

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

EXPLANATION

INDEX NUMBER OF MEASURED SECTION SHOWN ON  
PLATE 3 OF CRO MAP—Coal section measured at point  
of triangle.

LINE OF COMPOSITE SECTIONS—Showing index number  
of section shown on plate 3 of CRO map. Composite section  
is based on nearby coal bed thickness measurements.

GL 3213  
R 97  
C 7(8b)  
R 192  
C 4 (Bu?)  
R 10+

OIL AND GAS TEST HOLE—Showing drill-hole data, in feet.

GL—Ground elevation  
NR—No record  
R—Rock interval  
C—Coal interval

DRILL-HOLE DATA SYMBOLS

Kn—Knobloch  
Rb—Rosebud  
Mc—McKay  
FG—Flowers-Goodale  
Te—Terret  
Bu—Burley  
L—Local

COAL BED SYMBOLS AND NAMES

C 13.8(Kn)  
R 1.3  
C 5.5+(Kn)  
R 12.0  
C 2.9(L)  
R 1.3

TRACE OF COAL BED OUTCROP—Dashed where approxi-  
mately located; short dashed where inferred. Showing  
thickness of coal, or coal-rock intervals, in feet, measured  
at triangle. Where a thickness fraction is shown, it indi-  
cates the net coal thickness (upper number) and net part-  
ings thickness (lower number). Letters designate the  
name of the coal bed as listed above. Arrow points toward  
coal-bearing area. Trace of coal outcrop has been modified  
from Bass (1982, pl. 3) to fit modern topographic map.

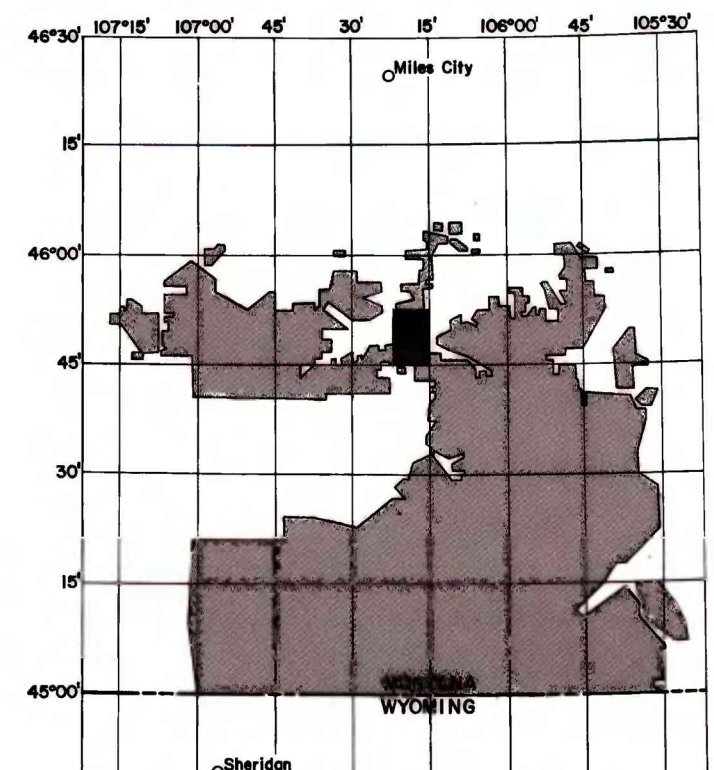
BURNED AND CLINKERED COAL BED—Showing area of  
baked and fused rock (v symbol). Dotted line indicates the  
inferred limit of burning.

FAULT—Dashed where approximately located. U, upthrown  
side; D, downthrown side.

To convert feet to meters, multiply feet by 0.3048.

REFERENCES FOR NON INDEXED DATA POINTS

Bass, N. W., 1982, The Ashland coal field, Rosebud, Powder  
River, and Custer Counties, Montana: U.S. Geol. Survey  
Bull. 831-B, p. 19-105.



INDEX MAP—Showing location of the Hammond Draw  
quadrangle and the Northern Powder River Basin Known  
Recoverable Coal Resource Area (stippled), Montana

COAL RESOURCE OCCURRENCE MAP OF THE HAMMOND DRAW QUADRANGLE,  
ROSEBUD COUNTY, MONTANA

BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1979

PLATE 1  
COAL DATA MAP