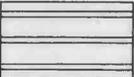


MAP OF ROCK TYPES IN THE WASHINGTON AREA
SHOWING LOCATION OF THE AREA STUDIED



EXPLANATION

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Cretaceous and younger rocks | 
Basic igneous rocks
<i>In Maryland: Baltimore Gabbro of Vokes (1957) of uncertain age, in Howard County; tonalite, metagabbro, and amphibolite, in Montgomery County. In Virginia: metabasalt</i> |
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Triassic rocks | 
Phyllite and associated rocks of low metamorphic grade
<i>In Maryland: Harpers Phyllite of Early Cambrian(?) age; Sugarloaf Mountain Quartzite of Cambrian(?) age; Ijamsville Phyllite, Urbana Phyllite, Marburg Schist; all of early Paleozoic(?) age. In Virginia: Clifton Phyllite of Bennison and Milton (1954) of uncertain age</i> |
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Paleozoic rocks
<i>Grove Limestone of Early Ordovician age, Frederick Limestone of Late Cambrian age, and Antietam Quartzite of Early Cambrian age</i> | 
Rocks of medium and high metamorphic grade, in part retrogressively metamorphosed
<i>In Maryland: chiefly Wissahickon Formation. In Virginia: Peters Creek Quartzite. Both of Early Paleozoic(?) age</i> |
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Granitic rocks
<i>In Maryland: Bear Island Granodiorite of Cloos and Cooke (1953) and Kensington Granite Gneiss of Cloos and Cooke (1953), both of uncertain age; Ellicott City Granite of Vokes (1957) of Late Devonian(?) age; Guilford Granite of Cloos and Broedel (1940) of uncertain age. In Virginia: Occoquan Granite of Lonsdale (1927) of Precambrian age</i> | 
Baltimore Gneiss of Precambrian age |
| 
Gneissic rocks
<i>In Maryland: Sykesville Formation of Cloos and Cooke (1953) and Laurel Gneiss of Chapman (1942), both of uncertain age. In Virginia: granitized schist</i> | <p>Geology sketched from Cloos and Cooke (1953), Cloos and Broedel (1940), Darton and Keith (1901), Jonas (1928), Bennison and Milton (1954), and other sources</p> |