

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.

● GL 3626
NR 127
R 26
C 3 (L)
R 4

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

GL—Ground elevation
NR—No record
C—Clinker
R—Rock interval
C—Coal interval

DRILL-HOLE DATA SYMBOLS

Sa - Sawyer
L - Local
Po - Popham
Rb₁ - Upper Rosebud (Lee)
Rb₂ - Lower Rosebud
R - Robinson

COAL BED SYMBOLS AND NAMES

C 1.8 (L)
C 1
R 5.7
C 5.5 (Rb)
C 0.2

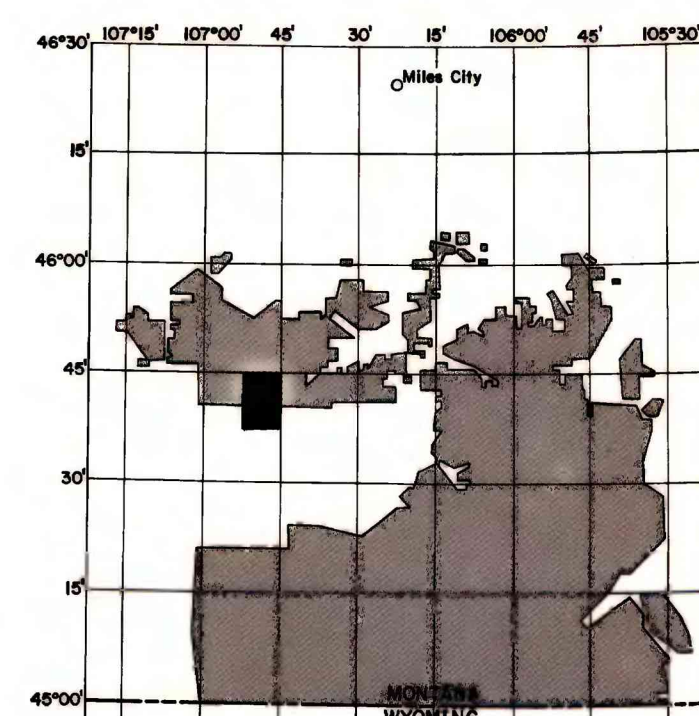
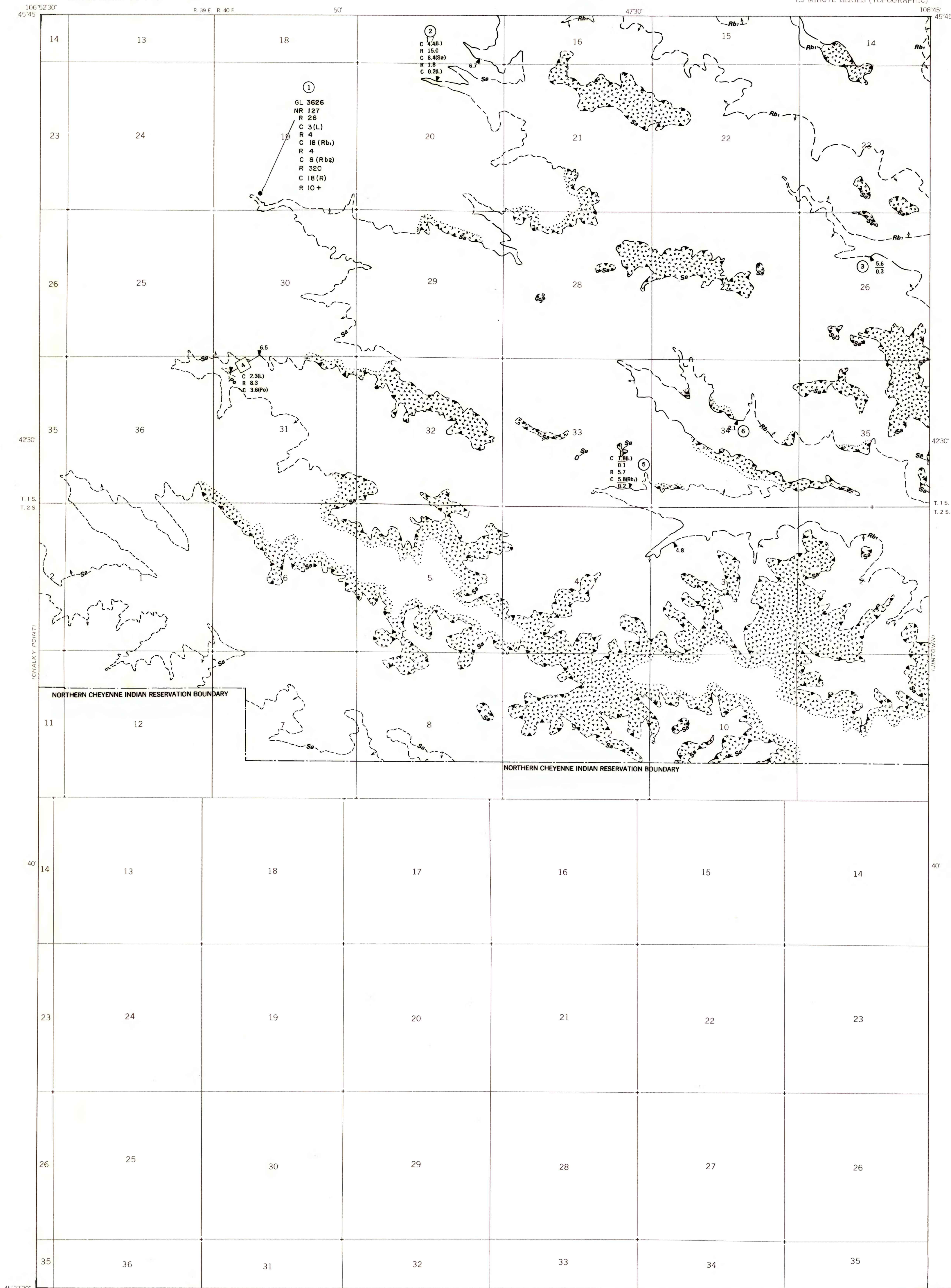
TRACE OF COAL BED OUTCROP—Dashed where approxi-
mately located; short dashed where inferred. Showing
thickness of coal, or coal-rock intervals, in feet, measured
at triangle. Where a thickness fraction is shown, it indi-
cates the net coal thickness (upper number) and net part-
ings thickness (lower 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 Dobbin (1980, pl. 7) 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.

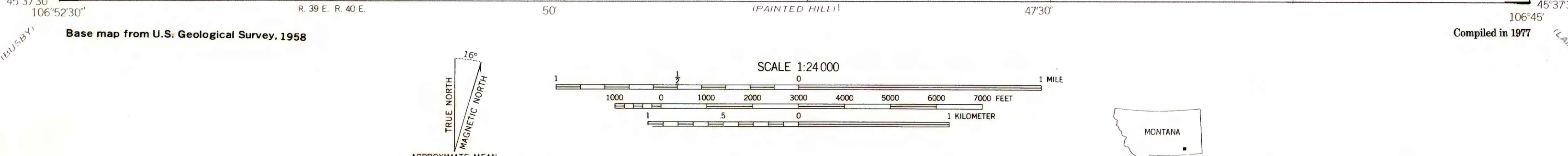
To convert feet to meters, multiply feet by 0.3048.

REFERENCE FOR NONINDEXED DATA POINTS

Dobbin, C. E., 1980, The Forsyth coal field, Rosebud, Treasure,
and Big Horn Counties, Montana: U.S. Geol. Survey Bull.
812-A, p. 1-55.



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



COAL RESOURCE OCCURRENCE MAP OF THE BLACK SPRING QUADRANGLE,
ROSEBUD AND BIG HORN COUNTIES, MONTANA

BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979