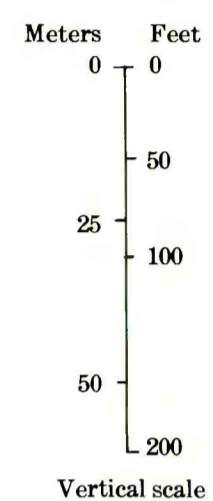


OPEN-FILE REPORT  
This report has not been edited for conformity with  
U.S. Geological Survey editorial standards or  
stratigraphic nomenclature.  
Compiled in 1977

EXPLANATION

- 13 Index number (within circle or square)
- COMPOSITE SECTION AFTER BRYSON (1952, PL. 10, SECS. 127, 128) SE 1/4 NW 1/4 SEC. 34 NW 1/4 SW 1/4 SEC. 35 3350' Location
- Ground elevation
- 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).
- Rock interval, thickness is estimated on composite sections.
- Column shown closed if at total depth.
- Coal bed symbols and names  
M-W—Mackin-Walker  
Sa—Sawyer  
Kn—Knobloch  
Br—Broadus  
L—Local  
Te—Terret



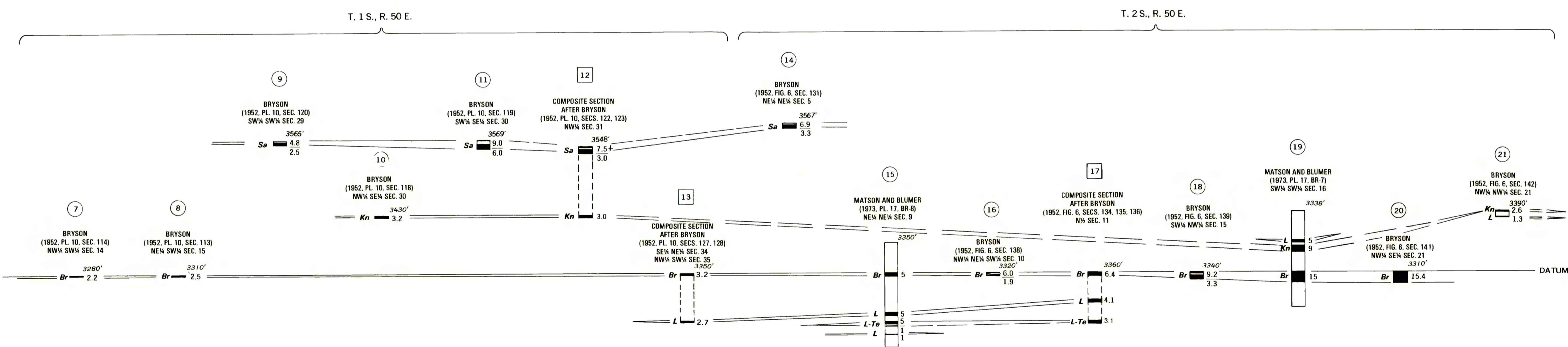
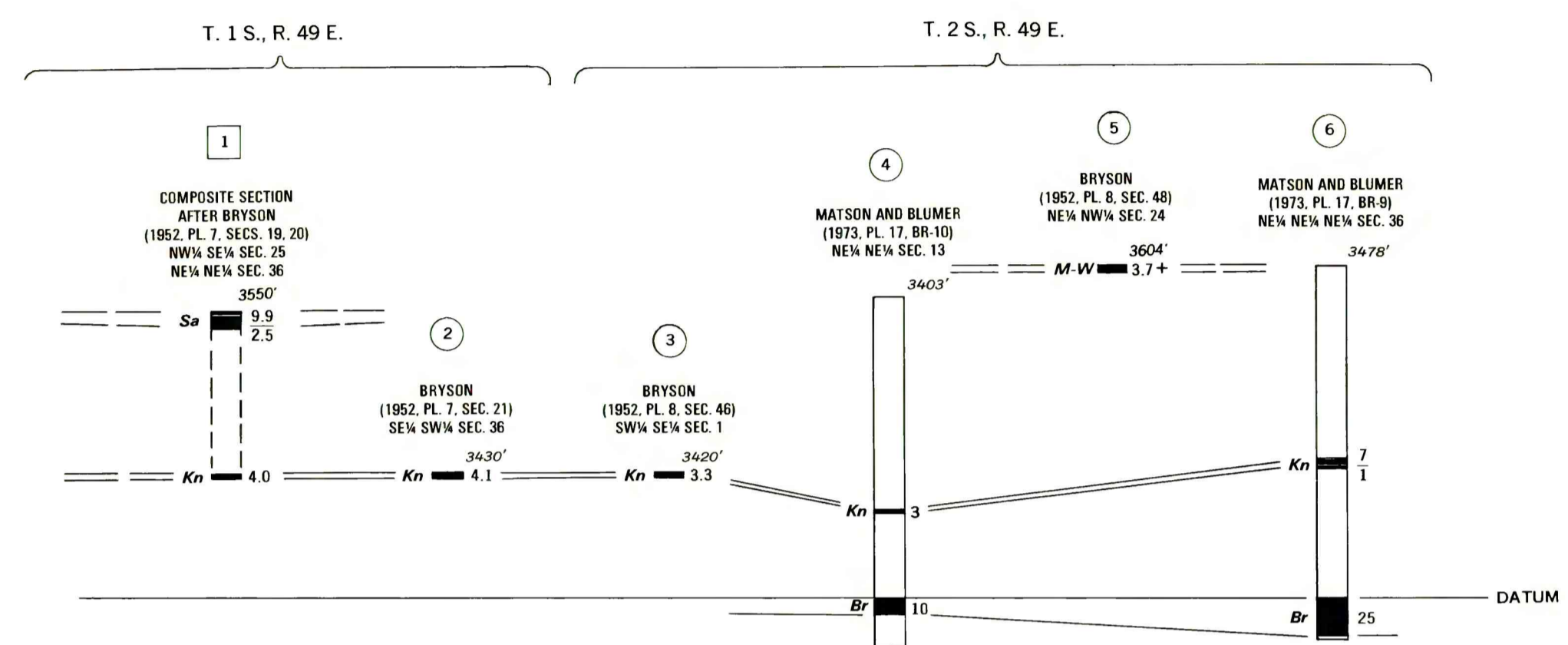
REFERENCES

Bryson, R. P., 1952, The Coalwood coal field, Powder River County, Montana: U.S. Geol. Survey Bull. 973-B, p. 23-106.  
Matson, R. E., and Blumer, J. W., 1973, Quality and reserves of strippable coal, selected deposits, southeastern Montana: Montana Bur. Mines and Geology Bull. 91, 135 p.

COMPOSITE COLUMNAR SECTION

SYSTEM	SERIES	FORMATION	MEMBER	COAL BED NAME	LITHOLOGIC DESCRIPTION
TERTIARY	PALEOCENE	FORT UNION FORMATION	TONGUE RIVER MEMBER	Mackin Walker	1. Siltstone and shale, light brown to gray.
				Local	2. Coal.
					3. Sandstone, light brown to gray; interbedded shale.
					4. Coal.
					5. Siltstone and interbedded shale, light brown to gray.
					6. Coal, locally burned.
				Sawyer	7. Sandstone, light yellow to brown; interbedded shale.
					8. Coal.
					9. Shale.
					10. Coal.
					11. Shale, light brown to gray.
					12. Coal.
				Local	13. Sandstone, light yellow-brown; with interbedded shale.
					14. Coal.
				Knobloch	15. Sandstone, light yellow-brown; with interbedded shale.
					16. Coal.
					17. Sandstone and shale, light brown to gray.
				Broadus	18. Coal.
					19. Shale and sandstone, light brown to gray.
				Local	20. Coal.
Terret					
Local					
Contact					

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



COAL RESOURCE OCCURRENCE MAP OF THE COALWOOD QUADRANGLE, POWDER RIVER COUNTY, MONTANA  
BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1979