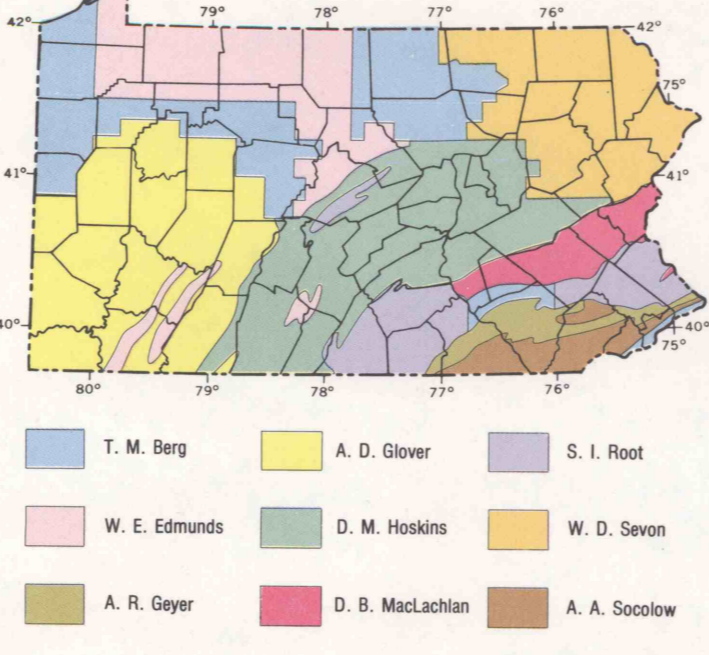


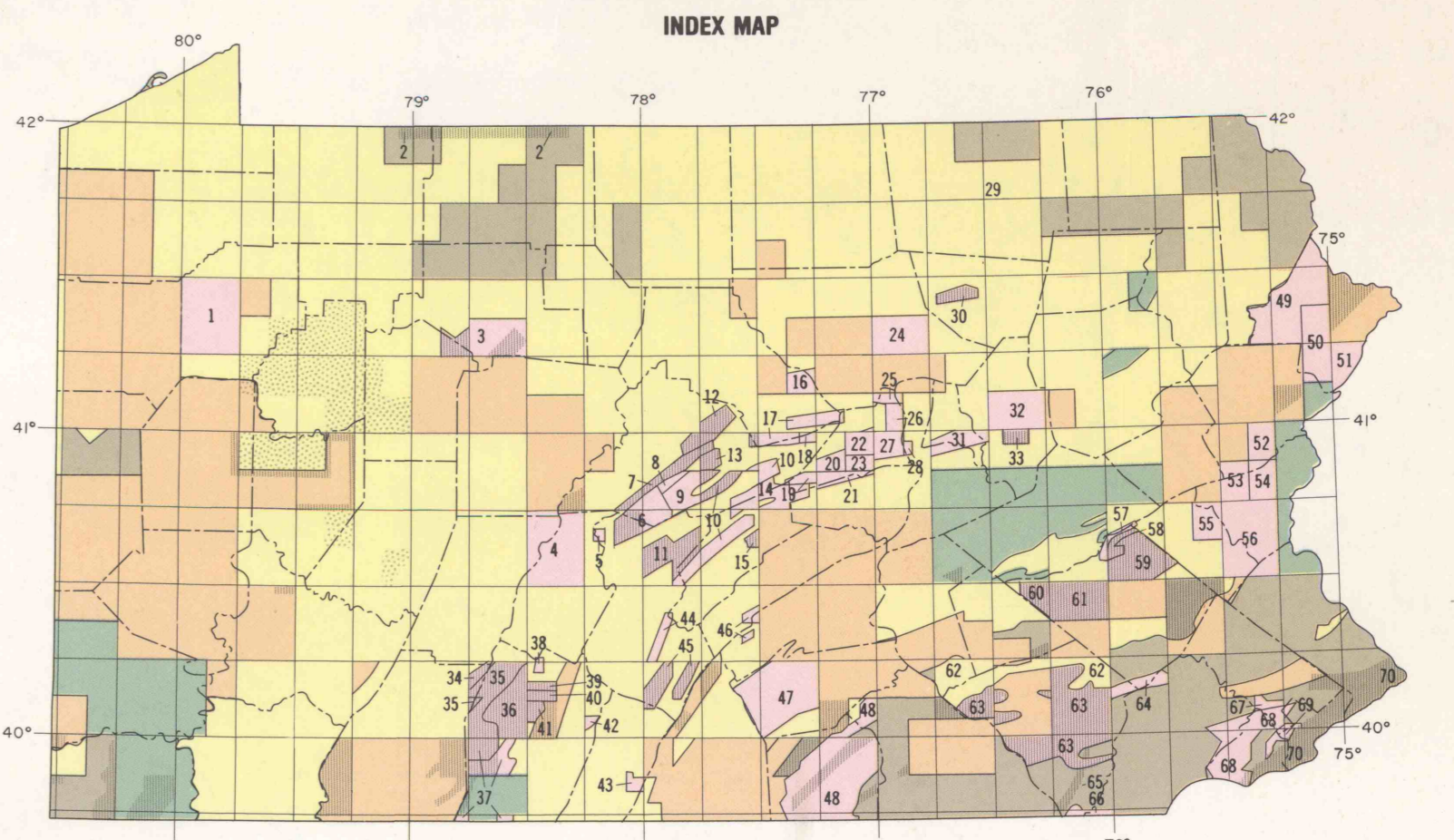
PENNSYLVANIA

80

COMPILED RESPONSIBILITY



SOURCE OF DATA



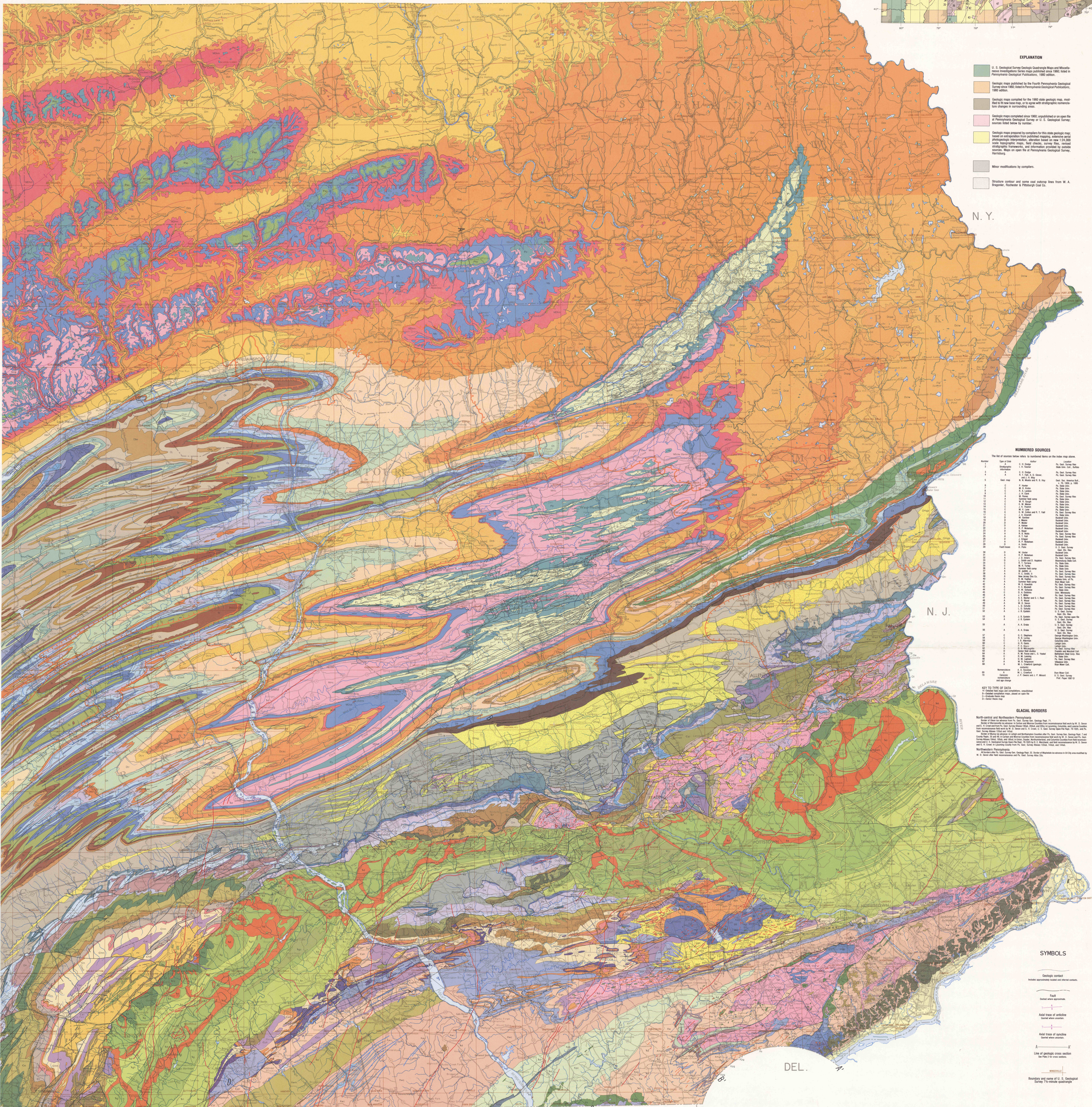
N. Y.

N. Y.

N. J.

DEL.

MD.



- EXPLANATION
U. S. Geological Survey Geological Quadrangle Maps and Miners' Reconnaissance Series Maps published since 1902 based on Pennsylvania Geological Publications, 1953 edition.
Designs and symbols by the Pennsylvanian Geological Commission and State Geologists and State Geologists' Assistants.

- NUMBERED SOURCES
The list of sources below refers to numbered boxes on the index map pages.
1. U. S. Geological Survey Geological Quadrangle Maps and Miners' Reconnaissance Series Maps, published since 1902 based on Pennsylvania Geological Publications, 1953 edition.

- KEY TO TYPE OF DATA
A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z.
A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z.

- GLACIAL BORDERS
North-central and northern Pennsylvania:
Index of glacial borders in Pennsylvania:
1. U. S. Geological Survey Geological Quadrangle Maps and Miners' Reconnaissance Series Maps, published since 1902 based on Pennsylvania Geological Publications, 1953 edition.

- SYMBOLS
Geologic contact
Fault
Line of geologic cross section

SILURIAN

- CENTRAL AND EAST-CENTRAL PENNSYLVANIA
TOWNSHIP FORMATION
SILURIAN FORMATION
CONGLOMERATE FORMATION

ORDOVICIAN

- JUNIATA FORMATION
HIGHLAND FORMATION
MIDDLE FORMATION
CONGLOMERATE FORMATION

OROVICIAN AND CAMBRIAN

- CONGLOMERATE FORMATION

ORDOVICIAN

- WATERBURY FORMATION
CONGLOMERATE FORMATION

CAMBRIAN

- TRIGON FORMATION
CONGLOMERATE FORMATION

PROBABLY LOWER PALEOZOIC

- CONGLOMERATE FORMATION

PRECAMBRIAN

- CONGLOMERATE FORMATION