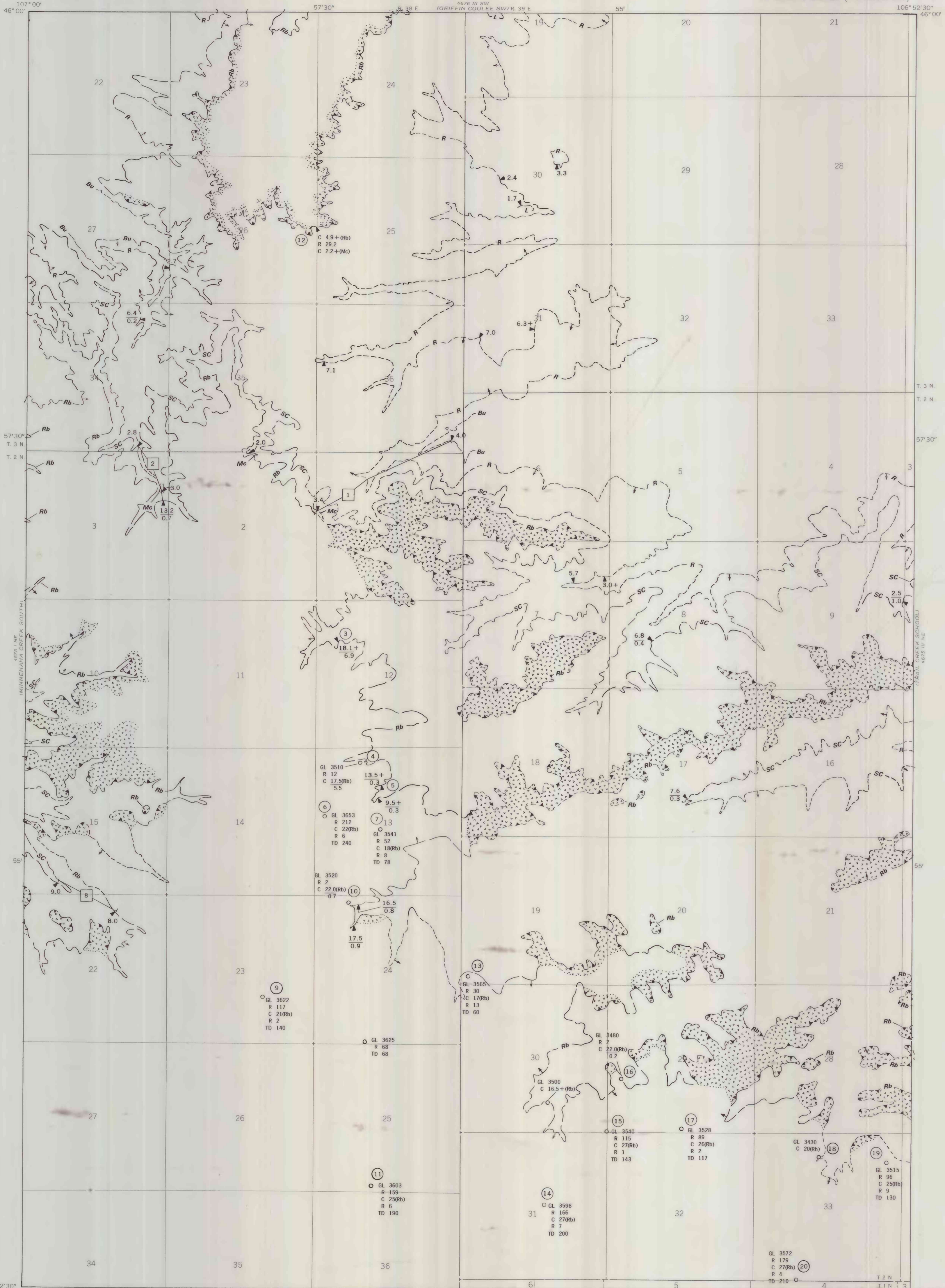


This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.



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 3653  
R 212  
C 220(Rb)  
R 6  
TD 240

COAL TEST HOLE—Showing index number of hole shown on plate 3 of CRO map, and drill-hole data, in feet. Ground elevations of test holes taken from plate 14 of Matson and Blumer (1973) have been raised 35 feet per original author of plate 14 (oral commun., C. M. Carmichael, Nov. 1977).

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

DRILL-HOLE DATA SYMBOLS

L—Local  
Rb—Rosebud  
Mc—McKay  
SC—Stocker Creek  
R—Robinson  
Bu—Burley

COAL BED SYMBOLS AND NAMES

C 4.9+(Rb)  
R 29.2  
C 2.2+(Mc)  
R 6  
Rb

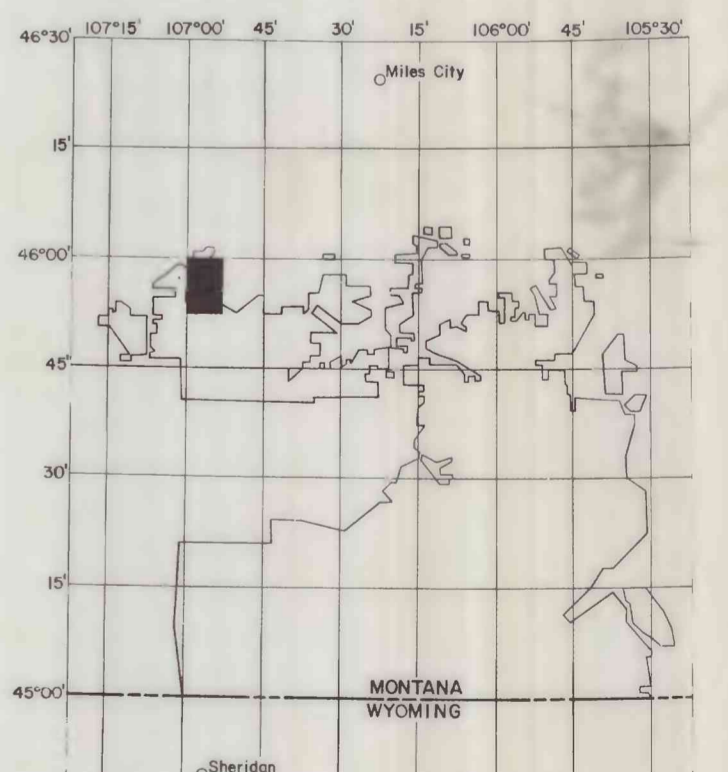
TRACE OF COAL BED OUTCROP—Dashed where approximately located; short dashed where inferred. Showing thickness of coal, in feet, measured at triangle. Where a thickness fraction is shown, it indicates the net coal thickness (upper number) and net partings thickness (lower number). Letters designate the name of the coal bed as listed above. Arrow points toward coal-bearing area. Trace of coal outcrop has been modified from Dobbin (1930, pl. 7), Keperle (1954, pl. 51, 53), and Matson and Blumer (1973, pl. 14) 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.

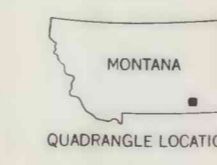
REFERENCES FOR NON-INDEXED DATA POINTS

- Dobbin, C. E., 1930, The Forsyth coal field, Rosebud, Treasure and Big Horn Counties, Montana: U.S. Geol. Survey Bull. 812-A, p. 1-55.
- Keperle, R. C., 1954, Selected deposits of strippable coal in central Rosebud County, Montana: U.S. Geol. Survey Bull. 995-1, p. 333-381.
- Matson, R. E., and Blumer, J. W., 1973, Quality and reserves of strippable coal, selected deposits, southeastern Montana: Montana Bur. Mines and Geol. Bull. 91, 135 p.



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

Base map from U.S. Geological Survey, 1971



COAL RESOURCE OCCURRENCE MAP OF THE MC CLURE CREEK QUADRANGLE, ROSEBUD AND TREASURE COUNTIES, MONTANA  
BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1978