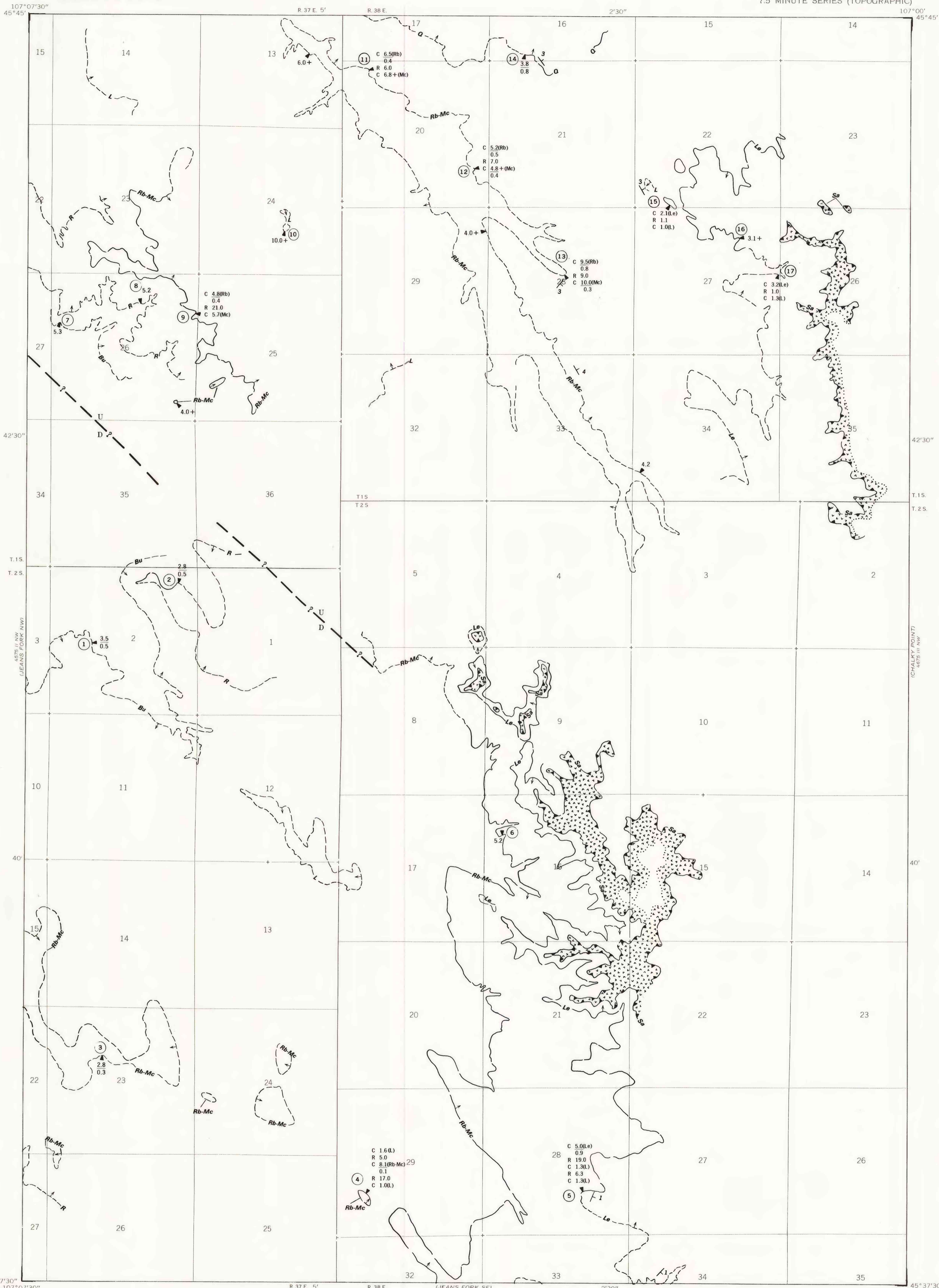


OPEN-FILE REPORT  
This report has not been edited for conformity with  
U.S. Geological Survey editorial standards or  
stratigraphic nomenclature.



EXPLANATION

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

- Sa—Sawyer
- Le—Lee
- L—Local
- Q—Q coal bed
- Rb-Mc—Rosebud-McKay
- A—Robinson
- Bu—Burley

COAL BED SYMBOLS AND NAMES

- C 5.0(L)
- R 0.9
- R 19.0
- C 1.3(L)
- R 6.3
- C 1.3(L)

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  
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 Thom and others, (1935, pl. 14) to fit modern topo-  
graphic map.

STRIKE AND DIP OF BEDS



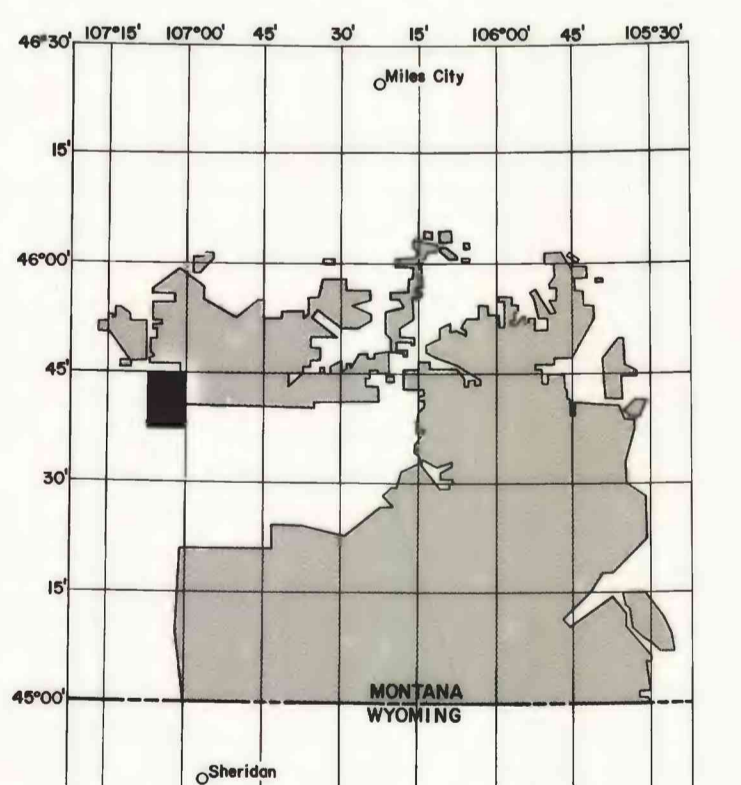
BURNED AND CLINKERED COAL BED—Showing area of  
haked and fused rock (v symbol). Dotted line indicates the  
inferred limit of burning.

FAULT—Dashed where approximately located. U, upthrust  
side; D, downthrust side.

To convert feet to meters, multiply feet by 0.3048.

REFERENCE FOR NONINDEXED DATA POINTS

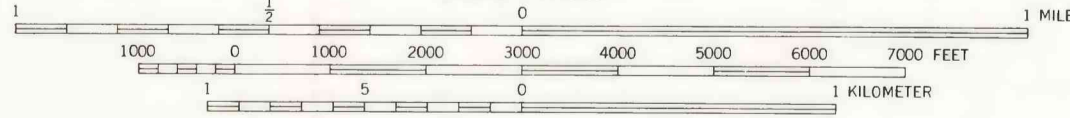
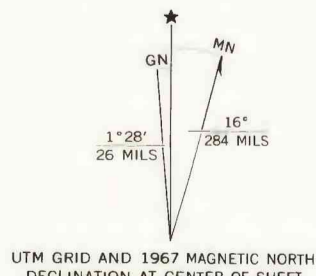
Thom, W. T., Jr., and others, 1935, Geology of Big Horn County  
and the Crow Indian Reservation, Montana: U.S. Geo-  
l. Surv. Bull. 856, 200 p.



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

Base map from U.S. Geological Survey, 1967

Compiled in 1977



COAL RESOURCE OCCURRENCE MAP OF THE JEANS FORK NE  
QUADRANGLE, BIG HORN COUNTY, MONTANA

BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1979