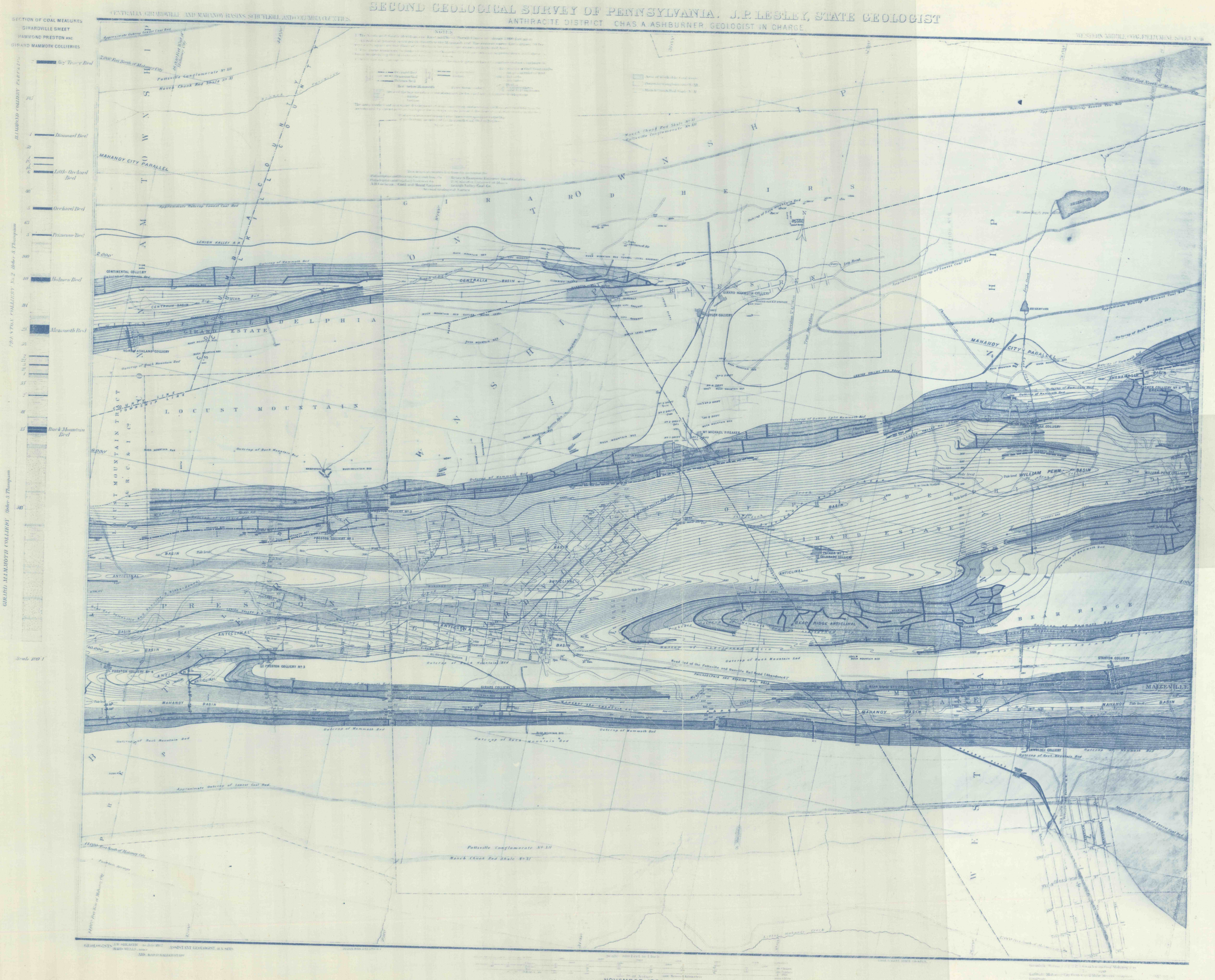
SECOND GEOLOGICAL SURVEY OF PENNSYLVANIA. J. P. LESLEY, STATE GEOLOGIST

ANTHRACITE DISTRICT. CHAS. A. ASHBURNER, GEOLOGIST IN CHARGE.

CENTRALIA, GIRARDVILLE AND MAHANOY BASINS, SCHUYLKILL AND COLUMBIA COUNTIES.

WESTERN MIDDLE COAL FIELD MAP SHEET No. 8



GEOLOGISTS: J. W. SHEAFER, HARD WELLS, ALEX. MCCRONE. ASSISTANT GEOLOGIST, H. N. MEES.

NOVEMBER 1882.

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