

OF PENNSYLVANIA. J. P. LESLEY, STATE GEOLOGIST  
SITE DISTRICT. FRANK A. HILL, GEOLOGIST IN CHARGE.

WESTERN MIDDLE COAL FIELD MINE SHEET N° VII<sup>a</sup>

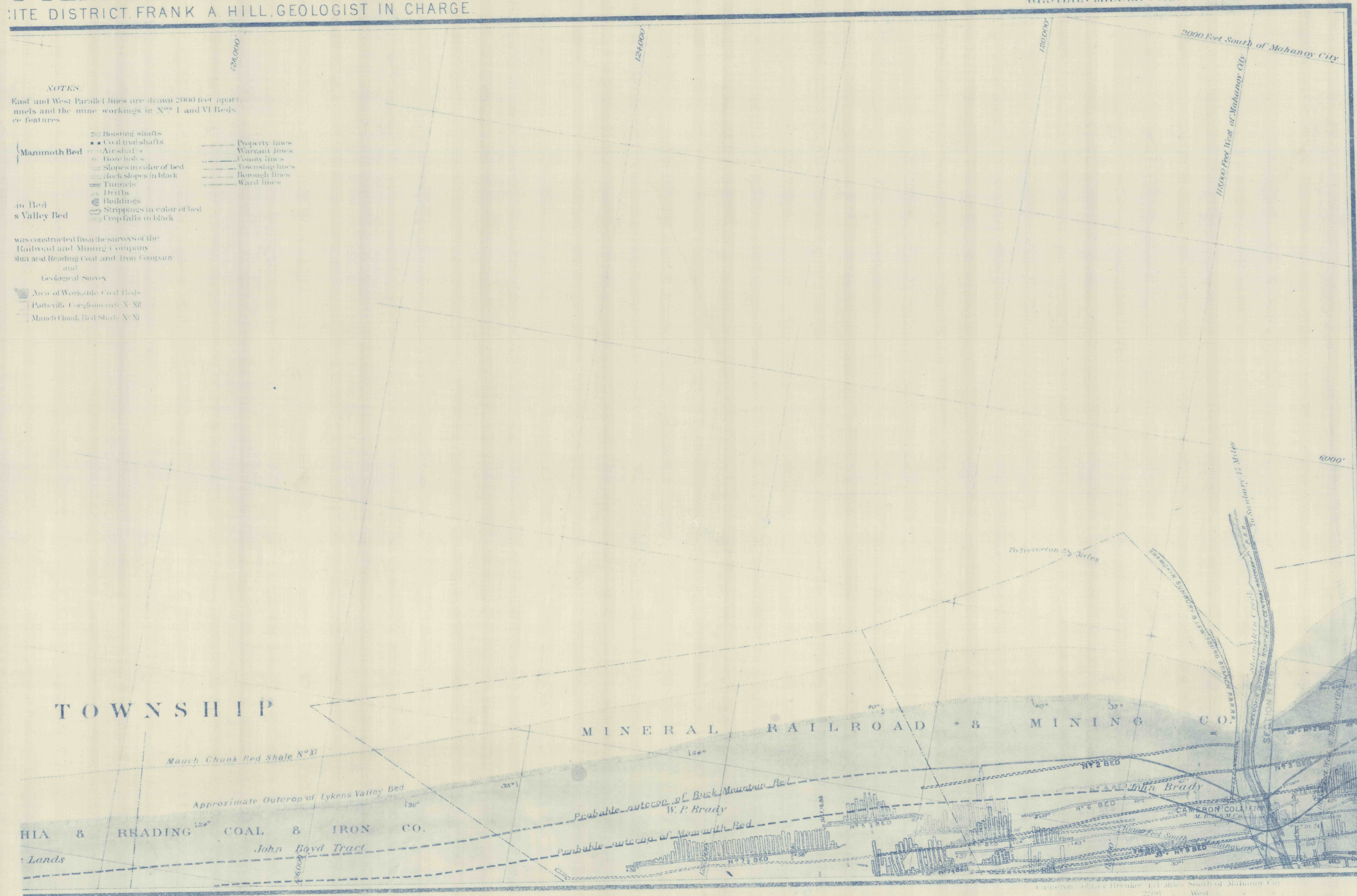
NOTES

East and West Parallel lines are drawn 2000 feet apart.  
mines and the mine workings in N°s I and VI Beds.  
see features

- |                                                                                                                                                                                                                                                                                           |                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>■ Hoisting shafts</p> <p>■ Coal and shafts</p> <p>○ Air shafts</p> <p>○ Bone holes</p> <p>--- Slopes in color of bed</p> <p>--- Rock slopes in black</p> <p>--- Tunnels</p> <p>--- Dirts</p> <p>--- Buildings</p> <p>--- Strippings in color of bed</p> <p>--- Crop falls in black</p> | <p>--- Property lines</p> <p>--- Warrant lines</p> <p>--- County lines</p> <p>--- Township lines</p> <p>--- Borough lines</p> <p>--- Ward lines</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|

was constructed from the surveys of the  
Railroad and Mining Company  
and Reading Coal and Iron Company  
and  
Geological Survey

- Area of Workable Coal Beds
- Pottsville Conglomerate N° XII
- Mauch Chunk Red Shale N° XI



Mauch Chunk Red Shale N° XI

Approximate Outcrop of Lykens Valley Bed

John Boyd Tract

Probable outcrop of Buck Mountain Red

W. P. Brady

Probable outcrop of Mammoth Red

John Brady

COLEMAN COLLEGE

2200' West

Latitude of Mahanoy City Center and Main Streets computed 40° 46' 43"

Longitude 75° 54' 13" East of Washington

MAY, 1889.