

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

THORNBURGH QUADRANGLE  
COLORADO  
7.5 MINUTE SERIES (TOPOGRAPHIC)

PLATE 10 OF 12

EXPLANATION

⑥  
▲ 7.0(Fa)[214]

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 or in table of text. Letters designate name of coal bed as listed below. Bracketed number identifies coal bed named on plates 1 or 3.

Fa - Fairfield coal group  
BD - Black Diamond 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-----  
TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed 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.

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BOUNDARY OF IDENTIFIED RESERVE BASE COAL - Drawn along the coal bed outcrop, and/or the inferred contact between burned and unburned coal (C) where the coal is 5 feet or more thick, an arc (A) drawn 1,000 feet from the nearest point of Reserve Base coal bed measurement, the KRCRA boundary (K), the quadrangle boundary (Q), and the non-Federal coal ownership boundary (N). Arrow points toward area of identified Reserve Base coal.

RB  
— (Measured)  
— (Indicated)  
0.10 (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.

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

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

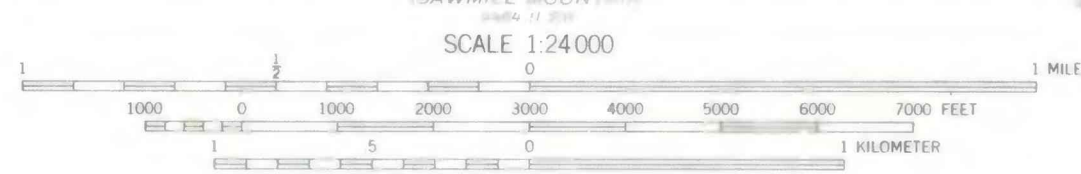
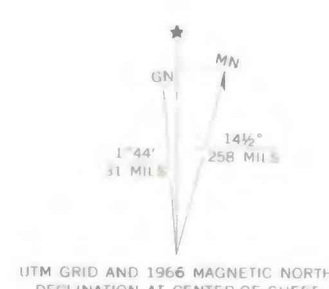
To convert feet to meters, multiply feet by 0.3048.

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

Base from U.S. Geological Survey, 1966

Compiled in 1979

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



**COAL RESOURCE OCCURRENCE MAP OF THE THORNBURGH QUADRANGLE,  
RIO BLANCO AND MOFFAT COUNTIES, COLORADO  
BY  
DAMES & MOORE  
1979**

PLATE 10  
AREAL DISTRIBUTION AND IDENTIFIED  
RESOURCES MAP OF NON-ISOPACHED  
COAL BEDS