BLACK DIAMOND, PENNSYLVANIA, COAL RIDGE, NORTHUMBERLAND, SCHUYLKILL, MOUNT CARMEL, AND MAHANOY BASINS, AND COLUMBIA COUNTIES.

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

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

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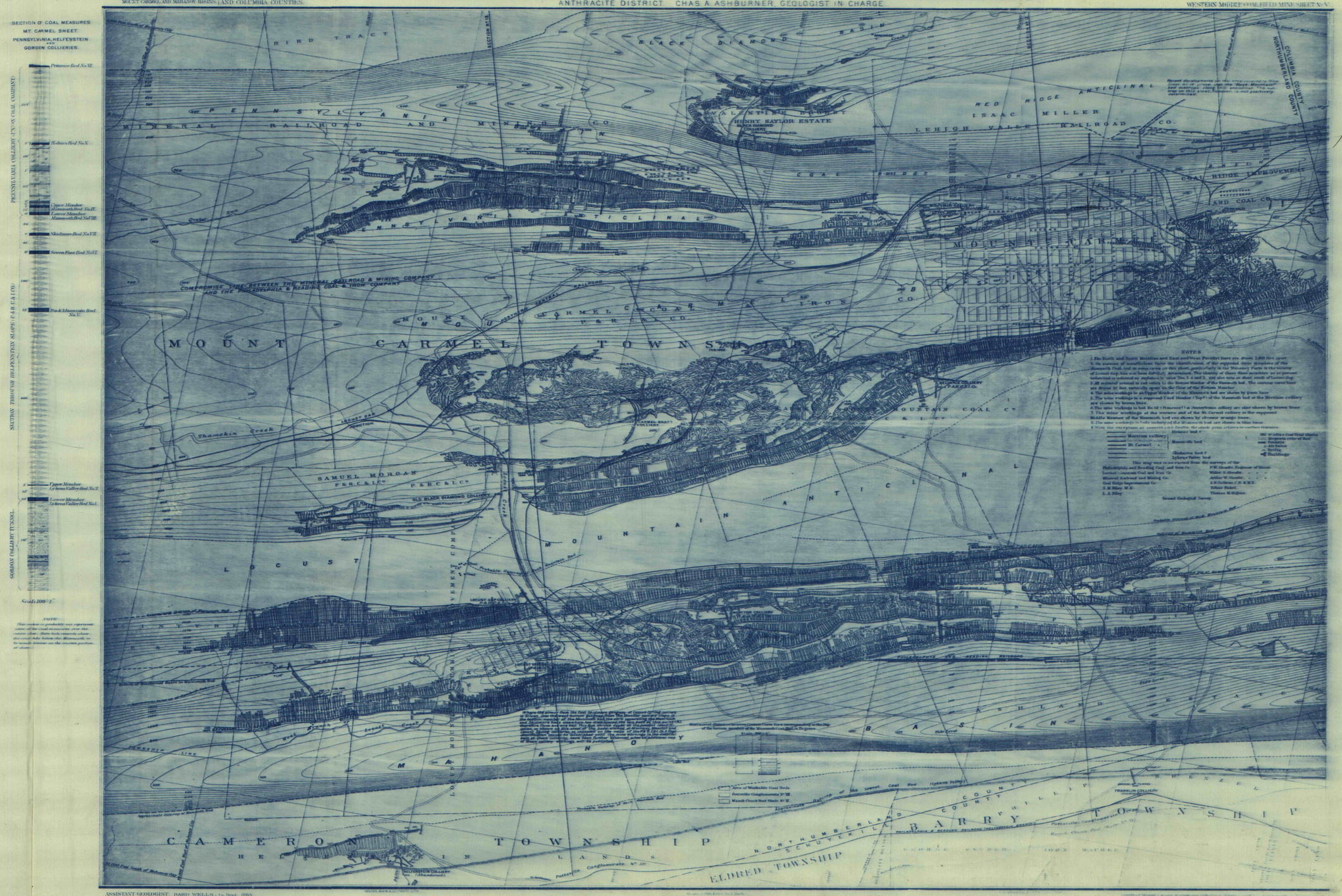
WESTERN MIDDLE COAL FIELD MINE SHEET No. V.




ASSISTANT GEOLOGIST, HARRY WELLS, to Sept. 1885.
ASSISTANT H. N. SIMS, June

JULY 1886

Mt Carmel Zero

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