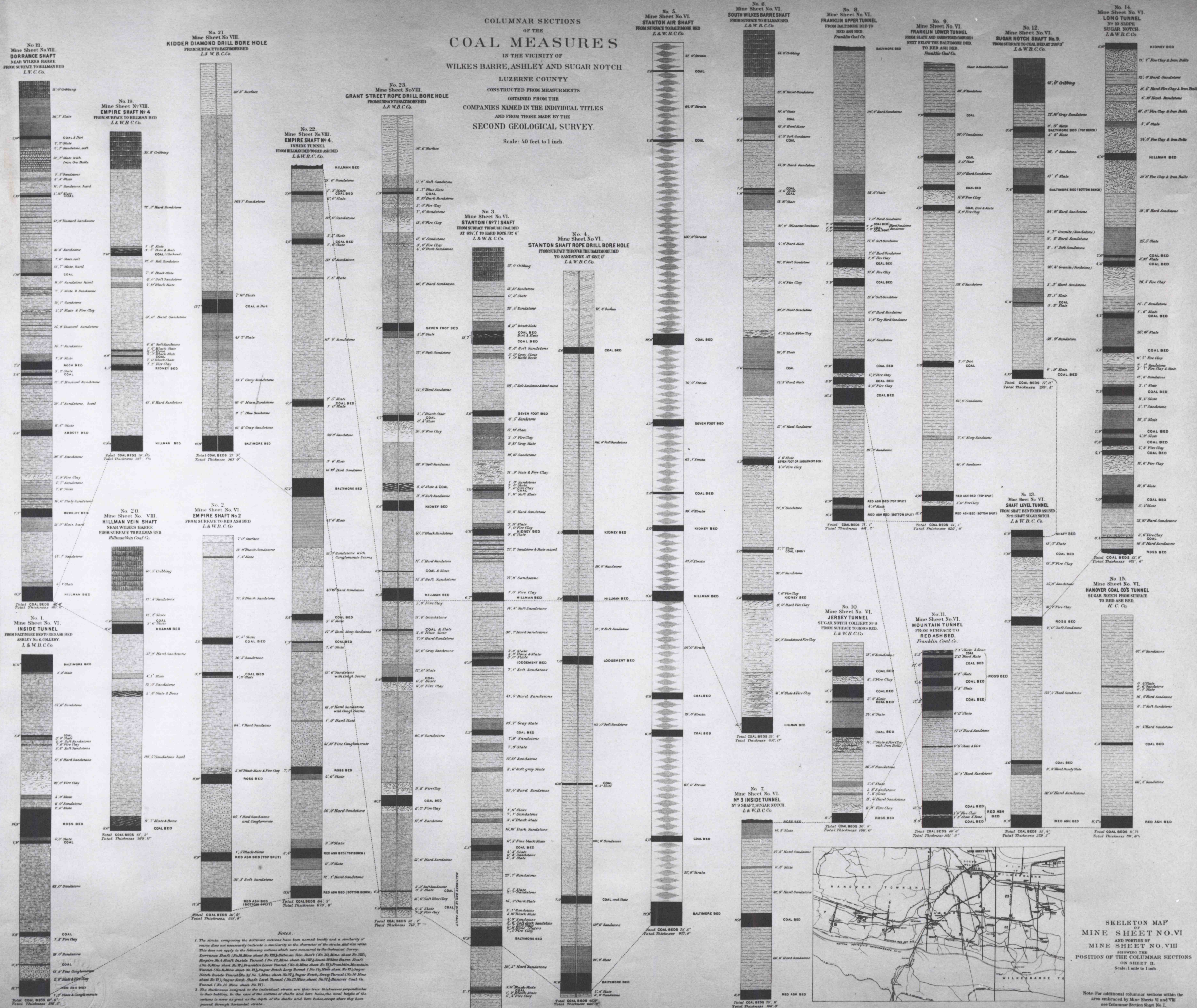


COLUMNAR SECTIONS OF THE COAL MEASURES IN THE VICINITY OF WILKES BARRE, ASHLEY AND SUGAR NOTCH, LUZERNE COUNTY, CONSTRUCTED FROM MEASUREMENTS OBTAINED FROM THE COMPANIES NAMED IN THE INDIVIDUAL TITLES AND FROM THOSE MADE BY THE SECOND GEOLOGICAL SURVEY.

Scale: 40 feet to 1 inch.

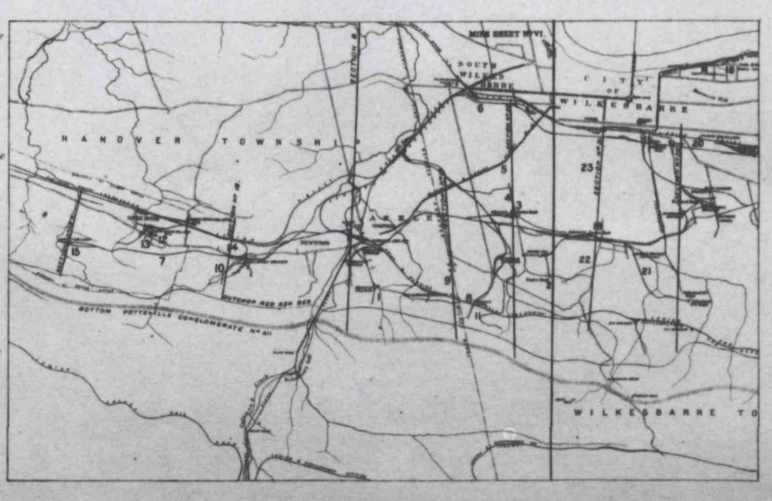


Notes: 1. The strata comprising the different sections have been named locally and a similarity of name does not necessarily indicate a similarity in the character of the strata, and vice versa. This does not apply to the following sections which were measured by the Geological Survey: Empire No. 4 Shaft Inside Tunnel (No. 22 Mine about No. 120), South Wilkes Barre Shaft (No. 23 Mine about No. 120), Franklin Lower Tunnel (No. 24 Mine about No. 120), Franklin Mountain Tunnel (No. 25 Mine about No. 120), Sugar Notch Long Tunnel (No. 14 Mine about No. 120), Sugar Notch Inside Tunnel (No. 26 Mine about No. 120), Sugar Notch, Jersey Tunnel (No. 27 Mine about No. 120), Sugar Notch, Shaft East Tunnel (No. 28 Mine about No. 120), Hanover Coal Co's Tunnel (No. 15 Mine about No. 120).

ASSISTANT GEOLOGIST, FRANK A. HILL. ASSISTANTS, H. E. PARRISH, to April, 1893; O. B. HARDEN, to Sept. 1893; T. J. WILLIAMS, June 1893 to April 1894; A. D. W. SMITH.

JULIUS RIEN & CO. LITH.

Scale of Coal Measure Sections 40 Feet to 1 Inch. F.E.T. 100 200 300 400 500 600 METERS. Scale of Nature. SEPTEMBER 1894.



SKELTON MAP MINE SHEET NO. VI AND PORTION OF MINE SHEET NO. VIII SHOWING THE POSITION OF THE COLUMNAR SECTIONS ON SHEET II. Scale: 1 mile to 1 inch. Note: For additional columnar sections within the area embraced by Mine Sheets VI and VII see Columnar Section Sheet No. I.

REFERENCE SURVEY MAPS AND SECTIONS NORTHERN COAL FIELD. MINE SHEETS NO. VI AND VII. CROSS SECTION SHEETS NO. III & V. ROOM 2 N. E. COR. OF BOX 69. OFFICE OF ENGINEERING & CONSTRUCTION. DEPARTMENT OF BURNING RESOURCES.