

## Non-Technical Descriptions

Nottoway County, Virginia

Only those map units that have entries for the selected non-technical description categories are included in this report.

### Map Unit: Aa - Appling angular cobbly sandy loam, undulating phase

**Description Category:** Virginia FOTG

*Appling is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is cobbly sandy loam about 10 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2s. The Virginia soil management group is V. This soil is not hydric.*

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### Map Unit: Ab - Appling angular cobbly sandy loam, rolling phase

**Description Category:** Virginia FOTG

*Appling is a strongly sloping, very deep, well drained soil. Typically the surface layer is cobbly sandy loam about 10 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a high available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3s. The Virginia soil management group is V. This soil is not hydric.*

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### Map Unit: Ac - Appling coarse sandy loam, undulating phase

**Description Category:** Virginia FOTG

*Appling is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is coarse sandy loam about 12 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a high available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2s. The Virginia soil management group is V. This soil is not hydric.*

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### Map Unit: Ad - Appling coarse sandy loam, eroded undulating phase

**Description Category:** Virginia FOTG

*Appling is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is coarse sandy loam about 12 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a high available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2s. The Virginia soil management group is V. This soil is not hydric.*

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### Map Unit: Ae - Appling coarse sandy loam, rolling phase

**Description Category:** Virginia FOTG

*Appling is a strongly sloping to moderately steep, very deep, well drained soil. Typically the surface layer is coarse sandy loam about 12 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a high available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4s. The Virginia soil management group is V. This soil is not hydric.*

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## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Af - Appling coarse sandy loam, eroded rolling phase

**Description Category:** Virginia FOTG

*Appling is a strongly sloping to moderately steep, very deep, well drained soil. Typically the surface layer is coarse sandy loam about 12 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a high available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4s. The Virginia soil management group is V. This soil is not hydric.*

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### Map Unit: Ag - Appling fine sandy loam, undulating phase

**Description Category:** Virginia FOTG

*Appling is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is V. This soil is not hydric.*

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### Map Unit: Ah - Appling fine sandy loam, eroded undulating phase

**Description Category:** Virginia FOTG

*Appling is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is V. This soil is not hydric.*

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### Map Unit: Ak - Appling fine sandy loam, rolling phase

**Description Category:** Virginia FOTG

*Appling is a strongly sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is V. This soil is not hydric.*

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### Map Unit: Al - Appling fine sandy loam, eroded rolling phase

**Description Category:** Virginia FOTG

*Appling is a strongly sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is V. This soil is not hydric.*

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### Map Unit: Am - Appling and Herndon very fine sandy loams, undulating phases

## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Am - Appling and Herndon very fine sandy loams, undulating phases

**Description Category:** Virginia FOTG

*Appling is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is very fine sandy loam about 10 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is V. This soil is not hydric.*

*Herndon is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is very fine sandy loam about 7 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is V. This soil is not hydric.*

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### Map Unit: An - Appling and Herndon very fine sandy loams, rolling phases

**Description Category:** Virginia FOTG

*Appling is a strongly sloping to moderately steep, very deep, well drained soil. Typically the surface layer is very fine sandy loam about 10 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is V. This soil is not hydric.*

*Herndon is a strongly sloping to moderately steep, very deep, well drained soil. Typically the surface layer is very fine sandy loam about 7 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is V. This soil is not hydric.*

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### Map Unit: Ao - Augusta loam

**Description Category:** Virginia FOTG

*Augusta is a nearly level to gently sloping, very deep, somewhat poorly drained soil. Typically the surface layer is loam about 7 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 18 inches. The land capability classification is 3w. The Virginia soil management group is Z. This soil is not hydric.*

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### Map Unit: Ba - Bremono loam, eroded rolling phase

**Description Category:** Virginia FOTG

*Bremno is a strongly sloping, moderately deep, somewhat excessively drained soil. Typically the surface layer is loam about 3 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a very low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is JJ. This soil is not hydric.*

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### Map Unit: Bb - Bremono loam, eroded hilly phase

## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Bb - Brema loam, eroded hilly phase

**Description Category:** Virginia FOTG

*Brema is a moderately steep to steep, moderately deep, somewhat excessively drained soil. Typically the surface layer is loam about 3 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a very low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 6e. The Virginia soil management group is JJ. This soil is not hydric.*

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### Map Unit: Ca - Cecil clay loam, eroded undulating phase

**Description Category:** Virginia FOTG

*Cecil is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is clay loam about 7 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is X. This soil is not hydric.*

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### Map Unit: Cb - Cecil clay loam, eroded rolling phase

**Description Category:** Virginia FOTG

*Cecil is a strongly sloping, very deep, well drained soil. Typically the surface layer is clay loam about 7 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is X. This soil is not hydric.*

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### Map Unit: Cc - Cecil clay loam, severely eroded rolling phase

**Description Category:** Virginia FOTG

*Cecil is a strongly sloping, very deep, well drained soil. Typically the surface layer is clay loam about 7 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is X. This soil is not hydric.*

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### Map Unit: Cd - Cecil clay loam, eroded hilly phase

**Description Category:** Virginia FOTG

*Cecil is a moderately steep, very deep, well drained soil. Typically the surface layer is clay loam about 7 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 6e. The Virginia soil management group is X. This soil is not hydric.*

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### Map Unit: Ce - Cecil coarse sandy loam, undulating phase

## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Ce - Cecil coarse sandy loam, undulating phase

**Description Category:** Virginia FOTG

*Cecil is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is coarse sandy loam about 7 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is X. This soil is not hydric.*

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### Map Unit: Cf - Cecil coarse sandy loam, rolling phase

**Description Category:** Virginia FOTG

*Cecil is a strongly sloping, very deep, well drained soil. Typically the surface layer is coarse sandy loam about 7 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is X. This soil is not hydric.*

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### Map Unit: Cg - Cecil coarse sandy loam, hilly phase

**Description Category:** Virginia FOTG

*Cecil is a moderately steep, very deep, well drained soil. Typically the surface layer is coarse sandy loam about 7 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 6e. The Virginia soil management group is X. This soil is not hydric.*

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### Map Unit: Ch - Cecil fine sandy loam, undulating phase

**Description Category:** Virginia FOTG

*Cecil is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 7 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is X. This soil is not hydric.*

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### Map Unit: Ck - Cecil fine sandy loam, rolling phase

**Description Category:** Virginia FOTG

*Cecil is a strongly sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 7 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is X. This soil is not hydric.*

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### Map Unit: Cl - Cecil fine sandy loam, hilly phase

## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Cl - Cecil fine sandy loam, hilly phase

**Description Category:** Virginia FOTG

*Cecil is a moderately steep, very deep, well drained soil. Typically the surface layer is fine sandy loam about 7 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 6e. The Virginia soil management group is X. This soil is not hydric.*

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### Map Unit: Cm - Cecil and Georgeville very fine sandy loams, undulating phases

**Description Category:** Virginia FOTG

*Cecil is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is very fine sandy loam about 7 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is X. This soil is not hydric.*

*Georgeville is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is very fine sandy loam about 8 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a high available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is X. This soil is not hydric.*

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### Map Unit: Cn - Cecil and Georgeville very fine sandy loams, rolling phases

**Description Category:** Virginia FOTG

*Cecil is a strongly sloping to moderately steep, very deep, well drained soil. Typically the surface layer is very fine sandy loam about 7 inches thick. The surface layer has a low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is X. This soil is not hydric.*

*Georgeville is a strongly sloping to moderately steep, very deep, well drained soil. Typically the surface layer is very fine sandy loam about 8 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a high available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is X. This soil is not hydric.*

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### Map Unit: Co - Chewacla silt loam

**Description Category:** Virginia FOTG

*Chewacla is a nearly level to gently sloping, very deep, somewhat poorly drained soil. Typically the surface layer is silt loam about 11 inches thick. The surface layer has a moderate content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is frequently flooded and is not ponded. The top of the seasonal high water table is at 12 inches. The land capability classification is 4w. The Virginia soil management group is I. This soil is hydric.*

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### Map Unit: Cp - Colfax sandy loam, undulating phase

## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Cp - Colfax sandy loam, undulating phase

**Description Category:** Virginia FOTG

*Colfax is a gently sloping to moderately sloping, very deep, somewhat poorly drained soil. Typically the surface layer is sandy loam about 14 inches thick. The surface layer has a moderate content of organic matter. The slowest permeability is slow. It has a very low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 12 inches. The land capability classification is 3w. The Virginia soil management group is BB. This soil is not hydric.*

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### Map Unit: Da - Durham coarse sandy loam, undulating phase

**Description Category:** Virginia FOTG

*Durham is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is coarse sandy loam about 18 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderately slow. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is CC. This soil is not hydric.*

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### Map Unit: Db - Durham coarse sandy loam, rolling phase

**Description Category:** Virginia FOTG

*Durham is a strongly sloping, very deep, well drained soil. Typically the surface layer is coarse sandy loam about 18 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderately slow. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is CC. This soil is not hydric.*

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### Map Unit: Dc - Durham fine sandy loam, undulating phase

**Description Category:** Virginia FOTG

*Durham is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 19 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderately slow. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is CC. This soil is not hydric.*

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### Map Unit: Dd - Durham fine sandy loam, rolling phase

**Description Category:** Virginia FOTG

*Durham is a strongly sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 19 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderately slow. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is CC. This soil is not hydric.*

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## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Ea - Enon fine sandy loam, undulating phase

**Description Category:** Virginia FOTG

*Enon is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is CC. This soil is not hydric.*

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### Map Unit: Eb - Enon fine sandy loam, eroded undulating phase

**Description Category:** Virginia FOTG

*Enon is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is Y. This soil is not hydric.*

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### Map Unit: Ec - Enon fine sandy loam, rolling phase

**Description Category:** Virginia FOTG

*Enon is a strongly sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is Y. This soil is not hydric.*

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### Map Unit: Ed - Enon fine sandy loam, eroded rolling phase

**Description Category:** Virginia FOTG

*Enon is a strongly sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is Y. This soil is not hydric.*

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### Map Unit: Ee - Enon-Vance-Helena soils, undulating phases

## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Ee - Enon-Vance-Helena soils, undulating phases

**Description Category:** Virginia FOTG

*Enon is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is Y. This soil is not hydric.*

*Vance is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 13 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is Y. This soil is not hydric.*

*Helena is a gently sloping to moderately sloping, very deep, moderately well drained soil. Typically the surface layer is fine sandy loam about 10 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 24 inches. The land capability classification is 2e. The Virginia soil management group is KK. This soil is not hydric.*

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### Map Unit: Ef - Enon-Vance-Helena soils, eroded undulating phases

**Description Category:** Virginia FOTG

*Enon is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is Y. This soil is not hydric.*

*Vance is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 13 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is Y. This soil is not hydric.*

*Helena is a gently sloping to moderately sloping, very deep, moderately well drained soil. Typically the surface layer is fine sandy loam about 10 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 24 inches. The land capability classification is 2e. The Virginia soil management group is KK. This soil is not hydric.*

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### Map Unit: Eg - Enon-Vance-Helena soils, rolling phases

**Description Category:** Virginia FOTG

*Enon is a strongly sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is Y. This soil is not hydric.*

*Vance is a strongly sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 13 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is Y. This soil is not hydric.*

*Helena is a strongly sloping, very deep, moderately well drained soil. Typically the surface layer is fine sandy loam about 10 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 24 inches. The land capability classification is 3e. The Virginia soil management group is KK. This soil is not hydric.*

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## Non-Technical Descriptions - Continued

Nottoway County, Virginia

**Map Unit:** Eg - Enon-Vance-Helena soils, rolling phases

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**Map Unit:** Eh - Enon-Vance-Helena soils, eroded rolling

**Description Category:** Virginia FOTG

*Enon is a strongly sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 6e. The Virginia soil management group is Y. This soil is not hydric.*

*Vance is a strongly sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 13 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 6e. The Virginia soil management group is Y. This soil is not hydric.*

*Helena is a strongly sloping, very deep, moderately well drained soil. Typically the surface layer is fine sandy loam about 10 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 24 inches. The land capability classification is 4e. The Virginia soil management group is KK. This soil is not hydric.*

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**Map Unit:** Ek - Enon-Vance-Helena soils, hilly phases

**Description Category:** Virginia FOTG

*Enon is a moderately steep, very deep, well drained soil. Typically the surface layer is fine sandy loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 6e. The Virginia soil management group is Y. This soil is not hydric.*

*Vance is a moderately steep, very deep, well drained soil. Typically the surface layer is fine sandy loam about 13 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 6e. The Virginia soil management group is Y. This soil is not hydric.*

*Helena is a moderately steep, very deep, moderately well drained soil. Typically the surface layer is fine sandy loam about 10 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 24 inches. The land capability classification is 4e. The Virginia soil management group is KK. This soil is not hydric.*

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**Map Unit:** El - Enon-Vance-Helena soils, eroded hilly phases

## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: E1 - Enon-Vance-Helena soils, eroded hilly phases

**Description Category:** Virginia FOTG

*Enon is a moderately steep, very deep, well drained soil. Typically the surface layer is fine sandy loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 7e. The Virginia soil management group is Y. This soil is not hydric.*

*Vance is a moderately steep, very deep, well drained soil. Typically the surface layer is fine sandy loam about 13 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 6e. The Virginia soil management group is Y. This soil is not hydric.*

*Helena is a moderately steep, very deep, moderately well drained soil. Typically the surface layer is fine sandy loam about 10 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 24 inches. The land capability classification is 4e. The Virginia soil management group is KK. This soil is not hydric.*

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### Map Unit: Ga - Gullied land

**Description Category:** Virginia FOTG

*Gullied Land consists of deeply eroded soils occurring in an intricate pattern of deep, connecting gullies.*

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### Map Unit: Ha - Helena fine sandy loam, undulating phase

**Description Category:** Virginia FOTG

*Helena is a gently sloping to moderately sloping, very deep, moderately well drained soil. Typically the surface layer is fine sandy loam about 10 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 24 inches. The land capability classification is 2e. The Virginia soil management group is KK. This soil is not hydric.*

---

### Map Unit: Hb - Helena fine sandy loam, eroded undulating phase

**Description Category:** Virginia FOTG

*Helena is a gently sloping to moderately sloping, very deep, moderately well drained soil. Typically the surface layer is fine sandy loam about 10 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 24 inches. The land capability classification is 2e. The Virginia soil management group is KK. This soil is not hydric.*

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### Map Unit: Hc - Helena fine sandy loam, rolling phase

## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Hc - Helena fine sandy loam, rolling phase

**Description Category:** Virginia FOTG

*Helena is a strongly sloping, very deep, moderately well drained soil. Typically the surface layer is fine sandy loam about 10 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 24 inches. The land capability classification is 3e. The Virginia soil management group is KK. This soil is not hydric.*

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### Map Unit: Hd - Helena fine sandy loam, eroded rolling phase

**Description Category:** Virginia FOTG

*Helena is a strongly sloping, very deep, moderately well drained soil. Typically the surface layer is fine sandy loam about 10 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a high shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 24 inches. The land capability classification is 3e. The Virginia soil management group is KK. This soil is not hydric.*

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### Map Unit: Ia - Iredell-Mecklenburg loams, undulating phases

**Description Category:** Virginia FOTG

*Iredell is a gently sloping to moderately sloping, very deep, moderately well drained soil. Typically the surface layer is loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a very high shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 18 inches. The land capability classification is 2e. The Virginia soil management group is KK. This soil is not hydric.*

*Mecklenburg is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is loam about 12 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is V. This soil is not hydric.*

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### Map Unit: Ib - Iredell-Mecklenburg loams, rolling phases

**Description Category:** Virginia FOTG

*Iredell is a strongly sloping, very deep, moderately well drained soil. Typically the surface layer is loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a very high shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 18 inches. The land capability classification is 3e. The Virginia soil management group is KK. This soil is not hydric.*

*Mecklenburg is a strongly sloping, very deep, well drained soil. Typically the surface layer is loam about 12 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is V. This soil is not hydric.*

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### Map Unit: Ic - Iredell-Mecklenburg loams, eroded rolling phases

## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Ic - Iredell-Mecklenburg loams, eroded rolling phases

**Description Category:** Virginia FOTG

*Iredell is a strongly sloping, very deep, moderately well drained soil. Typically the surface layer is loam about 9 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a very high shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 18 inches. The land capability classification is 3e. The Virginia soil management group is KK. This soil is not hydric.*

*Mecklenburg is a strongly sloping, very deep, well drained soil. Typically the surface layer is loam about 12 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a low available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is V. This soil is not hydric.*

---

### Map Unit: La - Lloyd clay loam, eroded undulating phase

**Description Category:** Virginia FOTG

*Lloyd is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is clay loam about 12 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is N. This soil is not hydric.*

---

### Map Unit: Lb - Lloyd clay loam, eroded rolling phase

**Description Category:** Virginia FOTG

*Lloyd is a strongly sloping, very deep, well drained soil. Typically the surface layer is clay loam about 12 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is N. This soil is not hydric.*

---

### Map Unit: Lc - Lloyd clay loam, eroded hilly phase

**Description Category:** Virginia FOTG

*Lloyd is a moderately steep, very deep, well drained soil. Typically the surface layer is clay loam about 12 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 6e. The Virginia soil management group is N. This soil is not hydric.*

---

### Map Unit: Ld - Lloyd loam, undulating phase

**Description Category:** Virginia FOTG

*Lloyd is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is loam about 12 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is N. This soil is not hydric.*

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## Non-Technical Descriptions - Continued

Nottoway County, Virginia

**Map Unit:** Ld - Lloyd loam, undulating phase

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**Map Unit:** Le - Lloyd loam, rolling phase

**Description Category:** Virginia FOTG

*Lloyd is a strongly sloping, very deep, well drained soil. Typically the surface layer is loam about 12 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is N. This soil is not hydric.*

---

**Map Unit:** Lf - Lloyd loam, hilly phase

**Description Category:** Virginia FOTG

*Lloyd is a moderately steep, very deep, well drained soil. Typically the surface layer is loam about 12 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is N. This soil is not hydric.*

---

**Map Unit:** Lg - Louisburg sandy loam, undulating phase

**Description Category:** Virginia FOTG

*Louisburg is a gently sloping to moderately sloping, moderately deep, well drained soil. Typically the surface layer is sandy loam about 16 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is rapid. It has a very low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is FF. This soil is not hydric.*

---

**Map Unit:** Lh - Louisburg sandy loam, rolling phase

**Description Category:** Virginia FOTG

*Louisburg is a strongly sloping, moderately deep, well drained soil. Typically the surface layer is sandy loam about 16 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is rapid. It has a very low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is FF. This soil is not hydric.*

---

**Map Unit:** Lk - Louisburg sandy loam, eroded rolling phase

**Description Category:** Virginia FOTG

*Louisburg is a strongly sloping, moderately deep, well drained soil. Typically the surface layer is sandy loam about 16 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is rapid. It has a very low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is FF. This soil is not hydric.*

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## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Lm - Louisburg sandy loam, hilly phase

**Description Category:** Virginia FOTG

*Louisburg is a moderately steep to steep, moderately deep, well drained soil. Typically the surface layer is sandy loam about 16 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is rapid. It has a very low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 7e. The Virginia soil management group is FF. This soil is not hydric.*

---

### Map Unit: Ln - Louisburg sandy loam, eroded hilly phase

**Description Category:** Virginia FOTG

*Louisburg is a moderately steep to steep, moderately deep, well drained soil. Typically the surface layer is sandy loam about 16 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is rapid. It has a very low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 7e. The Virginia soil management group is FF. This soil is not hydric.*

---

### Map Unit: Ma - Madison clay loam, eroded undulating phase

**Description Category:** Virginia FOTG

*Madison is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is clay loam about 6 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is X. This soil is not hydric.*

---

### Map Unit: Mb - Madison clay loam, eroded rolling phase

**Description Category:** Virginia FOTG

*Madison is a strongly sloping, very deep, well drained soil. Typically the surface layer is clay loam about 6 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is X. This soil is not hydric.*

---

### Map Unit: Mc - Madison clay loam, severely eroded rolling phase

**Description Category:** Virginia FOTG

*Madison is a strongly sloping, very deep, well drained soil. Typically the surface layer is clay loam about 6 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is X. This soil is not hydric.*

---

### Map Unit: Md - Madison clay loam, eroded hilly phase

## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Md - Madison clay loam, eroded hilly phase

**Description Category:** Virginia FOTG

*Madison is a moderately steep, very deep, well drained soil. Typically the surface layer is clay loam about 6 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 7e. The Virginia soil management group is X. This soil is not hydric.*

---

### Map Unit: Me - Madison clay loam, severely eroded hilly phase

**Description Category:** Virginia FOTG

*Madison is a moderately steep, very deep, well drained soil. Typically the surface layer is clay loam about 6 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 7e. The Virginia soil management group is X. This soil is not hydric.*

---

### Map Unit: Mf - Madison sandy loam, undulating phase

**Description Category:** Virginia FOTG

*Madison is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is sandy loam about 6 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is X. This soil is not hydric.*

---

### Map Unit: Mg - Madison sandy loam, eroded undulating phase

**Description Category:** Virginia FOTG

*Madison is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is sandy loam about 6 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is X. This soil is not hydric.*

---

### Map Unit: Mh - Madison sandy loam, rolling phase

**Description Category:** Virginia FOTG

*Madison is a strongly sloping, very deep, well drained soil. Typically the surface layer is sandy loam about 6 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is X. This soil is not hydric.*

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### Map Unit: Mk - Madison sandy loam, eroded rolling phase

## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Mk - Madison sandy loam, eroded rolling phase

**Description Category:** Virginia FOTG

*Madison is a strongly sloping, very deep, well drained soil. Typically the surface layer is sandy loam about 6 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is X. This soil is not hydric.*

---

### Map Unit: Ml - Madison sandy loam, hilly phase

**Description Category:** Virginia FOTG

*Madison is a moderately steep, very deep, well drained soil. Typically the surface layer is sandy loam about 6 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 6e. The Virginia soil management group is X. This soil is not hydric.*

---

### Map Unit: Mm - Madison sandy loam, eroded hilly phase

**Description Category:** Virginia FOTG

*Madison is a moderately steep, very deep, well drained soil. Typically the surface layer is sandy loam about 6 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 6e. The Virginia soil management group is X. This soil is not hydric.*

---

### Map Unit: Mn - Mixed alluvial land

**Description Category:** Virginia FOTG

*Mixed Alluvial Land consists of alluvial materials deposited at frequent intervals on the first bottoms of stream. These soils are frequently flooded.*

---

### Map Unit: Sa - Seneca sandy loam

**Description Category:** Virginia FOTG

*Seneca is a gently sloping to moderately sloping, very deep, moderately well drained soil. Typically the surface layer is sandy loam about 17 inches thick. The surface layer has a moderate content of organic matter. The slowest permeability is slow. It has a low available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 33 inches. The land capability classification is 2e. The Virginia soil management group is G. This soil is not hydric.*

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### Map Unit: Sb - Starr loam

## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Sb - Starr loam

**Description Category:** Virginia FOTG

*Starr is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is loam about 8 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a low available water capacity and a moderate shrink swell potential. This soil is rarely flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 2e. The Virginia soil management group is G. This soil is not hydric.*

---

### Map Unit: Sc - Stony land

**Description Category:** Virginia FOTG

*Stony Land consists of large, loose stones, boulders, and rock outcrops.*

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### Map Unit: Va - Vance fine sandy loam, undulating phase

**Description Category:** Virginia FOTG

*Vance is a gently sloping to moderately sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 13 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 3e. The Virginia soil management group is Y. This soil is not hydric.*

---

### Map Unit: Vb - Vance fine sandy loam, rolling phase

**Description Category:** Virginia FOTG

*Vance is a strongly sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 13 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is slow. It has a moderate available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is Y. This soil is not hydric.*

---

### Map Unit: Wa - Wehadkee silt loam

**Description Category:** Virginia FOTG

*Wehadkee is a nearly level to gently sloping, very deep, poorly drained soil. Typically the surface layer is silt loam about 22 inches thick. The surface layer has a moderate content of organic matter. The slowest permeability is moderate. It has a high available water capacity and a low shrink swell potential. This soil is frequently flooded and is not ponded. The top of the seasonal high water table is at 6 inches. The land capability classification is 6w. The Virginia soil management group is MM. This soil is hydric.*

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### Map Unit: Wb - Wehadkee soils

## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Wb - Wehadkee soils

**Description Category:** Virginia FOTG

*Wehadkee is a nearly level, very deep, poorly drained soil. Typically the surface layer is silt loam about 22 inches thick. The surface layer has a moderate content of organic matter. The slowest permeability is moderate. It has a high available water capacity and a low shrink swell potential. This soil is frequently flooded and is frequently ponded. The top of the seasonal high water table is at 6 inches. The land capability classification is 6w. The Virginia soil management group is MM. This soil is hydric.*

---

### Map Unit: Wc - Wickham fine sandy loam

**Description Category:** Virginia FOTG

*Wickham is a nearly level to gently sloping, very deep, well drained soil. Typically the surface layer is fine sandy loam about 11 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a moderate available water capacity and a low shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 1. The Virginia soil management group is B. This soil is not hydric.*

---

### Map Unit: Wd - Wilkes sandy loam, undulating phase

**Description Category:** Virginia FOTG

*Wilkes is a gently sloping to moderately sloping, shallow, well drained soil. Typically the surface layer is fine sandy loam about 8 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a very low available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 4e. The Virginia soil management group is JJ. This soil is not hydric.*

---

### Map Unit: We - Wilkes sandy loam, rolling phase

**Description Category:** Virginia FOTG

*Wilkes is a strongly sloping, shallow, well drained soil. Typically the surface layer is sandy loam about 8 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a very low available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 6e. The Virginia soil management group is JJ. This soil is not hydric.*

---

### Map Unit: Wf - Wilkes sandy loam, eroded rolling phase

**Description Category:** Virginia FOTG

*Wilkes is a strongly sloping, shallow, well drained soil. Typically the surface layer is sandy loam about 8 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a very low available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 6e. The Virginia soil management group is JJ. This soil is not hydric.*

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### Map Unit: Wg - Wilkes sandy loam, hilly phase

## Non-Technical Descriptions - Continued

Nottoway County, Virginia

### Map Unit: Wg - Wilkes sandy loam, hilly phase

**Description Category:** Virginia FOTG

*Wilkes is a moderately steep to steep, shallow, well drained soil. Typically the surface layer is sandy loam about 8 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a very low available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 7e. The Virginia soil management group is JJ. This soil is not hydric.*

---

### Map Unit: Wh - Wilkes sandy loam, eroded hilly phase

**Description Category:** Virginia FOTG

*Wilkes is a moderately steep to steep, shallow, well drained soil. Typically the surface layer is sandy loam about 8 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is moderate. It has a very low available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The seasonal high water table is at a depth of more than 6 feet. The land capability classification is 7e. The Virginia soil management group is JJ. This soil is not hydric.*

---

### Map Unit: Wk - Worsham sandy loam

**Description Category:** Virginia FOTG

*Worsham is a nearly level to moderately sloping, very deep, poorly drained soil. Typically the surface layer is sandy loam about 18 inches thick. The surface layer has a moderately low content of organic matter. The slowest permeability is very slow. It has a low available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 6 inches. The land capability classification is 4w. The Virginia soil management group is HH. This soil is hydric.*

---

### Map Unit: Wl - Worsham silt loam

**Description Category:** Virginia FOTG

*Worsham is a nearly level to moderately sloping, very deep, poorly drained soil. Typically the surface layer is silt loam about 7 inches thick. The surface layer has a moderate content of organic matter. The slowest permeability is slow. It has a high available water capacity and a moderate shrink swell potential. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 6 inches. The land capability classification is 4w. The Virginia soil management group is HH. This soil is hydric.*

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