

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

EXPLANATION

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

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.

OIL AND GAS TEST HOLE—Showing index number of
hole shown on plate 3 of CRO map and 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.

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

Ck—Upper 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
9c—Number 9c bed
11—Number 11 bed
Br—Broadus

COAL BED SYMBOLS AND NAMES

C 33 (Pa)
R 8.9
C 4.7 (L)
C 0.1

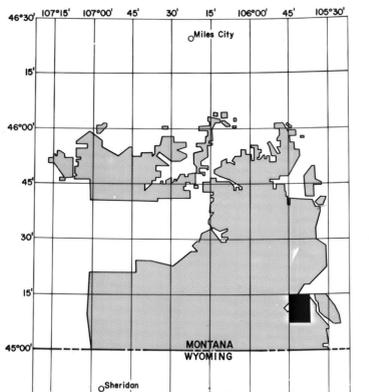
TRACE OF COAL BED OUTCROP—Dashed where
approximately located; short dashed where inferred.
Showing thickness of coal, or coal-rock intervals, in feet.
measured at triangle. Where a thickness fraction is
shown, it indicates the net coal thickness (upper number)
and net partings thickness (lower number).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

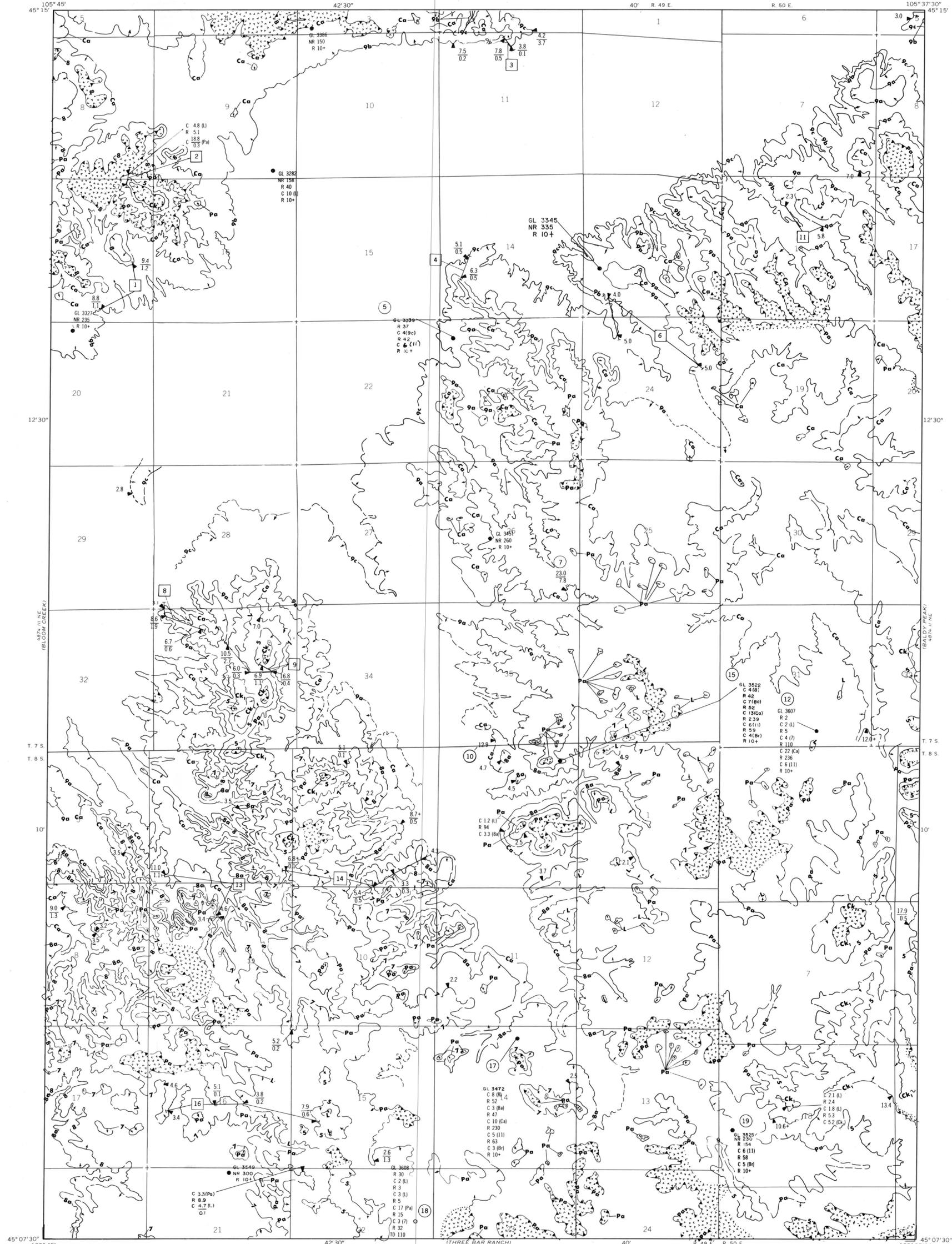
To convert feet to meters, multiply feet by 0.3048.

REFERENCES FOR NONINDEXED DATA POINTS

Bryson, R.P., and Bass, N.W., 1973, Geology of Moorehead coal
field, Powder River, Big Horn, and Rosebud Counties,
Montana: U. S. Geol. Survey Bull. 1338, 116 p.
Montana Bureau of Mines and Geology, 1977, Open File
Report.



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



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