

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.

⑥
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 3501
- R 22
- C 14 (Pa)
- R 5
- C 7 (Pa)
- R 55
- C 4 (I)
- R 4
- C 3 (I)
- R 43

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

- GL—Ground elevation
- R—Rock interval
- C—Coal interval

DRILL-HOLE DATA SYMBOLS

- An—Anderson
- D—Dietz
- D₁—Upper Dietz
- D₂—Lower Dietz
- Cy—Canyon
- Ck₁—Upper Cook
- Ck₂—Lower Cook

- 5—Number 5 bed
- L—Local
- Pa—Pawnee
- 7—Number 7 bed
- 8—Number 8 bed
- 8a—Number 8a bed
- Ca—Cache
- 9a—Number 9a bed
- 9b—Number 9b bed

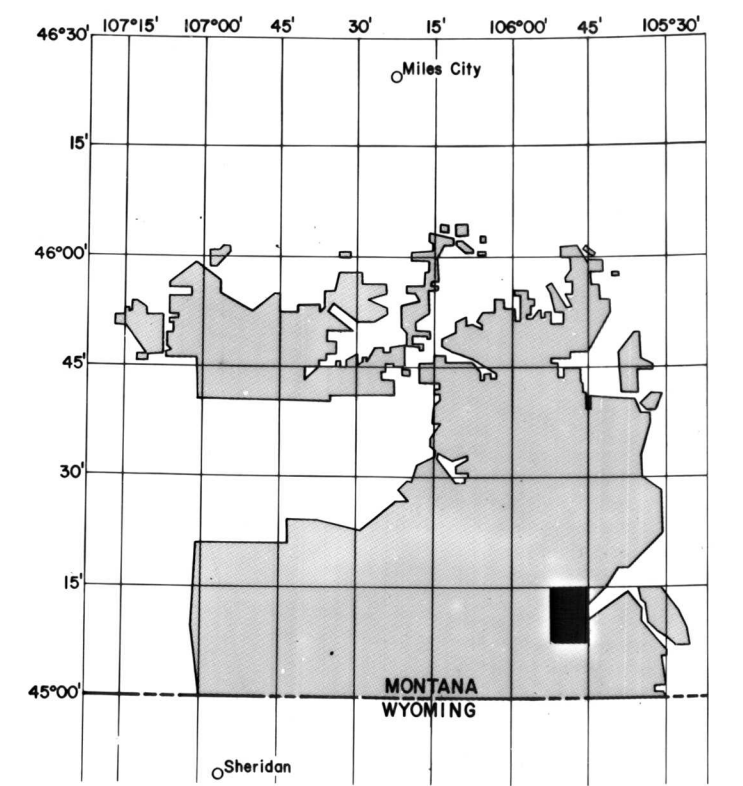
COAL BED SYMBOLS AND NAMES

- ④
C 4.0 (I)
- R 8.7
- C 4.1 (I)

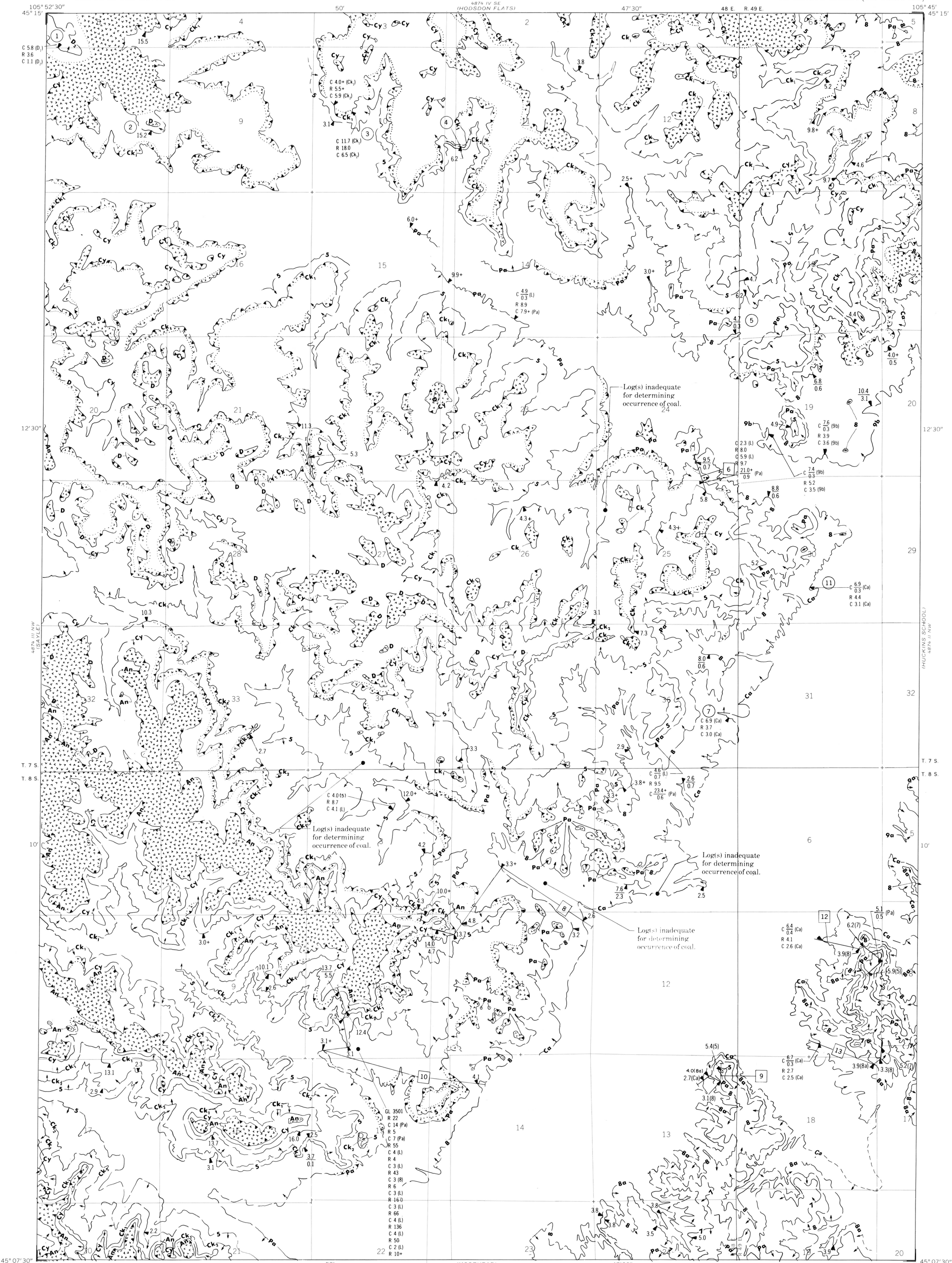
TRACE OF COAL BED OUTCROP—Dashed where
approximately located; short dashed where inferred.
Showing thickness of coal or coal-rock intervals, in feet,
measured at triangle. Where a thickness fraction is
shown, it indicates the net coal thickness (upper number)
and net partings thickness (lower number). Letters designate
the name of the coal bed as listed above. Arrow points
toward coal-bearing area. Trace of coal outcrop has been
modified from Bryson and Bass, 1973, (pl. 1) 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.

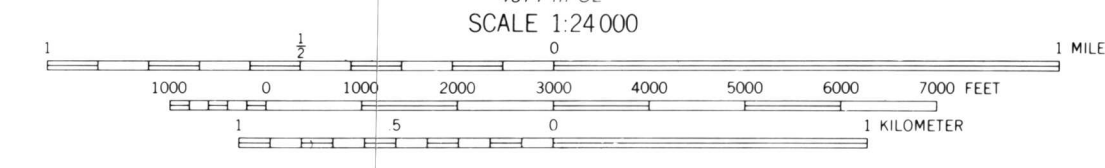
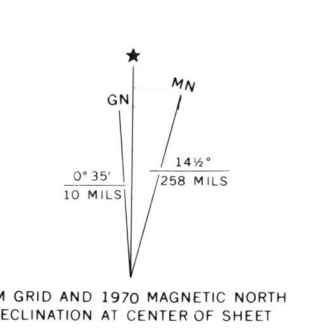
REFERENCES FOR NONINDEXED DATA POINTS
Bryson, R.P., and Bass, N.W., 1973, Geology of Moorhead coal
field, Powder River, Big Horn, and Rosebud Counties,
Montana: U. S. Geol. Survey Bull. 1338, 116 p.



INDEX MAP—Showing location of the Bloom Creek quad-
rangle and the Northern Powder River Basin Known
Recoverable Coal Resource Area (stippled), Montana.



Base map from U.S. Geological Survey, 1970



Compiled in 1977

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