

HIGHLY ERODIBLE LAND REPORT
 JANUARY, 1990

Survey Area- JAMES CITY AND YORK COUNTIES AND THE CITY OF WILLIAMSBURG, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
1	ALTAVISTA FINE SANDY LOAM	1	ALTAVISTA	2W	1	NHEL	.24	5
2	AUGUSTA FINE SANDY LOAM	1	AUGUSTA	3W	2	NHEL	.20	4
3	AXIS VERY FINE SANDY LOAM	1	AXIS	7W	0	NHEL	.24	5
5	BETHERA SILT LOAM	1	BETHERA	6W	0	NHEL	.28	5
6	BOHICKET MUCK	1	BOHICKET	8W	0	NHEL	.28	5
7	BOJAC SANDY LOAM	1	BOJAC	1	1	PHEL	.24	3
8B	CAROLINE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	CAROLINE	2E	1	PHEL	.43	5
9	CHICKAHOMINY SILT LOAM	1	CHICKAHOMINY	4W	0	NHEL	.37	4
10B	CRAVEN FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	CRAVEN	3E	1	PHEL	.32	5
10C	CRAVEN FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	CRAVEN	4E	0	HEL	.32	5
11B	CRAVEN-UCHEE COMPLEX, 2 TO 6 PERCENT SLOPES	1	CRAVEN	3E	0	PHEL	.32	5
11B	CRAVEN-UCHEE COMPLEX, 2 TO 6 PERCENT SLOPES	2	UCHEE	2S	0	PHEL	.10	5
11C	CRAVEN-UCHEE COMPLEX, 6 TO 10 PERCENT SLOPES	1	CRAVEN	4E	0	HEL	.32	5
11C	CRAVEN-UCHEE COMPLEX, 6 TO 10 PERCENT SLOPES	2	UCHEE	3S	0	HEL	.10	5
12	DOGUE LOAM	1	DOGUE	2W	1	PHEL	.37	5
13	DRAGSTON FINE SANDY LOAM	1	DRAGSTON	3W	2	NHEL	.20	4
14B	EMPORIA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	EMPORIA	2E	1	PHEL	.28	4
14C	EMPORIA FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	EMPORIA	3E	0	HEL	.28	4
15D	EMPORIA COMPLEX, 10 TO 15 PERCENT SLOPES	1	EMPORIA	4E	0	HEL	.28	4
15E	EMPORIA COMPLEX, 15 TO 25 PERCENT SLOPES	1	EMPORIA	6E	0	HEL	.28	4
15F	EMPORIA COMPLEX, 25 TO 50 PERCENT SLOPES	1	EMPORIA	7E	0	HEL	.28	4
16	IZAGORA LOAM	1	IZAGORA	2W	1	PHEL	.37	5
17	JOHNSTON COMPLEX	1	JOHNSTON	7W	0	NHEL	.20	5
18B	KEMPSVILLE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	KEMPSVILLE	2E	1	PHEL	.28	4
19B	KEMPSVILLE-EMPORIA FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	1	KEMPSVILLE	2E	1	PHEL	.28	4
19B	KEMPSVILLE-EMPORIA FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	2	EMPORIA	2E	1	PHEL	.28	4
20B	KENANSVILLE LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	1	KENANSVILLE	2S	0	PHEL	.15	5
21	LEVY SILTY CLAY	1	LEVY	7W	0	NHEL	.32	5
22	MUNDEN LOAMY FINE SAND	1	MUNDEN	2W	1	NHEL	.17	4
23	NEWFLAT SILT LOAM	1	NEWFLAT	3W	0	NHEL	.37	4
24	NIMMO FINE SANDY LOAM	1	NIMMO	4W	2	NHEL	.20	4
25B	NORFOLK FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	NORFOLK	2E	1	PHEL	.20	5
26B	PAMUNKEY SOILS, 2 TO 6 PERCENT SLOPES	1	PAMUNKEY	2E	1	PHEL	.28	4
27	PEAWICK SILT LOAM	1	PEAWICK	2W	0	PHEL	.37	4
28	SEABROOK LOAMY FINE SAND	1	SEABROOK	3S	0	NHEL	.10	5
29A	SLAGLE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	SLAGLE	2W	1	NHEL	.28	5
29B	SLAGLE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	SLAGLE	2E	1	PHEL	.28	5
30	STATE FINE SANDY LOAM	1	STATE	1	1	NHEL	.28	5
31B	SUFFOLK FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	SUFFOLK	2E	1	PHEL	.20	5
32	TETOTUM SILT LOAM	1	TETOTUM	2W	1	NHEL	.37	4
33	TOMOTLEY FINE SANDY LOAM	1	TOMOTLEY	4W	2	NHEL	.20	5
34B	UCHEE LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	1	UCHEE	2S	0	PHEL	.10	5
34C	UCHEE LOAMY FINE SAND, 6 TO 10 PERCENT SLOPES	1	UCHEE	3S	0	PHEL	.10	5
36	UDORTHENTS-DUMPS COMPLEX	2	DUMPS	8S	0	NHEL		
38	YEMASSEE FINE SANDY LOAM	1	YEMASSEE	2W	2	NHEL	.20	5

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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.