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GEOLOGY
OF
PENNSYLVANIA



H. D. ROGERS
—
MAPS.



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GEOLOGICAL
 AND TOPOGRAPHICAL MAP
 OF THE
ANTHRACITE FIELDS
 OF
PENNSYLVANIA,

CONSTRUCTED FROM ORIGINAL EXPLORATIONS AND INSTRUMENTAL SURVEYS
 CONDUCTED BY
HENRY D. ROGERS,
 STATE GEOLOGIST.
 1858.
 TOPOGRAPHICAL ASSISTANTS
 J. P. LESLEY, A. A. GALSUN, W. B. ROGERS JR.

EXPLANATION OF SIGNS & COLOURS

- Coal Measures generally
 - Coal Measures below the level of the Eastern Alleghenies
 - Gneiss
 - Quartzite
 - Chert
 - Topography
- Coal measures in Mountain Pass
 The principal boundaries of the Coal Measures are shown by a solid line a few lines
 and are referred to in the Report to the letters or numbers attached
 The lower boundaries are shown by a broken line only
 Boundaries of Mountain Passes ———— Towns & Villages ————
 Section Lines
- N.B. The letters & figures of the above have appeared also in the sections

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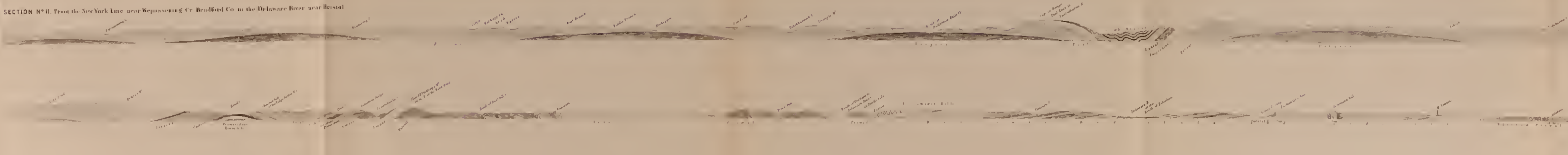
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GEOLOGICAL SECTIONS ACROSS PENNSYLVANIA, TO ILLUSTRATE THE GEOLOGICAL MAP OF THE STATE.

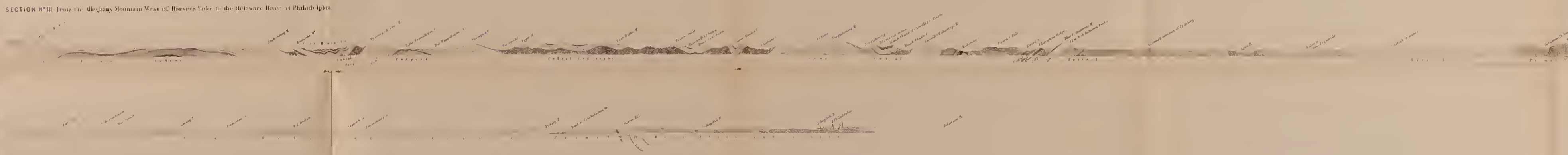
SECTION N° I From the New York Line in Chocoma Co. Susquehanna Co. to the N. Jersey line near Walpack Bend Delaware R.



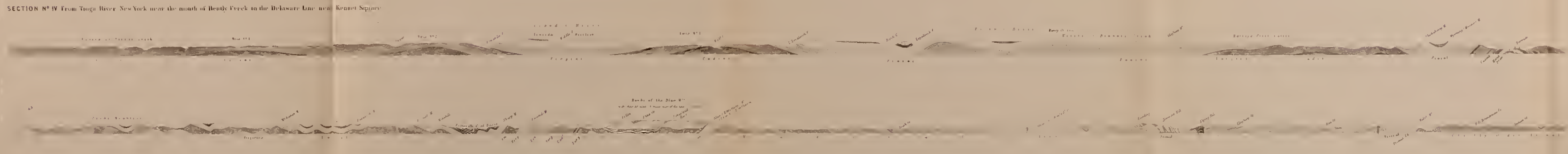
SECTION N° II From the New York Line near Weppusong Cr. Bradford Co. to the Delaware River near Heston



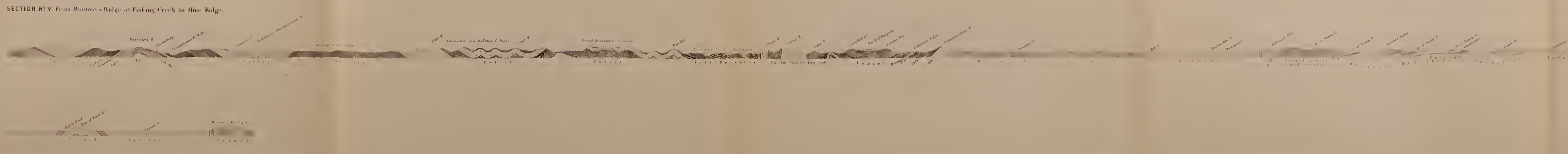
SECTION N° III From the Alleghany Mountain West of Haverys Lake to the Delaware River at Philadelphia



SECTION N° IV From Toga River New York near the mouth of Bently Creek to the Delaware Line near Kennet Square



SECTION N° V From Muntz's Ridge at Fishing Creek to Mine Ridge



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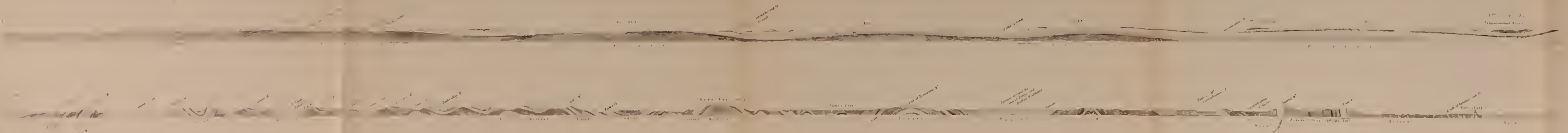
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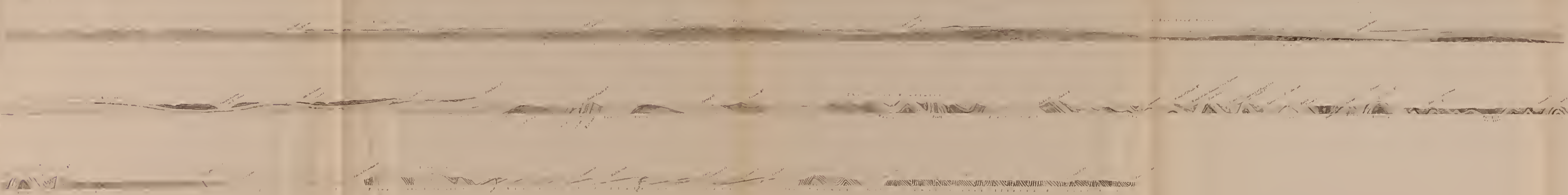
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GEOLOGICAL SECTIONS ACROSS PENNSYLVANIA, TO ILLUSTRATE THE GEOLOGICAL MAP OF THE STATE.

SECTION N° VI From the New York State Line near Olean in the Susquehanna to Harrisburg



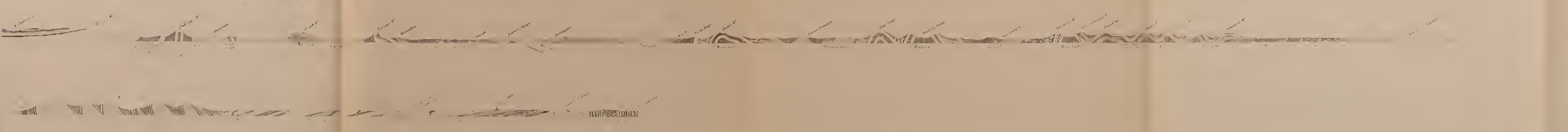
SECTION N° VII From the New York State Line at Conowingo Cr. Warren Co. passing through Lewistown to the Maryland Line in York Co.



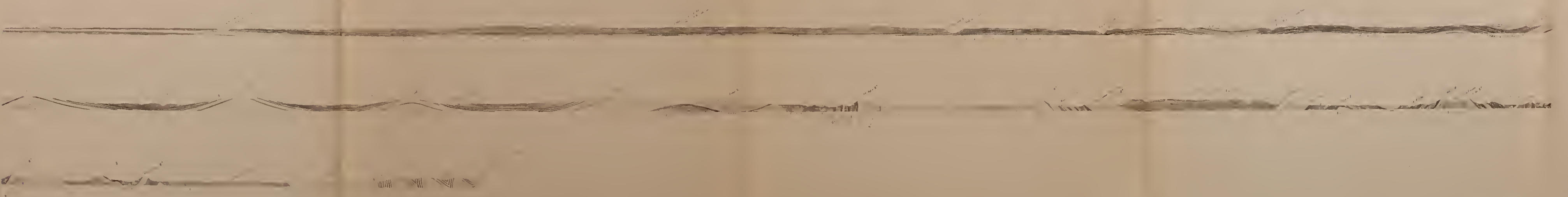
N. W. DIVISION OF SECTION N° VIII From Lake Erie near the mouth of Conneaut Cr. to Alleghany M^t near Mount Pleasant



S. W. DIVISION OF SECTION N° VIII From Lake Erie near the mouth of Conneaut Cr. through Birmingham to the Maryland Line at the S. E. corner of Adams Co. Continuation from Alleghany M^t



SECTION N° IX From the Ohio Line by the Conemaugh (Kiskimintuck) R. to the South W. from Shippensburg



GEOLOGICAL MAP OF THE STATE OF PENNSYLVANIA,

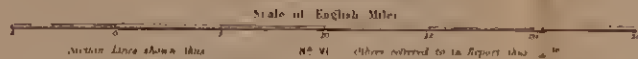
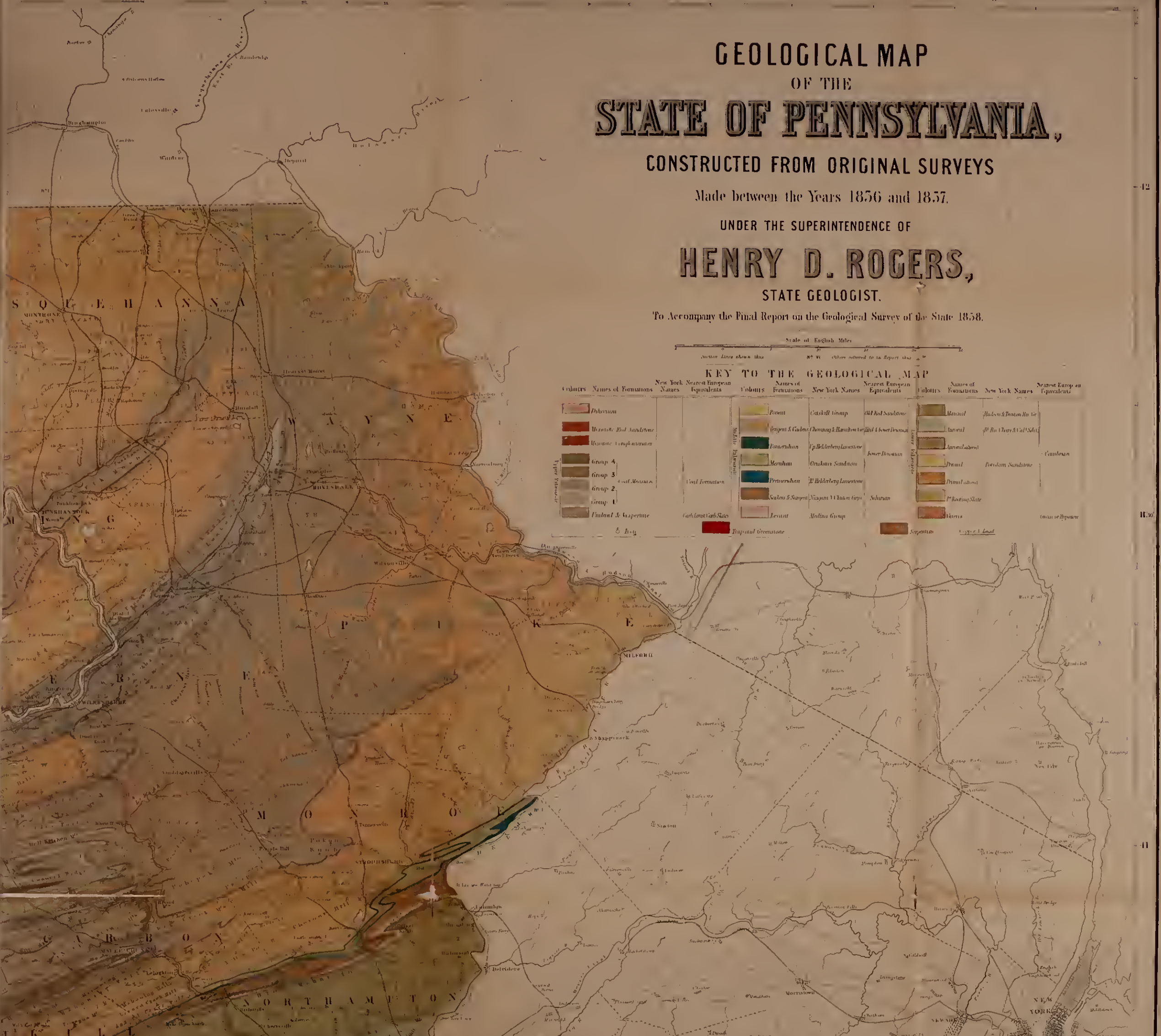
CONSTRUCTED FROM ORIGINAL SURVEYS

Made between the Years 1856 and 1857.

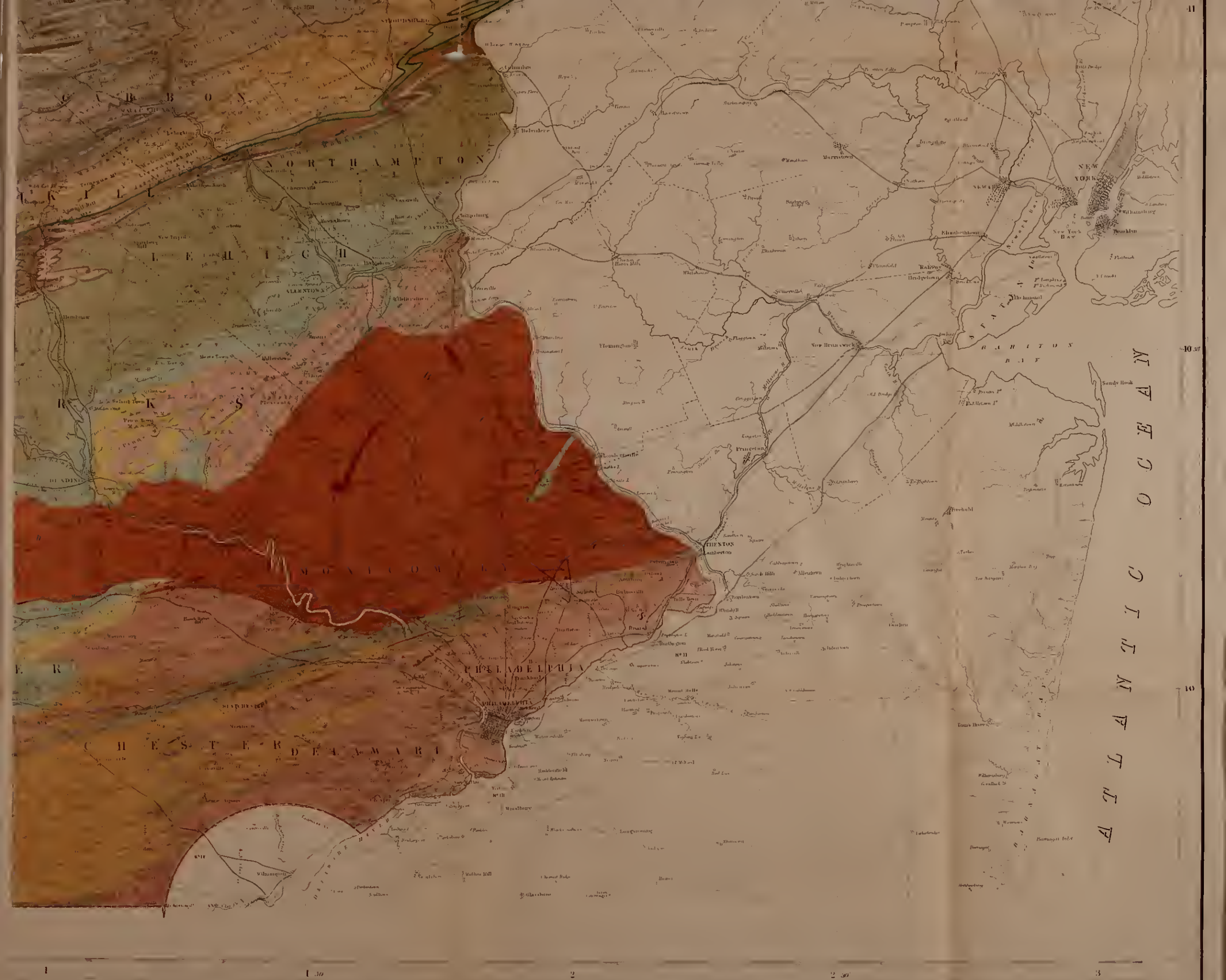
UNDER THE SUPERINTENDENCE OF

HENRY D. ROGERS,
STATE GEOLOGIST.

To Accompany the Final Report on the Geological Survey of the State 1858.



| Columns | | New York Names | | Nearest European Equivalents | | Columns | | New York Names | | Nearest European Equivalents | | |
|-------------------|-----------------------------|----------------|--|------------------------------|--|-----------------|---------------------|------------------------|--------------------|------------------------------|-----------|--------------------------|
| Type of Formation | Dahurian | | | | | Upper Cambrian | Plover | Catskill Group | Old Red Sandstone | Lower Cambrian | Mantua | Hudson & Trenton Gr. Co. |
| | Mississippian Red Sandstone | | | | | Middle Cambrian | Plover & Galesburg | Chemung & Hancock Gr. | Old Lower Devonian | | Lancaster | St. Albans & Cal. Mts. |
| | Mississippian Conglomerates | | | | | | Plover | Up. White Limestone | Amer. Devonian | | Lancaster | Devonian Sandstone |
| | Group 4 | | | | | | Merion | Oriskany Sandstone | | | Plover | Devonian Sandstone |
| | Group 3 | | | | | | Plover | Plover Limestone | | | Plover | Devonian Sandstone |
| | Group 2 | | | | | | Plover & N. York | Vicinity of Union City | Silurian | | Plover | Devonian Sandstone |
| | Group 1 | | | | | | Levant | Malina Group | | | Plover | Devonian Sandstone |
| | Fossiliferous & Superne | | | | | | Tropical Greenstone | | | | Serpentin | Upper L. Lead |
| | Fossiliferous & Superne | | | | | | | | | | Serpentin | Upper L. Lead |







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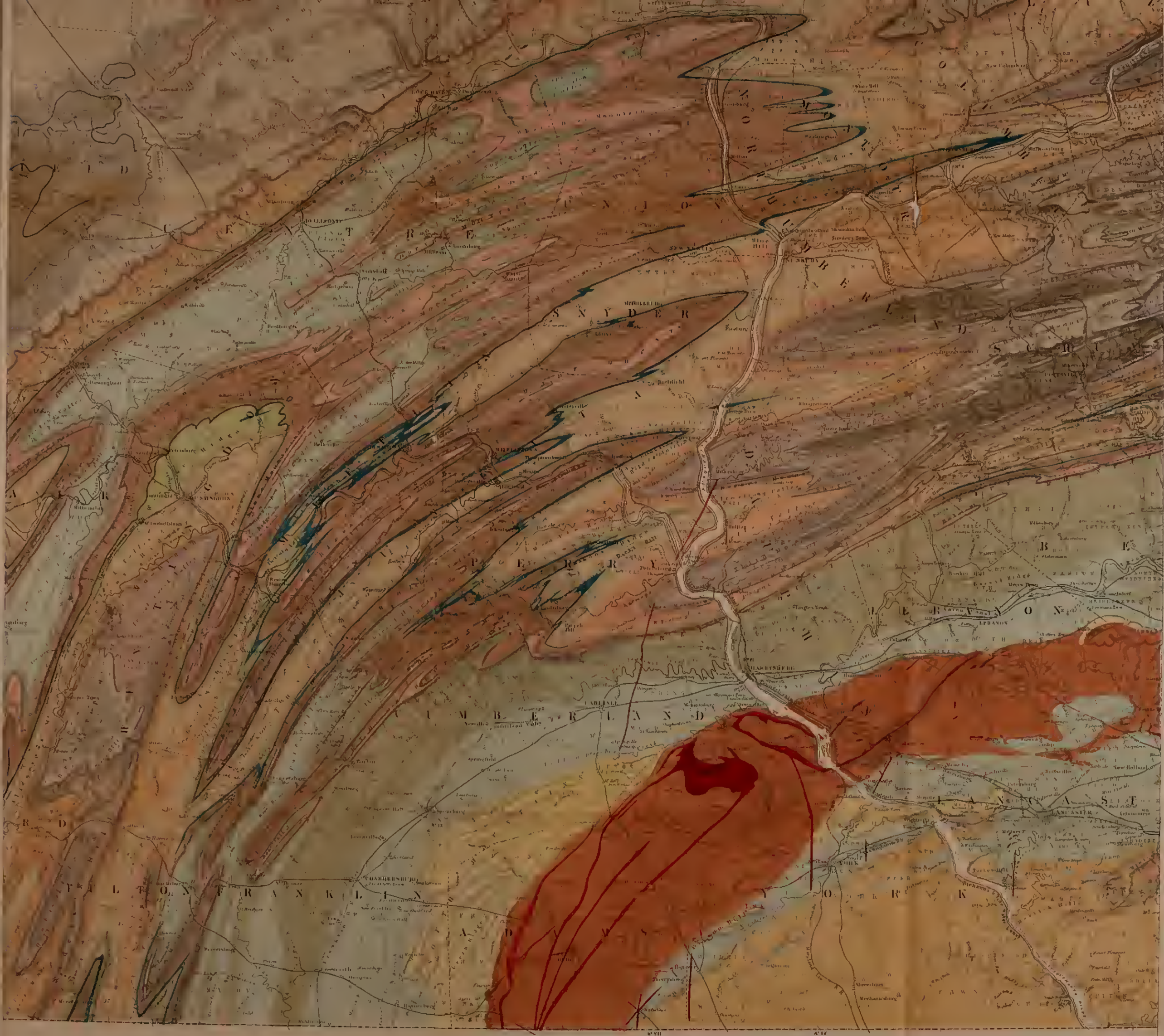
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Pennsylvania.

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