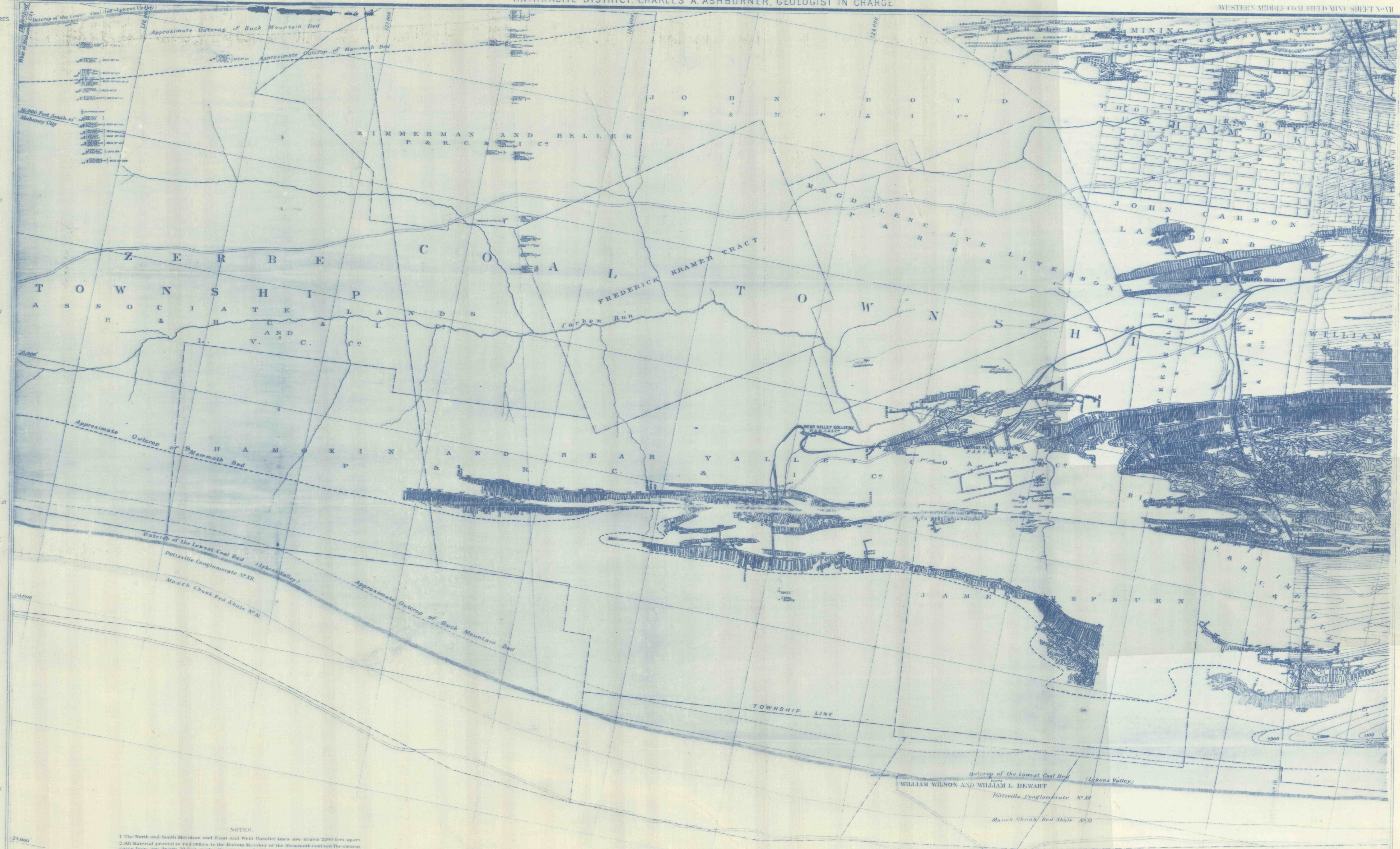
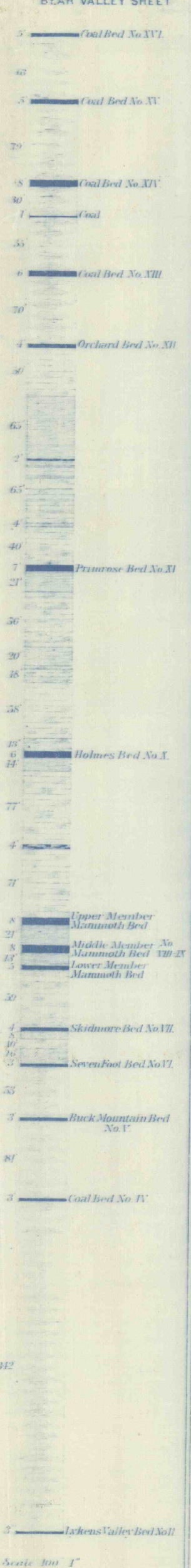


GEOLOGICAL SURVEY OF PENNSYLVANIA. J. P. LESLEY, STATE GEOLOGIST
ANTHRACITE DISTRICT. CHARLES A. ASHBURNER, GEOLOGIST IN CHARGE

WESTERN MIDDLE COAL FIELD WINE SHEET No. VII

TREVORTON AND SHAMOKIN BASIN, NORTH BERK COUNTY

SECTION OF COAL MEASURES
BEAR VALLEY SHEET

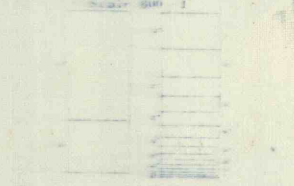


NOTES

1. The North and South Meridian and East and West boundary lines are drawn 2000 feet apart.
2. All material present in red refers to the Mazoni or the Mazoni coal bed the contour lines are drawn 10 feet vertically apart on the floor of the Mazoni.
3. The mine workings in the Upper Member of the Mazoni bed are shown by green lines.
4. The mine workings in the beds underlying the Mazoni bed are shown by blue lines.
5. The mine workings in beds underlying the Mazoni bed are shown by orange lines.
6. With the exception of faults and folds, the black print relates to the surface features only.

No. XII or Little Orchard bed	Property lines
— XI — Orchard bed	— Township lines
— X — Primeval bed	— Section and first strata
— IX — Holmes bed	— Separate center of bed
— VIII — Upper Member	— Faults
— VII — Lower Member	— Air holes
— VI — Shoshone bed	— Ditches
— V — Buck Mountain bed	— Buildings

This map is constructed from the surveys of the Philadelphia & Reading Coal & Iron Co. A. H. Smith & Co. and the Mazoni coal bed in the Mazoni.



ASSISTANT GEOLOGIST: H. A. WELLS, Jr. to Sept. 1885
ASSISTANT: H. N. SIMS, Jr. to June 1886

OCTOBER 1886