

HIGHLY ERODIBLE LAND REPORT
 JANUARY, 1990

Survey Area- PITTSYLVANIA COUNTY, VIRGINIA AND CITY OF DANVILLE, VIRGINIA

| Map Symbol | Mapunit Name | Seq. Num. | Component Name | Cap. Subcl. | Prime Farm | HEL Soil | K Fact. | T Fact. |
|------------|--|-----------|----------------|-------------|------------|----------|---------|---------|
| 1B | APPLING SANDY LOAM, 2 TO 7 PERCENT SLOPES | 1 | APPLING | 2E | 1 | PHEL | .24 | 4 |
| 1C | APPLING SANDY LOAM, 7 TO 15 PERCENT SLOPES | 1 | APPLING | 4E | 0 | PHEL | .24 | 4 |
| 2C | ASHLAR FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES | 1 | ASHLAR | 4E | 0 | HEL | .24 | 2 |
| 2D | ASHLAR FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES | 1 | ASHLAR | 7E | 0 | HEL | .24 | 2 |
| 2E | ASHLAR FINE SANDY LOAM, 35 TO 50 PERCENT SLOPES | 1 | ASHLAR | 7E | 0 | HEL | .24 | 2 |
| 3A | BOLLING FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED | 1 | BOLLING | 2W | 1 | NHEL | .28 | 4 |
| 3B | BOLLING FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES | 1 | BOLLING | 2E | 1 | PHEL | .28 | 4 |
| 4B | CECIL SANDY LOAM, 2 TO 7 PERCENT SLOPES | 1 | CECIL | 2E | 1 | PHEL | .28 | 4 |
| 4C | CECIL SANDY LOAM, 7 TO 15 PERCENT SLOPES | 1 | CECIL | 4E | 0 | PHEL | .28 | 4 |
| 5B3 | CECIL SANDY CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED | 1 | CECIL | 3E | 0 | PHEL | .28 | 3 |
| 5C3 | CECIL SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED | 1 | CECIL | 4E | 0 | PHEL | .28 | 3 |
| 6B | CECIL-URBAN LAND COMPLEX, 2 TO 7 PERCENT SLOPES | 1 | CECIL | 2E | 0 | PHEL | .28 | 4 |
| 6C | CECIL-URBAN LAND COMPLEX, 7 TO 20 PERCENT SLOPES | 1 | CECIL | 4E | 0 | PHEL | .28 | 4 |
| 7A | CHENNEBY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED | 1 | CHENNEBY | 4W | 0 | NHEL | .37 | 5 |
| 8A | CHENNEBY-TOCCOA COMPLEX, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED | 1 | CHENNEBY | 4W | 0 | NHEL | .37 | 5 |
| 8A | CHENNEBY-TOCCOA COMPLEX, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED | 2 | TOCCOA | 3W | 0 | NHEL | .10 | 4 |
| 9B | CREEDMOOR FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES | 1 | CREEDMOOR | 2E | 0 | PHEL | .28 | 3 |
| 9C | CREEDMOOR FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES | 1 | CREEDMOOR | 4E | 0 | PHEL | .28 | 3 |
| 10B | CULLEN LOAM, 2 TO 7 PERCENT SLOPES | 1 | CULLEN | 2E | 1 | PHEL | .37 | 4 |
| 11B3 | CULLEN CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED | 1 | CULLEN | 3E | 0 | PHEL | .24 | 3 |
| 11C3 | CULLEN CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED | 1 | CULLEN | 4E | 0 | HEL | .24 | 3 |
| 12B | ENOTT FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES | 1 | ENOTT | 2E | 0 | PHEL | .20 | 4 |
| 12C | ENOTT FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES | 1 | ENOTT | 3E | 0 | PHEL | .20 | 4 |
| 12D | ENOTT FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES | 1 | ENOTT | 4E | 0 | HEL | .20 | 4 |
| 13D | GOLDSTON VERY CHANNERY SILT LOAM, 15 TO 35 PERCENT SLOPES | 1 | GOLDSTON | 7S | 0 | HEL | .05 | 1 |
| 14C | GOLDSTON-TATUM COMPLEX, 7 TO 15 PERCENT SLOPES | 1 | GOLDSTON | 4S | 0 | HEL | .05 | 1 |
| 14C | GOLDSTON-TATUM COMPLEX, 7 TO 15 PERCENT SLOPES | 2 | TATUM | 3E | 0 | HEL | .20 | 4 |
| 15E | GOLDSTON-ROCK OUTCROP COMPLEX, 35 TO 60 PERCENT SLOPES | 1 | GOLDSTON | 8S | 0 | HEL | .05 | 1 |
| 16B | HELENA SANDY LOAM, 2 TO 7 PERCENT SLOPES | 1 | HELENA | 2E | 1 | PHEL | .24 | 4 |
| 16C | HELENA SANDY LOAM, 7 TO 15 PERCENT SLOPES | 1 | HELENA | 4E | 0 | PHEL | .24 | 4 |
| 17B | HIWASSEE LOAM, 2 TO 7 PERCENT SLOPES | 1 | HIWASSEE | 2E | 1 | PHEL | .28 | 5 |
| 18B3 | HIWASSEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED | 1 | HIWASSEE | 3E | 0 | PHEL | .28 | 5 |
| 18C3 | HIWASSEE CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED | 1 | HIWASSEE | 6E | 0 | PHEL | .28 | 5 |
| 19B | HIWASSEE COBBLY SANDY LOAM, 2 TO 7 PERCENT SLOPES | 1 | HIWASSEE | 3S | 0 | PHEL | .24 | 5 |
| 19C | HIWASSEE COBBLY SANDY LOAM, 7 TO 15 PERCENT SLOPES | 1 | HIWASSEE | 4S | 0 | PHEL | .24 | 5 |
| 20B | LEAKSVILLE SILT LOAM, 0 TO 4 PERCENT SLOPES | 1 | LEAKSVILLE | 3W | 0 | PHEL | .43 | 2 |
| 21D | MADISON FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES | 1 | MADISON | 6E | 0 | HEL | .24 | 4 |
| 21E | MADISON FINE SANDY LOAM, 25 TO 45 PERCENT SLOPES | 1 | MADISON | 7E | 0 | HEL | .24 | 4 |
| 22B | MATTAPONI SANDY LOAM, 2 TO 7 PERCENT SLOPES | 1 | MATTAPONI | 2E | 1 | PHEL | .28 | 5 |
| 22C | MATTAPONI SANDY LOAM, 7 TO 15 PERCENT SLOPES | 1 | MATTAPONI | 4E | 0 | PHEL | .28 | 5 |

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|------------|---|-----------|----------------|-------------|------------|----------|---------|---------|--|
| 23B | MAYODAN FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES | 1 | MAYODAN | 2E | 1 | PHEL | .24 | 4 | |
| 23C | MAYODAN FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES | 1 | MAYODAN | 4E | 0 | PHEL | .24 | 4 | |
| 23D | MAYODAN FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES | 1 | MAYODAN | 6E | 0 | HEL | .24 | 4 | |
| 24B | MEADOWS GRAVELLY LOAM, 2 TO 7 PERCENT SLOPES | 1 | MEADOWS | 3E | 0 | PHEL | .20 | 2 | |
| 24C | MEADOWS GRAVELLY LOAM, 7 TO 15 PERCENT SLOPES | 1 | MEADOWS | 4E | 0 | HEL | .20 | 2 | |
| 25B | ORANGE LOAM, 0 TO 4 PERCENT SLOPES | 1 | ORANGE | 3E | 0 | PHEL | .28 | 3 | |
| 26B | PACOLET FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES | 1 | PACOLET | 2E | 1 | PHEL | .20 | 3 | |
| 26D | PACOLET FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES | 1 | PACOLET | 6E | 0 | HEL | .20 | 3 | |
| 26E | PACOLET FINE SANDY LOAM, 25 TO 45 PERCENT SLOPES | 1 | PACOLET | 7E | 0 | HEL | .20 | 3 | |
| 27C3 | PACOLET SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED | 1 | PACOLET | 4E | 0 | PHEL | .24 | 2 | |
| 28C | PINKSTON COBBLY SANDY LOAM, 7 TO 15 PERCENT SLOPES | 1 | PINKSTON | 6E | 0 | HEL | .17 | 2 | |
| 28D | PINKSTON COBBLY SANDY LOAM, 15 TO 35 PERCENT SLOPES | 1 | PINKSTON | 7E | 0 | HEL | .17 | 2 | |
| 29C | PINKSTON-MAYODAN COMPLEX, 7 TO 15 PERCENT SLOPES, VERY STONY | 1 | PINKSTON | 6S | 0 | PHEL | .15 | 2 | |
| 29C | PINKSTON-MAYODAN COMPLEX, 7 TO 15 PERCENT SLOPES, VERY STONY | 2 | MAYODAN | 4S | 0 | PHEL | .17 | 4 | |
| 29D | PINKSTON-MAYODAN COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY | 1 | PINKSTON | 7S | 0 | HEL | .15 | 2 | |
| 29D | PINKSTON-MAYODAN COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY | 2 | MAYODAN | 7S | 0 | HEL | .17 | 4 | |
| 29E | PINKSTON-MAYODAN COMPLEX, 35 TO 50 PERCENT SLOPES, VERY STONY | 1 | PINKSTON | 7S | 0 | HEL | .15 | 2 | |
| 29E | PINKSTON-MAYODAN COMPLEX, 35 TO 50 PERCENT SLOPES, VERY STONY | 2 | MAYODAN | 7S | 0 | HEL | .17 | 4 | |
| 31C | POINDEXTER FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES | 1 | POINDEXTER | 3E | 0 | HEL | .28 | 3 | |
| 31D | POINDEXTER FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES | 1 | POINDEXTER | 4E | 0 | HEL | .28 | 3 | |
| 32C | RION FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES | 1 | RION | 4E | 0 | HEL | .24 | 3 | |
| 33A | RIVERVIEW SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED | 1 | RIVERVIEW | 2W | 1 | NHEL | .32 | 5 | |
| 34B | SHEVA FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES | 1 | SHEVA | 2E | 0 | PHEL | .20 | 3 | |
| 34C | SHEVA FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES | 1 | SHEVA | 3E | 0 | HEL | .20 | 3 | |
| 35B | STATE SANDY LOAM, 0 TO 4 PERCENT SLOPES, RARELY FLOODED | 1 | STATE | 2E | 0 | PHEL | .28 | 5 | |
| 36B | STONEVILLE SILT LOAM, 2 TO 7 PERCENT SLOPES | 1 | STONEVILLE | 2E | 1 | PHEL | .32 | 3 | |
| 36C | STONEVILLE SILT LOAM, 7 TO 15 PERCENT SLOPES | 1 | STONEVILLE | 4E | 0 | PHEL | .32 | 3 | |
| 36D | STONEVILLE SILT LOAM, 15 TO 25 PERCENT SLOPES | 1 | STONEVILLE | 6E | 0 | HEL | .32 | 3 | |
| 37B | TATUM GRAVELLY LOAM, 2 TO 7 PERCENT SLOPES | 1 | TATUM | 2E | 0 | PHEL | .20 | 4 | |
| 37C | TATUM GRAVELLY LOAM, 7 TO 15 PERCENT SLOPES | 1 | TATUM | 3E | 0 | PHEL | .20 | 4 | |
| 37D | TATUM GRAVELLY LOAM, 15 TO 25 PERCENT SLOPES | 1 | TATUM | 4E | 0 | HEL | .20 | 4 | |
| 37E | TATUM GRAVELLY LOAM, 25 TO 45 PERCENT SLOPES | 1 | TATUM | 7E | 0 | HEL | .20 | 4 | |
| 38A | TOCCOA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED | 1 | TOCCOA | 2W | 1 | NHEL | .10 | 4 | |
| 41A | WEHADKEE SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED | 1 | WEHADKEE | 5W | 0 | NHEL | .32 | 5 | |
| 42B | WICKHAM SANDY LOAM, 2 TO 7 PERCENT SLOPES | 1 | WICKHAM | 2E | 0 | PHEL | .24 | 5 | |

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|------------|--|-----------|----------------|-------------|------------|----------|---------|---------|
| 43C | WILKES GRAVELLY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES | 1 | WILKES | 6S | 0 | HEL | .17 | 1 |
| 43D | WILKES GRAVELLY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES | 1 | WILKES | 7S | 0 | HEL | .17 | 1 |
| 43E | WILKES GRAVELLY FINE SANDY LOAM, 25 TO 50 PERCENT SLOPES | 1 | WILKES | 7S | 0 | HEL | .17 | 1 |

HEL Terms

- NHEL – Not Highly Erodible Land
- PHEL – Potentially Highly Erodible Land
- HEL – Highly Erodible Land

Prime Farmland Codes

- 0 - Not prime farmland.
- 1 - All areas are prime farmland.
- 2 - Prime farmland if drained.
- 3 - Prime farmland if protected from flooding or not frequently flooded during the growing season.
- 4 - Prime farmland if irrigated.
- 5 - Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season.
- 6 - Prime farmland if irrigated and drained.
- 7 - Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season.
- 8 - Prime farmland if subsoiled, completely removed the root inhibiting soil layer.