

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- CHARLES CITY COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
103A1	ALTAVISTA FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	1	ALTAVISTA	-	-	NHEL	.24	5
103B1	ALTAVISTA FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	1	ALTAVISTA	-	-	NHEL	.24	5
10B1	ALTAVISTA-DOGUE COMPLEX, 0 TO 3 PERCENT SLOPES	1	ALTAVISTA	-	-	NHEL	.24	5
10B1	ALTAVISTA-DOGUE COMPLEX, 0 TO 3 PERCENT SLOPES	2	DOGUE	-	-	NHEL	.24	5
108B1	AUGUSTA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	AUGUSTA	-	-	NHEL	.20	4
5A1	BETHERA LOAM, 0 TO 2 PERCENT SLOPES	1	BETHERA	-	-	NHEL	.28	5
42	BOHICKET MUCKY SILTY CLAY, FREQUENTLY FLOODED	1	BOHICKET	-	-	NHEL	.28	5
74B1	BOJAC LOAMY SAND, 0 TO 4 PERCENT SLOPES	1	BOJAC	-	-	PHEL	.17	3
14B1	BOURNE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	BOURNE	-	-	PHEL	.28	3
16B1	CAROLINE LOAM, 2 TO 6 PERCENT SLOPES	1	CAROLINE	-	-	PHEL	.43	5
29B1	CAROLINE-EMPORIA COMPLEX, 2 TO 6 PERCENT SLOPES	1	CAROLINE	-	-	PHEL	.43	5
29B1	CAROLINE-EMPORIA COMPLEX, 2 TO 6 PERCENT SLOPES	2	EMPORIA	-	-	PHEL	.43	5
29C1	CAROLINE-EMPORIA COMPLEX, 6 TO 10 PERCENT SLOPES	1	CAROLINE	-	-	HEL	.43	5
29C1	CAROLINE-EMPORIA COMPLEX, 6 TO 10 PERCENT SLOPES	2	EMPORIA	-	-	HEL	.43	5
57B1	CATPOINT FINE SAND, 0 TO 4 PERCENT SLOPES	1	CATPOINT	-	-	NHEL	.10	5
81A1	CHICKAHOMINY SILT LOAM, 0 TO 2 PERCENT SLOPES	1	CHICKAHOMINY	-	-	NHEL	.37	4
151B1	CONETOE LOAMY SAND, 0 TO 4 PERCENT SLOPES	1	CONETOE	-	-	NHEL	.15	5
22B1	CRAVEN LOAM, 2 TO 6 PERCENT SLOPES	1	CRAVEN	-	-	PHEL	.37	5
15B1	CRAVEN-CAROLINE COMPLEX, 2 TO 6 PERCENT SLOPES	1	CRAVEN	-	-	PHEL	.37	5
15B1	CRAVEN-CAROLINE COMPLEX, 2 TO 6 PERCENT SLOPES	2	CAROLINE	-	-	PHEL	.37	5
53B1	CRAVEN-UCHEE COMPLEX, 2 TO 6 PERCENT SLOPES	1	CRAVEN	-	-	PHEL	.37	5
53B1	CRAVEN-UCHEE COMPLEX, 2 TO 6 PERCENT SLOPES	2	UCHEE	-	-	PHEL	.37	5
9B1	DOGUE SILT LOAM, 0 TO 3 PERCENT SLOPES	1	DOGUE	-	-	PHEL	.37	4
109B1	DRAGSTON FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	1	DRAGSTON	-	-	NHEL	.20	4
30B1	EMPORIA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	EMPORIA	-	-	PHEL	.28	4
64B1	EMPORIA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	EMPORIA	-	-	PHEL	.28	4
289B1	FACEVILLE FINE SANDY LOAM, 2 TO 6 PERCENT	1	FACEVILLE	-	-	PHEL	.28	5
37	JOHNSTON MUCKY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	JOHNSTON	-	-	NHEL	.17	5
48B1	KEMPSVILLE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	KEMPSVILLE	-	-	PHEL	.28	4
148B1	KEMPSVILLE-EMPORIA COMPLEX, GRAVELLY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	KEMPSVILLE	-	-	PHEL	.24	4
148B1	KEMPSVILLE-EMPORIA COMPLEX, GRAVELLY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	EMPORIA	-	-	PHEL	.24	4
28B1	KEMPSVILLE-EMPORIA COMPLEX, 2 TO 6 PERCENT SLOPES	1	KEMPSVILLE	-	-	PHEL	.28	4
28B1	KEMPSVILLE-EMPORIA COMPLEX, 2 TO 6 PERCENT SLOPES	2	EMPORIA	-	-	PHEL	.28	4
28C1	KEMPSVILLE-EMPORIA COMPLEX, 6 TO 10 PERCENT SLOPES	1	KEMPSVILLE	-	-	HEL	.28	4
28C1	KEMPSVILLE-EMPORIA COMPLEX, 6 TO 10 PERCENT SLOPES	2	EMPORIA	-	-	HEL	.28	4
92B1	KEMPSVILLE-SUFFOLK COMPLEX, 2 TO 6 PERCENT SLOPES	1	KEMPSVILLE	-	-	PHEL	.28	4
92B1	KEMPSVILLE-SUFFOLK COMPLEX, 2 TO 6 PERCENT SLOPES	2	EMPORIA	-	-	PHEL	.28	4
43	LANEXA MUCKY SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED	1	LANEXA	-	-	NHEL	.32	5
191B1(T)	MASADA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	MASADA	-	-	PHEL	.32	4
143	MATTAN MUCK, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED,	1	MATTAN	-	-	-	-	-
149A	MUNDEN SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	MUNDEN	-	-	NHEL	.20	4
145A	NAWNEY SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	NAWNEY	-	-	NHEL	.32	5
36A	NAWNEY SILT LOAM, 0 TO 2 PERCENT SLOPES	1	NAWNEY	-	-	NHEL	.32	5

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Survey Area- CHARLES CITY COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
PONDED								
93D1	NEVARC-REMLIK COMPLEX, 10 TO 15 PERCENT SLOPES	1	NEVARC	-	-	HEL	.37	3
93D1	NEVARC-REMLIK COMPLEX, 10 TO 15 PERCENT SLOPES	2	REMLIK	-	-	HEL	.37	3
93E1	NEVARC-REMLIK COMPLEX, 15 TO 25 PERCENT SLOPES	1	NEVARC	-	-	HEL	.37	3
93E1	NEVARC-REMLIK COMPLEX, 15 TO 25 PERCENT SLOPES	2	REMLIK	-	-	HEL	.37	3
93F1	NEVARC-REMLIK COMPLEX, 25 TO 60 PERCENT SLOPES	1	NEVARC	-	-	HEL	.37	3
93F1	NEVARC-REMLIK COMPLEX, 25 TO 60 PERCENT SLOPES	2	REMLIK	-	-	HEL	.37	3
7A1	NEWFLAT SILT LOAM, 0 TO 2 PERCENT SLOPES	1	NEWFLAT	-	-	NHEL	.37	4
44A1	NIMMO FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	NIMMO	-	-	NHEL	.20	4
63B1	NORFOLK FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	NORFOLK	-	-	PHEL	.17	5
189B1	ORANGEBURG FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	ORANGEBURG	-	-	PHEL	.20	5
72A1	PAMUNKEY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	PAMUNKEY	-	-	NHEL	.28	4
72B1	PAMUNKEY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	PAMUNKEY	-	-	PHEL	.28	4
4A1	PEAWICK SILT LOAM, 0 TO 2 PERCENT SLOPES	1	PEAWICK	-	-	NHEL	.37	4
4B1	PEAWICK SILT LOAM, 2 TO 6 PERCENT SLOPES	1	PEAWICK	-	-	PHEL	.37	4
46A1	ROANOKE SILT LOAM, 0 TO 2 PERCENT SLOPES	1	ROANOKE	-	-	NHEL	.37	4
47A1	SEABROOK LOAMY SAND, 0 TO 2 PERCENT SLOPES	1	SEABROOK	-	-	NHEL	.10	5
47B1	SEABROOK LOAMY SAND, 2 TO 6 PERCENT SLOPES	1	SEABROOK	-	-	NHEL	.10	5
110B1	SLAGLE FINE SANDY, 2 TO 6 PERCENT SLOPES	1	SLAGLE	-	-	PHEL	.24	3
27B1	SLAGLE-EMPORIA COMPLEX, 2 TO 6 PERCENT SLOPES	1	SLAGLE	-	-	PHEL	.24	3
27B1	SLAGLE-EMPORIA COMPLEX, 2 TO 6 PERCENT SLOPES	2	EMPORIA	-	-	PHEL	.24	3
71A1	STATE SOILS	1	STATE	-	-	NHEL	.28	5
71B1	STATE SOILS	1	STATE	-	-	PHEL	.28	5
89B1	SUFFOLK FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	SUFFOLK	-	-	PHEL	.28	4
76B1	TARBORO LOAMY SAND, 0 TO 4 PERCENT SLOPES	1	TARBORO	-	-	NHEL	.37	4
3A1	TETOTUM LOAM, 0 TO 2 PERCENT SLOPES	1	TETOTUM	-	-	NHEL	.37	4
3B1	TETOTUM LOAM, 2 TO 6 PERCENT SLOPES	1	TETOTUM	-	-	PHEL	.37	4
45A	TOMOTLEY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	TOMOTLEY	-	-	NHEL	.24	5
190B1	TURBEVILLE LOAM, 2 TO 6 PERCENT SLOPES	1	TURBEVILLE	-	-	PHEL	.37	5
50B1	UCHEE LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	1	UCHEE	-	-	PHEL	.20	5
70B1	UDORTHERENTS, LOAMY	1	UDORTHERENTS	-	-	-	-	-
172B1	WICKHAM FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	WICKHAM	-	-	PHEL	.24	5
12A1	YEMASSEE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	YEMASSEE	-	-	NHEL	.20	5

This information is from HEL worksheet for Charles City County, 1985

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.

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Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
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.								