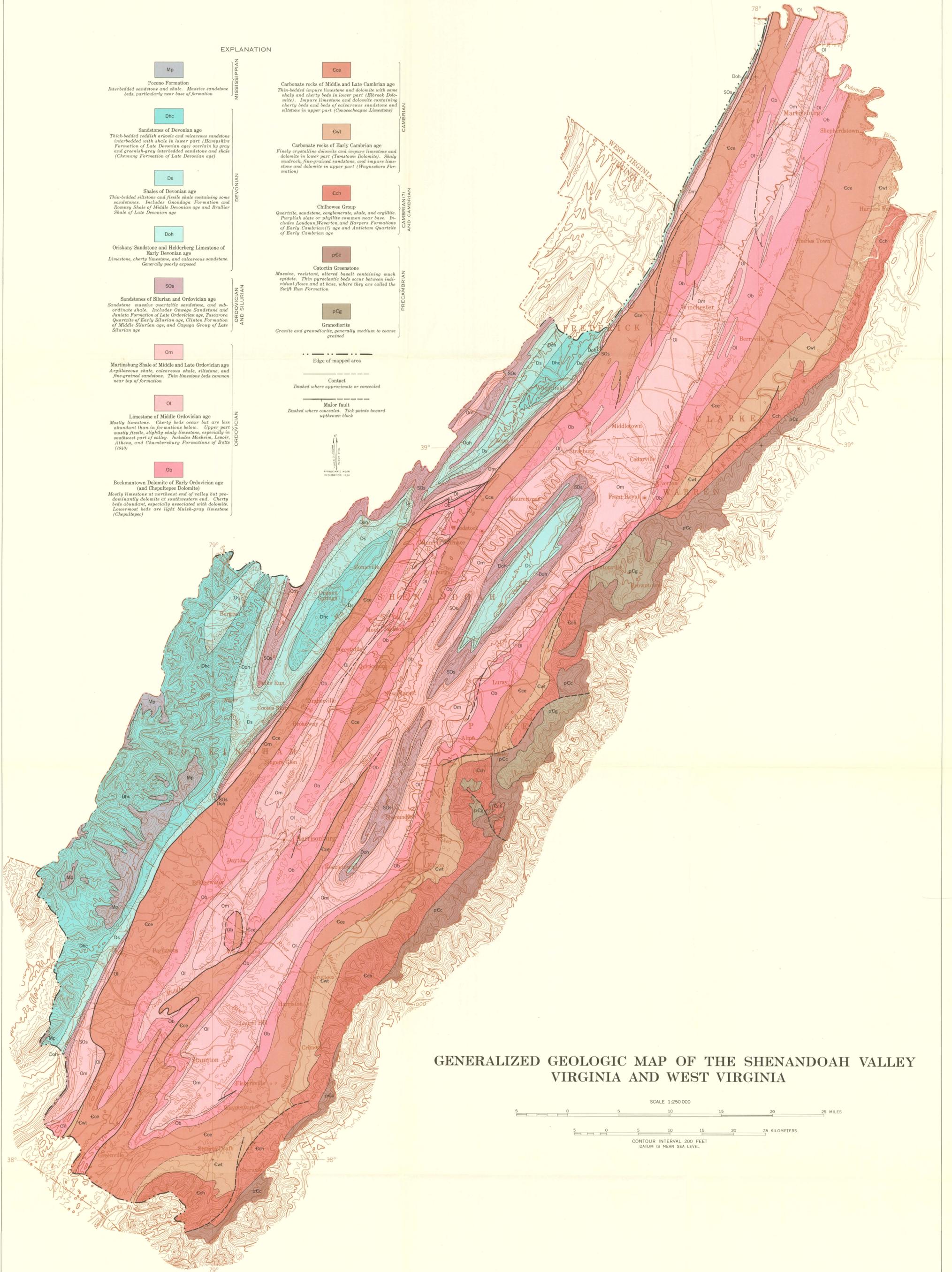
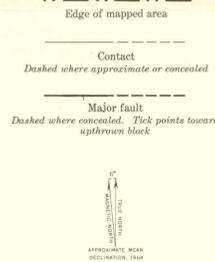


EXPLANATION

<p><b>Mp</b> Pocoho Formation <i>Interbedded sandstone and shale. Massive sandstone beds, particularly near base of formation</i></p> <p><b>Dhc</b> Sandstones of Devonian age <i>Thick-bedded reddish arkosic and micaceous sandstone interbedded with shale in lower part (Hampshire Formation of Late Devonian age) overlain by gray and greenish-gray interbedded sandstone and shale (Chemung Formation of Late Devonian age)</i></p> <p><b>Ds</b> Shales of Devonian age <i>Thin-bedded siltstone and fissile shale containing some sandstone. Includes Onondaga Formation and Romney Shale of Middle Devonian age and Brallier Shale of Late Devonian age</i></p> <p><b>Doh</b> Oriskany Sandstone and Heiderberg Limestone of Early Devonian age <i>Limestone, cherty limestone, and calcareous sandstone. Generally poorly exposed</i></p> <p><b>SOs</b> Sandstones of Silurian and Ordovician age <i>Sandstone massive quartzitic sandstone, and subordinate shale. Includes Onondaga Sandstone and Juniata Formation of Late Ordovician age, Tuscarora Quartzite of Early Silurian age, Clinton Formation of Middle Silurian age, and Cayuga Group of Late Silurian age</i></p> <p><b>Om</b> Martinsburg Shale of Middle and Late Ordovician age <i>Argillaceous shale, calcareous shale, siltstone, and fine-grained sandstone. Thin limestone beds common near top of formation</i></p> <p><b>Oi</b> Limestone of Middle Ordovician age <i>Mostly limestone. Cherty beds occur but are less abundant than in formations below. Upper part mostly fissile, slightly shaly limestone, especially in southwest part of valley. Includes Mosheim, Lenoir, Athens, and Chambersburg Formations of Butts (1940)</i></p> <p><b>Ob</b> Beekmantown Dolomite of Early Ordovician age (and Chepultepec Dolomite) <i>Mostly limestone at northeast end of valley but predominantly dolomite at southwestern end. Cherty beds abundant, especially associated with dolomite. Lowermost beds are light bluish-gray limestone (Chepultepec)</i></p>	<p><b>Cce</b> Carbonate rocks of Middle and Late Cambrian age <i>Thin-bedded impure limestone and dolomite with some shaly and cherty beds in lower part (Elbrook Dolomite). Impure limestone and dolomite containing cherty beds and beds of calcareous sandstone and siltstone in upper part (Conococheague Limestone)</i></p> <p><b>Cwt</b> Carbonate rocks of Early Cambrian age <i>Finely crystalline dolomite and impure limestone and dolomite in lower part (Tomstown Dolomite). Shaly mudrock, fine-grained sandstone, and impure limestone and dolomite in upper part (Waynesboro Formation)</i></p> <p><b>Ech</b> Chilhowee Group <i>Quartzite, sandstone, conglomerate, shale, and argillite. Purplish slate or phyllite common near base. Includes Loudon, Weverton, and Harpers Formations of Early Cambrian (?) age and Antietan Quartzite of Early Cambrian age</i></p> <p><b>pCc</b> Catoctin Greenstone <i>Massive, resistant, altered basalt containing much epidote. Thin pyroclastic beds occur between individual flows and at base, where they are called the Swift Run Formation</i></p> <p><b>pCg</b> Granodiorite <i>Granite and granodiorite, generally medium to coarse grained</i></p>
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GENERALIZED GEOLOGIC MAP OF THE SHENANDOAH VALLEY  
VIRGINIA AND WEST VIRGINIA

