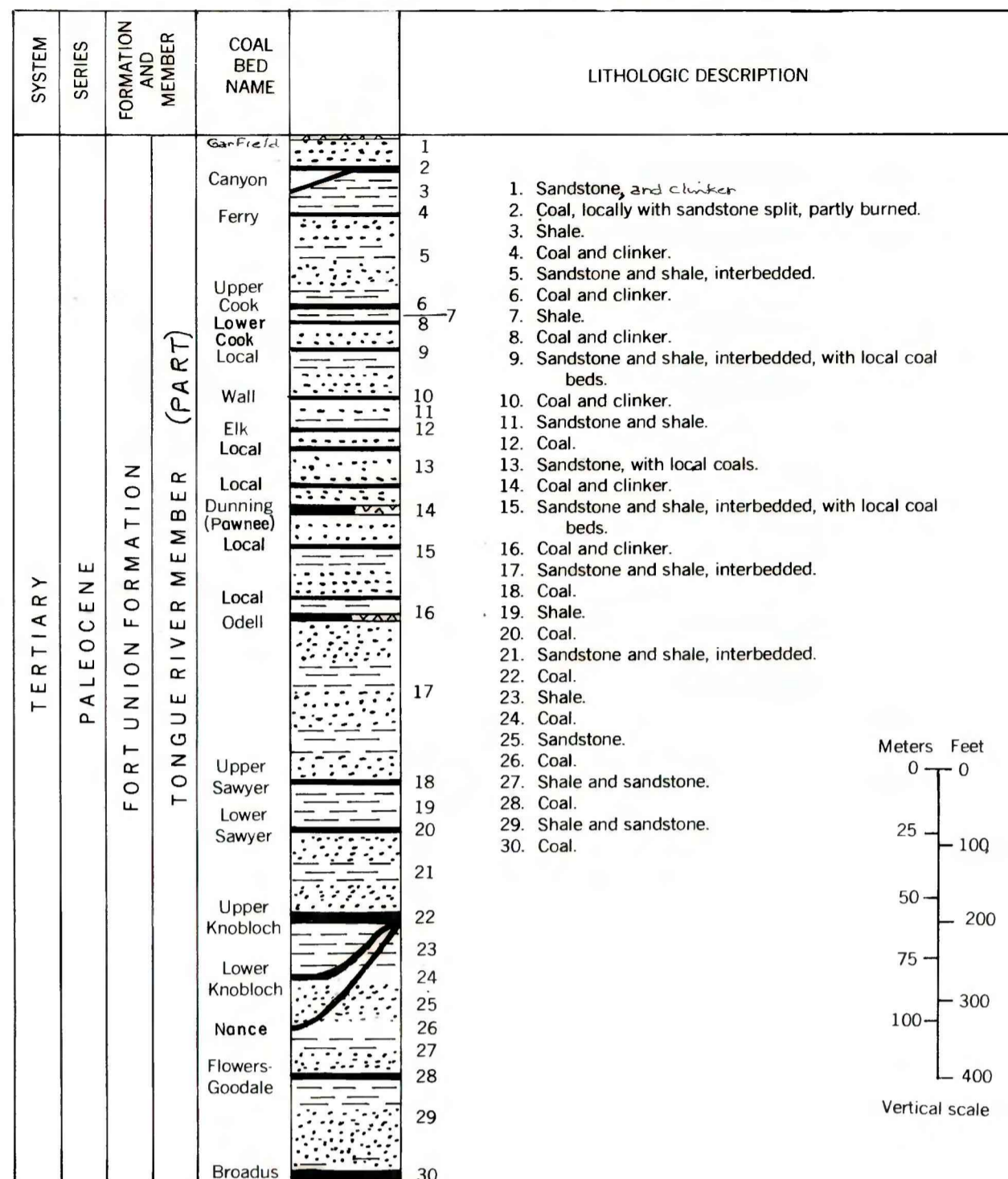


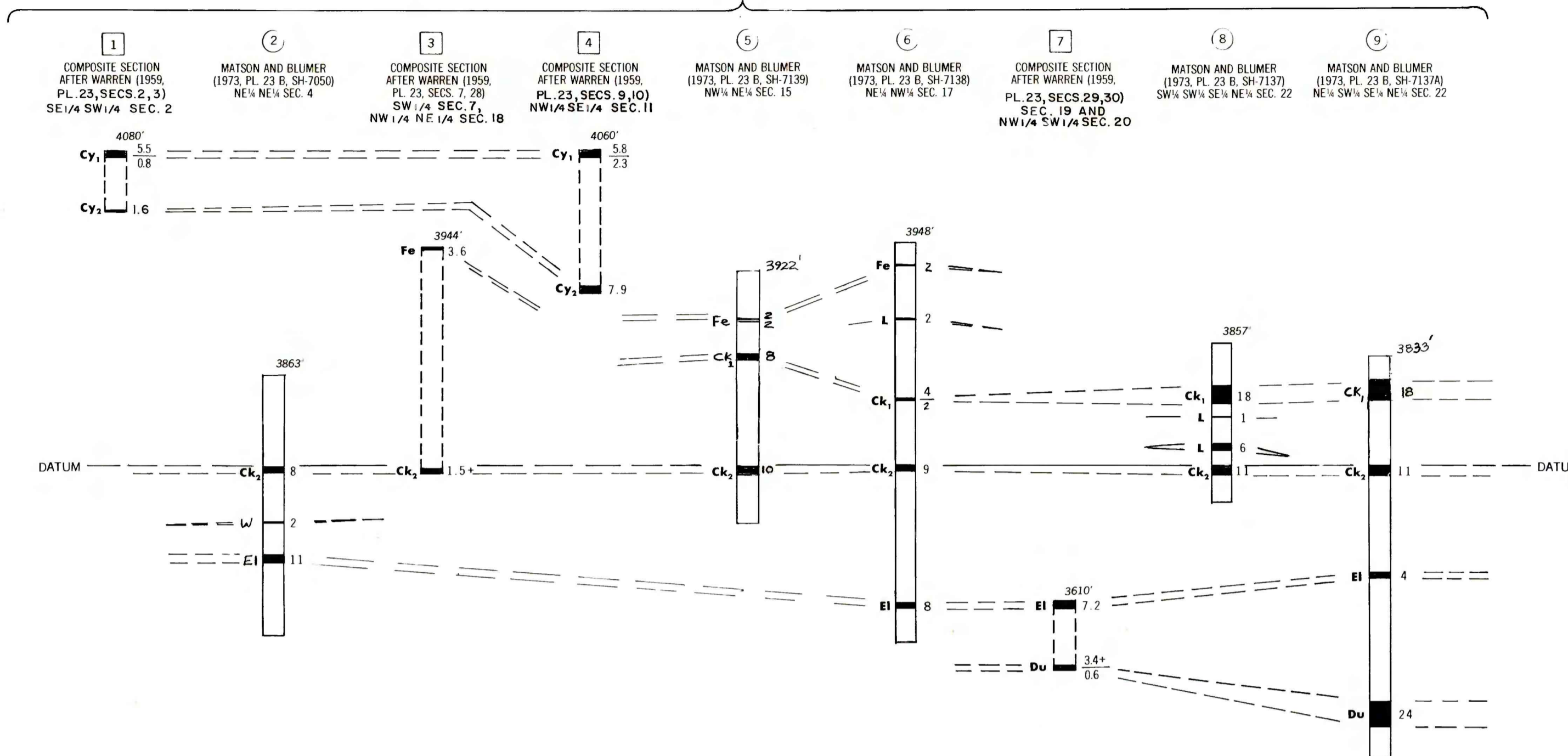
OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.
Compiled in 1977

COMPOSITE COLUMNAR SECTION



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

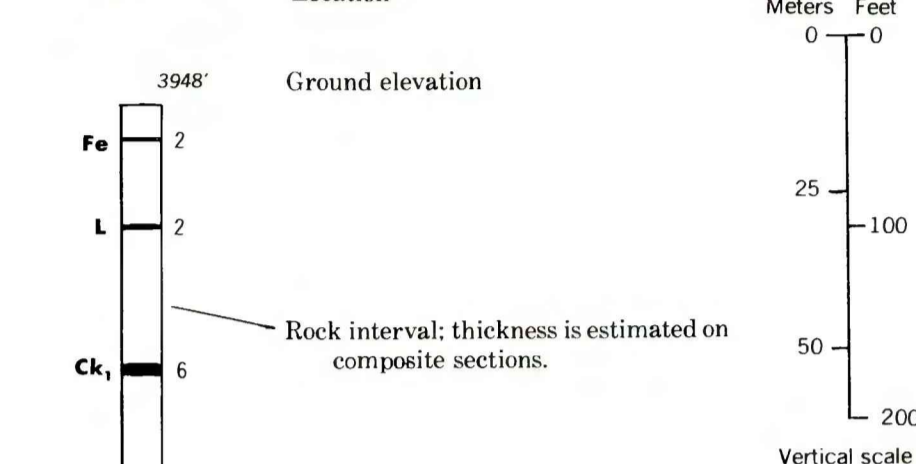
T. 5 S., R. 47 E.



EXPLANATION

⑥ Index number (within circle or square)

MATSON AND BLUMER (1973, PL. 23 B, SH. 7138) NE 1/4 NW 1/4 SEC. 17
Location



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.

Coal bed symbols and names

- L—Local
- Cy—Canyon
- Cy₁—Upper Canyon
- Cy₂—Lower Canyon
- Fe—Ferry
- Ck₁—Upper Cook
- Ck₂—Lower Cook
- W—Wall
- El—Elk
- Du—Dunning (Pawnee)
- O—Odell
- Sa₁—Upper Sawyer
- Sa₂—Lower Sawyer
- Kn₁—Upper Knobloch
- Kn₂—Lower Knobloch

REFERENCES

MATSON, R.E., and BLUMER, J.W., 1973. Quality and reserves of strippable coal, selected deposits, south-eastern Montana: Mont. Bur. Mines and Geol. Bull. 91, 135 p. [Original logs of drill holes were released as Montana Bureau of Mines and Geology open-file reports (and as an appendix to Bull. 91) which contain more complete information than is shown in their Bull. 91.]

WARREN, W.C., 1959. Reconnaissance geology of the Birney-Broadus coal field, Rosebud and Powder River Counties, Montana: U.S. Geol. Survey Bull. 1072-J, p. 561-585.

T. 4 S., R. 47 E.

T. 4 S., R. 46 E.

