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

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EXPLANATION

non-federal coal land—land for which the federal government does not own the coal rights.

stripping limit line—boundary for surface mining of the coal bed in this quadrangle, the 300-foot-overburden isopach. Arrows point toward area of coal bed exposed by stripping. Recovery factors of 80 percent within area in this quadrangle.

reserves of reserve rank coal—those along the outcrop and those within 5 feet (1.5 m) of the outcrop between buried and unburied coal, the 6-foot (1.8 m) coal seam, and an arc 3 miles (4.8 km) from nearest complete measure of coal bed. Arrows point toward areas of reserve base coal.

measured (measured
estimated (measured
identified non-measurable coal resources—showing tonnage for reserve base (RB) and measured (MB) in millions of short tons for each section or part thereof of Federal coal land within the striping-limit line. Bars indicate no occurrence in that category. Reserve base (RB) is the recovery factor (RF percent) = Reserve (X) / measured (X) rounded to two significant figures.

identified non-measurable coal resources—showing tonnage for reserve base (RB), in millions of short tons, for each section or part thereof of Federal coal land within the striping-limit line. Bars indicate no occurrence in that category, rounded to two significant figures.

Recovery factors have not been established for underground development of coal in this area. Reserve (R) were recalculated for the coal bed in areas outside the striping-limit line where the overburden thickness exceeds 200 feet (61 m).

To convert short tons to metric tons, multiply by 0.907.