

EXPLANATION

16.2 \* UC  
TRACE OF COAL BED OUTCROP—Showing thickness of coal, in feet, measured at triangle. Asterisk designates measured section was used in isopach mapping. Arrow points toward the coal-bearing area.

BURNED AND CLINKERED COAL BED  
—Showing area of baked and fused rock (v symbol). Dotted line indicates the inferred limit of burning.

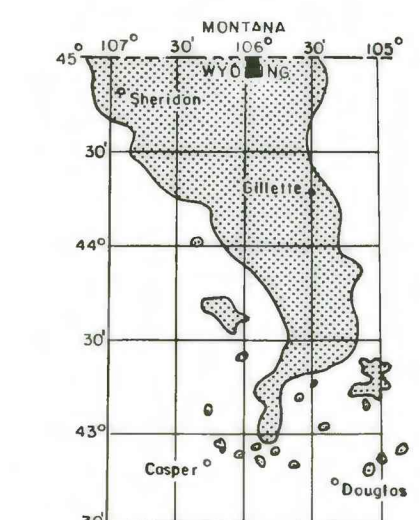
10 12  
ISOPACHS OF COAL BED—Showing thickness in feet. Isopach interval 2 feet. Dashed where coal is burned or eroded. Hachures indicate localized thinning.

10  
DRILL HOLE—Showing thickness of coal bed, in feet.

5  
MINING-RATIO CONTOUR FOR COAL BED—Number indicates cubic yards of overburden per ton of coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit.

SL  
STRIPPING-LIMIT LINE—Boundary for surface mining of coal bed (in this quadrangle, the 500-foot-overburden isopach). Arrows point toward the area suitable for surface mining. Recovery factor of 95 percent within that area in this quadrangle.

To convert feet to meters multiply feet by 0.3048.



MAP SHOWING LOCATION OF THE  
BLACK DRAW QUADRANGLE AND  
THE POWDER RIVER BASIN KNOWN  
RECOVERABLE COAL RESOURCE  
AREA (STIPPLED), WYOMING

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

COAL RESOURCE OCCURRENCE MAP OF THE BLACK DRAW QUADRANGLE,  
CAMPBELL COUNTY, WYOMING AND POWDER RIVER COUNTY, MONTANA

BY  
IntraSearch  
1978

PLATE 14

ISOPACH AND MINING-RATIO MAP  
OF THE UPPER CANYON COAL BED