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Cross Section of the Upper Elkhorn Coal Zone Between the McDowell and Jenkins West Quadrangles

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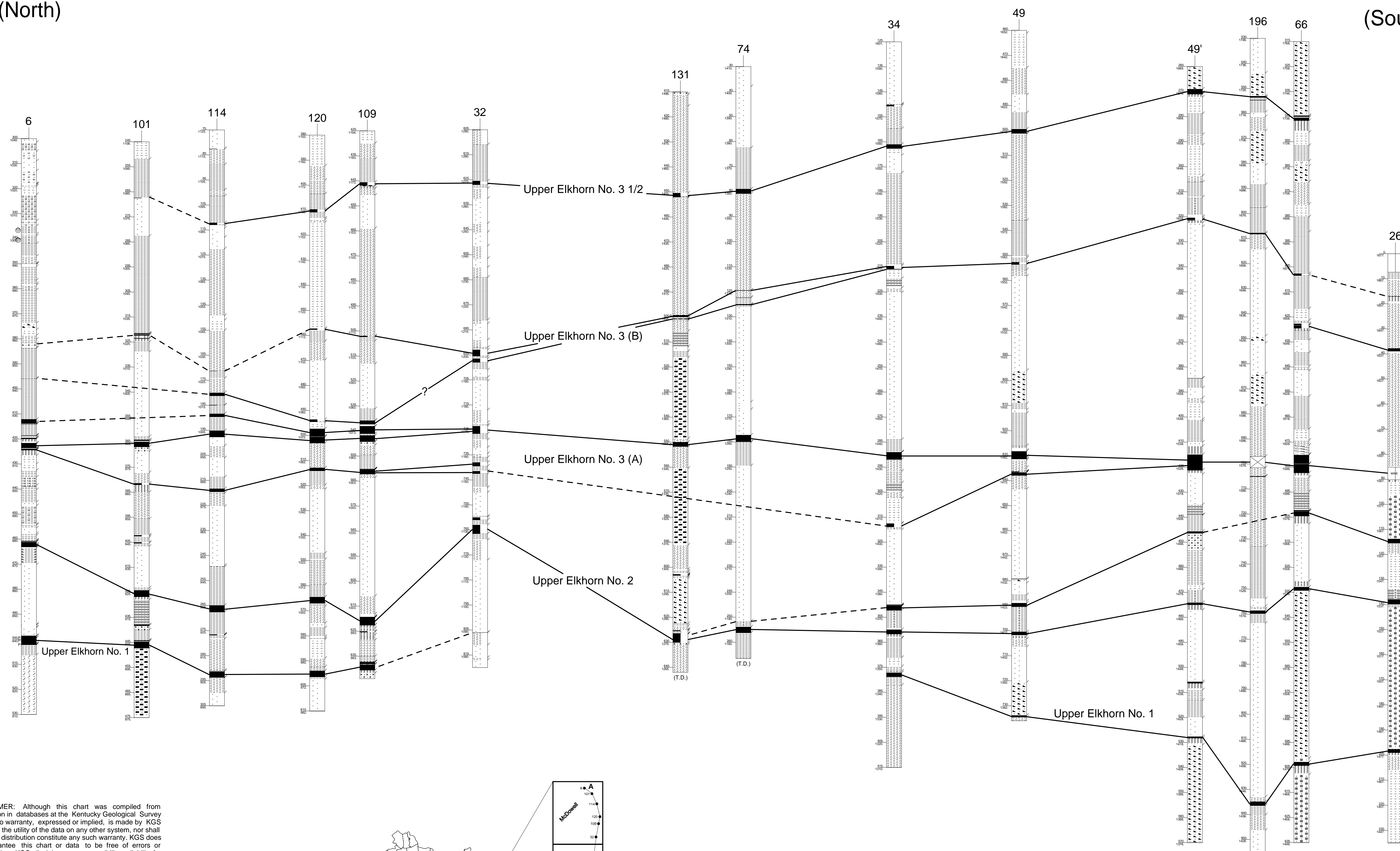
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Cross Section of the Upper Elkhorn Coal Zone between the McDowell and Jenkins West Quadrangles

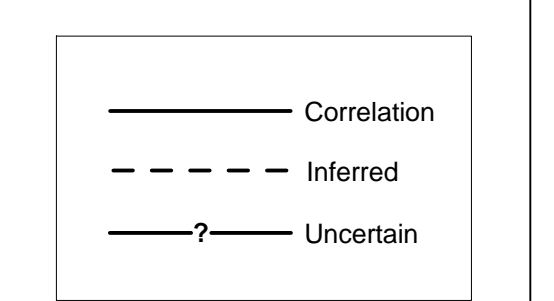
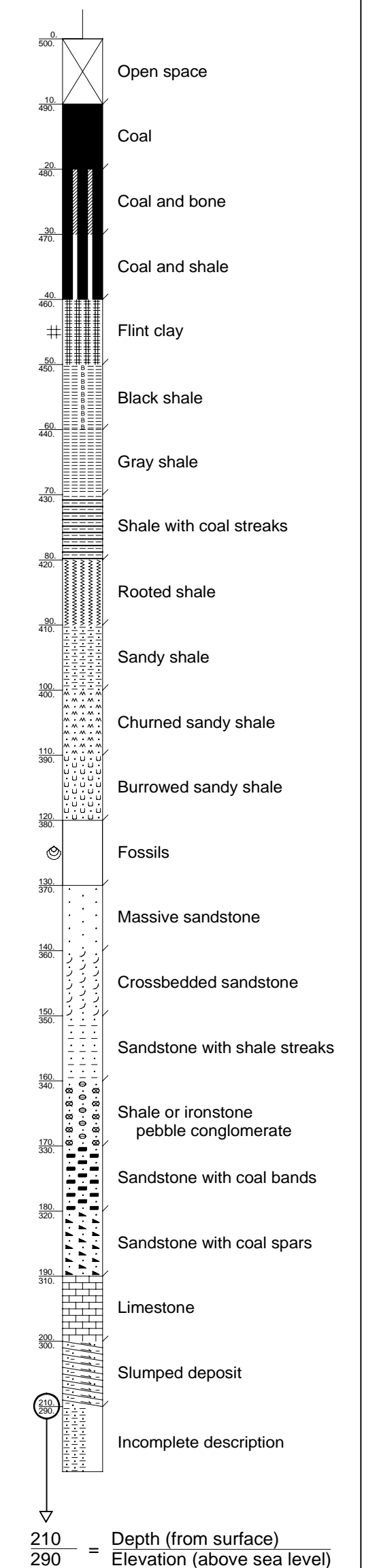
Bradford L. Lockett

A
(North)

A'
(South)



Explanation



Major Coal Zones in Eastern Kentucky

Lower Penn.	Grundy Fm.	Manchester Mason/Glamorgan Hagy Clear Fork Naese
	Pikeville Fm.	Betsie Shale Member
Middle Pennsylvanian	Breathitt Group	Hyden Fm.
		Kendrick Shale Member
	Four Corners Fm.	Upper Elkhorn No. 3 Upper Elkhorn Nos. 1, 2 Lower Elkhorn
		Amburgy
Upper Penn.	Magoffin Member	
	Hazard No. 7 Hazard	
	Francis Hindman	
	Stoney Fork Member	
Richardson Tip-top	Princess Fm.	
	Richardson	

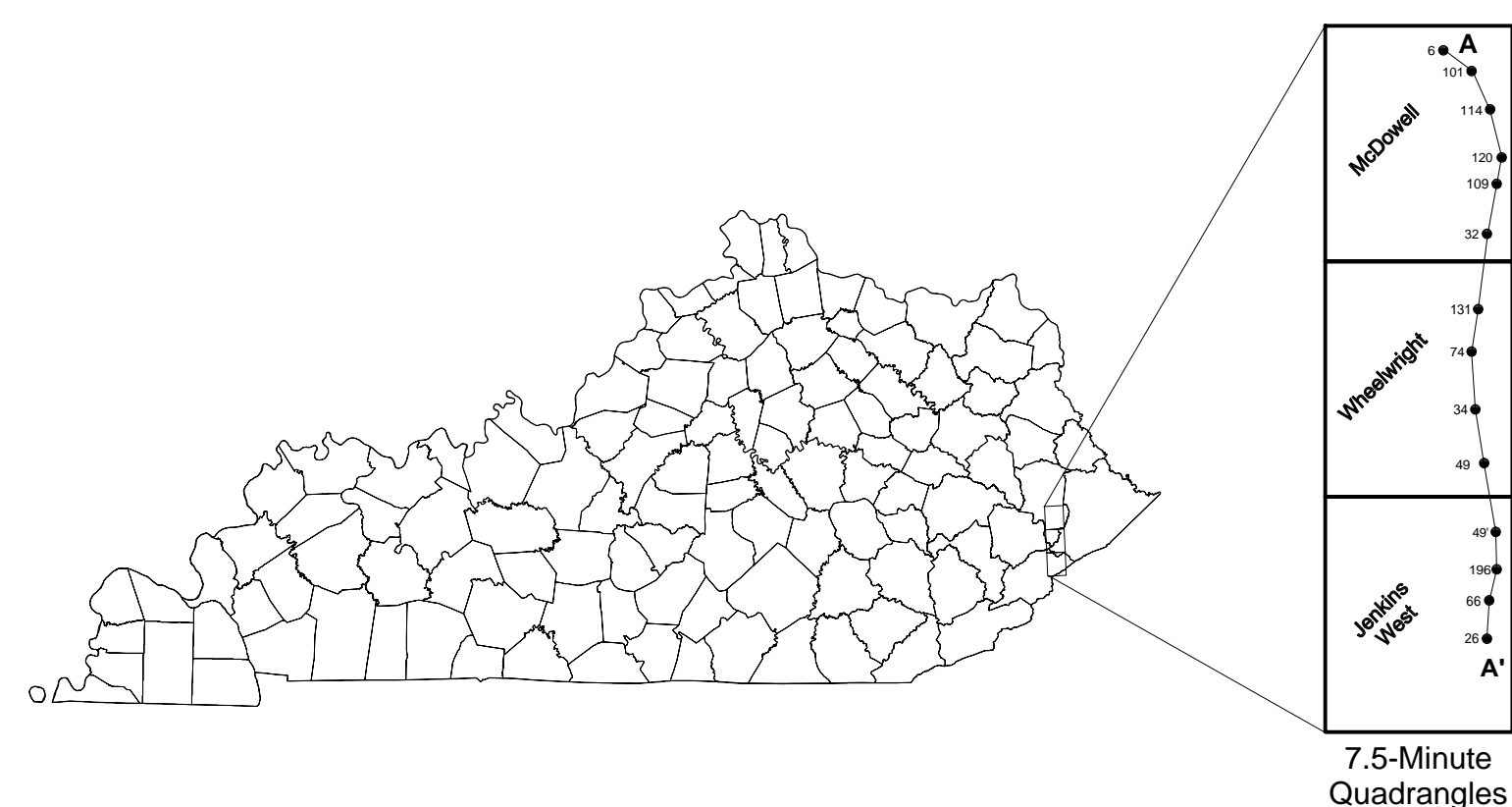
Interval in this Cross Section Highlighted in Gray

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This cross section shows lithic variation and coal-bed correlations for the interval between the Upper Elkhorn No. 1 and the Upper Elkhorn No. 3 1/2 coals in eastern Letcher and southern Floyd Counties. It is one of a series being made to document the characteristics of the Upper Elkhorn coal zone in eastern Kentucky. The data are derived from the KGS coal borehole database, which contains records of exploration core holes supplied by coal companies. Lines on the diagram show general bed correlations and indicate places where mineable coal beds split into two or more thinner benches. The vertical alignment of logs is best fit to minimize structural and interval thickness variation along the line of section.

Coal-bed correlations shown on this cross section were determined by making comparisons to surrounding data in the region, and are based on the best-available data at KGS. Correlations in the KGS borehole database undergo frequent revision, and may not reflect the interpretations on this illustration. Coal-bed names are those used by KGS for regional correlation and may differ from local names.

This chart can be accessed from the KGS online list of publications at kgsweb.uky.edu/main.asp. The KGS borehole database can be searched at kgsweb.uky.edu/DataSearching/coalsearch.asp.

