

APPENDIX M

Shallow Bedrock

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Shallow Bedrock along the Mountain Valley Project a/

State	County	MP Start	MP End	Distance (miles)
West Virginia	Wetzel	0.0	0.6	0.6
West Virginia	Wetzel	0.7	0.7	<0.1
West Virginia	Wetzel	0.8	1.3	0.5
West Virginia	Wetzel	1.4	2.3	0.9
West Virginia	Wetzel	2.4	2.7	0.5
West Virginia	Wetzel	2.8	4.9	2.2
West Virginia	Wetzel	5.0	5.5	0.5
West Virginia	Wetzel	5.6	6.5	0.9
West Virginia	Wetzel	6.6	7.8	1.3
West Virginia	Wetzel	7.9	8.7	0.9
West Virginia	Wetzel	8.8	9.5	0.7
West Virginia	Harrison	9.6	11.1	1.6
West Virginia	Harrison	11.2	12.0	0.8
West Virginia	Harrison	12.1	15.3	3.2
West Virginia	Harrison	15.4	17.7	2.3
West Virginia	Harrison	17.8	18.7	0.7
West Virginia	Harrison	18.8	20.7	2.0
West Virginia	Harrison	20.8	21.5	0.8
West Virginia	Harrison	21.6	22.9	1.3
West Virginia	Harrison	23.0	25.7	2.7
West Virginia	Harrison	25.9	30.0	4.1
West Virginia	Harrison	30.1	31.2	1.1
West Virginia	Harrison	31.3	31.4	0.2
West Virginia	Doddridge	31.5	32.3	0.9
West Virginia	Doddridge	32.4	32.5	0.1
West Virginia	Harrison	33.0	33.3	0.3
West Virginia	Harrison	33.4	33.5	0.2
West Virginia	Harrison	33.6	33.6	0.1
West Virginia	Doddridge	33.7	34.1	0.4
West Virginia	Doddridge	34.2	34.8	0.6
West Virginia	Doddridge	34.9	36.8	2.0
West Virginia	Doddridge	36.9	37.3	0.5
West Virginia	Harrison	37.4	38.0	0.6
West Virginia	Lewis	38.1	41.1	3.1
West Virginia	Lewis	41.2	42.5	1.2
West Virginia	Lewis	42.6	43.0	0.5
West Virginia	Lewis	43.1	44.6	1.5
West Virginia	Lewis	44.8	45.8	0.9
West Virginia	Lewis	46.2	47.9	1.7
West Virginia	Lewis	48.0	48.0	0.1
West Virginia	Lewis	48.1	51.0	2.9
West Virginia	Lewis	51.1	52.2	1.1
West Virginia	Lewis	52.3	55.0	2.8
West Virginia	Lewis	55.1	58.5	3.4

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State	County	MP Start	MP End	Distance (miles)
West Virginia	Lewis	58.6	60.1	1.5
West Virginia	Lewis	60.2	60.3	0.2
West Virginia	Lewis	60.4	61.1	0.7
West Virginia	Lewis	61.3	62.1	0.9
West Virginia	Lewis	62.2	65.4	3.2
West Virginia	Braxton	65.5	67.3	1.8
West Virginia	Braxton	67.4	68.6	1.21
West Virginia	Braxton	68.7	69.9	1.2
West Virginia	Braxton	70.0	71.6	1.6
West Virginia	Braxton	71.7	72.2	0.5
West Virginia	Braxton	72.3	72.3	0.1
West Virginia	Braxton	72.4	73.4	1.0
West Virginia	Braxton	73.6	73.9	0.3
West Virginia	Braxton	74.0	74.0	<0.1
West Virginia	Braxton	74.1	74.7	0.6
West Virginia	Braxton	75.0	76.6	1.6
West Virginia	Braxton	76.7	77.3	0.6
West Virginia	Braxton	77.4	77.6	0.2
West Virginia	Braxton	77.7	78.0	0.3
West Virginia	Braxton	78.1	79.6	1.5
West Virginia	Braxton	79.8	80.2	0.4
West Virginia	Webster	80.3	81.6	1.4
West Virginia	Webster	81.9	82.2	0.3
West Virginia	Webster	82.4	82.6	0.2
West Virginia	Webster	82.7	84.0	1.3
West Virginia	Webster	84.1	87.3	3.2
West Virginia	Webster	87.7	92.4	4.7
West Virginia	Webster	92.5	93.0	0.6
West Virginia	Webster	93.2	97.6	4.4
West Virginia	Webster	97.7	98.6	0.9
West Virginia	Webster	98.8	102.2	3.4
West Virginia	Webster	102.3	104.8	2.5
West Virginia	Webster	104.9	106.3	1.4
West Virginia	Webster	106.4	107.0	0.6
West Virginia	Webster	107.1	109.7	2.7
West Virginia	Nicholas	109.8	109.9	0.3
West Virginia	Webster	110.0	110.1	0.1
West Virginia	Webster	110.2	110.5	0.3
West Virginia	Webster	110.6	110.8	0.3
West Virginia	Nicholas	110.9	111.1	0.3
West Virginia	Nicholas	111.3	111.7	0.3
West Virginia	Nicholas	111.8	112.0	0.2
West Virginia	Nicholas	112.1	112.1	0.1
West Virginia	Nicholas	112.2	113.2	1.0

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State	County	MP Start	MP End	Distance (miles)
West Virginia	Nicholas	113.3	114.3	1.0
West Virginia	Nicholas	114.4	115.4	1.0
West Virginia	Nicholas	115.5	116.1	0.7
West Virginia	Nicholas	116.2	117.0	0.8
West Virginia	Nicholas	117.1	117.4	0.4
West Virginia	Nicholas	117.5	117.5	0.1
West Virginia	Nicholas	117.6	117.8	0.3
West Virginia	Nicholas	117.9	118.0	0.1
West Virginia	Nicholas	118.1	118.8	0.6
West Virginia	Nicholas	119.0	120.2	1.2
West Virginia	Nicholas	120.3	122.2	1.9
West Virginia	Nicholas	122.3	122.5	0.2
West Virginia	Nicholas	122.6	122.9	0.3
West Virginia	Nicholas	123.0	123.1	0.1
West Virginia	Nicholas	123.2	123.3	0.2
West Virginia	Nicholas	123.4	124.5	1.1
West Virginia	Nicholas	124.6	124.6	0.1
West Virginia	Nicholas	125.0	125.4	0.5
West Virginia	Nicholas	125.5	126.0	0.5
West Virginia	Nicholas	126.1	126.7	0.7
West Virginia	Nicholas	126.9	128.2	1.3
West Virginia	Nicholas	128.5	130.4	1.9
West Virginia	Nicholas	130.5	131.3	0.8
West Virginia	Nicholas	131.5	132.2	0.7
West Virginia	Nicholas	132.4	135.3	2.9
West Virginia	Greenbrier	135.4	140.4	5.1
West Virginia	Greenbrier	140.5	143.9	3.4
West Virginia	Greenbrier	144.2	147.0	2.8
West Virginia	Greenbrier	147.1	149.9	2.8
West Virginia	Greenbrier	150.0	154.1	4.2
West Virginia	Fayette	154.2	154.4	0.3
West Virginia	Fayette	154.5	154.6	0.2
West Virginia	Greenbrier	154.7	154.7	0.1
West Virginia	Greenbrier	155.0	155.2	0.2
West Virginia	Greenbrier	155.3	155.7	0.5
West Virginia	Greenbrier	155.8	157.1	1.3
West Virginia	Summers	157.2	161.0	3.8
West Virginia	Summers	161.1	162.9	1.8
West Virginia	Summers	163.0	165.1	2.1
West Virginia	Summers	165.2	169.6	4.4
West Virginia	Summers	170.0	171.3	1.3
West Virginia	Summers	171.9	172.6	0.7
West Virginia	Summers	172.7	173.1	0.4
West Virginia	Summers	173.8	174.2	0.5

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State	County	MP Start	MP End	Distance (miles)
West Virginia	Monroe	174.3	174.3	<0.1
West Virginia	Monroe	174.4	179.1	4.7
West Virginia	Monroe	179.2	179.6	0.5
West Virginia	Monroe	179.7	182.2	2.6
West Virginia	Monroe	182.5	182.7	0.3
West Virginia	Monroe	182.8	184.0	1.3
West Virginia	Monroe	184.3	185.6	1.4
West Virginia	Monroe	185.7	186.1	0.4
West Virginia	Monroe	186.2	187.5	1.4
West Virginia	Monroe	187.6	190.0	2.3
West Virginia	Monroe	190.1	190.9	0.8
West Virginia	Monroe	191.0	191.7	0.8
West Virginia	Monroe	191.8	191.8	0.1
West Virginia	Monroe	191.9	191.9	0.1
West Virginia	Monroe	192.0	194.5	2.5
West Virginia	Monroe	194.6	195.1	0.5
West Virginia	Monroe	196.0	196.3	0.3
Virginia	Giles	196.4	197.4	1.2
Virginia	Giles	200.6	200.6	<0.1
Virginia	Giles	200.7	200.9	0.2
Virginia	Giles	201.0	201.0	0.1
Virginia	Giles	201.6	202.2	0.6
Virginia	Giles	202.3	202.9	0.5
Virginia	Giles	204.3	205.4	1.1
Virginia	Giles	206.6	206.6	< 0.1
Virginia	Giles	206.7	206.9	0.1
Virginia	Giles	207.2	207.7	0.5
Virginia	Giles	207.9	208.0	0.1
Virginia	Giles	208.1	208.3	0.2
Virginia	Giles	208.4	208.5	0.1
Virginia	Giles	208.6	208.9	0.3
Virginia	Giles	210.9	211.0	0.1
Virginia	Giles	211.4	212.4	1.1
Virginia	Giles	216.1	216.2	0.2
Virginia	Giles	216.6	216.8	0.2
Virginia	Craig	216.9	216.9	0.1
Virginia	Craig	218.0	218.5	0.5
Virginia	Montgomery	218.6	218.6	0.1
Virginia	Montgomery	219.6	219.6	<0.1
Virginia	Montgomery	219.7	221.8	2.2
Virginia	Montgomery	222.0	222.0	<0.1
Virginia	Montgomery	222.1	222.1	<0.1
Virginia	Montgomery	222.2	222.4	0.2
Virginia	Montgomery	222.5	222.6	0.1

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State	County	MP Start	MP End	Distance (miles)
Virginia	Montgomery	222.8	222.9	0.1
Virginia	Montgomery	223.4	223.8	0.4
Virginia	Montgomery	223.9	224.0	0.2
Virginia	Montgomery	224.5	225.5	1.0
Virginia	Montgomery	226.2	226.4	0.2
Virginia	Montgomery	226.8	227.1	0.3
Virginia	Montgomery	227.3	227.5	0.2
Virginia	Montgomery	227.6	227.9	0.3
Virginia	Montgomery	228.0	228.3	0.3
Virginia	Montgomery	228.4	228.4	0.1
Virginia	Montgomery	229.1	229.2	0.1
Virginia	Montgomery	229.3	229.5	0.3
Virginia	Montgomery	229.6	229.6	0.1
Virginia	Montgomery	229.7	229.7	<0.1
Virginia	Montgomery	229.8	230.8	1.0
Virginia	Montgomery	231.0	234.3	3.2
Virginia	Montgomery	234.5	234.5	<0.1
Virginia	Montgomery	234.6	234.6	<0.1
Virginia	Montgomery	235.3	235.4	0.1
Virginia	Montgomery	235.5	235.5	<0.1
Virginia	Montgomery	235.6	235.6	<0.1
Virginia	Montgomery	235.7	235.7	<0.1
Virginia	Montgomery	235.8	237.5	1.8
Virginia	Montgomery	237.6	237.7	0.2
Virginia	Montgomery	237.8	238.1	0.3
Virginia	Roanoke	238.2	241.0	2.9
Virginia	Roanoke	241.5	241.6	0.2
Virginia	Roanoke	242.8	242.9	<0.1
Virginia	Franklin	246.5	246.9	0.5
Virginia	Franklin	247.0	247.3	0.3
Virginia	Franklin	247.4	248.6	1.2
Virginia	Franklin	249.6	249.7	0.1
Virginia	Franklin	249.8	251.0	1.2
Virginia	Franklin	251.1	251.1	0.1
Virginia	Franklin	251.3	251.3	<0.1
Virginia	Franklin	251.5	251.5	<0.1
Virginia	Franklin	251.9	251.9	<0.1
Virginia	Franklin	252.1	252.1	<0.1
Virginia	Franklin	252.2	252.2	<0.1
Virginia	Franklin	252.3	252.3	0.1
Virginia	Franklin	252.4	252.4	0.1
Virginia	Franklin	252.5	252.6	0.1
Virginia	Franklin	252.8	252.8	<0.1
Virginia	Franklin	252.9	253.9	1.0

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State	County	MP Start	MP End	Distance (miles)
Virginia	Franklin	254.2	254.2	0.1
Virginia	Franklin	254.3	254.9	0.6
Virginia	Franklin	255.2	255.3	0.1
Virginia	Franklin	255.4	255.5	0.1
Virginia	Franklin	255.9	256.0	0.1
Virginia	Franklin	256.3	256.3	<0.1
Virginia	Franklin	256.4	256.4	<0.1
Virginia	Franklin	256.8	256.8	<0.1
Virginia	Franklin	257.0	257.1	0.1
Virginia	Franklin	257.6	257.6	<0.1
Virginia	Franklin	257.8	257.9	0.1
Virginia	Franklin	258.0	258.2	0.2
Virginia	Franklin	258.3	258.3	<0.1
Virginia	Franklin	259.2	259.4	0.2
Virginia	Franklin	259.5	260.1	0.6
Virginia	Franklin	260.2	260.3	0.1
Virginia	Franklin	260.4	260.5	<0.1
Virginia	Franklin	260.7	260.9	0.2
Virginia	Franklin	261.0	261.0	<0.1
Virginia	Franklin	261.2	261.2	<0.1
Virginia	Franklin	261.3	261.4	0.1
Virginia	Franklin	261.5	261.6	0.1
Virginia	Franklin	261.8	261.9	<0.1
Virginia	Franklin	262.0	262.2	0.3
Virginia	Franklin	262.4	262.4	0.1
Virginia	Franklin	262.8	262.9	0.1
Virginia	Franklin	263.3	263.3	<0.1
Virginia	Franklin	264.8	264.9	<0.1
Virginia	Franklin	265.0	265.0	<0.1
Virginia	Franklin	265.1	265.1	<0.1
Virginia	Franklin	265.2	265.2	0.1
Virginia	Franklin	265.6	265.7	0.1
Virginia	Franklin	266.0	266.0	<0.1
Virginia	Franklin	266.3	266.3	<0.1
Virginia	Franklin	267.0	267.1	0.1
Virginia	Franklin	268.9	269.0	0.1
Virginia	Franklin	269.1	269.2	0.2
Virginia	Franklin	269.4	269.4	0.1
Virginia	Franklin	269.8	269.8	<0.1
Virginia	Franklin	274.0	274.1	<0.1
Virginia	Franklin	274.2	274.3	0.1
Virginia	Franklin	274.4	274.4	0.1
Virginia	Franklin	275.2	275.3	0.1
Virginia	Franklin	276.6	276.8	0.2

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Shallow Bedrock along the Mountain Valley Project ^{a/}

State	County	MP Start	MP End	Distance (miles)
Virginia	Franklin	277.3	277.3	<0.1
Virginia	Franklin	277.4	277.5	0.1
Virginia	Franklin	277.7	277.8	0.1
Virginia	Franklin	277.9	277.9	<0.1
Virginia	Franklin	278.0	278.1	0.1
Virginia	Franklin	278.3	278.3	<0.1
Virginia	Franklin	278.7	278.7	<0.1
Virginia	Franklin	278.8	278.9	0.1
Virginia	Franklin	279.1	279.1	<0.1
Virginia	Franklin	279.3	279.5	0.2
Virginia	Franklin	279.6	280.0	0.4
Virginia	Franklin	280.1	280.1	0.1
Virginia	Franklin	280.6	280.7	<0.1
Virginia	Franklin	280.8	280.8	<0.1
Virginia	Franklin	280.9	281.0	0.1
Virginia	Franklin	281.5	281.6	0.1
Virginia	Franklin	281.7	281.7	0.1
Virginia	Franklin	281.8	281.9	0.1
Virginia	Franklin	282.0	283.5	1.5
Virginia	Franklin	283.8	283.9	0.1
Virginia	Pittsylvania	284.0	284.2	0.2
Virginia	Pittsylvania	293.7	293.7	0.1
Virginia	Pittsylvania	293.9	294.0	0.1
Virginia	Pittsylvania	296.7	297.0	0.2
			Total	216.4

^{a/} Bedrock within 7 feet of surface as mapped by NRCS 2016 (Natural Resources Conservation Service. 2016. Gridded Soil Survey Geographic (gSSURGO) by State, Tabular and vector digital dataset. Available online at: <https://gdg.sc.egov.usda.gov/>. Accessed March 29, 2016).

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