

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

EXPLANATION

④
INDEX NUMBER OF MEASURED SECTION SHOWN ON PLATE 3 OF CRO MAP—Coal section measured at point of triangle.

— 5 —
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 3643
NR 163
R 10+
OIL AND GAS TEST HOLE—Showing drill-hole data, in feet.

⑩ ○ GL 3943
R 148
C 21 (Ca)
R 11
TD 180
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

ck₁—Upper Cook
5—Number 5 bed
5a—Number 5a bed
Ca—Cache (T of Matson and Blumer)
L—Local
9a—Number 9a bed
11—Number 11 bed
Br—Broadus
Ct—Contact

COAL BED SYMBOLS AND NAMES

8.0+ 10.0+ C 22.0 (Ca)
0.1+ R 8.6
C 1.7 (L)
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), Matson and Blumer (1973, pl. 18) to fit modern topographic map.

Showing area of baked and fused rock (v symbol). Dotted line indicates the inferred limit of burning.

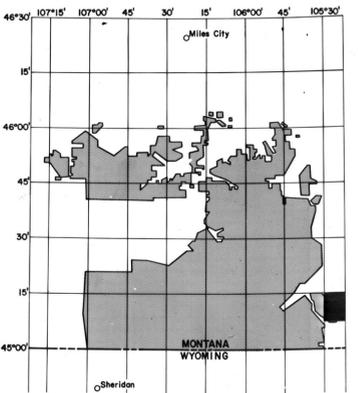
5.6
COAL MINE—Showing thickness of coal bed, in feet.

To convert feet to meters, multiply feet by 0.3048.

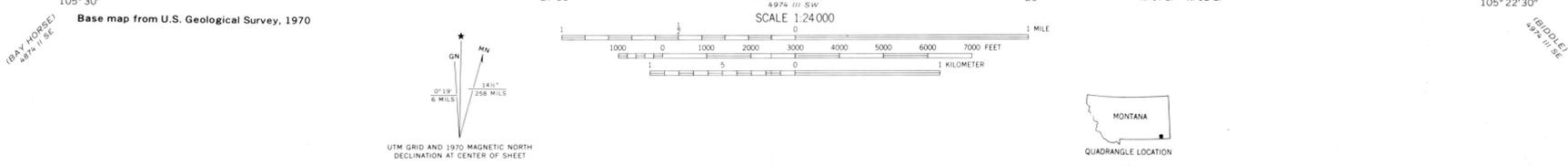
REFERENCES FOR NONINDEXED DATA POINTS

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.

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.



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



COAL RESOURCE OCCURRENCE MAP OF THE BEAR SKULL MOUNTAIN QUADRANGLE, POWDER RIVER COUNTY, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
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