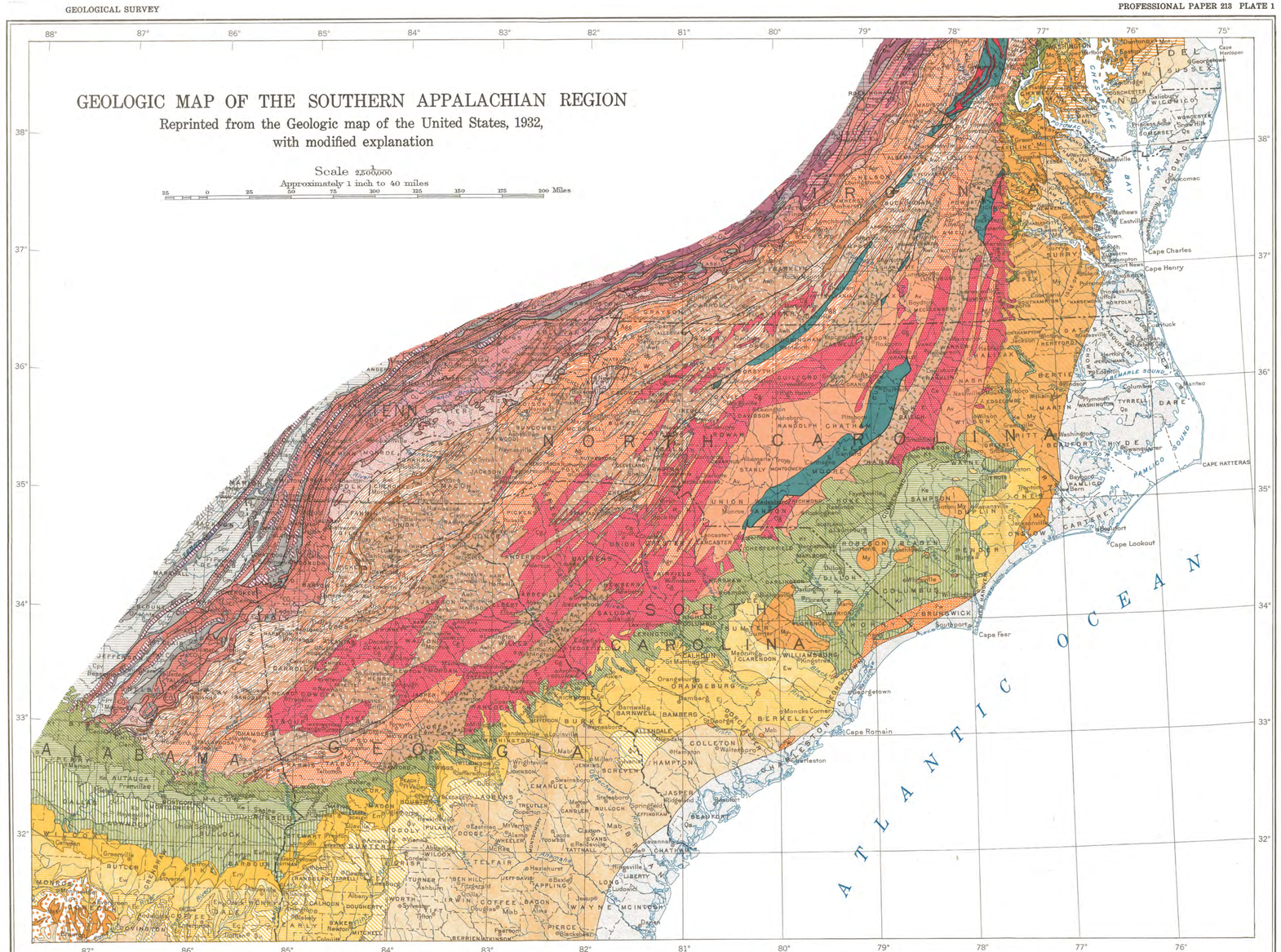

EXPLANATION

QUATERNARY

- Qs — Coastal and estuarine sand and gravel
- Qc — Continental deposits *(River and estuarine terrace deposits)*

TERTIARY

Pliocene

- Pw — Waccamaw marl

Miocene

- My — Yorktown formation *(Duplin marl in North and South Carolina)*
- Ms — St. Marys formation
- Mct — Choptank formation
- Mc — Calvert formation *(Trent marl in North Carolina)*
- Mss — Catahoula sandstone

Oligocene

- Ov — Vicksburg group

Eocene

- Ej — Jackson group *(Barnwell formation in South Carolina and Georgia; Castle Hayne marl in North Carolina; Cooper marl and Santee limestone in South Carolina; Ocala limestone in Georgia and Alabama.)*
- Ec — Claiborne group *(McBean formation in South Carolina and Georgia; Nanjemoy formation in Virginia and Maryland.)*
- Ew — Wilcox group *(Black Mingo formation in South Carolina; Aquia formation in Virginia and Maryland.)*
- Em — Midway group

CRETACEOUS

- Kr — Ripley formation and Selma chalk *(Peedee formation in North Carolina and South Carolina)*
- Ke — Eutaw formation *(Black Creek formation in North Carolina and South Carolina, in part of younger age)*
- Kt — Tuscaloosa formation *(Middendorf formation, South Carolina, and contemporaneous deposits in North Carolina)*
- Kl — Lower Cretaceous rocks *(Potomac group, including Patapsco, Arundel, and Patuxent formations)*
- Mab — Alum Bluff group and younger beds

TRIASSIC

Upper Triassic

- Tr — Newark group
- Td — Intrusive diabase *(Includes basalt lava flows; mostly of late Triassic age.)*

CARBONIFEROUS

Pennsylvanian

- Cpv — Pottsville group

Mississippian

- Cm — Mississippian rocks *(Devonian, Silurian, and Upper Ordovician rocks included in narrow areas)*
- Cg — Carboniferous (?) granite *(Unmetamorphosed granite intrusive in pre-Cambrian rocks)*
- Cmu — Rocks of Chester age

DEVONIAN

- Dmu — Rocks of Chemung to Onondaga age

SILURIAN

- S — Silurian rocks *(Oriskany sandstone and Helderberg limestone included locally in Virginia and West Virginia.)*
- SO — Silurian and Ordovician rocks *(Devonian and Mississippian included in places)*

ORDOVICIAN

- Ou — Shale of Mayaville and Eden age *(Some beds of Stones River age included in Tennessee)*
- Olm — Limestones of Trenton to Beekmantown age *(Some beds of Eden and Mayaville age included in southern Virginia and east Tennessee, and Quantico and Arvonia slates in Virginia, Ordovician (?), included.)*
- €O — Limestone of Upper Cambrian and Lower Ordovician age *(Beekmantown, Copper Ridge, and Conococheague limestones; some older Cambrian beds included in Georgia.)*

CAMBRIAN

- €u — Limestone and shale of Upper and Middle Cambrian age *(Conococheague and Elbrook limestones; Honaker and Nolichucky limestones in Virginia and Tennessee; Conasauga shale in Georgia.)*
- €l — Limestone and shale of Lower and Middle Cambrian age *(Waynesboro shale and Tomstown dolomite in north; Watauga and Rome shales and Shady dolomite in south; some younger Cambrian beds included south of Virginia.)*
- €q — Lower Cambrian quartzites and slates

PRE-CAMBRIAN

Algonkian ? (Glenarm series)

Wissahickon schist

- Awh — Oligoclase-biotite schist *(Indicative of high-rank metamorphism.)*
- Awl — Albite-chlorite schist and garnetiferous phyllonite *(Indicative of low-rank and retrogressive metamorphism.)*
- Awi — Wissahickon schist with igneous injection
- Acs — Cockeysville marble, Setters formation, and associated volcanic rocks
- Agr — Granite, gabbro, and hornblende gneiss
- Agg — Mylonitized granite gneiss and hornblende gneiss *(Augen gneiss and granite mylonite; indicative of intensive differential deformation.)*
- Av — Volcanic rocks *(Metabasalt or greenstone and aporhyolite)*