UNITED STATES ASHLAND NE QUADRANGLE **OPEN FILE REPORT 79-001** DEPARTMENT OF THE INTERIOR MONTANA-ROSEBUD CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 106°22′30″ 45°45′ R. 43 E. R. 44 E. 17'30" This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. 18 17 16 15 14 21 22 20 23 OVERBURDEN 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 COAL 5 FEET OR MORE THICK-Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal, and/or the 5-foot isopach. Arrows point toward area of coal 5 feet or more thick. 27 26 25 MINING-RATIO CONTOUR—Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit. To convert feet to meters, multiply feet by 0.3048. To convert yds3/ton to m3/metric ton, multiply yds3/ton by 0.842. 42'30" 35 36 42'30" T.1 S. T. 2 S. T. 2 S. 17 13 21 24 25 32 31 35 33 36 45°37′30″

106°22′30

Base map from U.S. Geological Survey, 1966 45°37′30″ (ASHLAND) 4775 III SE SCALE 1:24000 106°15′ Compiled in 1977 1 KILOMETER

COAL RESOURCE OCCURRENCE MAP OF THE ASHLAND NE QUADRANGLE, ROSEBUD COUNTY, MONTANA

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PLATE 17

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OPEN-FILE REPORT

**EXPLANATION** 

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE MCKAY COAL BED