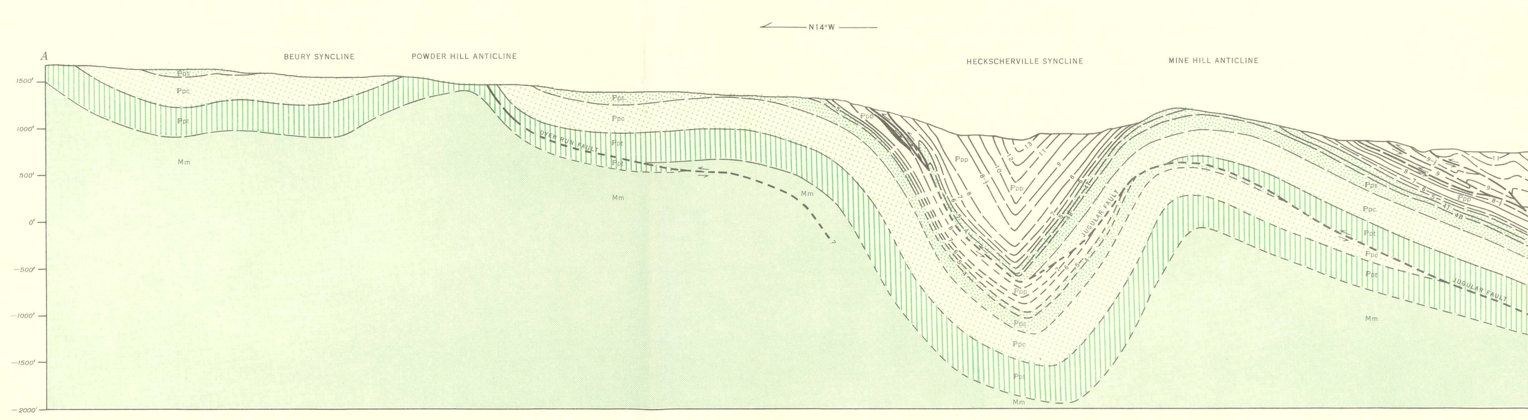
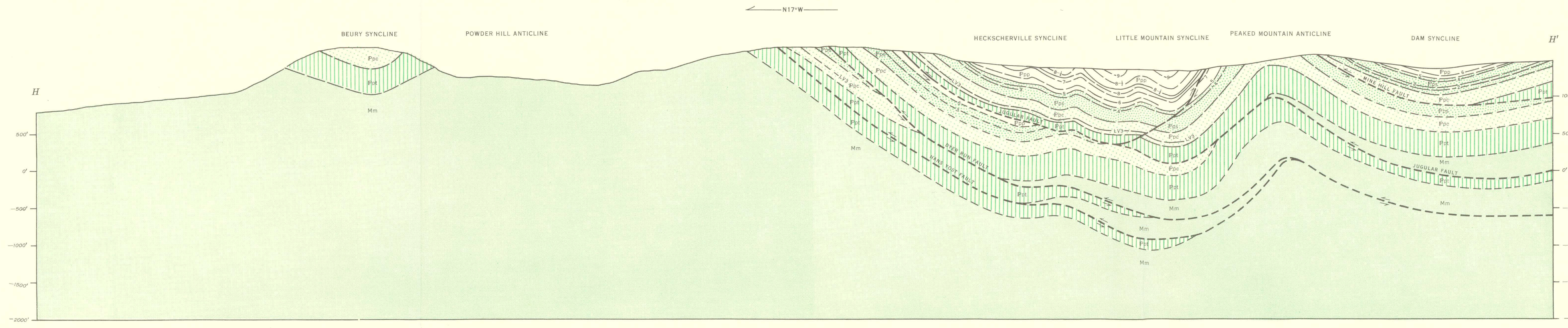
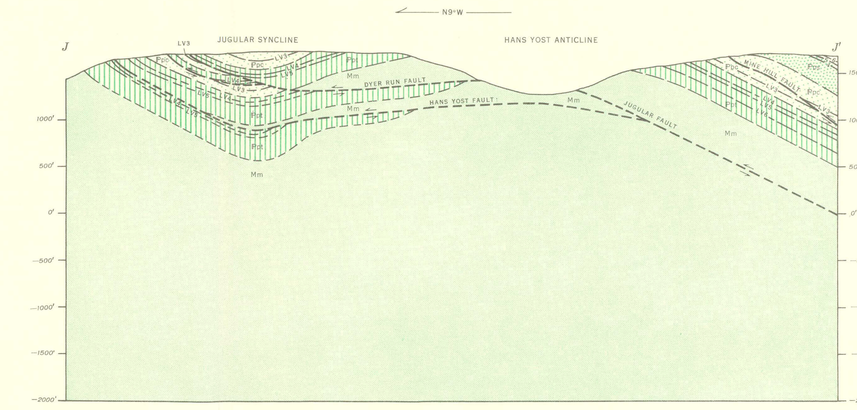
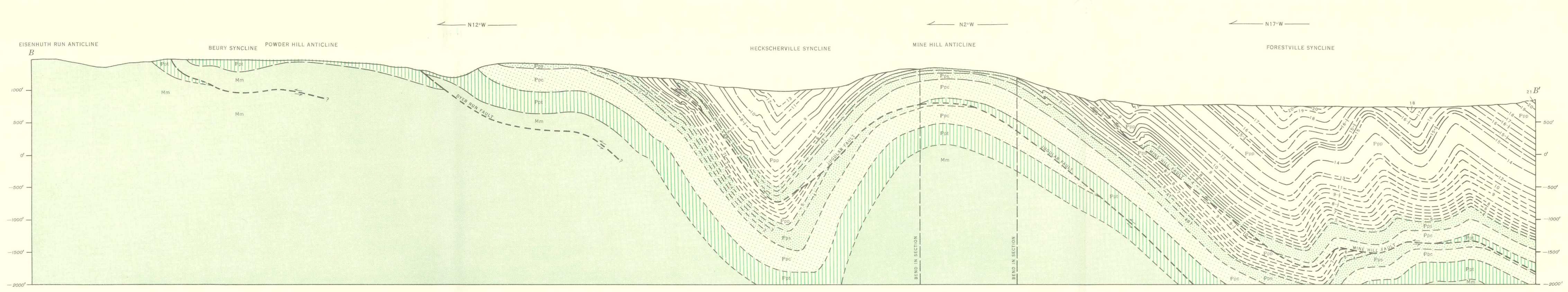
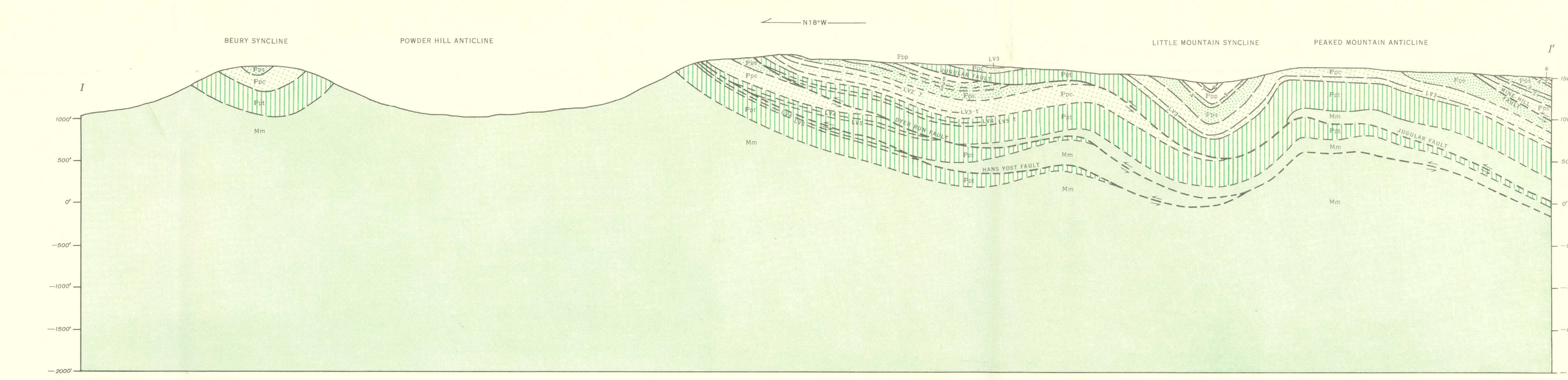
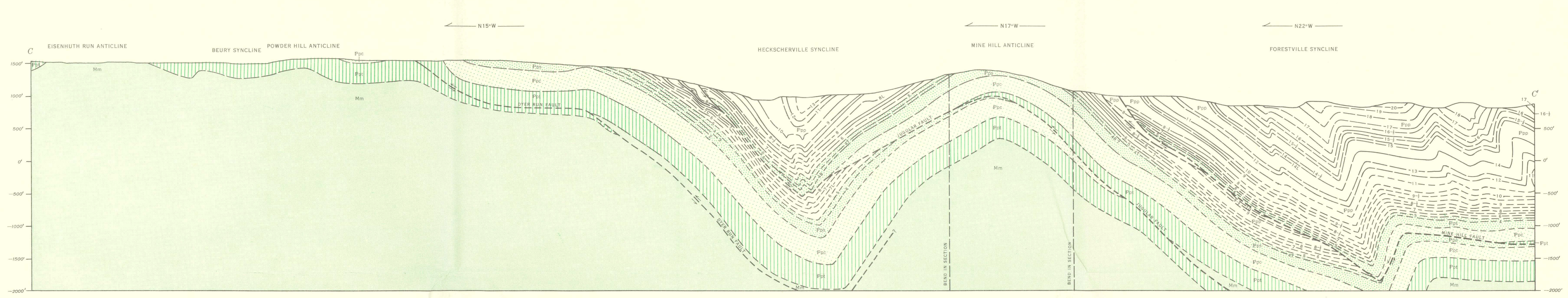


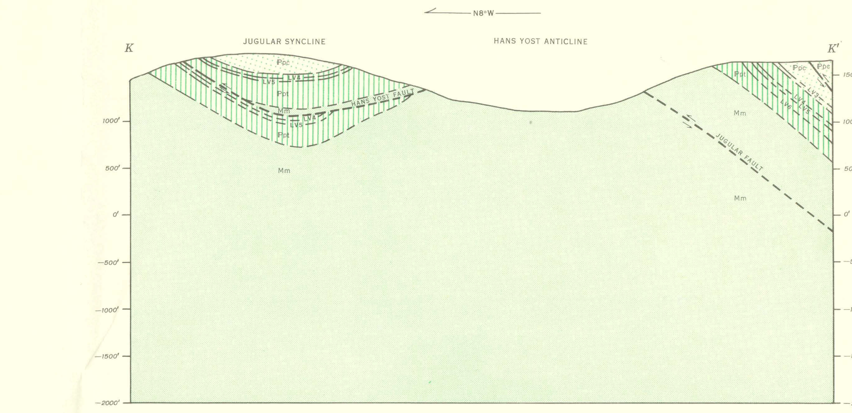


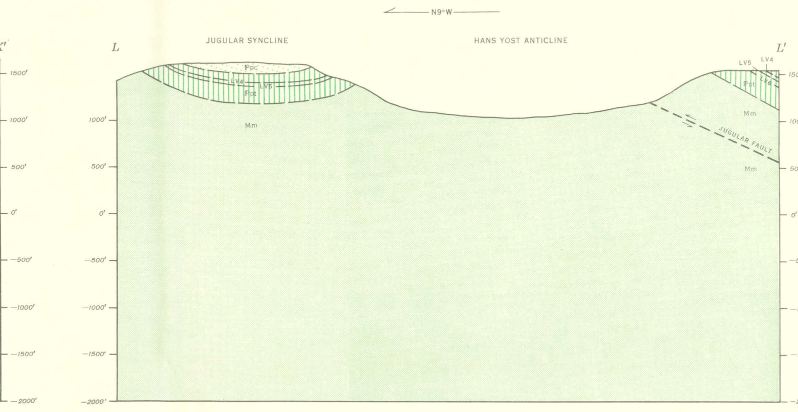


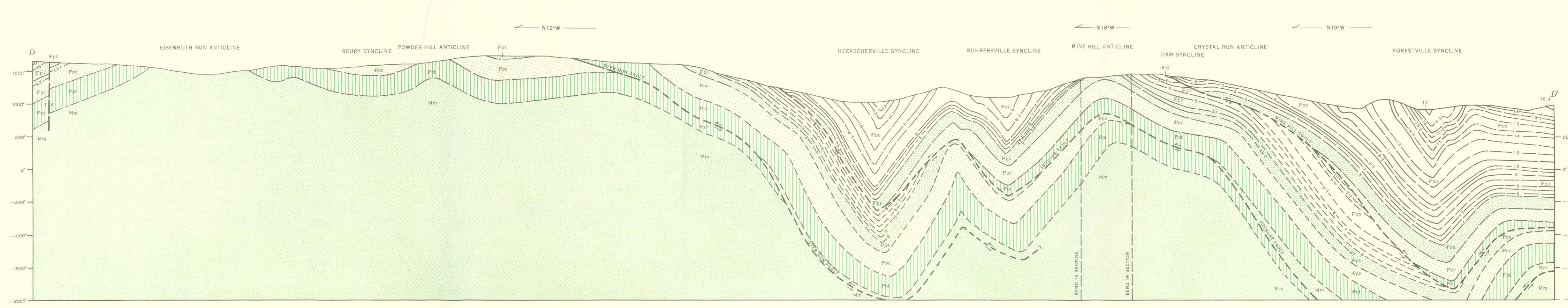


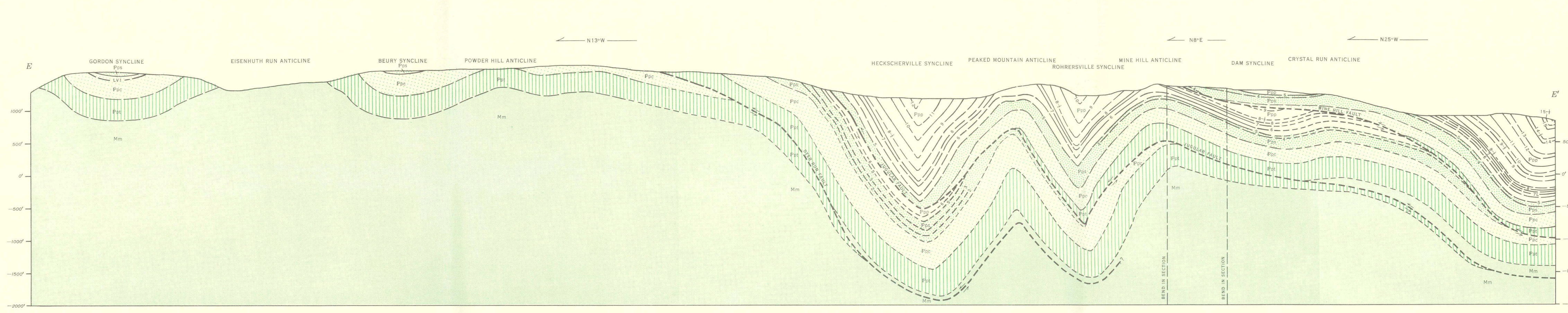


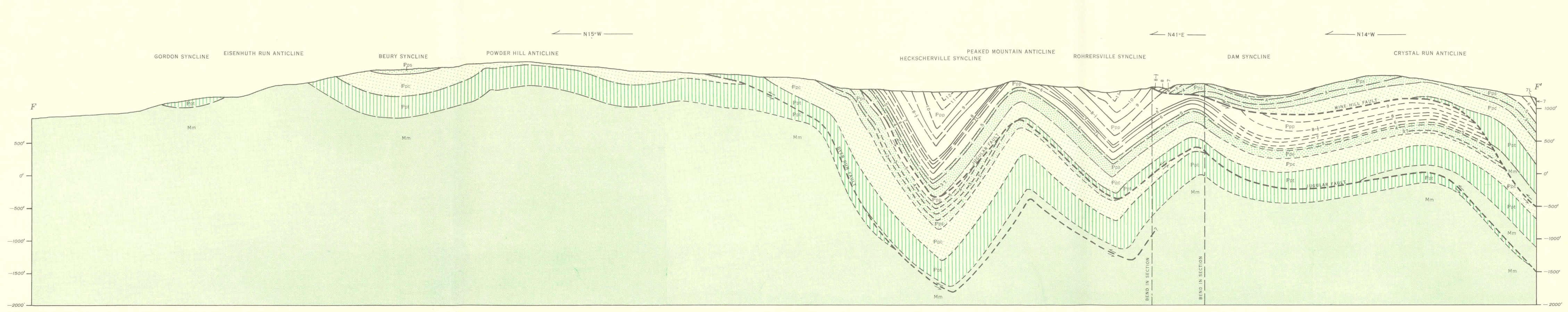


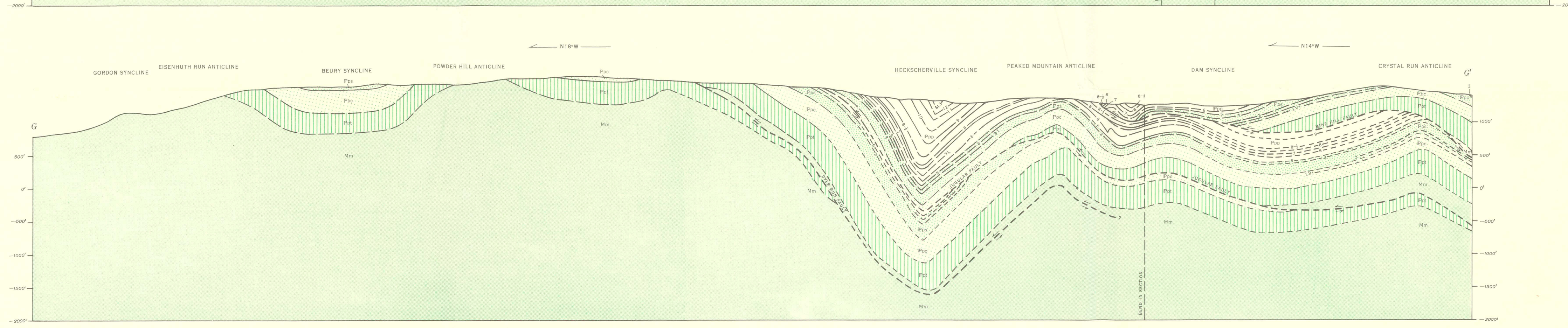












Prepared in 1954 and 1955 from field investigations by members of the U. S. Geological Survey and from data supplied by various mining companies and individuals.

STRUCTURAL CROSS SECTIONS

Scale
500 0 500 1000 2000 3000 4000 Feet
Datum is mean sea level.

EXPLANATION FOR CROSS SECTIONS

Ppp — Post-Pottsville rocks

Pottsville formation:
- Pps — Sharp Mountain member
- Ppc — Schuylkill member
- Ppt — Tumbling Run member

Mm — Mauch Chunk formation

Coal bed
Solid where mined; long dashes where underground extension and correlation are relatively certain; short dashes where underground existence, extension, and correlation are hypothetical. Number indicates coal bed; T, top split; B, bottom split; L, local-leader coal bed.

Contact
Dashed where approximately located.

Inferred contact

Fault showing relative movement
Solid where certain; long dashes where relatively certain; short dashes where hypothetical.

COMPOSITE STRATIGRAPHIC SECTION

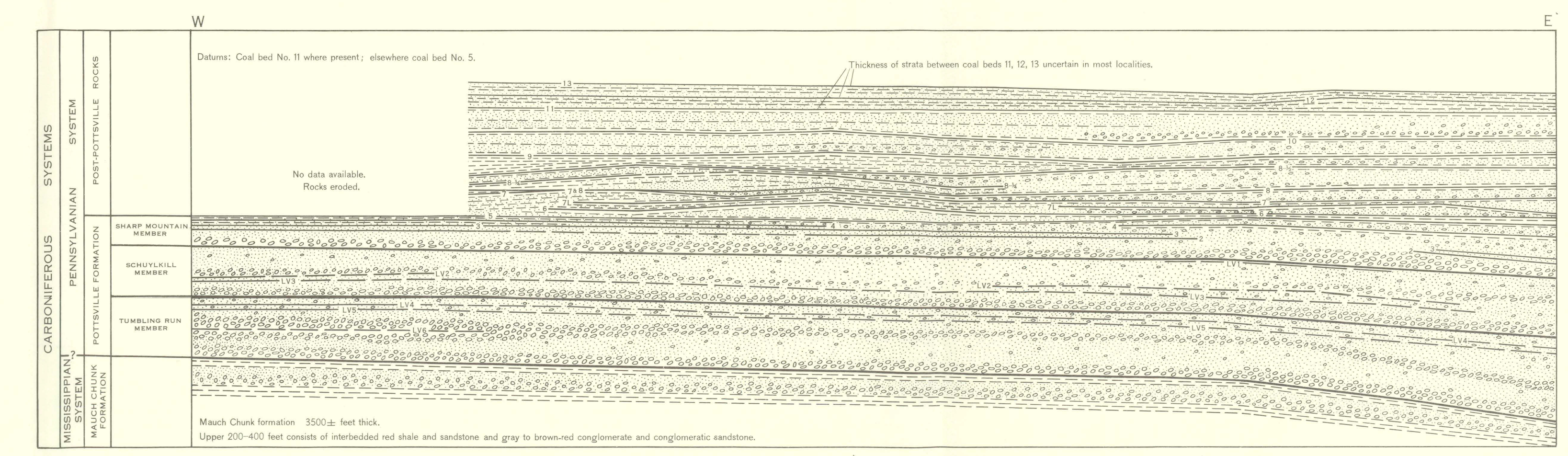
System	Formation	Member	Coal bed name	Coal bed No.	Interval in feet*
QUATERNARY					
UNCONFORMITY					
CARBONIFEROUS – PENNSYLVANIAN	POST-POTTSVILLE ROCKS		Faust	21	
					85–150
			Rabbit Hole	20	
					95–110
			Tunnel	19	
					130–175
			Peach Mountain	18	
					80–160
			Little Tracy	17	
					50–80
			Upper Four-foot	16-1/2	
					40–70
			Tracy	16	
			Little Clinton	15-1/2	
					110–190
			Clinton	15-1/4	
			Little Diamond	15	
					90–170
				14-1/2	
			Diamond	14	
			Diamond Leader	14L	
					140–220
			Little Orchard	13	
					20–35
			Orchard	12	
					50–160
			Primrose	11	
					50–250
			Holmes	10	
					10–70
			Lower Four-foot	9-1/2	
					20–90
			Top Split (Mammoth zone)	9	
					15–135
			Middle Split (Mammoth zone)	8-1/2	
					40–50
			(Mammoth zone)	8-1/4	
					10–40
			Bottom Split (Mammoth zone)	8	
					0–100
			Skidmore	7	
					25–40
			Skidmore Leader	7L	
					20–45
			Seven-foot	6	
					30–110
			Buck Mountain	5	
					20–70
	POTTSVILLE (?)	SHARP MOUNTAIN	Little Buck Mountain	4T, 4, 4B	
			Scotty Steel	3	
			Scotty Steel	2	
			Lykens Valley	LV1	
		SCHUYLKILL	Lykens Valley	LV2	
			Lykens Valley	LV3	
		TUMBLING RUN	Lykens Valley	LV4	
			Lykens Valley	LV5	
			Lykens Valley	LV6	
MISSISSIPPIAN (?)	MAUCH CHUNK		Uppermost red shale		

* Indicates range in intervals between coals based only on available mine data

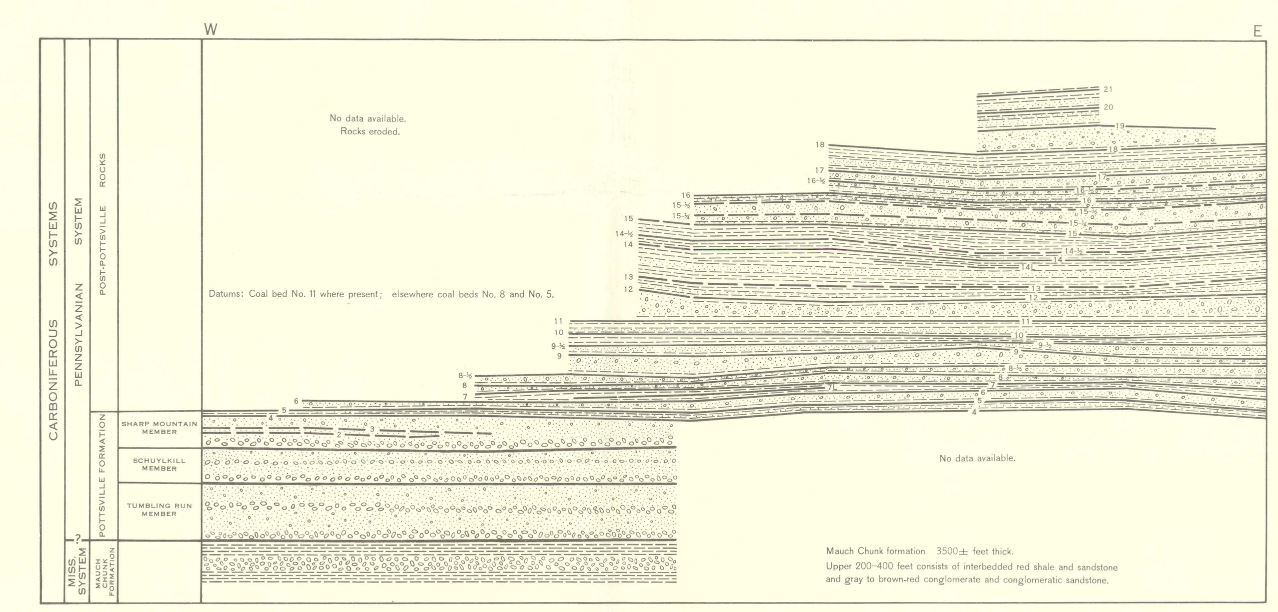
EXPLANATION FOR COMPOSITE STRATIGRAPHIC SECTION

- Conglomerate
- Conglomeratic sandstone
- Sandstone
- Shale and siltstone
- Coal

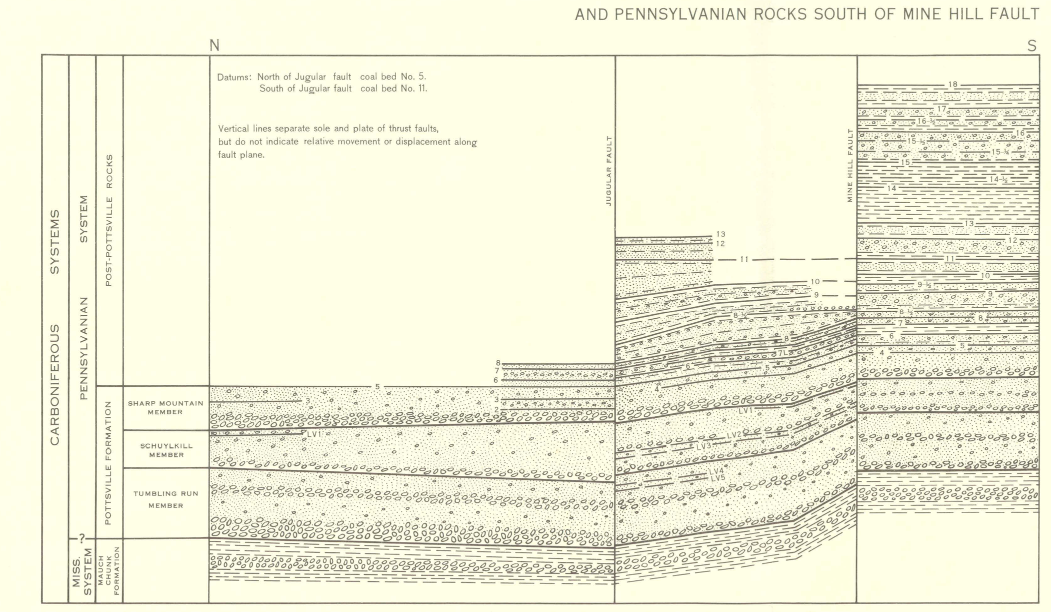
Vertical Scale: 0–800 feet



DIAGRAMMATIC SECTION SHOWING STRATIGRAPHIC RELATIONS OF UPPERMOST MISSISSIPPIAN ROCKS AND PENNSYLVANIAN ROCKS IN THE HECKSCHERVILLE SYNCLINE



DIAGRAMMATIC SECTION SHOWING STRATIGRAPHIC RELATIONS OF UPPERMOST MISSISSIPPIAN ROCKS AND PENNSYLVANIAN ROCKS SOUTH OF MINE HILL FAULT



DIAGRAMMATIC SECTION SHOWING STRATIGRAPHIC RELATIONS OF UPPERMOST MISSISSIPPIAN ROCKS AND PENNSYLVANIAN ROCKS FROM GORDON SYNCLINE TO THE WESTERN PART OF THE FORESTVILLE SYNCLINE

500 0 500 1000 1500 2000 FEET
APPROXIMATE VERTICAL SCALE

½ 0 1 2 MILES
APPROXIMATE HORIZONTAL SCALE

EXPLANATION FOR DIAGRAMMATIC SECTIONS

- Conglomerate
- Conglomeratic sandstone
- Sandstone
- Shale and siltstone
- Coal bed
  Solid where existence and extension relatively certain; dashed where inferred.

GEOLOGY OF THE NORTHERN HALF OF THE MINERSVILLE QUADRANGLE AND A PART OF THE NORTHERN HALF OF THE TREMONT QUADRANGLE, SCHUYLKILL COUNTY, PENNSYLVANIA

By
Gordon H. Wood, Jr., J. Peter Trexler, Andy Yelenosky, and Julian Soren

1958

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. M R-1162

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