

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

EXPLANATION

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

● GL 3178
NR 613
R 10+

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

②
GL 3228
R 152
C 14+ (Kn)
TD 206

COAL TEST HOLE—Showing index number of hole shown on plate 3 of CRO map, and drill-hole data, in feet.

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

DRILL-HOLE DATA SYMBOLS

W—Wall
Pa—Pawnee
D—D bed
C—C bed
O—Orell
Sa_u—Upper Sawyer
Sa_l—Lower Sawyer
Ki—King
Kn_u—Upper Knobloch
Kn_l—Lower Knobloch
L—Local
F-G—Flowers-Goodale
Te—Terret

COAL BED SYMBOLS AND NAMES

C 26 (Sa)
R 13.0
C 10 (A)
Sa_u

TRACE OF COAL BED OUTCROP—Dashed where approximately 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 indicates the net coal thickness (upper number) and net partings thickness (lower number). Letters designate the name of the coal bed as listed above. Arrows point toward coal-bearing area. Trace of coal outcrop has been modified from Bass, N.W. (1932, pl. 3) and Warren, W.C. (1959, pl. 19) 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.

49
WEAVERMINE

COAL MINE—Showing mine name and thickness of coal bed, in feet.

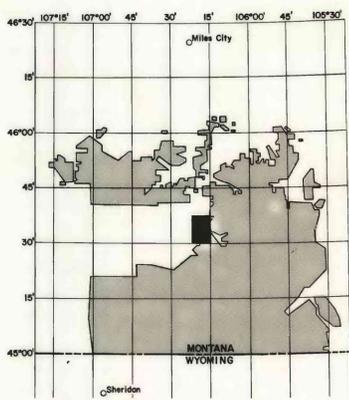
To convert feet to meters, multiply feet by 0.3048.

REFERENCES FOR NONINDEXED DATA POINTS

BASS, N.W., 1932, The Ashland coal field, Rosebud, Powder River, and Custer Counties, Montana: U.S. Geol. Survey Bull. 831-B, p. 19-105.

MATSON, R.E., and BLUMER, J.W., 1973, Quality and reserves of strippable coal, selected deposits, southeastern Montana: Mont. Bur. Mines and Geol. Bull. 91, 135 p.

WARREN, W.C., 1959, Reconnaissance geology of the Birney-Broadus coal field, Rosebud and Powder River Counties, Montana: U.S. Geol. Survey Bull. 1072-J, p. 561-585.



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

COAL RESOURCE OCCURRENCE MAP OF THE ASHLAND QUADRANGLE, ROSEBUD COUNTY, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
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PLATE 1
COAL DATA MAP