

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 sec-
tion is based on nearby coal bed thickness measurements.

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

GL 3500
NR 206
R 10+

GL 3153
R 40
C 130(b)
R 56
C 16.)
R 39
C 16.)
R 21
C 34.)
R 56
TD 230

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

Sa—Sawyer
Rb₁—Upper Rosebud (Lee)
L—Local
Kn—Knobloch
Rb₂—Lower Rosebud
Mc—McKay

COAL BED SYMBOLS AND NAMES

TRACE OF COAL BED OUTCROP—Dashed where approxi-
mately located; short dashed where inferred. Showing
thickness of coal 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 Bass
(1932, pl. 3), Dobbin (1930, pl. 7), Kerpferle (1954, pl. 50),
and Matson and Blumer (1973, pl. 30) to fit modern topo-
graphic map.

BURNED AND CLINKERED COAL BED—Showing area of
baked and fused rock (v symbol). Dotted line indicates the
inferred limit of burning.

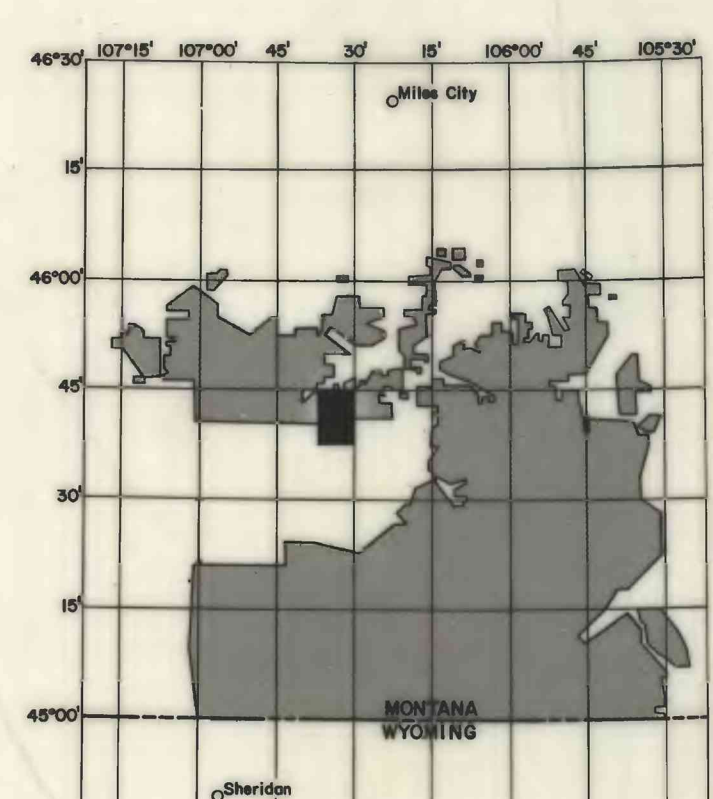
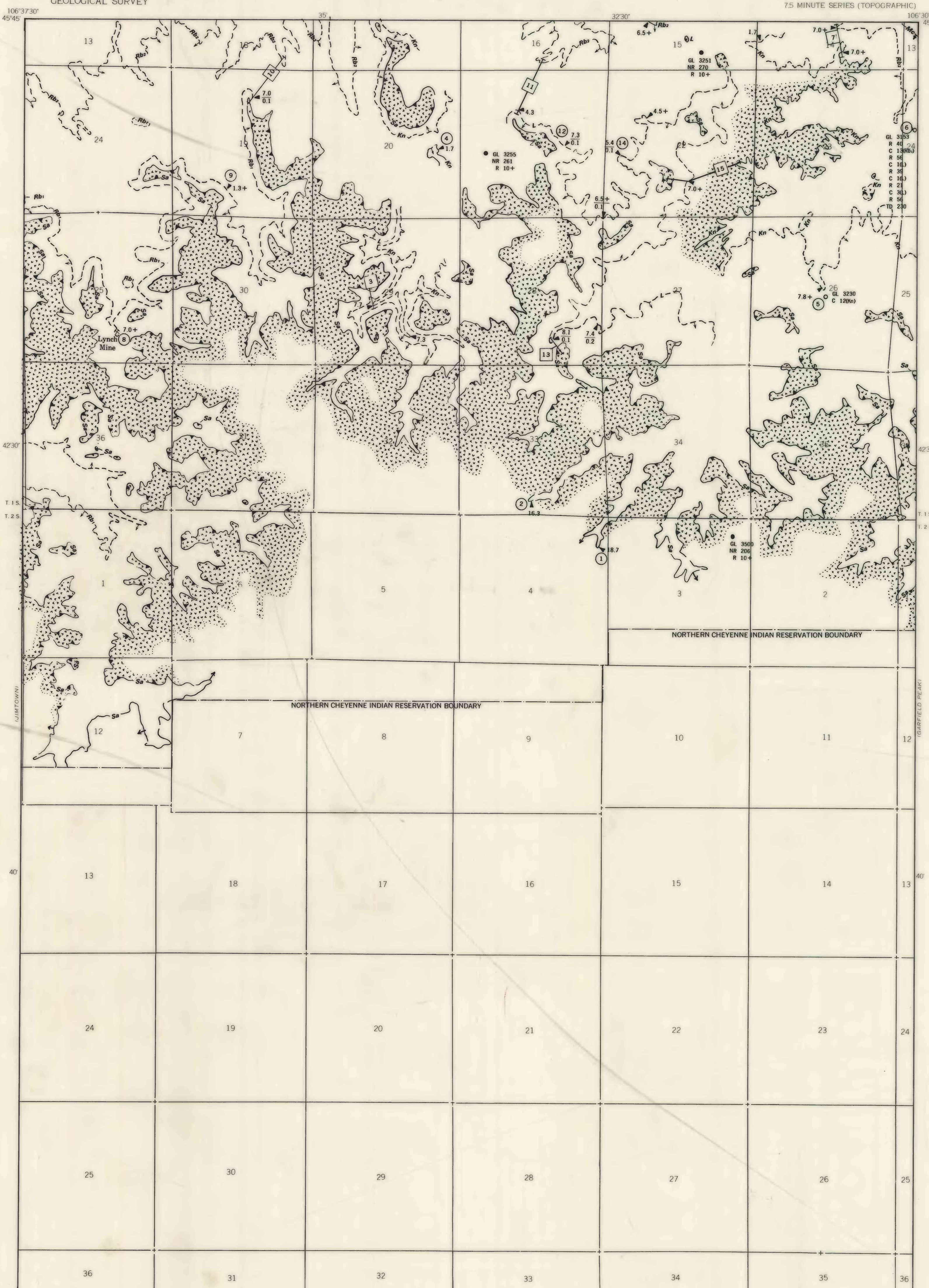
Lynch Mine 7.0+

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

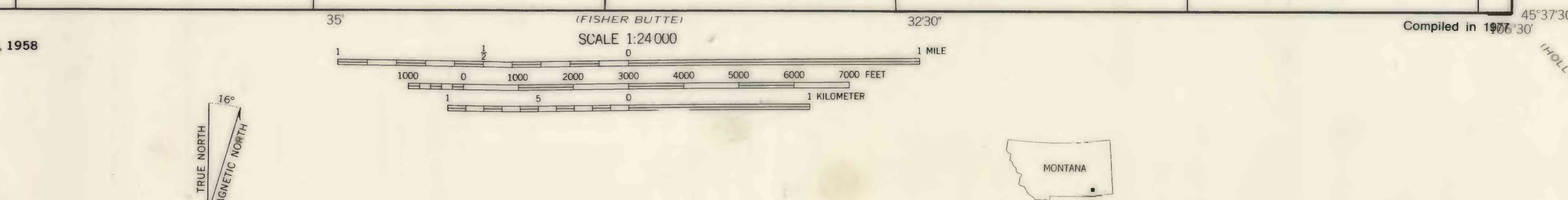
To convert feet to meters, multiply feet by 0.3048.

REFERENCES FOR NON-INDEXED DATA POINTS

Bass, N. W., 1932, The Ashland coal field, Rosebud, Powder
River, and Custer Counties, Montana: U.S. Geol. Survey
Bull. 831-B, p. 19-105.



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



COAL RESOURCE OCCURRENCE MAP OF THE BADGER PEAK
QUADRANGLE, ROSEBUD COUNTY, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979