

ISOPACHS OF COAL BED-Showing thickness in feet, interval 5 feet.

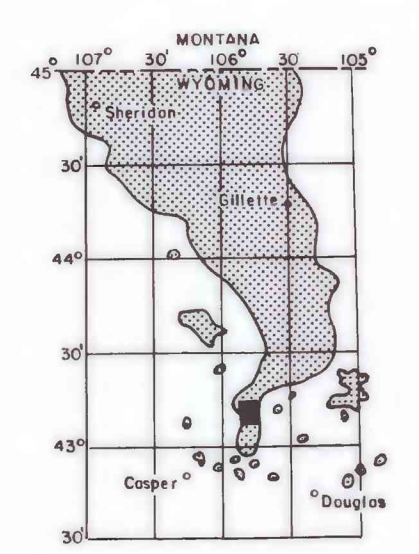
DRILL HOLE-Showing coal thickness in feet.

TRACE OF COAL BED OUTCROP-Showing coal thickness in feet, measured at triangle. Asterisk indicates measured section was not honored due to localized attenuation. Arrow points toward the coal-bearing area. Coal bed dashed where inferred.

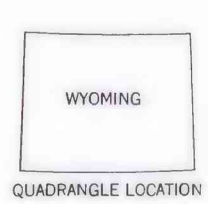
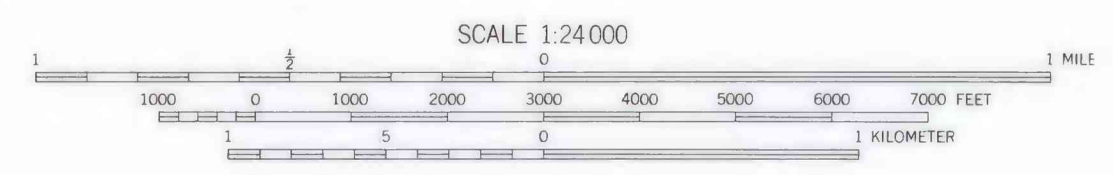
MINING RATIO CONTOUR-Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in area suitable for surface mining within the stripping limit.

To convert feet to meters multiply feet by 0.3048.

This outcrop mapping is derived and enlarged from 1:126,720, 1:62,500 and 1:125,000 scale publications from Wegemann and others (1928, p. 1-14), Sharp and Gibbons (1964, Plate 1), and Wegemann (1912, Plate XIII). Numerous irregularities in outcrop elevations and the areal geology-topographic map relationship emphasized that this map presents a generalized configuration of the coal bed outcrop. Horizontal accuracy of outcrop location is estimated at ± 1000 feet (305 m).



MAP SHOWING LOCATION OF THE NE ¼ FIFTY-FIVE RANCH 15' QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING



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

COAL RESOURCE OCCURRENCE MAP OF THE NE ¼ FIFTY-FIVE RANCH 15' QUADRANGLE, CONVERSE COUNTY, WYOMING

BY  
IntraSearch  
1979

PLATE 4  
ISOPACH AND MINING RATIO  
MAP OF  
SMITH COAL BED