

HIGHLY ERODIBLE LAND REPORT  
JANUARY, 1990

Survey Area- GOOCHLAND COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
2B	APPLING FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	APPLING	2E	1	PHEL	.24	4
3A	BOLLING SOILS, 0 TO 2 PERCENT SLOPES	1	BOLLING	2W	1	NHEL	.28	4
3B	BOLLING SOILS, 2 TO 7 PERCENT SLOPES	1	BOLLING	2W	1	PHEL	.28	4
4B	BOURNE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	BOURNE	2E	0	PHEL	.28	3
5	BUNCOMBE LOAMY FINE SAND	1	BUNCOMBE	5W	0	NHEL	.10	5
6B2	CECIL FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	CECIL	2E	1	PHEL	.28	4
6C2	CECIL FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	CECIL	4E	0	HEL	.28	4
7B	COLFAX FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	COLFAX	3W	0	PHEL	.17	3
7C	COLFAX FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	COLFAX	3E	0	HEL	.17	3
8B	CREEDMOOR FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	CREEDMOOR	2E	0	PHEL	.28	3
8B2	CREEDMOOR FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	CREEDMOOR	2E	0	PHEL	.28	3
8C	CREEDMOOR FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	CREEDMOOR	4E	0	HEL	.28	3
8C2	CREEDMOOR FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	CREEDMOOR	4E	0	HEL	.28	3
9B	ENON FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	ENON	3E	1	PHEL	.24	3
9C2	ENON FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	ENON	4E	0	HEL	.24	3
11B2	FLUVANNA FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	FLUVANNA	2E	1	PHEL	.37	4
11C2	FLUVANNA FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	FLUVANNA	3E	0	HEL	.37	4
12	FORESTDALE FINE SANDY LOAM	1	FORESTDALE	5W	0	NHEL	.43	5
13A	FORK VARIANT SOILS, 0 TO 2 PERCENT SLOPES	1	FORK VARIANT	3W	2	NHEL	.43	2
14B2	GEORGEVILLE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	GEORGEVILLE	2E	1	PHEL	.43	4
14C2	GEORGEVILLE FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	GEORGEVILLE	4E	0	HEL	.43	4
15B2	HIWASSEE LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	HIWASSEE	2E	1	PHEL	.28	5
16B2	LOUISBURG FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	LOUISBURG	3E	0	PHEL	.24	3
16C2	LOUISBURG FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	LOUISBURG	6E	0	HEL	.24	3
16D2	LOUISBURG FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	LOUISBURG	7E	0	HEL	.24	3
16E2	LOUISBURG FINE SANDY LOAM, 25 TO 45 PERCENT SLOPES, ERODED	1	LOUISBURG	7E	0	HEL	.24	3
17B2	MADISON FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	MADISON	2E	1	PHEL	.24	4
17C2	MADISON FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	MADISON	4E	0	PHEL	.24	4
17D2	MADISON FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	MADISON	6E	0	HEL	.24	4
18B3	MADISON CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	MADISON	3E	0	PHEL	.28	3
18C3	MADISON CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	MADISON	6E	0	HEL	.28	3
18D3	MADISON CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	MADISON	7E	0	HEL	.28	3
19E3	MADISON, PACOLET AND WEDOWEE CLAY LOAMS, 25 TO 45 PERCENT SLOPES, SEVERELY ERODED	1	MADISON	7E	0	HEL	.28	3
19E3	MADISON, PACOLET AND WEDOWEE CLAY LOAMS, 25 TO 45 PERCENT SLOPES, SEVERELY ERODED	2	PACOLET	7E	0	HEL	.24	2
19E3	MADISON, PACOLET AND WEDOWEE CLAY LOAMS, 25 TO 45 PERCENT SLOPES, SEVERELY ERODED	3	WEDOWEE	7E	0	HEL	.28	2
21B	MASADA FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	MASADA	2E	1	PHEL	.32	4
21C	MASADA FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	MASADA	3E	0	HEL	.32	4
22B	MAYODAN FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	MAYODAN	2E	1	PHEL	.24	4

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22C2	MAYODAN FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	MAYODAN	4E	0	PHEL	.24	4
23	MONACAN SILT LOAM	1	MONACAN	3W	0	NHEL	.43	5
24	MONACAN COMPLEX	1	MONACAN	3W	0	NHEL	.43	5
25B2	NASON LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	NASON	2E	1	PHEL	.43	4
25C2	NASON LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	NASON	3E	0	HEL	.43	4
25D2	NASON LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	NASON	4E	0	HEL	.43	4
26B	ORANGE LOAM, 2 TO 7 PERCENT SLOPES	1	ORANGE	3E	0	PHEL	.28	3
26C	ORANGE LOAM, 7 TO 15 PERCENT SLOPES	1	ORANGE	4E	0	HEL	.28	3
27B2	PACOLET FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	PACOLET	2E	1	PHEL	.20	3
27C2	PACOLET FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	PACOLET	4E	0	HEL	.20	3
27D2	PACOLET FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	PACOLET	6E	0	HEL	.20	3
28B3	PACOLET CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	PACOLET	3E	0	PHEL	.24	2
28C3	PACOLET CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	PACOLET	6E	0	HEL	.24	2
28D3	PACOLET CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	PACOLET	7E	0	HEL	.24	2
29A	PAMUNKEY LOAM, 0 TO 4 PERCENT SLOPES	1	PAMUNKEY	2W	1	PHEL	.28	4
31C2	PINKSTON FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	PINKSTON	4E	0	HEL	.20	2
31E2	PINKSTON FINE SANDY LOAM, 25 TO 45 PERCENT SLOPES, ERODED	1	PINKSTON	7E	0	HEL	.20	2
32D2	PINKSTON-MAYODAN FINE SANDY LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	1	PINKSTON	6E	0	HEL	.20	2
32D2	PINKSTON-MAYODAN FINE SANDY LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	2	MAYODAN	6E	0	HEL	.24	4
33	ROANOKE SILT LOAM	1	ROANOKE	5W	0	NHEL	.37	4
34B	SEDFIELD FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	SEDFIELD	2E	1	PHEL	.28	3
34C	SEDFIELD FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	SEDFIELD	3E	0	HEL	.28	3
35C2	TALLAPOOSA VARIANT FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	TALLAPOOSA VARIANT	4E	0	HEL	.28	1
35D2	TALLAPOOSA VARIANT FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	TALLAPOOSA VARIANT	6E	0	HEL	.28	1
35E2	TALLAPOOSA VARIANT FINE SANDY LOAM, 25 TO 50 PERCENT SLOPES, ERODED	1	TALLAPOOSA VARIANT	7E	0	HEL	.28	1
36B2	TATUM LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	TATUM	2E	1	PHEL	.37	4
36C2	TATUM LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	TATUM	3E	0	HEL	.37	4
36D2	TATUM LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	TATUM	4E	0	HEL	.37	4
37	TUCKAHOE SOILS	1	TUCKAHOE	5W	0	NHEL	.37	5
38B2	TURBEVILLE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	TURBEVILLE	2E	1	PHEL	.32	5
38C2	TURBEVILLE FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	TURBEVILLE	3E	0	PHEL	.32	5
39B3	TURBEVILLE SANDY CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	TURBEVILLE	3E	0	PHEL	.28	4
39C3	TURBEVILLE SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	TURBEVILLE	4E	0	PHEL	.28	4
41	UDORTHERNTS, MINE SPOIL	1	UDORTHERNTS		0	PHEL		
43B	VANCE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	VANCE	3E	0	PHEL	.24	3
43C2	VANCE FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	VANCE	4E	0	PHEL	.24	3
44B2	WEDOWEE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	WEDOWEE	2E	0	PHEL	.24	3
44C2	WEDOWEE FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	WEDOWEE	4E	0	HEL	.24	3
44D2	WEDOWEE FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	WEDOWEE	6E	0	HEL	.24	3
45B3	WEDOWEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	WEDOWEE	3E	0	PHEL	.28	2
45C3	WEDOWEE CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	WEDOWEE	6E	0	HEL	.28	2

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45D3	WEDOWEE CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	WEDOWEE	7E	0	HEL	.28	2	3-
46	WEHADKEE SILT LOAM	1	WEHADKEE	6W	0	NHEL	.32	5	
47B2	WILKES FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	WILKES	4E	0	PHEL	.24	1	
47C2	WILKES FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	WILKES	6E	0	HEL	.24	1	
47D2	WILKES FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	WILKES	7E	0	HEL	.24	1	
47E2	WILKES FINE SANDY LOAM, 25 TO 45 PERCENT SLOPES, ERODED	1	WILKES	7E	0	HEL	.24	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.