

EXPLANATION

①  
INDEX NUMBER OF MEASURED SECTION SHOWN ON PLATE 3 OF CRO MAP—Coal section measured at point of triangle.

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

● GL 3209  
NR 195  
R 10+  
OIL AND GAS TEST HOLE—Showing drill-hole data, in feet.

⑥ ○ GL 3498  
R 58  
C 7 (Kn)  
R 43  
C 10 (Kn)  
R 22  
TD 140  
COAL TEST HOLE—Showing index number of hole shown on plate 3 of CRO map, and drill-hole data, in feet.

α—Ground elevation  
NR—No record  
R—Rock interval  
c—Coal interval  
td—Total depth

DRILL-HOLE DATA SYMBOLS

Kn—Knobloch  
Kn1—Upper Knobloch  
Kn2—Lower Knobloch  
Vb—Volborg  
Ct—Contact  
L—Local

COAL BED SYMBOLS AND NAMES

④  
TRACE OF COAL BED OUTCROP—Dashed where approximately located; short dashed where inferred. Showing thickness of coal, in feet, measured at triangle. Where a thickness fraction is shown, it indicates the net coal thickness (upper number) and net partings 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 Bryson (1952, pl. 1), Matson and Blumer (1973, pl. 28), and Parker and Andrews (1939, pl. 16) to fit modern topographic map.

⑤  
STRIKE AND DIP OF BEDS

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

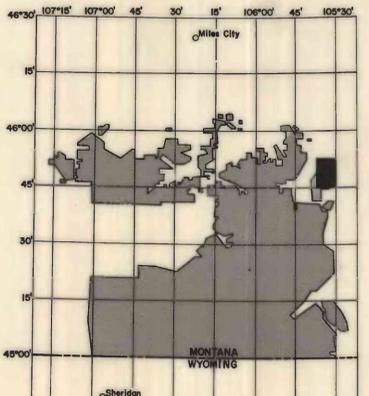
⑦  
COAL MINE—Showing thickness of coal bed, in feet.

To convert feet to meters, multiply feet by 0.3048.

REFERENCES FOR NONINDEXED DATA POINTS

BRYSON, R.P., 1952, The Coalwood coal field, Powder River County, Montana: U.S. Geol. Survey Bull. 973-B, p. 23-106.

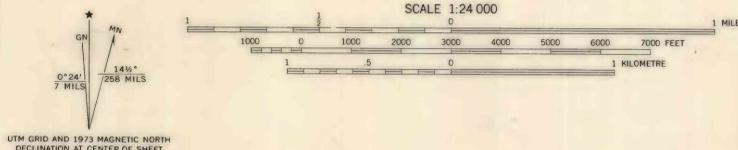
PARKER, F.S., and ANDREWS, D.A., 1939, The Mizpah coal field, Custer County, Montana: U.S. Geol. Survey Bull. 906-C, p. 85-131.



INDEX MAP—Showing location of the Divide School quadrangle and the Northern Powder River Basin Known Recoverable Coal Resource Area (scattered), Montana

Base map from U.S. Geological Survey, 1973

Compiled in 1977



COAL RESOURCE OCCURRENCE MAP OF THE DIVIDE SCHOOL QUADRANGLE,  
CUSTER AND POWDER RIVER COUNTIES, MONTANA

BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1979