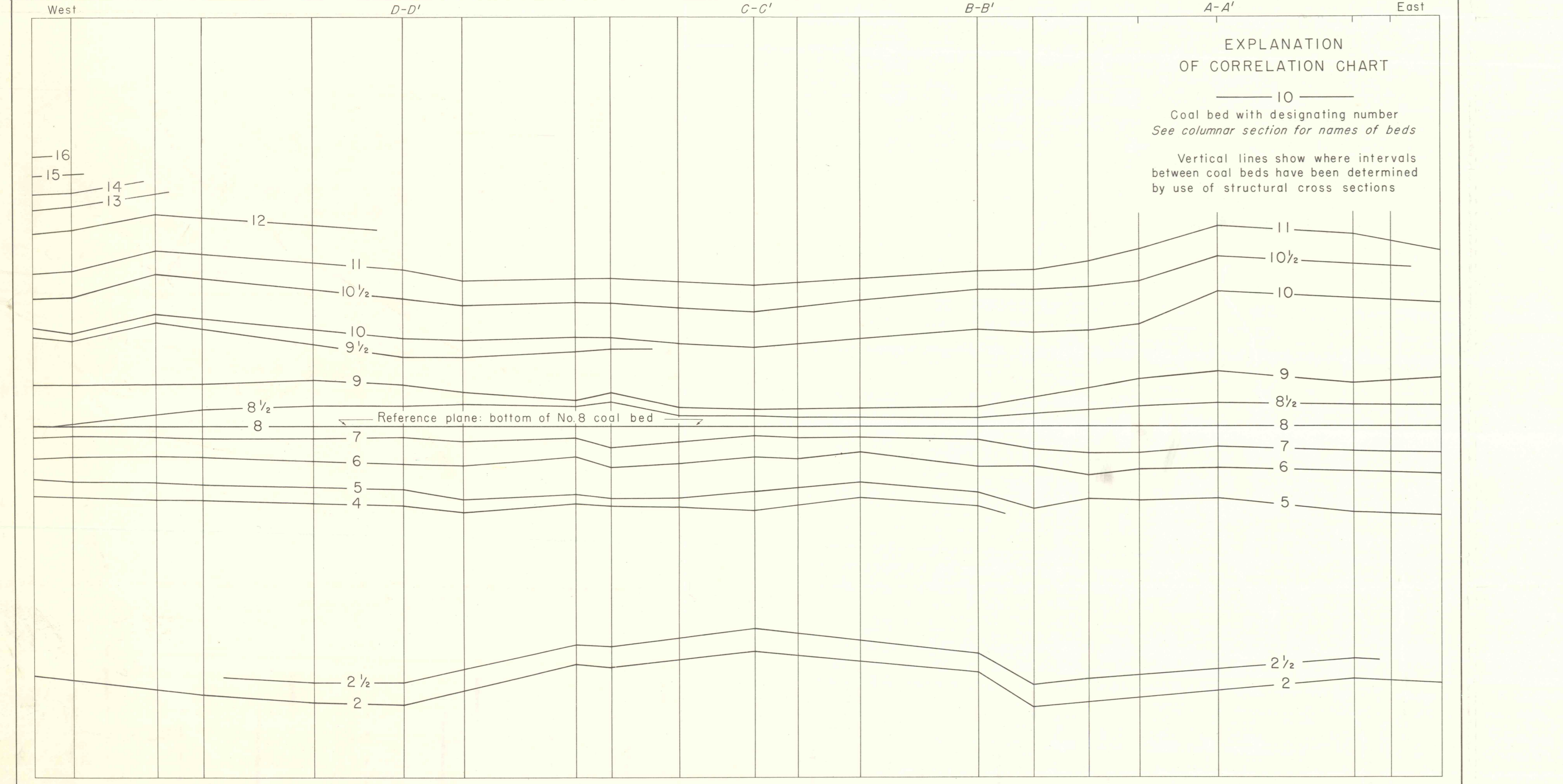


QUATERNARY	COMPOSITE OF THE MAPPED AREA			KNICKERBOCKER BASIN			ELLANGOWAN BASIN			MAPLE HILL BASIN			MAHANOY BASIN			NEW BOSTON BASIN		
	SECTION	U.S.G.S. Coal bed description	Thick-ness in feet	SECTION	Operator's designation	Thick-ness in feet	SECTION	Operator's designation	Thick-ness in feet	SECTION	Operator's designation	Thick-ness in feet	SECTION	Operator's designation	Thick-ness in feet	SECTION	Operator's designation	Thick-ness in feet
	Tracy	16	16															
	Little Diamond	15	40															
	Diamond	14	65															
	Little Orchard	13	30															
	Orchard	12	55															
	Top Split	11	100															
	Bottom Split	10	30															
	Seven-foot	9	108															
	Four-foot	8	160															
	Top Split	7	350															
	Middle Split	6	45															
	Bottom Split	5	105															
	Seven-foot	4	35															
	Top Split	3	30															
	Bottom Split	2	55															
	Little Buck Mt.	1	45															
	Lykens Valley	2 1/2	350															
	Lykens Valley	2	60															
			435															

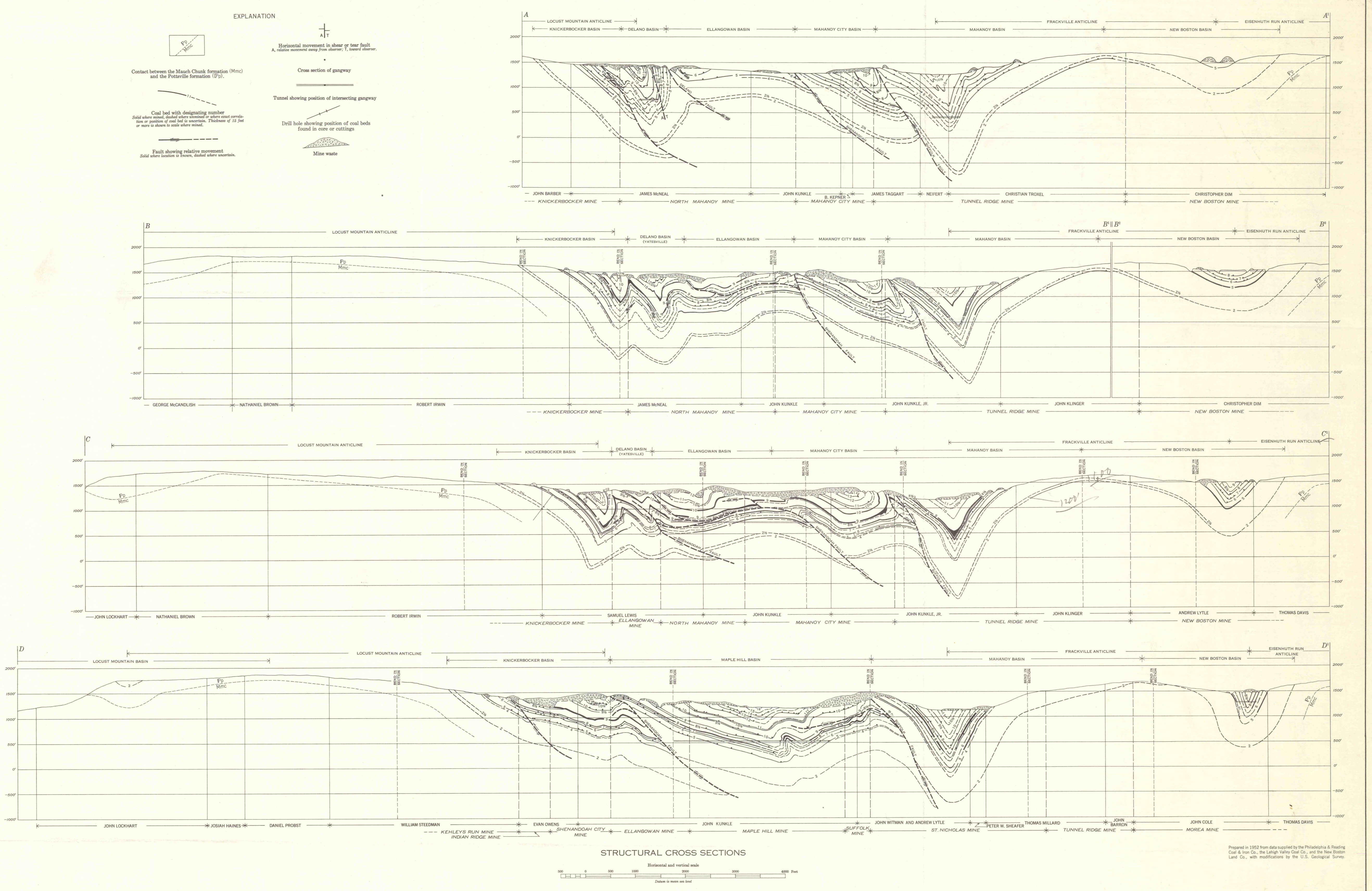


COLUMNAR SECTIONS
Vertical numbers refer to the top of interval between persistent coal beds. Horizontal numbers refer to the range of coal thickness.



EXPLANATION OF CORRELATION CHART
Coal bed with designating number. See columnar section for names of beds.
Vertical lines show where intervals between coal beds have been determined by use of structural cross sections.

GEOLOGY OF ANTHRACITE IN THE EASTERN PART OF THE SHENANDOAH QUADRANGLE, PENNSYLVANIA
Introduction
The Western Middle anthracite field is one of four structural basins containing anthracite in eastern Pennsylvania. This report describes the geology of the part of the Western Middle field that lies in the eastern half of the Shenandoah quadrangle (index map, sheet 2). The mapped area covers about 19 square miles in Schuylkill County. Mahanoy City is in the east-central part of the area, and the town of Hones is in the southwestern part.



EXPLANATION
Conglomerate
Sandstone
Siltstone
Shale
Red claystone
Algalite
Coal
No available data

EXPLANATION
Vertical numbers refer to the top of interval between persistent coal beds.
Horizontal numbers refer to the range of coal thickness.

EXPLANATION
Coal bed with designating number. See columnar section for names of beds.
Vertical lines show where intervals between coal beds have been determined by use of structural cross sections.

EXPLANATION
C-C'-C
D-D'-D
A-A'-A
B-B'-B

EXPLANATION
Coal bed with designating number. See columnar section for names of beds.
Vertical lines show where intervals between coal beds have been determined by use of structural cross sections.

EXPLANATION
Coal bed with designating number. See columnar section for names of beds.
Vertical lines show where intervals between coal beds have been determined by use of structural cross sections.

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