

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 drill-hole data, in
feet.

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

DRILL-HOLE DATA SYMBOLS

Kn—Knobloch
Kn₁—Upper Knobloch
Kn₂—Lower Knobloch
F-G—Flowers-Goodale
Te—Terret
Vb—Volborg
Cr—Contact
Aln—Allen
L—Local

COAL BED SYMBOLS AND NAMES

C 12 (K)
R 5.0
C 10 (L)
3.5 2.8 0.2

TRACE OF COAL BED OUTCROP—Dashed where
approximately located; short dashed where inferred.
Showing thickness of coal, or coal-rock intervals, in feet.
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),
Bryson (1952, pl. 1), Matson and Blumer (1973, pl. 28),
and Parker and Andrews (1941, pl. 16) 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.

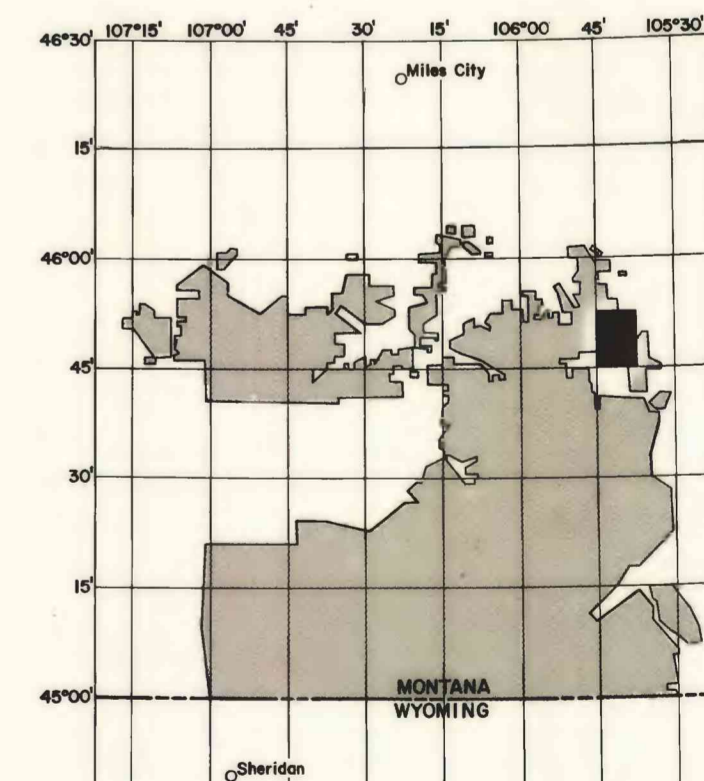
To convert feet to meters, multiply feet by 0.3048.

REFERENCES FOR NONINDEXED DATA POINTS

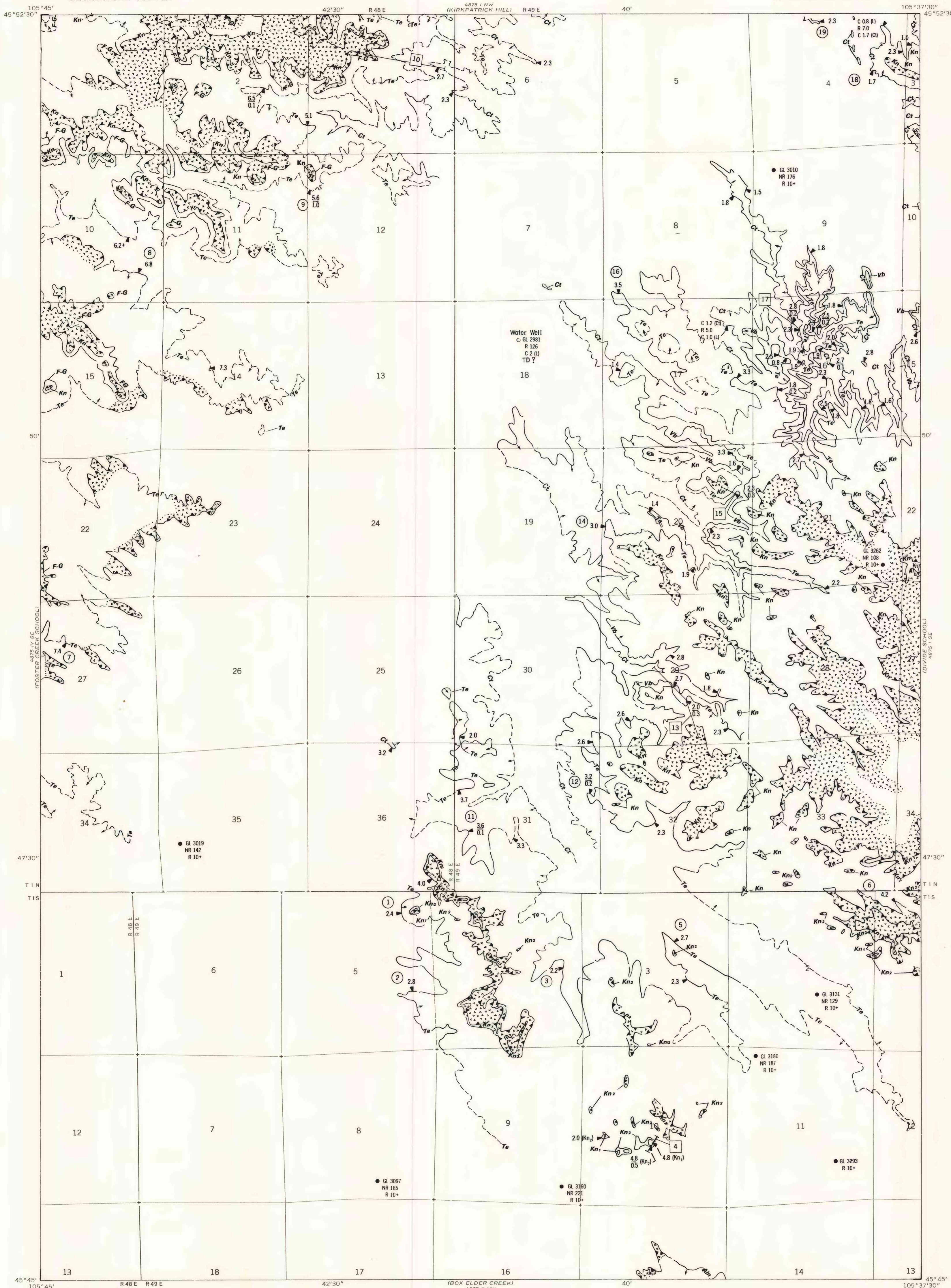
BASS, N.W., 1932. The Ashland coal field, Rosebud, Powder
River, and Custer Counties, Montana. U.S. Geol. Survey
Bull. 881-B, p. 19-105.

BRYSON, R.P., 1952. The Coalwood coal field, Powder
River County, Montana. U.S. Geol. Survey Bull. 973-B,
p. 23-106.

PARKER, F.S., and ANDREWS, D.A., 1939. The Mizpah
coal field, Custer County, Montana. U.S. Geol. Survey
Bull. 906-C, p. 85-133.

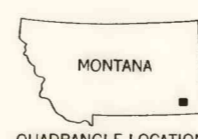
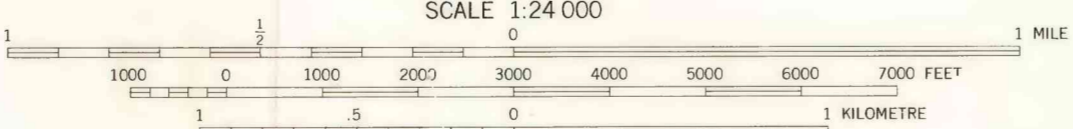
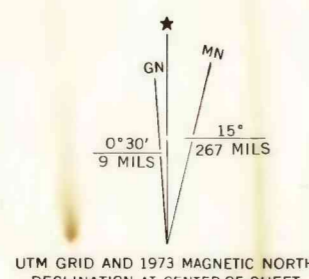


INDEX MAP—Showing location of the Volborg quadrangle
and the Northern Powder River Basin Known Recoverable
Coal Resource Area (stippled), Montana



Base map from U.S. Geological Survey, 1973

Compiled in 1977



COAL RESOURCE OCCURRENCE MAP OF THE VOLBORG QUADRANGLE
CUSTER AND POWDER RIVER COUNTIES, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979