UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OTTER QUADRANGLE
MONTANA—POWDER RIVER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

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

OPEN FILE REPORT 79-105

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EXPLANATION

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

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

RB / 5.8 (Measured resources) (Indicated resources) (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. Rounded to two significant figures.

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 stripping-limit line where the overburden thickness exceeds 200 feet (61 m).

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

Base from U.S. Geological Survey, 1972

Compiled in 1977

SCALE 1:24 000

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE OTTER QUADRANGLE, POWDER RIVER COUNTY, MONTANA

BY

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PLATE 48
IDENTIFIED RESOURCES OF THE UPPER FLOWERS-GOODALE COAL BED