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 NW (OTTER) · 4774 II NE (REANUS CONE)

106°15′ · 12′30″ · 10′ · 106°07′30″ · 45°07′30″

R. 45 E. · R. 46 E.

T. 8 S. · T. 9 S.

5′ · 2′30″

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″ · 45°00′

(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

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

By

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PLATE 32 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.

SL — STRIPPING LIMIT LINE--Boundary for surface mining of the coal bed (in this quadrangle, the 200-foot-overburden isopach). Arrows point toward area suitable for surface mining.

B — BOUNDARY OF RESERVE BASE COAL--Drawn along the outcrop of the coal bed or the contact between burned and unburned coal where the coal bed is 5 feet or more thick and/or the 5-foot coal isopach. Arrows point toward area of Reserve Base coal.

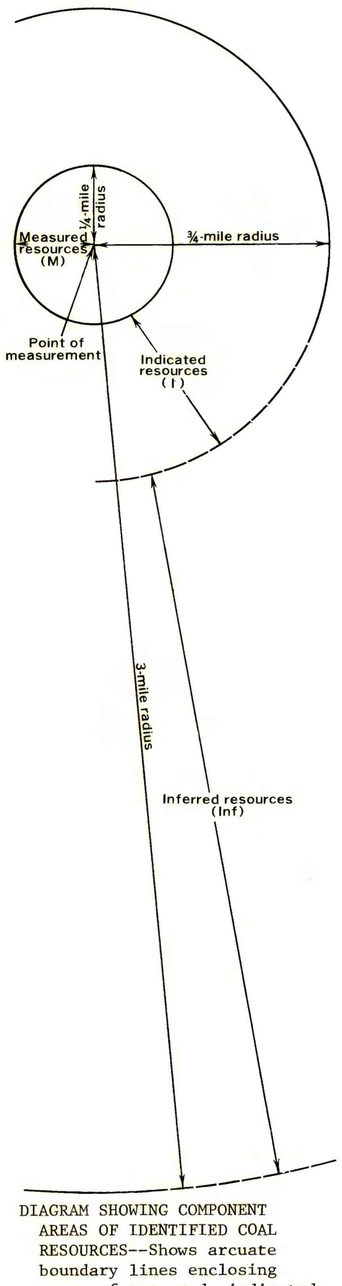

DIAGRAM SHOWING COMPONENT AREAS OF IDENTIFIED COAL RESOURCES--Shows arcuate boundary lines enclosing areas of measured, indicated, and inferred coal resources. Boundaries of areas are dashed where projected from an adjacent quadrangle. Areas of inferred resources may be present on this map without their outer boundaries being shown.

To convert miles to kilometers, multiply miles by 1.6.

PLATE 32
AREAL DISTRIBUTION OF IDENTIFIED RESOURCES OF THE DIETZ COAL BED