COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE POKER JIM BUTTE QUADRANGLE, ROSEBUD AND POWDER RIVER COUNTIES, MONTANA

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OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE COOK COAL BED

EXPLANATION

INTERPRETED ISOPACH—Showing thickness of overburden in feet, from the surface to the top of the coal bed. Isopach interval 200 feet (61 m).

BOUNDARY OF RESERVE BASE—Line drawn along the outcrop of coal bed or the contact between bored and unburied coal. Arrows point toward area of reserve base coal.

MINING RATIO CURVES—Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas within the stripping limit.

SURFACE LIMIT LINE—Boundary for surface mining of the coal bed (in this quadrangle, the 35-foot (10.7 meter, 1.02 m) isopach). Arrows point toward area of coal bed suitable for surface mining.

MIN. FDR—Showing thickness of overburden in feet, from the surface to the top of the coal bed.

To convert feet to meters, multiply feet by 0.3.