| FIPS: 071 Map Symbol | Soil Name | Component Percent | HEL Class* | I | R | K | T | Slope Min(%) | Slope Max(%) | Slope Length Max (ft) | LS Min | LS Max | 8T/RK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AaB | Alamance | 100 | 1 | 56 | 250 | 0.43 | 4 | 2 | 6 | 300 | 0.163 | 1.647 | 0.298 |
| AaC | Alamance | 100 | 1 | 56 | 250 | 0.43 | 4 | 6 | 10 | 400 | 0.475 | 2.738 | 0.298 |
| AbB | Altavista | 100 | 2 | | 250 | 0.24 | 5 | 2 | 6 | 500 | 0.163 | 1.503 | 0.667 |
| AcB | Appling | 100 | 2 | | 250 | 0.24 | 4 | 2 | 6 | 600 | 0.163 | 1.647 | 0.533 |
| AcB2 | Appling | 100 | 2 | | 250 | 0.24 | 4 | 2 | 6 | 600 | 0.163 | 1.647 | 0.533 |
| AcC | Appling | 100 | 1 | | 250 | 0.24 | 4 | 6 | 10 | 400 | 0.475 | 2.738 | 0.533 |
| AcC2 | Appling | 100 | 1 | | 250 | 0.24 | 4 | 6 | 10 | 400 | 0.475 | 2.738 | 0.533 |
| AcD | Appling | 100 | 1 | | 250 | 0.24 | 4 | 10 | 15 | 300 | 0.968 | 4.433 | 0.533 |
| AcD2 | Appling | 100 | 1 | | 250 | 0.24 | 3 | 10 | 15 | 300 | 0.968 | 4.433 | 0.400 |
| AcE2 | Appling | 100 | 1 | | 250 | 0.24 | 3 | 15 | 25 | 250 | 1.810 | 9.313 | 0.400 |
| CaB3 | Cataula | 100 | 1 | 56 | 250 | 0.32 | 3 | 2 | 6 | 500 | 0.163 | 1.503 | 0.300 |
| CaC3 | Cataula | 100 | 1 | 56 | 250 | 0.32 | 3 | 6 | 10 | 350 | 0.475 | 2.561 | 0.300 |
| CaD3 | Cataula | 100 | 1 | 56 | 250 | 0.32 | 3 | 10 | 15 | 300 | 0.968 | 4.433 | 0.300 |
| CbB2 | Cataula | 100 | 1 | 86 | 250 | 0.28 | 3 | 2 | 6 | 500 | 0.163 | 1.503 | 0.343 |
| CcB3 | Cecil | 100 | 1 | | 250 | 0.28 | 4 | 2 | 6 | 600 | 0.163 | 1.647 | 0.457 |
| CcC3 | Cecil | 100 | 1 | | 250 | 0.28 | 4 | 6 | 10 | 400 | 0.475 | 2.738 | 0.457 |
| CcD3 | Cecil | 100 | 1 | 56 | 250 | 0.24 | 2 | 10 | 15 | 300 | 0.968 | 4.433 | 0.237 |
| CcE3 | Cecil | 100 | 1 | 56 | 250 | 0.24 | 2 | 15 | 25 | 250 | 1.810 | 9.313 | 0.267 |
| CdB | Cecil | 100 | 1 | | 250 | 0.28 | 4 | 2 | 6 | 600 | 0.163 | 1.647 | 0.457 |
| CdB2 | Cecil | 100 | 1 | | 250 | 0.28 | 4 | 2 | 6 | 600 | 0.163 | 1.647 | 0.457 |
| CdC | Cecil | 100 | 1 | | 250 | 0.28 | 4 | 6 | 10 | 400 | 0.475 | 2.738 | 0.457 |
| CdC2 | Cecil | 100 | 1 | | 250 | 0.28 | 4 | 6 | 10 | 400 | 0.475 | 2.738 | 0.457 |
| CdD | Cecil | 100 | 1 | | 250 | 0.28 | 4 | 10 | 15 | 300 | 0.968 | 4.433 | 0.457 |
| CdD2 | Cecil | 100 | 1 | 86 | 250 | 0.20 | 3 | 10 | 15 | 300 | 0.968 | 4.433 | 0.480 |
| CdE | Cecil | 100 | 1 | 86 | 250 | 0.20 | 3 | 15 | 25 | 250 | 1.810 | 9.313 | 0.480 |
| CdE2 | Cecil | 100 | 1 | 86 | 250 | 0.20 | 3 | 15 | 25 | 250 | 1.810 | 9.313 | 0.480 |
| CdF2 | Cecil | 100 | 1 | 86 | 250 | 0.20 | 3 | 25 | 40 | 200 | 4.165 | 17.893 | 0.480 |
| Ce | Chewacla | 100 | 3 | | 250 | 0.28 | 5 | 0 | 2 | 700 | 0.060 | 0.360 | 0.571 |
| Cf | Colfax | 100 | 3 | | 250 | 0.28 | 3 | 0 | 2 | 400 | 0.060 | 0.304 | 0.343 |
| Cg | Congaree fine sandy loam | 100 | 3 | 86 | 250 | 0.24 | 5 | 0 | 2 | 700 | 0.060 | 0.360 | 0.667 |
| Ch | Congaree silt loam | 100 | 3 | 48 | 250 | 0.37 | 5 | 0 | 2 | 700 | 0.060 | 0.360 | 0.432 |
| DaB | Davidson | 100 | 2 | 48 | 250 | 0.28 | 5 | 2 | 6 | 600 | 0.163 | 1.647 | 0.571 |
| DbB | Durham | 100 | 2 | | 250 | 0.24 | 5 | 2 | 6 | 500 | 0.163 | 1.503 | 0.667 |
| DbC | Durham | 100 | 1 | | 250 | 0.24 | 5 | 6 | 10 | 400 | 0.475 | 2.738 | 0.667 |
| DcB | Durham | 100 | 2 | | 250 | 0.17 | 5 | 2 | 6 | 500 | 0.163 | 1.503 | 0.941 |
| DcC | Durham | 100 | 2 | | 250 | 0.17 | 5 | 6 | 10 | 400 | 0.475 | 2.738 | 0.941 |
| EaB | Efland | 100 | 2 | | 250 | 0.24 | 4 | 2 | 6 | 500 | 0.163 | 1.503 | 0.533 |
| EaC2 | Efland | 100 | 1 | | 250 | 0.24 | 4 | 6 | 10 | 400 | 0.475 | 2.738 | 0.533 |
| EbB | Enon | 100 | 1 | | 250 | 0.28 | 2 | 2 | 6 | 500 | 0.163 | 1.503 | 0.229 |
| EbB2 | Enon | 100 | 1 | | 250 | 0.28 | 2 | 2 | 6 | 500 | 0.163 | 1.503 | 0.229 |

| FIPS: 071 Map Symbol | Soil Name | Component Percent | HEL Class* | I | R | K | T | Slope Min(%) | Slope Max(%) | Slope Length Max (ft) | LS Min | LS Max | 8T/RK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EbC | Enon | 100 | 1 | | 250 | 0.28 | 2 | 6 | 10 | 400 | 0.475 | 2.738 | 0.229 |
| EbC2 | Enon | 100 | 1 | | 250 | 0.28 | 2 | 6 | 10 | 400 | 0.475 | 2.738 | 0.229 |
| EbD | Enon | 100 | 1 | | 250 | 0.28 | 2 | 10 | 15 | 300 | 0.968 | 4.433 | 0.229 |
| EbD2 | Enon | 100 | 1 | | 250 | 0.28 | 2 | 10 | 15 | 300 | 0.968 | 4.433 | 0.229 |
| EbE | Enon | 100 | 1 | | 250 | 0.28 | 2 | 15 | 25 | 250 | 1.810 | 9.313 | 0.229 |
| EbE2 | Enon | 100 | 1 | | 250 | 0.28 | 2 | 15 | 25 | 250 | 1.810 | 9.313 | 0.229 |
| GaB | Georgeville | 100 | 1 | 56 | 250 | 0.43 | 4 | 2 | 6 | 600 | 0.163 | 1.647 | 0.298 |
| GaC | Georgeville | 100 | 1 | 56 | 250 | 0.43 | 4 | 6 | 10 | 400 | 0.475 | 2.738 | 0.298 |
| GaD | Georgeville | 100 | 1 | | 250 | 0.43 | 4 | 10 | 15 | 300 | 0.968 | 4.433 | 0.298 |
| GbB2 | Georgeville | 100 | 1 | 48 | 250 | 0.49 | 4 | 2 | 6 | 600 | 0.163 | 1.647 | 0.261 |
| GbC2 | Georgeville | 100 | 1 | 48 | 250 | 0.49 | 4 | 6 | 10 | 400 | 0.475 | 2.738 | 0.261 |
| GbC3 | Georgeville | 100 | 1 | | 250 | 0.32 | 3 | 6 | 10 | 400 | 0.475 | 2.738 | 0.300 |
| GbD3 | Georgeville | 100 | 1 | | 250 | 0.32 | 3 | 10 | 15 | 300 | 0.968 | 4.433 | 0.300 |
| GcC | Goldston | 100 | 1 | | 250 | 0.15 | 2 | 6 | 10 | 400 | 0.475 | 2.738 | 0.427 |
| GcD | Goldston | 100 | 1 | | 250 | 0.15 | 2 | 10 | 15 | 300 | 0.968 | 4.433 | 0.427 |
| HaB | Helena | 100 | 2 | | 250 | 0.15 | 3 | 2 | 6 | 500 | 0.163 | 1.503 | 0.640 |
| HaC | Helena | 100 | 1 | | 250 | 0.15 | 3 | 6 | 10 | 350 | 0.475 | 2.561 | 0.640 |
| HaC2 | Helena | 100 | 1 | | 250 | 0.15 | 3 | 6 | 10 | 350 | 0.475 | 2.561 | 0.640 |
| HaD2 | Helena | 100 | 1 | | 250 | 0.15 | 3 | 10 | 15 | 300 | 0.968 | 4.433 | 0.640 |
| HbB | Helena | 100 | 2 | | 250 | 0.20 | 3 | 2 | 6 | 500 | 0.163 | 1.503 | 0.480 |
| HcB | Herndon | 100 | 1 | 56 | 250 | 0.43 | 5 | 2 | 6 | 600 | 0.163 | 1.647 | 0.372 |
| HcB2 | Herndon | 100 | 1 | 56 | 250 | 0.43 | 5 | 2 | 6 | 600 | 0.163 | 1.647 | 0.372 |
| HcC | Herndon | 100 | 1 | 56 | 250 | 0.43 | 5 | 6 | 10 | 400 | 0.475 | 2.738 | 0.372 |
| HcC2 | Herndon | 100 | 1 | 56 | 250 | 0.43 | 5 | 6 | 10 | 400 | 0.475 | 2.738 | 0.372 |
| HcD | Herndon | 100 | 1 | 56 | 250 | 0.43 | 5 | 10 | 15 | 300 | 0.968 | 4.433 | 0.372 |
| HcD2 | Herndon | 100 | 1 | 56 | 250 | 0.43 | 5 | 10 | 15 | 300 | 0.968 | 4.433 | 0.372 |
| HdB | Hiwassee | 100 | 2 | | 250 | 0.28 | 5 | 2 | 6 | 600 | 0.163 | 1.647 | 0.571 |
| HdB2 | Hiwassee | 100 | 1 | | 250 | 0.28 | 5 | 2 | 6 | 600 | 0.163 | 1.647 | 0.571 |
| HdC | Hiwassee | 100 | 1 | | 250 | 0.28 | 5 | 6 | 10 | 400 | 0.475 | 2.738 | 0.571 |
| HcD2 | Hiwassee | 100 | 1 | | 250 | 0.28 | 5 | 6 | 10 | 400 | 0.475 | 2.738 | 0.571 |
| HdD2 | Hiwassee | 100 | 1 | | 250 | 0.28 | 5 | 10 | 15 | 300 | 0.968 | 4.433 | 0.571 |
| IaB | Iredell | 100 | 1 | 86 | 250 | 0.28 | 3 | 2 | 6 | 600 | 0.163 | 1.647 | 0.343 |
| LaB3 | Lloyd | 100 | 1 | | 250 | 0.28 | 5 | 2 | 6 | 600 | 0.163 | 1.647 | 0.571 |
| LaC3 | Lloyd | 100 | 1 | | 250 | 0.28 | 5 | 6 | 10 | 400 | 0.475 | 2.738 | 0.571 |
| LaD3 | Lloyd | 100 | 1 | 56 | 250 | 0.24 | 2 | 10 | 15 | 300 | 0.968 | 4.433 | 0.267 |
| LbB | Lloyd | 100 | 1 | | 250 | 0.28 | 5 | 2 | 6 | 600 | 0.163 | 1.647 | 0.571 |
| LbB2 | Lloyd | 100 | 1 | | 250 | 0.28 | 5 | 2 | 6 | 600 | 0.163 | 1.647 | 0.571 |
| LbC | Lloyd | 100 | 1 | | 250 | 0.28 | 5 | 6 | 10 | 400 | 0.475 | 2.738 | 0.571 |
| LbC2 | Lloyd | 100 | 1 | | 250 | 0.28 | 5 | 6 | 10 | 400 | 0.475 | 2.738 | 0.571 |
| LbD | Lloyd | 100 | 1 | | 250 | 0.28 | 5 | 10 | 15 | 300 | 0.968 | 4.433 | 0.571 |

| FIPS: 071 Map Symbol | Soil Name | Component Percent | HEL Class* | I | R | K | T | Slope Min(%) | Slope Max(%) | Slope Length Max (ft) | LS Min | LS Max | 8T/RK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LbD2 | Lloyd | 100 | 1 | | 250 | 0.28 | 5 | 10 | 15 | 300 | 0.968 | 4.433 | 0.571 |
| LbE | Lloyd | 100 | 1 | 86 | 250 | 0.20 | 3 | 15 | 25 | 250 | 1.810 | 9.313 | 0.480 |
| Lc | Local alluvial land | 100 | 3 | 86 | 250 | 0.24 | 5 | 0 | 2 | 300 | 0.060 | 0.279 | 0.667 |
| LdB3 | Lockhart | 100 | 1 | | 250 | 0.28 | 4 | 2 | 6 | 500 | 0.163 | 1.503 | 0.457 |
| LdC3 | Lockhart | 100 | 1 | | 250 | 0.28 | 4 | 6 | 10 | 400 | 0.475 | 2.738 | 0.457 |
| MaB | Mecklenburg | 100 | 2 | | 250 | 0.24 | 4 | 2 | 6 | 500 | 0.163 | 1.503 | 0.533 |
| MaC | Mecklenburg | 100 | 1 | | 250 | 0.24 | 4 | 6 | 10 | 400 | 0.475 | 2.738 | 0.533 |
| MaC2 | Mecklenburg | 100 | 1 | | 250 | 0.24 | 4 | 6 | 10 | 400 | 0.475 | 2.738 | 0.533 |
| MaD2 | Mecklenburg | 100 | 1 | | 250 | 0.24 | 4 | 10 | 15 | 300 | 0.968 | 4.433 | 0.533 |
| Mb | Mixed alluvial land, poorly drained | 100 | 3 | 86 | 250 | 0.20 | 5 | 0 | 2 | 500 | 0.060 | 0.325 | 0.800 |
| Mc | Mixed alluvial land, well drained | 100 | 3 | | 250 | 0.10 | 4 | 0 | 2 | 500 | 0.060 | 0.325 | 1.280 |
| Md | Moderately gullied land | 100 | 1 | | 250 | 0.28 | 5 | 0 | 25 | 300 | 0.060 | 10.202 | 0.571 |
| Me | Moderately gullied land | 100 | 1 | | 250 | 0.28 | 5 | 0 | 25 | 300 | 0.060 | 10.202 | 0.571 |
| OaB | Orange | 100 | 1 | | 250 | 0.43 | 3 | 2 | 6 | 400 | 0.163 | 1.344 | 0.223 |
| Pit | House sites; mines | 100 | 2 | | 250 | 0.28 | 5 | 6 | 10 | 300 | 0.475 | 2.371 | 0.571 |
| Sa | Severely gullied land | 100 | 1 | | 250 | 0.28 | 5 | 0 | 25 | 300 | 0.060 | 10.202 | 0.571 |
| TaB | Tirzah | 100 | 1 | 56 | 250 | 0.43 | 4 | 2 | 6 | 600 | 0.163 | 1.647 | 0.298 |
| TaB2 | Tirzah | 100 | 1 | 56 | 250 | 0.43 | 4 | 2 | 6 | 600 | 0.163 | 1.647 | 0.298 |
| TaC | Tirzah | 100 | 1 | 56 | 250 | 0.43 | 4 | 6 | 10 | 400 | 0.475 | 2.738 | 0.298 |
| TaC2 | Tirzah | 100 | 1 | | 250 | 0.43 | 4 | 6 | 10 | 400 | 0.475 | 2.738 | 0.298 |
| TaD2 | Tirzah | 100 | 1 | | 250 | 0.43 | 4 | 10 | 15 | 300 | 0.968 | 4.433 | 0.298 |
| WaB | Wickham | 100 | 2 | | 250 | 0.24 | 5 | 2 | 6 | 500 | 0.163 | 1.503 | 0.667 |
| WaC | Wickham | 100 | 1 | | 250 | 0.24 | 5 | 6 | 10 | 350 | 0.475 | 2.561 | 0.667 |
| WbB | Wilkes | 100 | 1 | | 250 | 0.24 | 2 | 2 | 6 | 400 | 0.163 | 1.344 | 0.267 |
| WbC | Wilkes | 100 | 1 | | 250 | 0.24 | 2 | 6 | 10 | 300 | 0.475 | 2.371 | 0.267 |
| WbC2 | Wilkes | 100 | 1 | | 250 | 0.24 | 2 | 6 | 10 | 300 | 0.475 | 2.371 | 0.267 |
| WbD | Wilkes | 100 | 1 | | 250 | 0.24 | 2 | 10 | 15 | 250 | 0.968 | 4.047 | 0.267 |
| WbD2 | Wilkes | 100 | 1 | | 250 | 0.24 | 2 | 10 | 15 | 250 | 0.968 | 4.047 | 0.267 |
| WbE | Wilkes | 100 | 1 | | 250 | 0.24 | 2 | 15 | 25 | 200 | 1.810 | 8.330 | 0.267 |
| WbE2 | Wilkes | 100 | 1 | | 250 | 0.24 | 2 | 15 | 25 | 200 | 1.810 | 8.330 | 0.267 |
| WbF | Wilkes | 100 | 1 | | 250 | 0.24 | 2 | 25 | 40 | 200 | 4.165 | 17.893 | 0.267 |
| WbF2 | Wilkes | 100 | 1 | | 250 | 0.24 | 2 | 25 | 40 | 200 | 4.165 | 17.893 | 0.267 |
| WcB | Worsham | 100 | 2 | | 250 | 0.28 | 4 | 2 | 6 | 400 | 0.163 | 1.344 | 0.457 |

**Slope Length Min=50 ft**

*HIGHLY ERODIBLE LAND CLASSES
1 = Highly Erodible
2 = Potentially Highly Erodible
3 = Not Highly Erodible

*March 1988*