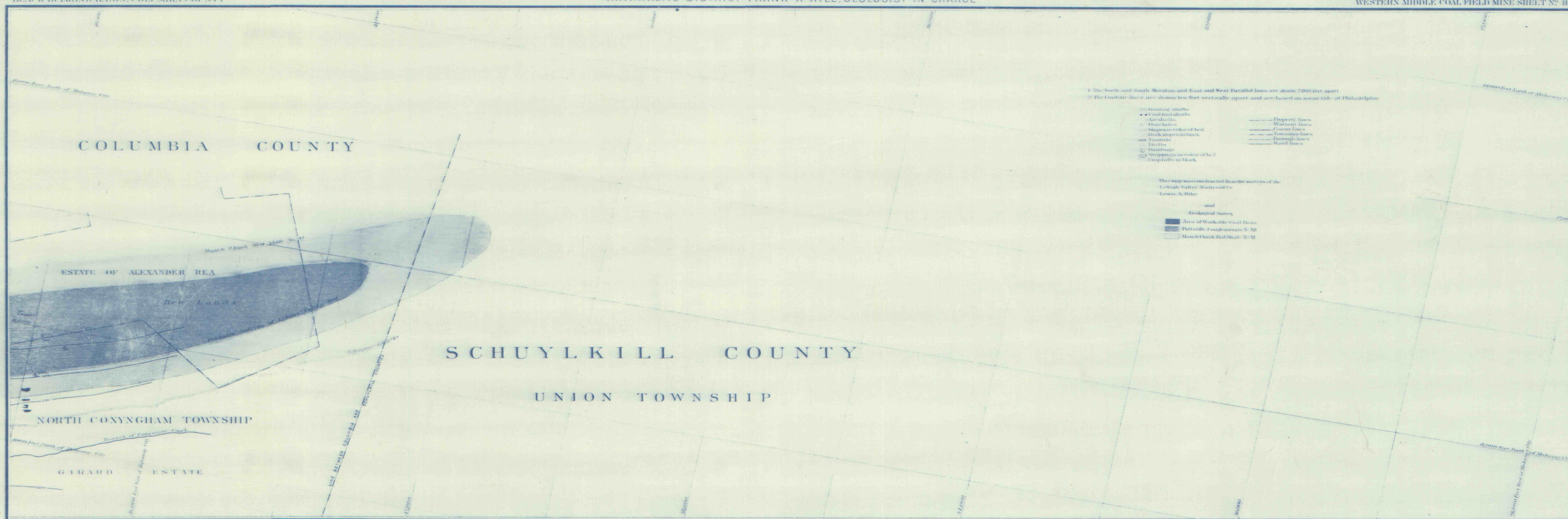


GEOLOGICAL SURVEY OF PENNSYLVANIA. J. P. LESLEY, STATE GEOLOGIST.
ANTHRACITE DISTRICT FRANK A. HILL, GEOLOGIST IN CHARGE.

BLACK DIAMOND BASIN, COLUMBIA COUNTY

WESTERN MIDDLE COAL FIELD MINE SHEET NO. 310



A. D. SMITH, Assistant Geologist
EDWIN M. KELLEY, Assistant
HON. J. J. FISHER, Assistant

Scale in Feet
Scale in Miles

MAY, 1889.