

**EXPLANATION**

— 80 —  
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 40 feet (12 m) over strip-pable coal and 80 feet (24 m) beyond the stripping-limit line.

— SL —  
STRIPPING-LIMIT LINE - boundary for surface mining (in this quadrangle, the 100-foot-overburden isopach). Arrow points toward strip-pable area.

— 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. To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

Fe - Ferron coal zone

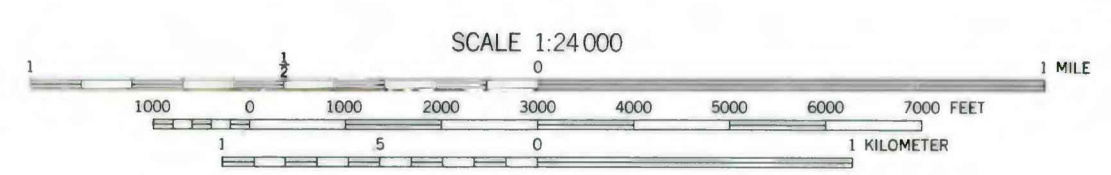
COAL BED SYMBOL AND NAME - Coal bed identified by bracketed numbers is not formally named, but is numbered for identification purposes in this quadrangle only.

— Fe —  
TRACE OF COAL ZONE OUTCROP - Showing symbol of name of coal zone as listed above. Arrow points toward coal-bearing area. Dashed where inferred.

— 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, 1954



Compiled in 1978/79

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

**COAL RESOURCE OCCURRENCE MAP OF THE NORTHWEST QUARTER OF THE  
FACTORY BUTTE 15-MINUTE QUADRANGLE, WAYNE COUNTY, UTAH  
BY  
DAMES AND MOORE  
1979**