

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

| Map symbol and soil name | Restrictive layer | | | Subsidence | | Potential for frost action | Risk of corrosion | | |
|-----------------------------|-------------------------|-----------------|-----------|------------------------|---------|----------------------------------|-------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | | Total | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| AmB: Airmont----- | Fragipan | 24-50 | 0-0 | Strongly cemented | 0 | --- | Moderate | Moderate | High |
| AmD: Airmont----- | Fragipan | 24-50 | 0-0 | Strongly cemented | 0 | --- | Moderate | Moderate | High |
| AnB: Andover----- | Fragipan | 20-28 | --- | Moderately cemented | 0 | 0 | High | High | High |
| Buchanan----- | Fragipan | 20-36 | --- | Moderately cemented | 0 | 0 | Moderate | High | High |
| At: Atkins----- | --- | --- | --- | --- | 0 | 0 | High | High | Moderate |
| BaB: Bagtown----- | Bedrock (lithic) | 72-72 | --- | --- | 0 | --- | Moderate | Low | High |
| BaC: Bagtown----- | Bedrock (lithic) | 72-72 | --- | --- | 0 | --- | Moderate | Low | High |
| BaD: Bagtown----- | Bedrock (lithic) | 72-72 | --- | --- | 0 | --- | Moderate | Low | High |
| BbD: Bagtown----- | Bedrock (lithic) | 72-72 | --- | --- | 0 | --- | Moderate | Low | High |
| BbE: Bagtown----- | Bedrock (lithic) | 72-72 | --- | --- | 0 | --- | Moderate | Low | High |
| Bc: Basher----- | --- | --- | --- | --- | 0 | --- | High | Moderate | Moderate |
| BeB: Berks----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | 0 | Low | Low | High |
| BeC: Berks----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | 0 | Low | Low | High |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | Subsidence | | Potential for frost action | Risk of corrosion | | |
|-----------------------------|-------------------------|-----------------|-----------|------------|---------|----------------------------------|-------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | | Total | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| BfB: Berks----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Low | Low | High |
| Weikert----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| BfC: Berks----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Low | Low | High |
| Weikert----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| BkB: Berks----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Low | Low | High |
| Weikert----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| Urban Land----- | --- | 10-10 | --- | --- | 0 | --- | None | --- | --- |
| BkD: Berks----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Low | Low | High |
| Weikert----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| Urban Land----- | --- | 10-10 | --- | --- | 0 | --- | None | --- | --- |
| Bp: Bigpool----- | --- | 72-72 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| BrB: Braddock----- | --- | --- | --- | --- | 0 | --- | Moderate | High | Moderate |
| Thurmont----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| BrC: Braddock----- | --- | --- | --- | --- | 0 | --- | Moderate | High | Moderate |
| Thurmont----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------------|-----------------|-----------|------------------------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| BrD: Braddock----- | --- | --- | --- | --- | 0 | --- | Moderate | High | Moderate |
| Thurmont----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| BtB: Brinkerton----- | Fragipan | 15-30 | --- | Moderately cemented | 0 | 0 | High | High | High |
| BuB: Buchanan----- | Fragipan | 20-36 | --- | Moderately cemented | 0 | --- | Moderate | High | High |
| BuC: Buchanan----- | Fragipan | 20-36 | --- | Moderately cemented | 0 | --- | Moderate | High | High |
| BuD: Buchanan----- | Fragipan | 20-36 | --- | Moderately cemented | 0 | --- | Moderate | High | High |
| CaB: Calvin----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | 0 | Moderate | Low | Moderate |
| CaC: Calvin----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | 0 | Moderate | Low | Moderate |
| CaD: Calvin----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | 0 | Moderate | Low | Moderate |
| CcB: Catoctin----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | --- | Low | High | Moderate |
| Myersville----- | Bedrock (paralithic) | 60-60 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| CcC: Catoctin----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | --- | Low | High | Moderate |
| Myersville----- | Bedrock (paralithic) | 60-60 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| CcD: Catoctin----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | --- | Low | High | Moderate |
| Myersville----- | Bedrock (paralithic) | 60-60 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| CkB: Clearbrook----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Moderate | High | Moderate |
| Cm: Codorus----- | --- | --- | --- | --- | 0 | --- | High | High | Moderate |
| Cn: Codorus----- | --- | --- | --- | --- | 0 | --- | High | High | Moderate |
| Co: Combs----- | --- | --- | --- | --- | 0 | --- | None | Low | Low |
| Cp: Combs----- | --- | --- | --- | --- | 0 | --- | None | Low | Low |
| DaB: Dekalb----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | 0 | Low | Low | High |
| DaC: Dekalb----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | 0 | Low | Low | High |
| DaD: Dekalb----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | 0 | Low | Low | High |
| DeA: Dekalb----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | --- | Low | Low | High |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| DeB: Dekalb----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | --- | Low | Low | High |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| DeC: Dekalb----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | --- | Low | Low | High |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| DeD: Dekalb----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | --- | Low | Low | High |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| DgF: Bagtown----- | Bedrock (lithic) | 72-72 | --- | --- | 0 | --- | Moderate | Low | High |
| Dekalb----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | --- | Low | Low | High |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| DhF: Dekalb----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | --- | Low | Low | High |
| Hazleton----- | Bedrock (lithic) | 40-40 | --- | --- | 0 | 0 | Moderate | Low | High |
| Dk: Deposit----- | --- | --- | --- | --- | 0 | --- | High | Moderate | Moderate |
| DnB: Deposit----- | --- | --- | --- | --- | 0 | --- | High | Moderate | Moderate |
| DoA: Downsville----- | --- | --- | --- | --- | 0 | --- | Moderate | Low | High |
| DoB: Downsville----- | --- | --- | --- | --- | 0 | --- | Moderate | Low | High |
| DoC: Downsville----- | --- | --- | --- | --- | 0 | --- | Moderate | Low | High |
| DoD: Downsville----- | --- | --- | --- | --- | 0 | --- | Moderate | Low | High |
| DoE: Downsville----- | --- | --- | --- | --- | 0 | --- | Moderate | Low | High |
| DrA: Dryrun----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| DrB: Dryrun----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| DsA: Duffield----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| DsB: Duffield----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| DsC: Duffield----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| DsD: Duffield----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| DuB: Duffield----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| DuC: Duffield----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| DvB: Duffield----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| DvC: Duffield----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| DvD: Duffield----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| Fa: Fairplay----- | --- | --- | --- | --- | 0 | --- | High | Moderate | Low |
| FO: Foxville----- | --- | --- | --- | --- | 0 | 0 | High | High | Moderate |
| Hatboro----- | --- | --- | --- | --- | 0 | 0 | High | High | Moderate |
| Ft: Funkstown----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | Low |
| HaA: Hagerstown----- | Bedrock (lithic) | 60-80 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| HaB: Hagerstown----- | Bedrock (lithic) | 60-80 | --- | --- | 0 | --- | Moderate | Moderate | Low |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| HaC: Hagerstown----- | Bedrock (lithic) | 60-80 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| HaD: Hagerstown----- | Bedrock (lithic) | 60-80 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| HbB: Hagerstown----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| HbC: Hagerstown----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| HbD: Hagerstown----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| HcB: Hagerstown----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| HcC: Hagerstown----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| HcD: Hagerstown----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| HdB: Duffield----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| Hagerstown----- | Bedrock (lithic) | 60-80 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| Urban Land----- | --- | 10-10 | --- | --- | 0 | --- | None | --- | --- |
| HdD: Duffield----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| Hagerstown----- | Bedrock (lithic) | 60-80 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| Urban Land----- | --- | 10-10 | --- | --- | 0 | --- | None | --- | --- |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| HgB: Hagerstown----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| Opequon----- | Bedrock (lithic) | 12-20 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| Hh: Hatboro----- | --- | --- | --- | --- | 0 | 0 | High | High | Moderate |
| HnB: Hazel----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Moderate | Low | High |
| HnC: Hazel----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | --- | Moderate | Low | High |
| HnD: Hazel----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | --- | Moderate | Low | High |
| HrE: Hazel----- | Bedrock (lithic) | 20-40 | --- | --- | 0 | --- | Moderate | Low | High |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| HsD: Hazleton----- | Bedrock (lithic) | 40-40 | --- | --- | 0 | 0 | Moderate | Low | High |
| HsE: Hazleton----- | Bedrock (lithic) | 40-40 | --- | --- | 0 | 0 | Moderate | Low | High |
| HtB: Highfield----- | Bedrock (lithic) | 40-80 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| HtC: Highfield----- | Bedrock (lithic) | 40-80 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| HtD: Highfield----- | Bedrock (lithic) | 40-80 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| KcB: Klinesville----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | High |
| Calvin----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | 0 | Moderate | Low | Moderate |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| KcC: Klinesville----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | High |
| Calvin----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | 0 | Moderate | Low | Moderate |
| KcD: Klinesville----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | High |
| Calvin----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | 0 | Moderate | Low | Moderate |
| KcF: Klinesville----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | High |
| Calvin----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | 0 | Moderate | Low | Moderate |
| LaB: Lantz----- | Bedrock (lithic) | 60-80 | --- | --- | 0 | --- | High | High | Moderate |
| Rohrersville----- | --- | --- | --- | --- | 0 | --- | High | High | Moderate |
| Lb: Lappans----- | --- | --- | --- | --- | 0 | 0 | Moderate | Low | Low |
| Ln: Lindsay----- | --- | --- | --- | --- | 0 | 0 | High | Moderate | Low |
| Me: Melvin----- | --- | --- | --- | --- | 0 | --- | High | High | Low |
| MgA: Monongahela----- | --- | --- | --- | --- | 0 | --- | Moderate | High | High |
| MgB: Monongahela----- | --- | --- | --- | --- | 0 | --- | Moderate | High | High |
| MgC: Monongahela----- | --- | --- | --- | --- | 0 | --- | Moderate | High | High |
| MgD: Monongahela----- | --- | --- | --- | --- | 0 | --- | Moderate | High | High |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| MhA: Monongahela----- | --- | --- | --- | --- | 0 | --- | Moderate | High | High |
| MhB: Monongahela----- | --- | --- | --- | --- | 0 | --- | Moderate | High | High |
| MhC: Monongahela----- | --- | --- | --- | --- | 0 | --- | Moderate | High | High |
| MkB: Mt. Zion----- | Bedrock (lithic) | 60-80 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| MkC: Mt. Zion----- | Bedrock (lithic) | 60-80 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| MmA: Mt. Zion----- | Bedrock (lithic) | 60-80 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| Rohrersville----- | --- | --- | --- | --- | 0 | --- | High | High | Moderate |
| MoB: Murrill----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| MoC: Murrill----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| MsB: Murrill----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | 0 | Moderate | High | Moderate |
| MsC: Murrill----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | 0 | Moderate | High | Moderate |
| MsD: Murrill----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | 0 | Moderate | High | Moderate |
| MuB: Murrill----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | 0 | Moderate | High | Moderate |
| Urban Land----- | --- | 10-10 | --- | --- | 0 | --- | None | --- | --- |
| MuD: Murrill----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | 0 | Moderate | High | Moderate |
| Urban Land----- | --- | 10-10 | --- | --- | 0 | --- | None | --- | --- |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| MvB: Myersville----- | Bedrock (paralithic) | 60-60 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| MvC: Myersville----- | Bedrock (paralithic) | 60-60 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| MwB: Myersville----- | Bedrock (paralithic) | 60-60 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| MwC: Myersville----- | Bedrock (paralithic) | 60-60 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| MwD: Myersville----- | Bedrock (paralithic) | 60-60 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| NoB: Nollville----- | Bedrock (paralithic) | 40-80 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| NoC: Nollville----- | Bedrock (paralithic) | 40-80 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| NoD: Nollville----- | Bedrock (paralithic) | 40-80 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| OpA: Opequon----- | Bedrock (lithic) | 12-20 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| OpB: Opequon----- | Bedrock (lithic) | 12-20 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| OpC: Opequon----- | Bedrock (lithic) | 12-20 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| OrB: Opequon----- | Bedrock (lithic) | 12-20 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| OrC: Opequon----- | Bedrock (lithic) | 12-20 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| OrD: Opequon----- | Bedrock (lithic) | 12-20 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| OrF: Opequon----- | Bedrock (lithic) | 12-20 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| PaB: Pecktonville----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| PaC: Pecktonville----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| PaD: Pecktonville----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| PcB: Pecktonville----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| PcC: Pecktonville----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| PcD: Pecktonville----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| PeE: Pecktonville----- | Bedrock (lithic) | 6-6 | --- | --- | 0 | --- | Moderate | Moderate | High |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| Pg: Philo----- | --- | --- | --- | --- | --- | --- | Moderate | Low | High |
| Ph: Philo----- | Bedrock (lithic) | 40-40 | --- | --- | 0 | --- | Moderate | Low | High |
| Pn: Pope----- | --- | --- | --- | --- | 0 | --- | Moderate | Low | High |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | | | In | In | | | |
| Po: Pope----- | --- | --- | --- | --- | 0 | --- | Moderate | Low | High |
| Qa: Quarry----- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Qm: Quarry----- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Qr: Quarry----- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Qs: Quarry----- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RaC: Ravenrock----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| RaD: Ravenrock----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| RcC: Ravenrock----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| Rohrersville----- | --- | --- | --- | --- | 0 | --- | High | High | Moderate |
| ReC: Highfield----- | Bedrock (lithic) | 40-80 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| Ravenrock----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| ReD: Highfield----- | Bedrock (lithic) | 40-80 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| Ravenrock----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| ReF: Highfield----- | Bedrock (lithic) | 40-80 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| Ravenrock----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| RhB: Rohrersville----- | --- | --- | --- | --- | 0 | --- | High | High | Moderate |
| Lantz----- | Bedrock (lithic) | 60-80 | --- | --- | 0 | --- | High | High | Moderate |
| RmB: Ryder----- | Bedrock (paralithic) | 24-40 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| Duffield----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| RmC: Ryder----- | Bedrock (paralithic) | 24-40 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| Duffield----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| RmD: Ryder----- | Bedrock (paralithic) | 24-40 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| Duffield----- | Bedrock (lithic) | 60-99 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| RnB: Ryder----- | Bedrock (paralithic) | 24-40 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| Nollville----- | Bedrock (paralithic) | 40-80 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| RnC: Ryder----- | Bedrock (paralithic) | 24-40 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| Nollville----- | Bedrock (paralithic) | 40-80 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| RnD: Ryder----- | Bedrock (paralithic) | 24-40 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| Nollville----- | Bedrock (paralithic) | 40-80 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| RvC: Ryder----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| Nollville----- | Bedrock (paralithic) | 40-80 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| RyB: Ryder----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| RyC: Ryder----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| RyD: Ryder----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Moderate | Low | Moderate |
| Rock Outcrop----- | Bedrock (lithic) | 0-0 | --- | --- | 0 | --- | None | --- | --- |
| SdB: Sideling----- | Bedrock (lithic) | 72-72 | --- | --- | 0 | --- | Moderate | High | Moderate |
| SdC: Sideling----- | Bedrock (lithic) | 72-72 | --- | --- | 0 | --- | Moderate | High | Moderate |
| SdD: Sideling----- | Bedrock (lithic) | 72-72 | --- | --- | 0 | --- | Moderate | High | Moderate |
| SgB: Sideling----- | Bedrock (lithic) | 72-72 | --- | --- | 0 | --- | Moderate | High | Moderate |
| SgC: Sideling----- | Bedrock (lithic) | 72-72 | --- | --- | 0 | --- | Moderate | High | Moderate |
| SgD: Sideling----- | Bedrock (lithic) | 72-72 | --- | --- | 0 | --- | Moderate | High | Moderate |
| SpA: Swanpond----- | --- | --- | --- | --- | 0 | --- | Moderate | High | Low |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| SpB: Swanpond----- | --- | --- | --- | --- | 0 | --- | Moderate | High | Low |
| SsA: Swanpond----- | --- | --- | --- | --- | 0 | --- | Moderate | High | Low |
| Funkstown----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | Low |
| SuA: Funkstown----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | Low |
| Swanpond----- | --- | --- | --- | --- | 0 | --- | Moderate | High | Low |
| Urban Land----- | --- | 10-10 | --- | --- | 0 | --- | None | --- | --- |
| TaB: Talladega----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Low | Moderate | High |
| TaC: Talladega----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Low | Moderate | High |
| TaD: Talladega----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Low | Moderate | High |
| ThB: Thurmont----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| ThC: Thurmont----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| ThD: Thurmont----- | --- | --- | --- | --- | 0 | --- | Moderate | Moderate | High |
| TrA: Trego----- | Fragipan | 20-30 | --- | --- | 0 | --- | Moderate | Moderate | High |
| TrB: Trego----- | Fragipan | 20-30 | --- | --- | 0 | --- | Moderate | Moderate | High |
| TrC: Trego----- | Fragipan | 20-30 | --- | --- | 0 | --- | Moderate | Moderate | High |
| TyA: Tyler----- | --- | --- | --- | --- | 0 | --- | High | High | High |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| TyB: Tyler----- | --- | --- | --- | --- | 0 | --- | High | High | High |
| Ud: Udorthents----- | --- | --- | --- | --- | 0 | --- | Moderate | High | Moderate |
| UrB: Urban Land----- | --- | 10-10 | --- | --- | 0 | --- | None | --- | --- |
| UrD: Urban Land----- | --- | 10-10 | --- | --- | 0 | --- | None | --- | --- |
| W: Water----- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| WaA: Walkersville----- | --- | 99-99 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| WaB: Walkersville----- | --- | 99-99 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| WaC: Walkersville----- | --- | 99-99 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| WcA: Walkersville----- | --- | 99-99 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| WcB: Walkersville----- | --- | 99-99 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| WcC: Walkersville----- | --- | 99-99 | --- | --- | 0 | --- | Moderate | Moderate | Low |
| WeB: Weikert----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| WeC: Weikert----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| WeD: Weikert----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | Subsidence | | Potential for frost action | Risk of corrosion | | |
|-----------------------------|-------------------------|-----------------|-----------|------------|---------|----------------------------------|-------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | | Total | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| WeF: Weikert----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| WkB: Berks----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Low | Low | High |
| Weikert----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| WkC: Weikert----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| Berks----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Low | Low | High |
| WkD: Weikert----- | Bedrock (paralithic) | 10-20 | --- | --- | 0 | 0 | Moderate | Moderate | Moderate |
| Berks----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Low | Low | High |
| WrC: Weverton----- | Bedrock (paralithic) | 40-60 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| WrD: Weverton----- | Bedrock (paralithic) | 40-60 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| WrE: Weverton----- | Bedrock (paralithic) | 40-60 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| WuB: Wurno----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Moderate | Low | Low |
| Nollville----- | Bedrock (paralithic) | 40-80 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |

Table K2.--Soil Features--Continued

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|-----------------------------|-------------------------|-----------------|-----------|----------|------------|-------|----------------------------------|-------------------|----------|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| WuC: Wurno----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Moderate | Low | Low |
| Nollville----- | Bedrock (paralithic) | 40-80 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| WuD: Wurno----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Moderate | Low | Low |
| Nollville----- | Bedrock (paralithic) | 40-80 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |
| WuE: Wurno----- | Bedrock (paralithic) | 20-40 | --- | --- | 0 | --- | Moderate | Low | Low |
| Nollville----- | Bedrock (paralithic) | 40-80 | --- | --- | 0 | --- | Moderate | Moderate | Moderate |

