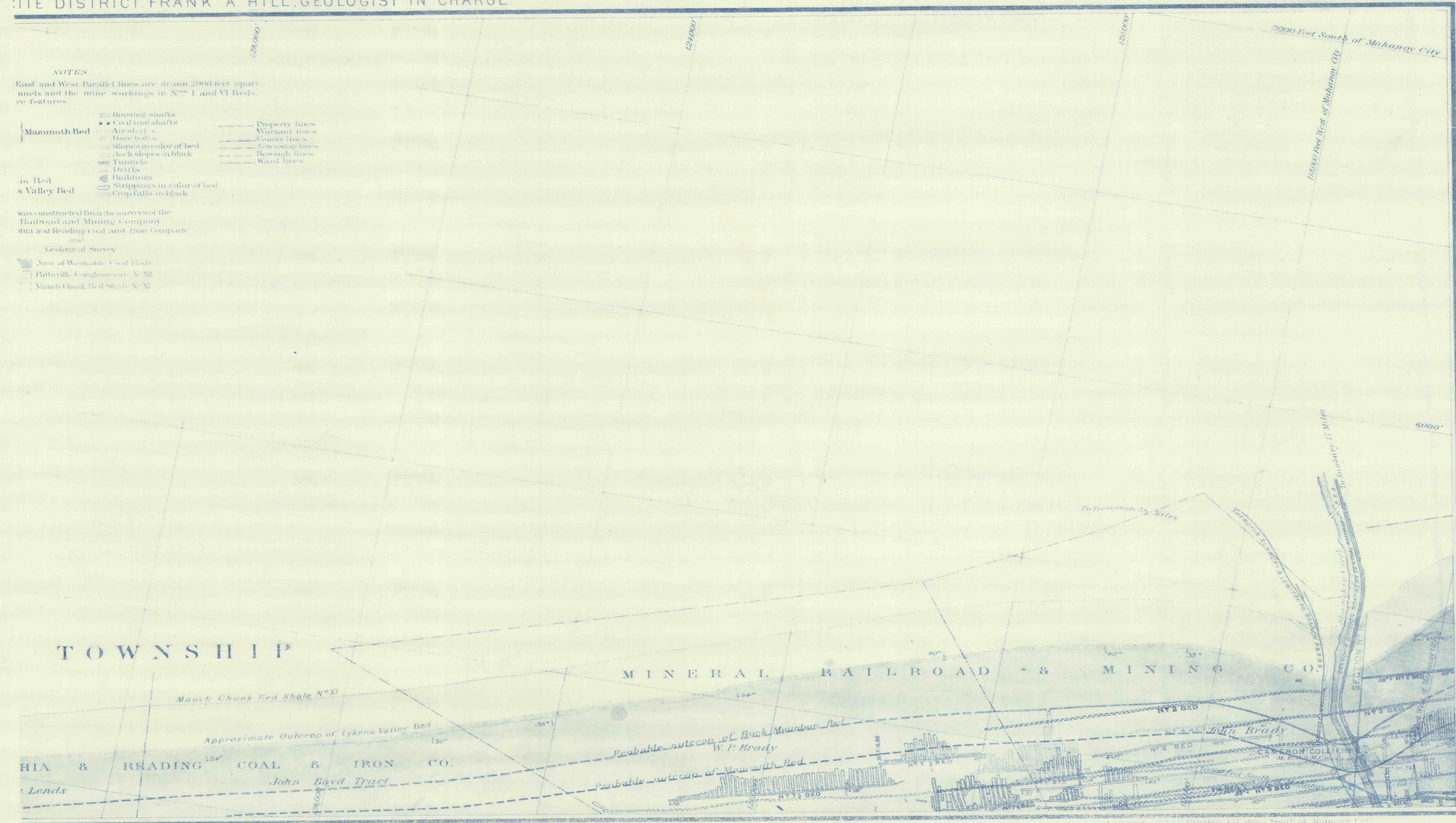


OF PENNSYLVANIA. J. P. LESLEY, STATE GEOLOGIST  
SITE DISTRICT. FRANK A. HILL, GEOLOGIST IN CHARGE.

WESTERN MIDDLE COAL FIELD MINE SHEET N° VII



MAY, 1889.