UNITED STATES QUIETUS QUADRANGLE DEPARTMENT OF THE INTERIOR MONTANA 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY 106°22′30″ 45°07′30″ R. 44 E. R. 45 E 24 23 19 20 21 22 4.64 8.96 26 25 28 29 30 11.13 7.26 16.77 8.02 31 31 32 33 T. 8 S. 8.28 16.82 14.72 16.77 8.76 17.90 17.33 16.77 10 11 12 14 13 18 15 17 RB 4.00 14.13 5.72 3.23 2'30" 24 22 20 19 19 21 1.03 7.64 28 25 30 27 32 33 14.73 (BOX ELDER DRAW) 4773 IV NE Compiled in 1977 Base from U.S. Geological Survey, 1972 SCALE 1:24 000 MONTANA

> COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE QUIETUS QUADRANGLE, BIG HORN AND POWDER RIVER COUNTIES, MONTANA

QUADRANGLE LOCATION

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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EXPLANATION

NON-FEDERAL COAL LAND--Land for which the Federal Government does not own the coal rights.

- Measured resources) 1.03 (Indicated resources) 7.64 (Inferred resources)
- IDENTIFIED NON-STRIPPABLE COAL RESOURCES--Showing totals for Reserve Base (RB), in millions of short tons, for each section or part(s) of section of Federal coal land outside the stripping-limit line. Dash indicates no

resources in that category.

BOUNDARY OF RESERVE BASE COAL--Drawn along the 1,000foot (305 m) overburden isopach and the arc 3 miles (4.8 km) from nearest complete measurement of coal bed. Arrows point toward area of Reserve Base coal.

Recovery factors have not been established for underground development of coal in this quadrangle. Therefore, Reserves (R) were not calculated for the coal bed in areas outside the strippinglimit line where the overburden thickness exceeds 200 feet (61 m).

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