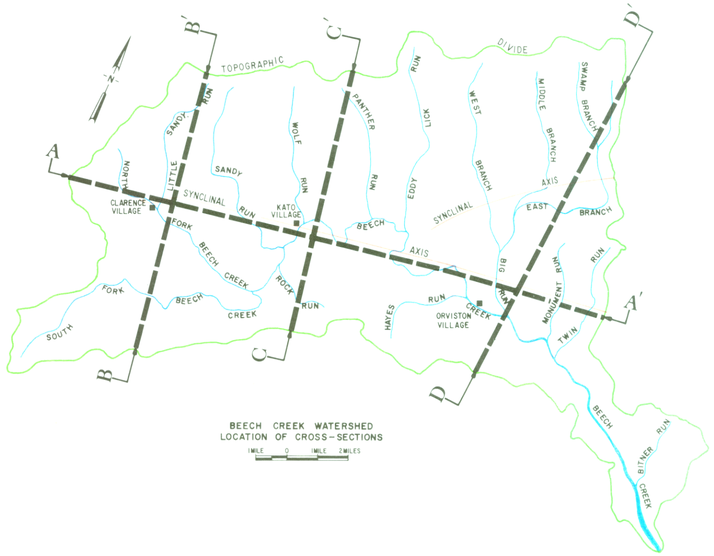
PLATES II, III-A, III-B, IV-A, AND IV-B



BEECH CREEK WATERSHED
LOCATION OF CROSS-SECTIONS

GENERALIZED STRATIGRAPHY
OF THE BEECH CREEK WATERSHED

FORMATION	MEMBER	COLUMNAR SECTION	APPROXIMATE THICKNESS	ROCK TYPE
	EROSION SURFACE			
ALLEGHENY	LOWER FREEPORT			
	MIDDLE & UPPER KITTANNING		50'	COAL CLAYS SHALES SANDSTONES
	LOWER KITTANNING		50'	
	CLARION		60'	
	BROOKVILLE		70'	
POTTSVILLE	MERCER			COAL CLAYS SANDSTONES CONGLOM-ERATES
MAUCH CHUNK	CONNOQUE-NESSING	PENNSYLVANIAN	200'	
	UPPER MEMBER			
	LOWER MEMBER		30'	SHALES
POCONO	BURGOON		500'	SANDSTONES CONGLOM-ERATES
	SUB-BURGOON		500'	SHALES SANDSTONES

NOTES

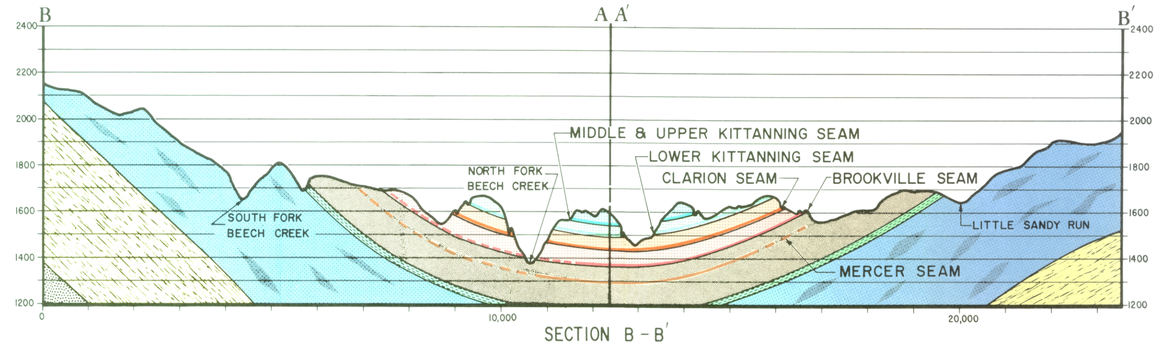
ALTHOUGH LOWER FREEPORT COAL EXISTS WITHIN THE WATERSHED, IT DOES NOT APPEAR ON ANY OF THE CROSS-SECTIONS PRESENTED ON THIS PLATE.

THE POTTSVILLE AND UPPER MEMBER OF THE MAUCH CHUNK FORMATIONS ARE SO SIMILAR IN COMPOSITION AND TEXTURE THAT THEY CANNOT BE DIFFERENTIATED.

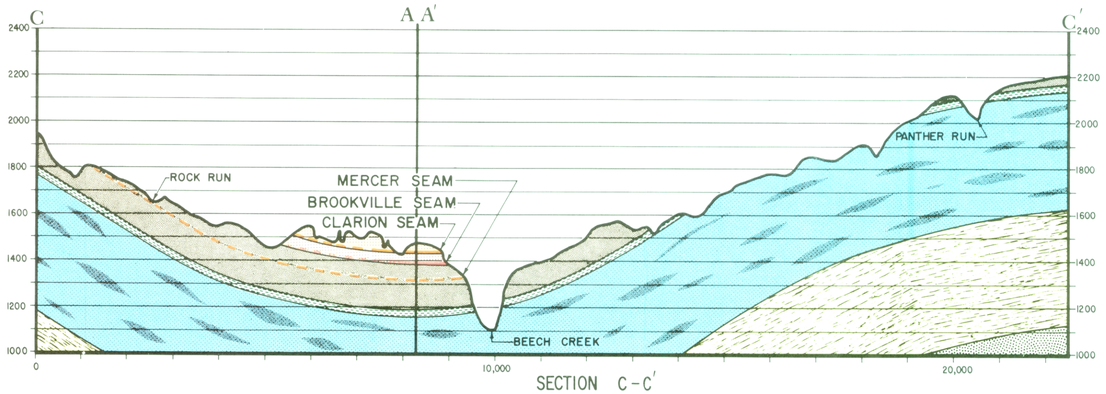
DASHED LINES INDICATE AREAS WHERE COAL HAS NOT BEEN PROVEN TO BE PRESENT.

GEOLOGIC INTERPRETATION OF WATERSHED CROSS-SECTION BASED ON BEST INFORMATION CURRENTLY AVAILABLE.

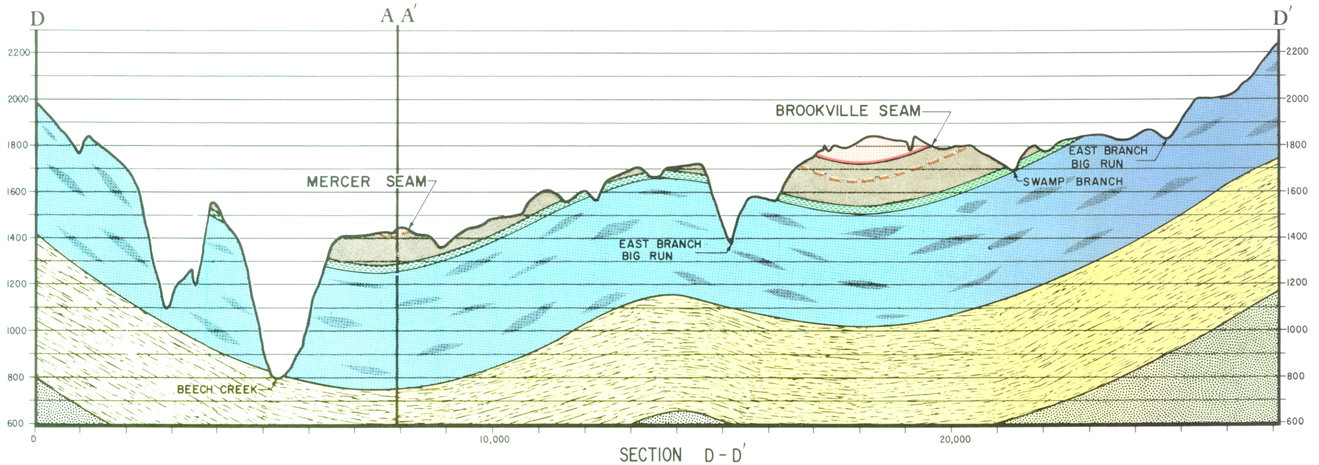
HORIZONTAL AND VERTICAL DISTANCES ON CROSS-SECTIONS GIVEN IN FEET.



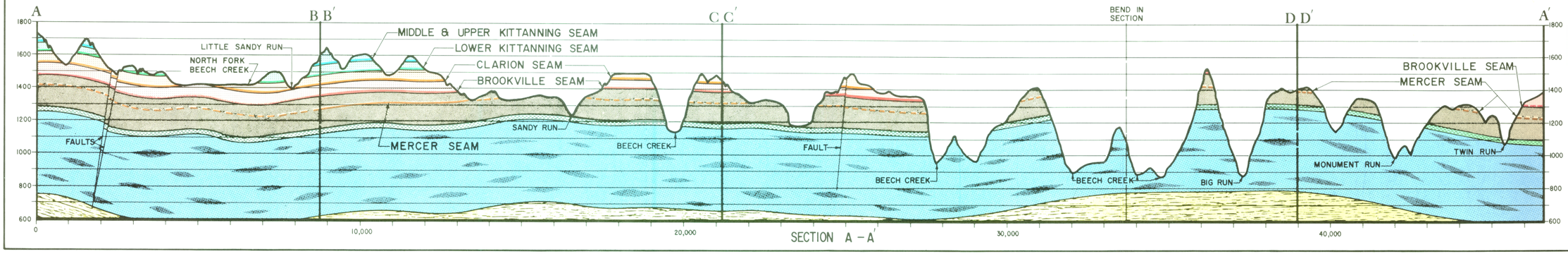
SECTION B - B'



SECTION C - C'



SECTION D - D'



SECTION A - A'

PLATE II

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES & MINERAL INDUSTRIES

MINE DRAINAGE
POLLUTION ABATEMENT MEASURES

BEECH CREEK WATERSHED COAL SEAMS

GANNETT FLEMING CORDDRY & CARPENTER INC.
ENGINEERS
HARRISBURG, PENNSYLVANIA

DECEMBER, 1969