

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

EXPLANATION

(21) Index number (within circle or square)  
 MATSON AND BLUMER (1973, PL. 18, SH-714) NW 1/4 SEC. 30 Location

Ground elevation  
 Rock interval; thickness is estimated on composite sections.  
 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.

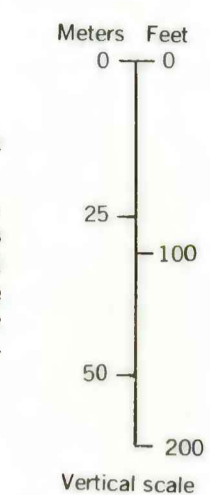
Coal bed symbols and names

Cy—Canyon  
 Ck—Upper Cook  
 L—Local  
 No. 5—Number 5 bed  
 Pa—Pownee  
 Ca—Cache  
 Br—Broadus

Column shown closed if at total depth

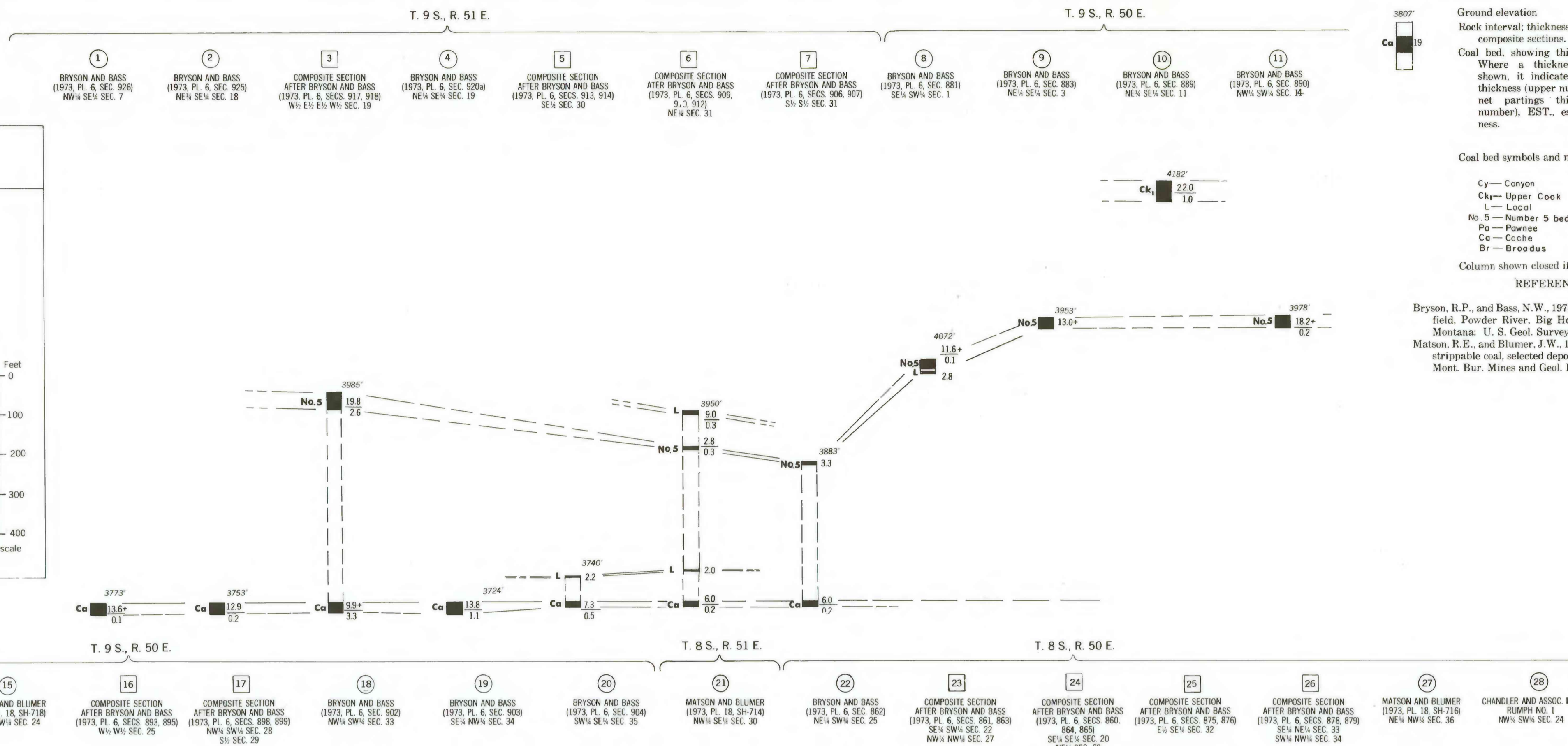
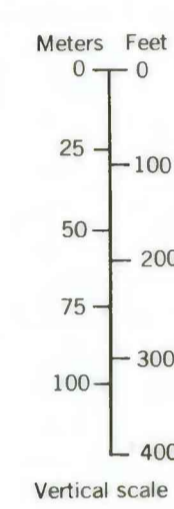
REFERENCES

Bryson, R.P., and Bass, N.W., 1973. Geology of Moorhead coal field, Powder River, Big Horn and Rosebud Counties, Montana. U. S. Geol. Survey Bull. 1388, 116 p.  
 Matson, R.E., and Blumer, J.W., 1973. Quality and reserves of strippable coal, selected deposits, southeastern Montana. Mont. Bur. Mines and Geol. Bull. 91, 135 p.



COMPOSITE COLUMNAR SECTION

SYSTEM	SERIES	FORMATION AND MEMBER	COAL BED NAME	LITHOLOGIC DESCRIPTION
TERTIARY	PALEOCENE	FORT UNION FORMATION TONGUE RIVER MEMBER (PART)	Canyon	1. Sandstone. 2. Coal and clinker. 3. Shale and sandstone, interbedded.
			Upper Cook	4. Coal and clinker. 5. Shale and sandstone, interbedded, local coal. 6. Coal and clinker.
			Local	7. Sandstone and shale. 8. Coal and clinker. 9. Shale and sandstone, interbedded.
			Number 5 bed	10. Coal and clinker. 11. Shale and sandstone.
			Number 5a bed	12. Coal. 13. Shale and sandstone.
			Pawnee	14. Coal and clinker. 15. Shale and sandstone, local coal beds.
			Local	16. Coal. 17. Shale and sandstone, interbedded.
			Cache	18. Coal. 19. Shale.
			Local	20. Coal.
			Local	
			Number 11 bed	
			Broadus	
			Contact	



COAL RESOURCE OCCURRENCE MAP OF THE BAY HORSE QUADRANGLE,  
 POWDER RIVER COUNTY, MONTANA AND CAMPBELL COUNTY, WYOMING  
 BY  
 COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
 1979