

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.

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.

⑩
OIL AND GAS TEST HOLE—Showing index number of hole shown on plate 3 of CRO map and drill-hole data, in feet.

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

⑪
OIL AND GAS TEST HOLE—Showing drill-hole data, in feet.

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
R—Rock occurrence of coal undeterminable
TD—Total depth

DRILL-HOLE DATA SYMBOLS

An—Anderson
D—Dietz
Cy—Canyon
Ck₁—Upper Cook
L—Local
5—Number 5 bed
5a—Number 5a bed
P₀—Pownee
C₀—Coche
9a—Number 9a bed
9b—Number 9b bed
9c—Number 9c bed

COAL BED SYMBOLS AND NAMES

C 16 (R)
R 41
C 15.5 (R)
6.3+
5
5
5
5

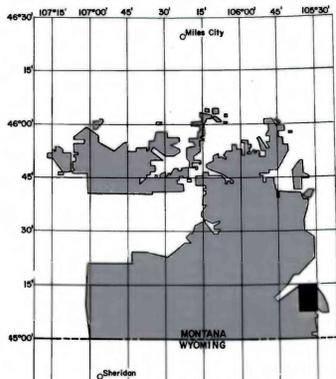
TRACE OF COAL BED OUTCROP—Dashed where approximately located; short dashed where inferred. Showing thickness of coal, or coal-rock intervals, in feet, measured at triangle. Where a thickness fraction is shown, it indicates the net coal thickness (upper number) and net partings thickness (lower number). 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 Bryson and Bass (1973, pl. 1) and Matson and Blumer (1973, pl. 18) 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.

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

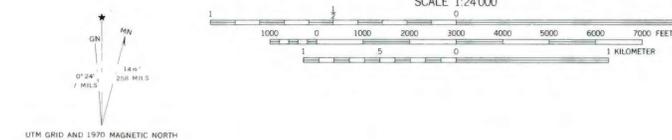
To convert feet to meters, multiply feet by 0.3048.

REFERENCES FOR NONINDEXED DATA POINTS
BRYSON, R.P. and BASS, N.W., 1973, Geology of Moorhead coal field, Powder River, Big Horn, and Rosebud Counties, Montana: U.S. Geol. Survey Bull. 1338, 116 p.



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

THREE BAR RANCH
34° 15' N
105° 37' 30" W



**COAL RESOURCE OCCURRENCE MAP OF THE BALDY PEAK QUADRANGLE,
POWDER RIVER COUNTY, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979**

Compiled in 1977