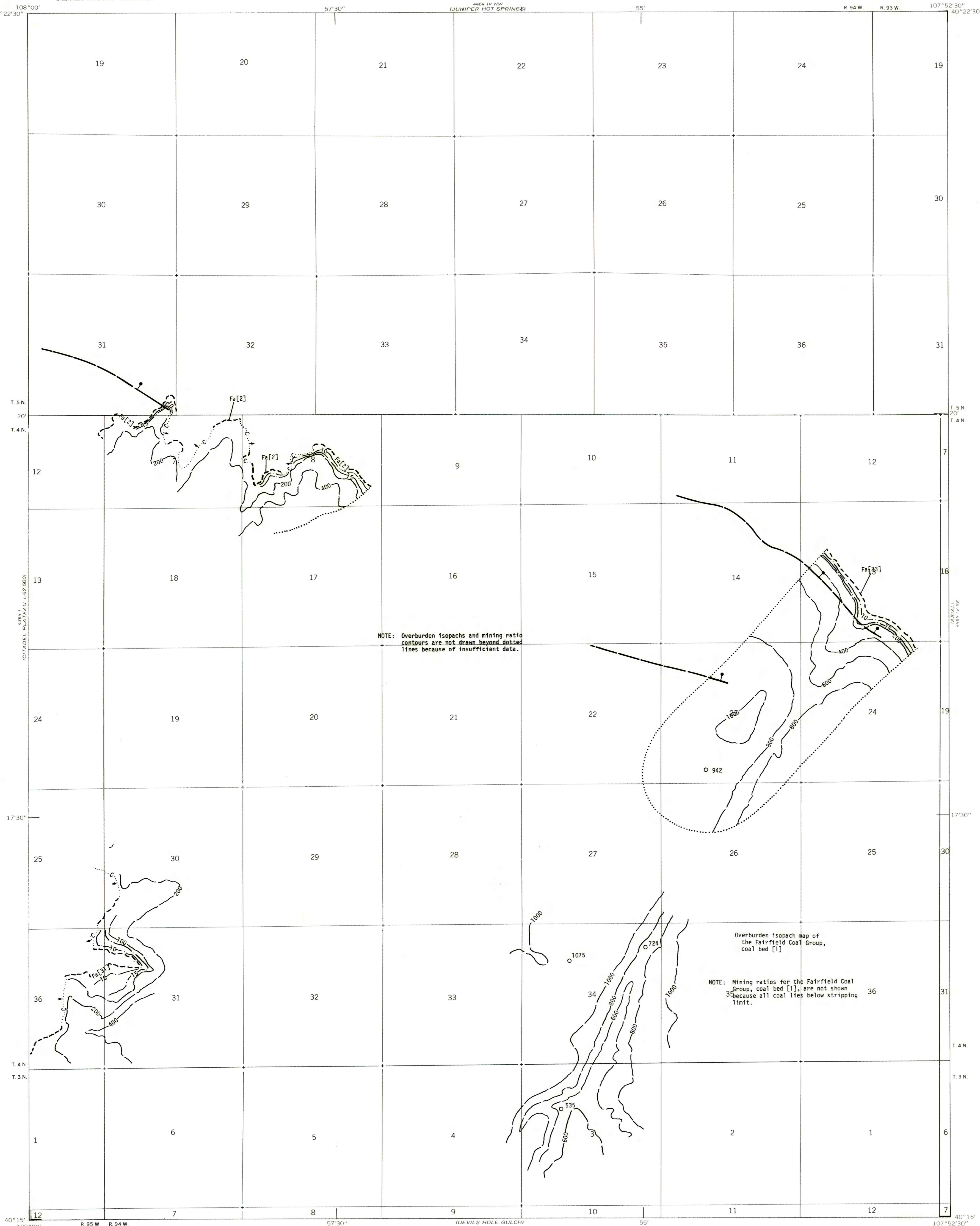
COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

-----Fa[31]-----  
TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed 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.

↑  
TRACE OF FAULT - Bar and ball on down-thrown side when direction of movement is known. Dashed where inferred or approximately located.

To convert feet to meters, multiply feet by 0.3048.

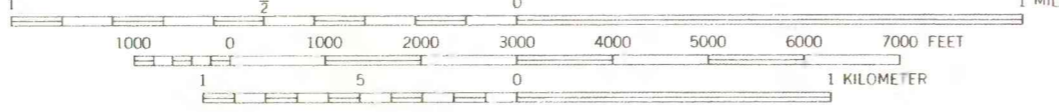
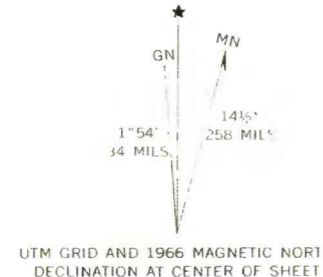


NOTE: Overburden isopachs and mining ratio contours are not drawn beyond dotted lines because of insufficient data.

Overburden isopach map of the Fairfield Coal Group, coal bed [1]

NOTE: Mining ratios for the Fairfield Coal Group, coal bed [1], are not shown because all coal lies below stripping limit.

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



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

BY  
DAMES & MOORE  
1979

PLATE 5  
OVERBURDEN ISOPACH AND MINING RATIO MAPS OF THE FAIRFIELD COAL GROUP, COAL BEDS [1], [2], [31], AND [33]