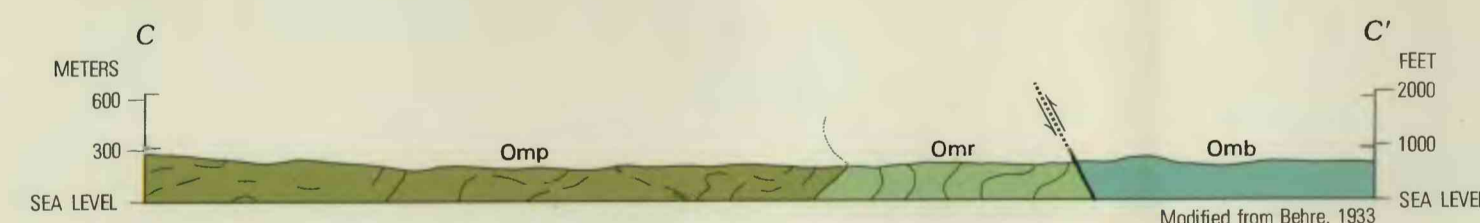
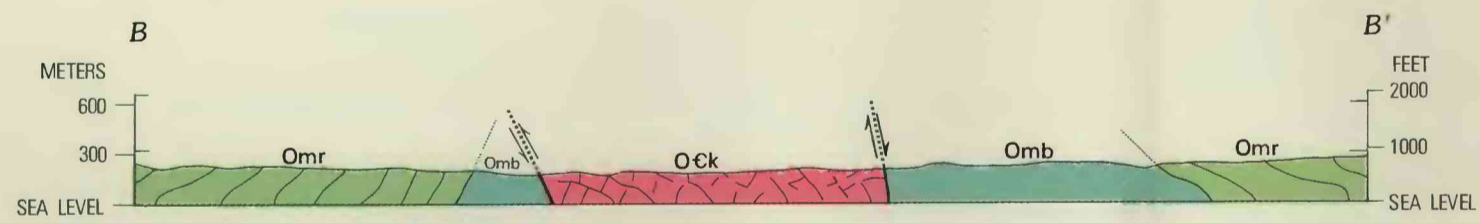
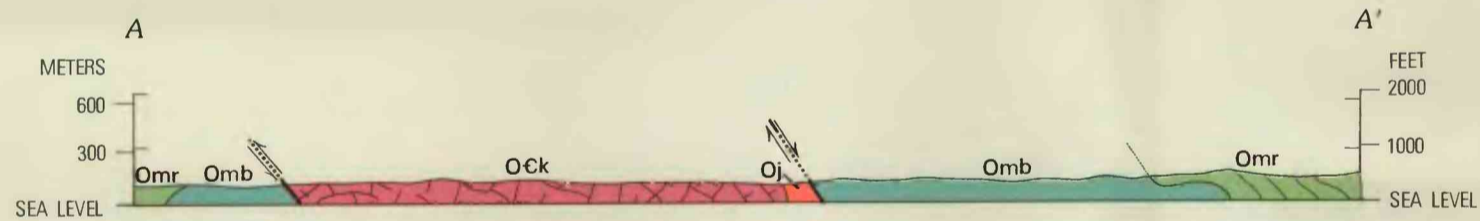


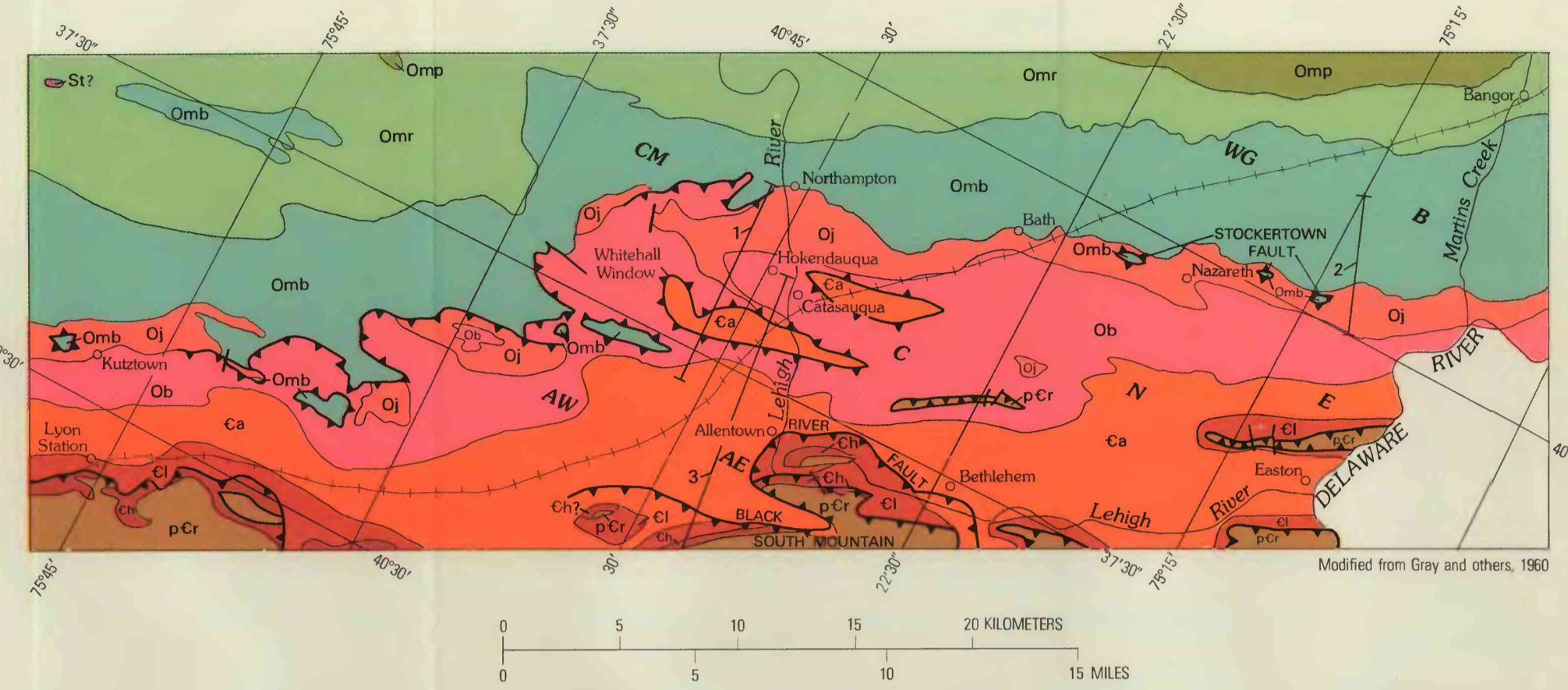
NOTE: 1, line of section A-A', plate 1C; 2, line of section B-B', plate 1C; 3, line of section C-C', plate 1C; 4, area of plate 2B; 5, area of plate 2D; P, Portland quadrangle; BV, Belvidere quadrangle; B, Bangor quadrangle; S, Stroudsburg quadrangle

A. GEOLOGIC SKETCH MAP AND SECTIONS OF WESTERN NEW JERSEY AND EASTERN PENNSYLVANIA SHOWING PAULINS KILL CARBONATE LOWLAND



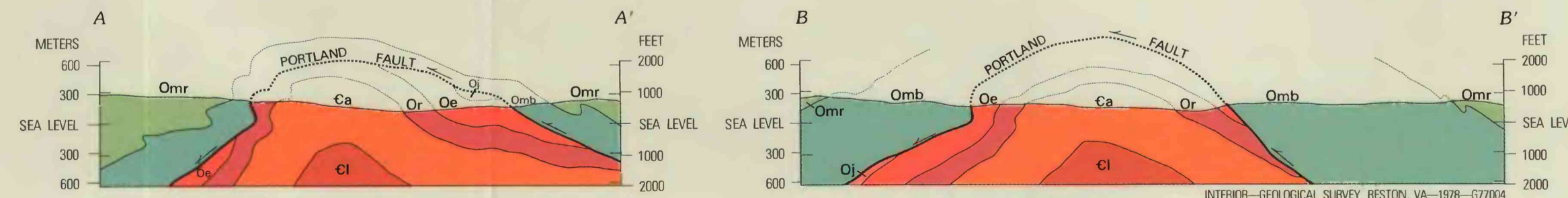
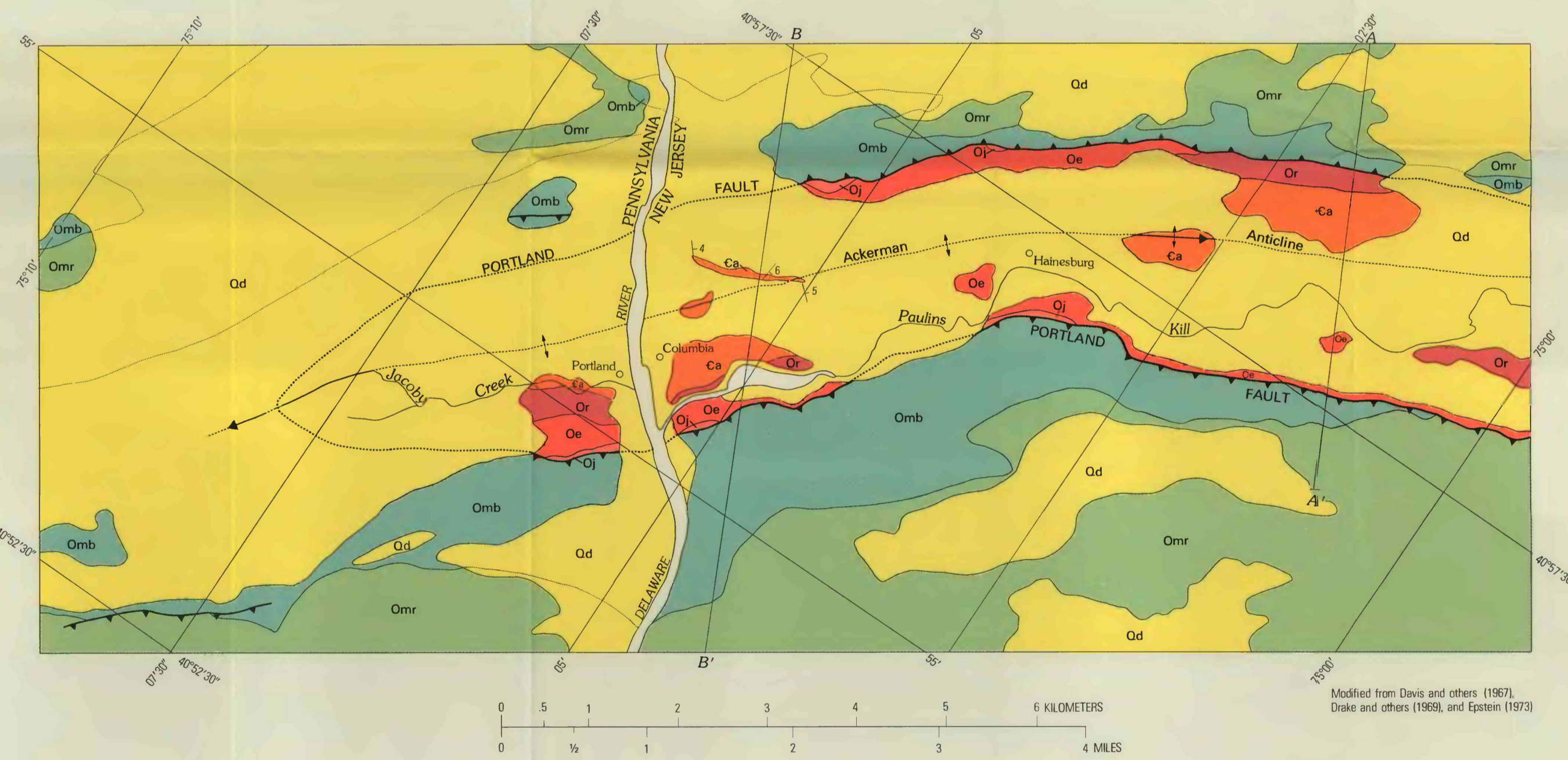
NOTE: A-A' at the Delaware River, B-B' near west end of Jacoby Creek Valley, and C-C' at Bangor, Pa. Locations of sections are shown on plate 1A

C. GEOLOGIC SECTIONS OF THE EASTERNMOST PENNSYLVANIAN SLATE BELT AND PART OF THE PAULINS KILL VALLEY



Note: 1, approximate line of section of plate 3D; 2, approximate line of section of plate 3C; 3, approximate line of section of plate 3B; B, Bangor quadrangle; E, Easton quadrangle; N, Nazareth quadrangle; WG, Wind Gap quadrangle; C, Catasauqua quadrangle; AE, Allentown East quadrangle; AW, Allentown West quadrangle; and CM, Cement quadrangle.

B. GEOLOGIC MAP OF PART OF EASTERN PENNSYLVANIA SHOWING TRACE OF CATASAUQUA AEROMAGNETIC ANOMALY



D. SIMPLIFIED GEOLOGIC MAP AND SECTIONS OF THE PORTLAND, PA., AREA

EXPLANATION

Holocene	Od	Quaternary deposits	QUATERNARY
Silurian and Devonian	DSr	Silurian and Devonian rocks, undivided	SILURIAN-DEVONIAN
Lower Silurian	St	Tuscarora Sandstone(?)	SILURIAN
Middle and Upper Ordovician	Omp, Omr, Om	Martinsburg Formation Om, Martinsburg Formation, undivided Omp, Pen Argyl Member Omr, Ransburg Member Omb, Bushkill Member	ORDOVICIAN
Middle Ordovician	Oj	Jacksonburg Limestone	ORDOVICIAN
Lower Ordovician	Oe, Ob	Beekmantown Group Ob, Beekmantown Group, undivided Oe, Epler Formation Or, Rickenbach Dolomite	ORDOVICIAN
Upper Cambrian	Ock	Kittatinny carbonate terrane	ORDOVICIAN
Lower Cambrian	Ca	Allentown Dolomite	CAMBRIAN
Lower and Middle Cambrian	Cl	Leithville Formation	CAMBRIAN
Lower Cambrian	Ch	Hardyston Quartzite	CAMBRIAN
Precambrian	pCr	Precambrian rocks, in places includes Hardyston Quartzite	PRECAMBRIAN

