



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION
AND ECONOMIC DEVELOPMENT
DIVISION OF MINERAL RESOURCES

**BIBLIOGRAPHY OF PUBLISHED
MEASURED SECTIONS WEST OF
THE BLUE RIDGE IN VIRGINIA**

HARRY W. WEBB, JR.
W. EDWARD NUNAN

INFORMATION CIRCULAR 18

VIRGINIA DIVISION OF MINERAL RESOURCES
James L. Calver
Commissioner of Mineral Resources and State Geologist

CHARLOTTESVILLE, VIRGINIA
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NOTE

Only the geographic part of geologic names in this compilation are capitalized. Usage is not in conformity with the "Code of Stratigraphic Nomenclature" (American Association of Petroleum Geologists, 1970). The format was adopted to avoid inconsistencies between terminology in past and present literature. In publications of the Virginia Division of Mineral Resources since 1964, with the exception of this report, the Division has generally adhered to the "Code".

BIBLIOGRAPHY OF PUBLISHED MEASURED SECTIONS WEST OF THE BLUE RIDGE IN VIRGINIA

By

Harry W. Webb, Jr. and W. Edward Nunan

INTRODUCTION

Measured stratigraphic sections provide detailed information on the thickness, lithology, paleontologic content, facies characteristics, and other aspects of rock units at specific localities. The information can be used to depict where mapped units can be seen and studied and to determine the extent and nature of geologic units. This publication is a bibliographic aid for use in locating published literature references to January 1, 1972 of measured sections of Paleozoic-age rocks that crop out in Virginia west of the Blue Ridge.

The entries are arranged by county and keyed to base maps. Where several authors have measured units at or very close to the same locality, these entries have the same number; each is assigned an alphabetical letter and listed in chronological order. When identical descriptions of a section by the same author appear in two or more publications, only the earliest reference is cited. However, where the description of a section has been modified by another author, it has been included. The general location of all sections listed have been plotted on county base maps (source: Economic Data Summaries, Virginia Division of State Planning and Community Affairs). For specific location information the use of topographic quadrangles (7.5-minute series) (Appendix I), county road maps, and the perusal of the reference is recommended.

Each entry consists of three headings: units, location, and reference. Under units are included the names, listed from oldest to youngest, as indicated by the author, of the stratigraphic intervals measured. Terms such as fault, unconformity, hiatus, etc., have been omitted. *All unit names are indicated informally.* An index to the stratigraphic units is included as Appendix II of this publication. Location data has been revised, in most cases, to reflect current place names, approximate distances, and highway and road numbers. This revision came from inspection of modern 7.5-minute series topographic quadrangles and 1969 Virginia Department of Highways primary and secondary highway systems maps. Location information is arranged to read from the general area to the specific locality. The quad-

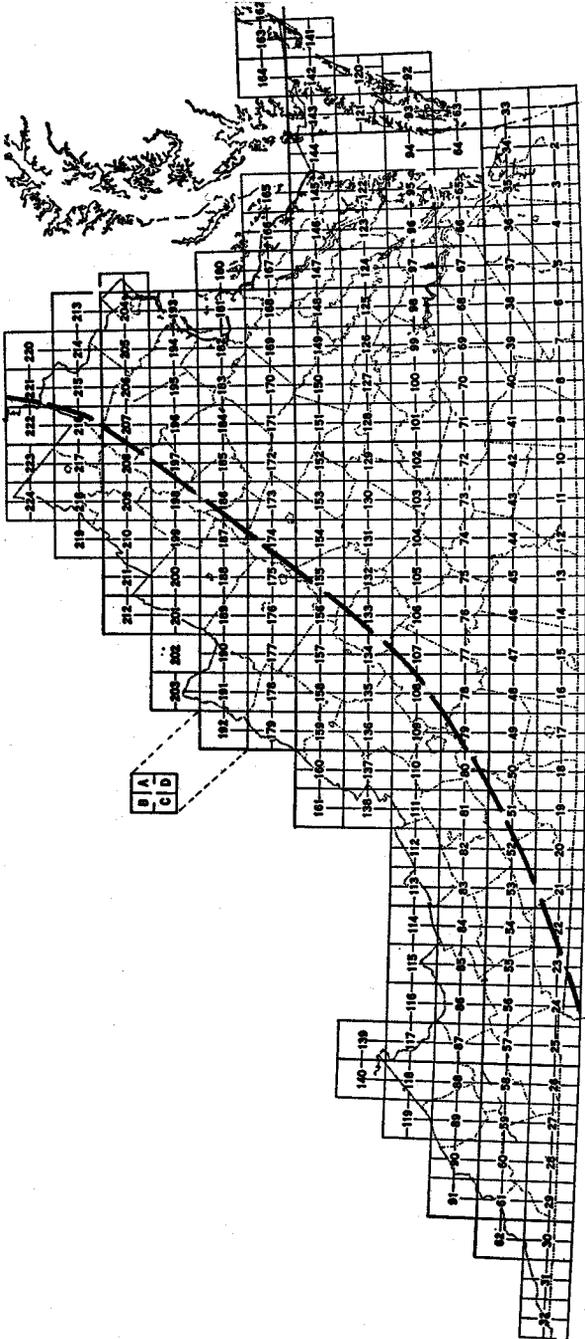


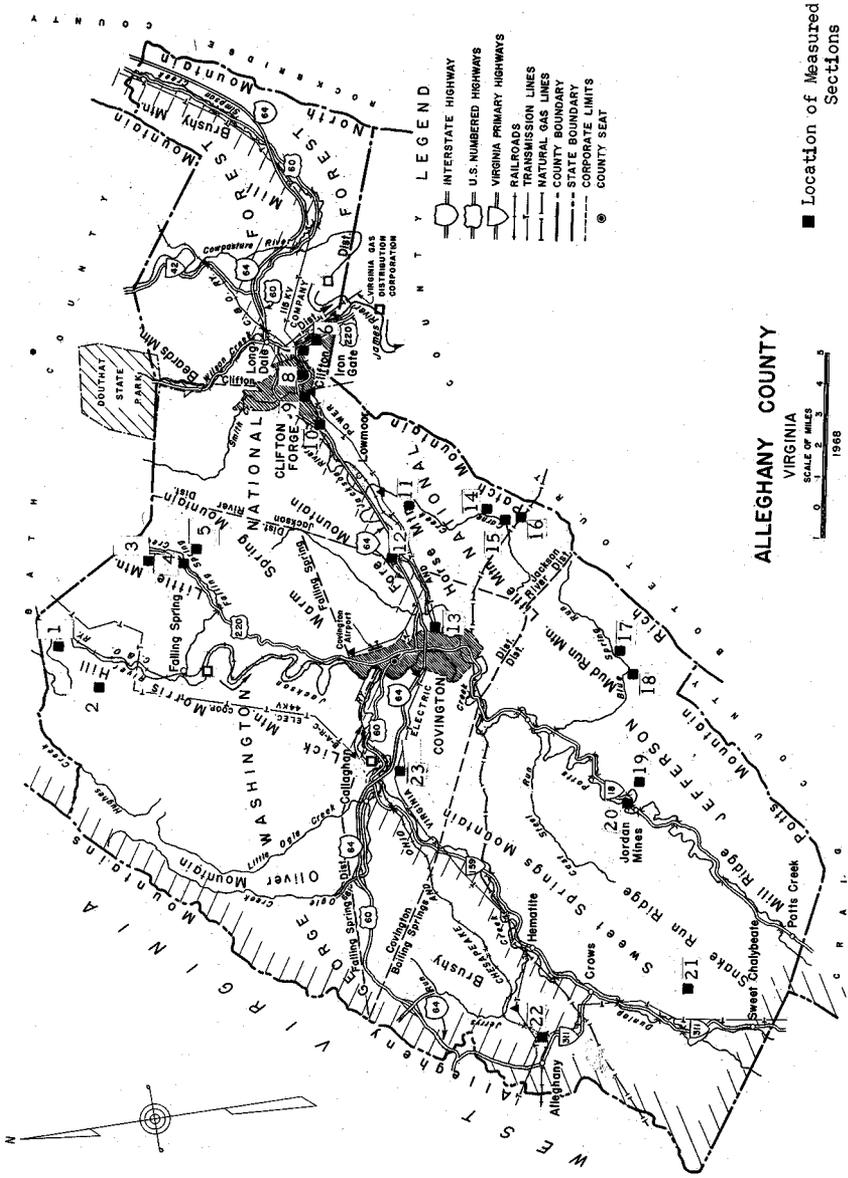
Figure 1. Index map to 7.5-minute series of Virginia topographic quadrangles (dashed line is approximately eastern boundary of area discussed in this publication).

range on which the section is located is indicated by a numerical designation (Figure 1). A list of quadrangles by number and name is included as Appendix I. The reference is the source from which the section was abstracted.

The condition of exposures and identifiable cultural data may change with the passage of time. Names of quarries and other economic operations have not been updated; the name may have changed or the quarry may be inactive. *No field inspection has been made of these sections.* Compilation for this publication was begun by former employee R. J. Beach.

Topographic maps can be purchased by name from the Virginia Division of Mineral Resources, P. O. Box 3667, Charlottesville, VA, 22903, or the Distribution Section, U. S. Geological Survey, 1200 South Eads Street, Arlington, VA, 22202. County highway maps can be obtained from the Office of Public Information, Virginia Department of Highways, 1221 East Broad Street, Richmond, VA, 23219.

MEASURED SECTION
LIST



Location Map of Allegheny County

Alleghany County

Section
Number

- 1a Units: Tonoloway limestone; Helderberg limestone—Keyser limestone member, Coeymans limestone member, New Scotland limestone member, Becraft limestone member
Location: About 1 mile west of Kincaid along Jackson River; 159-B
Reference: Butts, 1940, p. 266-267
- 1b Units: Tonoloway limestone; Keyser limestone—lower limestone, Clifton Forge sandstone, upper limestone; Coeymans limestone; Healing Springs sandstone; Port Ewen limestone; Port Jarvis limestone
Location: About 1 mile west of Kincaid along the steep cliff of Jackson River; 159-B
Reference: Woodward, 1943, p. 231
- 1c Units: Tonoloway formation; Keyser limestone—lower limestone member, Clifton Forge sandstone member, upper limestone member; Coeymans limestone; New Scotland formation—Healing Springs sandstone member; Licking Creek limestone
Location: About 1 mile west of Kincaid along Jackson River; 159-B
Reference: Edmundson, 1958, p. 71
- 2 Units: Becraft limestone; Oriskany sandstone; Onondaga formation
Location: About 8 miles north of Covington on the northwest slope of Morris Hill along State Road 600; 159-B
Reference: Butts, 1940, p. 292
- 3 Units: Ordovician limestone, undifferentiated
Location: South of Valley View to the west of U. S. Highway 220 about 0.6 mile northeast of Sinking Springs Church; 159-B
Reference: Edmundson, 1958, p. 64-65
- 4 Units: Big Valley formation; McGlone formation
Location: About 1.5 miles southwest of Valley View to the east of U. S. Highway 220; 159-B
Reference: Bick, 1962, p. 13-14
- 5 Units: Lincolnshire formation; Ward Cove formation; Peery formation; Benbolt formation; McGlone formation; McGraw formation; Moccasin formation
Location: About 1.7 miles south of Valley View along an unimproved dirt road between U. S. Highway 220 and State Road 600; 159-B
Reference: Kay, 1956, p. 66

Section
Number

- 6a Units: Keyser limestone—lower limestone member, Clifton Forge sandstone member, upper limestone member; Coeymans limestone; New Scotland formation—Healing Springs sandstone member; Becraft limestone
 Location: Near Clifton Forge along U. S. Highway 220 between Clifton Forge and Iron Gate in Rainbow Gap; 159-D
 Reference: Swartz, F. M., 1929, p. 67-68
- 6b Units: Tonoloway limestone
 Location: Northwest of Iron Gate along U. S. Highway 220; 159-D
 Reference: Lesure, 1957, p. 42
- 6c Units: Keyser limestone—lower limestone member, Clifton Forge sandstone member, upper limestone member; Coeymans limestone; New Scotland formation—Healing Springs sandstone member; Licking Creek limestone
 Location: About 1.5 miles southeast of Clifton Forge in Rainbow Gap along the Chesapeake and Ohio Railway and U. S. Highway 220; 159-D
 Reference: Edmundson, 1958, p. 67
- 7a Units: Clinton
 Location: Southeast of Clifton Forge in Rainbow Gap of Rich Patch Mountain; 159-D
 Reference: Schmitz, 1895, p. 477-481
- 7b Units: Clinch (“Medina”); Rockwood (“Clinton”); Lewistown (“Helderberg”); Oriskany
 Location: About 1 mile southeast of Clifton Forge in Rainbow Gap; 159-D
 Reference: Eckel, 1905, p. 185
- 7c Units: Rose Hill formation
 Location: Northwest of Iron Gate on the southeast flank of the Rich Patch anticline along U. S. Highway 220; 159-D
 Reference: Lesure, 1957, p. 36
- 7d Units: Keefer sandstone; “Wills Creek” formation
 Location: Northwest of Iron Gate on the southeast limb of the Rich Patch anticline along U. S. Highway 220; 159-D
 Reference: Lesure, 1957, p. 39
- 7e Units: Rose Hill formation; Keefer formation; Wills Creek sandstone; Tonoloway limestone; Keyser formation; Coeymans limestone; Healing Springs sandstone; Licking Creek limestone
 Location: About 1 mile southeast of Clifton Forge in Rainbow Gap along U. S. Highway 220; 159-D
 Reference: Cooper, 1960, p. 46-47

Section
Number

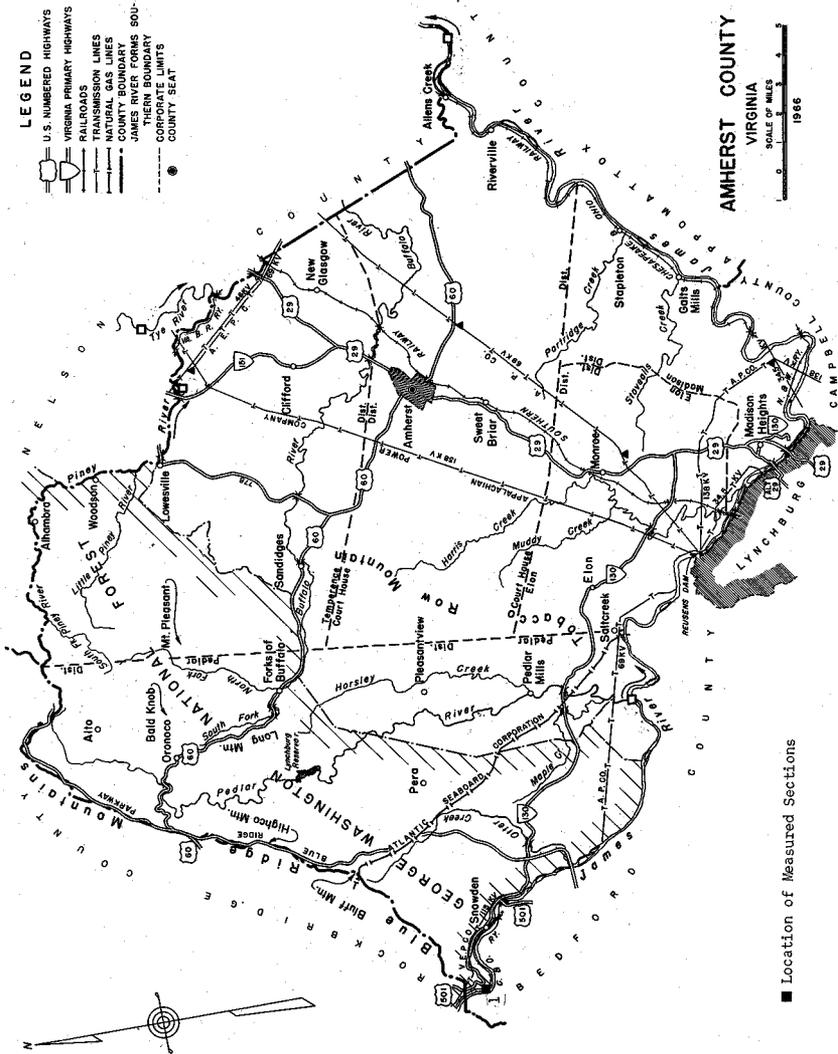
- 8a Units: Helderberg limestone; Oriskany sandstone; Romney shale—
Onondaga member
Location: About 0.75 mile east of the Clifton Forge railroad station; 159-D
Reference: Kindle, 1912, p. 45
- 8b Units: Tonoloway limestone; Keyser limestone—Clifton Forge sandstone member, upper limestone member; Coeymans limestone; New Scotland formation—Healing Springs sandstone member; Licking Creek limestone; Ridgeley sandstone
Location: In Clifton Forge along the north side of the Chesapeake and Ohio Railway and east of U. S. Highway 220 bridge; 159-D
Reference: Edmundson, 1958, p. 68
- 9 Units: Ridgeley sandstone
Location: At Clifton Forge along the Chesapeake and Ohio Railway yard; 159-D
Reference: Lesure, 1957, p. 53
- 10a Units: hard blue limestone with chert; Oriskany sandstone; ash-colored shale
Location: Just west of Clifton Forge near the Chesapeake and Ohio Railway bridge; 159-D
Reference: Williams and Kindle, 1905, p. 42
- 10b Units: Lewistown; Oriskany
Location: In the vicinity of Clifton Forge; 159-D
Reference: Watson, 1907, p. 78
- 10c Units: Helderberg limestone; Oriskany sandstone; Romney shale—
Onondaga member
Location: West of Clifton Forge along the Chesapeake and Ohio Railway tracks about 0.5 mile west of the station; 159-D
Reference: Kindle, 1912, p. 45
- 11a Units: Clinton group; lower Helderberg limestone; Oriskany sandstone; Marcellus shale
Location: About 1.0 to 1.5 miles southwest of Low Moor near the Low Moor iron mines and Karnes Creek; 159-C
Reference: Lyman, 1886, p. 801-804
- 11b Units: Clinton
Location: About 3 miles southwest of Low Moor on the southeastern face of Horse Mountain; 159-C
Reference: Eckel, 1905, p. 187-188
- 12a Units: Helderberg limestone—Keyser limestone member, Coeymans limestone member, New Scotland member, Becraft limestone member; Oriskany sandstone

Section
Number

- Location: About 4 miles southeast of Covington at Island Ford along U. S. Highway 60; 159-C
Reference: Butts, 1940, p. 267-268
- 12b Units: Keyser limestone—Clifton Forge sandstone, upper limestone; Coeymans limestone; Healing Springs sandstone; Port Ewen limestone; Port Jarvis limestone; Ridgeley sandstone
Location: Between Covington and Clifton Forge along Jackson River in the vicinity of the Interstate Highway 64 bridge; 159-C
Reference: Woodward, 1943, p. 231-232
- 12c Units: Keyser limestone—Clifton Forge sandstone member, upper limestone member; Coeymans limestone; New Scotland formation—Healing Springs sandstone member; Licking Creek limestone; Ridgeley sandstone
Location: About 3.25 miles east of Covington southeast of Jackson River Bridge near U. S. Highway 60; 159-C
Reference: Edmundson, 1958, p. 69-70
- 13 Units: Lewistown limestone; Oriskany sandstone; Romney shale
Location: Near Covington about 0.5 mile southeast of the blast furnace on the north bank of the Jackson River; 159-C
Reference: Williams and Kindle, 1905, p. 39
- 14a Units: Lurich formation; Lincolnshire formation; Ward Cove formation; Peery formation; Benbolt formation; McGlone formation; Moccasin formation; Eggleston formation; Martinsburg formation
Location: North, west, and east of Rich Patch in the vicinity of State Roads 620, 621, and 616; 136-B
Reference: Kay, 1956, p. 65
- 14b Units: Elway limestone; Lincolnshire limestone
Location: Northeast of Rich Patch near Karnes Creek, 0.5 mile from the junction of State Roads 616 and 621; 136-B
Reference: Lesure, 1957, p. 23
- 15 Units: New Market limestone; Lincolnshire and Whistle Creek limestones
Location: Between Rich Patch and Hooks Mill along State Road 621; 136-B
Reference: Edmundson, 1958, p. 66
- 16 Units: Edinburg limestone; Eggleston formation
Location: About 1 mile south-southeast of Rich Patch near State Road 621, 1500 feet from its junction with State Road 616; 136-B
Reference: Lesure, 1957, p. 26

Section
Number

- 17 Units: Edinburg limestone; Eggleston formation
 Location: About 4.8 miles east of Boiling Spring along State Road 616; 137-A
 Reference: Lesure, 1957, p. 27
- 18 Units: Juniata formation
 Location: About 4 miles east of Boiling Spring just west of Cliff Dale Chapel along State Road 616; 137-A
 Reference: Lesure, 1957, p. 31
- 19 Units: Brallier formation
 Location: East of Boiling Spring along State Road 613; 137-A
 Reference: Lesure, 1957, p. 59
- 20a Units: Lewistown; Oriskany
 Location: About 0.5 mile west-northwest of Boiling Spring near Potts Creek; 137-A
 Reference: Bassler, 1907, p. 78
- 20b Units: Coeymans limestone; Healing Springs limestone; Port Ewen limestone; Port Jervis limestone; Ridgeley sandstone
 Location: About 0.5 mile west-northwest of Boiling Spring near Potts Creek; 137-A
 Reference: Woodward, 1943, p. 232
- 21 Units: Lincolnshire formation; Ward Cove formation; Peery formation; Benbolt formation; McGlone formation; McGraw formation; Moccasin formation; Eggleston formation
 Location: About 1.4 miles west of Earlehurst on the west side of Peters Mountain; 137-B
 Reference: Kay, 1956, p. 64
- 22 Units: Price formation; Maccrady formation
 Location: About 1 mile east of Alleghany at and above the west portal of Lewis Tunnel along the Chesapeake and Ohio Railway tracks; 137-B
 Reference: Read, 1955, p. 11
- 23 Units: Keyser limestone—upper limestone member; Coeymans limestone; New Scotland formation—Healing Springs sandstone member; Licking Creek limestone
 Location: About 2 miles southeast of Callaghan at Dunlap Beach along State Road 600; 160-D
 Reference: Edmundson, 1958, p. 70



Location Map of Amherst County

Amherst County

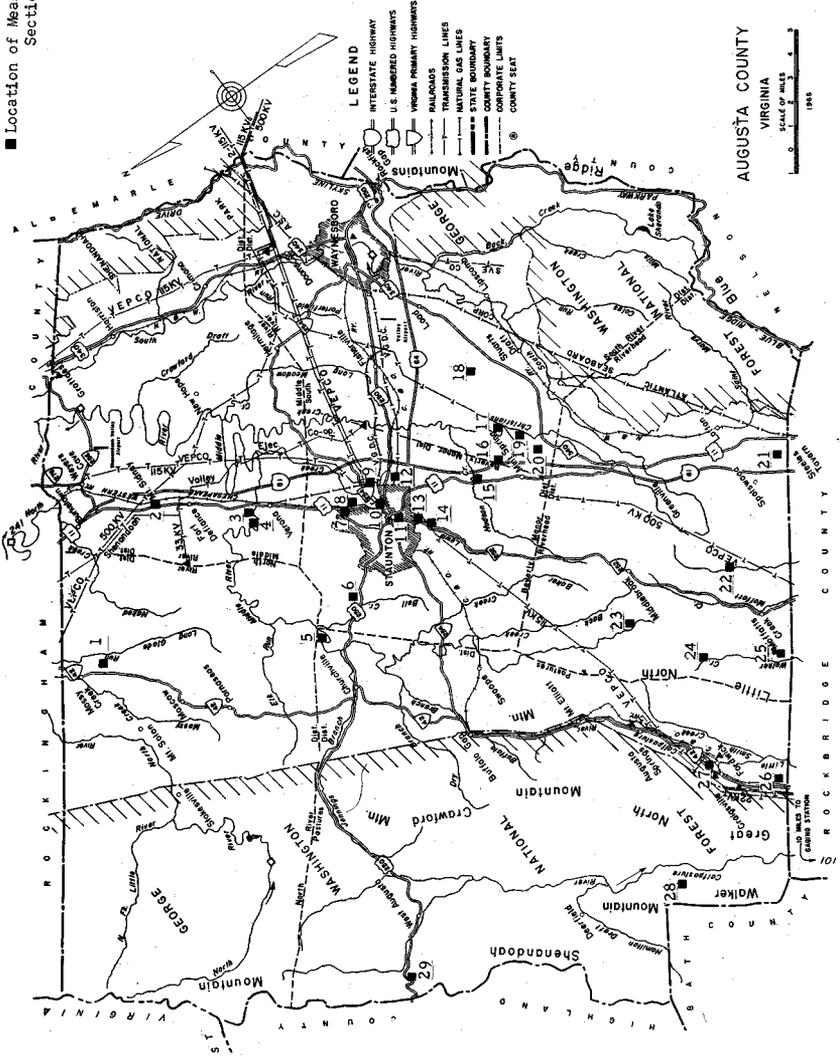
Section
Number

1 Units: Potsdam or Lower Cambrian with eight subdivisions

Location: From Balcony Falls southeast along the James River
water gap through the Blue Ridge (Amherst and Rockbridge
counties); 134-B, 134-C

Reference: Campbell, 1885, p. 471-472

■ Location of Measured Sections



LEGEND
INTERSTATE HIGHWAY
U.S. NUMBERED HIGHWAYS
VIRGINIA PRIMARY HIGHWAYS
RAILROADS
TRANSMISSION LINES
NATIONAL GAS LINES
COUNTY BOUNDARY
CORPORATE LIMITS
COUNTY SEAT

AUGUSTA COUNTY
VIRGINIA
SCALE OF MILES
0 1 2 3 4
1964

Location Map of Augusta County

Augusta County

Section
Number

- 1 Units: Mosheim limestone
 Location: About 3 miles southeast of Mt. Solon at the intersection of State Roads 613 and 754; 189-D
 Reference: Edmundson, 1945, p. 104
- 2 Units: heavily bedded, dark-blue limestone; gray, coarsely crystalline limestone with chert; brown shales with graptolites; calcareous shales and shaly limestones with few fossils; typical Martinsburg shales
 Location: At Mount Sidney along the Chesapeake and Western Railway; 188-C
 Reference: Bassler, 1907, p. 115
- 3a Units: Beekmantown formation
 Location: About 0.5 mile north of Verona near State Road 781 and Middle River beginning at the western end of Bowling quarry; 176-A
 Reference: Edmundson, 1945, p. 116-117
- 3b Units: Beekmantown formation; Mosheim limestone
 Location: About 0.5 mile north of Verona near State Road 781 and Middle River in Bowling quarry; 176-A
 Reference: Edmundson, 1945, p. 106
- 3c Units: Lenoir limestone
 Location: About 0.5 mile north of Verona near State Road 781 and Middle River in Bowling quarry; 176-A
 Reference: Edmundson, 1945, p. 113
- 4 Units: Conococheague formation; Beekmantown formation; Mosheim limestone; Lenoir limestone
 Location: About 5.5 miles northeast of Staunton just northeast of Middle River; 176-A
 Reference: Butts, 1940, p. 110-111
- 5 Units: Beekmantown formation; Mosheim limestone
 Location: About 0.4 mile west of Franks Mill and 500 feet north of State Road 728 in an abandoned quarry along Middle River; 176-A
 Reference: Edmundson, 1945, p. 104
- 6a Units: Beekmantown formation; Mosheim limestone
 Location: Northwest of Staunton along U. S. Highway 250 at its intersection with State Road 612; 176-A
 Reference: Edmundson, 1945, p. 105

Section
Number

- 6b Units: Lenoir limestone
Location: Northwest of Staunton along U. S. Highway 250 at its intersection with State Road 612; 176-A
Reference: Edmundson, 1945, p. 112
- 6c Units: New Market limestone; Whistle Creek limestone; Lincolnshire limestone
Location: Northwest of Staunton along U. S. Highway 250, near its junction with State Road 612; 176-A
Reference: Cooper and Cooper, 1946, p. 100
- 6d Units: Athens shale
Location: Northwest of Staunton, west of the intersection of State Road 612 and U. S. Highway 250 along the south side of U. S. Highway 250; 176-A
Reference: Decker, 1952, p. 68
- 7a Units: Lenoir limestone; Athens formation
Location: About 1 mile northeast of Staunton and 2000 feet south of the junction of U. S. Highway 11 and Alternate U. S. Highway 11; 176-A
Reference: Edmundson, 1945, p. 113-114
- 7b Units: New Market limestone; Lincolnshire limestone; Edinburg formation—Botetourt limestone member, Liberty Hall facies
Location: In the northern environs of Staunton 0.5 mile south of the intersection of Alternate U. S. Highway 11 and U. S. Highway 11; 176-A
Reference: Cooper and Cooper, 1946, p. 99
- 8a Units: Murat limestone; Liberty Hall limestone
Location: On the northeastern side of Staunton along the Chesapeake and Western Railway tracks and the road beyond the ice factory; 176-A
Reference: Bassler, 1907, p. 117
- 8b Units: New Market limestone; Whistle Creek limestone; Lincolnshire limestone—Murat facies; Lincolnshire limestone; Edinburg formation—Botetourt limestone member, Liberty Hall facies
Location: In northeastern environs of Staunton just east of the Chesapeake and Western Railway tracks; 176-A
Reference: Cooper and Cooper, 1946, p. 100
- 9a Units: Beekmantown formation; Mosheim limestone
Location: East of Staunton and north of the Staunton National Cemetery near the middle of the Staunton Lime Corporation quarry; 176-A
Reference: Edmundson, 1945, p. 109

Section
Number

- 9b Units: Beekmantown formation; Mosheim limestone
Location: East of Staunton and north of the Staunton National Cemetery near the western end of the Staunton Lime Corporation quarry; 176-A
Reference: Edmundson, 1945, p. 109
- 9c Units: New Market limestone; Lincolnshire limestone
Location: East of Staunton and north of the Staunton National Cemetery near the western end of the Staunton Lime Corporation quarry; 176-A
Reference: Cooper and Cooper, 1946, p. 100
- 10a Units: Beekmantown formation; Mosheim limestone; Lenoir limestone
Location: In the eastern environs of Staunton in the Belmont Trap Rock Company quarry; 176-A
Reference: Edmundson, 1945, p. 108
- 10b Units: Mosheim limestone; Lenoir limestone
Location: In the eastern environs of Staunton along a Chesapeake and Western Railway spur line just south of its crossing by State Highway 254; 176-A
Reference: Edmundson, 1945, p. 107
- 11 Units: Beekmantown formation
Location: At Staunton near the depot along the Chesapeake and Ohio Railway tracks; 176-A
Reference: Edmundson, 1945, p. 117
- 12 Units: Beekmantown formation; Lenior limestone
Location: About 2 miles southeast of Staunton on DeJarnette State Sanatorium property; 176-A
Reference: Edmundson, 1945, p. 110
- 13 Units: Beekmantown dolomite
Location: In southwestern environs of Staunton near State Highway 252 in the Staunton municipal quarry; 176-A
Reference: Edmundson, 1945, p. 117-118.
- 14a Units: Conococheague formation
Location: Just south of Staunton city limits extending southward from State Highway 252; 176-A
Reference: Edmundson, 1945, p. 115
- 14b Units: Chepultepec limestone
Location: Just south of Staunton along State Highway 252; 176-A
Reference: Edmundson, 1945, p. 112

Section
Number

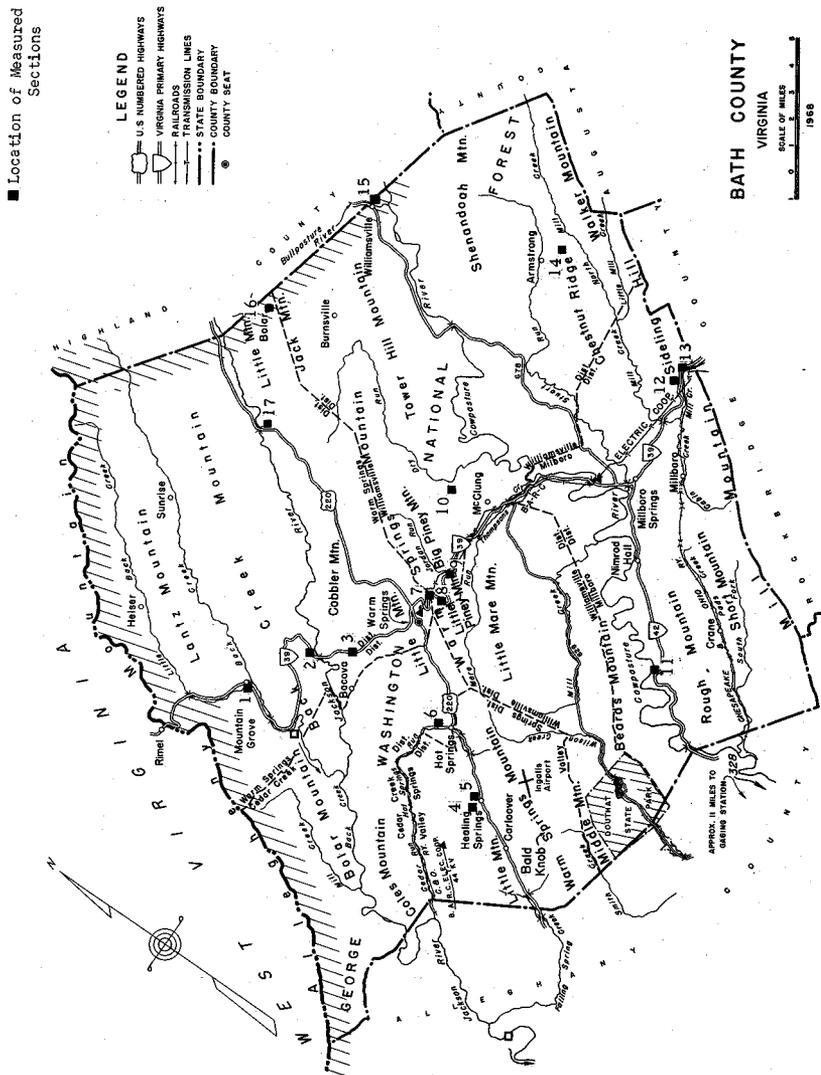
- 15 Units: Mosheim limestone; Lenoir limestone
Location: About 2 miles northeast of Mint Spring near the intersection of U. S. Highway 11 and State Road 654; 176-D
Reference: Edmundson, 1945, p. 111
- 16 Units: New Market limestone; Lincolnshire limestone
Location: About 0.8 mile northeast of Mint Spring and 0.7 mile east of the intersection of U. S. Highway 11 and State Road 654; 176-D
Reference: Cooper and Cooper, 1946, p. 102
- 17a Units: Mosheim limestone; Lenoir limestone
Location: About 3 miles northwest of Stuarts Draft, 0.25 mile southwest of the intersection of State Roads 651 and 652; 176-D
Reference: Edmundson, 1945, p. 124-125
- 17b Units: New Market limestone; Whistle Creek limestone; Lincolnshire limestone
Location: About 2 miles northwest of Stuarts Draft and 1.8 miles northeast of the junction of U. S. Highway 340 and State Road 652 just west of State Road 652; 176-D
Reference: Cooper and Cooper, 1946, p. 101
- 18 Units: New Market limestone; Whistle Creek limestone; Lincolnshire limestone
Location: About 2 miles northeast of Stuarts Draft, 0.25 mile east of the junction of State Roads 608 and 652 in an abandoned quarry; 176-D
Reference: Cooper and Cooper, 1946, p. 101
- 19a Units: Mosheim limestone; Lenoir limestone
Location: About 3 miles northwest of Stuarts Draft and 0.25 mile west of the intersection of State Roads 652 and 654; 176-D
Reference: Edmundson, 1945, p. 123-124
- 19b Units: Beekmantown formation; New Market limestone; Whistle Creek limestone; Lincolnshire limestone
Location: About 3 miles northwest of Stuarts Draft, 1 mile northeast of the junction of State Road 652 and U. S. Highway 340 and west of State Road 652; 176-D
Reference: Cooper and Cooper, 1946, p. 101
- 20 Units: Beekmantown formation; Mosheim limestone; Lenoir limestone
Location: About 4 miles northeast of Greenville about 1000 feet west of and just north of the intersection of State Road 655 and U. S. Highway 340; 176-D
Reference: Edmundson, 1945, p. 123

Section
Number

- 21 Units: New Market limestone; Lincolnshire and Whistle Creek limestones
 Location: About 1 mile northwest of Steeles Tavern just north of the intersection of State Roads 606 and 918 at the Cyrus McCormick Museum; 156-B
 Reference: Edmundson, 1958, p. 57
- 22 Units: Elbrook dolomite; Conococheague limestone
 Location: About 2.5 miles east of Newport along State Road 675; 157-A
 Reference: Edmundson, 1958, p. 107-109
- 23 Units: New Market limestone; Lincolnshire and Whistle Creek limestones
 Location: About 0.5 mile southeast of Summerdean along State Road 603; 177-D
 Reference: Edmundson, 1958, p. 51-52
- 24a Units: New Market limestone; Whistle Creek limestone; Five Oaks (?) limestone; Lincolnshire limestone; Edinburg formation—Botetourt limestone member
 Location: Southwest of McKinley along State Road 602; 177-D
 Reference: Cooper and Cooper, 1946, p. 102
- 24b Units: New Market limestone; Lincolnshire and Whistle Creek limestones
 Location: Southwest of McKinley along State Road 602; 177-D
 Reference: Edmundson, 1958, p. 52
- 25 Units: Edinburg formation; Collierstown limestone
 Location: About 2 miles southwest of the community of Moffatts Creek at the base of Little North Mountain, west of State Road 602; 177-D
 Reference: Cooper and Cooper, 1946, p. 102-103
- 26 Units: Keyser limestone; Coeymans limestone; New Scotland limestone; Licking Creek limestone; Ridgeley sandstone
 Location: About 2 miles southwest of Craigsville along State Road 683; 177-C
 Reference: Edmundson, 1958, p. 76-77
- 27a Units: Lower Helderberg limestone
 Location: Near Craigsville; 177-C
 Reference: Catlett, 1904, p. 460
- 27b Units: Keyser limestone; Coeymans limestone; New Scotland limestone; Port Ewen chert; Port Jervis limestone; Ridgeley sandstone

Section
Number

- Location: Near Fordwick at the quarries of the Lehigh Portland Cement Company; 177-C
Reference: Woodward, 1943, p. 202-203
- 27c Units: Keyser limestone; Coeymans limestone; New Scotland (?) limestone; Licking Creek limestone
Location: About 0.25 mile east of Craigsville near State Road 684 in an inactive quarry; 177-C
Reference: Edmundson, 1958, p. 76
- 28 Units: Keyser limestone; Helderberg group
Location: West of Marble Valley along Claytons Mill Creek; 177-B
Reference: Edmundson, 1958, p. 72
- 29 Units: Brallier shale; Chemung formation; Hampshire formation
Location: About 3 miles northwest of West Augusta along U. S. Highway 250 on the southeast slope of Shenandoah Mountain; 190-D
Reference: Butts, 1940, p. 326-327



Location Map of Bath County

Bath County

Section
Number

- 1a Units: Oriskany; Onondaga; Hamilton; Portage; Chemung
Location: At Mountain Grove along the creek near the post office; 179-C
Reference: Kindle, 1911, p. 347-350
- 1b Units: Oriskany; Onondaga; Marcellus; Hamilton; Portage; Chemung
Location: In the vicinity of Mountain Grove; 179-C
Reference: Kindle, 1912, p. 46
- 2a Units: Lewistown limestone
Location: About 4 miles northwest of Warm Springs along State Highway 39 west of Jackson River; 179-D
Reference: Darton, 1899, p. 4
- 2b Units: Lewistown limestone
Location: West of Warm Springs along State Highway 39 on the first slopes west of the bridge over Jackson River; 179-D
Reference: Bassler, 1909, p. 264
- 2c Units: Tonoloway limestone; Keyser limestone—lower limestone member, Big Mountain shale member, upper limestone member; Coeymans limestone; New Scotland limestone—Healing Springs sandstone member; Shriver (?) chert; Becraft limestone; Ridgeley sandstone
Location: About 4 miles west of Warm Springs along State Highway 39 on the eastern slopes of Back Creek Mountain; 179-D
Reference: Swartz, F. M., 1929, p. 65-66
- 3 Units: Oriskany sandstone; Needmore shale
Location: About 2.7 miles west of Warm Springs along State Highway 39; 179-D
Reference: West Virginia Geological and Economic Survey, 1953, p. 13
- 4a Units: Keyser limestone—lower limestone member, Clifton Forge sandstone member, upper limestone member; Coeymans limestone; New Scotland limestone—Healing Springs sandstone member; Becraft limestone; Ridgeley sandstone
Location: West of Healing Springs in a gap through Little Mountain; 159-A, 159-B
Reference: Swartz, F. M., 1929, p. 67
- 4b Units: Keyser limestone—lower Keyser limestone, Clifton Forge sandstone, upper Keyser limestone; Coeymans limestone; Heal-

Section
Number

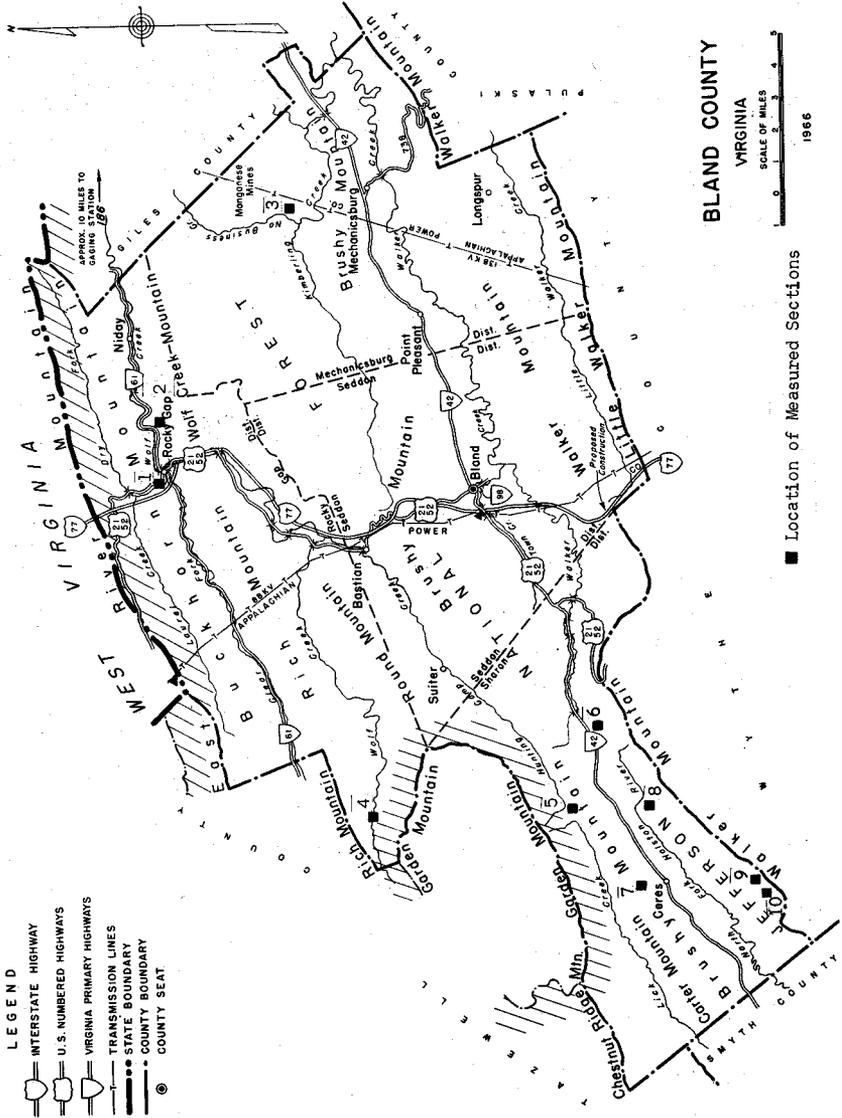
- ing Springs sandstone; Port Ewen limestone; Port Jervis limestone; Ridgeley sandstone
 Location: West of Healing Springs near the west end of the gap through Little Mountain; 159-A, 159-B
 Reference: Woodward, 1943, p. 230-231
- 5a Units: Moccasin-Nealmon formation; Eggleston formation; "Martinsburg" formation
 Location: West of Healing Springs on the south slope of a hill; 159-A
 Reference: Kay, 1956, p. 67
- 5b Units: Ordovician limestone and shale
 Location: In the northwestern environs of Healing Springs village across U. S. Highway 220; 159-A
 Reference: Edmundson, 1958, p. 89
- 6a Units: "Oriskany"; Romney
 Location: Northwest of Hot Springs along the Chesapeake and Ohio Railway tracks; 179-D
 Reference: Williams and Kindle, 1905, p. 41
- 6b Units: Keyser limestone—lower limestone member, Clifton Forge sandstone member, upper limestone member; Coeymans limestone; New Scotland limestone; Becraft limestone; Ridgeley sandstone
 Location: Just northwest of Hot Springs along the Chesapeake and Ohio Railway tracks at the west end of the gap through Little Mountain; 179-D
 Reference: Swartz, F. M., 1929, p. 67
- 7 Units: Juniata formation
 Location: East of Warm Springs along State Highway 39 at the top of Warm Springs Mountain; 179-D
 Reference: Bick, 1962, p. 19
- 8 Units: Clinton formation—Cacapon member, Keefer member
 Location: About 1.5 miles east of Warm Springs on the southeast flank of Warm Springs Mountain along State Highway 39; 179-D
 Reference: Bick, 1962, p. 21
- 9 Units: Clinton formation—Cacapon member, Keefer member
 Location: About 2 miles east of Warm Springs along State Highway 39 on the southeast flank of Little Piney Mountain; 178-C, 179-D
 Reference: Bick, 1962, p. 21-22

Section
Number

- 10 Units: Keyser limestone; Coeymans limestone; New Scotland limestone; Becraft limestone; Ridgeley sandstone; Romney shale
Location: About 2.75 miles northeast of Bath Alum just northwest of State Road 624 bridge over Dry Run; 178-C
Reference: Swartz, F. M., 1929, p. 66
- 11a Units: Keyser limestone; Coeymans limestone; Healing Springs sandstone; Becraft (?) limestone; Port Ewen-Port Jervis formations; Ridgeley sandstone
Location: About 4 miles southwest of Nimrod Hall along State Highway 42; 158-B
Reference: Woodward, 1943, p. 216-217
- 11b Units: Tonoloway limestone; Keyser limestone—lower limestone member, Clifton Forge sandstone member; Coeymans limestone; New Scotland (?) limestone; Licking Creek limestone; Ridgeley sandstone
Location: About 4 miles southwest of Nimrod Hall along State Highway 42 and in an abandoned quarry; 158-B
Reference: Edmundson, 1958, p. 74-75
- 12 Units: Coeymans limestone; New Scotland (?) limestone; Licking Creek limestone; Ridgeley sandstone
Location: About 2.5 miles east of Hotchkiss along State Highway 42 in an inactive quarry; 178-D
Reference: Edmundson, 1958, p. 73-74
- 13a Units: McKenzie limestone; Wills Creek formation; Tonoloway limestone
Location: East of Hotchkiss along State Highways 42 and 39 at the west end of Panther Gap; 178-D
Reference: Bick, 1962, p. 25
- 13b Units: Keyser limestone—lower limestone member, Clifton Forge member, upper limestone member
Location: East of Hotchkiss along State Highways 39 and 42 at the north side of Panther Gap and at the south end of Sideling Hill; 178-D
Reference: Bick, 1962, p. 26
- 14 Units: McKenzie limestone; Wills Creek formation; Tonoloway limestone
Location: Southeast of Armstrong along State Road 640 at the northeast end of Chestnut Ridge; 178-D
Reference: Bick, 1962, p. 24

Section
Number

- 15 Units: Onondaga formation
Location: East of Williamsville just east of the bridge over Bull-pasture River in a roadcut along State Road 614; 178-A
Reference: Bick, 1962, p. 29
- 16 Units: Nealmont-Moccasin formation; Salona formation—Onego ("Oranda") member
Location: About 0.6 mile east of Bolar, north of the Jack Mountain forest road; 178-B
Reference: Kay, 1956, p. 68
- 17 Units: Tonoloway limestone; Keyser limestone—lower limestone member, Big Mountain shale member, upper limestone member; Coeymans limestone; New Scotland limestone—Healing Springs sandstone member
Location: About 3.5 miles southwest of Bolar, just east of the U. S. Highway 220 bridge over the Jackson River on the southern slope of a foothill west of Jacks Mountain; 178-B
Reference: Swartz, F. M., 1929, p. 65



Location Map of Bland County

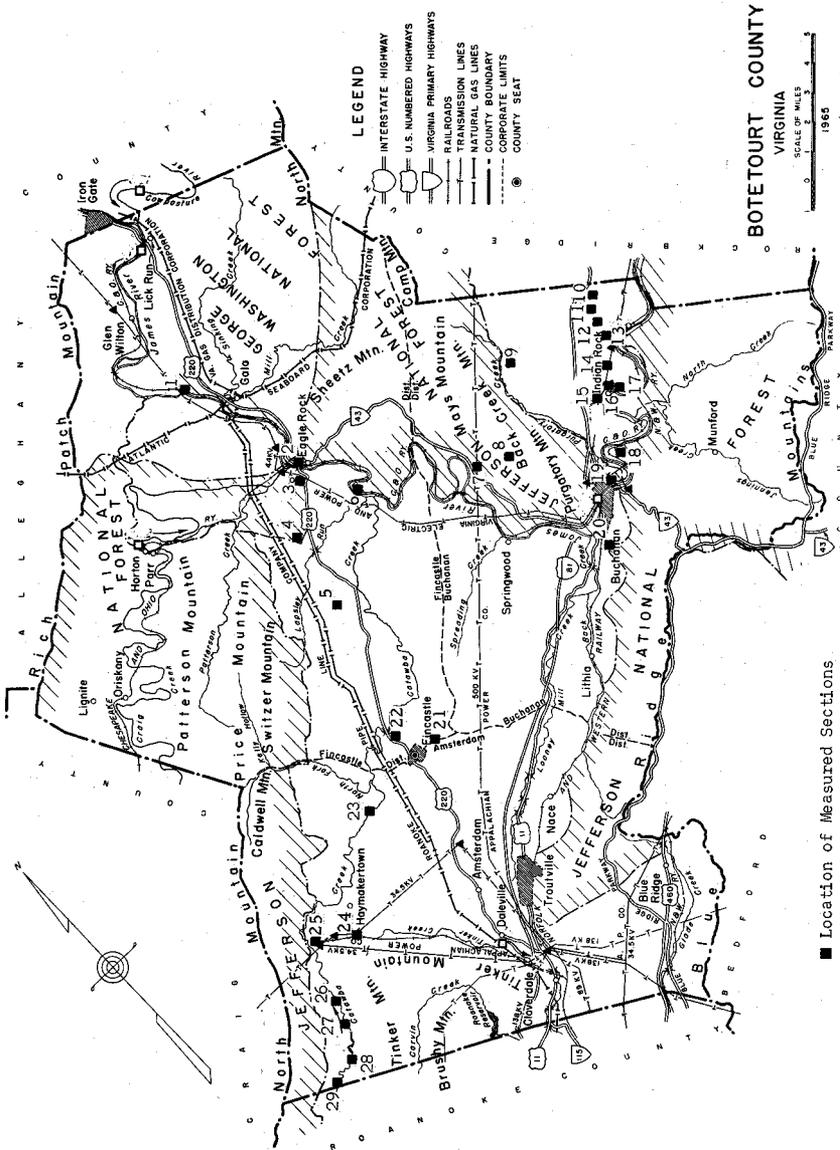
Bland County

Section
Number

- 1a Units: Clinch sandstone; Clinton formation; Clinton formation—
Keefer (?) sandstone member; rocks of Cayuga age; Oriskany
formation
Location: About 0.5 mile northwest and in the vicinity of Rocky
Gap; 84-A, 114-D
Reference: Stose and Miser, 1922, p. 36-37
- 1b Units: Clinton (?) sandstone; Becraft formation; Onondaga for-
mation
Location: About 0.75 mile northwest of Rocky Gap village in the
gorge of Laurel Creek through Buckhorn Mountain in a roadcut
along U. S. Highway 21; 84-A, 114-D
Reference: Butts, 1940, p. 283-284
- 2 Units: Giles formation
Location: About 2 miles east of Rocky Gap at the east end of a
gap; 84-A
Reference: Swartz, F. M., 1929, p. 68-69
- 3 Units: Giles formation
Location: At Holly Brook about 720 feet northeast of the inter-
section of State Roads 606 and 608; 83-B
Reference: Swartz, F. M., 1929, p. 68
- 4 Units: Wills Creek sandstone; Tonoloway limestone
Location: West of Grapefield near Hemppatch Branch along Wolf
Creek; 85-A
Reference: Cooper, 1944b, p. 121-122
- 5 Units: "Chemung" formation
Location: About 2 miles northwest of Sharon Springs along State
Road 623; 85-D
Reference: Cooper, 1944b, p. 140-141
- 6a Units: Whitesburg limestone
Location: Southeast of Sharon Springs east of State Road 621 and
just south of the McNutt quarry; 85-D
Reference: Cooper, 1944b, p. 65
- 6b Units: Effna limestone
Location: Southeast of Sharon Springs in and near the McNutt
quarry; 85-D
Reference: Cooper, 1944b, p. 61

Section
Number

- 6c Units: Blackford formation; Five Oaks limestone; Lincolnshire limestone; Effna limestone; Whitesburg limestone
Location: About 1.5 miles southeast of Sharon Springs at the McNutt quarry; 85-D
Reference: Prouty, 1946, p. 1153
- 7 Units: Benbolt limestone—Shannondale limestone member, Burkes Garden limestone member
Location: About 1 mile north of Ceres; 85-D
Reference: Cooper, 1944b, p. 79
- 8 Units: Athens formation; Peery limestone; Benbolt limestone; Witten limestone; Moccasin formation
Location: About 2 miles southwest of Sharon Springs; 85-D
Reference: Prouty, 1946, p. 1154
- 9 Units: Moccasin formation
Location: South of Ceres along State Road 625 and a contiguous forest road on the northwest side of Walker Mountain; 55-A, 85-D
Reference: Cooper, 1944b, p. 96-97
- 10 Units: Nolichucky shale
Location: About 1.2 miles southwest of Ceres along Page Branch; 85-D
Reference: Cooper, 1944b, p. 21-22



■ Location of Measured Sections

Location Map of Botetourt County

Botetourt County

Section
Number

- 1a Units: Keyser limestone—Clifton Forge sandstone member, upper limestone member; Coeymans limestone; New Scotland formation—Healing Springs sandstone member; Becraft limestone; Ridgeley sandstone
Location: About 1.5 miles northwest of Gala along the Chesapeake and Ohio Railway tracks; 136-A
Reference: Swartz, F. M., 1929, p. 68
- 1b Units: Keyser limestone—lower limestone, Clifton Forge sandstone, upper limestone; Coeymans limestone; Healing Springs sandstone; Port Jervis limestone; Ridgeley sandstone
Location: About 1.5 miles northwest of Gala along the Chesapeake and Ohio Railway tracks; 136-A
Reference: Woodward, 1943, p. 203-204
- 1c Units: Keyser formation—Clifton Forge sandstone member, upper limestone member
Location: About 1.5 miles northwest of Gala along the Chesapeake and Ohio Railway tracks; 136-A
Reference: Lesure, 1957, p. 45
- 1d Units: Licking Creek limestone; Ridgeley sandstone
Location: About 1.5 miles northwest of Gala along the Chesapeake and Ohio Railway tracks; 136-A
Reference: Lesure, 1957, p. 51
- 2 Units: Clinch sandstone; Clinton formation; rocks of Cayuga and possibly of Helderberg age; Oriskany sandstone
Location: At Eagle Rock along the east side of James River Gap on Rathole Mountain; 136-A
Reference: Stose and Miser, 1922, p. 31
- 3a Units: New Market limestone; Lincolnshire limestone; Ordovician limestone
Location: About 1 mile southwest of Eagle Rock, along U. S. Highway 220 and in an inactive quarry; 136-A
Reference: Edmundson, 1958, p. 62
- 3b Units: New Market limestone; Lincolnshire limestone; Effna limestone; Liberty Hall formation—Botetourt limestone member
Location: About 1 mile southwest of Eagle Rock along U. S. Highway 220 in an inactive quarry; 136-A
Reference: Cooper, 1960, p. 44
- 4 Units: New Market limestone; Lincolnshire limestone; Ordovician limestone of uncertain age; Edinburg formation

Section
Number

- Location: About 3.5 miles west of Salisbury and 0.4 mile northwest of the junction of State Roads 681 and 682 along the east side of State Road 682; 136-D
Reference: Edmundson, 1958, p. 62-63
- 5 Units: New Market (?) limestone; Lincolnshire limestone
Location: About 5 miles northeast of Fincastle approximately 1.5 miles northwest of Kyles Mill near U. S. Highway 220; 136-D
Reference: Edmundson, 1958, p. 59
- 6 Units: Elbrook dolomite
Location: About 2.5 miles southeast of Eagle Rock and 0.5 mile west of State Road 688 along the Chesapeake and Ohio Railway tracks and the James River; 136-D
Reference: Edmundson, 1958, p. 110
- 7 Units: Elbrook dolomite
Location: About 2.5 miles northeast of Springwood and 5 miles southeast of Eagle Rock along State Highway 43; 135-C
Reference: Edmundson, 1958, p. 111
- 8 Units: Clinch; Cacapon; Keefer; Helderberg
Location: About 2.4 miles north of Buchanan southwest of Carmell Gap along Penn Branch; 135-C
Reference: Spencer, 1968, p. 33
- 9a Units: New Market limestone; Lincolnshire and Whistle Creek limestones; Edinburg formation—Botetourt limestone member, Liberty Hall facies, Lantz Mills facies, Liberty Hall facies; Collierstown limestone
Location: About 4 miles northwest of Indian Rock approximately 0.5 mile south of the junction of State Roads 622 and 611; 135-C
Reference: Cooper and Cooper, 1946, p. 105-106
- 9b Units: "Holston limestone"; "Chambersburg limestone"
Location: About 4 miles northwest of Indian Rock approximately 0.5 mile south of the junction of State Roads 622 and 611; 135-C
Reference: Woodward, 1951, p. 299-301
- 9c Units: New Market limestone; Whistle Creek and Lincolnshire limestones; Edinburg formation—Botetourt limestone member
Location: About 4 miles northwest of Indian Rock approximately 0.5 mile south of the junction of State Roads 622 and 611; 135-C
Reference: Edmundson, 1958, p. 49

Section
Number

- 9d Units: Edinburg formation; Collierstown limestone
 Location: About 4 miles northwest of Indian Rock approximately 0.5 mile south of the junction of State Roads 622 and 611; 135-C
 Reference: Edmundson, 1958, p. 88
- 10 Units: Beekmantown dolomite; New Market limestone; Lincolnshire limestone; Edinburg formation—Botetourt limestone member
 Location: About 2 miles north-northeast of Rocky Point near the Rockbridge-Botetourt county line approximately 500 feet southeast of U. S. Highway 11; 135-D
 Reference: Edmundson, 1958, p. 30
- 11 Units: Beekmantown dolomite; New Market limestone; Lincolnshire limestone; Edinburg formation
 Location: About 1.5 miles northeast of Rocky Point along State Road 610 and on the hill about 100 yards northeast of Roaring Run; 135-D
 Reference: Edmundson, 1958, p. 31-32
- 12 Units: New Market limestone; Lincolnshire limestone; Edinburg formation
 Location: About 1 mile north of Rocky Point in the Liberty Limestone Corporation quarry; 135-D
 Reference: Edmundson, 1958, p. 32
- 13a Units: Beekmantown dolomite; "Lower Stones River limestone"; "Mosheim limestone"; "Lenoir limestone"
 Location: About 0.5 mile northwest of Rocky Point along and north of State Road 622; 135-D
 Reference: Woodward, 1951, p. 299, 301
- 13b Units: Beekmantown dolomite; New Market limestone; Lincolnshire limestone
 Location: About 0.5 mile northwest of Rocky Point along and north of State Road 622; 135-D
 Reference: Edmundson, 1958, p. 33-34
- 14 Units: New Market limestone; Lincolnshire limestone
 Location: About 1.25 miles northeast of Indian Rock and 0.75 mile southwest of State Road 622 in an abandoned quarry; 135-D
 Reference: Edmundson, 1958, p. 35
- 15 Units: Chepultepec limestone; Beekmantown formation
 Location: Between U. S. Highway 11 and Indian Rock along State Road 608; 135-C
 Reference: Edmundson, 1958, p. 93-94

Section
Number

- 16 Units: Elbrook dolomite
Location: South of Indian Rock along the Chesapeake and Ohio Railway tracks and State Road 614; 135-C
Reference: Edmundson, 1958, p. 105-106
- 17 Units: Waynesboro formation
Location: About 0.25 mile southeast of Indian Rock along the Chesapeake and Ohio Railway tracks; 135-C
Reference: Edmundson, 1958, p. 98
- 18a Units: Shady dolomite; Waynesboro formation
Location: About 1.5 miles northeast of Buchanan and approximately 500 feet northeast of the James River Hydrate and Supply Company quarry; 135-C
Reference: Edmundson, 1958, p. 82-83
- 18b Units: Shady dolomite; Waynesboro formation
Location: About 2 miles northeast of Buchanan along the Norfolk and Western Railway tracks; 135-C
Reference: Edmundson, 1958, p. 82
- 19a Units: Shady dolomite; Rome formation
Location: About 1 mile east of Buchanan on the north side of the James River along the Chesapeake and Ohio Railway tracks; 135-C
Reference: Butts, 1940, p. 61
- 19b Units: Waynesboro formation
Location: About 0.5 mile northeast of Buchanan along the Chesapeake and Ohio Railway tracks; 135-C
Reference: Edmundson, 1958, p. 97
- 20 Units: Shady dolomite
Location: About 1 mile southwest of Buchanan and 0.5 mile east of the Norfolk and Western Railway tracks; 135-C
Reference: Edmundson, 1958, p. 84
- 21 Units: New Market limestone; Lincolnshire limestone
Location: About 1 mile east of Fincastle along State Road 630; 136-D
Reference: Edmundson, 1958, p. 60
- 22a Units: Athens shale
Location: About 1.5 miles north of Fincastle along the east side of U. S. Highway 220; 136-C
Reference: Decker, 1952, p. 62

Section
Number

- 22b Units: Tellico sandstone
 Location: About 1.5 miles north of Fincastle along the east side of U. S. Highway 220; 136-C
 Reference: Kellberg and Grant, 1956, p. 699-700
- 23 Units: Beekmantown dolomite; New Market limestone; Lincolnshire limestone
 Location: About 2 miles west of Fincastle, just west of State Road 670 near the bridge over Catawba Creek; 109-B
 Reference: Edmundson, 1958, p. 59-60
- 24 Units: Five Oaks limestone; Lincolnshire limestone; Effna limestone
 Location: About 0.5 mile northwest of Mt. Union near State Road 779; 109-B
 Reference: Cooper, 1944a, p. 79
- 25 Units: Five Oaks limestone; Effna limestone
 Location: About 0.5 mile west of Lone Star near State Road 779; 109-B, 110-A
 Reference: Cooper, 1944a, p. 80
- 26 Units: Five Oaks limestone; Lincolnshire limestone; Effna limestone; Whitesburg limestone
 Location: About 2 miles southwest of Lone Star near State Road 779 and Catawba Creek; 110-A
 Reference: Cooper, 1944a, p. 78
- 27 Units: Five Oaks limestone; Lincolnshire limestone; Effna limestone
 Location: About 2.5 miles southwest of Lone Star south of State Road 779 and Catawba Creek; 110-A
 Reference: Cooper, 1944a, p. 76
- 28 Units: Five Oaks limestone; Lincolnshire limestone; Effna limestone
 Location: About 4 miles southwest of Lone Star near State Road 779 and Catawba Creek; 110-A
 Reference: Cooper, 1944a, p. 75
- 29 Units: Five Oaks limestone
 Location: About 4.5 miles southwest of Lone Star along State Road 779 at the Roanoke-Botetourt county line; 110-A
 Reference: Cooper, 1944a, p. 75

Buchanan County

Section
Number

- 1 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 8 miles northeast of Kelsa and approximately 0.5 mile northeast of Ainwick (West Virginia) south up the spur to the low knob on the State boundary; 139-C
Reference: Hinds, 1918, p. 52-53
- 2 Units: Wise formation
Location: About 5.8 miles north of Blackey from Upper Elk Creek, 1800 feet from its head, north up the hollow to the ridge and then north along the State boundary to a knob; 117-B, 118-A
Reference: Hinds, 1918, p. 52
- 3 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 3 miles northwest of Hurley from Knox Creek at the mouth of Sulphur Creek northeast up a spur; 118-A
Reference: Hinds, 1918, p. 51
- 4 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 3.5 miles northeast of Big Rock along Rocklick Creek and Dicks Branch; 118-B
Reference: Hinds, 1918, p. 46-47
- 5 Units: Norton formation; Gladeville sandstone; Wise formation
Location: West of Big Rock 3500 feet northwest of Rocklick Creek from Levisa Fork north up the spur to a knob; 118-C
Reference: Hinds, 1918, p. 45-46
- 6 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 1.5 miles south of Conaway southwestward along State Road 610 and then south to the head of Jim Belcher Fork; 118-C
Reference: Hinds, 1918, p. 29
- 7 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 3.5 miles northeast of Breaks nearly along the State boundary northeastward along Abes Fork of Grassy Creek; 119-D
Reference: Hinds, 1918, p. 28-29
- 8 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 2.5 miles west of Harmon eastward along State Road 609 to the head of Hunts Creek; 118-C, 119-D
Reference: Hinds, 1918, p. 28

Section
Number

- 9 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 1 mile west of Prater from Russell Prater Creek north to the top of the ridge; 88-B
Reference: Hinds, 1918, p. 27
- 10 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 2.25 miles northeast of Prater, northeastward from Russell Prater Creek to the high knob northwest of Poplar Gap; 88-B
Reference: Hinds, 1916, p. 29
- 11 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 2.5 miles southeast of Harman Junction from Poplar Creek up Joe Branch and then south to the top of the ridge; 118-C
Reference: Hinds, 1918, p. 30
- 12 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 1.7 miles east-southeast of Harman Junction from Levisa Fork, 2000 feet south of the mouth of Looney Creek, up the hollows to the west and north; 118-C
Reference: Hinds, 1918, p. 30-31
- 13 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 5.25 miles northeast of Grundy from Lynn Camp Creek up a path to the south for 1800 feet and then west up a hollow; 118-D
Reference: Hinds, 1918, p. 44-45
- 14 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 1.7 miles east of Home Creek along State Road 642 from Elkins Branch to Left Fork of Lester Fork; 118-D
Reference: Hinds, 1918, p. 48
- 15 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 3.5 miles southwest of Hurley from the forks near the head of Wolfpen Branch of Lester Fork south up the spur to a knob; 118-A
Reference: Hinds, 1918, p. 47
- 16 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 0.75 mile southeast of Hurley to the south of Knox Creek up a hollow and spur; 118-A
Reference: Hinds, 1918, p. 48-49

Section
Number

- 17 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 4 miles northeast of Blackey from Left Fork of
Guess Fork up the hollow to the south; 117-B
Reference: Hinds, 1918, p. 50-51
- 18 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 3.7 miles east of Blackey approximately 2000 feet
west of the West Virginia boundary from near the head of Right
Fork of Guess Fork up the spur to the north; 117-B
Reference: Hinds, 1918, p. 50
- 19 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 4 miles east of Stacy from Slate Creek north up
the spur between Bee and Nighway branches; 117-C
Reference: Hinds, 1918, p. 43
- 20 Units: Norton formation; Gladeville sandstone
Location: About 1 mile southeast of Wolford east of State Road
643 along an abandoned railroad grade to the head of the valley
of Right Fork, and then up the hill to the east; 117-C
Reference: Hinds, 1918, p. 49-50
- 21 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 3.5 miles northeast of Grundy from Slate Creek
northward up Enochs Branch about 0.75 mile and then up the
ravine to the northwest; 118-D
Reference: Hinds, 1918, p. 43-44
- 22 Units: Norton formation
Location: At Tookland opposite the mouth of Little Prater Creek
up the spur to the northeast from the fork of U. S. Highway 460
and State Road 617; 118-D
Reference: Hinds, 1916, p. 32
- 23 Units: Norton formation
Location: Just east of Deel from Levisa Fork near the mouth of
Bens Branch up the spur to the north; 88-A
Reference: Hinds, 1916, p. 31-32
- 24 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 1.5 miles southwest of Vansant from the mouth
of Big Lick Branch of Trace Fork of Prater Creek northwest
along State Highway 83 to the gap and then up the spur to the
north; 88-A, 88-B
Reference: Hinds, 1916, p. 33

Section
Number

- 25 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 1 mile southwest of Leemaster along State Road 619 to the gap and then up the spur to the west; 88-B
Reference: Hinds, 1916, p. 33-34
- 26 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 2 miles east of Cannady from Fox Creek, 1 mile east of the mouth of Left Fork, up the spur to the northwest; 88-B
Reference: Hinds, 1916, p. 30
- 27 Units: Norton formation
Location: About 1 mile southeast of Cannady from Russell Fork, at the mouth of Fox Creek, up the spur to the southeast; 88-B
Reference: Hinds, 1918, p. 26
- 28 Units: Norton formation
Location: About 5.25 miles south-southeast of Vansant from the mouth of Indian Grave Branch, 0.25 mile southeast along State Road 620, and then up the spur to the northeast; 88-A
Reference: Hinds, 1916, p. 34
- 29 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 2 miles southwest of Oakwood along State Road 627 northwest to the gap and then south along Baldwin Mountain; 88-A
Reference: Hinds, 1916, p. 34-35
- 30 Units: Norton formation
Location: From about 1 mile northwest of Oakwood, southeastward along U. S. Highway 460 for 0.5 mile and then north up a spur of Mill Branch Ridge; 87-B, 88-A
Reference: Hinds, 1916, p. 31
- 31 Units: Norton formation
Location: At Oakwood at the mouth of Garden Creek from Levisa Fork up the spur to the northeast; 88-A
Reference: Hinds, 1918, p. 36-37
- 32 Units: Norton formation
Location: About 3 miles northwest of Grimsleyville from Contrary Creek, 2000 feet north of Levisa Fork, northwest to the top of the ridge; 87-B
Reference: Hinds, 1918, p. 35-36

Section
Number

- 33 Units: Norton formation; Gladeville sandstone; Wise formation
 Location: South from Pilgrim Knob along State Road 628 to Bill Young gap and then northwest along State Road 629; 87-B
 Reference: Hinds, 1918, p. 38
- 34 Units: Norton formation
 Location: Near Whitewood from Laurel Fork up the hill to the northwest; 87-A
 Reference: Hinds, 1918, p. 39
- 35 Units: Norton formation
 Location: About 2.5 miles west of Jewell Valley from Dismal Creek about halfway between Mill and Betsy branches southeast to the top of the ridge; 87-A
 Reference: Hinds, 1918, p. 37
- 36 Units: Norton formation
 Location: About 1.5 miles southwest of Height from Mill Branch up the hill to the northeast to the top of Brushytop Ridge; 117-D
 Reference: Hinds, 1918, p. 41
- 37 Units: Norton formation
 Location: About 3 miles south of Jewell Valley from a drillhole near the head of Seng Camp Fork up the spur to the southeast to a knob; 87-A
 Reference: Hinds, 1918, p. 40-41
- 38 Units: Norton formation
 Location: About 1.5 miles northeast of Grimsleyville from Hurricane Branch of Laurel Fork, 1 mile north of Wolfpen Knob, up the spur to the east; 87-A
 Reference: Hinds, 1918, p. 39-40
- 39 Units: Norton formation
 Location: About 2 miles east of Clell along State Road 634 from the mouth of Pistol Branch southward to Pistol Gap and then west on Sandy Ridge to a knob; 87-B
 Reference: Hinds, 1918, p. 35
- 40 Units: Norton formation (Note: typographical error in text, labeled as Wise formation)
 Location: About 1.5 miles southeast of Rowe southward along State Road 624 near the upper part of Right Fork of Garden Creek to the gap, and then westward along the path up the spur to the top of the ridge; 88-A, 88-D
 Reference: Hinds, 1916, p. 35-36

41 Units: Norton formation

Location: About 2.4 miles northwest of Council from Hurricane Creek at the mouth of Rockhouse Branch up the spur to the northeast; 88-D

Reference: Hinds, 1916, p. 27-28

42 Units: Norton formation

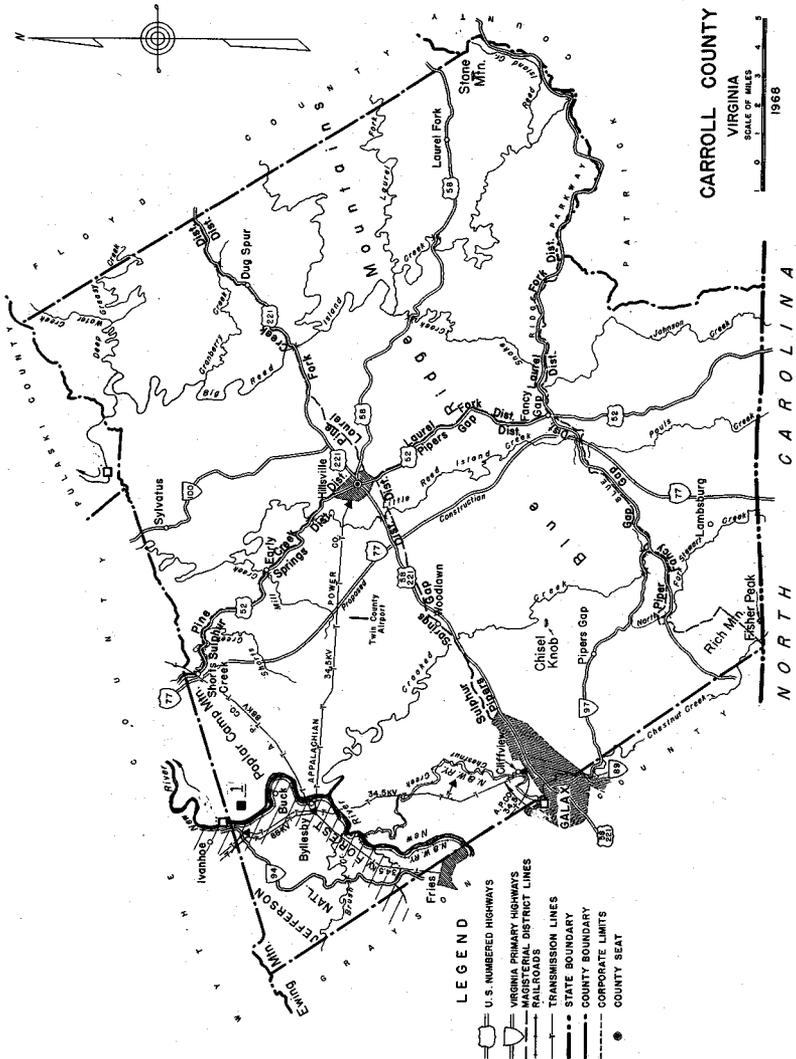
Location: From Council north along State Road 623 to the top of the ridge; 88-D

Reference: Hinds, 1916, p. 26-27

43 Units: Lee formation; Norton formation

Location: About 1.5 miles southeast of Duty and 0.5 mile northeast of the mouth of Three Forks along a spur of Indian Ridge; 88-C

Reference: Hinds, 1916, p. 26



Location Map of Carroll County

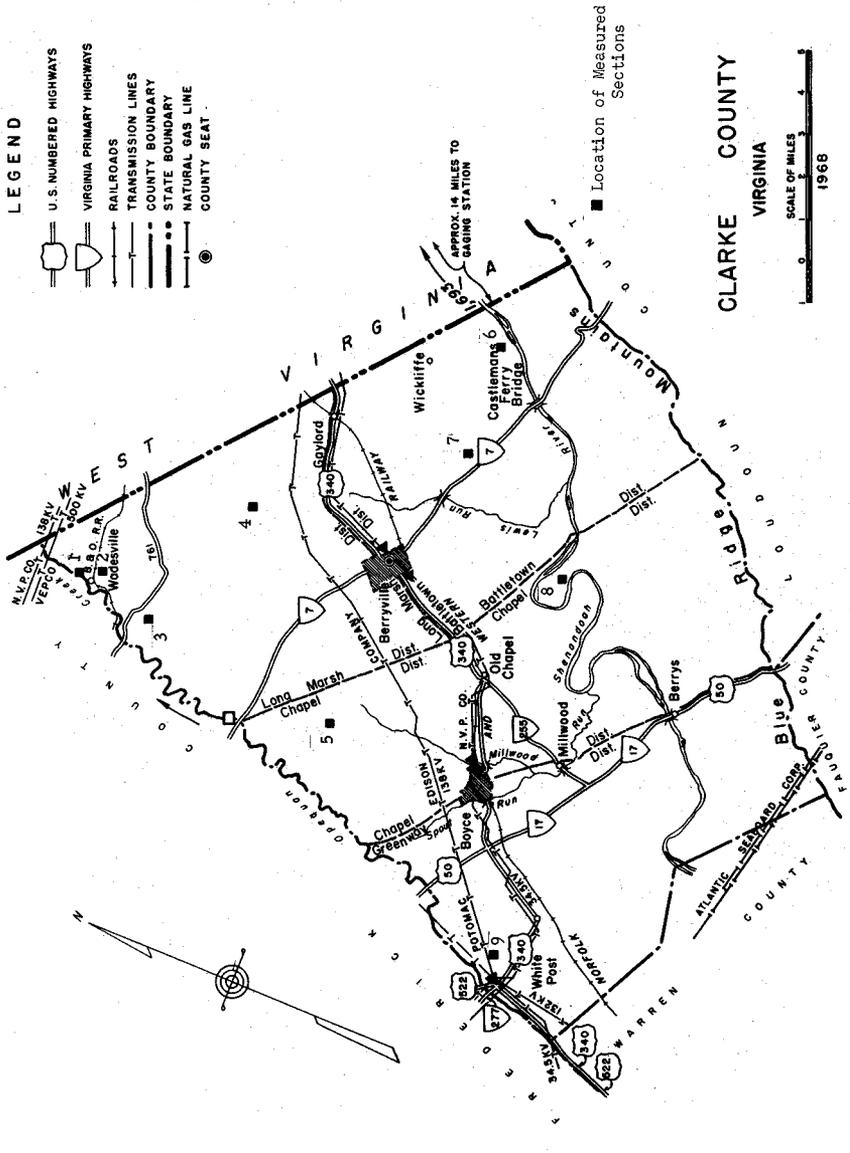
Carroll County

Section
Number

1 Units: Shady dolomite—Patterson limestone member

Location: About 2.5 miles southwest of Austinville near State Road
636; 53-C

Reference: Currier, 1935, p. 19



Location Map of Clarke County

Clarke County

Section
Number

- 1 Units: Mosheim limestone; Lenoir limestone
 Location: Wadesville, about 200 yards north of State Road 661 and 100 yards northeast of the Baltimore and Ohio Railroad tracks; 217-A
 Reference: Edmundson, 1945, p. 176
- 2a Units: Chambersburg formation
 Location: From about 0.5 mile east of Wadesville to Opequon Creek along State Road 661; 217-A
 Reference: Bassler, 1907, p. 114
- 2b Units: Chambersburg formation
 Location: In the vicinity of Wadesville, section extends from about 0.5 mile east of Wadesville westward to Opequon Creek; 217-A
 Reference: Bassler, 1909, p. 74
- 3a Units: Mosheim limestone
 Location: About 1.5 miles southwest of Wadesville and 1000 feet south of State Road 761; 217-A
 Reference: Edmundson, 1945, p. 176
- 3b Units: Athens formation; Chambersburg limestone
 Location: About 1.5 miles southwest of Wadesville and 1000 feet south of State Road 761; 217-A
 Reference: Edmundson, 1945, p. 179
- 3c Units: New Market limestone; Lincolnshire limestone; Edinburg limestone—Liberty Hall facies, Lantz Mill facies, Liberty Hall facies, Lantz Mill facies, Liberty Hall facies, Lantz Mill facies
 Location: About 1.7 miles S. 10° W. of Wadesville and 500 feet south of State Road 761; 217-A
 Reference: Cooper and Cooper, 1946, p. 93-94
- 3d Units: New Market limestone; Lincolnshire limestone
 Location: About 1.7 miles S. 10° W. of Wadesville in a pasture about 500 feet south of State Road 761; 217-A
 Reference: Neuman, 1951, p. 308
- 4 Units: Beekmantown formation
 Location: About 3.5 miles north of Berryville along State Road 639; 216-B
 Reference: Edmundson, 1945, p. 185

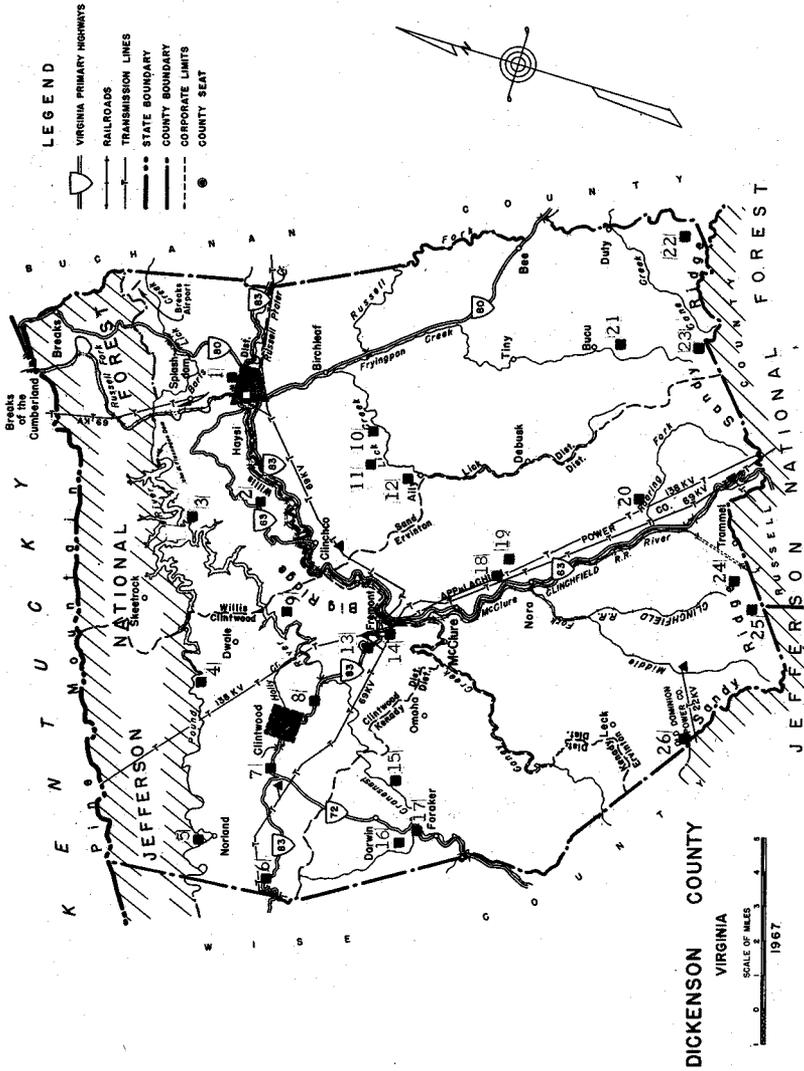
Section
Number

- 5 Units: Mosheim limestone
Location: About 2.5 miles southeast of Burning Knolls and about 1.5 miles east of Opequon Creek along State Road 657; 217-A
Reference: Edmundson, 1945, p. 177
- 6 Units: Tomstown dolomite
Location: Southeast of Berryville, 1.5 miles northeast of Castleman Ferry Bridge and about 0.25 mile south of the Holy Cross Monastery; 216-B
Reference: Edmundson, 1945, p. 180
- 7 Units: Tomstown dolomite
Location: About 3.5 miles southeast of Berryville and 0.3 mile north of State Highway 7; 216-B
Reference: Edmundson, 1945, p. 181
- 8a Units: Tomstown dolomite; Waynesboro formation
Location: About 3.25 miles southeast of Paris in the north bluff of Shenandoah River; 216-C
Reference: Edmundson, 1945, p. 183
- 8b Units: Tomstown dolomite; Waynesboro formation
Location: About 3.5 miles southeast of Paris in the north bluff of Shenandoah River; 216-C
Reference: Edmundson, 1945, p. 182
- 9 Units: Beekmantown formation
Location: About 1.5 miles northwest of White Post along State Road 646; 217-C, 217-D
Reference: Edmundson, 1945, p. 185

Craig County

Section
Number

- 1 Units: Tonoloway limestone; Keyser limestone; Healing Springs sandstone; Port Ewen (?) chert; Port Jervis limestone (Rocky Gap sandstone); Ridgely sandstone
Location: About 1 mile southeast of Paint Bank along State Highway 311; 138-D
Reference: Woodward, 1943, p. 232-233
- 2 Units: Middle Ordovician limestone; Moccasin facies of the Trenton; Trenton limestone and shale
Location: About 2 miles due south of Paint Bank along State Highway 311 and up a small hill north of the road; 138-D
Reference: Woodward, 1951, p. 314-316
- 3 Units: Tonoloway limestone—lower member, upper member; Keyser formation; Keyser (?) formation; Devonian shale
Location: About 1 mile northwest of New Castle in Johns Creek gorge; 137-C
Reference: Weinberg and others, 1963, p. 67-68
- 4 Units: Juniata formation; Tuscarora sandstone; Rose Hill formation; "Keefer" sandstone; Tonoloway (?) limestone; Keyser formation
Location: Approximately 1 mile southwest of New Castle along State Highway 42; 110-B
Reference: Weinberg and others, 1963, p. 69-70
- 5a Units: Becraft formation; Onondaga limestone
Location: About 1 mile south of New Castle along State Highway 311; 110-A
Reference: Butts, 1940, p. 282
- 5b Units: Helderberg limestone; Huntersville (?) chert
Location: About 0.9 mile south of New Castle along State Highway 311 in an abandoned quarry; 110-A
Reference: Weinberg and others, 1963, p. 65-66



Location Map of Dickenson County

Dickenson County

Section
Number

- 1 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 0.5 mile northeast of the intersection of State highways 80 and 83 at Haysi; from Russell Prater Creek up the spur to the north and west; 89-A
Reference: Giles, 1921, p. 32-33
- 2 Units: Norton formation; Gladeville sandstone; Wise formation
Location: Near Tarpon eastward from the knob on Big Ridge along State Road 607 to the McClure River; 89-A
Reference: Hinds, 1916, p. 21
- 3 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 3.7 miles west-northwest of Haysi, from the mouth of Cranes Nest River eastward along State Road 614 to its intersection with State Road 616; 89-A, 89-B
Reference: Hinds, 1916, p. 18-19
- 4 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 2.5 miles northeast of Clintwood from the mouth of Jerrys Branch at Pound River up the spur to the west; 89-B
Reference: Hinds, 1916, p. 18
- 5 Units: Gladeville sandstone; Wise formation
Location: North from Norland along State Road 624; 90-A
Reference: Giles, 1921, p. 20
- 6 Units: Wise formation
Location: About 2 miles southwest of Norland along State Highway 83 from the Wise County line eastward for 1.5 miles in the valley of Georges Creek; 90-A
Reference: Wanless, 1946, p. 73-74
- 7 Units: Gladeville sandstone; Wise formation
Location: From 1 mile west of Clintwood along State Highway 83 west to Georges Fork; 89-B
Reference: Giles, 1921, p. 20
- 8 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 0.5 mile southeast of Clintwood along State Highway 83 from the crest of Baker Ridge to Cranes Nest River; 89-B
Reference: Giles, 1921, p. 19

Section
Number

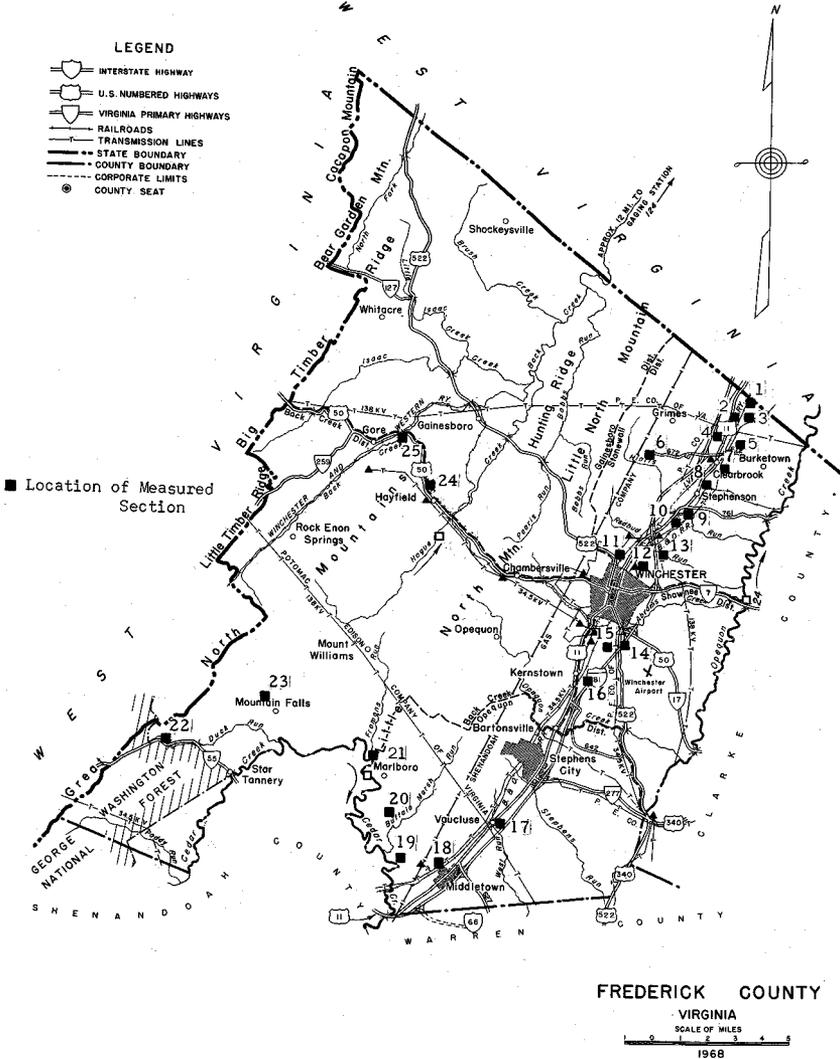
- 9 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 3 miles east of Clintwood from the mouth of Poplar Branch on Cranes Nest River southeast to the crest of Big Ridge; 89-B
Reference: Giles, 1921, p. 18
- 10 Units: Norton formation; Gladeville sandstone
Location: About 4 miles south of Haysi and 2 miles northeast of Counts, 0.5 mile from the confluence of Linn Branch and Lick Creek up the trail to the north towards Martha Gap; 89-A
Reference: Hinds, 1916, p. 24
- 11 Units: Norton formation
Location: About 4 miles southwest of Haysi along State Road 664 from Lick Creek to Carve Beech Gap; 89-A
Reference: Giles, 1921, p. 31
- 12 Units: Norton formation
Location: About 0.25 mile north of Aily up the spur to the west to the top of the hill; 89-D
Reference: Giles, 1921, p. 30-31
- 13 Units: Norton formation
Location: About 3 miles southeast of Clintwood along State Highway 83 westward from Bearpen Gap for 1 mile; 89-B
Reference: Giles, 1921, p. 21-22
- 14 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 1.5 miles northwest of McClure from McClure River near Big Branch to Bearpen Gap and then south on Big Ridge; 89-B, 89-C
Reference: Hinds, 1916, p. 21-22
- 15 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 1.5 miles southeast of Darwin, eastward along Rockhouse Branch from a point about 1 mile southeast of its mouth to the intersection of State Roads 637 and 649; 89-C
Reference: Giles, 1921, p. 23
- 16 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 1 mile southwest of Darwin along State Highway 72 from Cranes Nest River to the top of the hill west of Hibbits Gap; 89-C
Reference: Hinds, 1916, p. 19-20

Section
Number

- 17 Units: Pennington shale; Lee formation; Norton formation
 Location: About 1.2 miles south of Darwin, along Cranes Nest River, below the mouth of Lick Fork; 89-C
 Reference: Eby, Campbell, and Stose, 1923, p. 111-114
- 18 Units: Norton formation
 Location: About 0.75 mile north of Nora at the mouth of Buffalo Creek up the spur to the northeast; 89-D
 Reference: Hinds, 1916, p. 23-24
- 19 Units: Norton formation; Gladeville sandstone
 Location: About 1 mile northeast of Nora at the sharp bend in Buffalo Creek, 1 mile east of its mouth, up the spur to the west and north; 89-D
 Reference: Hinds, 1916, p. 23
- 20 Units: Norton formation; Gladeville sandstone; Wise formation
 Location: About 1.25 miles southeast of Wakenva along State Road 656 from its junction with State Highway 63 and up Bear Ridge along an unimproved road; 89-D
 Reference: Hinds, 1916, p. 22-23
- 21 Units: Norton formation
 Location: About 0.75 mile south of Bucu up a trail to the east and southeast from Fryingpan Creek and State Road 600; 88-C
 Reference: Hinds, 1916, p. 24-25
- 22 Units: Norton formation
 Location: About 4 miles southeast of Bucu along the road from Cane Gap southwest to the top of Sandy Ridge; 88-C
 Reference: Hinds, 1916, p. 25-26
- 23 Units: Norton formation; Gladeville sandstone
 Location: At Carrie, southward along State Road 618 and eastward along State Road 600; 88-C
 Reference: Hinds, 1916, p. 36
- 24a Units: Norton formation; Gladeville sandstone; Wise formation
 Location: North from West Dante to Austin Gap in Sandy Ridge, then west up Sandy Ridge; 59-A
 Reference: Giles, 1921, p. 26
- 24b Units: Norton formation; Gladeville sandstone
 Location: Northwest from Dante (Russell County) to Austin Gap (Dickenson County) and then west to the knob on Sandy Ridge; 59-A
 Reference: Wentworth, 1922, p. 25

**Section
Number**

- 25 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 1 mile west of West Dante eastward from State Road 650 along an unimproved road and trail to Left Fork of Lick Creek; 59-A
Reference: Giles, 1921, p. 25
- 26 Units: Norton formation; Gladeville sandstone; Wise formation
Location: Just northeast of Herald eastward along a light-duty road from its junction with State Road 652 to Middle Fork and then up the spur to the north; 59-B
Reference: Giles, 1921, p. 23-24



Location Map of Frederick County

Frederick County

Section
Number

- 1a Units: Mosheim limestone
Location: About 0.5 mile east of Rest near the Virginia-West Virginia line; 223-D
Reference: Edmundson, 1945, p. 23
- 1b Units: New Market limestone; Lincolnshire limestone; Edinburg formation—Liberty Hall facies, Lantz Mills facies; Oranda formation
Location: Near Rest about 0.5 mile east of U. S. Highway 11; 223-D
Reference: Cooper and Cooper, 1946, p. 92
- 1c Units: New Market limestone
Location: About 0.5 mile east of U. S. Highway 11 at Rest, in an orchard north of a farmhouse, just east of the Pennsylvania Railroad tracks; 223-D
Reference: Neuman, 1951, p. 308
- 2 Units: New Market limestone
Location: About 0.7 mile south-southwest of Rest, about 0.3 mile southeast of U. S. Highway 11 in a pasture; 223-D
Reference: Neuman, 1951, p. 308
- 3 Units: Lenoir limestone; Chambersburg limestone
Location: About 0.75 mile southeast of Rest, and 100 yards north-east of State Road 669 to the east of the Pennsylvania Railroad tracks; 223-D
Reference: Edmundson, 1945, p. 30
- 4 Units: Beekmantown formation
Location: About 1.5 miles southwest of Rest; 223-D
Reference: Edmundson, 1945, p. 36
- 5 Units: Mosheim limestone
Location: About 1 mile northeast of Clearbrook along State Road 671; 223-D
Reference: Edmundson, 1945, p. 24
- 6a Units: Elbrook formation; Conococheague limestone
Location: About 1.75 miles southeast of Cedar Grove along State Road 672; 223-C
Reference: Edmundson, 1945, p. 33-34

Section
Number

- 6b Units: Elbrook limestone; Conococheague limestone
Location: About 1.75 miles southeast of Cedar Grove along State Road 672; 223-C
Reference: Woodward, 1949, p. 185-186
- 7 Units: Beekmantown formation; Mosheim limestone
Location: About 0.4 mile southeast of Clearbrook; 223-D
Reference: Edmundson, 1945, p. 24
- 8 Units: Beekmantown formation; Mosheim limestone
Location: About 0.4 mile northeast of Stephenson and about 500 feet east of U. S. Highway 11; 217-A
Reference: Edmundson, 1945, p. 25
- 9 Units: New Market limestone
Location: About 1 mile southwest of Stephenson, just south of State Road 761 and west of the Baltimore and Ohio Railroad tracks; 217-A
Reference: Neuman, 1951, p. 308
- 10a Units: Mosheim limestone; Lenoir limestone
Location: About 1 mile southwest of Stephenson and about 1000 feet southeast of U. S. Highway 11 along State Road 838; 217-A
Reference: Edmundson, 1945, p. 25
- 10b Units: New Market limestone; Lincolnshire limestone
Location: About 1 mile southwest of Stephenson, just north of State Road 838 along Hiatt Run in a pasture about 1000 feet east of U. S. Highway 11; 217-A
Reference: Neuman, 1951, p. 307-308
- 11 Units: Chepultepec limestone
Location: About 0.5 mile north of Winchester along the southwest slope of Star Fort Hill; 217-B
Reference: Edmundson, 1945, p. 29
- 12 Units: Mosheim limestone
Location: About 0.5 mile northeast of Winchester and 1 mile east of U. S. Highway 11; 217-B
Reference: Edmundson, 1945, p. 26
- 13 Units: New Market limestone; Lincolnshire limestone
Location: About 2.2 miles northeast of the center of Winchester and about one mile east of U. S. Highway 11 along the south bank of Redbud Run; 217-B
Reference: Neuman, 1951, p. 307

Section
Number

- 14 Units: New Market limestone
Location: About 0.5 mile south-southeast of the junction of U. S. Highways 50 and 522 at the southern city limits of Winchester; 217-B
Reference: Neuman, 1951, p. 307
- 15 Units: New Market limestone; Lincolnshire limestone
Location: About 1 mile south of the southern city limits of Winchester about 500 feet northeast of the America Brakeblock Company plant; 217-B
Reference: Neuman, 1951, p. 307
- 16a Units: Mosheim limestone
Location: About 0.5 mile southeast of Kernstown, along State Road 652; 217-B
Reference: Edmundson, 1945, p. 26
- 16b Units: Lenoir limestone; Chambersburg limestone
Location: About 0.5 mile southeast of Kernstown, along State Road 652; 217B
Reference: Edmundson, 1945, p. 31
- 16c Units: New Market limestone; Lincolnshire limestone
Location: About 0.6 mile southeast of Kernstown in a pasture on the north side of State Road 652; 217-B
Reference: Neuman, 1951, p. 306
- 17a Units: Mosheim limestone
Location: At Vaucluse, along U. S. Highway 11; 217-C
Reference: Edmundson, 1945, p. 27
- 17b Units: Lenoir limestone; Chambersburg limestone
Location: At Vaucluse along U. S. Highway 11; 217-C
Reference: Edmundson, 1945, p. 31-32
- 17c Units: New Market limestone; Lincolnshire limestone; Edinburg formation—Lantz Mills facies, Liberty Hall facies, Lantz Mills facies; Oranda formation
Location: Near Vaucluse east of U. S. Highway 11; 217-C
Reference: Cooper and Cooper, 1946, p. 93
- 18a Units: Ordovician rocks
Location: In Middletown west from the depot along State Road 627; 218-D
Reference: Bassler, 1907, p. 107

Section
Number

- 18b Units: Stones River formation; Chambersburg formation; Martinsburg shale
Location: From the depot at Middletown west along the street; 218-D
Reference: Bassler, 1909, p. 72
- 19 Units: Mosheim limestone
Location: About 1.5 miles northwest of Middletown in a quarry; 218-D
Reference: Edmundson, 1945, p. 28
- 20 Units: Chepultepec and Stonehenge limestones; Beekmantown formation
Location: Two to 3 miles northwest of Middletown, along State Road 627; 218-D
Reference: Butts, 1940, p. 114
- 21a Units: Keyser limestone; New Scotland limestone; Becraft limestone; Romney (?) shale
Location: At Baldwin Gap, Little North Mountain, near Marlboro (Note: Swartz erroneously referred to this location as Fawcett Gap); 218-D
Reference: Swartz, F. M., 1929, p. 60-61
- 21b Units: Martinsburg formation; Tuscarora formation; Bloomsburg formation; Wills Creek formation; Tonoloway formation; New Scotland and Keyser limestones undifferentiated
Location: About 1 mile northwest of Marlboro along State Road 623, in Baldwin Gap through Little North Mountain; 218-D
Reference: Butts and Edmundson, 1966, p. 52
- 22 Units: Oswego formation
Location: About 8 miles due west of Marlboro and about 3 miles northwest of Star Tannery near the west end of Duck Run gap at the entrance to Vances Cove; 218-C
Reference: Butts and Edmundson, 1966, p. 37
- 23 Units: Wills Creek formation; Tonoloway formation; Keyser formation; New Scotland limestone; Oriskany sandstone
Location: About 0.7 mile N. 45° W. of Mountain Falls along Richards Run; 218-C
Reference: Butts and Edmundson, 1966, p. 56-57
- 24 Units: Wills Creek formation; Tonoloway formation; Keyser formation

Section
Number

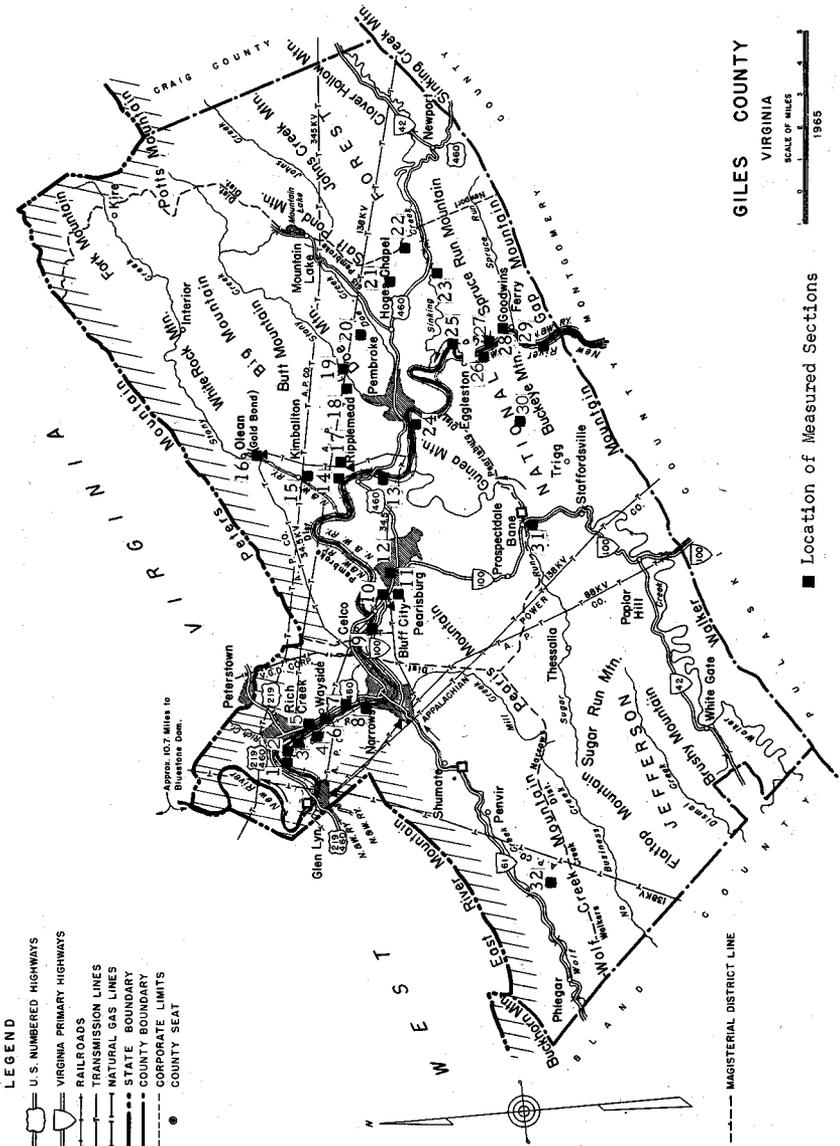
Location: About 1.5 miles northwest of Hayfield, along U. S. Highway 50 in an abandoned quarry; 218-A

Reference: Butts and Edmundson, 1966, p. 49-51

- 25 Units: McKenzie formation; Bloomsburg formation; Wills Creek formation

Location: About 1.3 miles northeast of Gore, along U. S. Highway 50; 224-D

Reference: Butts and Edmundson, 1966, p. 47-48



Location Map of Giles County

Giles County

Section
Number

- 1 Units: Greenbrier limestone
Location: Near Lurich, along the Norfolk and Western Railway tracks; 113-A
Reference: Bassler, 1907, p. 157
- 2 Units: Warsaw; St. Louis; Ste. Genevieve; Gasper
Location: Southwest of Rich Creek along the Norfolk and Western Railway tracks on the west side of New River; 113-D
Reference: Cooper, 1944a, p. 39
- 3 Units: Maccrady shale; St. Louis formation; Ste. Genevieve limestone
Location: About 0.5 mile south of Rich Creek in the Narrows of New River along the Norfolk and Western Railway tracks; 113-D
Reference: Butts, 1940, p. 363
- 4 Units: Brallier shale; Chemung formation
Location: About 0.25 mile southeast of Lurich along State Road 649 and the Norfolk and Western Railway tracks; 113-A
Reference: Woodward, 1943, p. 439
- 5a Units: Upper Knox (Beekmantown) dolomite; Chickamauga limestone
Location: Between Narrows and Lurich; 113-D
Reference: Bassler, 1909, p. 187-188
- 5b Units: Shenandoah limestone; Chickamauga formation; Moccasin limestone; Sevier shales, Bays sandstone; Clinch sandstone; Rockwood formation
Location: North of Narrows on the east side of the Narrows of New River; 113-D
Reference: Hubbard and Croneis, 1924, p. 322-329, 332-335, 337-338, 340-342, 344-345, 347, 348-351
- 5c Units: Murfreesboro formation, Mosheim limestone, Lenoir limestone
Location: About 2 miles north of Narrows, on the northeast side of New River; 113-D
Reference: McCue, Lucke, and Woodward, 1939, p. 80-81
- 5d Units: Clifffield formation; Benbolt limestone; Gratton limestone; Witten limestone
Location: About 0.75 mile south of Rich Creek on the east side of New River along the Norfolk and Western Railway tracks; 113-D
Reference: Cooper, 1944a, p. 24

Section
Number

- 5e Units: Blackford formation; Five Oaks limestone; Lincolnshire limestone; Ward Cove limestone; Peery limestone; Benbolt limestone; Wardell formation; Bowen formation; Witten limestone; Moccasin formation
Location: About 2 miles north of Narrows, along the Norfolk and Western Railway tracks, east of New River; 113-D
Reference: Prouty, 1946, p. 1170
- 5f Units: Middle Ordovician limestones; Trenton, Moccasin facies; Trenton, Eggleston facies
Location: About 2 miles upstream from Narrows along the Norfolk and Western Railway tracks and U. S. Highway 460; 113-D
Reference: Woodward, 1951, p. 310-312
- 5g Units: Lurich formation—Blackford member, Elway member, Five Oaks member; Lincolnshire formation; Ward Cove formation; Peery formation; Benbolt formation; McGlone formation; McGraw formation; Moccasin formation; Eggleston formation; "Martinsburg" formation
Location: North of Narrows and east of New River; 113-D
Reference: Kay, 1956, p. 60-61
- 6a Units: Moccasin formation; Martinsburg formation—Trenton member
Location: About 1.7 miles north of Narrows along U. S. Highway 460; 113-D
Reference: Rosenkrans, 1936, p. 105-107
- 6b Units: Eggleston formation; Trenton formation
Location: North of Narrows along U. S. Highway 460; 113-D
Reference: Butts, 1940, p. 192
- 6c Units: Martinsburg formation; Juniata formation
Location: At the Narrows of New River; 113-D
Reference: Butts, 1940, p. 207-208
- 6d Units: Martinsburg shale; Juniata formation; Tuscarora sandstone
Location: Between Rich Creek and Narrows, along U. S. Highway 460 and in cuts of the Norfolk and Western Railway tracks; 113-D
Reference: Woodward, 1951, p. 367-368
- 6e Units: Martinsburg formation
Location: Along the northeast side of U. S. Highway 460, 1.5 miles north of Narrows, in the water gap cut by New River through Peters Mountain; 113-D
Reference: Walker, 1970, p. 227

Section
Number

- 7a Units: Clinton formation—Cacapon division, Keefer sandstone member
Location: At the south end of the Narrows of New River; 113-D
Reference: Butts, 1940, p. 239-242
- 7b Units: Tuscarora sandstone; Rose Hill formation; "Keefer" sandstone
Location: Between Rich Creek and Narrows along U. S. Highway 460 and the Norfolk and Western Railway tracks; 113-D
Reference: Woodward, 1941, p. 80
- 8a Units: Copper Ridge dolomite
Location: About 0.25 mile northwest of Narrows along the Norfolk and Western Railway tracks; 113-D
Reference: Cooper, 1944a, p. 15
- 8b Units: Clifffield formation; Benbolt limestone; Gratton limestone; Witten limestone; Moccasin formation
Location: Northwest of Narrows near the junction of Piney Creek with New River; 113-D
Reference: Cooper, 1944a, p. 35
- 9 Units: Beekmantown dolomite
Location: Northwest of Bluff City along the Norfolk and Western Railway tracks; 113-D
Reference: Cooper, 1944a, p. 19
- 10 Units: Clifffield formation
Location: About 1.25 miles northwest of Pearisburg along State Highway 100 and U. S. Highway 460; 112-C
Reference: Cooper, 1944a, p. 28
- 11a Units: Lenoir limestone; Moccasin limestone
Location: Just west of Pearisburg, on the north side of Angels Rest peak; 112-C
Reference: Butts, 1940, p. 181
- 11b Units: Clifffield formation; Benbolt limestone; Gratton limestone; Witten limestone
Location: Near Pearisburg along the east base of Angels Rest; 112-C
Reference: Cooper, 1944a, p. 37
- 12a Units: Pearisburg limestone; Moccasin limestone
Location: At Pearisburg; 112-C
Reference: Bassler, 1907, p. 137-138

Section
Number

- 12b Units: Knox dolomite; Chickamauga limestone; Moccasin limestone; Sevier shale
Location: At Pearisburg; 112-C
Reference: Bassler, 1909, p. 171
- 13 Units: Clifffield formation
Location: About 0.25 mile south of Ripplemead on the west side of New River; 112-C
Reference: Cooper, 1944a, p. 26
- 14a Units: Beekmantown formation; Murfreesboro limestone
Location: About 1 mile northeast of Ripplemead in the bluff of New River just above Klotz quarry; 112-C
Reference: Butts, 1940, p. 130-131
- 14b Units: Beekmantown dolomite; Clifffield formation—Blackford member
Location: In the Virginian Limestone Corporation quarry near Klotz; 112-C
Reference: Cooper, 1944a, p. 20
- 15 Units: Clifffield formation—Blackford member, Five Oaks limestone member
Location: Just east of Kimballton, along Stony Creek; 112-C
Reference: Cooper, 1944a, p. 40
- 16 Units: Clifffield formation—Blackford member
Location: Along the east bluff of Stony Creek about 0.6 mile southwest of Olean; 112-B
Reference: Cooper, 1944a, p. 27
- 17 Units: Clifffield formation; Benbolt limestone; Gratton limestone; Witten limestone
Location: About 1 mile northeast of Ripplemead; 112-C
Reference: Cooper, 1944a, p. 34
- 18a Units: Moccasin limestone—lower marble member
Location: About 1 mile northeast of Pembroke on a hillslope; 112-C
Reference: Matthews, 1934, p. 12-13
- 18b Units: Moccasin limestone—lower marble member
Location: On the other side of the hill slope mentioned above in section 18a; 112-C
Reference: Matthews, 1934, p. 13
- 19 Units: Clifffield formation; Benbolt limestone; Gratton limestone; Witten limestone

Section
Number

- Location: About 1 mile north of Pembroke along the east bluff of Little Stony Creek; 112-C
Reference: Cooper, 1944a, p. 35
- 20 Units: Cliffield formation; Benbolt limestone; Gratton limestone; Witten limestone
Location: About 1.5 miles northwest of Hoges Chapel on the south-east base of Doe Mountain; 112-D
Reference: Cooper, 1944a, p. 41
- 21 Units: Gratton limestone; Witten limestone; Moccasin formation
Location: About 1.25 miles east of Hoges Chapel; 112-D
Reference: Cooper, 1944a, p. 42
- 22 Units: Benbolt limestone; Gratton limestone; Witten limestone; Moccasin formation
Location: About 1.5 miles northwest of Maybrook near State Road 608; 112-D
Reference: Cooper, 1944a, p. 43
- 23 Units: Cliffield formation; Benbolt limestone; Gratton limestone; Witten limestone
Location: About 3 miles east of Eggleston extending southeast from State Road 730 along the slope of Spruce Run Mountain; 112-D
Reference: Cooper, 1944a, p. 33
- 24 Units: Beekmantown dolomite
Location: Southwest of Pembroke in the quarry of the Pembroke Limestone Corporation; 112-C
Reference: Cooper, 1944a, p. 21
- 25 Units: Copper Ridge dolomite
Location: About 0.75 mile northeast of Eggleston on the east side of New River; 112-D
Reference: Cooper, 1944a, p. 16-17
- 26 Units: Knox (Beekmantown) dolomite; Chickamauga limestone; Moccasin limestone; Sevier shale
Location: From Eggleston southward along the west side of New River to Goodwins Ferry; 112-D
Reference: Bassler, 1909, p. 196
- 27a Units: Cliffield formation; Benbolt limestone
Location: About 1 mile southeast of Eggleston along the east side of New River; 112-D
Reference: Cooper, 1944a, p. 30

Section
Number

- 27b Units: Benbolt limestone; Gratton limestone; Witten limestone
Location: About 1 mile south of Eggleston, along the Norfolk and Western Railway tracks; 112-D
Reference: Cooper, 1944a, p. 32
- 28 Units: Honaker dolomite; Nolichucky shale; Copper Ridge dolomite
Location: Just north of Goodwins Ferry along the Norfolk and Western Railway tracks; 112-D
Reference: Cooper, 1944a, p. 14
- 29a Units: Knox (Beekmantown) dolomite; Chickamauga limestone; Moccasin limestone; Sevier shale; Bays sandstone; Clinch sandstone; Silurian and Devonian shales and sandstone
Location: From Goodwins Ferry southward along New River to Dry Branch (Pulaski County); 82-A, 112-D
Reference: Bassler, 1909, p. 197-198
- 29b Units: Copper Ridge dolomite; Beekmantown dolomite; Clifffield formation
Location: Just south of Berton on the west side of New River along the Norfolk and Western Railway tracks; 82-A, 112-D
Reference: Cooper, 1944a, p. 18
- 29c Units: Clifffield formation; Benbolt limestone; Witten limestone
Location: South of Berton on the west side of New River along the Norfolk and Western Railway tracks; 82-A, 112-D
Reference: Cooper, 1944a, p. 31
- 29d Units: Honaker dolomite; Nolichucky formation; Knox dolomite; Effna limestone; Lincolnshire limestone; Chatham Hill limestone; Wassum limestone; Witten limestone; Moccasin formation; Martinsburg formation; Juniata formation; Tuscarora formation; Rose Hill formation; "Keefer" formation; Rocky Gap sandstone; Needmore and Huntersville formations; Millboro formation; Brallier formation; Broadford sandstone; Parrott formation; Price formation; Stroubles formation
Location: Between Goodwins Ferry and Belspring (Pulaski County) along New River; 82-A, 112-D
Reference: Weinberg and others, 1963, p. 22-26
- 30 Units: Clifffield formation; Benbolt limestone; Gratton limestone; Witten limestone
Location: About 2.5 miles southwest of Eggleston on the northwest slope of Buckeye Mountain; 112-C
Reference: Cooper, 1944a, p. 36

Section
Number

31 Units: Russell formation

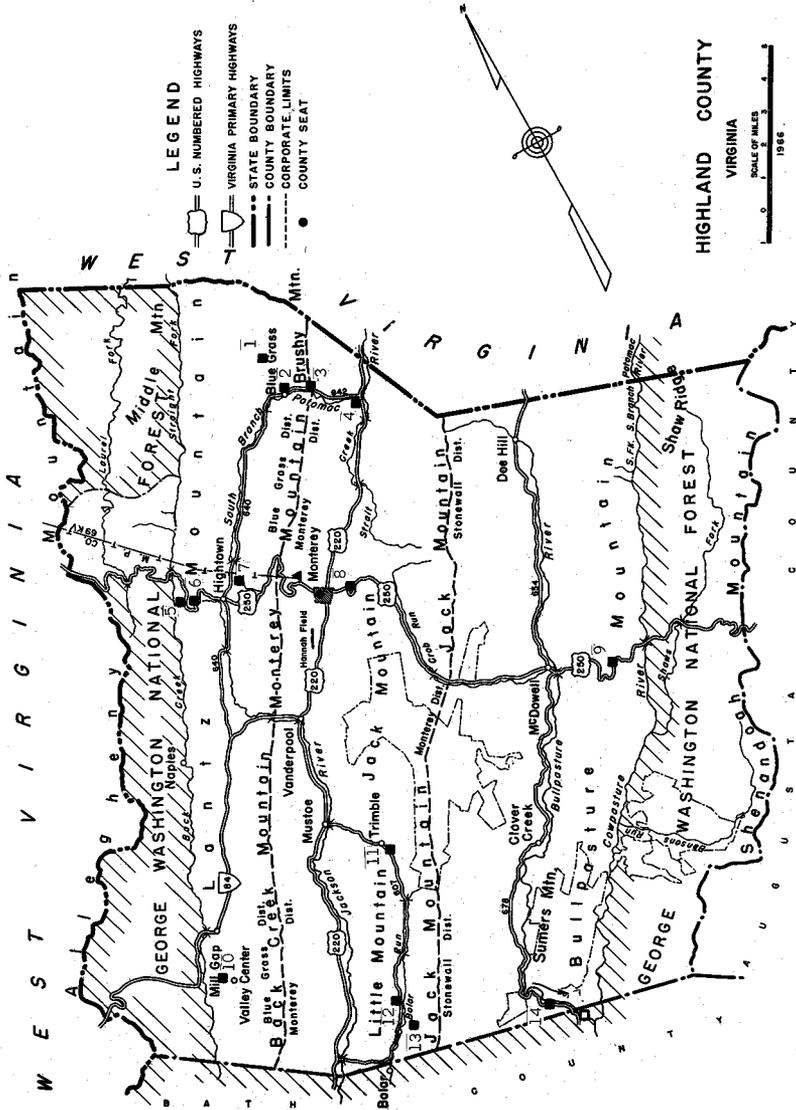
Location: Just south of Bane along Walker Creek; 112-C

Reference: Hubbard and Croneis, 1924, p. 319-320

32 Units: Cliffield formation; Benbolt limestone; Gratton limestone;
Witten limestone; Moccasin formation

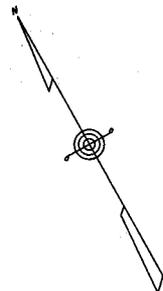
Location: About 7 miles southwest of Narrows and 2 miles due
east of Boxley Bridge (at Boxley) across Wolf Creek along the
northwest slope of Wolf Creek Mountain; 113-C

Reference: Cooper, 1944a, p. 29



LEGEND

- U.S. NUMBERED HIGHWAYS
- VIRGINIA PRIMARY HIGHWAYS
- STATE BOUNDARY
- COUNTY BOUNDARY
- CORPORATE LIMITS
- COUNTY SEAT



HIGHLAND COUNTY
 VIRGINIA
 SCALE OF MILES
 0 1 2 3
 1966

■ Location of Measured Sections

Location Map of Highland County

Highland County

Section
Number

- 1a Units: Lincolnshire formation; Ward Cove formation; Peery formation; Benbolt formation; McGlone formation; McGraw formation; Nealmont formation; Salona formation
Location: One to 2 miles northwest of Blue Grass along State Roads 640 and 644 on a hill and in roadcuts; 191-A, 203-D
Reference: Kay, 1956, p. 71-72
- 1b Units: Big Valley formation
Location: About 0.25 mile north of Blue Grass along State Road 640 and on a hill immediately to the east; 203-D
Reference: Bick, 1962, p. 12-13
- 2 Units: Middle Ordovician limestones; middle Trenton
Location: In the vicinity of Blue Grass; 191-A, 203-D
Reference: Woodward, 1951, p. 318-319
- 3a Units: Wills Creek formation
Location: Two miles southeast of Blue Grass along State Road 642; 191-A
Reference: Butts, 1940, p. 257-258
- 3b Units: McKenzie formation; Williamsport sandstone; Wills Creek limestone; Tonoloway limestone
Location: Between 1 and 2 miles east of Blue Grass along State Road 642; 191-A
Reference: Woodward, 1941, p. 197-198
- 4 Units: Keyser limestone—lower limestone member, Big Mountain shale member
Location: At Forks of Waters along U. S. Highway 220; 191-A
Reference: Swartz, F. M., 1929, p. 62-63
- 5a Units: Tonoloway limestone; Keyser limestone—lower limestone member, Big Mountain shale member, upper limestone member
Location: About 5 miles northwest of Monterey on Lantz Mountain along U. S. Highway 250; 191-B
Reference: Swartz, F. M., 1929, p. 63-64
- 5b Units: Keyser limestone—lower limestone, Big Mountain shale, upper limestone
Location: About 5 miles northwest of Monterey on the west slope of Lantz Mountain along U. S. Highway 250; 191-B
Reference: Woodward, 1943, p. 228-229

Section
Number

- 6 Units: Martinsburg formation; Oswego (?) sandstone; Juniata formation
 Location: Northwest of Monterey on the east slope and crest of Lantz Mountain along U. S. Highway 250; 191-B
 Reference: Butts, 1940, p. 223
- 7 Units: Middle Ordovician limestones; middle Trenton
 Location: Along a country road and hill slope due east of Hightown, approximately 1 mile north of the intersection of U. S. Highway 250 and State Road 640; 191-A, 191-B
 Reference: Woodward, 1951, p. 316-318
- 8a Units: Tonoloway limestone; Keyser limestone—lower limestone member, Big Mountain shale member, upper limestone member; Coeymans limestone; New Scotland limestone; Shriver (?) chert; Becraft limestone; Ridgeley sandstone
 Location: About 0.5 mile southeast of Monterey on the western foothills of Jack Mountain; 191-A
 Reference: Swartz, F. M., 1929, p. 63
- 8b Units: Keyser limestone—lower Keyser limestone, Big Mountain shale, upper Keyser limestone; New Scotland limestone; Port Ewen chert; Port Jervis limestone; Ridgeley sandstone
 Location: About 0.5 mile east of Monterey along U. S. Highway 250 in a quarry and on the hillside north of the road; 191-A
 Reference: Woodward, 1943, p. 229-230
- 9a Units: Tonoloway limestone; Keyser limestone—lower limestone member, Big Mountain shale member, upper limestone member; Coeymans limestone; New Scotland limestone; Shriver chert; Ridgeley sandstone
 Location: About 4 miles southeast of McDowell, on the eastern slope of Bullpasture Mountain along U. S. Highway 250; 190-C
 Reference: Swartz, F. M., 1929, p. 64
- 9b Units: Tonoloway limestone—lower limestone, middle limestone, upper limestone; Keyser limestone—lower limestone member, Big Mountain shale member, upper limestone member; Coeymans limestone; New Scotland limestone; Shriver chert; Ridgeley sandstone
 Location: About 4 miles southeast of McDowell, on the eastern slope of Bullpasture Mountain along U. S. Highway 250; 190-C
 Reference: McCue, Lucks, and Woodward, 1939, p. 191-192
- 9c Units: Helderberg limestone—Keyser limestone member, Coeymans limestone member, New Scotland member; Oriskany sandstone; Onondaga shale; Millboro shale

Section
Number

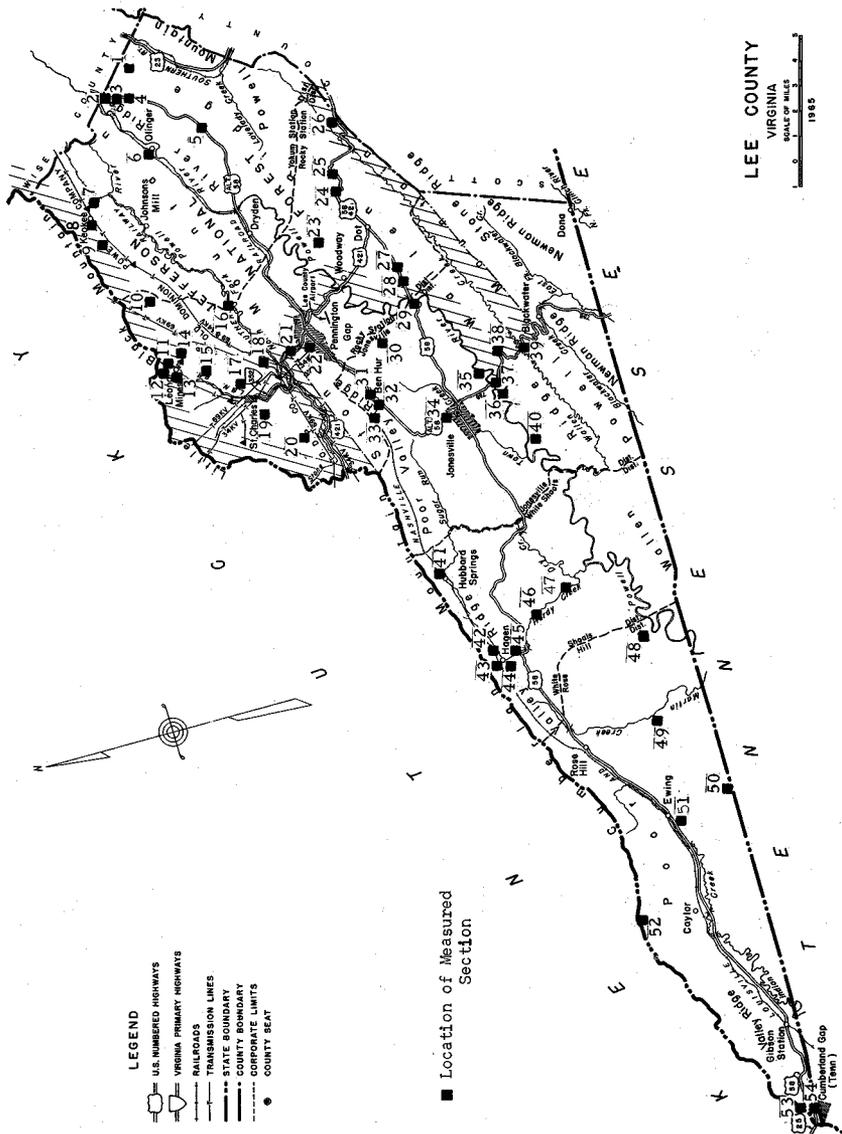
- Location: Midway between the communities of McDowell and Headwaters on the east slope of Bullpasture Mountain; 190-C
Reference: Butts, 1940, p. 264-266
- 9d Units: Lower Tonoloway limestone, middle Tonoloway limestone, upper Tonoloway limestone; Keyser limestone
Location: About 4 miles east of McDowell on the east slope of Bullpasture Mountain along U. S. Highway 250; 190-C
Reference: Woodward, 1941, p. 241
- 9e Units: Keyser limestone—lower limestone, Big Mountain shale, upper limestone; Coeymans limestone; New Scotland limestone; Becraft (?) limestone; Port Ewen chert; Port Jervis limestone; Ridgeley sandstone
Location: About 4 miles east of McDowell on the east slope of Bullpasture Mountain, along U. S. Highway 250; 190-C
Reference: Woodward, 1943, p. 215-216
- 10 Units: McGraw formation; Nealmont formation; Salona formation—Onego member
Location: About 1.5 and 5 miles southwest of the community of Mill Gap in Mill Gap and Lower Gap, through Little and Lantz mountains; 191-C
Reference: Kay, 1956, p. 70
- 11 Units: McGlone formation; McGraw formation; Nealmont formation; Salona formation—Onego member
Location: About 0.3 mile southeast of Trimble near State Road 607; 191-C, 191-D
Reference: Kay, 1956, p. 69
- 12 Units: Lincolnshire formation; Ward Cove formation; Peery formation; Benbolt formation; McGlone formation; McGraw formation
Location: About 2.1 miles northeast of Bolar, west of State Road 607 along a hill slope; 178-B
Reference: Kay, 1956, p. 68
- 13a Units: Lurich formation—basal clastics (Blackford and Elway equivalents), Five Oaks member
Location: About 1.6 miles northeast of Bolar on the east side of Bolar Run; 178-B
Reference: Bick, 1962, p. 9-10
- 13b Units: Big Valley formation
Location: About 1.6 miles northeast of Bolar, east of Bolar Run; 178-B
Reference: Bick, 1962, p. 12

Section
Number

14 Units: McKenzie limestone; Wills Creek formation; Tonoloway limestone

Location: About 1 mile northwest of Williamsville along State Road 678; 178-A

Reference: Bick, 1962, p. 23-24



Location Map of Lee County

Lee County

Section
Number

- 1 Units: Cannon limestone
Location: About 2.8 miles north of Harvey on the trail over Wallen Ridge though the saddle south of Elk Knob; 61-D
Reference: Eby, Campbell, and Stose, 1923, p. 26
- 2a Units: Clinch formation
Location: On Alternate U. S. Highway 58 just south of the Wise County line on the northwest flank of the Powell Valley anticline; 61-D
Reference: Eby, Campbell, and Stose, 1923, p. 31
- 2b Units: Sequatchie formation
Location: Along Alternate U. S. Highway 58 south of the Lee-Wise county line; 61-D
Reference: Bates, 1939, p. 56
- 2c Units: Clinton formation
Location: Along Alternate U. S. Highway 58 at the Lee-Wise county line; 61-D
Reference: Bates, 1939, p. 58-60
- 3 Units: Lowville limestone
Location: About 1 mile northeast of Seminary along U. S. Alternate Highway 58; 61-D
Reference: Bates, 1939, p. 51
- 4 Units: Lowville limestone
Location: About 1.1 miles northeast of Seminary, 0.125 mile north of Buck Creek along Alternate U. S. Highway 58; 61-D
Reference: Bates, 1939, p. 50
- 5a Units: Lowville limestone
Location: Seven miles southwest of Big Stone Gap at the western foot of Wallen Ridge near Deep Spring School; 61-D
Reference: Eby, Campbell, and Stose, 1923, p. 25
- 5b Units: Mosheim limestone
Location: About 2.3 miles south of Olinger along Alternate U. S. Highway 58; 61-D
Reference: Bates, 1939, p. 46
- 5c Units: Lenoir limestone; Lowville limestone
Location: About 2.3 miles south of Olinger south of Deep Spring School; 61-D
Reference: Bates, 1939, p. 48

Section
Number

- 6 Units: Genesee formation; Portage formation; Chattanooga shale; Price formation; Maccrady formation
Location: At Olinger along and adjacent to the Louisville and Nashville Railroad tracks, both northeast and southwest of the station; 61-D
Reference: Swartz, 1927, p. 491-492
- 7 Units: Wise formation; Wise formation—Keokee sandstone member
Location: Along State Highway 68, 1 mile east of Koekee; 61-C
Reference: Miller, 1969, p. 58
- 8a Units: Wise formation
Location: From Keokee north along State Road 624; 61-C
Reference: Giles, 1925, p. 36
- 8b Units: Wise formation
Location: From Keokee northward for 1 mile; 61-C
Reference: Giles, 1925, p. 37
- 8c Units: Wise formation; Wise formation—Clover Fork sandstone member; Wise formation; Wise formation—Marcum Hollow sandstone member; Wise formation
Location: Along State Highway 624 from Keokee to the Virginia-Kentucky line; 61-C
Reference: Miller, 1969, p. 59-61
- 9 Units: Wise formation
Location: About 1.5 miles east of Calvin southward from the Virginia-Kentucky state line along a creek 1 mile east of Little Bundy Creek to State Road 606; 61-C
Reference: Giles, 1925, p. 36
- 10a Units: Wise formation
Location: About 1.5 miles west of Calvin along State Road 627; 61-C
Reference: Giles, 1925, p. 35
- 10b Units: Wise formation; Wise formation—Robins Chapel sandstone member
Location: At Robins Chapel along State Road 606 at top of a hill, 1900 feet S. 27° W. of brick church; 61-C
Reference: Miller, 1969, p. 57-58
- 11 Units: Wise formation; Harlan sandstone
Location: Near Vic Chapel from Imperial Leona Mines northeast to the top of Little Black Mountain; 62-D
Reference: Giles, 1925, p. 32

Number
Section

- 12 Units: Wise formation
Location: Near Benedict from Straight Creek up Benedict Branch to the mine of Benedict Coal Corporation; 62-D
Reference: Giles, 1925, p. 31
- 13 Units: Wise formation
Location: About 0.25 mile west of Monarch up Miller Cove; 62-D
Reference: Giles, 1925, p. 31
- 14 Units: Wise formation
Location: Southeast of Monarch from the top of the ridge 0.75 mile east of the mouth of Benedict Branch down Summers Creek for 1 mile; 62-D
Reference: Giles, 1925, p. 33
- 15 Units: Wise formation
Location: About 2.5 miles northeast of St. Charles on the northwest slope of Lone Mountain; 62-D
Reference: Giles, 1925, p. 30
- 16 Units: Gladeville sandstone; Wise formation
Location: A composite section about 1.5 miles northeast of Purcell along State Road 606 and 0.25 mile east of Purcell along the Southern Railway tracks; 61-C
Reference: Wanless, 1946, p. 72-73
- 17 Units: Wise formation
Location: About 1 mile east of St. Charles up Big Branch; 62-D
Reference: Giles, 1925, p. 33
- 18 Units: Wise formation
Location: About 2 miles north of the community of Pennington Gap up Sandlick Branch; 62-D
Reference: Giles, 1925, p. 34
- 19 Units: Wise formation
Location: About 0.4 mile north of the Stone Creek community from Puckett Creek northward to the head of Big Branch; 62-D
Reference: Giles, 1925, p. 30
- 20 Units: Wise formation
Location: About 2.5 miles west of the community of Stone Creek north of Pine Grove Church along the dirt road and trail to the State line; 62-D
Reference: Giles, 1925, p. 29
- 21a Units: Siliceous group; Mountain limestone group
Location: At Pennington Gap through Stone Mountain; 62-D
Reference: Stevenson, 1881, p. 230-231, 232, 241-242

Section
Number

- 21b Units: Quinnimont group
Location: Exposures through Pennington Gap; 62-D
Reference: Stevenson, 1881, p. 239-240
- 21c Units: Pennington shale
Location: Exposures through Pennington Gap; 62-D
Reference: Giles, 1925, p. 19
- 21d Units: Lee formation
Location: Along the railroad through Pennington Gap; 62-D
Reference: Giles, 1925, p. 23
- 21e Units: Norton formation
Location: Exposures through Pennington Gap; 62-D
Reference: Giles, 1925, p. 24
- 21f Units: Price formation
Location: At the south end of Pennington Gap through Stone Mountain along the Louisville and Nashville Railroad tracks; 62-D
Reference: Bates, 1939, p. 65-66
- 21g Units: Newman formation
Location: At the southeast end of Pennington Gap in Stone Mountain in an abandoned quarry; 62-D
Reference: Bates, 1939, p. 68-69
- 21h Units: Maccrady shale; Greenbrier limestone—Hillsdale member, Taggard red member; Greenbrier limestone; Bluefield formation; Hinton formation—Stony Gap sandstone member, middle red member, limestone member; Princeton sandstone; Bluestone formation
Location: Exposures in vicinity of Pennington Gap; 62-D
Reference: Wilpolt and Marden, 1959, p. 626-631
- 22a Units: Chickamauga limestone
Location: In the vicinity of the community of Pennington Gap; 62-D
Reference: Bassler, 1909, p. 180
- 22b Units: Chickamauga limestone
Location: At the community of Pennington Gap; 62-D
Reference: Bassler, 1909, p. 256
- 23 Units: Poteet limestone; Rob Camp limestone; Martin Creek limestone; Hurricane Bridge limestone; Woodway limestone; Ben Hur limestone; Hardy Creek limestone; Eggleston limestone—lower member, middle member

Section
Number

- Location: About 1.75 miles northwest of Woodway and 0.5 mile east of Huff Cemetery on the north slope of Elk Knob; 29-B
Reference: Miller and Brosge, 1954, p. 107-109
- 24 Units: Reedsville shale; Sequatchie formation; Clinch sandstone; Hagan shale member, Poor Valley Ridge member
Location: Along U. S. Highway 58 over Wallen Ridge; 29-B
Reference: Miller and Brosge, 1954, p. 122-124
- 25 Units: Clinch sandstone—Poor Valley Ridge member; Clinton shale
Location: Along U. S. Highway 58 on the south slope of Wallen Ridge; 29-B
Reference: Miller and Brosge, 1954, p. 124-126
- 26 Units: Sequatchie formation; Clinch sandstone
Location: About 2 miles east of Stickleyville on U. S. Highway 58 on the northwest slope of Powell Mountain; 29-A, 29-B
Reference: Butts, 1940, p. 227
- 27 Units: Blackford formation
Location: About 7 miles east of Jonesville along U. S. Highway 58; 30-A
Reference: Prouty, 1946, p. 1147
- 28 Units: Mascot dolomite; Dot limestone; Poteet limestone; Rob Camp limestone; Martin Creek limestone
Location: About 2.5 miles southwest of Dot along and near U. S. Highway 58; 29-B, 30-A
Reference: Miller and Brosge, 1954, p. 100-102
- 29 Units: Longview dolomite; Kingsport dolomite; Mascot dolomite
Location: About 5 miles northeast of Jonesville just west of Poteet Ferry Bridge across Powell River in a bluff along U. S. Highway 58; 30-A
Reference: Miller and Brosge, 1954, p. 98-100
- 30 Units: Copper Ridge dolomite; Chepultepec dolomite—sandy dolomite member, argillaceous dolomite member; Longview dolomite; Kingsport dolomite; Mascot dolomite
Location: About 3 miles southeast of Ben Hur in Long Hollow and in the area of State Road 644; 30-A
Reference: Miller and Brosge, 1954, p. 90-93
- 31 Units: Bays (Lorraine) formation
Location: Just northeast of Ben Hur along the Louisville and Nashville Railroad tracks; 30-A
Reference: Bassler, 1909, p. 255

Section
Number

- 32a Units: Black River, Tyrone of Kentucky and Stones River undifferentiated (Chickamauga in part); Trenton; Utica (Sevier in part); Eden (Sevier in part); Lorraine (Bays); Clinch (?); Rockwood
Location: In the vicinity of Ben Hur and along the Louisville and Nashville Railroad; 30-A
Reference: Bassler, 1907, p. 150
- 32b Units: Clinton shale; Cayuga dolomite
Location: At Ben Hur along Alternate U. S. Highway 58; 30-A
Reference: Miller and Fuller, 1954, p. 190-191
- 32c Units: Clinton shale; Hancock dolomite
Location: On the east edge of Ben Hur along Alternate U. S. Highway 58; 30-A
Reference: Miller and Brosge, 1954, p. 126-127
- 33a Units: Chickamauga limestone; Sevier (Eden) shale; Bays (Lorraine) formation
Location: From Ben Hur westward along the Louisville and Nashville Railroad tracks; 30-A
Reference: Bassler, 1909, p. 250
- 33b Units: Woodway limestone; Ben Hur limestone; Hardy Creek limestone; Eggleston limestone—lower member, middle member, upper member
Location: About 1000 feet west of the Ben Hur station in a cut on the big curve of the Louisville and Nashville Railroad tracks; 30-A
Reference: Miller and Brosge, 1954, p. 116-117
- 34 Units: Chepultepec dolomite; Longview dolomite; Kingsport dolomite; Mascot dolomite; Dot limestone; Poteet limestone
Location: Just north of Jonesville along Alternate U. S. Highway 58; 30-A
Reference: Miller and Brosge, 1954, p. 96-98
- 35 Units: Mascot dolomite; Dot limestone; Poteet limestone; Rob Camp limestone; Martin Creek limestone; Hurricane Bridge limestone
Location: About 1.5 miles southeast of Jonesville, 0.25 mile north of Poteet Ford footbridge along a bluff of Powell River; 30-A
Reference: Miller and Brosge, 1954, p. 103-105
- 36 Units: "Ottosee" formation; "Lower Moccasin" formation
Location: About 1.5 miles south of Jonesville at Oxford Ford on the north side of the Powell River; 30-A
Reference: Huffman, 1945, p. 157

Section
Number

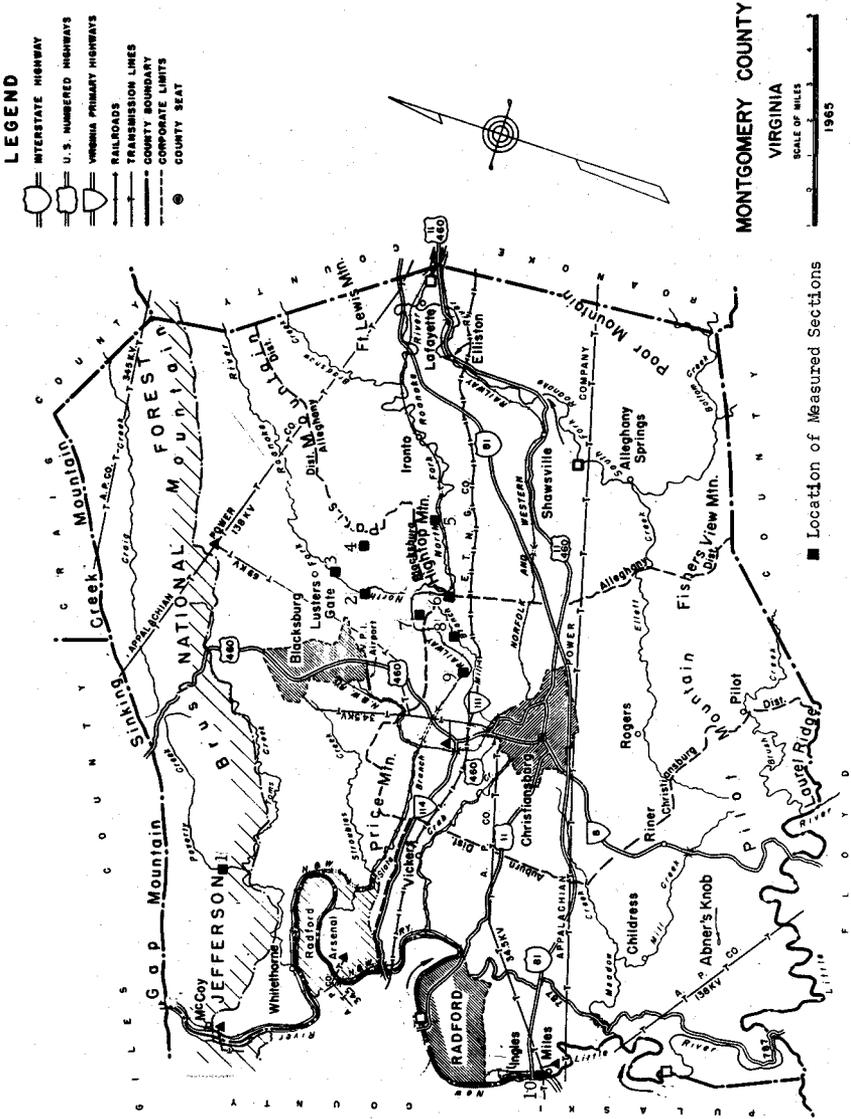
- 37 Units: Martin Creek limestone; Hurricane Bridge limestone; Woodway limestone; Ben Hur limestone; Hardy Creek limestone; Eggleston limestone—lower member, middle member, upper member; Trenton limestone; Reedsville shale
 Location: South of Jonesville along and near State Highway 70 in the vicinity of Sewell Bridge; 30-A
 Reference: Miller and Brosge, 1954, p. 112-116
- 38 Units: Lowville formation; Martinsburg formation—Trenton member
 Location: Approximately 3 miles southeast of Jonesville along State Highway 70; 30-A
 Reference: Rosenkrans, 1936, p. 110-111
- 39 Units: "Ottosee" formation; "Lower Moccasin" formation
 Location: About 5.5 miles southeast of Jonesville south of Wallen Creek at Glass Store along State Highway 70; 30-A
 Reference: Huffman, 1945, p. 156
- 40 Units: Martin Creek limestone; Hurricane Bridge limestone; Woodway limestone; Ben Hur limestone; Hardy Creek limestone; Eggleston limestone—lower member, middle member, upper member; Trenton limestone
 Location: About 3 miles southwest of Jonesville south from Hurricane Bridge along State Road 654; 30-B
 Reference: Miller and Brosge, 1954, p. 110-112
- 41 Units: Chattanooga shale
 Location: At Hubbard Springs, in a cut of the Louisville and Nashville Railroad tracks just east of the station; 30-B
 Reference: Swartz, 1927, p. 490
- 42 Units: Portage formation; Chattanooga shale
 Location: About 0.5 mile northeast of Hagan in a cut of the Louisville and Nashville Railroad; 31-A
 Reference: Swartz, 1927, p. 489
- 43 Units: Hancock dolomite; Upper Devonian shale
 Location: At Hagan in the cut leading to the tunnel of the Louisville and Nashville Railroad; 31-A
 Reference: Miller and Brosge, 1954, p. 127-128
- 44a Units: Moccasin; Eggleston; Curdsville; Hermitage; "Catheys-Cannon"
 Location: At Hagan along a railroad siding; 31-A
 Reference: Huffman, 1945, p. 161

Section
Number

- 44b Units: Trenton formation; Reedsville shale
Location: Along Louisville and Nashville Railroad switchback at Hagan, parallel to State Road 621 about 0.5 mile north of U. S. Highway 58; 31-A
Reference: Walker, 1970, p. 228
- 45a Units: Mascot dolomite; Dot limestone—dolomite member, limestone member; Poteet limestone
Location: South of Hagan in a cut at the south end of a spur of the Louisville and Nashville Railroad tracks; 31-A
Reference: Miller and Brosge, 1954, p. 102-103
- 45b Units: Ben Hur limestone; Hardy Creek limestone; Eggleston limestone—lower member, middle member, upper member; Trenton limestone; Reedsville shale; Sequatchie formation; Clinch sandstone—Hagan shale member, Poor Valley Ridge member; Clinton shale
Location: At Hagan along a spur of the Louisville and Nashville Railroad; 31-A
Reference: Miller and Brosge, 1954, p. 118-122; and Miller and Fuller, 1954, p. 182-189
- 46 Units: Copper Ridge dolomite; Chepultepec dolomite—sandy dolomite member, argillaceous dolomite member; Longview dolomite; Kingsport dolomite; Mascot dolomite; Dot limestone
Location: About 2.25 miles southeast of Hagan along State Road 660; 31-A
Reference: Miller and Brosge, 1954, p. 93-96; and Miller and Fuller, 1954, p. 171-172
- 47 Units: Chepultepec dolomite; Longview dolomite; Kingsport dolomite; Mascot dolomite; Murfreesboro limestone
Location: At Lambs Chapel along Hardy Creek 1.0 mile north-northwest of the mouth of Hardy Creek; 30-B, 31-A
Reference: Miller and Fuller, 1954, p. 172-175
- 48 Units: Beekmantown formation; Murfreesboro limestone; Mosheim limestone; Lenoir limestone; Lowville limestone
Location: Along Yellow Branch 5.5 miles southeast of Rose Hill; 31-A, 31-D
Reference: Butts, 1940, p. 120-122
- 49 Units: Clinch formation
Location: About 2.25 miles south of Rose Hill and 0.4 mile southwest of Edds Mill up the draw between Dry Branch and Hamblin Branch; 31-A
Reference: Bates, 1939, p. 57-58

Section
Number

- 50 Units: Conasauga shale; Maynardville limestone—Low Hollow limestone member, Chances Branch dolomite member; Copper Ridge dolomite
Location: About 3 miles south-southeast of Ewing along Fourmile Creek beginning at the Virginia-Tennessee state line; 31-C
Reference: Miller and Brosge, 1954, p. 88-89; and Miller and Fuller, 1954, p. 166-167
- 51 Units: Maynardville limestone—Low Hollow limestone member, Chances Branch dolomite member; Copper Ridge dolomite—lower member, upper member; Chepultepec dolomite—sandy member, argillaceous dolomite member; Longview formation; Kingsport dolomite
Location: About 0.5 mile southwest of Ewing along Chances Branch; 31-B, 31-C
Reference: Miller and Fuller, 1954, p. 167-171; and Miller and Brosge, 1954, p. 89-90
- 52 Units: Pennington formation; Lee formation—Chadwell member, White Rocks sandstone member
Location: Approximately 10 miles northeast of Cumberland Gap and about 2.5 miles north-northwest of Caylor at Chadwell Gap, a notch in Cumberland Mountain; 32-A
Reference: Englund, 1964, p. B-34
- 53a Units: Glen Dean formation; Pennington formation
Location: Directly above and north of Cumberland Gap village on the southeast slope of the Pinnacle; 32-C
Reference: Butts, 1940, p. 383-386
- 53b Units: Pennington formation; Lee formation—Pinnacle Overlook member; Pennington formation
Location: North of Cumberland Gap village on the northeast side of Cumberland Gap and near the Pinnacle; 32-C
Reference: Englund, 1964, p. B-33
- 54 Units: Portage formation; Chattanooga shale; Maccrady and Price formations
Location: At the northern edge of the town of Cumberland Gap, along U. S. Highway 58, at and near its junction with U. S. Highway 25; 32-C
Reference: Swartz, 1927, p. 488



Location Map of Montgomery County

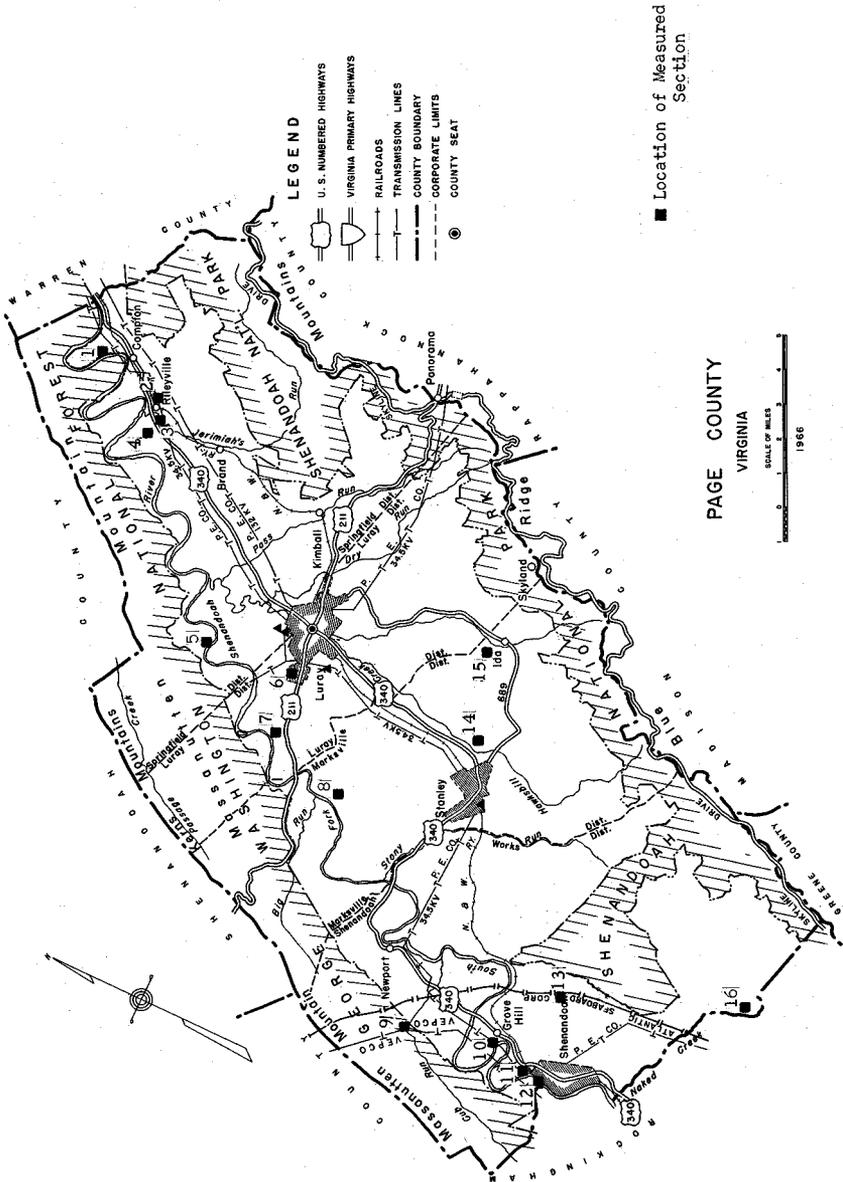
Montgomery County

Section
Number

- 1a Units: Vespertine—lower member, middle member
Location: About 4.5 miles northeast of Whitehorne along Poverty Creek where it cuts through Brush Mountain; 82-A, 112-D
Reference: Fontaine, 1877, p. 120-121
- 1b Units: Silicious limestone
Location: Brush Mountain; 82-A, 112-D
Reference: Stevenson, 1881, p. 233
- 2 Units: Beds of uncertain age (Beekmantown or Blackford); Five Oaks limestone; Lincolnshire limestone; Whitesburg limestone
Location: Midway between Lusters Gate and Ellett from State Road 723 westward; 81-A
Reference: Cooper, 1944a, p. 57
- 3 Units: Stones River formation; Athens shale
Location: East of Blacksburg near State Road 723; 81-A
Reference: Bassler, 1909, p. 201
- 4 Units: Athens formation; Lowville-Moccasin formation
Location: About 3.5 miles due east of Blacksburg at the west base of Paris Mountain; 81-A
Reference: Butts, 1940, p. 162-163
- 5 Units: Silurian sandstone; Rocky Gap sandstone; Huntersville chert; Needmore shale
Location: Northeast of Ellett near Fagg, along State Road 603; 81-A
Reference: Weinberg and others, 1963, p. 74-75
- 6 Units: Moccasin formation
Location: About 6 miles southeast of Blacksburg along the North Fork of Roanoke River; 81-A
Reference: Butts, 1940, p. 183
- 7 Units: Beekmantown dolomite; Five Oaks limestone; Lincolnshire limestone
Location: About 4.5 miles north-northeast of Christiansburg near Ellett in the vicinity of the Montgomery Lime Company quarry; 81-A
Reference: Cooper, 1944a, p. 56
- 8 Units: Five Oaks limestone; Lincolnshire limestone; Whitesburg limestone
Location: About 1 mile south of Ellett along State Road 723; 81-A
Reference: Cooper, 1944a, p. 57

Section
Number

- 9 Units: Copper Ridge dolomite; Chepultepec formation; Beekmantown formation; Five Oaks limestone
Location: About 2.5 miles north-northeast of Christiansburg near Yellow Sulphur, along the Norfolk and Western Railway tracks; 81-B
Reference: Cooper, 1944a, p. 53
- 10 Units: Beekmantown dolomite; "Mosheim" limestone; "Lenoir" limestone
Location: In the Miles area, along New River near the junction of New River and Little River; 82-D
Reference: Cooper, 1944a, p. 50



Location Map of Page County

Page County

Section
Number

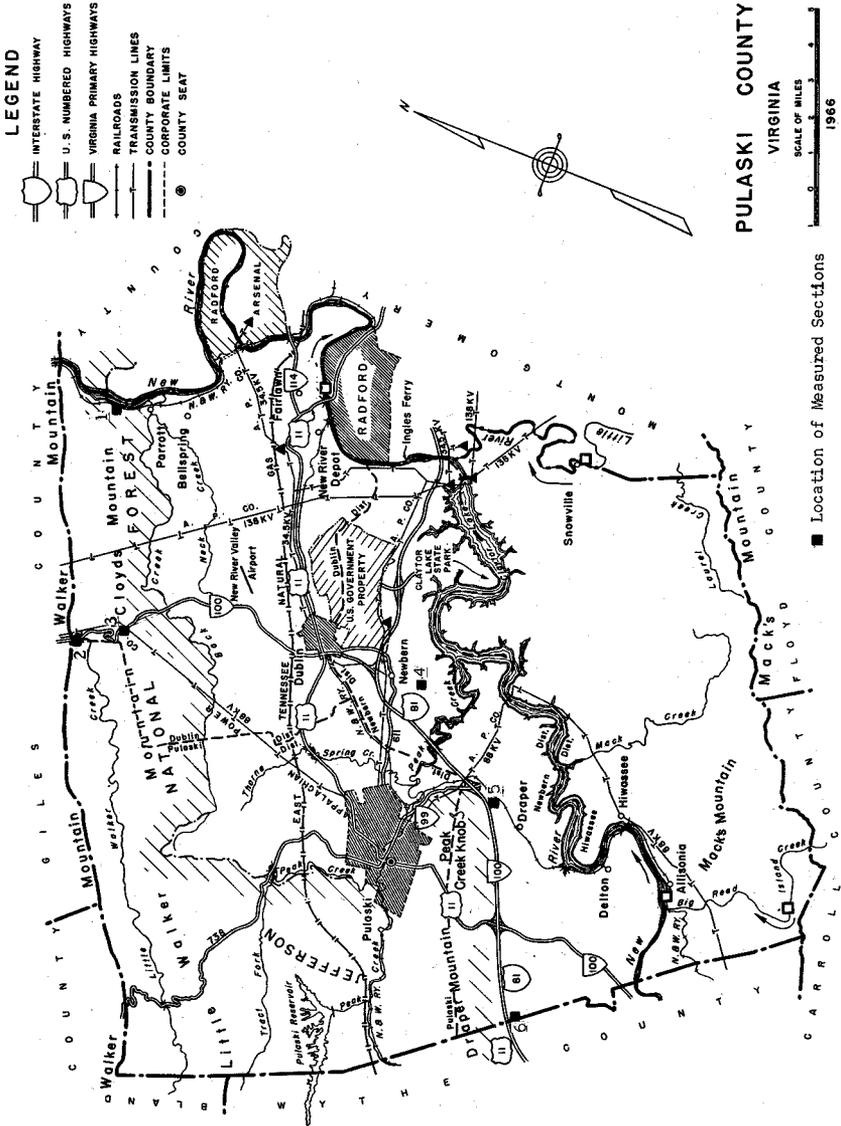
- 1 Units: Mosheim limestone; Lenoir limestone; Athens formation;
Beekmantown formation; Mosheim limestone
Location: About 1 mile northwest of Compton, along the South
Fork of the Shenandoah River in the northeast bluff; 209-D
Reference: Edmundson, 1945, p. 138
- 2 Units: Chepultepec limestone; Beekmantown formation
Location: About 0.3 mile east of Rileyville; 209-C
Reference: Edmundson, 1945, p. 143
- 3 Units: Beekmantown formation
Location: At Rileyville, east and west of U. S. Highway 340; 209-C
Reference: Edmundson, 1945, p. 147-148
- 4 Units: Beekmantown formation; Mosheim limestone; Lenoir lime-
stone
Location: About 0.5 mile west of Rileyville, along State Road 684;
209-C
Reference: Edmundson, 1945, p. 139
- 5a Units: Lenoir limestone
Location: About 3 miles northwest of Luray, and 500 feet east of
Bixler Bridge adjacent to State Road 684; 198-B
Reference: Edmundson, 1945, p. 144
- 5b Units: New Market limestone; Lincolnshire limestone
Location: About 3 miles N. 30° W. of Luray, at Bixler Bridge
across the South Fork of the Shenandoah River; 198-B
Reference: Cooper and Cooper, 1946, p. 98
- 6a Units: Beekmantown dolomite
Location: In Luray, on the west side of Cave Hill between the
eastern and western entrances of Ruttners Cave; 198-B
Reference: Hack and Durloo, 1962, p. 9-10
- 6b Units: Beekmantown dolomite
Location: Along the entrance stairway in Luray Caverns; 198-B
Reference: Hack and Durloo, 1962, p. 10-11
- 7 Units: Mosheim limestone; Lenoir limestone
Location: About 0.5 mile northwest of Hamburg, along Mill Creek;
199-A
Reference: Edmundson, 1945, p. 140

Section
Number

- 8a Units: Mosheim limestone
Location: About 0.25 mile northwest of Leaksville; 199-A
Reference: Edmundson, 1945, p. 141
- 8b Units: New Market limestone; Lincolnshire limestone
Location: About 0.25 mile N. 50° W. of Leaksville; 199-A
Reference: Cooper and Cooper, 1946, p. 98
- 9 Units: Martinsburg formation
Location: About 4.5 miles northwest of Shenandoah on the north side of Cub Run and the U. S. Forest Service road to Catherine Furnace through First Mountain; 199-C
Reference: Secrist and Evitt, 1943, p. 361
- 10 Units: Beekmantown formation
Location: About 1.25 miles north of Shenandoah in a bluff along the north bank of the South Fork of the Shenandoah River; 199-D
Reference: Edmundson, 1945, p. 149-150
- 11 Units: Mosheim limestone
Location: In the northern environs of Shenandoah between the South Fork of the Shenandoah River and the Norfolk and Western Railway tracks; 199-C
Reference: Edmundson, 1945, p. 142
- 12 Units: Mosheim limestone
Location: In the northern environs of Shenandoah in a small abandoned roadside quarry; 199-C
Reference: Edmundson, 1945, p. 142
- 13a Units: Tomstown dolomite
Location: About 0.25 mile east of Comertown near the head of Crooked Run; 187-A
Reference: King, 1950, p. 26
- 13b Units: Waynesboro formation
Location: Southwest of Ingham, between 1 and 2 miles south of the South Fork of the Shenandoah River along Crooked Run; 187-A, 199-D
Reference: King, 1950, p. 31
- 14 Units: Erwin quartzite
Location: Near Stanley in the Blue Ridge; 198-C
Reference: Stose and others, 1919, p. 16

Section
Number

- 15 Units: Catoctin formation; Loudoun formation; Weverton formation; Hampton formation; Erwin (Antietam) formation; Rome-Shady (?) formation; Rome formation
Location: About 0.5 mile northwest of Ida along State Road 629; 198-C
Reference: Allen, 1967, p. 18-19
- 16 Units: Antietam quartzite; Tomstown dolomite; residuum
Location: About 1.5 miles southeast of Furance on the east bank of South Branch of Naked Creek; 187-A
Reference: King, 1950, p. 28



Location Map of Pulaski County

Pulaski County

Section
Number

- 1a Units: Knox (Beekmantown) dolomite; Chickamauga limestone; Moccasin limestone; Sevier shale; Bays sandstone; Clinch sandstone; Silurian and Devonian shales and sandstone
Location: From Goodwin Ferry (Giles County) southward along New River to Dry Branch; 82-A, 112-D
Reference: Bassler, 1909, p. 197-198
- 1b Units: Honaker dolomite; Nolichucky formation; Knox dolomite; Effna limestone; Lincolnshire limestone; Chatham Hill limestone; Wassum limestone; Witten limestone; Moccasin formation; Martinsburg formation; Juniata formation; Tuscarora formation; Rose Hill formation; "Keefer" formation; Rocky Gap sandstone; Needmore and Huntersville formations; Millboro formation; Brallier formation; Broadford standstone; Parrott formation; Price formation; Stroubles formation
Location: Along New River between Goodwin Ferry (Giles County) and Belspring; 82-A, 112-D
Reference: Weinberg and others, 1963, p. 22-26
- 2 Units: Oriskany sandstone; Romney shale; Romney shale—Onondaga member; Portage formation; Chemung formation
Location: About 7.5 miles northwest of Dublin on State Highway 100 through Little Walker Creek Gap of Walker Mountain and on the northwest slope of Little Walker Mountain; 82-B
Reference: Kindle, 1912, p. 47
- 3 Units: Price sandstone
Location: About 6.75 miles northwest of Dublin along Virginia Highway 100 about 0.3 mile south of the top of Little Walker Mountain; 82-B
Reference: Snider, 1953, p. 15
- 4 Units: Elbrook dolomite
Location: South of Newbern along State Highway 100 to the crossing of Peak Creek; 82-C
Reference: Butts, 1940, p. 77
- 5 Units: Nittany formation—Oglesby marble member, Draper dolomite member; Holston formation
Location: At Draper just north of the junction of State Road 658 with a service road for Interstate Highway 81; 82-C
Reference: Cooper, 1939, p. 26-27

Section
Number

6 Units: Nittany formation—Oglesby marble member

Location: About 0.2 mile northeast of where Interstate Highway 81 crosses the Pulaski-Wythe county line, to the southeast of the Interstate service road along a lane; 53-A

Reference: Cooper, 1939, p. 18

Roanoke County

Section
Number

- 1 Units: Five Oaks limestone; Lincolnshire limestone; Effna limestone
 Location: About 3 miles northeast of Catawba along Catawba Creek and State Road 779; 110-A
 Reference: Cooper, 1944a, p. 74

- 2 Units: Conococheague formation; Nittany dolomite; Mosheim limestone; Lenoir limestone; Whitesburg limestone; Athens shale; Moccasin formation; Martinsburg shale—Trenton division, Eden division, Maysville division; Clinch sandstone; Clinton formation; Helderberg sandstone; Onondaga formation
 Location: Near Catawba along State Highway 311 from the southeast slope of Catawba Mountain to the southeast slope of North Mountain; 110-A
 Reference: Woodward, 1932, p. 71-74

- 3a Units: Athens shale; Moccasin formation
 Location: East of Catawba along State Highway 311; 110-A
 Reference: Woodward, 1932, p. 48

- 3b Units: Athens shale
 Location: About 0.5 mile southeast of Catawba Sanatorium, along State Highway 311; 110-A
 Reference: Decker, 1952, p. 53

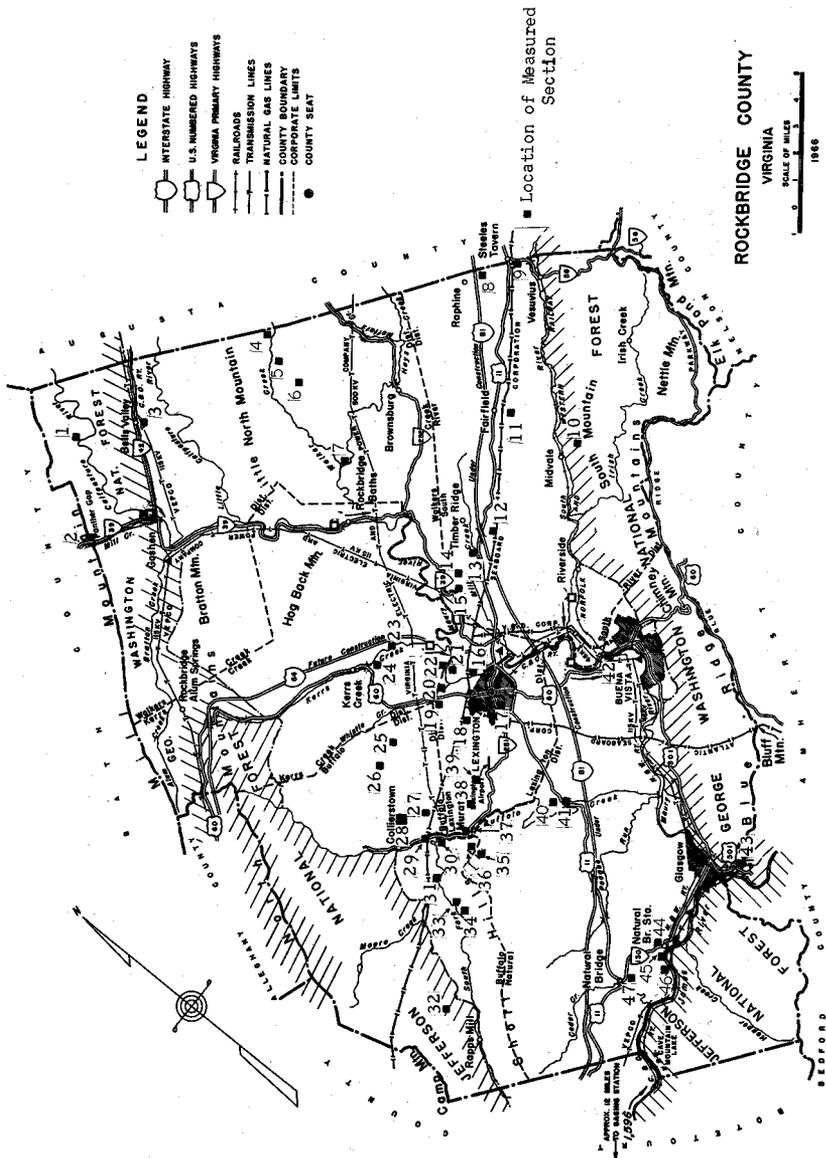
- 3c Units: Knox group; lower middle Ordovician limestone; Liberty Hall shale; Bays formation; Martinsburg formation; Tuscarora sandstone; Rose Hill formation; "Keefer" sandstone; Keyser formation; Rocky Gap sandstone; Huntersville chert; Needmore shale
 Location: East of Catawba along State Highway 311, from Catawba Creek eastward across Catawba Mountain to Masons Creek; 110-A
 Reference: Weinberg and others, 1963, p. 62-63

- 3d Units: Martinsburg formation
 Location: About 9 miles north of Salem and 0.5 mile east of Catawba along State Highway 311 on the west side of Catawba Mountain; 110-A
 Reference: Walker, 1970, p. 227

- 4 Units: Romney shale—Onondaga member
 Location: About 7 miles northwest of Salem on the southeast slope of Catawba Mountain along State Highway 311; 110-A
 Reference: Kindle, 1912, p. 46-47

Section
Number

- 5 Units: Clinch sandstone; Huntersville chert
Location: About 1 mile north of Salem city limits and 1.7 miles north of the intersection of State Highway 311 and State Road 631 near State Highway 311; 110-D
Reference: Cooper, 1960, p. 33
- 6 Units: Beekmantown dolomite
Location: About 2 miles north of Roanoke just south of U. S. Highway 11 crossing of the Roanoke-Botetourt county line in an abandoned quarry; 109-C
Reference: Cooper, 1944a, p. 71
- 7 Units: Chepultepec limestone; Beekmantown dolomite
Location: Just north of Roanoke about 0.5 mile northwest of the junction of Tinker and Carvin creeks and west of State Road 601 in an abandoned quarry; 109-C
Reference: Cooper, 1944a, p. 70



Location Map of Rockbridge County

Rockbridge County

Section
Number

- 1 Units: Helderberg group; Ridgeley sandstone
Location: About 4 miles northeast of Goshen, along Calfpasture River at the southeast base of Sideling Hill; 177-C
Reference: Edmundson, 1958, p. 73
- 2a Units: Oriskany sandstone; Onondaga formation
Location: About 2 miles northwest of Goshen along State Highway 39 at the southeast entrance to Panther Gap; 178-D
Reference: Butts, 1940, p. 296
- 2b Units: Clinton formation—Cacapon member, Keefer member
Location: Northwest of Goshen at Panther Gap along the north side of State Highway 39; 178-D
Reference: Bick, 1962, p. 22
- 3a Units: Lower and middle Devonian
Location: At Bells Valley, between the quarry and the church south of the railway station; 177-C
Reference: Kindle, 1912, p. 43-44
- 3b Units: Tonoloway limestone; Keyser limestone; Coeymans and New Scotland limestones; Becraft limestone; Ridgeley sandstone
Location: At Bells Valley southeastward along State Road 614 and in the quarry on the south side of town; 177-C
Reference: Swartz, F. M., 1929, p. 66-67
- 3c Units: Keyser limestone; Coeymans limestone; New Scotland limestone; Licking Creek limestone
Location: About 0.25 mile southeast of Bells Valley along State Road 614 and in an abandoned quarry; 177-C
Reference: Edmundson, 1958, p. 77-78
- 4 Units: Whistle Creek and Lincolnshire limestones undifferentiated; Edinburg formation—Botetourt limestone member
Location: About 1 mile northeast of Zack, along and near State Road 725; 157-A
Reference: Edmundson, 1958, p. 53
- 5 Units: Whistle Creek and Lincolnshire limestones undifferentiated
Location: About 0.25 mile southeast of Zack near State Road 602; 157-A
Reference: Edmundson, 1958, p. 53
- 6 Units: New Market limestone; Whistle Creek and Lincolnshire limestones undifferentiated

Section
Number

- Location: About 1.5 miles south of Zack and about 0.5 mile west of State Road 731; 157-A
Reference: Edmundson, 1958, p. 54
- 7 Units: New Market limestone; Whistle Creek and Lincolnshire limestones undifferentiated
Location: About 2 miles northeast of Rockbridge Baths, along State Road 731; 157-B
Reference: Edmundson, 1958, p. 54-55
- 8 Units: Athens shale
Location: About 0.7 mile northwest of Steeles Tavern on the north side of State Road 606; 156-B
Reference: Decker, 1952, p. 65
- 9 Units: Elbrook dolomite; Conococheague limestone
Location: Extending southeast of Steeles Tavern along State Highway 56; 156-B
Reference: Edmundson, 1958, p. 99-102
- 10 Units: Shady limestone; Watauga shale
Location: About 9.5 miles northeast of Lexington and 4000 feet due east of Midvale in a ravine on the side of South Mountain; 157-D
Reference: Hewett, 1917, p. 56
- 11 Units: Chepultepec limestone
Location: About 1.25 miles southeast of Fairfield along State Road 711; 157-D
Reference: Edmundson, 1958, p. 92-93
- 12 Units: Elbrook dolomite
Location: About 5 miles northeast of Lexington in an inactive quarry along U. S. Highway 11; 157-D
Reference: Edmundson, 1958, p. 106
- 13a Units: New Market limestone; Whistle Creek and Lincolnshire limestones undifferentiated
Location: About 1 mile southwest of Timber Ridge, along State Road 717 about 0.25 mile northwest of U. S. Highway 11; 157-D
Reference: Edmundson, 1958, p. 36
- 13b Units: New Market limestone; Lincolnshire limestone—Whistle Creek member, Murat facies, Rockbridge facies; Botetourt limestone

Section
Number

- Location: About 1 mile southwest of Timber Ridge along State Road 717 and Mill Creek, 0.25 mile northwest of U. S. Highway 11; 157-D
Reference: Carson, 1968, p. 57
- 14a Units: New Market limestone; Whistle Creek and Lincolnshire limestones undifferentiated; Edinburg formation—Botetourt limestone member
Location: About 4.5 miles northeast of Lexington along State Road 728 about 0.75 mile northwest of its junction with State Road 645; 157-C
Reference: Edmundson, 1958, p. 37
- 14b Units: New Market limestone; Lincolnshire limestone—Whistle Creek member, Murat facies, Rockbridge facies; Botetourt limestone
Location: About 5 miles northeast of Lexington along State Road 728, 0.75 mile northwest of its junction with State Road 645; 157-C
Reference: Carson, 1968, p. 57-58
- 15 Units: New Market limestone; Lincolnshire limestone—Whistle Creek member, Murat facies, Rockbridge facies; Botetourt limestone
Location: About 4 miles northeast of Lexington just south of Poorhouse Mountain and east of State Highway 39; 157-C
Reference: Carson, 1968, p. 58
- 16 Units: New Market limestone; Lincolnshire limestone—Whistle Creek member, Murat facies, Rockbridge facies; Botetourt limestone
Location: About 1.25 miles north of Lexington, 0.25 mile northeast of State Road 631 and the Maury River and 0.75 mile southeast of Limekiln Bridge; 157-C
Reference: Carson, 1968, p. 68
- 17 Units: Murat formation; Liberty Hall formation
Location: Lexington and vicinity; 157-C
Reference: Bassler, 1907, p. 121
- 18 Units: Lincolnshire limestone—Rockbridge facies, Murat facies, Rockbridge facies; Botetourt limestone
Location: About 1.25 miles west of Lexington, north of State Road 672 just west of the Lexington Reservoir; 157-C
Reference: Carson, 1968, p. 60

Section
Number

- 19a Units: New Market limestone; Whistle Creek limestone; Lincolnshire limestone; Edinburg formation—Botetourt limestone member, Liberty Hall facies
Location: About 2 miles northwest of Lexington, between U. S. Highway 60 and Whistle Creek; 157-C
Reference: Cooper and Cooper, 1946, p. 103
- 19b Units: New Market limestone
Location: About 2 miles northwest of Lexington along U. S. Highway 60; 157-C
Reference: Edmundson, 1958, p. 41
- 19c Units: New Market limestone; Lincolnshire limestone—Whistle Creek member, Rockbridge facies, Murat facies, Rockbridge facies, Murat facies, Rockbridge facies; Botetourt limestone
Location: From 1.0 to 2.5 miles northwest of Lexington along U. S. Highway 60; 157-C
Reference: Carson, 1968, p. 58-59
- 20a Units: New Market limestone; Whistle Creek and Lincolnshire limestones undifferentiated
Location: About 2 miles northwest of Lexington along Whistle Creek about 0.25 mile north of U. S. Highway 60 near the intersection of State Roads 665 and 669; 157-C
Reference: Edmundson, 1958, p. 39
- 20b Units: New Market limestone; Whistle Creek and Lincolnshire limestones undifferentiated
Location: About 2 miles northwest of Lexington about 200 yards east of the intersection of State Roads 665 and 669 along the northeast side of Whistle Creek; 157-C
Reference: Edmundson, 1958, p. 40
- 20c Units: New Market limestone; Lincolnshire limestone—Whistle Creek member
Location: About 2.25 miles northwest of Lexington along Whistle Creek and State Road 669; 157-C
Reference: Carson, 1968, p. 59
- 20d Units: New Market limestone; Lincolnshire limestone—Whistle Creek member
Location: About 2.25 miles northwest of Lexington along State Road 665 between Cold Run and Whistle Creek; 157-C
Reference: Carson, 1968, p. 59

Section
Number

- 21a Units: Whistle Creek and Lincolnshire limestones undifferentiated
Location: About 2 miles north of Lexington just southwest of Limekiln Bridge along State Road 631; 157-C
Reference: Edmundson, 1958, p. 38
- 21b Units: New Market limestone; Lincolnshire limestone—Whistle Creek member
Location: About 2 miles north of Lexington and 0.375 mile east of Limekiln Bridge along the Maury River; 157-C
Reference: Carson, 1968, p. 59-60
- 22a Units: Lincolnshire limestone—Whistle Creek member
Location: About 2.5 miles north of Lexington and 0.25 mile north-east of Limekiln Bridge on the east side of State Road 631; 157-C
Reference: Carson, 1968, p. 59
- 22b Units: Blackford formation; New Market limestone; Lincolnshire limestone—Whistle Creek member
Location: About 2.5 miles north of Lexington and 0.5 mile north-west of Limekiln Bridge along State Road 664; 157-C
Reference: Carson, 1968, p. 59
- 23 Units: New Market limestone; Whistle Creek and Lincolnshire limestones undifferentiated
Location: About 2 miles southeast of the community of Kerrs Creek along Kerrs Creek just east of the crossing of State Road 631; 157-C
Reference: Edmundson, 1958, p. 56
- 24 Units: Whistle Creek and Lincolnshire limestones undifferentiated; Edinburg limestone—Botetourt limestone member
Location: About 1 mile southeast of Kerrs Creek community and about 1000 feet south of the intersection of State Roads 623 and 631; 157-C
Reference: Edmundson, 1958, p. 55
- 25 Units: New Market limestone; Lincolnshire limestone—Whistle Creek member, Murat facies, Rockbridge facies
Location: About 3.5 miles northwest of Lexington along State Road 641 near the junction with State Road 673; 158-D
Reference: Carson, 1968, p. 66
- 26 Units: New Market limestone; Lincolnshire limestone—Whistle Creek member, Murat facies, Rockbridge facies, Murat facies, Rockbridge facies, Murat facies

Section
Number

Location: About 4.25 miles northwest of Lexington along State Road 641, 0.625 mile northwest of the junction with State Road 673; 158-D

Reference: Carson, 1968, p. 66

- 27a Units: New Market limestone; Whistle Creek and Lincolnshire limestones undifferentiated; Edinburg formation—Botetourt limestone member

Location: About 5 miles northwest of Lexington and about 0.25 mile southeast of Toad Run on Rich Hill; 158-D

Reference: Edmundson, 1958, p. 45-46

- 27b Units: New Market limestone; Lincolnshire limestone—Whistle Creek member, Rockbridge facies, Murat facies, Rockbridge facies, Murat facies, Rockbridge facies, Murat facies, Rockbridge facies, Murat facies, Rockbridge facies; Botetourt limestone

Location: About 4.75 miles northwest of Lexington and 0.375 mile southeast of Toad Run and State Road 676 on the northwest side of Rich Hill; 158-D

Reference: Carson, 1968, p. 64-65

- 28 Units: Lincolnshire limestone; Rockbridge facies, Murat facies, Rockbridge facies; Botetourt limestone

Location: About 2.25 miles east of Collierstown along Sugar Creek and State Road 641, 1 mile northwest of its junction with State Road 676; 158-D

Reference: Carson, 1968, p. 66

- 29a Units: New Market limestone; Whistle Creek limestone; Lincolnshire limestone; Edinburg formation; Collierstown formation

Location: About 6.5 miles N. 80° W. of Lexington and 2 miles southeast of Collierstown along State Highway 251; 158-D

Reference: Cooper and Cooper, 1946, p. 104-105

- 29b Units: Beekmantown formation

Location: About 2 miles southeast of Collierstown along State Highway 251 and Colliers Creek; 158-D

Reference: Edmundson, 1958, p. 94-95

- 29c Units: Whistle Creek and Lincolnshire limestones undifferentiated

Location: About 1 mile southeast of Collierstown along State Highway 251 and Colliers Creek; 158-D

Reference: Edmundson, 1958, p. 50

- 29d Units: New Market limestone; Whistle Creek limestone; Lincolnshire limestone; Edinburg formation—Botetourt limestone member

Section
Number

Location: About 2.5 miles southeast of Collierstown along Colliers Creek and State Highway 251; 158-D

Reference: Edmundson, 1958, p. 46-48

- 29e Units: Edinburg formation; Collierstown limestone

Location: About 2.5 miles southeast of Collierstown along State Highway 251 and Colliers Creek; 158-D

Reference: Edmundson, 1958, p. 87

- 29f Units: New Market limestone; Lincolnshire limestone—Whistle Creek member, Murat facies, Rockbridge facies, Murat facies, Rockbridge facies, Murat facies, Rockbridge facies, Murat facies, Rockbridge facies; Botetourt limestone

Location: About 2 miles southeast of Collierstown along Colliers Creek and State Highway 251, 0.5 to 1 mile northwest of its junction with State Road 676; 158-D

Reference: Carson, 1968, p. 67-68

- 30a Units: New Market limestone; Whistle Creek and Lincolnshire limestones undifferentiated; Edinburg formation—Botetourt limestone member

Location: About 3 miles southeast of Collierstown near the junction of State Highway 251 and State Road 612 along Buffalo Creek; 158-D

Reference: Edmundson, 1958, p. 44-45

- 30b Units: New Market limestone; Lincolnshire limestone—Whistle Creek member, Rockbridge facies, Murat facies, Rockbridge facies; Botetourt limestone

Location: About 3 miles southeast of Collierstown near the junction of State Highway 251 and State Road 612 along Colliers Creek; 158-D

Reference: Carson, 1968, p. 63-64

- 31 Units: Lincolnshire limestone—Murat facies, Rockbridge facies; Botetourt limestone

Location: About 3 miles south of Collierstown along the northwest side of Buffalo Creek and along State Road 612, 0.25 mile northeast of its junction with State Road 611; 135-A

Reference: Carson, 1968, p. 68

- 32 Units: New Market limestone; Whistle Creek and Lincolnshire limestones undifferentiated

Location: About 2.5 miles northeast of Rapps Mill along Spring Branch; 135-A

Reference: Edmundson, 1958, p. 50-51

Section
Number

- 33a Units: Beekmantown formation; Murfreesboro (?) limestone; Mosheim limestone
Location: About 4.5 miles northeast of Rapps Mill along South Buffalo Creek; 135-A
Reference: Butts, 1940, p. 137
- 33b Units: New Market limestone; Whistle Creek and Lincolnshire limestones undifferentiated; Edinburg limestone—Botetourt limestone member
Location: About 3 miles southwest of Murat along and east of State Road 611; 135-A
Reference: Edmundson, 1958, p. 48-49
- 33c Units: New Market limestone; Lincolnshire limestone—Whistle Creek member, Murat facies, Rockbridge facies; Botetourt limestone
Location: About 3 miles southwest of Murat east of South Buffalo Creek and State Road 611 about 1 to 1.25 miles south of its junction with State Road 612; 135-A
Reference: Carson, 1968, p. 68-69
- 34 Units: New Market limestone; Lincolnshire limestone—Whistle Creek member, Murat facies, Rockbridge facies; Botetourt limestone
Location: About 3.5 miles southwest of Murat; southeast of South Buffalo Creek and State Road 611, 1.75 miles south of its junction with State Road 612; 135-A
Reference: Carson, 1968, p. 70
- 35a Units: Whistle Creek and Lincolnshire limestones undifferentiated; Edinburg formation—Botetourt limestone member
Location: About 1 mile southwest of Murat, about 0.5 mile south of State Road 677; 135-A
Reference: Edmundson, 1958, p. 43-44
- 35b Units: Lincolnshire limestone—Whistle Creek member, Murat facies, Rockbridge facies, Murat facies; Botetourt limestone
Location: About 1 mile southwest of Murat at the end of a farm road leading south from State Road 677; 135-A
Reference: Carson, 1968, p. 62-63
- 36 Units: Lincolnshire limestone—Rockbridge facies, Murat facies, Rockbridge facies; Botetourt limestone
Location: About 3.5 miles southeast of Collierstown along State Road 677 on the west side of Kiger Hill; 135-A
Reference: Carson, 1968, p. 63

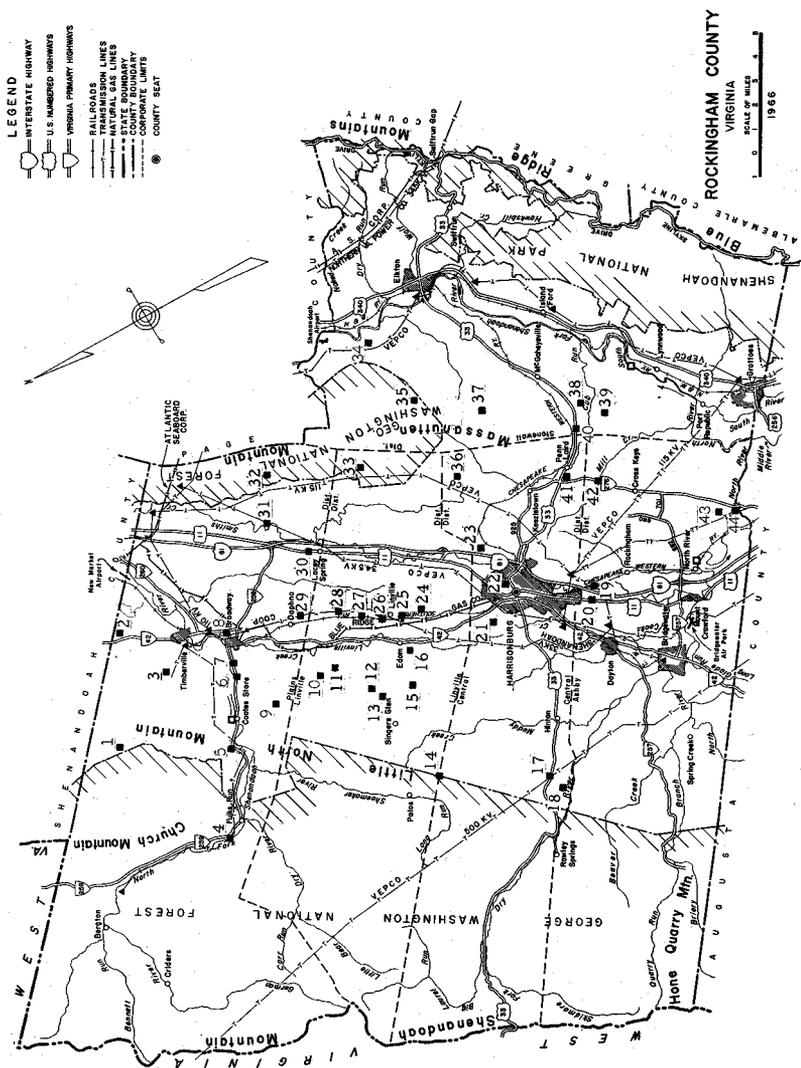
Section
Number

- 37a Units: Stones River formation; Murat limestone; Liberty Hall limestone
Location: At Murat along Buffalo Creek; 135-A
Reference: Bassler, 1909, p. 105
- 37b Units: New Market limestone; Lincolnshire limestone—Whistle Creek member, Rockbridge facies, Murat facies, Rockbridge facies; Botetourt limestone
Location: About 5.5 miles southwest of Lexington along Buffalo Creek, State Highway 251, and State Road 675 at Murat; 135-A
Reference: Carson, 1968, p. 62
- 38a Units: New Market limestone; Whistle Creek limestone; Lincolnshire limestone; Edinburg formation—Botetourt limestone member, Liberty Hall facies
Location: About 1 mile northeast of Murat just southeast of State Road 670; 158-D
Reference: Cooper and Cooper, 1946, p. 103-104
- 38b Units: New Market limestone; Whistle Creek and Lincolnshire limestones undifferentiated; Edinburg formation—Botetourt limestone member
Location: About 1 mile northeast of Murat just east of State Road 670; 158-D
Reference: Edmundson, 1958, p. 43
- 38c Units: Blackford formation; New Market limestone; Lincolnshire limestone—Whistle Creek member, Rockbridge facies, Murat facies; Botetourt limestone
Location: About 1 mile northeast of Murat in Spring Valley just east of State Road 670; 158-D
Reference: Carson, 1968, p. 61-62
- 39a Units: Beekmantown dolomite; New Market limestone; Whistle Creek and Lincolnshire limestones undifferentiated; Edinburg formation—Botetourt limestone member
Location: About 2 miles northeast of Murat and 3 miles southwest of Lexington along State Road 674; 157-C
Reference: Edmundson, 1958, p. 42
- 39b Units: New Market limestone; Lincolnshire limestone—Whistle Creek member, Rockbridge facies, Murat facies, Rockbridge facies; Botetourt limestone
Location: About 3.5 miles southwest of Lexington along Union Creek and State Road 674, 0.5 mile northwest of its junction with State Highway 251; 157-C
Reference: Carson, 1968, p. 60-61

Section
Number

- 40 Units: Natural Bridge limestone; Murat limestone; Natural Bridge limestone; Murat limestone; Athens (?) shale; Liberty Hall limestone
Location: Extends from 2.7 to 5.5 miles south of Lexington Court House west of U. S. Highway 11 near State Road 764; 134-B
Reference: Giles, 1927, p. 532-533
- 41 Units: Beekmantown formation
Location: About 4 miles southwest of Lexington east of Buffalo Creek along U. S. Highway 11; 134-B
Reference: Edmundson, 1958, p. 96
- 42 Units: Elbrook dolomite; Conococheague limestone
Location: Northwest of Buena Vista along the Chesapeake and Ohio Railway tracks; 134-A
Reference: Edmundson, 1958, p. 102-104
- 43a Units: Primal or Potsdam period with seven subdivisions
Location: From Balcony Falls southeast along the James River water gap through the Blue Ridge; 134-B, 134-C
Reference: Campbell, 1879, p. 439-442
- 43b Units: Potsdam or lower Cambrian with eight subdivisions
Location: From Balcony Falls southeast along the James River water gap through the Blue Ridge (Amherst and Rockbridge counties); 134-B, 134-C
Reference: Campbell, 1885, p. 471-472
- 44 Units: Shady dolomite
Location: Vicinity of Natural Bridge Station about 100 yards northeast of State Highway 130 and west of State Road 688; 135-D
Reference: Edmundson, 1958, p. 79
- 45 Units: Shady dolomite
Location: At Natural Bridge Station along the Chesapeake and Ohio Railroad tracks; 135-D
Reference: Edmundson, 1958, p. 80
- 46 Units: Shady dolomite; Waynesboro formation
Location: About 0.5 mile west of Natural Bridge Station along State Road 708 and a tributary to the James River; 135-D
Reference: Edmundson, 1958, p. 80-81
- 47 Units: Conococheague limestone
Location: Southeast of Natural Bridge along State Road 608; 135-A, 135-D
Reference: Edmundson, 1958, p. 104-105

■ Location of Measured Section



Location Map of Rockingham County

Rockingham County

Section
Number

- 1 Units: Oswego-Juniata; Clinch sandstone; Clinton formation
 Location: On Little North Mountain, about 1 mile south of the Shenandoah County line; 200-A
 Reference: Brent, 1960, p. 74
- 2 Units: Mosheim limestone
 Location: About 3 miles northeast of Timberville along the Shenandoah-Rockingham county line; 199-B
 Reference: Edmundson, 1945, p. 79
- 3 Units: Beekmantown formation; Mosheim limestone
 Location: About 1.5 miles northwest of Timberville, along State Road 791; 200-A
 Reference: Edmundson, 1945, p. 76
- 4a Units: Keyser limestone—lower limestone member, Big Mountain shale member, upper limestone member; New Scotland limestone; Becraft limestone; Shriver chert; Ridgeley sandstone
 Location: At Fulks Run, about 0.7 mile northwest of the country store along State Highway 259 and the creek; 200-B
 Reference: Swartz, F. M., 1929, p. 62
- 4b Units: Keyser limestone—lower limestone, Big Mountain shale, upper limestone; Coeymans limestone; New Scotland limestone; Port Ewen limestone; Port Jervis (?) limestone; Ridgeley sandstone
 Location: At Fulks Run about 0.7 mile west of the country store along State Highway 259 and the creek; 200-B
 Reference: Woodward, 1943, p. 201-202
- 4c Units: Keyser limestone—lower Keyser limestone, Big Mountain shale, upper Keyser limestone; Coeymans limestone; New Scotland limestone; Port Ewen cherty limestone; Port Jervis (?) limestone; Ridgeley sandstone
 Location: About 0.7 mile west of Fulks Run in the creek and along State Highway 259 where it intersects State Road 917; 200-B
 Reference: Woodward, 1955, p. 9-10
- 5a Units: Oswego sandstone; Juniata (?) formation; Tuscarora quartzite
 Location: In Brocks Gap through Little North Mountain along State Highway 259; 200-A
 Reference: Butts, 1940, p. 219-220

Section
Number

- 5b Units: Oswego-Juniata formations; Tuscarora sandstone; Clinton formation; Keefer sandstone
Location: At Brocks Gap through Little North Mountain along State Highway 259; 200-A
Reference: Woodward, 1955, p. 8
- 5c Units: Oswego sandstone
Location: At Brocks Gap in Little North Mountain along State Highway 259; 200-A
Reference: Brent, 1960, p. 72
- 5d Units: Juniata formation; Clinch sandstone; Clinton formation; Cayuga group; Helderberg group; Ridgeley sandstone
Location: At Brocks Gap in Little North Mountain along State Highway 259; 200-A
Reference: Brent, 1960, p. 73
- 6a Units: Beekmantown formation
Location: About 1.5 mile northwest of Broadway along State Highway 259; 200-D
Reference: Edmundson, 1945, p. 94-95
- 6b Units: Mosheim limestone
Location: About 1.5 miles northwest of Broadway along State Highway 259; 200-D
Reference: Edmundson, 1945, p. 76
- 7a Units: Lenoir limestone; Whitesburg limestone
Location: About 1 mile northwest of Broadway along State Highway 259; 200-D
Reference: Edmundson, 1945, p. 89
- 7b Units: New Market limestone; Lincolnshire limestone
Location: About 1.5 miles N.72°W. of Broadway along State Highway 259; 200-D
Reference: Cooper and Cooper, 1946, p. 97
- 8 Units: New Market limestone; Lincolnshire limestone; Edinburg formation
Location: Approximately 0.25 mile east of Broadway; 200-D
Reference: Brent, 1960, p. 67
- 9 Units: Chepultepec limestone
Location: About 3 miles southwest of Broadway and about 0.5 mile northeast of the junction of State Roads 752 and 786; 200-D
Reference: Brent, 1960, p. 61

Section
Number

- 10 Units: New Market limestone; Lincolnshire limestone; Edinburg formation
Location: Approximately 4 miles southwest of Broadway near Tide Spring; 200-D
Reference: Brent, 1960, p. 66
- 11a Units: Mosheim limestone
Location: About 3.5 miles northwest of Linville near the intersection of State Roads 782 and 617; 200-D
Reference: Edmundson, 1945, p. 77
- 11b Units: Lenoir limestone; Whitesburg limestone
Location: About 3.5 miles northwest of Linville and 0.3 mile northwest of the junction of State Roads 782 and 617; 200-C
Reference: Edmundson, 1945, p. 89-90
- 12 Units: New Market limestone; Lincolnshire limestone; Edinburg formation
Location: Approximately 2 miles east of Singers Glen; 200-C
Reference: Brent, 1960, p. 68
- 13 Units: Beekmantown dolomite
Location: Approximately 1.5 miles east of Singers Glen at the bend in Joes Creek; 200-C
Reference: Brent, 1960, p. 62-63
- 14 Units: Oswego-Juniata; Clinch sandstone; Clinton formation; Cayuga group; Helderberg group, Ridgeley sandstone
Location: At Hopkins Gap in Little North Mountain; 200-C
Reference: Brent, 1960, p. 71-72
- 15 Units: Mosheim formation
Location: About 3.5 miles west of Linville near the intersection of State Roads 777 and 761; 200-C
Reference: Edmundson, 1945, p. 77
- 16 Units: Oranda formation; Martinsburg formation
Location: About 1.5 miles west of Linville between Green Mount and Antioch churches near State Road 910; 200-C
Reference: Kay, 1956, p. 91
- 17 Units: Chambersburg formation; Trenton limestone and shale; Martinsburg shale
Location: About 9 miles northwest of Harrisonburg and 2 miles southeast of Rawley Springs along U. S. Highway 33; 189-A
Reference: Bassler, 1909, p. 95

Section
Number

- 18 Units: Martinsburg shale; Oswego-Juniata; Clinch (?) sandstone
Location: About 3 miles southwest of Mt. Clinton at the south end of Cooper Mountain; 189-A
Reference: Brent, 1960, p. 71
- 19 Units: Mosheim limestone; Lenoir limestone; Whitesburg limestone
Location: About 2 miles southwest of Harrisonburg and just east of the Chesapeake and Western Railway tracks; 188-B
Reference: Edmundson, 1945, p. 86
- 20a Units: Lenoir limestone; Whitesburg limestone; Athens formation; Chambersburg limestone
Location: About 2 miles southwest of Harrisonburg in vicinity of U. S. Highway 11; 188-B
Reference: Edmundson, 1945, p. 91
- 20b Units: New Market limestone; Lincolnshire limestone; Edinburg limestone—Botetourt limestone member, Liberty Hall limestone facies, Lantz Mills facies
Location: About 2 miles south of Harrisonburg adjacent to U. S. Highway 11; 188-B
Reference: Cooper and Cooper, 1946, p. 82-83
- 21 Units: Mosheim limestone
Location: About 1.5 miles northwest of Harrisonburg and about 200 yards north of State Road 763; 188-B
Reference: Edmundson, 1945, p. 78
- 22 Units: Stones River formation; Chambersburg formation; Martinsburg shale
Location: Harrisonburg area; 188-A, 188-B
Reference: Bassler, 1909, p. 91
- 23a Units: Beekmantown formation; Mosheim limestone
Location: About 2 miles east of Harrisonburg just southeast of Cedar Grove Church; 188-A
Reference: Butts, 1940, p. 111-114
- 23b Units: Beekmantown formation
Location: About 2 miles east of Harrisonburg and southeast of Cedar Grove Church; 188-A
Reference: Edmundson, 1945, p. 96
- 23c Units: Beekmantown formation; Mosheim limestone
Location: About 2 miles east of Harrisonburg at Cedar Grove Church; 188-A
Reference: Edmundson, 1945, p. 85

Section
Section

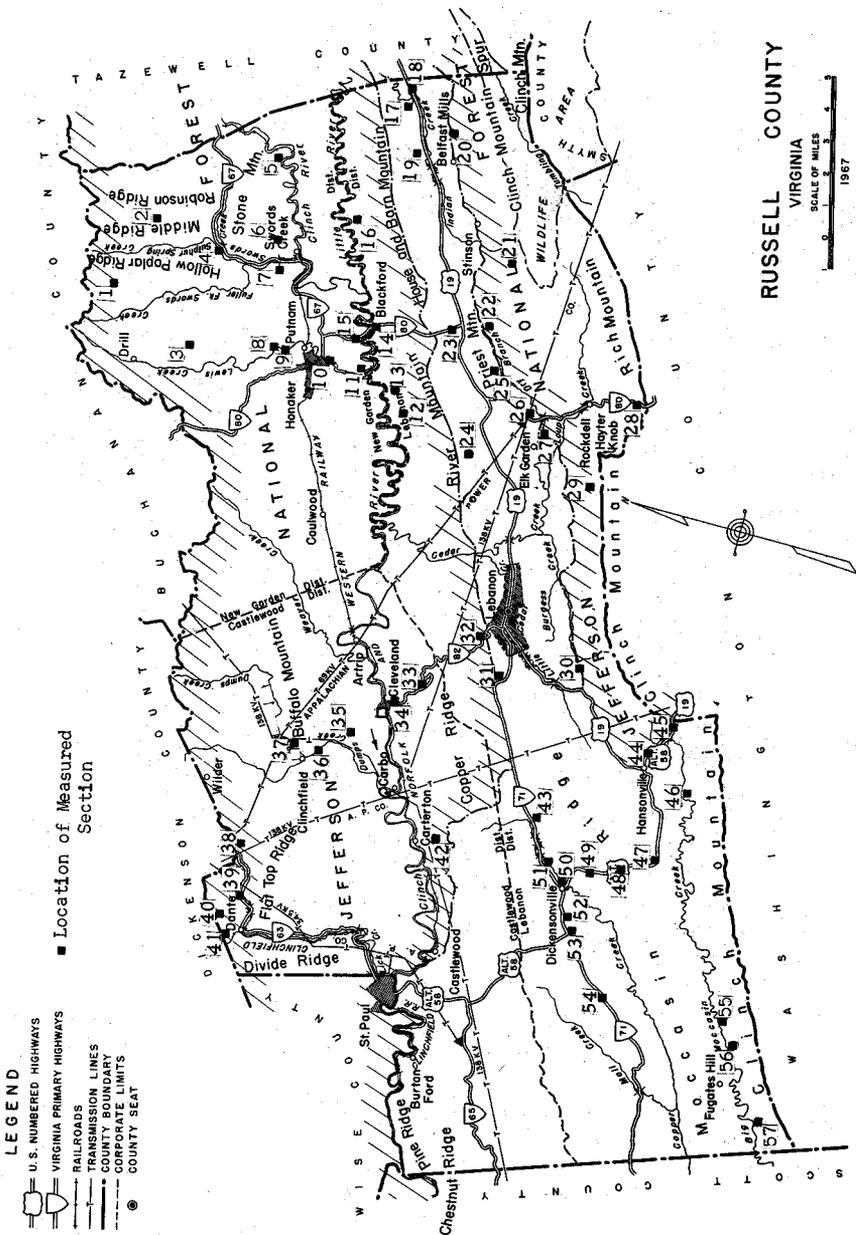
- 24a Units: Beekmantown formation
Location: About 1.5 miles southwest of Linville along and north of State Road 765; 200-D
Reference: Edmundson, 1945, p. 95-96
- 24b Units: Mosheim limestone
Location: About 1.5 miles southwest of Linville along and north of State Road 765; 200-D
Reference: Edmundson, 1945, p. 82
- 25 Units: Mosheim limestone; Lenoir limestone
Location: About 0.5 mile southwest of Linville, and 0.2 mile west of State Road 735; 200-D
Reference: Edmundson, 1945, p. 81-82
- 26 Units: Lenoir limestone
Location: At Linville in the southwestern end of the quarry of the Southern Lime and Stone Works; 200-D
Reference: Edmundson, 1945, p. 81
- 27 Units: Mosheim limestone
Location: About 1.5 miles northeast of Linville along State Road 803; 200-D
Reference: Edmundson, 1945, p. 80
- 28 Units: Beekmantown formation; Mosheim limestone
Location: About 2 miles south of Daphna between State Road 803 and the Southern Railway tracks; 200-D
Reference: Edmundson, 1945, p. 80
- 29 Units: Mosheim limestone
Location: About 3 miles south of Broadway and 0.5 mile southwest of the intersection of State roads 803 and 809; 200-D
Reference: Edmundson, 1945, p. 79
- 30 Units: Mosheim limestone
Location: About 0.75 mile northeast of Lacey Spring, along U. S. Highway 11; 200-D
Reference: Edmundson, 1945, p. 83
- 31 Units: Mosheim limestone; Lenoir limestone
Location: About 2.5 miles northeast of Lacey Spring along State Road 608; 199-C
Reference: Edmundson, 1945, p. 84

Section
Number

- 32 Units: Mosheim limestone; Lenoir limestone
Location: About 4 miles east of Lacey Spring and 0.5 miles east of State Road 620; 199-C
Reference: Edmundson, 1945, p. 86
- 33 Units: Martinsburg shale; Massanutten sandstone
Location: At Fridley Gap in Massanutten Mountain; 187-B
Reference: Brent, 1960, p. 74
- 34 Units: Igneous intrusive; Beekmantown formation
Location: About 3 miles northwest of Elkton in vicinity of Elkton Lime and Stone Company quarry; 187-B
Reference: Edmundson, 1945, p. 131-134
- 35 Units: Martinsburg shale; Massanutten sandstone; Bloomsburg formation
Location: At Runkles Gap in Massanutten Mountain; 187-B
Reference: Brent, 1960, p. 75
- 36 Units: New Market limestone; Lincolnshire limestone; Edinburg formation—Botetourt limestone member, Liberty Hall facies
Location: About 6 miles east of Harrisonburg and approximately 1.6 miles south of Bethel Church; 188-A
Reference: Cooper and Cooper, 1946, p. 97
- 37 Units: Martinsburg shale; Massanutten sandstone; Bloomsburg and Massanutten sandstones (?); Wills Creek (?); Onondaga formation
Location: About 2.5 miles north of McGaheysville in Harshberger Gap near the south end of Massanutten Mountain; 187-B
Reference: Butts, 1940, p. 255
- 38a Units: Mosheim limestone; Lenoir limestone
Location: About 0.2 mile southeast of Montevideo along State Road 865; 188-D
Reference: Edmundson, 1945, p. 129
- 38b Units: New Market limestone; Lincolnshire limestone
Location: Near Montevideo along State Road 865 about 800 feet southeast of its junction with U. S. Highway 33; 188-D
Reference: Cooper and Cooper, 1946, p. 99
- 39 Units: Beekmantown formation; Mosheim limestone; Lenoir limestone
Location: About 1 mile southwest of Montevideo and about 0.2 mile northwest of State Road 865; 188-D
Reference: Edmundson, 1945, p. 130

Section
Number

- 40 Units: Mosheim limestone; Lenoir limestone
Location: About 0.5 mile northeast of Montevideo, along U. S. Highway 33; 188-D
Reference: Edmundson, 1945, p. 129
- 41a Units: Mosheim and Lenoir limestones undifferentiated
Location: About 5 miles southeast of Harrisonburg near Penn Laird along U. S. Highway 33; 188-A
Reference: Edmundson, 1945, p. 87
- 41b Units: Athens formation
Location: About 5 miles southeast of Harrisonburg near Penn Laird along U. S. Highway 33; 188-A
Reference: Edmundson, 1945, p. 92
- 41c Units: New Market limestone; Lincolnshire limestone; Edinburg formation—Botetourt limestone member, Liberty Hall facies
Location: About 5 miles southeast of Harrisonburg near Penn Laird along U. S. Highway 33; 188-A
Reference: Cooper and Cooper, 1946, p. 99
- 41d Units: Athens shale
Location: About 5 miles southeast of Harrisonburg along U. S. Highway 33; 188-A
Reference: Decker, 1952, p. 69
- 41e Units: Edinburg formation
Location: About 0.4 mile southeast of Peales Crossroads along U. S. Highway 33; 188-A
Reference: Brent, 1960, p. 69-70
- 42 Units: Beekmantown formation; Mosheim limestone
Location: About 1.5 miles southwest of Penn Laird along State Highway 276; 188-D
Reference: Edmundson, 1945, p. 88
- 43 Units: Mosheim limestone; Lenoir limestone
Location: About 3.5 miles southwest of Cross Keys, and 0.3 mile northwest of State Highway 276; 188-C
Reference: Edmundson, 1945, p. 88
- 44 Units: New Market limestone; Lincolnshire limestone; Edinburg formation
Location: About 4.25 miles southeast of Mount Crawford at the Rockingham-Augusta county line on the north side of North River; 188-C
Reference: Brent, 1960, p. 68



Location Map of Russell County

Russell County

Section
Number

- 1 Units: Norton formation
Location: About 2.1 miles northeast of Drill on the slope west of Strow Fork; 87-C
Reference: Wentworth, 1922, p. 28
- 2 Units: Norton formation
Location: About 3.5 miles north of Dye from a summit on Sandy Ridge southward along slope of hollow to State Road 634; 87-C
Reference: Wentworth, 1922, p. 29
- 3 Units: Norton formation
Location: About 2 miles northeast of Laurel along Maple Hollow; 87-C
Reference: Wentworth, 1922, p. 28
- 4 Units: Norton formation
Location: In the vicinity of Dye from the junction of Swords Creek and Sulphur Spring Branch northwestward to the summit of a ridge; 87-C
Reference: Wentworth, 1922, p. 29
- 5 Units: Elway, Five Oaks, Lincolnshire, and Rockdell limestones
Location: At Daw along the Norfolk and Western Railway tracks; 87-D
Reference: Cooper, 1945, p. 182
- 6 Units: Five Oaks, Lincolnshire and Rockdell limestones; Benbolt limestone
Location: About 1.2 miles northeast of the community of Swords Creek; 87-C
Reference: Cooper, 1945, p. 181-182
- 7 Units: Five Oaks, Lincolnshire, and Rockdell limestones; Benbolt limestone
Location: About 1 mile northwest of the community of Swords Creek in an abandoned quarry; 87-C
Reference: Cooper, 1945, p. 183
- 8 Units: "Knox" dolomite—lower cherty member, limy member, upper cherty member, pink dolomite member; Blackford formation; Elway limestone; Five Oaks limestone
Location: About 1 mile north of Putnam and east of Lewis Creek and the Norfolk and Western Railway tracks; 87-C
Reference: Cooper, 1945, p. 123-126

Section
Number

- 9 Units: Murfreesboro formation
Location: Northeast of Honaker along State Road 624; 87-C
Reference: Bates, 1936, p. 180
- 10 Units: Honaker formation
Location: Just south of Honaker along the Norfolk and Western Railway tracks; 87-C
Reference: Cooper, 1945, p. 127-128
- 11 Units: "Knox" dolomite—oolitic member, sandy member, lower cherty member, limy member, upper cherty member, pink dolomite member
Location: About 2.3 miles west of Blackford in the vicinity of Lewis Creek and Clinch River; 57-B, 87-C
Reference: Cooper, 1945, p. 120-122
- 12 Units: Benbolt formation
Location: About 3 miles southwest of Blackford along Balltown Branch; 57-B
Reference: Cooper, 1945, p. 168
- 13 Units: Benbolt limestone
Location: About 2 miles southwest of Blackford at Hess Hollow, along State Road 640; 57-B
Reference: Cooper, 1945, p. 167-168
- 14a Units: Beekmantown formation; Murfreesboro formation; Mosheim (?) limestone; Lenoir limestone
Location: About 2 miles southeast of Honaker at Blackford; 57-B
Reference: Butts, 1940, p. 127
- 14b Units: Blackford formation; Elway limestone; Five Oaks limestone; Lincolnshire limestone; Rockdell limestone; Benbolt limestone; Wardell formation; Bowen formation; Witten limestone; Moccasin formation
Location: Near Blackford along State Highway 80; 57-B
Reference: Cooper, 1945, p. 165-167
- 15 Units: Copper Ridge dolomite; Beekmantown formation
Location: Northwest of Blackford along State Highway 80; 57-B, 87-C
Reference: Butts, 1940, p. 107
- 16 Units: Rockdell limestone; Benbolt limestone; Wardell formation; Bowen formation; Witten limestone; Moccasin formation
Location: About 3 miles northeast of Blackford and southeast of Little River; 87-C
Reference: Cooper, 1945, p. 164-165

Section
Number

- 17 Units: Benbolt limestone
 Location: About 1 mile southwest of the Russell-Tazewell county line along State Road 770; 87-C
 Reference: Cooper, 1945, p. 162-163
- 18 Units: Five Oaks limestone; Lincolnshire limestone; Rockdell limestone; Benbolt limestone; Wardell formation; Bowen formation; Witten limestone
 Location: About 0.8 mile west of the Russell-Tazewell county line near Indian Creek and U. S. Highway 19; 87-D
 Reference: Cooper, 1945, p. 161-162
- 19 Units: Blackford limestone and Elway limestone; Five Oaks limestone; Lincolnshire limestone; Rockdell limestone
 Location: About 1 mile northeast of Belfast Mills and north of U. S. Highway 19; 57-A
 Reference: Cooper, 1945, p. 163-164
- 20 Units: Blackford formation; Elway limestone; Five Oaks limestone; Lincolnshire limestone; Rockdell limestone; Benbolt limestone; Wardell formation; Bowen formation; Witten limestone
 Location: About 1 mile southwest of Repass on the northwest slope of Clinch Mountain; 57-A
 Reference: Cooper, 1945, p. 146-147
- 21 Units: Moccasin formation; Eggleston formation
 Location: Southwest of Stinson on a long northwest spur of Bear-town Mountain; 57-B
 Reference: Butts, 1940, p. 180
- 22 Units: Murfreesboro limestone; Mosheim limestone; Lenoir limestone
 Location: About 2.5 miles southwest of Stinson; 57-B
 Reference: Butts, 1940, p. 131
- 23 Units: Moccasin formation; Eggleston formation
 Location: About 0.5 mile northwest of old Rosedale along State Highway 80; 57-B
 Reference: Butts, 1940, p. 193
- 24 Units: Five Oaks limestone; Lincolnshire limestone; Rockdell limestone
 Location: About 2 miles west of Smithfield (Elway) on the southeast slope of River Mountain; 58-A
 Reference: Cooper, 1945, p. 162
- 25 Units: Beekmantown formation; Murfreesboro limestone; Mosheim and Lenoir

Section
Number

- Location: One mile due east of Smithfield (Elway) in a ravine; 57-
Reference: Butts, 1940, p. 127-130
- 26 Units: Five Oaks limestone; Lincolnshire limestone; Rockdell lime-
stone
Location: About 1 mile east of Elk Garden; 57-B
Reference: Cooper, 1945, p. 147-148
- 27 Units: Elway limestone; Five Oaks limestone; Lincolnshire lime-
stone
Location: Northwest of Rockdell in an abandoned quarry; 57-B
Reference: Cooper, 1945, p. 144
- 28a Units: Ottosee limestone
Location: About 1 mile south of Rockdell on the northwest slope of
Clinch Mountain along State Highway 80; 57-B
Reference: Butts, 1940, p. 172
- 28b Units: Martinsburg formation; Juniata formation
Location: Immediately north of Hayters Gap on the northwest
slope of Clinch Mountain along State Highway 80; 57-B, 57-C
Reference: Butts, 1940, p. 206-207
- 28c Units: Rockdell limestone; Benbolt limestone; Wardell formation;
Bowen formation; Witten limestone
Location: South of Rockdell along State Highway 80; 57-B
Reference: Cooper, 1945, p. 148-149
- 29 Units: Five Oaks limestone; Lincolnshire limestone; Rockdell lime-
stone; Benbolt limestone; Wardell formation; Bowen formation
Location: About 2.5 miles southwest of Rockdell on the northwest-
ern side of Clinch Mountain; 58-A
Reference: Cooper, 1945, p. 150-152
- 30 Units: Blackford formation; Elway limestone; Five Oaks limestone;
Lincolnshire limestone; Rockdell limestone
Location: About 0.7 mile southeast of Willis along the northwest
side of Clinch Mountain; 58-D
Reference: Cooper, 1945, p. 152-153
- 31 Units: Blackford formation; Elway limestone; Five Oaks lime-
stone; Lincolnshire limestone; Rockdell limestone; Benbolt lime-
stone; Wardell formation
Location: About 1 mile west of Lebanon along State Highway 71;
58-A
Reference: Cooper, 1945, p. 171-172

Section
Number

- 32 Units: Blackford formation; Elway limestone; Five Oaks limestone; Lincolnshire limestone; Rockdell limestone; Benbolt limestone; Wardell formation; Bowen formation; Witten limestone
Location: Northwest of Lebanon along State Highway 82 and State Road 640; 58-A
Reference: Cooper, 1945, p. 168-170
- 33 Units: Honaker formation
Location: About 1 mile south of Cleveland along State Highway 82; 58-B
Reference: Cooper, 1945, p. 128-129
- 34 Units: Honaker formation
Location: Just south of Cleveland along State Highway 82; 58-B
Reference: Cooper, 1945, p. 129-130
- 35a Units: Price formation; Price and Maccrady (?); St. Louis limestone
Location: About 1 mile south of South Clinchfield; 58-B
Reference: Butts, 1940, p. 361
- 35b Units: Little Valley formation; Hillsdale limestone; "Ste. Genevieve" and "Gasper" limestones
Location: About 1.3 miles northwest of Cleveland near State Road 600; 58-B
Reference: Cooper, 1945, p. 143
- 36 Units: Portage shale; Big Stone Gap shale
Location: Southwest of South Clinchfield; 58-B
Reference: Eby, Campbell, and Stose, 1923, p. 52
- 37 Units: Norton formation
Location: Northwest of South Clinchfield northeast along State Road 621 toward Grizzle; 58-B
Reference: Wentworth, 1922, p. 28
- 38 Units: Norton formation; Gladeville sandstone
Location: From Hazel southeast to Chaney Creek in the vicinity of State Road 616; 58-B, 59-A
Reference: Wentworth, 1922, p. 27
- 39 Units: Norton formation; Gladeville sandstone; Wise formation
Location: From Dante northeast up Right Fork of Lick Creek to Hazel and then west 0.75 mile along the ridge to the high knob on Sandy Ridge; 59-A
Reference: Wentworth, 1922, p. 26-27

Section
Number

- 40 Units: Norton formation
Location: From Dante northeast up Straight Hollow; 59-A
Reference: Wentworth, 1922, p. 26
- 41a Units: Norton formation
Location: Just northwest of Dante on the south side of Sandy Ridge; 59-A
Reference: Stone, 1908, p. 87
- 41b Units: Norton formation; Gladeville sandstone
Location: Northwest from Dante to Austin Gap (Dickenson County) and then west to the knob on Sandy Ridge; 59-A
Reference: Wentworth, 1922, p. 25
- 42 Units: Honaker formation
Location: Just southeast of Carterton along State Road 614; 58-B
Reference: Cooper, 1945, p. 130
- 43 Units: Five Oaks limestone; Lincolnshire limestone; Rockdell limestone; Benbolt limestone; Wardell formation; Bowen formation; Witten limestone
Location: About 2.5 miles northeast of Dickensonville extending southward from State Highway 71; 58-C
Reference: Cooper, 1945, p. 172-173
- 44 Units: Benbolt limestone; Wardell formation; Bowen formation; Witten limestone
Location: Southeast of Hansonville along U. S. Highway 19 and Alternate U. S. Highway 58; 58-C, 58-D
Reference: Cooper, 1945, p. 154-155
- 45 Units: Lowville-Moccasin formation
Location: At Little Moccasin Gap along U. S. Highway 19; 58-D
Reference: Butts and Edmundson, 1943, p. 1677
- 46 Units: Tumbes limestone; Elway limestone; Lincolnshire limestone; Rockdell limestone; Benbolt limestone
Location: About 1.2 miles southwest of Hansonville on the northwestern slope of Clinch Mountain; 58-C
Reference: Cooper, 1945, p. 155-156
- 47 Units: Nolichucky formation; Copper Ridge dolomite
Location: About 1 mile south of Creswell along Alternate U. S. Highway 58; 58-C
Reference: Butts, 1940, p. 81-82

Section
Number

- 48 Units: Honaker dolomite; Nolichucky formation
Location: Southeast of Creswell along Alternate U. S. Highway 58;
58-C
Reference: Cooper, 1945, p. 132-133
- 49a Units: Rome formation; Honaker dolomite
Location: Near Creswell along Alternate U. S. Highway 58; 58-C
Reference: Butts, 1940, p. 58-60
- 49b Units: Honaker dolomite
Location: Near Creswell along Alternate U. S. Highway 58; 58-C
Reference: Butts, 1940, p. 71
- 50 Units: Elway limestone; Five Oaks limestone; Lincolnshire lime-
stone; Rockdell limestone; Benbolt limestone; Wardell formation;
Bowen formation; Witten limestone
Location: Near Dickensonville along Alternate U. S. Highway 58
and State Highway 71; 58-C
Reference: Cooper, 1945, p. 176-177
- 51 Units: Five Oaks limestone; Lincolnshire limestone; Rockdell lime-
stone
Location: About 1.25 miles east of Dickensonville, south of State
Highway 71; 58-C
Reference: Cooper, 1945, p. 174
- 52 Units: Rockdell limestone
Location: About 1 mile west of Dickensonville on both sides of
Alternate U. S. Highway 58; 58-C
Reference: Cooper, 1945, p. 178
- 53 Units: Blackford formation; Elway limestone; Lincolnshire lime-
stone; Rockdell limestone; Benbolt limestone
Location: Just east of Parsonage on both sides of Alternate U. S.
Highway 58; 58-C
Reference: Cooper, 1945, p. 178-179
- 54 Units: Blackford formation; Elway limestone; Lincolnshire lime-
stone; Rockdell limestone
Location: About 2.5 miles southwest of Parsonage on both sides of
State Highway 71; 59-D
Reference: Cooper, 1945, p. 180
- 55 Units: Tumbez limestone; Elway limestone; Lincolnshire limestone;
Rockdell limestone; Benbolt formation

Section
Number

Location: About 1 mile southwest of Tumblez in Moccasin Valley;
59-D

Reference: Cooper, 1945, p. 156-158

- 56 Units: Lincolnshire limestone; Rockdell limestone; Benbolt limestone

Location: About 2 miles northeast of Collinwood along the northwestern slope of Clinch Mountain; 27-A, 59-D

Reference: Cooper, 1945, p. 158

- 57 Units: Benbolt limestone; Wardell formation; Bowen formation; Witten limestone; Moccasin formation

Location: About 0.25 mile southwest of Collinwood along the northwestern slope of Clinch Mountain; 27-A

Reference: Cooper, 1945, p. 159-160

Scott County

Section
Number

- 1 Units: Maccrady formation; Hillsdale limestone; "Ste. Genevieve" and "Gasper" limestones
Location: About 1 mile northwest of Dungannon; 59-C
Reference: Cooper, 1945, p. 224
- 2 Units: Lee conglomerate
Location: About 5.5 miles north of Fort Blackford on the north side of Stony Creek between Chimney Rock Fork and Mahogany Spring Branch along a short stream; 60-D
Reference: Campbell and Woodruff, 1911, p. 154-155
- 3 Units: Lee conglomerate
Location: About 5.75 miles northeast of Fort Blackmore on the south side of the junction of Glady Fork and Ivy Patch Branch; 60-D
Reference: Campbell and Woodruff, 1911, p. 153
- 4 Units: Lee conglomerate
Location: About 5.75 miles north of Fort Blackmore on the east side of Chimney Rock Fork, about 1 mile upstream from its mouth; 60-D
Reference: Campbell and Woodruff, 1911, p. 154
- 5a Units: Pennington shale
Location: About 5.75 miles northeast of Fort Blackmore along McGhee Creek; 60-D
Reference: Campbell and Woodruff, 1911, p. 159
- 5b Units: Lee conglomerate
Location: About 5.75 miles northeast of Fort Blackmore; a composite section along McGhee Creek, Chimney Rock Fork, and Stony Creek; 60-D
Reference: Campbell and Woodruff, 1911, p. 150
- 6 Units: Lee conglomerate
Location: About 5.5 miles north of Fort Blackmore along a small northward-flowing stream which enters Stony Creek just opposite the mouth of Chimney Rock Fork; 60-D
Reference: Campbell and Woodruff, 1911, p. 156
- 7 Units: Ottosee formation; Lowville-Moccasin formation; Trenton formation
Location: About 2 miles northeast of Rye Cove Post Office measured across Cedar Ridge; 28-B
Reference: Butts, 1940, p. 190

Section
Number

- 8a Units: Rutledge limestone
Location: Just southeast of Hill Station along State Roads 645 and 665; 28-B
Reference: Brent, 1963, p. 9-10
- 8b Units: Rogersville shale
Location: Southeast of Hill Station along State Road 665; 28-B
Reference: Brent, 1963, p. 10
- 8c Units: Maryville limestone
Location: Southeast of Hill Station along State Road 665; 28-B
Reference: Brent, 1963, p. 11
- 8d Units: Nolichucky formation
Location: Southeast of Hill Station along State Road 665; 28-B
Reference: Brent, 1963, p. 14-15
- 8e Units: Maynardville formation—Low Hollow member, Chances Branch member
Location: Southeast of Hill Station along State Road 665; 28-B
Reference: Brent, 1963, p. 16
- 9a Units: Beekmantown formation; Murfreesboro limestone
Location: About 2.75 miles south of Hill near the intersection of State Roads 665 and 664 along Blackoak Branch; 28-B
Reference: Butts, 1940, p. 126-127
- 9b Units: Blackford formation; Elway limestone; Five Oaks limestone; Lincolnshire limestone; Rockdell limestone
Location: About 2.75 miles south of Hill near Blackoak Branch, 28-B
Reference: Cooper, 1945, p. 245
- 9c Units: Benbolt limestone
Location: About 2.75 miles south of Hill near Blackoak Branch; 28-B
Reference: Cooper, 1945, p. 211-213
- 9d Units: Wardell formation
Location: About 2.75 miles south of Hill near Blackoak Branch; 28-B
Reference: Cooper, 1945, p. 214
- 9e Units: Witten limestone
Location: About 2.75 miles south of Hill near Blackoak Branch; 28-B
Reference: Cooper, 1945, p. 219

Section
Number

- 9f Units: Lincolnshire limestone
 Location: About 2.75 miles south of Hill along State Road 665; 28-B
 Reference: Brent, 1963, p. 23
- 9g Units: Benbolt and Wardell limestones
 Location: About 2.75 miles south of Hill along State Road 665; 28-B
 Reference: Brent, 1963, p. 26
- 10 Units: Ottosee limestone
 Location: About 8 miles northwest of Gate City in Rye Cove; 28-B
 Reference: Butts, 1940, p. 173
- 11 Units: Blackford formation; Elway limestone; Five Oaks limestone; Lincolnshire limestone; Rockdell limestone
 Location: About 1 mile north of Rye Cove; 28-B
 Reference: Cooper, 1945, p. 247
- 12 Units: Blackford formation; Rye Cove limestone; Benbolt and Wardell limestones
 Location: Near Rye Cove, about 0.8 mile southwest of Brick Church and 0.2 mile southeast of Carter Cemetery; 28-B
 Reference: Brent, 1963, p. 24
- 13 Units: Blackford formation; Elway limestone; Five Oaks limestone; Lincolnshire limestone
 Location: About 3.5 miles northeast of Clinchport along State Road 648; 28-B
 Reference: Cooper, 1945, p. 206-207
- 14a Units: "Knox" dolomite
 Location: About 1 mile north of Natural Tunnel along U. S. Highways 23, 58, and 421, and State Road 650; 28-B, 29-A
 Reference: Cooper, 1945, p. 200-201
- 14b Units: Nolichucky formation
 Location: Along the road from Pattonville to Clinchport in the Purchase Ridge area; 28-B, 29-A
 Reference: Rasetti, 1965, p. 24
- 15 Units: Rutledge limestone; Rogersville (?) shale; Maryville limestone
 Location: Southeast of Sunbright along U. S. Highway 23, 58 and 421; 29-A
 Reference: Cooper, 1945, p. 203-204

Section
Number

- 16 Units: Maccrady formation; St. Louis limestone; Ste. Genevieve limestone
Location: About 2 miles northeast of Duffield and a few hundred feet west of Sunbright; 29-A
Reference: Butts, 1940, p. 352-353
- 17 Units: Big Stone Gap shale
Location: Near Duffield; 29-A
Reference: Eby, Campbell, and Stose, 1923, p. 51
- 18 Units: Portage and Chemung formations; Chattanooga shale—Cumberland Gap member, Olinger member; Price sandstone; Maccrady formation
Location: About 1 mile east of Duffield along the Southern Railway; 29-A
Reference: Swartz, J. H., 1929, p. 435-436
- 19a Units: Rutledge limestone; Rogersville shale; Maryville limestone; Nolichucky shale; Knox dolomite; Pearisburg limestone; Russell shale; Rutledge limestone; Rogersville shale; Maryville limestone; Nolichucky shale; Knox dolomite; Holston formation; Moccasin limestone; Sevier shale
Location: From just north of Clinchport southward along the Southern Railway and then along Clinch Mountain to its crest; 28-B, 29-A
Reference: Bassler, 1907, p. 148-149
- 19b Units: Russell shale; Rutledge limestone; Rogersville shale; Maryville limestone; Nolichucky shale; Knox dolomite; Holston limestone; Russell shale; Rutledge limestone; Rogersville shale; Maryville limestone; Nolichucky shale; Knox dolomite; Holston limestone; Moccasin limestone; Sevier shale; Bays sandstone; Clinch sandstone
Location: From Clinchport southward along the Southern Railway and then to the crest of Clinch Mountain; 28-B, 29-A
Reference: Bassler, 1909, p. 224-225
- 20a Units: Maryville limestone; Nolichucky shale
Location: Just south of Clinchport along the Southern Railway; 28-B
Reference: Bassler, 1909, p. 150
- 20b Units: Knox formation
Location: Just south of Clinchport along the Southern Railway; 28-B
Reference: Bassler, 1909, p. 154

Section
Number

- 21a Units: Blackford formation; Elway limestone; Five Oaks limestone; Lincolnshire limestone; Rockdell limestone
Location: About 2 miles northeast of the community of Speers Ferry near State Road 642; 28-B
Reference: Cooper, 1945, p. 246
- 21b Units: Benbolt limestone
Location: About 2 miles northeast of the community of Speers Ferry near State Road 642; 28-B
Reference: Cooper, 1945, p. 213
- 21c Units: Witten limestone
Location: About 2 miles northeast of the community of Speers Ferry near State Road 642; 28-B
Reference: Cooper, 1945, p. 219
- 22a Units: Knox dolomite; Holston formation; Russell shale
Location: About 1.5 miles south of Clinchport along the Southern Railway; 28-B
Reference: Bassler, 1909, p. 229
- 22b Units: "Knox" dolomite
Location: About 1 mile south of Clinchport along the Clinchfield Railroad; 28-B
Reference: Cooper, 1945, p. 199
- 23 Units: Lincolnshire limestone; Rockdell limestone
Location: About 0.2 mile east of Speers Ferry Station in an abandoned quarry; 28-B
Reference: Cooper, 1945, p. 227-228
- 24 Units: Rockdell limestone
Location: About 1.4 miles east of Speers Ferry Post Office on the south side of Moccasin Ridge; 28-B
Reference: Cooper, 1945, p. 239-240
- 25a Units: Benbolt limestone
Location: About 2 miles east of Speers Ferry Post Office in an abandoned quarry; 28-B
Reference: Cooper, 1945, p. 210
- 25b Units: Wardell formation
Location: About 2 miles east of Speers Ferry Post Office along the south side of Moccasin Ridge; 28-B
Reference: Cooper, 1945, p. 216-217

Section
Number

- 26 Units: Tumblez limestone; Elway and Lincolnshire limestones; Rockdell limestone; Benbolt limestone
Location: About 2.5 miles east of Speers Ferry along the south side of Moccasin Ridge; 28-B
Reference: Cooper, 1945, p. 239
- 27 Units: Lincolnshire limestone; Rockdell limestone
Location: About 3.25 miles east of Speers Ferry along the south side of Moccasin Ridge; 28-B
Reference: Cooper, 1945, p. 238
- 28 Units: Tumblez limestone; Elway limestone; Lincolnshire limestone; Rockdell limestone
Location: About 4.7 miles east of Speers Ferry along the south side of Moccasin Ridge; 28-B
Reference: Cooper, 1945, p. 237-238
- 29 Units: Tumblez limestone; Elway limestone; Lincolnshire limestone; Rockdell limestone; Benbolt limestone
Location: About 5.9 miles east of Speers Ferry along the south side of Moccasin Ridge; 28-B
Reference: Cooper, 1945, p. 236-237
- 30 Units: Tumblez formation
Location: About 6 miles east of Speers Ferry; 28-B
Reference: Cooper, 1945, p. 206
- 31 Units: Tumblez and Elway limestones; Lincolnshire limestone; Rockdell limestone; Benbolt limestone
Location: Near Marcem at Marcem quarry; 28-A
Reference: Cooper, 1945, p. 225-226
- 32 Units: Rockdell limestone
Location: Near Gate City about 0.4 mile northeast of the intersection of State Highway 71 and U. S. Highway 23, 58, and 421; 28-A
Reference: Cooper, 1945, p. 235-236
- 33 Units: Knox group; Trenton and Nashville groups
Location: In the vicinity of Gate City along Rye Cove and Stony Creek roads from Clinch Mountain to Cooper Creek; 28-A
Reference: Stevenson, 1881, p. 253
- 34 Units: Tumblez and Elway limestones; Lincolnshire limestone; Rockdell limestone
Location: About 3 miles northeast of Moccasin Gap near State Highway 71 and State Road 669; 28-A
Reference: Cooper, 1945, p. 234-235

Section
Number

- 35 Units: Tumbez limestone; Elway limestone; Lincolnshire limestone; Rockdell limestone
Location: About 3 miles southwest of Nickelsville on both sides of State Road 613; 27-B
Reference: Cooper, 1945, p. 232-233
- 36a Units: Tumbez limestone; Elway limestone; Lincolnshire limestone; Rockdell limestone
Location: About 1 mile east of Snowflake on both sides of State Roads 613 and 786; 27-B
Reference: Cooper, 1945, p. 233-234
- 36b Units: Wardell formation
Location: About 1 mile east of Snowflake south of State Road 786 in an abandoned quarry; 27-B
Reference: Cooper, 1945, p. 215-216
- 37 Units: Wardell formation
Location: About 3 miles south of Nickelsville just southeast of State Road 613; 27-B
Reference: Cooper, 1945, p. 217-218
- 38 Units: Witten limestone
Location: About 3 miles south of Nickelsville just southeast of State Road 613; 27-B
Reference: Cooper, 1945, p. 220
- 39 Units: Witten limestone
Location: Just southwest of Dorton Fort along State Highway 71; 27-B
Reference: Cooper, 1945, p. 220
- 40a Units: Blackford formation; Elway limestone; Five Oaks limestone; Lincolnshire limestone; Rockdell limestone
Location: At Dorton Fort along State Highway 71; 27-B
Reference: Cooper, 1945, p. 243-244
- 40b Units: Benbolt limestone
Location: At Dorton Fort along State Highway 71; 27-B
Reference: Cooper, 1945, p. 211
- 41 Units: Elway limestone; Five Oaks limestone; Lincolnshire limestone; Rockdell limestone
Location: About 2.8 miles east of Nickelsville on the south side of Copper Creek; 59-D
Reference: Cooper, 1945, p. 242-243

Section
Number

- 42 Units: Tumbesz limestone; Elway limestone; Lincolnshire limestone; Rockdell limestone
Location: About 0.5 mile southwest of the Russell-Scott county line along State Road 613; 27-A
Reference: Cooper, 1945, p. 229-230
- 43a Units: Tumbesz formation; Elway limestone; Lincolnshire limestone; Rockdell limestone
Location: About 5 miles northeast of Mace Spring on both sides of State Road 613 and Big Moccasin Creek; 27-B
Reference: Cooper, 1945, p. 230-232
- 43b Units: Benbolt formation
Location: About 5 miles northeast of Mace Spring on both sides of State Road 613 and Big Moccasin Creek; 27-B
Reference: Cooper, 1945, p. 209
- 44 Units: Hamilton shale
Location: Along the railroad grade between Mendota and North Fork of Holston River; 27-A
Reference: Stevenson, 1881, p. 257-258
- 45 Units: Price formation
Location: In Jett Gap of Pine Ridge along State Road 690; 27-B
Reference: Averitt, 1941, p. 22-23
- 46 Units: Fido sandstone
Location: About 2.7 miles southeast of Hilton along a turn in U. S. Highway 58 and 421 near Gardner Cemetery; 27-B
Reference: Averitt, 1941, p. 8-9
- 47 Units: Fido sandstone
Location: About 2 miles south of Hilton and just south of the intersection of State Roads 697 and 700 near Fowlers Branch along State Road 697; 27-C
Reference: Averitt, 1941, p. 9
- 48 Units: Silicious group
Location: About 5 miles east of Gate City near the North Fork of Holston River; 27-B
Reference: Stevenson, 1881, p. 232
- 49a Units: Medina sandstone
Location: About 1.5 miles southeast of Gate City in Moccasin Gap; 28-A
Reference: Stevenson, 1881, p. 256

Section
Number

- 49b Units: Moccasin formation; Martinsburg formation—Trenton member
 Location: About 1 mile east of Gate City along the Southern Railway through Moccasin Gap; 28-A
 Reference: Rosenkrans, 1936, p. 108-110
- 50 Units: Portage shale; Big Stone Gap shale
 Location: Southeast of Gate City near Moccasin Gap; 28-A
 Reference: Eby, Campbell, and Stose, 1923, p. 51
- 51 Units: St. Louis limestone; Ste. Genevieve formation; Gasper limestone; Fido sandstone
 Location: About 3 miles southwest of Gate City along a small tributary of Possum Creek; 28-D
 Reference: Butts, 1940, p. 371
- 52 Units: Gasper limestone; Fido sandstone
 Location: About 3.5 miles southwest of Gate City along Langford Branch of Possum Creek; 28-C
 Reference: Butts, 1940, p. 378
- 53a Units: Witten limestone
 Location: About 4 miles east of Speers Ferry community southeast of Danlboone Yard of the Southern Railway on the north side of Clinch Mountain; 28-B
 Reference: Cooper, 1945, p. 220-221
- 53b Units: Moccasin formation
 Location: About 4 miles east of Speers Ferry community southeast of Danlboone Yard of the Southern Railway on the north side of Clinch Mountain; 28-B
 Reference: Cooper, 1945, p. 222
- 54 Units: Price formation
 Location: About 2 miles southeast of Kermit on the Clinchfield Railroad through Cowan Gap in Pine Ridge; 28-C
 Reference: Butts, 1940, p. 338-339
- 55 Units: Moccasin formation—lower member, middle member, upper member
 Location: Near Speers Ferry just east of the north end of the Clinch Mountain railroad tunnel; 28-B
 Reference: Brent, 1963, p. 30
- 56a Units: Holston formation; Moccasin limestone; Sevier shale; Bays sandstone

Section
Number

- Location: In the vicinity of Speers Ferry in railroad cuts and natural exposures; 28-B
Reference: Bassler, 1907, p. 136
- 56b Units: Knox formation—lower Knox, middle Knox, upper Knox
Location: Vicinity of Speers Ferry; 28-B
Reference: Bassler, 1909, p. 154
- 56c Units: Knox dolomite; Holston marble; Moccasin limestone; Sevier shale; Bays sandstone
Location: In the vicinity of Speers Ferry along the Clinchfield Railroad and on the north side of Clinch Mountain; 28-B
Reference: Bassler, 1909, p. 229-230
- 56d Units: Nolichucky formation—Maynardville limestone member; “Knox” formation—oolitic member, sandy dolomite member, lower cherty member, limy member, cherty dolomite member, pink dolomite member
Location: In the vicinity of Speers Ferry along the Clinchfield Railroad, the Southern Railway and U. S. Highways 23, 58, and 421; 28-B
Reference: Cooper, 1945, p. 192-198
- 56e Units: Lowville-Moccasin
Location: In the vicinity of Speers Ferry railroad station; 28-B
Reference: Butts, 1940, p. 181
- 56f Units: Blackford formation
Location: At Speers Ferry along the Clinchfield Railroad tracks; 28-B
Reference: Brent, 1963, p. 21
- 56g Units: Elway limestone
Location: At Speers Ferry along the Clinchfield Railroad tracks; 28-B
Reference: Brent, 1963, p. 22-23
- 57 Units: Rutledge limestone; Rogersville shale; Maryville limestone
Location: About 3 miles southwest of Speers Ferry Bridge across Clinch River along the southeast slope of River Knobs; 29-A
Reference: Cooper, 1945, p. 202-203
- 58 Units: Tumbez and Elway limestones; Lincolnshire limestone; Rockdell limestone
Location: About 3.25 miles southwest of Speers Ferry near Palmer School on both sides of State Road 629; 29-D
Reference: Cooper, 1945, p. 240-241

Section
Number

- 59 Units: Benbolt limestone
Location: About 3.5 miles southwest of Speers Ferry across State Road 629 and along the northwest slope of Clinch Mountain; 29-D
Reference: Cooper, 1945, p. 210-211
- 60a Units: Wardell formation
Location: About 3.5 miles southwest of Speers Ferry along the northwest slope of Clinch Mountain; 29-D
Reference: Cooper, 1945, p. 217
- 60b Units: Witten limestone
Location: About 3.5 miles southwest of Speers Ferry along the northwest slope of Clinch Mountain; 29-D
Reference: Cooper, 1945, p. 221
- 61 Units: Tumbes limestone; Elway limestone; Lincolnshire limestone; Rockdell limestone
Location: About 6.5 miles southwest of Speers Ferry measured across Robinette Valley near Powers Gap; 29-D
Reference: Cooper, 1945, p. 241-242

Shenandoah County

Section
Number

- 1 Units: Mosheim limestone
Location: About 2 miles northeast of Strasburg along State Road 629; 218-D
Reference: Edmundson, 1945, p. 44
- 2 Units: Beekmantown formation
Location: About 2 miles northeast of Strasburg and 200 yards southwest of the Central Chemical Company plant; 218-D
Reference: Edmundson, 1945, p. 67
- 3 Units: Chambersburg formation; Martinsburg shale
Location: In the vicinity of Strasburg; 209-A
Reference: Bassler, 1909, p. 56
- 4 Units: Edinburg limestone; Oranda formation; Martinsburg formation
Location: Just north of Strasburg along State Highway 55; 209-A
Reference: Cooper and Cooper, 1946, p. 87-88
- 5 Units: Mosheim limestone
Location: About 0.5 mile northeast of Strasburg Junction near the Powhatan Lime Company quarries; 209-A, 209-B
Reference: Edmundson, 1945, p. 45
- 6a Units: Chambersburg (Black River) formation; Martinsburg shales
Location: From just west of Strasburg Junction to Strasburg along the Southern Railway tracks; 209-A, 209-B
Reference: Bassler, 1907, p. 95
- 6b Units: New Market limestone; Lincolnshire limestone; Edinburg limestone
Location: East of Strasburg Junction along and near the Southern Railway tracks; 209-A, 209-B
Reference: Cooper and Cooper, 1946, p. 94-95
- 7 Units: Mosheim limestone; Lenoir limestone
Location: About 500 feet south of Strasburg Junction at the Shenandoah Lime Company quarry; 209-B
Reference: Edmundson, 1945, p. 46
- 8 Units: Mosheim limestone; Lenoir limestone
Location: About 0.5 mile southwest of Strasburg Junction at the Strasburg Lime Company quarry; 209-B
Reference: Edmundson, 1945, p. 47

Section
Number

- 9a Units: Chambersburg limestone; Martinsburg formation
Location: About 1.25 miles southwest of Strasburg along State Road 601 and Tumbling Run between Fishers Hill community and U. S. Highway 11; 209-B
Reference: Rosenkrans, 1933, p. 416-417
- 9b Units: Mosheim limestone; Lenoir limestone; Chambersburg limestone
Location: About 1.5 miles southwest of Strasburg and northwest of U. S. Highway 11 along Tumbling Run; 209-B
Reference: Butts, 1940, p. 197-198
- 9c Units: Mosheim limestone; Lenoir limestone
Location: About 1.5 miles southwest of Strasburg along State Road 601 and Tumbling Run; 209-B
Reference: Edmundson, 1945, p. 47
- 9d Units: Lenoir limestone; Chambersburg limestone
Location: About 1.5 miles southwest of Strasburg along State Road 601 and Tumbling Run; 209-B
Reference: Edmundson, 1945, p. 63
- 9e Units: Lincolnshire limestone
Location: About 2 miles southwest of Strasburg along Tumbling Run; 209-B
Reference: Cooper and Cooper, 1946, p. 76
- 9f Units: New Market limestone; Lincolnshire limestone; Edinburg limestone; Oranda formation
Location: Southwest of Strasburg along Tumbling Run; 209-B
Reference: Cooper and Cooper, 1946, p. 95-96
- 9g Units: New Market limestone; Lincolnshire limestone; Edinburg limestone; Oranda formation
Location: About 1.5 miles southwest of Strasburg along Tumbling Run; 209-B
Reference: Butts and Edmundson, 1966, p. 26-28
- 10 Units: Mosheim limestone; Lenoir limestone
Location: About 1 mile northeast of Toms Brook east of U. S. Highway 11; 209-B
Reference: Edmundson, 1945, p. 48
- 11a Units: Stones River limestone; Chambersburg limestone
Location: About 2 miles northeast of Woodstock, along the gorge of Pughs Run to the North Fork of the Shenandoah River; 209-B
Reference: Bassler, 1909, p. 84

Section
Number

- 11b Units: Beekmantown formation
 Location: About 2 miles northeast of Woodstock along Pughs Run; 209-B, 210-A
 Reference: Edmundson, 1945, p. 66
- 11c Units: Mosheim limestone; Lenoir limestone
 Location: About 2 miles northeast of Woodstock along Pughs Run; 209-B
 Reference: Edmundson, 1945, p. 49
- 12 Units: Chambersburg limestone
 Location: Just east of Woodstock along the small creek and in the field near the ice factory; 210-A
 Reference: Bassler, 1909, p. 83
- 13 Units: Edinburg limestone; Oranda formation
 Location: About 1.5 miles south of Woodstock and 0.3 mile east of U. S. Highway 11; 210-D
 Reference: Cooper and Cooper, 1946, p. 96
- 14a Units: Beekmantown formation; Mosheim limestone
 Location: About 1 mile northeast of Edinburg along the North Fork of the Shenandoah River at a dam; 210-D
 Reference: Edmundson, 1945, p. 50
- 14b Units: Lenoir limestone
 Location: About 1 mile northeast of Edinburg along the North Fork of the Shenandoah River; 210-D
 Reference: Edmundson, 1945, p. 62
- 14c Units: New Market limestone; Lincolnshire limestone; Edinburg formation
 Location: About 1.5 miles N.61°E. of Edinburg; 210-D
 Reference: Cooper and Cooper, 1946, p. 81
- 15a Units: Mosheim limestone
 Location: About 0.75 mile southwest of Lantz Mills and 0.4 mile north of State Road 693; 210-D
 Reference: Edmundson, 1945, p. 54
- 15b Units: Mosheim limestone; Lenoir limestone
 Location: About 0.8 mile southwest of Lantz Mills along a tributary to Stony Creek; 210-D
 Reference: Edmundson, 1945, p. 54-55

Section
Number

- 16 Units: Mosheim limestone
Location: About 1 mile northeast of St. Luke and 500 feet northwest of State Road 623; 210-A
Reference: Edmundson, 1945, p. 57
- 17 Units: Mosheim limestone
Location: About 1 mile southwest of Fairview and 1.5 miles northeast of St. Luke; 210-A
Reference: Edmundson, 1945, p. 60-61
- 18 Units: Mosheim limestone; Lenoir limestone; Chambersburg limestone
Location: About 0.5 mile east of St. Luke and 800 feet north of State Road 605; 210-A
Reference: Edmundson, 1945, p. 58
- 19a Units: Mosheim limestone
Location: Approximately 2.5 miles west of Lantz Mills and about 800 feet southwest of Swover Creek; 210-C
Reference: Edmundson, 1945, p. 59
- 19b Units: Mosheim limestone; Lenoir limestone; Chambersburg limestone
Location: About 2.5 miles west of Lantz Mills along Swover Creek; 210-C
Reference: Edmundson, 1945, p. 58-59
- 19c Units: New Market limestone; Lincolnshire limestone; Edinburg formation—Lantz Mill facies, St. Luke limestone member
Location: About 4.6 miles N.69°W. of Edinburg along Swover Creek; 210-C
Reference: Cooper and Cooper, 1946, p. 82
- 20 Units: Oriskany sandstone; Romney shale—Onondaga member, Marcellus member, Hamilton member
Location: About 2.5 miles northeast of Orkney Springs on the east side of North Mountain at Shenandoah Alum Springs; 211-D
Reference: Kindle, 1912, p. 43
- 21 Units: Beekmantown formation; Mosheim limestone
Location: About 1.5 miles northwest of Mt. Jackson along Crooked Run; 210-C
Reference: Edmundson, 1945, p. 55-56
- 22 Units: Mosheim limestone
Location: About 0.3 mile southeast of Forestville and about 100 yards north of State Road 767; 199-B
Reference: Edmundson, 1945, p. 56

Section
Number

- 23 Units: Mosheim limestone
Location: About 1.25 mile southwest of Forestville along State Road 614; 199-B
Reference: Edmundson, 1945, p. 60
- 24a Units: Mosheim limestone
Location: About 0.5 mile southwest of New Market at the Madden quarry; 199-B
Reference: Edmundson, 1945, p. 52-53
- 24b Units: New Market limestone
Location: Southwest of New Market in the Madden quarry; 199-B
Reference: Cooper and Cooper, 1946, p. 72
- 25 Units: Mosheim limestone
Location: About 0.5 mile north of New Market; 199-B
Reference: Edmundson, 1945, p. 51
- 26 Units: Mosheim limestone
Location: About 1.5 miles north of New Market and 100 yards east of the North Fork of the Shenandoah River; 199-B
Reference: Edmundson, 1945, p. 51
- 27 Units: Chepultepec limestone
Location: About 0.5 mile south of Quicksburg along the bluff above the North Fork of the Shenandoah River; 199-B
Reference: Edmundson, 1945, p. 61
- 28 Units: Mosheim limestone
Location: About 1.5 miles east of Quicksburg and 0.3 mile west of U. S. Highway 11; 199-B
Reference: Edmundson, 1945, p. 50
- 29a Units: Chambersburg limestone
Location: About 4 miles northeast of New Market between U. S. Highway 11 and an abandoned quarry; 199-B
Reference: Edmundson, 1945, p. 64
- 29b Units: Edinburg limestone; Oranda formation
Location: About 3.7 miles south of Mt. Jackson near U. S. Highway 11 in the vicinity of Cedar Grove Church; 199-B
Reference: Cooper and Cooper, 1946, p. 96-97
- 30 Units: Tonoloway limestone; Keyser limestone; Onondaga shale
Location: About 1.5 miles east of Moreland Gap in Massanutten Mountain along the headwaters of Passage Creek; 199-A
Reference: Woodward, 1943, p. 189-190

Section
Number

- 31 Units: Bloomsburg formation; Wills Creek (?) formation; Helderberg and Cayuga (?); Oriskany (?) sandstone
Location: About 3 miles southeast of Woodstock at the northwest entrance to Woodstock Gap in Massanutten Mountain; 209-C
Reference: Butts, 1940, p. 254
- 32a Units: Lewistown limestone; Monterey sandstone
Location: At Seven Fountains; 209-C
Reference: Bassler, 1907, p. 153
- 32b Units: Tonoloway limestone—Indian Springs red bed member; Keyser limestone—lower limestone member, sandstone member
Location: About 0.5 mile north of Seven Fountains; 209-C
Reference: Swartz, 1938, p. 26
- 33 Units: Tuscarora sandstone; Clinton formation; Cayuga age rocks; Helderberg (?) formation; Oriskany sandstone; Romney shale
Location: About 6 miles east of Woodstock in Mine Gap through Green Mountain at Powells Fort Mine; 209-B
Reference: Stose and Miser, 1922, p. 96
- 34 Units: Martinsburg shale
Location: About 4.25 miles southeast of Strasburg near the northern end of Passage Creek Valley along State Road 678 about 1.75 miles south of its junction with State Highway 55; 209-A
Reference: Secrist and Evitt, 1943, p. 359, 362

Smyth County

Section
Number

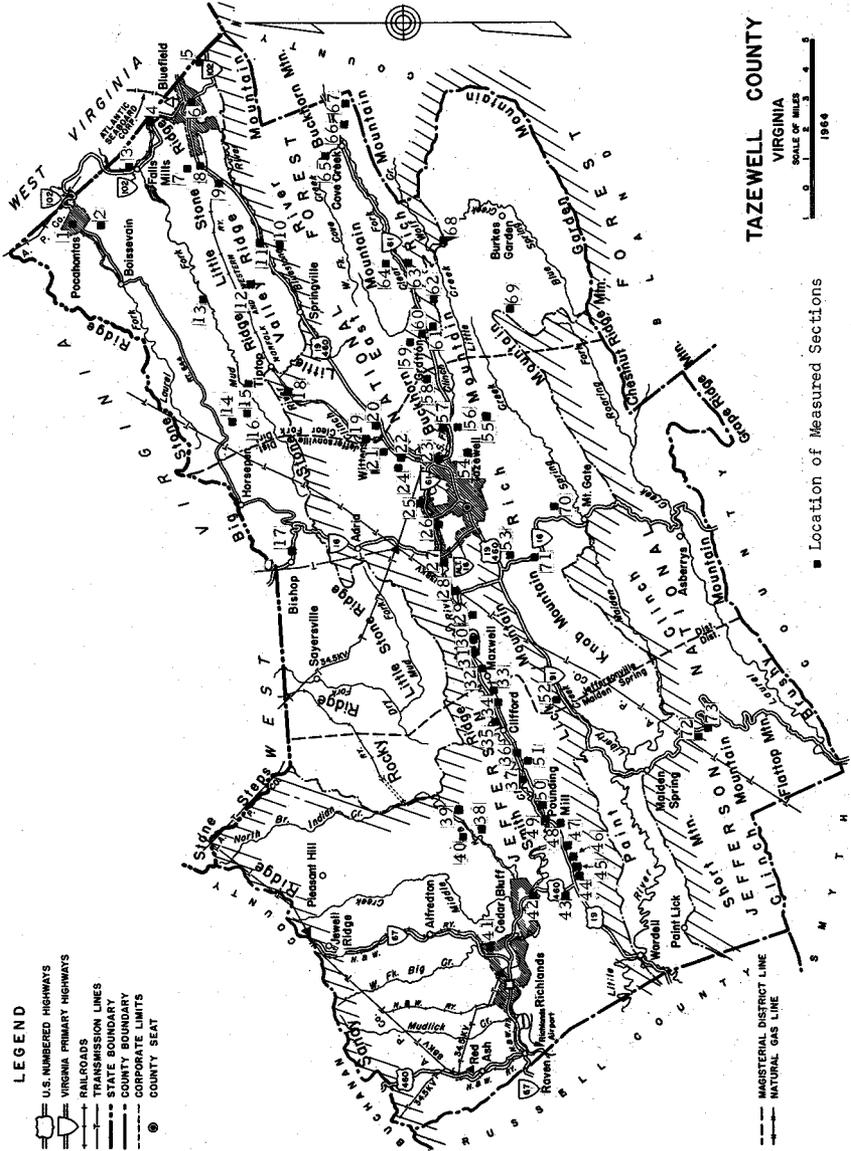
- 1 Units: Maccrady formation
Location: East of Broadford; 56-B
Reference: Stose, 1913, p. 68
- 2a Units: Genesee shale; Portage shale; Big Stone Gap (?) shale;
Chemung formation
Location: Just north of Broadford in the vicinity of State Highway
91; 56-B
Reference: Swartz, 1926, p. 529-530
- 2b Units: Chemung formation; Price formation; Maccrady formation;
Warsaw limestone
Location: About 6 miles northeast of Saltville in Broadford Gap;
56-B
Reference: Butts, 1940, p. 340-341
- 3 Units: Maccrady formation
Location: About 0.25 mile northeast of North Holston and east of
Watson Gap; 56-B
Reference: Stose, 1913, p. 68
- 4 Units: Price formation; Maccrady formation; Warsaw limestone
Location: West of McCready along the abandoned railroad grade;
56-B
Reference: Butts, 1940, p. 351
- 5 Units: Maccrady formation
Location: About 0.5 mile southwest of McCready at the river cliff
on the North Fork of the Holston River; 56-B
Reference: Stose, 1913, p. 67
- 6a Units: Price sandstone; Maccrady formation; Newman limestone
Location: In the vicinity of Saltville; 57-A
Reference: Stose, 1913, p. 52-53
- 6b Units: Genesee shale; Portage shale; Chemung formation
Location: In the vicinity of Saltville; 57-A
Reference: Eby, Campbell, and Stose, 1923, p. 52
- 7a Units: Knox dolomite; Lenoir limestone; Athens shale; Holston
limestone; Moccasin limestone; Sevier (Trenton and Utica) shale;
Sevier (Eden) shale; Bays sandstone
Location: About 3.5 miles northwest of Chilhowie along State High-
way 107 through Lyons Gap; 56-C
Reference: Bassler, 1907, p. 146

Section
Number

- 7b Units: Knox dolomite; Stones River limestone; Athens shale; Holston limestone; Moccasin limestone; Sevier shale; Bays standstone
Location: About 4 miles northwest of Chilhowie along State Highway 107 and State Road 617 from intersection with State Road 610 to the crest of Walker Mountain at Lyons Gap; 56-C
Reference: Bassler, 1909, p. 219
- 8 Units: Holston limestone; Whitesburg limestone
Location: About 5 miles southeast of Saltville in the Porterfield quarry; 56-B
Reference: Butts, 1940, p. 149-150
- 9 Units: Ottosee limestone
Location: About 2 miles due south of Chatham Hill near State Highway 16 along the northwest slope of Walker Mountain; 56-A
Reference: Butts, 1940, p. 173
- 10a Units: Stones River formation; Athens shale; Holston marble; Moccasin limestone; Sevier shale; Bays sandstone; Clinch sandstone
Location: About 4 miles north of Marion on the northwest slope of Walker Mountain; 56-A
Reference: Bassler, 1909, p. 160-161
- 10b Units: Martinsburg formation
Location: North of Marion on the northwest slope of Walker Mountain along State Highway 16; 56-A
Reference: Walker, 1970, p. 228
- 11 Units: Ottosee formation
Location: About 1 mile north of Marion near State Road 617; 56-D
Reference: Cooper, 1936, p. 147
- 12 Units: Ottosee formation
Location: About 6 miles west of Marion on the southeast slope of Brushy Mountain near Walker Creek; 56-D
Reference: Cooper, 1936, p. 145
- 13 Units: Ottosee formation
Location: About 5.5 miles west of Marion on the northwest side of Wassum Valley; 56-D
Reference: Cooper, 1936, p. 146
- 14a Units: Oriskany
Location: About 5 miles west of Marion along Walker Creek at the east end of Brushy Mountain; 56-D
Reference: Stose, 1914, p. 393

Section
Number

- 14b Units: Martinsburg shale; Onondaga formation; Marcellus shale
Location: About 5 miles northwest of Marion near State Road 659
along Walker Creek; 56-D
Reference: Butts, 1940, p. 298
- 15 Units: Nolichucky formation
Location: About 0.75 mile northwest of Marion along State Road
665; 56-D
Reference: Cooper, 1936, p. 135
- 16 Units: Rome formation; Elbrook formation
Location: In Marion on Church Street 0.75 mile south of Main
Street; 56-D
Reference: Miller, 1944, p. 28-29
- 17 Units: Watauga shale
Location: South of Marion; 56-D
Reference: Stose and others, 1919, p. 26
- 18 Units: Erwin quartzite
Location: About 1.5 miles northeast of Sugar Grove along State
Highway 16; 55-C
Reference: Miller, 1944, p. 16
- 19a Units: Erwin quartzite; Shady dolomite
Location: One mile southwest of Sugar Grove along an abandoned
railroad grade; 55-C
Reference: Stose and others, 1919, p. 23
- 19b Units: Erwin quartzite; Shady dolomite
Location: About 1 mile south of Sugar Grove along Dickey Creek
near State Highway 16; 55-C
Reference: Miller, 1944, p. 16-18
- 20 Units: Erwin quartzite
Location: About 4 miles southeast of Adwolf along State Road 650;
56-D
Reference: Currier, 1935, p. 16
- 21 Units: Rome formation; Elbrook formation
Location: About 6 miles southwest of Marion northwest of Holston
Mill; 56-D
Reference: Butts, 1940, p. 76
- 22 Units: Unicoi formation
Location: About 1.5 miles northeast of Konnarock in a gorge of
Little Laurel Creek along State Road 600; 24-A
Reference: Butts, 1940, p. 30-31



Location Map of Tazewell County

Tazewell County

Section
Number

- 1 Units: Lee formation
 Location: Southward from the ridge at the State line to Pocahontas and then in a bore hole near the station; 115-D
 Reference: Lathrop, 1884, p. 97

- 2 Units: Bluefield shale; Stony Gap sandstone
 Location: About 1 mile southwest of Pocahontas along State Road 728; 115-D
 Reference: Butts, 1940, p. 389

- 3 Units: Hinton group—Hackett sandstone, Low Gap sandstone, upper Tallery shale, Tallery limestone, Tallery sandstone, upper Five Mile shale, Falls Mills limestone, Falls Mills shale, Falls Mills sandstone, lower Pluto shale, Terry and Pluto shales; Princeton conglomerate
 Location: From just south of Falls Mills station northward along the Norfolk and Western Railway tracks; 115-D
 Reference: Reger and Price, 1926, p. 190

- 4a Units: Bluefield group—Glenray limestone, Indian Mills sandstone, Bradshaw shale, Bradshaw sandstone, lower Bertha shale, Bertha limestone, Bertha sandstone, Graham coal, upper Graham shale, Graham limestone, Graham sandstone
 Location: Starting about 0.8 mile northwest of Bluefield and proceeding southeastward along the Norfolk and Western Railway tracks to Bluefield; 115-D
 Reference: Reger and Price, 1926, p. 191-192

- 4b Units: Pennington formation; Princeton conglomerate
 Location: Within 1 mile northwest of Bluefield along State Highway 102; 115-D
 Reference: Butts, 1940, p. 395-396

- 5a Units: Clinton formation; Tonoloway limestone; Keyser limestone—Clifton Forge member, upper Keyser member (?); Coeymans limestone (?); Healing Springs sandstone; Port Ewen beds (?); Rocky Gap (Port Jarvis) sandstone; Huntersville chert
 Location: In Bluefield near the ball park; 84-B, 85-A
 Reference: Woodward, 1943, p. 233-234

- 5b Units: "New Scotland" formation
 Location: In Bluefield at the south entrance to the ball park; 84-B, 85-A
 Reference: Cooper, 1944b, p. 124-125

Section
Number

- 5c Units: Rocky Gap sandstone; Ridgeley sandstone; Huntersville chert
Location: In Bluefield at the ball park; 84-B, 85-A
Reference: Cooper, 1944b, p. 128-129
- 6 Units: Price formation
Location: In Bluefield along College Avenue; 85-A, 115-D
Reference: Cooper, 1944b, p. 147-150
- 7 Units: "Gasper" limestone
Location: About 0.5 mile west of West Graham north of U. S. Highway 19; 85-A
Reference: Cooper, 1944b, p. 166-167
- 8 Units: Price formation; Maccrady formation; Warsaw formation
Location: About 2 miles west of Bluefield along U. S. Highway 19; 85-A
Reference: Butts, 1940, p. 341-342
- 9a Units: Beekmantown dolomite; Murfreesboro limestone; Mo-sheim (?) limestone; Lenoir limestone
Location: About 2.5 miles southwest of Bluefield, just south of the St. Clair railroad station; 85-A
Reference: Butts, 1940, p. 123-124
- 9b Units: Clifffield formation
Location: South of St. Clair along State Road 650; 85-A
Reference: Cooper, 1944b, p. 51-52
- 10a Units: Benbolt limestone—Shannondale limestone member
Location: About 0.75 mile south of Shannondale; 85-A
Reference: Cooper and Prouty, 1943, p. 869
- 10b Units: Clifffield formation—Blackford member, Five Oaks limestone member, Lincolnshire limestone member, Ward Cove limestone member, Peery limestone member
Location: South of Shannondale; 85-A
Reference: Cooper, 1944b, p. 50-51
- 10c Units: Witten limestone
Location: About 1 mile south of Shannondale; 85-A
Reference: Cooper, 1944b, p. 91
- 10d Units: Peery limestone
Location: About 1 mile south of Shannondale; 85-A
Reference: Cooper, 1945, p. 56

Section
Number

- 10e Units: Gratton limestone
Location: About 1 mile south of Shannondale; 85-A
Reference: Cooper, 1945, p. 59-60
- 10f Units: Clifffield formation—Blackford member, Five Oaks limestone member, Lincolnshire limestone member, Ward Cove limestone member, Peery limestone member; Benbolt limestone; Gratton limestone; Witten limestone; Moccasin facies of the Trenton
Location: About 4 miles southwest of Bluefield along State Road 665 and southeast of U. S. Highway 19; 85-A
Reference: Woodward, 1951, p. 306-308
- 11 Units: Witten limestone; Moccasin formation
Location: About 3 miles southwest of Bluefield along U. S. Highway 19 near Shannondale; 85-A
Reference: Prouty, 1946, p. 1173
- 12a Units: Maccrady formation
Location: About 75 yards south of Bailey along State Road 656; 85-B
Reference: Cooper, 1944b, p. 152-153
- 12b Units: Little Valley formation
Location: Just south of Bailey along State Road 656; 85-B
Reference: Cooper, 1945, p. 70
- 13a Units: Bluestone formation—Mud Fork member
Location: About 1.5 miles northwest of Bailey along State Road 656; 85-B
Reference: Cooper, 1944b, p. 184
- 13b Units: Bluestone formation—Belcher member
Location: About 1.5 miles northwest of Bailey along State Road 656; 85-B
Reference: Cooper, 1944b, p. 185
- 14 Units: Bluefield shale
Location: About 2.5 miles northwest of Tiptop on the northwest slope of Abbs Valley Ridge along State Road 655; 85-B
Reference: Cooper, 1944b, p. 170-171
- 15 Units: Bluestone formation—Glady Fork sandstone member
Location: Southeast of Mud Fork along State Road 655; 85-B
Reference: Cooper, 1944b, p. 183

Section
Number

- 16a Units: Pennington formation—Stony Gap sandstone member
Location: About 1.5 miles north of Mud Fork along State Road 655; 85-B
Reference: Cooper, 1944b, p. 174
- 16b Units: Pennington formation
Location: Northwest of Mud Fork along State Road 655; 85-B
Reference: Cooper, 1944b, p. 175-179
- 17 Units: Little Valley formation; Hillsdale limestone; "Ste. Genevieve" limestone; "Gasper" limestone
Location: Just southeast of Bishop along State Highway 16; 86-A
Reference: Cooper, 1945, p. 72-78
- 18 Units: "Ste. Genevieve" limestone
Location: About 1 mile southwest of Tiptop along and near the Norfolk and Western Railway tracks; 85-B
Reference: Cooper, 1945, p. 81-83
- 19a Units: Copper Ridge formation; Beekmantown formation
Location: South of Wittens Mills along the Norfolk and Western Railway tracks; 85-B
Reference: Cooper, 1944b, p. 250-252
- 19b Units: Honaker formation
Location: Just north of Wittens Mills along State Road 651 and State Road 650; 85-B
Reference: Cooper, 1945, p. 21-22
- 19c Units: "Knox" dolomite—oolitic member, sandy member, lower cherty member, limy member, upper cherty member, pink dolomite member
Location: Just south of Wittens Mills along the Norfolk and Western Railway tracks; 85-B
Reference: Cooper, 1945, p. 28-30
- 20 Units: Gratton limestone
Location: Southeast of Witten Mills along U. S. Highway 19; 85-B
Reference: Cooper, 1945, p. 60
- 21a Units: Clifffield formation—Blackford member
Location: At Five Oaks, beginning 50 feet east of the north quarry; 85-B
Reference: Cooper and Prouty, 1943, p. 824, 884
- 21b Units: Clifffield formation—Blackford member, Five Oaks limestone member, Lincolnshire limestone member

Section
Number

- Location: Just north of Five Oaks in a quarry near the bend in the railroad; 85-B
Reference: Cooper, 1944b, p. 241
- 21c Units: Cliffield formation—Blackford member
Location: At Five Oaks; 85-B
Reference: Cooper, 1944b, p. 37-38
- 21d Units: Elway limestone; Five Oaks limestone; Lincolnshire limestone
Location: At Five Oaks in the lime quarry; 85-B
Reference: Cooper, 1945, p. 44
- 22a Units: Chickamauga limestone; Moccasin limestone
Location: From about 0.25 mile west of Five Oaks east to the station and beyond the quarry along and near the Norfolk and Western Railway tracks; 85-B
Reference: Bassler, 1909, p. 210
- 22b Units: Benbolt limestone; Gratton limestone; Witten limestone; Moccasin formation; Eggleston formation; Martinsburg formation
Location: About 0.25 mile south-southwest of Five Oaks along the Norfolk and Western Railway tracks; 85-B
Reference: Cooper, 1944b, p. 249
- 22c Units: Witten limestone; Moccasin formation
Location: Near Five Oaks west of the Norfolk and Western Railway tracks; 85-B
Reference: Cooper, 1945, p. 67
- 23 Units: Eggleston formation
Location: About 0.25 mile north of Benbolt along State Highway 61; 85-B
Reference: Cooper, 1944b, p. 102
- 24a Units: Cliffield formation—Lincolnshire limestone member
Location: About 1 mile west of Five Oaks along Lincolnshire Branch; 85-B
Reference: Cooper and Prouty, 1943, p. 827, 884
- 24b Units: Lincolnshire limestone
Location: Just west of Five Oaks along Lincolnshire Branch; 85-B
Reference: Cooper, 1945, p. 46
- 25a Units: Chickamauga limestone
Location: In the vicinity of Tazewell along or near the Norfolk and Western Railway tracks; 86-A
Reference: Bassler, 1909, p. 174

Section
Number

- 25b Units: Five Oaks limestone; Lincolnshire and Ward Cove limestones; Peery limestone
Location: Just north of North Tazewell in a quarry; 86-A
Reference: Cooper, 1945, p. 55, 84-86
- 26a Units: Chickamauga limestone
Location: At North Tazewell along the railroad; 86-A
Reference: Bassler, 1909, p. 213
- 26b Units: Gratton limestone
Location: At North Tazewell just southwest of the junction of State Highways 61 and 16 in a quarry; 86-A
Reference: Cooper, 1945, p. 60
- 27 Units: Peery limestone
Location: Near North Tazewell west of the junction of State Highway 16 and Alternate State Highway 16; 86-A
Reference: Cooper, 1945, p. 54
- 28 Units: Peery limestone
Location: About 2.2 miles west of North Tazewell near Clinch River; 86-D
Reference: Cooper, 1945, p. 54
- 29 Units: Gratton limestone
Location: About 2 miles northwest of Maxwell along U. S. Highway 19; 86-D
Reference: Cooper, 1945, p. 61-62
- 30 Units: Gratton limestone
Location: About 0.7 mile east of Youngs, south of the Norfolk and Western Railway tracks; 86-D
Reference: Cooper, 1945, p. 62
- 31 Units: Peery limestone; Benbolt limestone
Location: About 1 mile east of Maxwell along the Norfolk and Western Railway tracks; 86-D
Reference: Cooper, 1945, p. 58
- 32a Units: Peery limestone
Location: Near Maxwell adjacent to U. S. Highway 19; 86-D
Reference: Cooper, 1945, p. 54
- 32b Units: Benbolt limestone; Gratton limestone
Location: Near Maxwell in the Blue Grass Lime Company's quarry; 86-D
Reference: Cooper, 1945, p. 62-63

Section
Number

- 33 Units: Peery limestone
Location: About 0.5 mile southwest of Maxwell along U. S. Highway 19; 86-C
Reference: Cooper, 1945, p. 53
- 34 Units: Peery limestone
Location: About 1.1 miles northeast of Clifffield between U. S. Highway 19 and the Norfolk and Western Railway tracks; 86-C
Reference: Cooper, 1945, p. 53
- 35 Units: Peery limestone
Location: About 0.4 mile east of Clifffield and north of U. S. Highway 19; 86-C
Reference: Cooper, 1945, p. 52-53
- 36 Units: Peery limestone
Location: At Gillespie, between U. S. Highway 19 and the Norfolk and Western Railway tracks; 86-C
Reference: Cooper, 1945, p. 52
- 37 Units: Benbolt limestone
Location: About 2 miles northeast of Pounding Mill along U. S. Highway 19; 86-C
Reference: Cooper, 1945, p. 57
- 38 Units: Price formation; Maccrady (?) formation; St. Louis or Warsaw limestone; St. Louis (?) limestone; Ste. Genevieve (?) limestone
Location: About 2.5 miles southwest of Bandy; 86-C
Reference: Butts, 1940, p. 362
- 39a Units: Ste. Genevieve limestone; Gasper limestone
Location: About 3 miles north of Pounding Mill between Bandy and Busthead; 86-C
Reference: Butts, 1940, p. 367-368
- 39b Units: Maccrady formation; Little Valley formation; Hillsdale limestone; "Gasper" and "Ste. Genevieve" limestones
Location: About 1.5 miles southwest of Bandy along State Road 627; 86-C
Reference: Cooper, 1945, p. 78-81
- 40 Units: Grainger shale; Maccrady formation; Newman limestone
Location: About 3 miles north of Pounding Mill, in a railroad cut near the mouth of Laurel Fork of Indian Creek; 86-C
Reference: Harnsberger, 1919, p. 11

Section
Number

- 41 Units: Little Valley limestone; dolomite of uncertain age; Rome formation
Location: Near Cedar Bluff Station; 87-D
Reference: Cooper, 1945, p. 39-40
- 42 Units: Honaker formation
Location: Just south of Cedar Bluff along U. S. Highway 460; 87-D
Reference: Cooper, 1945, p. 22-25
- 43 Units: Nolichucky formation; "Knox" formation—oolitic member, sandy member, lower cherty member, limy member, upper cherty member, pink dolomite member
Location: Between Claypool Hill and Cedar Bluff along the west side of U. S. Highway 460; 87-D
Reference: Cooper, 1945, p. 30-38
- 44 Units: Peery limestone
Location: About 0.25 mile east of Claypool Hill just south of U. S. Highways 19 and 460; 86-C
Reference: Cooper, 1945, p. 50
- 45 Units: Peery limestone
Location: About 0.5 mile east of Claypool Hill just south of U. S. Highways 19 and 460 in a quarry; 86-C
Reference: Cooper, 1945, p. 50
- 46 Units: Peery limestone
Location: About 1.7 miles west of Pounding Mill south of U. S. Highways 19 and 460; 86-C
Reference: Cooper, 1945, p. 50
- 47 Units: Peery limestone
Location: About 0.8 mile west of Pounding Mill south of U. S. Highways 19 and 460; 86-C
Reference: Cooper, 1945, p. 51
- 48 Units: Benbolt limestone—Burkes Garden limestone member
Location: About 1.5 miles south of Pounding Mill and immediately south of U. S. Highways 19 and 460 along State Road 637 and Pounding Mill Branch; 86-C
Reference: Cooper and Prouty, 1943, p. 869
- 49 Units: Clifffield formation—Blackford member, Five Oaks limestone member, Lincolnshire limestone member, Ward Cove limestone member, Peery limestone member
Location: Just southwest of Pounding Mill from about 100 yards northwest of the intersection of U. S. Highway 19 and State

Section
Number

- Road 637 to about 50 yards south of the Norfolk and Western Railway underpass along U. S. Highway 19; 86-C
Reference: Cooper and Prouty, 1943, p. 864-865
- 50a Units: Ward Cove limestone; Peery limestone
Location: Just southeast of Pounding Mill in a quarry; 86-C
Reference: Cooper, 1945, p. 48-49
- 50b Units: Peery limestone
Location: Just east of Pounding Mill and south of U. S. Highway 19 in a quarry; 86-C
Reference: Cooper, 1945, p. 51
- 50c Units: Gratton limestone
Location: Just southeast of Pounding Mill in a quarry; 86-C
Reference: Cooper, 1945, p. 63
- 51 Units: Peery limestone
Location: About 0.6 mile southwest of Gillespie and south of U. S. Highway 19; 86-C
Reference: Cooper, 1945, p. 52
- 52a Units: Peery limestone
Location: About 1.5 miles northeast of Liberty Hill on the north side of State Highway 91 in a quarry; 86-C
Reference: Cooper, 1945, p. 55
- 52b Units: Gratton limestone
Location: About 1.5 miles northeast of Liberty, just south of State Highway 81 in a quarry; 86-C
Reference: Cooper, 1945, p. 63
- 52c Units: Wardell formation
Location: About 1.5 miles northeast of Liberty Hill, just north of State Highway 91; 86-C
Reference: Cooper, 1945, p. 64
- 53a Units: Ward Cove limestone
Location: About 2 miles west-southwest of Tazewell near State Highway 16 and Plum Creek; 86-D
Reference: Cooper, 1945, p. 48
- 53b Units: Gratton limestone
Location: About 2 miles west-southwest of Tazewell near State Highway 16 and Plum Creek; 86-D
Reference: Cooper, 1945, p. 61

Section
Number

- 54a Units: Benbolt limestone—Shannondale limestone member, Burkes Garden limestone member
Location: About 1.25 miles south of Benbolt along the side of Rich Mountain; 85-C
Reference: Cooper and Prouty, 1943, p. 871
- 54b Units: Gratton limestone
Location: About 1.5 miles southeast of Tazewell along the slopes of Rich Mountain; 85-C
Reference: Cooper and Prouty, 1943, p. 872
- 54c Units: Benbolt limestone—Shannondale limestone member, Burkes Garden limestone member
Location: About 1.5 miles southeast of Tazewell along the slopes of Rich Mountain; 85-C
Reference: Cooper, 1944b, p. 77-78
- 54d Units: Benbolt limestone
Location: About 1.5 miles southeast of Tazewell along the slopes of Rich Mountain; 85-C
Reference: Cooper, 1945, p. 57
- 54e Units: Gratton limestone
Location: About 1.5 miles southeast of Tazewell along the slopes of Rich Mountain; 85-C
Reference: Cooper, 1945, p. 59
- 55 Units: Witten limestone
Location: About 3 miles southwest of Gratton in Thompson Valley; 85-C
Reference: Cooper, 1944b, p. 91
- 56a Units: Clifffield formation—Blackford member, Five Oaks limestone member, Lincolnshire limestone member, Ward Cove limestone member, Peery limestone member
Location: About 2 miles east of Benbolt near State Highway 61 southwest of Marys Church; 85-C
Reference: Cooper, 1944b, p. 53
- 56b Units: Clifffield formation—Ward Cove limestone member
Location: About 2 miles east of Benbolt near State Highway 61 southwest of Marys Church; 85-C
Reference: Cooper, 1944b, p. 45
- 56c Units: Wardell formation
Location: About 2 miles east of Benbolt near State Highway 61 southwest of Marys Church; 85-C
Reference: Cooper, 1944b, p. 85

Section
Number

- 56d Units: Peery limestone
 Location: About 2 miles east of Benbolt near State Highway 61 southwest of Marys Church; 85-C
 Reference: Cooper, 1945, p. 56
- 57 Units: Cliffield group—Blackford formation, Five Oaks limestone, Lincolnshire limestone
 Location: About 2.5 miles east of Tazewell; 85-B
 Reference: Prouty, 1946, p. 1149
- 58a Units: Cliffield formation—Ward Cove limestone member
 Location: Northwest of Gratton, north of State Road 646; 85-B
 Reference: Cooper and Prouty, 1943, p. 828, 884
- 58b Units: Cliffield formation—Ward Cove limestone member
 Location: About 1.25 miles west of Gratton; 85-B
 Reference: Cooper, 1944b, p. 43
- 58c Units: Cliffield formation; Benbolt limestone; Gratton limestone; Wardell (?) formation; Witten limestone; Moccasin formation
 Location: About 1.5 miles northwest of Gratton, north of State Road 646; 85-B
 Reference: Cooper, 1944b, p. 246-248
- 58d Units: Blackford formation; Elway limestone; Five Oaks limestone; Lincolnshire limestone; Peery and Ward Cove limestones; Benbolt limestone; Gratton limestone; Wardell (?) formation; Witten limestone; Moccasin formation
 Location: About 1.5 miles northwest of Gratton on the slope of Buckhorn Mountain; 85-B
 Reference: Cooper, 1945, p. 58, 94-97
- 59a Units: Cliffield formation
 Location: About 1 mile north of Gratton; 85-B
 Reference: Cooper, 1944b, p. 49-50
- 59b Units: Five Oaks, Elway and Blackford formations; Lincolnshire limestone; Peery and Ward Cove limestones; Benbolt limestone; Gratton limestone
 Location: About 0.75 mile north-northwest of Gratton; 85-B
 Reference: Cooper, 1945, p. 92-93
- 60a Units: Cliffield formation—Blackford member
 Location: Near Gratton; 85-B
 Reference: Cooper and Prouty, 1943, p. 825, 884
- 60b Units: Cliffield formation—Blackford member
 Location: Near Gratton in vicinity of Mt. Olivet Church; 85-B
 Reference: Cooper, 1944b, p. 38

Section
Number

- 61 Units: Moccasin formation; Martinsburg formation—Trenton member
Location: Near Gratton, on Rich Mountain about 0.5 mile southeast of the intersection of State Highway 61 and State Road 623; 85-B
Reference: Rosenkrans, 1936, p. 107-108
- 62 Units: Moccasin formation; Eggleston formation
Location: Southeast of Gratton along State Road 623; 85-B
Reference: Cooper, 1944b, p. 101-102
- 63 Units: Gratton limestone
Location: About 2.5 miles northeast of Gratton, along Rich Mountain; 85-A
Reference: Cooper, 1944b, p. 82
- 64 Units: Moccasin formation
Location: About 4 miles northeast of Gratton and northwest of Shawver Mill along the slopes of Buckhorn Mountain; 85-A
Reference: Cooper, 1944b, p. 95-96
- 65a Units: Wills Creek sandstone; Tonoloway limestone
Location: About 1 mile north of Cove Creek community along State Road 662; 85-A
Reference: Cooper, 1944b, p. 122-123
- 65b Units: Wills Creek sandstone; Tonoloway limestone
Location: About 1 mile north-northwest of Cove Creek community in Nye Cove along State Road 662; 85-A
Reference: Cooper, 1945, p. 68-69
- 66 Units: Peery limestone
Location: To the southeast of Cove Creek community about 1 mile west of the county line; 85-A
Reference: Cooper, 1945, p. 56
- 67a Units: Clifffield formation—Blackford member, Five Oaks limestone member, Lincolnshire limestone member, Ward Cove limestone member, Peery limestone member
Location: Near the Bland-Tazewell county line on the northwest slope of Rich Mountain; 85-A
Reference: Cooper, 1944b, p. 52-53
- 67b Units: Witten limestone
Location: About 1.5 miles east of Cove Creek community near the county line; 85-A
Reference: Cooper, 1944b, p. 92

Section
Number

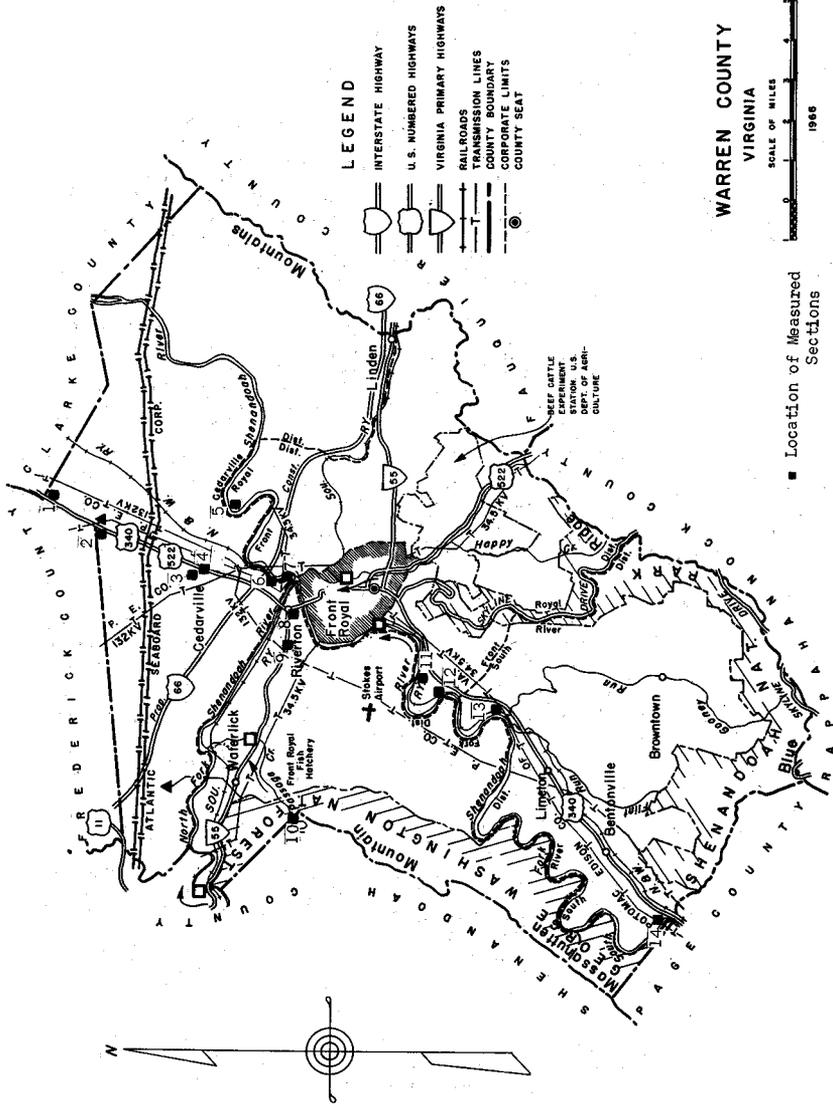
- 68 Units: Rose Hill formation
Location: In Mill Gap through Garden Mountain along State Road 623; 85-A
Reference: Cooper, 1944b, p. 116-117
- 69a Units: Benbolt limestone—Shannondale limestone member, Burkes Garden limestone member
Location: About 2.75 miles west of Burkes Garden at the east base of Hall Ridge; 85-C
Reference: Cooper, 1944b, p. 78-79
- 69b Units: Wardell formation
Location: About 2.75 miles west of Burkes Garden at the east base of Hall Ridge; 85-C
Reference: Cooper, 1944b, p. 85
- 70 Units: Chickamauga limestone; Moccasin limestone
Location: Along the north side of Thompson Valley; 86-C, 86-D
Reference: Bassler, 1909, p. 174
- 71a Units: Pearisburg limestone
Location: About 2.5 miles southwest of Tazewell along State Highway 16 just north of Thompson Valley community; 86-D
Reference: Bassler, 1907, p. 144
- 71b Units: Moccasin formation, Martinsburg formation—Trenton member
Location: About 3 miles south-southwest of Tazewell along State Highway 16; 86-D
Reference: Rosenkrans, 1936, p. 102-105
- 71c Units: Wardell formation
Location: Near Thompson Valley community along State Highway 16; 86-D
Reference: Cooper and Prouty, 1943, p. 874
- 71d Units: Eggleston formation
Location: Just north of Thompson Valley community along State Highway 16; 86-D
Reference: Cooper and Prouty, 1943, p. 846, 884
- 71e Units: Moccasin formation
Location: About 3 miles southwest of Tazewell just north of Thompson Valley community along State Highway 16; 86-D
Reference: Cooper and Prouty, 1943, p. 844, 884

Section
Number

- 71f Units: Witten limestone
Location: At Thompson Valley community along State Highway 16; 86-D
Reference: Cooper and Prouty, 1943, p. 877
- 71g Units: Wardell formation
Location: About 3.5 miles southwest of Tazewell along State Highway 16; 86-D
Reference: Cooper, 1944b, p. 84
- 71h Units: Eggleston formation
Location: About 3 miles southwest of Tazewell along State Highway 16; 86-D
Reference: Cooper, 1944b, p. 99
- 71i Units: Moccasin formation
Location: About 3 miles southwest of Tazewell along State Highway 16; 86-D
Reference: Cooper, 1944b, p. 94-95
- 71j Units: Peery limestone
Location: Just north of Thompson Valley community along Plum Creek; 86-D
Reference: Cooper, 1945, p. 55
- 71k Units: Gratton limestone
Location: About 3 miles southwest of Tazewell along State Highway 16; 86-D
Reference: Cooper, 1945, p. 61
- 71l Units: Wardell formation
Location: Just north of Thompson Valley community along State Highway 16 near the junction with State Road 604; 86-D
Reference: Cooper, 1945, p. 64
- 71m Units: Witten limestone
Location: About 3 miles southwest of Tazewell along State Highway 16 just north of Thompson Valley community; 86-D
Reference: Cooper, 1945, p. 66
- 71n Units: Bowen formation
Location: Just north of Thompson Valley community near State Highway 16 and Plum Creek; 86-D
Reference: Cooper, 1945, p. 65
- 71o Units: Blackford formation; Lincolnshire limestone; Thompson Valley limestone; Ward Cove limestone; Peery limestone; Benbolt limestone—Shannondale member, Burkes Garden member

Section
Number

- Location: About 3 miles southwest of Tazewell near State Highway 16 along Plum Creek; 86-D
Reference: Prouty, 1946, p. 1163
- 71p Units: Witten limestone; Moccasin formation; Eggleston formation; Martinsburg formation
Location: About 3 miles southwest of Tazewell along Plum Creek and State Highway 16; 86-D
Reference: Prouty, 1946, p. 1177-1178
- 72a Units: Clifffield formation—Ward Cove limestone member
Location: About 3.75 miles south of Liberty Hill and west of State Highway 91, just south of its intersection with State Road 604; 86-C
Reference: Cooper and Prouty, 1943, p. 828, 884
- 72b Units: Clifffield formation—Ward Cove limestone member
Location: About 3.75 miles south of Liberty Hill and west of State Highway 91, just south of its intersection with State Road 604; 86-C
Reference: Cooper and Prouty, 1943, p. 830, 884
- 72c Units: Bowen formation—brown sandstone tongue, red mudrock tongue
Location: About 3.75 miles south of Liberty Hill along State Highway 91, 0.5 mile south of its junction with State Road 604; 86-C
Reference: Cooper and Prouty, 1943, p. 876
- 72d Units: Ward Cove limestone
Location: About 3.75 miles south of Liberty Hill and west of State Highway 91, just south of its intersection with State Road 604; 86-C
Reference: Cooper, 1945, p. 47
- 73 Units: Moccasin formation
Location: About 4.2 miles south of Liberty Hill along State Highway 91 about 1 mile south of its junction with State Road 604; 56-B, 86-C
Reference: Cooper and Prouty, 1943, p. 880, 884



Location Map of Warren County

Warren County

Section
Number

- 1 Units: Beekmantown formation; Mosheim limestone
Location: About 1.5 miles northeast of Ninevah and 100 yards east of U. S. Highways 340 and 522; 217-C
Reference: Edmundson, 1945, p. 155
- 2 Units: Mosheim limestone
Location: About 0.3 mile northeast of Ninevah and 100 yards east of Zion Church; 217-C
Reference: Edmundson, 1945, p. 156
- 3 Units: Lenoir limestone; Athens formation
Location: At Cedarville about 100 yards west of U. S. Highways 340 and 522; 208-B
Reference: Edmundson, 1945, p. 164
- 4 Units: Beekmantown formation
Location: At Cedarville, east and west of U. S. Highways 340 and 522; 208-B
Reference: Edmundson, 1945, p. 167-169
- 5 Units: Conococheague limestone; Chepultepec limestone
Location: About 2 miles southeast of Cedarville along the Shenandoah River at Horseshoe Bend; 208-B
Reference: Edmundson, 1945, p. 162-163
- 6a Units: Beekmantown formation; Mosheim limestone; Lenoir limestone
Location: About 1 mile north of Riverton Junction and 0.25 mile west of Shenandoah River; 208-B
Reference: Edmundson, 1945, p. 157
- 6b Units: Mosheim limestone; Lenoir limestone; Athens formation
Location: About 1 mile north of Riverton in the "Ash Quarry" of the Riverton Lime and Stone Company; 208-B
Reference: Edmundson, 1945, p. 157-158
- 6c Units: Lenoir limestone; Athens formation
Location: About 1 mile north of Riverton Junction and 0.25 mile west of Shenandoah River; 208-B
Reference: Edmundson, 1945, p. 164
- 7 Units: Beekmantown formation; Mosheim limestone; Lenoir limestone
Location: About 0.5 mile northeast of Riverton at the Riverton Lime and Stone Company quarry; 208-B
Reference: Edmundson, 1945, p. 158

Section
Number

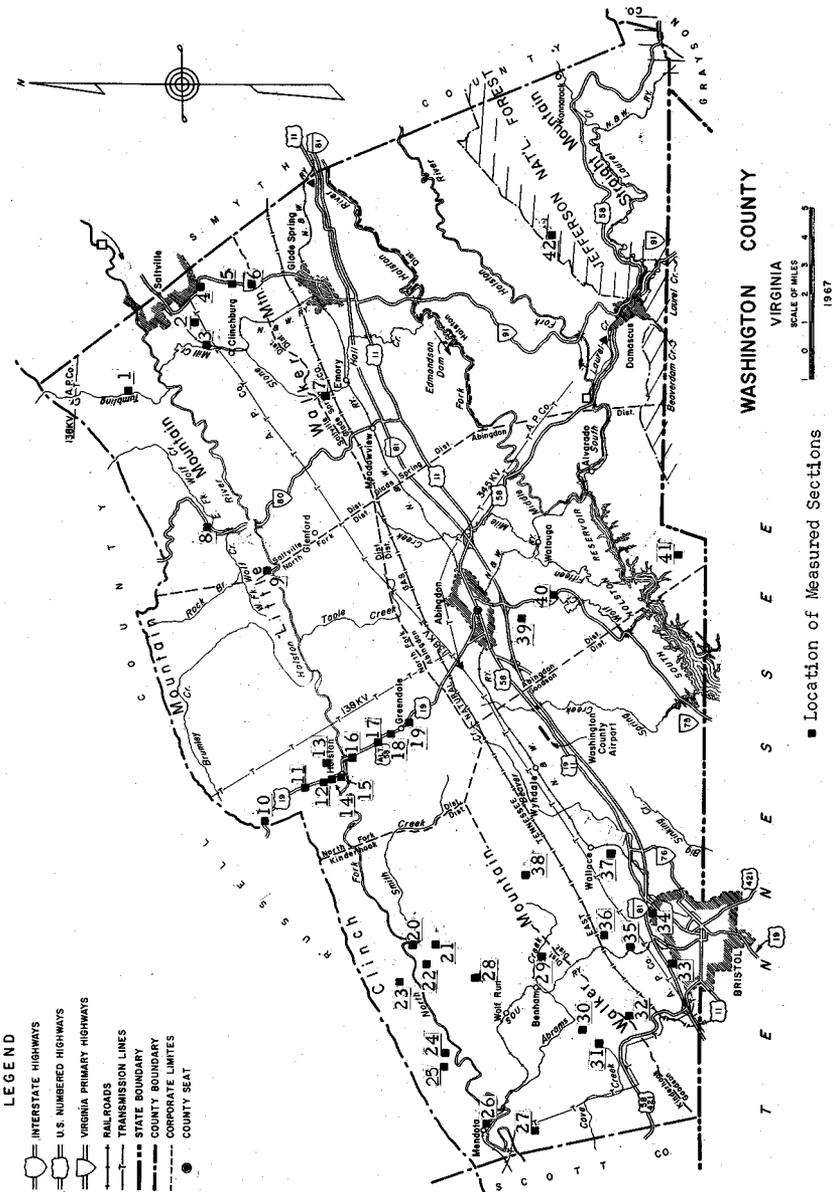
- 8 Units: New Market limestone; Lincolnshire limestone; Edinburg formation; Martinsburg formation
Location: In the vicinity of Riverton; 208-B
Reference: Cooper and Cooper, 1946, p. 94
- 9 Units: Athens shale
Location: About 1 mile west of Riverton along State Highway 55; 208-B
Reference: Decker, 1952, p. 71
- 10 Units: Martinsburg shale
Location: About 8 miles west of Front Royal near the northern end of Passage Creek valley along State Road 678 about 1.75 miles south of its junction with State Highway 55; 209-A
Reference: Secrist and Evitt, 1943, p. 359, 362
- 11 Units: Mosheim limestone
Location: About 0.8 mile north of Dungadin Heights between U. S. Highway 340 and the Norfolk and Western Railway tracks; 208-B
Reference: Edmundson, 1945, p. 159
- 12a Units: Lenoir limestone; Athens formation
Location: West of Dungadin Heights 1 mile north of the intersection of State Road 607 and U. S. Highway 340 near the South Fork of the Shenandoah River; 208-B
Reference: Edmundson, 1945, p. 165
- 12b Units: New Market limestone; Lincolnshire limestone; Edinburg limestone
Location: Southwest of Front Royal, 250 feet west of U. S. Highway 340 and 1 mile north of its junction with State Road 607; 208-B
Reference: Cooper and Cooper, 1946, p. 98
- 13 Units: Beekmantown formation; Mosheim limestone; Lenoir limestone
Location: Just northwest of Karo in the Limeton Lime Company quarry and extending from it northwestward along the Norfolk and Western Railway tracks; 209-D
Reference: Edmundson, 1945, p. 160-161
- 14a Units: Beekmantown formation
Location: About 0.25 mile northwest of Overall and about 1000 feet west of U. S. Highway 340; 209-D
Reference: Edmundson, 1945, p. 167

Section
Number

14b Units: Lenoir limestone; Athens formation

Location: About 0.25 mile northwest of Overall and 1000 feet west
of U. S. Highway 340; 209-D

Reference: Edmundson, 1945, p. 165



Location Map of Washington County

Washington County

Section
Number

- 1a Units: Upper Silurian; lower Devonian
Location: About 5 miles west of Saltville along Tumbling Creek;
57-A
Reference: Stose, 1914, p. 393
- 1b Units: Cayuga rocks; Oriskany formation
Location: About 5 miles west of Saltville along Tumbling Creek;
57-A
Reference: Stose and Miser, 1922, p. 32
- 1c Units: Giles formation
Location: About 5 miles west of Saltville along Tumbling Creek;
57-A
Reference: Swartz, F. M., 1929, p. 69
- 1d Units: Cayugan (?) group; Oriskany (?) sandstone; Onondaga
formation
Location: About 5 miles west of Saltville along Tumbling Creek;
57-A
Reference: Butts, 1940, p. 299
- 2 Units: Nolichucky formation; Copper Ridge dolomite; Chepultepec
formation; Beekmantown formation; Lenoir limestone; Holston
limestone; Athens shale
Location: About 2.5 miles southwest of Saltville near State Road
750 along Keywood Branch; 57-D
Reference: Butts, 1940, p. 92-94
- 3 Units: Knox dolomite; Stone River limestone; Athens shale; Hol-
ston marble; Moccasin limestone; Sevier shale; Bays sandstone
Location: From southwest of Saltville through the gap in Walker
Mountain along the Norfolk and Western Railway tracks; 57-D
Reference: Bassler, 1909, p. 240-241
- 4 Units: Copper Ridge dolomite; Chepultepec limestone
Location: About 0.75 mile southwest of Quarry near State High-
way 91; 57-D
Reference: Butts and Edmundson, 1943, p. 1674
- 5 Units: Copper Ridge dolomite; Chepultepec limestone; Beekman-
town formation
Location: About 2 miles south of Saltville along State Highway 91;
57-D
Reference: Butts, 1940, p. 108-109

Section
Number

- 6a Units: Martinsburg shale; Juniata formation
Location: South of Plasterco on the northwest slopes of Walker Mountain along State Highway 91; 57-D
Reference: Butts, 1940, p. 203
- 6b Units: Clinch sandstone; Oriskany (?) sandstone; Onondaga formation
Location: Midway between Glade Spring and Saltville in McCall Gap through Walker Mountain along State Highway 91; 57-D
Reference: Butts, 1940, p. 297
- 6c Units: Clinch sandstone; Oriskany sandstone; Onondaga formation
Location: About 2 miles north of Glade Spring in McCall Gap along State Highway 91; 57-D
Reference: Butts and Edmundson, 1943, p. 1681
- 7 Units: Juniata and Clinch formations; Onondaga formation; Millboro shale
Location: About 1 mile north of Emory in Smyth Gap; 57-D
Reference: Butts and Edmundson, 1943, p. 1682
- 8 Units: Onondaga formation; Millboro shale—Marcellus horizon, Naples horizon
Location: About 0.5 mile northeast of Hayters Gap village along and near State Highway 80; 57-C
Reference: Butts, 1940, p. 310-311
- 9 Units: Price formation; Maccrady formation; Warsaw formation
Location: About 2 miles southwest of Hayter Gap village on the north side of the North Fork of the Holston River opposite the mouth of Finley Creek along State Road 611; 57-C
Reference: Butts, 1940, p. 352
- 10 Units: Ottosee limestone; Lowville-Moccasin formation
Location: About 10 miles northwest of Abingdon just west of Little Moccasin Gap along U. S. Highway 19; 58-D
Reference: Butts, 1940, p. 172
- 11 Units: Clinch sandstone; Clinton formation
Location: About 8 miles northwest of Abingdon along U. S. Highway 19; 58-D
Reference: Butts, 1940, p. 231
- 12a Units: Oriskany sandstone; Chattanooga shale; Chattanooga shale—Onondaga limestone member; Marcellus shale, Portage
Location: North of Holston in Moccasin Gap; 58-D
Reference: Kindle, 1912, p. 48

Section
Number

- 12b Units: Onondaga limestone; Genesee shale; Portage and Chemung shales; Price formation; limestone of Warsaw age; St. Louis limestone; Gasper and Ste. Genevieve limestones; Fido sandstone; Cove Creek limestone; Pennington shale
Location: From about 1.5 miles north of the Holston River to Greendale along U. S. Highway 19; 26-A, 58-D
Reference: Butts, 1927, p. 5-9
- 13 Units: Keefer sandstone; Onondaga formation; Marcellus shale
Location: About 1 mile north of Holston just northwest of State Road 689; 58-D
Reference: Butts, 1940, p. 300
- 14a Units: Chattanooga shale; Grainger shale
Location: North of Holston in Moccasin Gap; 58-D
Reference: Williams and Kindle, 1905, p. 29-30
- 14b Units: Portage shale; Chemung formation
Location: Holston and vicinity; 58-D
Reference: Eby, Campbell, and Stose, 1923, p. 52
- 15 Units: Price formation; Warsaw formation
Location: About 2 miles northwest of Greendale along U. S. Highway 19 in vicinity of the bridge across the North Fork of the Holston River; 58-D
Reference: Butts, 1940, p. 356-357
- 16a Units: Warsaw limestone; St. Louis formation; Ste. Genevieve limestone
Location: About 0.5 mile southeast of Holston along U. S. Highway 19, south of the bridge over the Holston River; 58-D
Reference: Butts, 1940, p. 363
- 16b Units: St. Louis formation; Ste. Genevieve formation; Gasper limestone; Fido sandstone
Location: From about 0.5 mile south of the Holston River to about 1.5 miles northwest of Greendale along U. S. Highway 19; 58-D
Reference: Butts, 1940, p. 369-370
- 17a Units: Gasper limestone; Fido sandstone
Location: About 1 to 1.5 miles northwest of Greendale along U. S. Highway 19; 58-D
Reference: Butts, 1940, p. 377-378
- 17b Units: Cove Creek limestone; Pennington formation
Location: About 1 mile northwest of Greendale along U. S. Highway 19; 58-D
Reference: Butts, 1940, p. 389-390

Section
Number

- 18 Units: Pennington formation
Location: Along U. S. Highway 19 about 0.5 mile northwest of Greendale; 26-A, 58-D
Reference: Butts, 1940, p. 397-398
- 19 Units: Nolichucky formation; Copper Ridge dolomite
Location: About 1100 feet southeast of Greendale along U. S. Highway 19; 26-A
Reference: Butts, 1940, p. 82
- 20 Units: Price formation; Maccrady formation; Little Valley formation; Hillsdale limestone; Ste. Genevieve limestone
Location: About 7.5 miles northwest of Wallace from the north end of Horseshoe Bend to its south end at the North Fork of the Holston River; 26-B
Reference: Bartlett and Webb, 1971, p. 67-69
- 21 Units: Hillsdale limestone; Ste. Genevieve limestone; Gasper limestone; Fido sandstone; Cove Creek limestone; Pennington formation
Location: About 6.5 miles northwest of Wallace from 0.1 mile southwest of Riverview Cemetery on hillside west of Horseshoe Bend southeastward across hills and along unnamed stream to near its headwaters, 0.6 mile south of State Road 616; 26-B
Reference: Bartlett and Webb, 1971, p. 71-73
- 22a Units: Fido sandstone
Location: About 2.25 miles north of Rush Corner along State Road 616 about 0.25 mile southeast of its junction with State Road 798; 26-B
Reference: Averitt, 1941, p. 8
- 22b Units: Hillsdale limestone; Ste. Genevieve limestone; Gasper limestone; Fido sandstone
Location: About 7 miles northwest of Wallace from 0.05 mile southeast of Riverview Church southward along Muddy Hollow to small hill in Caney Valley, 0.2 mile south of junction of State Roads 616 and 798; 26-B
Reference: Bartlett and Webb, 1971, p. 69-71
- 23a Units: Big Stone Gap shale; Chemung formation; Price formation
Location: About 7.5 miles northeast of Mendota along State Road 623 in Wooten Gap of Little Mountain; 26-B
Reference: Swartz, 1926, p. 523-525
- 23b Units: Brallier formation; Chemung formation; Big Stone Gap shale; Price formation

Section
Number

- Location: About 8 miles northwest of Wallace from north end of Wooten Gap in Little Mountain, southward through gap along State Road 623 to the North Fork of Holston River; 26-B
Reference: Bartlett and Webb, 1971, p. 66-67
- 24 Units: Maccrady shale; Little Valley limestone
Location: About 0.25 mile east of Pine Grove along State Road 614; 27-A
Reference: Averitt, 1941, p. 21
- 25 Units: Chemung formation; Price formation
Location: Just north of Pine Grove along State Road 621; 27-A
Reference: Swartz, 1926, p. 526
- 26a Units: Silicious group; Mountain limestone group
Location: Southeast of Mendota from vicinity of Little Mountain to vicinity of Wolf Run along Southern Railway; 26-B, 27-A
Reference: Stevenson, 1881, p. 258-259
- 26b Units: Chemung
Location: Near Mendota along the railroad grade south of the town; 27-A
Reference: Stevenson, 1885, p. 135-136, 139-140
- 26c Units: Umbral
Location: At Mendota; 27-A
Reference: Stevenson, 1887, p. 39-40
- 26d Units: Hamilton (?) shale; Genesee shale; Portage shale; Big Stone Gap shale
Location: Mendota and vicinity; 27-A
Reference: Eby, Campbell, and Stose, 1923, p. 51
- 26e Units: Big Stone Gap shale; Chemung formation; Price formation
Location: At Mendota, in the railroad cut just southeast of town; 27-A
Reference: Swartz, 1926, p. 527-528
- 27 Units: Cove Creek limestone
Location: North of Ketron along State Road 630; 27-A
Reference: Averitt, 1941, p. 11
- 28 Units: Fido sandstone; Cove Creek limestone; Pennington formation; Honaker formation
Location: About 7 miles northwest of Wallace from Caney Valley along State Road 622 and hillslopes adjacent to Nordyke Creek

Section
Number

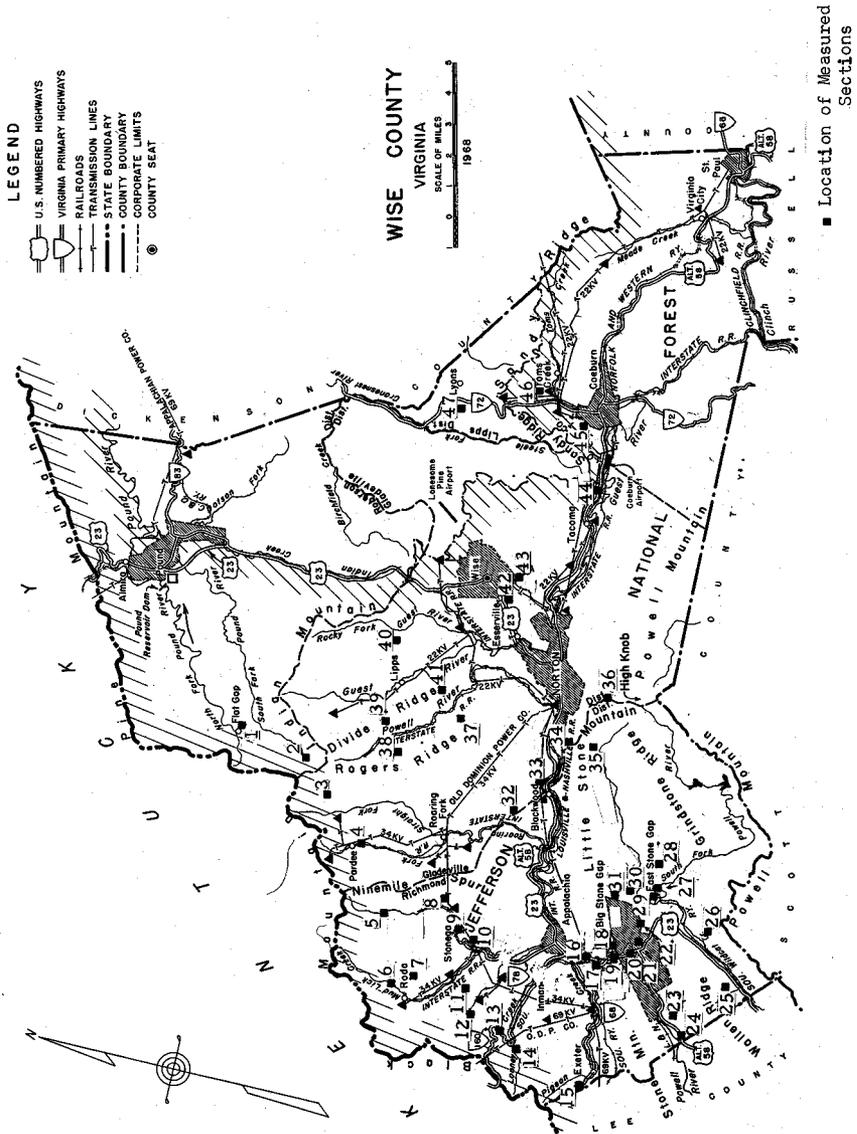
- southeastward to Rich Valley near intersection of State Roads 622 and 700; 26-B
Reference: Bartlett and Webb, 1971, p. 73-76
- 29 Units: Nolichucky formation; Maynardville formation; Copper Ridge formation; Chepultepec formation; Knox group, upper part
Location: About 4 miles northwest of Wallace from about 0.3 mile northwest of junction of State Roads 622 and 640 southeastward near Abrams Creek to Revival Center Church; 26-B
Reference: Bartlett and Webb, 1971, p. 81-84
- 30 Units: Pennington formation; middle Ordovician rocks undivided; Rome (?) formation; Pumpkin Valley shale; Honaker formation
Location: About 6 miles west of Wallace measured through fields and along old road on east side of Fleenor Quarry from north of quarry southeastward to State Road 700 in Rich Valley; 26-B
Reference: Bartlett and Webb, 1971, p. 76-77
- 31 Units: Rome formation; middle Ordovician rocks undivided; Moccasin formation; Pennington formation
Location: About 6.5 miles west of Wallace and 0.3 mile north of Lime Hill along hillside 100 yards east of State Road 617; 26-B, 27-A
Reference: Bartlett and Webb, 1971, p. 77
- 32 Units: Honaker formation; Nolichucky formation; Maynardville formation; Copper Ridge formation; Chepultepec formation; Knox group, upper part; Lenoir and Mosheim limestones; Athens formation; Honaker formation
Location: About 6 miles west of Wallace from Lime Hill southeastward along State Road 617 to unnamed hill southeast of Three Springs; 26-B
Reference: Bartlett and Webb, 1971, p. 77-81
- 33 Units: Honaker formation; Nolichucky formation; Maynardville formation; Conococheague formation; Chepultepec formation; Knox group, upper part
Location: Just north of Bristol from 500 feet north of Interstate Highway 81 adjacent to Wagner Road southeastward along Susong Branch to approximately 800 feet south of Euclid Avenue; 26-C
Reference: Bartlett and Webb, 1971, p. 89-90
- 34 Units: Honaker dolomite; Nolichucky formation; Maynardville formation; Conococheague formation
Location: Just north of Bristol from southwest of junction of Interstate Highway 381 and Exit 2 of Interstate Highway 81 southwestward along high road cut of Interstate Highway 381; 26-C
Reference: Bartlett and Webb, 1971, p. 90-91

Section
Number

- 35 Units: Conococheague formation; Maynardville formation; Nolichucky formation; Honaker formation
 Location: About 1.5 miles north of Bristol from middle of gap in Big Ridge along Southern Railway and Campground Road (State Road 641) southeastward for about 0.25 mile; 26-B
 Reference: Bartlett and Webb, 1971, p. 85-86
- 36 Units: Honaker dolomite; Nolichucky formation; Copper Ridge dolomite
 Location: About 3 miles north of Bristol near State Road 640 along Mumpower Creek at the former reservoir of the Bristol water-works; 26-B
 Reference: Butts, 1940, p. 80
- 37 Units: Honaker formation; Nolichucky formation; Maynardville formation; Conococheague formation; Chepultepec formation; Knox group, upper part; Lenoir and Mosheim limestones; Athens formation
 Location: About 1 mile southwest of Wallace from fault about 0.2 mile northwest of junction of State Roads 656 and 657 southward along Goose Creek to Norfolk and Western Railroad, then southward and eastward through fields and along State Highway 76 to about 0.2 mile south of Interstate Highway 81 near Exit 4; 26-B
 Reference: Bartlett and Webb, 1971, p. 86-89
- 38 Units: Honaker formation; Nolichucky formation
 Location: About 1.5 miles north of Wallace from near Harley Spring southeastward to near Sweetie Hollow; 26-B
 Reference: Bartlett and Webb, 1971, p. 84-85
- 39 Units: Chepultepec limestone; Beekmantown formation; Lenoir limestone
 Location: About 2 miles south of Abingdon near the junction of State Highway 75 and State Road 670 at Vance Mill; 25-B
 Reference: Butts, 1940, p. 109
- 40a Units: Lenoir limestone; Athens formation
 Location: South of Abingdon along State Highway 75 through the Great Knobs; 25-B
 Reference: Butts, 1940, p. 163
- 40b Units: Lenoir limestone; Athens shale
 Location: About 3.4 miles south of Abingdon, on the east side of State Highway 75; 25-B
 Reference: Decker, 1952, p. 48

Section
Number

- 41 Units: Beekmantown formation; Lenoir limestone
Location: About 7 miles south of Abingdon near South Holston
Lake along Cox Mill Creek; 25-C
Reference: Butts, 1940, p. 110
- 42a Units: Rome formation; Elbrook dolomite; Conococheague dolomite
Location: About 6 miles west of Konnarock near the headwaters
of Bucks Branch; 24-B
Reference: Butts, 1940, p. 75
- 42b Units: Elbrook formation; Conococheague limestone; Chepultepec
limestone
Location: About 13 miles due east of Abingdon along Bucks Branch;
24-B
Reference: Butts, 1940, p. 88-89



Location Map of Wise County

Wise County

Section
Number

- 1 Units: Wise formation
Location: East of Flat Gap community along State Roads 671 and 707; 90-C
Reference: Eby, Campbell, and Stose, 1923, p. 103-104
- 2 Units: Wise formation; Harlan sandstone
Location: About 2 miles south of Flat Gap community from near State Road 627 along Phillips Creek to a gap in Black Mountain; 90-C
Reference: Eby, Campbell, and Stose, 1923, p. 102-103
- 3 Units: Wise formation; Harlan sandstone
Location: About 4 miles southwest of Flat Gap community from the mouth of Pound Fork to the top of Divide Ridge; 90-C
Reference: Eby, Campbell, and Stose, 1923, p. 98
- 4 Units: Wise formation; Harlan sandstone
Location: Along State Road 603 from Dunbar to Pardee in the vicinity of State Road 603 and then northeastward to the top of Black Mountain; 60-B, 61-A, 91-D
Reference: Eby, Campbell, and Stose, 1923, p. 97
- 5 Units: Wise formation; Harlan sandstone
Location: Stonega area northward along Callahan Creek to the crest of Black Mountain; 61-A, 91-D
Reference: Eby, Campbell, and Stose, 1923, p. 94-95
- 6 Units: Wise formation; Harlan sandstone
Location: From Roda up Mud Lick Creek to the crest of Black Mountain; 61-A
Reference: Eby, Campbell, and Stose, 1923, p. 91-92
- 7 Units: Wise formation; Harlan sandstone
Location: About 1.5 miles northwest of Stonega along Halls Branch of Mud Lick Creek northward to the crest of Bluff Spur; 61-A
Reference: Eby, Campbell, and Stose, 1923, p. 92-93
- 8 Units: Wise formation
Location: From the northern end of Stonega measured northeastward to the crest of Ninemile Spur; 61-A
Reference: Eby, Campbell, and Stose, 1923, p. 95-96
- 9 Units: Wise formation
Location: At Stonega, measured on the west side of Callahan Creek; 61-A
Reference: Eby, Campbell, and Stose, 1923, p. 94

Section
Number

- 10 Units: Wise formation
Location: Southwest of Stonega due east from the junction of Mud Lick and Callahan creeks up the side of Ninemile Spur; 61-A
Reference: Eby, Campbell, and Stose, 1923, p. 96
- 11 Units: Wise formation
Location: From about 0.75 mile south-southwest of Stonega starting from near the junction of Mud Lick and Callahan creeks westward up the hill to the summit on Road Spur; 61-A
Reference: Eby, Campbell, and Stose, 1923, p. 93
- 12 Units: Wise formation; Harlan sandstone
Location: From Andover up Preacher Creek to the summit of Black Mountain; 61-A
Reference: Eby, Campbell, and Stose, 1923, p. 90-91
- 13a Units: Wise formation
Location: About 3.5 miles northwest of Appalachia along State Highway 160 where it crosses Black Mountain; 61-A
Reference: Wanless, 1946, p. 100-102
- 13b Units: Norton formation; Gladeville sandstone; Wise formation—Clover Fork sandstone member, Marcum Hollow sandstone member; Harlan formation
Location: Along State Highway 160 from mouth of Looney Creek at Appalachia, westward to crest of Big Black Mountain on the Virginia-Kentucky line; 61-A
Reference: Miller, 1969, p. 48-57
- 14 Units: Wise formation; Harlan sandstone
Location: About 1.5 miles west of Inman, from Laurel westward along Looney Creek to the summit of Black Mountain at The Doubles; 61-A
Reference: Eby, Campbell, and Stose, 1923, p. 89
- 15 Units: Wise formation; Harlan sandstone
Location: West of Exeter along State Highway 68 to the Wise-Lee county line and northward along the line to the top of Black Mountain; 61-A, 61-B
Reference: Eby, Campbell, and Stose, 1923, p. 87-88
- 16a Units: Lee conglomerate
Location: In Big Stone Gap of Powell River; 61-A
Reference: Campbell, 1893, p. 36
- 16b Units: Lee formation
Location: On the east side of Big Stone Gap of Powell River; 61-A
Reference: Eby, Campbell, and Stose, 1923, p. 96

Section
Number

- 16c Units: Bluestone formation; Lee formation; Lee formation—Bee Rock sandstone member; Norton formation
Location: Across Big Stone Gap; 61-A
Reference: Miller, 1969, p. 35-38
- 16d Units: Lee formation—Bee Rock sandstone member; Norton formation
Location: Along Southern Railway cut at head of Big Stone Gap; 61-A
Reference: Miller, 1969, p. 46-47
- 17a Units: Pennington shale
Location: In Big Stone Gap through Stone Mountain; 61-A
Reference: Campbell, 1893, p. 37
- 17b Units: Newman formation
Location: In Big Stone Gap through Stone Mountain; 61-A
Reference: Giles, 1925, p. 17
- 17c Units: Maccrady shale; St. Louis limestone
Location: About 1 mile northwest of Big Stone Gap in the gap of Powell River; 61-A
Reference: Butts, 1940, p. 360-361
- 17d Units: Glen Dean formation; Pennington formation
Location: About 1 mile northwest of the town of Big Stone Gap in Big Stone Gap through Stone Mountain along the Southern Railway tracks; 61-A
Reference: Butts, 1940, p. 386-387
- 18a Units: Helderberg limestone
Location: Between the town of Big Stone Gap and the Southern Railway station along the route of the old street railroad; 61-D
Reference: Eby, Campbell, and Stose, 1923, p. 40
- 18b Units: Tonoloway limestone; Keyser limestone; Healing Springs (?) sandstone; Rocky Gap sandstone; Huntersville chert; middle Devonian black shale
Location: Between the town of Big Stone Gap and the Southern Railway station along the old street railroad; 61-D
Reference: Woodward, 1943, p. 234-235
- 19a Units: Big Stone Gap shale
Location: Near the town of Big Stone Gap in the west bank of Powell River in a stream cut; 61-A, 61-D
Reference: Eby, Campbell, and Stose, 1923, p. 47

Section
Number

- 19b Units: Portage formation; Chattanooga shale; Price formation
Location: Near the northwestern edge of the town of Big Stone Gap in the southwestern bank of the Powell River; 61-A, 61-D
Reference: Swartz, 1927, p. 492-493
- 19c Units: Uortage and Chemung formations; Chattanooga shale—Cumberland Gap member, Olinger member, Big Stone Gap member; Price formation
Location: Near the northwestern edge of the town of Big Stone Gap in the southwestern bank of the Powell River; 61-A, 61-D
Reference: Swartz, J. H., 1929, p. 433-434
- 20 Units: Cayuga limestone
Location: In the town of Big Stone Gap just above the bridge across the North Fork of Powell River; 61-D
Reference: Eby, Campbell, and Stose, 1923, p. 38
- 21 Units: Hancock limestone; Chattanooga shale—Onondaga limestone member; Chattanooga shale
Location: On the southeastern side of the town of Big Stone Gap at the old woolen mill; 61-D
Reference: Kindle, 1912, p. 51
- 22 Units: Cayuga limestone
Location: Just west of Beamantown along River Drive to East Stone Gap; 61-D
Reference: Eby, Campbell, and Stose, 1923, p. 38
- 23a Units: Cannon limestone
Location: About 1 mile southwest of Cadet, in Williams Cove on the lower slope and spurs of Wallen Ridge; 61-D
Reference: Eby, Campbell, and Stose, 1923, p. 26
- 23b Units: Catheys limestone
Location: About 1 mile south-southwest of Cadet in Williams Cove; 61-D
Reference: Eby, Campbell, and Stose, 1923, p. 27
- 24 Units: Helderberg limestone
Location: Near the Wise-Lee county line along Alternate U. S. Highway 58; 61-D
Reference: Eby, Campbell, and Stose, 1923, p. 41
- 25 Units: Clinton formation
Location: Southwest of Big Stone Gap; composite section from several parallel sections along the east slope of Wallen Ridge; 61-D
Reference: Eby, Campbell, and Stose, 1923, p. 33

Section
Number

- 26a Units: Hancock limestone; Chattanooga shale—Onondaga limestone member; Chattanooga shale
Location: About 1.5 miles southeast of Big Stone Gap on the opposite side of U. S. Highway 23 from the sink of Wildcat Creek at a cave entrance; 61-D
Reference: Kindle, 1912, p. 51
- 26b Units: Hancock limestone; Wildcat Valley sandstone
Location: About 0.4 mile south of Irondale east of U. S. Highway 23 on a spur overlooking Wildcat Creek; 61-D
Reference: Miller, Harris, and Roen, 1964, p. B 50
- 27 Units: Cayuga limestone
Location: About 0.5 mile east of East Stone Gap in a quarry near the cemetery; 60-C
Reference: Eby, Campbell, and Stose, 1923, p. 38
- 28 Units: Cayuga limestone
Location: About 1.5 miles east of East Stone Gap along State Road 613; 60-C
Reference: Eby, Campbell, and Stose, 1923, p. 39
- 29 Units: Cayuga limestone
Location: Just south of East Stone Gap at the Southern Railway station; 60-C
Reference: Eby, Campbell, and Stose, 1923, p. 37
- 30 Units: Helderberg limestone
Location: About 1 mile northeast of East Stone Gap at a roadside quarry; 60-B
Reference: Eby, Campbell, and Stose, 1923, p. 41
- 31 Units: Hancock limestone; "Oriskany" sandstone
Location: At Big Stone Gap on the ridge north of South Fork of Powell River; 61-D
Reference: Williams and Kindle, 1905, p. 27-28
- 32 Units: Wise formation
Location: About 1.5 miles north of Kent Junction from the mouth of Gabe Branch of Roaring Fork east 0.5 mile and then southeast along a trail to the gap in Fork Ridge; 60-B
Reference: Eby, Campbell, and Stose, 1923, p. 99
- 33 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 1 mile west of Josephine from the Interstate Railroad tracks along Powell River up the north slope to Inter-mont Mine # 6; 60-B
Reference: Eby, Campbell, and Stose, 1923, p. 100

Section
Number

- 34a Units: Pennington formation
Location: At Little Stone Gap along State Road 610; 60-B
Reference: Eby, Campbell, and Stose, 1923, p. 61
- 34b Units: Lee formation
Location: Through Little Stone Gap; 60-B
Reference: Eby, Campbell, and Stose, 1923, p. 99-100
- 34c Units: Lee formation
Location: At Little Stone Gap; 60-B
Reference: Butts, 1940, p. 410-412
- 34d Units: Maccrady shale; Greenbrier limestone—Hillsdale member, Taggard red member; Bluefield formation; Hinton formation—Stony Gap sandstone member, middle red member, limestone member; Princeton sandstone; Bluestone formation—gray shale member, red member, upper member
Location: At Little Stone Gap, along State Road 610; 60-B
Reference: Wilpolt and Marden, 1959, p. 637-644
- 34e Units: Lee formation—Bee Rock sandstone member; Norton formation
Location: At Little Stone Gap along State Road 610; 60-B
Reference: Miller, 1969, p. 40
- 35a Units: Portage shale
Location: At the head of Powell Valley on the lower slope of Powell Mountain along State Road 610; 60-B
Reference: Eby, Campbell, and Stose, 1923, p. 45
- 35b Units: Big Stone Gap shale
Location: About 1.5 miles south of Josephine along State Road 610 at the head of Powell Valley; 60-B
Reference: Eby, Campbell, and Stose, 1923, p. 46
- 35c Units: Price formation; Maccrady formation
Location: At the head of Powell Valley along State Road 610; 60-B
Reference: Eby, Campbell, and Stose, 1923, p. 53-54
- 35d Units: Newman formation
Location: South of Little Stone Gap along State Road 610; 60-B
Reference: Eby, Campbell, and Stose, 1923, p. 58
- 35e Units: Chattanooga shale—Big Stone Gap member; Price sandstone; Maccrady shale

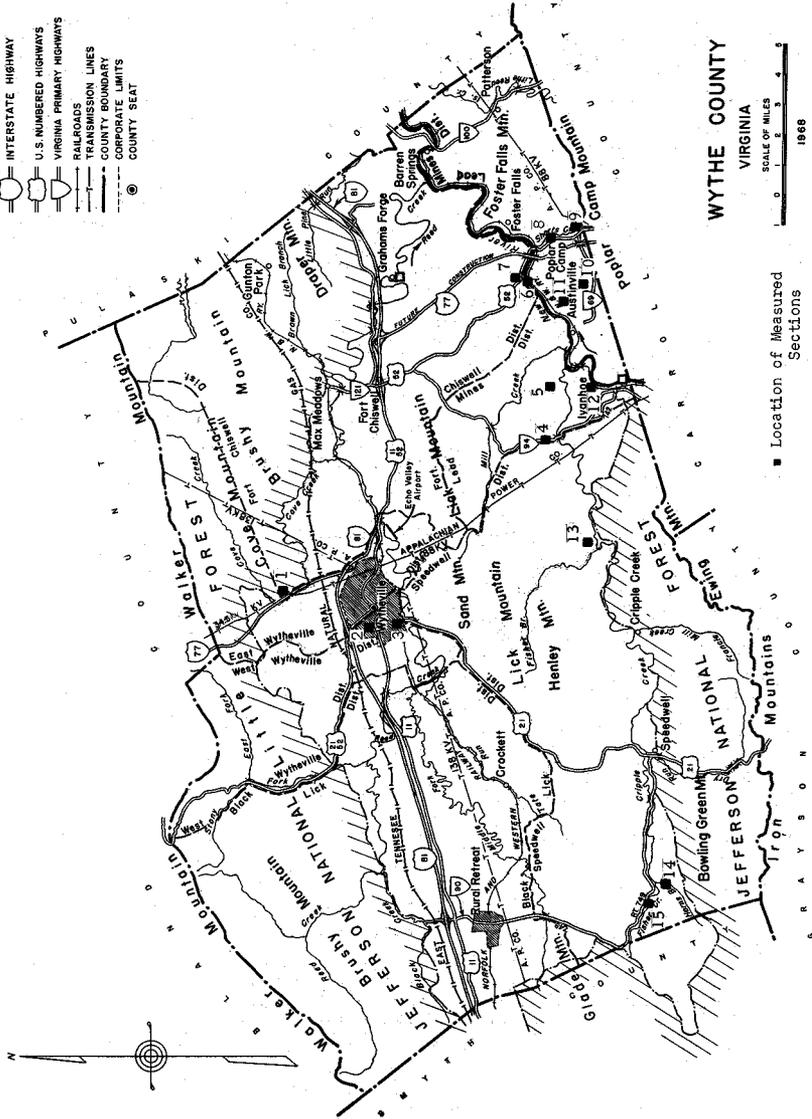
Section
Number

- Location: About 7 miles northeast of the town of Big Stone Gap along State Road 610 just south of Little Stone Gap through Little Stone Mountain; 60-B
Reference: Swartz, J. H., 1929, p. 434-435
- 35f Units: Price formation
Location: In Little Stone Gap; 60-B
Reference: Butts, 1940, p. 338
- 35g Units: Price or Maccrady formations; St. Louis limestone
Location: At Little Stone Gap; 60-B
Reference: Butts, 1940, p. 361
- 36 Units: Hinton formation—middle red member, Little Stone Gap member; Princeton sandstone
Location: About midway along State Road 619 from Norton to High Knob measured along the road, in a quarry, in the woods and then along the road to top of a hairpin turn complex; 60-B
Reference: Roen, Miller, and Huddle, 1964, p. B 41
- 37 Units: Wise formation
Location: About 0.5 mile west of Laurel Grove to the summit of Rogers Ridge; 60-B
Reference: Eby, Campbell, and Stose, 1923, p. 101
- 38 Units: Wise formation
Location: About 2 miles west of Lipps from the upper Powell River measured westward up a stream valley to the crest of Rogers Ridge; 90-C
Reference: Eby, Campbell, and Stose, 1923, p. 101
- 39 Units: Wise formation
Location: About 1.5 miles northwest of Lipps from the upper Powell River measured northward along a trail to the crest of the divide between the Powell and Guest rivers; 90-C
Reference: Eby, Campbell, and Stose, 1923, p. 102
- 40 Units: Wise formation
Location: Northwest from near Big Laurel community along Rocky Fork of Guest River and its tributary to Pinnacle Gap; 90-C, 90-D
Reference: Eby, Campbell, and Stose, 1923, p. 104
- 41 Units: Norton formation; Gladeville sandstone; Wise formation
Location: From about 1 mile north of Laurel Grove southwestward from the Guest River along State Road 623; 60-B
Reference: Eby, Campbell, and Stose, 1923, p. 102

Section
Number

- 42 Units: Norton formation
Location: About 1.5 miles north of Ramsey from near State Road 681 northwestward through Parson Gap; 60-A
Reference: Eby, Campbell, and Stose, 1923, p. 105
- 43a Units: Norton formation; Gladeville sandstone
Location: About 1.5 miles north of Ramsey from near Yellow Creek westward to the crest of the ridge; 60-A
Reference: Eby, Campbell, and Stose, 1923, p. 104
- 43b Units: Norton formation; Gladeville sandstone
Location: In the south part of the Town of Wise; 60-A
Reference: Miller, 1969, p. 38-39
- 44 Units: Norton formation
Location: About 1.5 miles east of Tacoma, measured northward from the 2000-foot bench mark on the Norfolk and Western Railway tracks up the face of the plateau to State Road 646; 60-A
Reference: Eby, Campbell, and Stose, 1923, p. 105
- 45a Units: Norton formation; Gladeville sandstone
Location: Due west from Coeburn, 1.5 miles along State Road 646 and then north to the summit of the ridge; 59-B
Reference: Eby, Campbell, and Stose, 1923, p. 106
- 45b Units: Norton formation; Gladeville sandstone; Wise formation
Location: At Coeburn from junction of State Road 646 and State Highway 72 westward along State Road 646 to Wise Mountain Lookout Tower; 59-B, 60-A
Reference: Miller, 1969, p. 42-46
- 46 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 0.6 mile southeast of Cranesnest from the mouth of Cranesnest Hollow up the ridge to the north; 59-B
Reference: Eby, Campbell, and Stose, 1923, p. 107
- 47 Units: Norton formation; Gladeville sandstone; Wise formation
Location: About 1.3 miles southwest of Lyons community from Trace Fork of Cranesnest River, at the southern boundary of Caney Ridge quadrangle, west to the top of the ridge; 89-C
Reference: Hinds, 1916, p. 20

- LEGEND**
- INTERSTATE HIGHWAY
 - U.S. NUMBERED HIGHWAYS
 - VIRGINIA PRIMARY HIGHWAYS
 - RAILROADS
 - TRANSMISSION LINES
 - COUNTY BOUNDARY
 - CORPORATE LIMITS
 - COUNTY SEAT



WYTHE COUNTY
 VIRGINIA
 SCALE OF MILES
 0 1 2 3 4
 1968

Location Map of Wythe County

Wythe County

Section
Number

- 1 Units: Giles formation
Location: About 4 miles northeast of Wytheville on and near State Road 603 at the gap in Cove Mountain; 54-A
Reference: Swartz, F. M., 1929, p. 69
- 2 Units: Knox (Beekmantown) dolomite
Location: At Wytheville on the south side of Pine Ridge; 54-A
Reference: Bassler, 1909, p. 205
- 3 Units: Elbrook dolomite
Location: In the southeast environs of Wytheville along U. S. Highway 21; 54-A
Reference: Butts, 1940, p. 74-75
- 4a Units: Shady dolomite—saccharoidal dolomite member, Ivanhoe limestone member
Location: From Porters Crossroads to Cripple Creek along State Highway 94; 53-C
Reference: Currier, 1935, p. 23
- 4b Units: Rome formation
Location: South of Porters Crossroads and north of Cripple Creek bridge, along State Highway 94; 53-C
Reference: Currier, 1935, p. 39-40
- 4c Units: Rome formation; Shady dolomite; Rome formation
Location: About 2 miles north of Ivanhoe along State Highway 94; 53-C
Reference: Butts, 1940, p. 42-44
- 5 Units: Elbrook dolomite
Location: About 2 miles east of Porters Crossroads in a quarry on the east side of State Road 619; 53-C
Reference: Currier, 1935, p. 41
- 6 Units: Erwin quartzite; Shady dolomite—Patterson limestone member, Austinville member
Location: About 1 mile west of Jackson Ferry at the bend of New River; 53-C
Reference: Butts, 1940, p. 41-42
- 7 Units: Erwin quartzite; Shady dolomite
Location: About 0.5 mile southeast of Galena along a bend of U. S. Highway 52; 53-B
Reference: Currier, 1935, p. 14

Section
Number

- 8 Units: Shady dolomite
Location: East and north of Poplar Camp along Short Creek; 53-D
Reference: Butts, 1940, p. 50
- 9 Units: Shady dolomite
Location: At Poplar Camp, east of U. S. Highway 52 and south of State Road 607; 53-D
Reference: Currier, 1935, p. 33-34
- 10 Units: Shady dolomite
Location: From about 0.75 mile southeast of Austinville School nearly to Bethany; 53-C
Reference: Currier, 1935, p. 31-32
- 11 Units: Shady dolomite
Location: About 1 mile east of Austinville, from the Norfolk and Western Railway tracks to Poplar Camp Mountain along Clear Creek; 53-C
Reference: Butts, 1940, p. 46-47
- 12a Units: Shady dolomite—saccharoidal dolomite member
Location: About 0.5 mile northeast of Ivanhoe along the railroad; 53-C
Reference: Currier, 1935, p. 24
- 12b Units: Shady dolomite—Ivanhoe limestone member
Location: About 0.5 mile northeast of the railroad station at Ivanhoe at and above the quarry; 53-C
Reference: Currier, 1935, p. 28-29
- 13 Units: Shady dolomite—saccharoidal dolomite member
Location: From Huddle, at the junction of State Roads 619 and 643 toward Catron near State Road 643; 54-D
Reference: Currier, 1935, p. 24-25
- 14 Units: Erwin quartzite; Shady dolomite—Patterson member, "saccharoidal member"; Rome formation
Location: Southeast of Cedar Springs from near the confluence of Gray Branch and Cripple Creek southwestward to near the crossing of Crigger Creek by State Road 612; 55-D
Reference: Miller, 1944, p. 23-27
- 15 Units: Shady dolomite—Patterson member, "saccharoidal" member; Rome formation
Location: About 2 miles southeast of Cedar Springs along and near State Roads 749 and 671; 55-D
Reference: Currier, 1935, p. 26

REFERENCES

- Allen, R. M., Jr., 1967, Geology and mineral resources of Page County: Virginia Division of Mineral Resources Bull. 81, 78 p.
- American Association of Petroleum Geologists, 1970, Code of stratigraphic nomenclature: American Assoc. Petroleum Geologists, 22 p.
- Averitt, Paul, 1941, The Early Grove gas field, Scott and Washington counties, Virginia: Virginia Geol. Survey Bull. 56, 50 p.
- Bartlett, C. S., Jr., and Webb, H. W., 1971, Geology of the Bristol and Wallace quadrangles, Virginia: Virginia Division of Mineral Resources Rept. Inv. 25, 93 p.
- Bassler, R. S., 1907, Cement and cement materials, in Watson, T. L., The mineral resources of Virginia: Lynchburg, Virginia, J. P. Bell Company, p. 86-167.
- 1909, The cement resources of Virginia west of the Blue Ridge: Virginia Geol. Survey Bull. 2-A, 309 p.
- Bates, R. L., 1936, The Big A Mountain area, Virginia: Virginia Geol. Survey Bull. 46-M, p. 167-204.
- 1939, Geology of Powell Valley in northeastern Lee County, Virginia: Virginia Geol. Survey Bull. 51-B, p. 31-94.
- Bick, K. F., 1962, Geology of the Williamsville quadrangle, Virginia: Virginia Division of Mineral Resources Rept. Inv. 2, 40 p.
- Brent, W. B., 1960, Geology and mineral resources of Rockingham County: Virginia Division of Mineral Resources Bull. 76, 174 p.
- 1963, Geology of the Clinchport quadrangle, Virginia: Virginia Division of Mineral Resources Rept. Inv. 5, 47 p.
- Butts, Charles, 1927, Oil and gas possibilities at Early Grove, Scott County, Virginia: Virginia Geol. Survey Bull. 27, 18 p.
- 1940, Geology of the Appalachian Valley in Virginia: Virginia Geol. Survey Bull. 52, pt. 1, 568 p.
- Butts, Charles, and Edmundson, R. S., 1943, Geology of the southwestern end of Walker Mountain, Virginia: Geol. Soc. America Bull., vol. 54, no. 11, p. 1669-1692.
- 1966, Geology and mineral resources of Frederick County: Virginia Division of Mineral Resources Bull. 80, 142 p.
- Campbell, H. D., 1885, The Potsdam Group east of the Blue Ridge at Balcony Falls, Virginia: Amer. Jour. Sci., ser. 3, vol. 29, p. 470-474.
- Campbell, J. L., 1879, Geology of Virginia: Balcony Falls. The Blue Ridge and its geological connections. Some theoretical considerations: Am. Jour. Sci., ser. 3, vol. 18, p. 435-445.
- Campbell, M. R., 1893, Geology of the Big Stone Gap coal field of Virginia and Kentucky: U. S. Geol. Survey Bull. 111, 106 p.
- Campbell, M. R., and Woodruff, F. G., 1911, The Powell Mountain coal field, Scott and Wise counties, Virginia: U. S. Geol. Survey Bull. 431, pt. 2, p. 147-162.
- Carson, R. J., III, 1968, Physical stratigraphy of the post-Beekmantown-pre-Liberty Hall limestones, central Rockbridge County, Virginia: Tulane Studies in Geology, vol. 6, no. 2, p. 41-70.
- Catlett, Charles, 1904, Cement resources of the Valley of Virginia, in Emmons, S. F. and Hayes, C. W., Contributions to economic geology, 1903: U. S. Geol. Survey Bull. 225, p. 457-461.

- Cooper, B. N., 1936, Stratigraphy and structure of the Marion area, Virginia: Virginia Geol. Survey Bull. 46-L, p. 125-166.
- 1939, Geology of the Draper Mountain area, Virginia: Virginia Geol. Survey Bull. 55, 98 p.
- 1944a, Industrial limestones and dolomites in Virginia: New River-Roanoke River district: Virginia Geol. Survey Bull. 62, 98 p.
- 1944b, Geology and mineral resources of the Burkes Garden quadrangle, Virginia: Virginia Geol. Survey Bull. 60, 299 p.
- 1945, Industrial limestones and dolomites in Virginia: Clinch Valley district: Virginia Geol. Survey Bull. 66, 259 p.
- 1955, U. S. Route 11 from Virginia-West Virginia line to Bristol, in Russell, R. J., ed., Guides to southeastern Geology: Geol. Soc. America Guidebook, p. 1-27.
- 1960, The geology of the region between Roanoke and Winchester in the Appalachian Valley of western Virginia: Johns Hopkins Univ. Studies Geology, No. 18 Guidebook 2, 84 p.
- Cooper, B. N., and Cooper, G. A., 1946, Lower Middle Ordovician stratigraphy of the Shenandoah Valley, Virginia: Geol. Soc. America Bull., vol. 57, p. 35-113.
- Cooper, B. N., and Prouty, C. E., 1943, Stratigraphy of the lower Middle Ordovician of Tazewell County, Virginia: Geol. Soc. America Bull., vol. 54, p. 819-886.
- Currier, L. W., 1935, Zinc and lead region of southwestern Virginia: Virginia Geol. Survey Bull. 43, 122 p.
- Darton, N. H., 1899, Description of the Monterey quadrangle [Virginia-West Virginia]: U. S. Geol. Survey Geol. Atlas, Folio 61, 7 p.
- Decker, C. E., 1952, Stratigraphic significance of graptolites of Athens shale: Am. Assoc. Petroleum Geologist Bull., vol. 36, no. 1, p. 1-145.
- Eby, J. B., Campbell, M. R., and Stose, G. W., 1923, The geology and mineral resources of Wise County and the coal-bearing portion of Scott County, Virginia: Virginia Geol. Survey Bull. 24, 617 p.
- Eckel, E. C., 1905, The Oriskany and Clinton iron ores of Virginia, in Emmons, S. F., and Eckel, E. C., Contributions to economic geology, 1905: U. S. Geol. Survey Bull. 285, p. 183-189.
- Edmundson, R. S., 1945, Industrial limestones and dolomites in Virginia: northern and central parts of Shenandoah Valley: Virginia Geol. Survey Bull. 65, 195 p.
- 1958, Industrial limestones and dolomites in Virginia: James River district west of the Blue Ridge: Virginia Division of Mineral Resources Bull. 73, 137 p.
- Englund, K. J., 1964, Stratigraphy of the Lee Formation in the Cumberland Mountains of southeastern Kentucky: U. S. Geol. Survey Prof. Paper, 501-B, p. B30-B38.
- Fontaine, W. M., 1877, Notes on the Vespertine strata of Virginia and West Virginia: Am. Jour. Sci., 3rd ser., vol. 13, p. 115-123.
- Giles, A. W., 1921, Geology and coal resources of Dickinson County, Virginia: Virginia Geol. Survey Bull. 21, 224 p.
- 1925, The geology and coal resources of the coal-bearing portion of Lee County, Virginia: Virginia Geol. Survey Bull. 26, 216 p.
- 1927, The origin and occurrence in Rockbridge County, Virginia of so-called "bentonite": Jour. Geology, vol. 35, p. 527-541.

- Hack, J. T., and Durloo, L. H., 1962, Geology of the Luray Caverns, Virginia: Virginia Division of Mineral Resources Rept. Inv. 3, 43 p.
- Harnsberger, T. K., 1919, The geology and coal resources of the coal-bearing portion of Tazewell County, Virginia: Virginia Geol. Survey Bull. 19, 195 p.
- Hewett, D. F., 1917, Some manganese mines in Virginia and Maryland, in Contributions to economic geology 1916: U. S. Geol. Survey Bull. 640, pt. 1, p. 37-71.
- Hinds, Henry, 1916, The coal resources of the Clintwood and Bucu quadrangles, Virginia: Virginia Geol. Survey Bull. 12, 206 p.
- 1918, The geology and coal resources of Buchanan County, Virginia: Virginia Geol. Survey Bull. 18, 278 p.
- Hubbard, G. D., and Croneis, C. G., 1924, Notes on the geology of Giles County: Dennison Univ. Bull. vol. 24, Sci. Lab. Jour. vol. 20, p. 307-377.
- Huffman, G. G., 1945, Middle Ordovician limestone from Lee County, Virginia to central Kentucky: Jour. Geology, vol. 53, no. 3, p. 145-174.
- Kay, G. M., 1956, Ordovician limestones in the western anticlines of the Appalachians in West Virginia and Virginia northeast of the New River: Geol. Soc. America Bull., vol. 67, p. 55-106.
- Kellberg, J. M., and Grant, L. F., 1956, Coarse conglomerates in the Middle Ordovician in the southern Appalachian Valley: Geol. Soc. America Bull., vol. 67, no. 6, p. 697-716.
- Kindle, E. M., 1911, The recurrence of *Tropidoleptus carinatus* in the Che-mung fauna of Virginia: Jour. Geology, vol. 19, p. 346-357.
- 1912, The Onondaga fauna of the Allegheny region: U. S. Geol. Survey Bull. 508, 144 p.
- King, P. B., 1950, Geology of the Elkton area, Virginia: U. S. Geol. Survey Prof. Paper 230, 82 p.
- Lathrop, W. A., 1884, Geological section at Pocahontas: The Virginias, vol. 5, no. 6, p. 97.
- Lesure, F. J., 1957, Geology of the Clifton Forge iron district, Virginia: Virginia Polytech. Inst. Bull., vol. 50 (Eng. Expt. Sta. Ser. No. 118), 130 p.
- Lyman, B. S., 1886, Geology of the Low Moor, Virginia, iron ores: Am. Inst. Min. Eng., Tran., vol. 14, p. 801-809.
- Matthews, A. A. L., 1934, Marble prospects in Giles County, Virginia: Virginia Geol. Survey Bull. 40, 52 p.
- McCue, J. B., Lucke, J. B., and Woodward, H. P., 1939, Limestones of West Virginia: West Virginia Geol. Survey, Vol. 12, 560 p.
- Miller, R. L., 1944, Geology and manganese deposits of the Glade Mountain district, Virginia: Virginia Geol. Survey Bull. 61, 150 p.
- 1964, The Little Stone Gap Member of the Hinton Formation (Mississippian) in southwest Virginia: U. S. Geol. Survey Prof. Paper 501B, p. B39-B42.
- 1969, Pennsylvanian formations of southwest Virginia: U. S. Geol. Survey Bull. 1280, 62 p.
- Miller, R. L., and Brosgé, W. P., 1954, Geology and oil resources of the Jonesville district, Lee County, Virginia: U. S. Geol. Survey Bull. 990, 240 p.

- Miller, R. L., and Fuller, J. O., 1954, Geology and oil resources of the Rose Hill district—the Fenster area of the Cumberland overthrust block—Lee County, Virginia: Virginia Geol. Survey Bull. 71, 383 p.
- Miller, R. L., Harris, L. P., and Roen, J. B., 1964, The Wildcat Valley Sandstone (Devonian) of southwest Virginia: U. S. Geol. Survey Prof. Paper 501B, p. B49-B52.
- Neuman, R. B., 1951, St. Paul Group: A revision of the “Stones River” Group of Maryland and adjacent states: Geol. Soc. America Bull., vol. 62, p. 267-324.
- Prouty, C. E., 1946, Lower Middle Ordovician of southwest Virginia and northeast Tennessee: Am. Assoc. Petroleum Geologist Bull., vol. 30, p. 1140-1191.
- Rasetti, Franco, 1965, Upper Cambrian trilobite faunas of northeastern Tennessee: Smithsonian Misc. Coll., vol. 148, no. 3, 127 p.
- Read, C. B., 1955, Floras of the Pocono formation and Price sandstone in parts of Pennsylvania, Maryland, West Virginia, and Virginia: U. S. Geol. Survey Prof. Paper 263, 32 p.
- Reger, D. B., and Price, P. H., 1926, Mercer, Monroe, and Summers counties: West Virginia Geol. Survey County Rpts., 963 p.
- Roen, J. B., Miller, R. L., and Huddle, J. W., 1964, The Chattanooga Shale (Devonian and Mississippian) in the vicinity of Big Stone Gap, Virginia: U. S. Geol. Survey Prof. Paper 501B, p. B43-B48.
- Rosenkrans, R. R., 1933, Bentonite in northern Virginia: Washington Acad. Sci. Jour., vol. 23, p. 413-419.
- 1936, Stratigraphy of Ordovician bentonite beds in southwestern Virginia: Virginia Geol. Survey Bull. 46-1, p. 85-111.
- Secrist, M. H., and Evitt, W. R., II, 1943, The Paleontology and stratigraphy of the upper Martinsburg Formation of Massanutten Mountain, Virginia: Washington Acad. Sci. Jour., vol. 33, p. 358-368.
- Schmitz, E. J., 1895, A section of Rich Patch Mountain at Iron Gate, Virginia: Am. Inst. Min. Engineers Trans., vol. 25, p. 477-481.
- Snider, J. L., 1953, Reconnaissance for uranium in coal and shale in southern West Virginia and southwestern Virginia: U. S. Atomic Energy Commission, Rept. TEI-409, 28 p.
- Spencer, E. W., 1968, Geology of the Natural Bridge, Sugarloaf Mountain, Buchanan, and Arnold Valley quadrangles, Virginia: Virginia Division of Mineral Resources Rept. Inv. 13, 55 p.
- Stevenson, J. J., 1881, A geological reconnaissance of parts of Lee, Wise, Scott and Washington counties, Virginia: Am. Phil. Soc. Proc., vol. 19, p. 219-262.
- 1885, Notes on the geological structures of Tazewell, Russell, Wise, Smyth, and Washington counties of Virginia: the Virginias, vol. 6, p. 67-74.
- 1887, Notes on the Lower Carboniferous groups along the easterly side of the Appalachian area in Pennsylvania and Virginia: Am. Jour. Sci. ser. 3, vol. 34, p. 37-44.
- Stone, R. W., 1908, Coal resources of the Russell Fork basin in Kentucky and Virginia: U. S. Geol. Survey Bull. 348, 127 p.
- Stose, G. W., 1913, Geology of the salt and gypsum deposits of southwestern Virginia, in Watson, T. L., Biennial report on the mineral

- production of Virginia during the calendar years 1911 and 1912: Virginia Geol. Survey Bull. 8, p. 51-73.
- 1914, Phosphate deposits in southwestern Virginia: *in* White, David, Contributions to economic geology 1912: U. S. Geol. Survey Bull. 540, pt. 1, p. 383-396.
- 1920, Virginia, *in* Stone, R. W., and others, Gypsum deposits of the United States: U. S. Geol. Survey Bull. 697, p. 283-294.
- Stose, G. W., and others, 1919, Manganese deposits of the west foot of the Blue Ridge, Virginia: Virginia Geol. Survey Bull. 17, 166 p.
- Stose, G. W., and Miser, H. D., 1922, Manganese deposits of western Virginia: Virginia Geol. Survey Bull. 23, 206 p.
- Swartz, F. M., 1929, The Helderberg Group of parts of West Virginia and Virginia: U. S. Geol. Survey Prof. Paper 158-C, p. 27-75.
- 1938, Massanutten mountain syncline; Waterlick to summit of Powells Mountain *in* Bevan, A., Guidebook field conference of Pennsylvanian geologists in Virginia, 1938: Virginia Geol. Survey Guide Leaflet no. 1, p. 23-28.
- Swartz, J. H., 1926, Age of the Big Stone Gap shale of southwestern Virginia: Amer. Jour. Sci., ser. 5, vol. 12, p. 522-531.
- 1927, The Chattanooga age of the Big Stone Gap shale: Amer. Jour. Sci., ser. 5, vol. 14, p. 485-499.
- 1929, The age and stratigraphy of the Chattanooga black shale in northeastern Tennessee and Virginia: Amer. Jour. Sci. ser. 5, vol. 17, p. 431-448.
- Walker, L. G., 1970, Physical stratigraphy of the Ordovician Martinsburg Formation and its lateral equivalents in southwest Virginia: South-eastern Geology, vol. 11, no. 4, p. 215-230.
- Wanless, H. R., 1946, Pennsylvanian geology of a part of the southern Appalachian coal field: Geol. Soc. America Mem. 13, 162 p.
- Watson, T. L., 1907, The mineral resources of Virginia: Lynchburg, Virginia, J. P. Bell Company, 618 p.
- Weinberg, E. L. and others, 1963, Geological excursion in southwestern Virginia: Geol. Soc. America, Southeastern Section Annual Meeting 1963: Virginia Polytech. Inst. Eng. Extension Ser. Geological Guidebook no. 2, 99 p.
- Wentworth, C. K., 1922, The geology and coal resources of Russell County, Virginia: Virginia Geol. Survey Bull. 22, 179 p.
- West Virginia Geological and Economic Survey, 1953, Appalachian Geological Society field trip log, 27 p.
- Williams, H. S., and Kindle, E. M., 1905, Contributions to Devonian Paleontology: U. S. Geol. Survey Bull. 244, 144 p.
- Wilpolt, R. H., and Marden, D. W., 1959, Geology and oil and gas possibilities of upper Mississippian rocks of southwestern Virginia, southern West Virginia, and eastern Kentucky: U. S. Geol. Survey Bull. 1072-K, p. 587-656.
- Woodward, H. P., 1932, Geology and mineral resources of the Roanoke area, Virginia: Virginia Geol. Survey Bull. 34, 172 p.
- 1941, Silurian System of West Virginia: West Virginia Geol. Survey, vol. 14, 326 p.
- 1943, Devonian System of West Virginia: West Virginia Geol. Survey, vol. 15, 655 p.

- 1949, Cambrian System of West Virginia: West Virginia Geol. Survey, vol. 20, 317 p.
- 1951, Ordovician System of West Virginia: West Virginia Geol. Survey, vol. 21, 627 p.
- 1955, Harrisonburg to Bergton, *in* Fisher, C. C., ed., Guidebook joint field conference in the Harrisonburg area, Virginia: Appalachian Geological Society, p. 8-13, 34-39.

APPENDIX I

7.5-MINUTE TOPOGRAPHIC MAPS

- | | | | |
|------|-------------------|------|-----------------|
| 24 A | Whitetop Mountain | 58 A | Lebanon |
| B | Konnarock | B | Carbo |
| 25 B | Abingdon | C | Hansonville |
| C | Shady Valley | D | Brumley |
| 26 A | Wyndale | 59 A | St. Paul |
| B | Wallace | B | Toms Creek |
| C | Bristol | C | Dungannon |
| 27 A | Mendota | D | Moll Creek |
| B | Hilton | 60 A | Wise |
| C | Indian Springs | B | Norton |
| 28 A | Gate City | C | East Stone Gap |
| B | Clinchport | D | Fort Blackmore |
| C | Church Hill | 61 A | Appalachia |
| D | Kingsport | B | Benham |
| 29 A | Duffield | C | Keokee |
| B | Stickleyville | D | Big Stone Gap |
| D | Plum Grove | 62 D | Pennington Gap |
| 30 A | Ben Hur | 81 A | Ironto |
| B | Hubbard Springs | B | Blacksburg |
| 31 A | Rose Hill | 82 A | Radford North |
| B | Ewing | B | Staffordsville |
| C | Coleman Gap | C | Dublin |
| D | Back Valley | D | Radford South |
| 32 A | Varilla | 83 B | Mechanicsburg |
| C | Middlesboro South | 84 A | Rocky Gap |
| 53 A | Fosters Falls | B | Bastian |
| B | Max Meadows | D | Bland |
| C | Austinville | 85 A | Cove Creek |
| D | Sylvatus | B | Tiptop |
| 54 A | Wytheville | C | Hutchinson Rock |
| D | Cripple Creek | D | Garden Mtn. |
| 55 A | Rural Retreat | 86 A | Tazewell North |
| C | Atkins | C | Pounding Mill |
| D | Cedar Springs | D | Tazewell South |
| 56 A | Chatham Hill | 87 A | Jewell Ridge |
| B | Broadford | B | Keen Mountain |
| C | Chilhowie | C | Honaker |
| D | Marion | D | Richlands |
| 57 A | Saltville | 88 A | Vansant |
| B | Elk Garden | B | Prater |
| C | Hayters Gap | C | Duty |
| D | Glade Spring | D | Big A Mtn. |

- | | | | |
|-------|----------------|-------|-----------------|
| 89 A | Haysi | 139 C | Wharncliffe |
| B | Clintwood | 156 B | Vesuvius |
| C | Caney Ridge | 157 A | Brownsburg |
| D | Nora | B | Goshen |
| 90 A | Jenkins East | C | Lexington |
| C | Flat Gap | D | Cornwall |
| D | Pound | 158 B | Nimrod Hall |
| 91 D | Whitesburg | D | Collierstown |
| 109 B | Daleville | 159 A | Healing Springs |
| C | Roanoke | B | Falling Spring |
| 110 A | Catawba | C | Covington |
| B | Looney | D | Clifton Forge |
| D | Salem | 160 D | Callaghan |
| 112 B | Lindsay | 176 A | Staunton |
| C | Pearisburg | D | Stuarts Draft |
| D | Eggleston | 177 B | Deerfield |
| 113 A | Peterstown | C | Craigsville |
| C | Oakvale | D | Augusta Springs |
| D | Narrows | 178 A | Williamsville |
| 114 D | Princeton | B | Burnsville |
| 115 D | Bramwell | C | Bath Alum |
| 117 B | Panther | D | Green Valley |
| C | Patterson | 179 C | Mountain Grove |
| D | Bradshaw | D | Warm Springs |
| 118 A | Hurley | 187 A | Elkton East |
| B | Jamboree | B | Elkton West |
| C | Harman | 188 A | Harrisonburg |
| D | Grundy | B | Bridgewater |
| 119 D | Elkhorn City | C | Mt. Sidney |
| 134 A | Buena Vista | D | Grottoes |
| B | Glasgow | 189 A | Briery Branch |
| C | Snowden | D | Parnassus |
| 135 A | Natural Bridge | 190 C | McDowell |
| B | Sugarloaf Mtn. | D | West Augusta |
| C | Buchanan | 191 A | Monterey |
| D | Arnold Valley | B | Hightown |
| 136 A | Eagle Rock | C | Mustoe |
| B | Strom | D | Monterey SE |
| C | Oriskany | 198 B | Luray |
| D | Salisbury | C | Big Meadows |
| 137 A | Jordan Mines | 199 A | Hamburg |
| B | Alleghany | B | New Market |
| C | Potts Creek | C | Tenth Legion |
| D | New Castle | D | Stanley |
| 138 D | Paint Bank | | |

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|-------|----------------|-------|----------------|
| 200 A | Timberville | 211 D | Orkney Springs |
| B | Fulks Run | 216 B | Berryville |
| C | Singers Glen | C | Ashby Gap |
| D | Broadway | 217 A | Stephenson |
| 203 D | Snowy Mountain | B | Winchester |
| 208 B | Front Royal | C | Stephens City |
| 209 A | Strasburg | D | Boyce |
| B | Toms Brook | 218 A | Hayfield |
| C | Rileyville | C | Mountain Falls |
| D | Bentonville | D | Middletown |
| 210 A | Woodstock | 223 C | White Hall |
| C | Conicville | D | Inwood |
| D | Edinburg | 224 D | Gore |

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