UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BEAR CREEK SCHOOL QUADRANGLE
MONTANA—POWDER RIVER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

4774 II NE (HAMILTON DRAW) | 4774 II NE (REANUS CONE)

106°15′ | 12′30″ | 4774 II NW (OTTER) | 10′ | R. 45 E. | R. 46 E. | 106°07′30″
45°07′30″

T. 8 S.
T. 9 S.

4774 III SE (QUIETUS) | (SAYLE HALL) 4774 II SE

45°00′
106°15′ | 12′30″ | (CABIN CREEK NW) 4773 I NW | 10′ | R. 45 E. | R. 46 E | 106°07′30″

(BOX ELDER DRAW) 4773 IV NE | (CABIN CREEK NE) 4773 I NE

Base from U.S. Geological Survey, 1969

Compiled in 1977

SCALE 1:24000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETRE

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN
0°50′ / 15 MILS
15° / 267 MILS

MONTANA
QUADRANGLE LOCATION

OPEN FILE REPORT 79–106
PLATE 8 OF 59

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

EXPLANATION

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

B — BOUNDARY OF RESERVE BASE COAL--Drawn along the outcrop of coal bed or the 5-foot coal isopach. Arrows point toward area of Reserve Base coal.

RB	R(.85)	
.03	.02	(Measured resources)
.15	.13	(Indicated resources)
—	—	(Inferred resources)

IDENTIFIED STRIPPABLE COAL RESOURCES--Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part(s) of section of Federal coal land within the stripping-limit line. Dash indicates no resources in that category. Reserve Base (RB) x the Recovery Factor (85 percent) = Reserves (R). Rounded to two significant figures.

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

To convert miles to kilometers, multiply miles by 1.6.

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE BEAR CREEK SCHOOL QUADRANGLE, POWDER RIVER COUNTY, MONTANA

By
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PLATE 8
IDENTIFIED RESOURCES OF THE ARVADA COAL BED