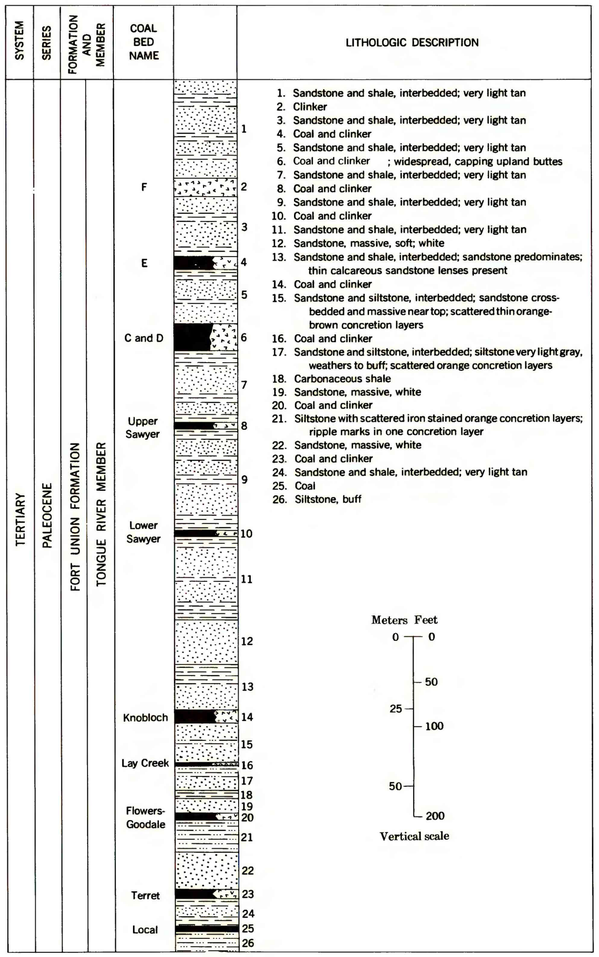
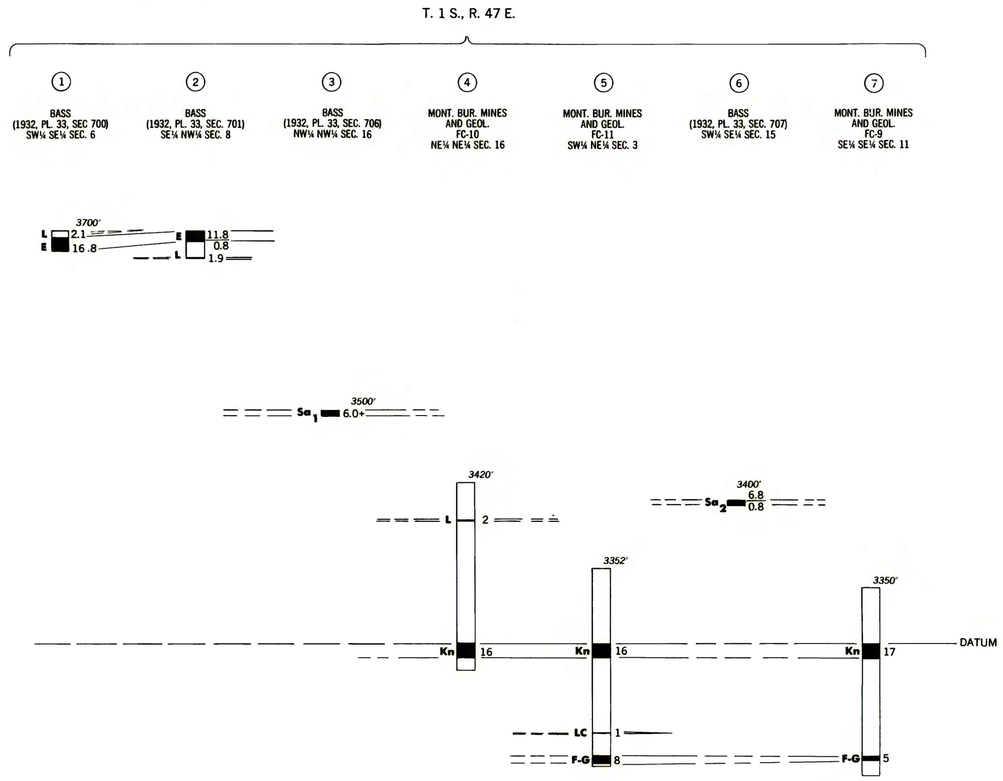
COMPOSITE COLUMNAR SECTION



CORRELATION OF COAL BEDS IN DRILL HOLES, MEASURED SECTIONS, AND COMPOSITE SECTIONS



EXPLANATION

19 — Index number (within circle or square)

COMPOSITE SECTION AFTER BASS (1932, PL. 32, SECS. 657, 658) SE¼ NE¼ SEC. 18 NE¼ SE¼ SEC. 18 — Source of information; Location

3190' — Ground elevation

Kn 8.8 / 1.9; LC 2 EST.; F-G 8.2+ — Coal bed, showing thickness in feet. Where a thickness fraction is shown, it indicates the net coal thickness (upper number) and the net partings thickness (lower number), EST., estimated thickness.

Rock interval; thickness is estimated on composite sections.

Column shown closed if at total depth.

Meters Feet: 0–0, 50, 25–100, 50–200; Vertical scale

Coal bed symbols and names

- L —Local
- E —E coal bed
- Sa_1 —Upper Sawyer split
- Sa_2 —Lower Sawyer split
- Kn —Knobloch
- LC —Lay Creek
- F-G —Flowers-Goodale
- Te —Terret

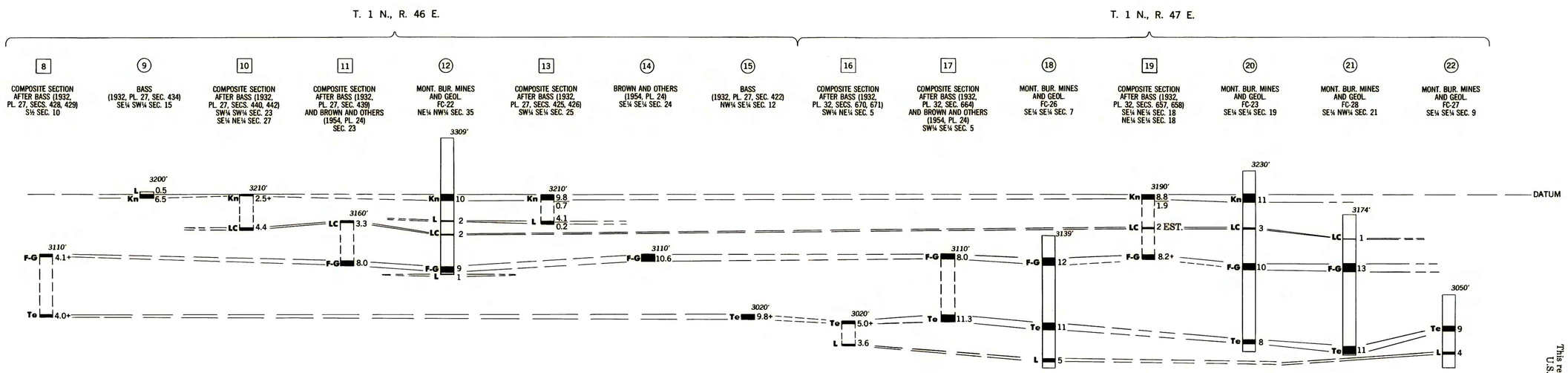
REFERENCES

BASS, N.W., 1982, The Ashland coal field, Rosebud Powder River, and Custer Counties, Montana: U. S. Geol. Survey Bull. 831-B, p. 19-105.

BROWN, A. and others, 1954.Strippable coal in Custer and Powder River Counties, Montana: U. S. Geol. Survey Bull. 995-E

GILMOUR, E. H., and WILLIAMS, L. A., 1969, Geology and coal resources of the Foster Creek coal deposit eastern Montana: Mont. Bur. Mines and Geol. Bull. 73, p. 1-9.

MONTANA BUREAU OF MINES AND GEOLOGY, 1977, Open-file well logs available at Montana Bureau of Mines and Geology, Butte, Montana



UNITED STATES
DEPARTMENT OF THE INTERIOR
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OPEN FILE REPORT 79-016
PLATE 3 OF 22

OPEN-FILE REPORT
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.
Compiled in 1977

PLATE 3
COAL DATA SHEET

COAL RESOURCE OCCURRENCE MAP OF THE NORTH STACEY SCHOOL QUADRANGLE, CUSTER AND POWDER RIVER COUNTIES, MONTANA

BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE

1979