Virginia Department of Transportation
Fredericksburg District, Materials Section

Soil Survey Record

This subsurface information shown in the Soil Survey Record was obtained with reasonable care and recorded in good faith solely for use by the Department in establishing controls for the project. The Department has no reason to suspect that the information is not reasonably accurate as an approximate indication of the subsurface conditions at the sites where the borings were taken. The Department does not in any way warrant or guarantee that such data can be projected as indicative of conditions beyond the limits of the borings shown; and any such projections are purely interpretive and all together speculative.

Project : 0208-088-V14,C501 **Route :** 208 **County :** Spotsylvania

Logger : Clyde Payne **From:** 0.90km East of Rte.691

Date : 11/29/99 to 5/3/00 **To:** 1.6km West of the Ni River

Note: Topsoil, Pavement and Subbase Aggregate are measured in millimeters

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	AASHTO	
	Project Begins @ Station 380+00															**Project Begins @ Station 380+00**
1																
381+00	ASPHALT CONCRETE	0.0--150														
WB CL	F/M CRUSHED STONE	150--280														
	Brown & gray sandy micaceous SILT, trace gravel	.28--1.50		0.30	1.50	0.90		60A	15.1							
2																
382+00	ASPHALT CONCRETE	0.0--150														
WB CL	F/M CRUSHED STONE	150--290														
	Reddish brown sandy micaceous SILT, trace gravel	.29--1.50		0.30	1.50	0.90		61A	7.4							
3																
383+00	TOPSOIL	0.0--300														
WB CL	Brown & gray micaceous SILT, trace gravel	.30--1.50														
4																
384+00	TOPSOIL	0.0--250														
WB CL	Brown & gray micaceous SILT, trace gravel	.25--1.50	66-217-99	1.05	1.50	1.28		67	8.8	15.3	111.1	30.1	8.1	43.4	A-4(0)	
5																
385+00	ROOT MAT	0.0--440														
WB CL	Brown & gray micaceous CLAY	.44--1.50		1.05	1.50	1.28	2/3/4	68	19.4							
6																
386+00	ROOTMAT	0.0--400														
WB CL	Brown & gray micaceous CLAY	.4--1.50		1.05	1.50	1.28	2/3/6	69	28.7							
7																
387+00	ROOTMAT	0.0--500														Water in B/H @ .20m
WB CL	Dark gray micaceous CLAY	.50--2.10		1.05	1.50	1.28	P/P/P	70	25.1							
	Brown & gray micaceous SILT (weathered rock)	2.10--2.95		2.50	2.95	2.73	18/30/44	71	15.9							
8																
388+00	ASPHALT CONCRETE	0.0--200														
WB CL	F/M AGGREGATE	200--440														
	Reddish brown micaceous SILT	.44--1.50		0.50	1.50	1.00		63A	15.5							
9																
388+40	TOPSOIL	0.0--400														
EB CL	Brown & gray sandy micaceous SILT	.40--1.50		1.05	1.50	1.28	3/8/6	66	16.4							
10																
10+80	TOPSOIL	0.0--1.50		0.60	1.05	0.83	10/10/20	64	13.1							
208	Brown & gray sandy micaceous SILT	1.50--2.00		1.55	2.00	1.78	10/18/10	65	8.5							Conn. Rte. 208

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
11																
11+40	ASPHALT CONCRETE	0.0--330														
208																
	Reddish brown sandy micaceous SILT	.33--1.50		0.33	1.50	0.92		64A	10.4							
12																
389+40	ROOTMAT	0.0--400														
EB CL																
	Grayish brown SILT, some gravel	.40--1.50		1.05	1.50	1.28	5/5/12	58	12.0							
	Reddish gray sandy SILT(weathered rock)	1.50--3.35		2.90	3.35	3.13	12/17/19	59	10.9							
13																
389+80	ROOTMAT	0.0--370														
WB CL																
	Grayish brown SILT	0.37--2.50		0.37	1.50	0.94	36/50	55	3.8							
	Reddish gray sandy SILT (weathered rock)	2.50--3.35		1.50	3.35	2.43	50	57	6.8							
14																
390+00	TOPSOIL	0.0--350														
EB CL																
	Reddish brown sandy micaceous SILT	0.35--2.44		1.37	1.46	1.42	50	60	4.9							50 Hammer blow = 75mm
	Reddish gray sandy micaceous SILT	2.44--4.00		2.90	3.05	2.98	50	61	5.5							50 Hammer blow = 150mm
	Brown & gray sandy micaceous SILT	4.00--5.33		4.00	4.40	4.20	23/45/50	62	5.6							50 Hammer blow = 150mm
	(weathered rock)			5.18	5.33	5.26	50	63	6.1							50 Hammer blow = 150mm
15																
390+60	TOPSOIL	0.0--350		1.37	1.83	1.60	10/14/17	1	9.9							
WB CL																
	Reddish brown sandy micaceous SILT	.35--2.50		2.90	3.35	3.13	8/13/16	2	11.7							
	Reddish gray sandy SILT (weathered rock)	2.50--6.75		5.30	5.75	5.53	14/21/27	3	11.4							
				6.30	6.75	6.53	19/23/24	4	11.6							
16																
391+00	TOPSOIL	0.0--330														
EB CL																
	Grayish brown & red micaceous SILT	.33--5.50	66-201-99	2.50	2.95	2.73	3/8/11	22	18.2	13.7	114.3	33.0	10.3	42.4	A-4(1)	
				4.30	4.75	4.53	7/10/11	23	12.2							
	Grayish brown & red sandy micaceous SILT	5.50--8.95	66-202-99	5.80	6.25	6.03	14/20/25	25	12.5	13.4	115.3	30.5	10	43.3	A-4(2)	
	(weathered rock)			7.30	7.75	7.53	12/29/37	26	10.8							
				8.50	8.95	8.73	10/16/19	28	22.5							
17																
391+40	TOPSOIL	0.0--380														
WB CL																
	Red micaceous CLAY	.38--2.00	66-203-99	1.37	1.83	1.60	2/2/4	5	28.5			64.0	26	71.9	A-7-5(20)	
	Grayish brown micaceous SILT	2.00--5.50	66-204-99	2.90	3.35	3.13	2/3/4	6	19.1							
				4.40	4.85	4.63	3/4/5	8	16.8	13.9	111.4	34.7	8.1	44.9	A-4(1)	
	Grayish brown sandy micaceous SILT (weathered rock)	5.50--9.50	66-205-99	6.00	6.45	6.23	2/4/6	9	21.6							
				7.60	8.05	7.83	3/4/6	10	24.9							
				9.00	9.45	9.23	4/5/8	11	26.9	19.5	101.3	54.6	8.8	47.3	A-4(2)	
18																
391+80	TOPSOIL	0.0--350														
EB CL																
	Red micaceous CLAY	.35--1.50		1.00	1.50	1.25		17	36.1							
	Grayish brown micaceous SILT	1.50--7.25		2.40	2.85	2.63	2/3/5	18	29.3							
				4.00	4.45	4.23	3/5/6	19	38.1							
				5.70	6.15	5.93	2/2/3	20	40.9							
				6.80	7.25	7.03	2/3/2	21	52.1							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
19																
392+20	TOPSOIL	0.0--380														
WB CL																
	Grayish brown micaceous SILT	.38--1.00														
	Red micaceous CLAY	1.00--2.50		1.37	1.83	1.60	4/6/8	12	25.8							
	Grayish brown & red gravelly micaceous SILT	2.50--5.00		2.90	3.35	3.13	5/7/18	13	22.6							
				4.40	4.85	4.63	2/3/4	14	28.4							
	Grayish brown & red sandy micaceous SILT	5.00--7.95		6.00	6.45	6.23	2/3/4	15	30.1							
				7.50	7.95	7.73	2/3/4	16	36.6							
20																
392+60	TOPSOIL	0.0--300														
WB CL																
	Grayish brown micaceous SILT	.30--1.50		1.20	1.65	1.43	2/5/7	29	25.4							
	Wet, Grayish brown sandy micaceous SILT,	1.50--5.65		2.75	3.20	2.98	1/1/2	30	32.0							
	(weathered rock)			4.25	4.70	4.48	1/2/3	31	35.1							
				5.20	5.65	5.43	1/1/1	32	40.9							
21																
393+00	TOPSOIL	0.0--370														
WB CL																
	Wet, Red micaceous CLAY	.37--2.45		1.35	1.80	1.58	2/4/7	33	48.1							
	Wet, Reddish brown micaceous SILT	2.45--3.65		2.90	3.35	3.13	2/2/4	34	39.5							
	Wet, Reddish brown sandy micaceous SILT	3.65--6.10		4.40	4.85	4.63	3/4/5	35	58.8							
				5.65	6.10	5.88	2/3/4	36	51.1							
22																
393+40	TOPSOIL	0.0--400														
EB CL																
	Red micaceous CLAY	.40--1.20	66-206-99							21.5	99.2	54.2	24.4	73.0	A-7-6(19)	
	Wet, Reddish gray micaceous SILT	1.20--7.45	66-207-99	1.35	1.80	1.58	3/4/8	37	38.3	19.5	101.3	54.6	19.2	55.0	A-7-5(6)	
				2.90	3.35	3.13	2/4/6	38	41.6							
				4.40	4.85	4.63	2/3/4	39	49.1							
				6.10	6.55	6.33	2/2/5	40	32.8							
				7.00	7.45	7.23	2/3/4	41	29.5							
23																
393+80	TOPSOIL	0.0--370														
WB CL																
	Wet, Reddish brown micaceous SILT	.37--3.50		2.90	3.35	3.13	1/2/2	43	29.3							
	Wet, Grayish brown micaceous SILT, little sand	3.50--5.80		4.10	4.55	4.33	1/2/1	45	45.6							
				5.35	5.80	5.58	2/3/4	47	45.8							
24																
394+20	TOPSOIL	0.0--400														
EB CL																
	Wet, Reddish brown micaceous SILT	.40--3.20		2.45	2.90	2.68	2/4/4	49	36.4							
	Wet, Grayish brown micaceous SILT	3.20--4.40		3.95	4.40	4.18	2/3/5	51	43.4							
25																
394+60	TOPSOIL	0.0--400														
WB CL																
	Reddish brown micaceous SILT	.40--1.80		1.35	1.80	1.58	1/2/3	53	25.8							
26																
396+00	TOPSOIL	0.0--370														
WB CL																
	Greenish gray micaceous SILT	.37--1.50		1.05	1.50	1.28	1/9/8	44A	15.8							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
27																
396+60	TOPSOIL	0.0--400														
EB CL																
	Tannish gray CLAY	.40--1.00														
	Tannish brown gravelly sandy SILT	1.00--1.50		1.05	1.50	1.28	1/9/6	43A	14.4							
28																
398+60	ROOT MAT	0.0--300														
WB CL																
	Tannish gray micaceous CLAY	.30--1.00														
	Tannish gray micaceous SILT	1.00--3.65		1.65	2.10	1.88	3/3/4	41A	21.4							
				3.20	3.65	3.43	2/2/3	42A	22.0							
29																
399+00	ROOT MAT	0.0--340														
EB CL																
	Wet, Reddish gray micaceous CLAY	.34--2.00		1.65	2.10	1.88	2/4/6	39A	48.8							
	Tannish red micaceous SILT	2.00--3.65		3.20	3.65	3.43	2/4/5	40A	25.3							
30																
400+20	ROOT MAT	0.0--440														
WB CL																
	Wet, Reddish gray micaceous CLAY	.44--3.00		1.35	1.80	1.58	2/4/7	36A	52.6							
	Wet, Tannish red micaceous SILT	3.00--4.85		2.90	3.35	3.13	3/6/7	37A	46.5							
				4.40	4.85	4.63	5/8/10	38A	44.0							
31																
400+60	ROOT MAT	0.0--320														
EB CL																
	Brownish gray micaceous CLAY	.32--1.50														
				1.65	2.10	1.88	2/5/6	34A	25.1							
	Brownish gray sandy micaceous SILT	1.50--3.35		2.90	3.35	3.13	12/21/22	35A	10.5							
32																
401+00	ROOT MAT	0.0--300														
WB CL																
	Wet, Reddish brown micaceous CLAY	.30--2.80	66-210-99	1.35	1.80	1.58	2/4/6	30A	36.1	24.0	97.1	55.9	20.9	68.4	A-7-5(12)	
	Wet, Brown, gray, & red micaceous SILT	2.80--5.65	66-211-99	2.75	3.20	2.98	3/5/8	31A	36.4	24.5	92.1	60.1	27.7	73.1	A-7-5(15)	
				3.95	4.40	4.18	4/7/11	32A	29.8							
				5.20	5.65	5.43	7/8/9	33A	32.3							
33																
401+40	ROOT MAT	0.0--300														
EB CL																
	Red micaceous CLAY	.30--1.20														
				1.20	1.65	1.43	4/5/7	27A	20.1							
	Brown & gray sandy micaceous SILT	1.20--3.95		2.45	2.90	2.68	3/4/4	28A	23.6							
				3.50	3.95	3.73	2/3/4	29A	18.0							
34																
401+60	ROOT MAT	0.0--300														
WB CL																
	Red micaceous CLAY	.30--2.00		1.20	1.65	1.43	3/4/4	25A	42.0							
	Brown & gray sandy micaceous SILT	2.00--2.90		2.45	2.90	2.68	4/7/7	26A	23.2							
35																
402+00	TOPSOIL	0.0--300														
EB CL																
	Wet, Brown to dark gray CLAY, trace organic	.30--3.65	66-208-99	1.35	1.80	1.58	1/3/5	22A	18.7	11.5	117.8	26.5	12.5	44.2	A-6(2)	
	(Possible Fill Material w/organic smell)			2.10	2.55	2.33	2/3/5	23A	15.5							
				3.20	3.65	3.43	2/4/5	24A	13.5							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
36 10+40 CL	TOPSOIL	0.0--300														Conn. w/ Rt. 606 at Spotsyvania HS (North)
	Brown to gray micaceous gravelly SILT, trace organic	.30--1.00		0.30	1.00	0.65		65A	14.0							
	Red CLAY	1.00--1.50		1.00	1.50	1.25		66A	12.2							
37 11+20 CL	ASPHALT CONCRETE	0.0--280														Conn. w/ Rt. 606 at Spotsyvania HS (North)
	Brown & gray F SAND	280--480														
	Brownish red CLAY	.48--1.50		0.48	1.50	0.99		67A	27.4							
38 10+40 CL	TOPSOIL	0.0--350														Conn. w/ Spotsylvania HS at Rt. 208 (South)
	Wet, Brown to dark gray sandy CLAY, trace organic	.35--1.50		0.60	1.05	0.83	2/3/5									
				1.55	2.00	1.78	3/3/4									
39 10+80 CL	TOPSOIL	0.0--350														Conn. w/ Spotsylvania HS at Rt. 208 (South)
	Wet, Brown to dark gray sandy CLAY, trace organic	.35--1.50		1.05	1.50	1.28	P/P/1									Water @ 1.00m
	Soft, Gray sandy micaceous SILT	1.50--2.95		2.50	2.95	2.73	1/1/1									
40 11+10 CL	ASPHALT CONCRETE	0.0--240														Conn. w/ Spotsylvania HS at Rt. 208 (South)
	F/M CRUSHED STONE	240--370														
41 402+20 WB CL	TOPSOIL	0.0--300														
	Brown to dark gray sandy CLAY, trace organic	.30--3.80		0.90	1.35	1.13		7B	14.4							
	(Fill Material)			1.80	2.25	2.03	2/2/4	8B	14.8							
				2.90	3.35	3.13	2/5/6	9B	15.3							
	Red micaceous CLAY	3.80--4.25		3.80	4.25	4.03	3/4/8	10B	24.3							
42 402+60 EB CL	TOPSOIL	0.0--300														
	Brown to dark gray sandy CLAY, trace organic	.30--2.50	66-214-99	1.00	1.45	1.23	3/4/7	45A	12.7	10.7	121.7	20.2	5.4	35.1	A-2-4(0)	
	(Fill Material)			2.05	2.50	2.28	4/4/6	46A	10.8							
43 403+80 WB CL	TOPSOIL	0.0--320														
	Brown to gray sandy,micaceous CLAY	.32--1.50		1.05	1.50	1.28	3/3/5	72	19.7							
44 404+20 EB CL	ASPHALT CONCRETE	0.0--240														
	F/M CRUSHED STONE	240--570														
	Reddish brown micaceous CLAY	.57--1.50		0.57	1.50	1.04		68A	18.4							
45 404+95 EB CL	ASPHALT CONCRETE	0.0--140														
	F/M CRUSHED STONE	140--380														
46 405+00 WB CL	TOPSOIL	0.0--270														
	Brown & gray sandy micaceous SILT	.27--1.50		1.05	1.50	1.28	3/5/7	1A	21.5							
47 405+40 EB CL	ASPHALT CONCRETE	0.0--300														
	F/M CRUSHED STONE	300--440														
	Tannish brown silty SAND	.44--1.50		0.44	1.50	0.97		69A	5.2							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
48																
406+00	TOPSOIL	0.0--370														
WB CL																
	Brown & gray sandy SILT	.37--1.50		1.05	1.50	1.28	7/10/13	2A	17.0							
49																
406+80	F/M CRUSHED STONE	0.0--200														
EB CL																
	Wet, Red micaceous CLAY	.20--1.00		0.30	1.00	0.65		70A	31.1							
	Tannish brown micaceous SILT	1.00--1.50		1.00	1.50	1.25		71A	14.9							
50																
407+85	ASPHALT CONCRETE	0.0--80														
EB CL																
	F/M CRUSHED STONE	80--140														
	Tannish brown sandy CLAY	.14--1.50		0.20	1.50	0.85		72A	23.5							
51																
408+00	TOPSOIL	0.0--300														
WB CL																
	Wet, Reddish brown micaceous CLAY	.30--2.30	66-213-99	0.80	1.25	1.03	2/5/7	58A	38.7	29.3	90.2	69.7	35.4	82.9	A-7-5(33)	
				1.85	2.30	2.08	2/4/6	59A	40.0							
52																
408+40	ASPHALT CONCRETE	0.0--270														
EB CL																
	Tannish brown sandy CLAY	.27--1.50	66-218-99	0.30	1.50	0.90		1B	19.1	16.8	109.1	44.5	23.6	51.9	A-7-6(7)	
53																
408+80	ROOT MAT	0.0--350														
5m Lt.																
WB CL	Reddish brown sandy micaceous CLAY	.35--1.50		1.05	1.55	1.30	2/4/5	57A	26.6							
54																
409+60	ROOT MAT	0.0--400														
EB CL																
	Reddish brown sandy micaceous CLAY	.40--1.50		0.40	1.50	0.95		4B	25.9							
55																
410+00	ROOT MAT	0.0--340														
WB CL																
	Wet, Reddish brown sandy micaceous CLAY	.34--2.75		1.05	1.50	1.28	2/5/8	55A	26.7							
				2.30	2.75	2.53	2/4/6	56A	28.0							
56																
410+40	ROOT MAT	0.0--400														
EB CL																
	Reddish brown sandy gravelly micaceous CLAY	.40--2.20	66-219-99	0.40	1.00	0.70		5B	14.2	14.2	112.2	51.7	25.7	46.7	A-7-6(7)	
				1.00	2.20	1.60		6B	17.1							
57																
410+80	ROOT MAT	0.0--400														
WB CL																
	Reddish brown sandy micaceous CLAY	.40--2.30		0.80	1.25	1.03		53A	21.0							
				1.85	2.30	2.08		54A	16.8							
58																
411+00	ASPHALT CONCRETE	0.0--70														
EB CL																
	F/M CRUSHED STONE	70--190														
	Wet, Reddish tan sandy micaceous CLAY	.19--1.50		0.20	1.50	0.85		3A	35.9							
59																
411+60	ROOT MAT	0.0--450														
WB CL																
	Reddish brown sandy micaceous CLAY	.45--1.90	66-215-99	1.45	1.90	1.68	2/4/6	52A	17.6	22.6	98.5	55.5	22.4	58.6	A-7-5(11)	
60																
412+00	TOPSOIL	0.0--450														
EB CL																
	Wet, Brown & gray sandy micaceous CLAY	.45--1.50		1.05	1.50	1.28	4/6/12	51A	30.9							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
61 412+60 WB CL	TOPSOIL	0.0--380														
	Brown & gray sandy micaceous CLAY	.38--1.50		1.05	1.50	1.28	5/8/10	21A	18.8							
62 413+00 EB CL	TOPSOIL	0.0--300														
	Brown & gray sandy CLAY	.30--1.50		1.05	1.50	1.28	8/8/11	20A	16.3							
63 413+80 WB CL	TOPSOIL	0.0--300														
	Brown & gray sandy CLAY	.30--1.50		1.05	1.50	1.28	5/4/4	19A	9.9							
64 11+00 CL	ASPHALT CONCRETE	0.0--320														Conn. w/ existing Rt. 208
	Brown & gray sandy CLAY	.32--1.50		0.32	1.50	0.91		2B	12.3							
65 414+20 EB CL	ROOT MAT	0.0--350														
	Light gray micaceous CLAY	.35--1.50		1.05	1.50	1.28	3/3/4	18A	18.2							
66 414+80 WB CL	TOPSOIL	0.0--300														
	Brown & gray micaceous CLAY	.30--1.50		1.05	1.50	1.28	5/5/6	17A	16.9							
67 415+20 EB CL	TOPSOIL	0.0--320														
	Brown & gray micaceous CLAY	.32--1.50		1.05	1.50	1.28	4/5/7	16A	17.9							
68 415+20 WB CL	TOPSOIL	0.0--300														
	Brown & gray micaceous CLAY	.30--2.25		0.50	1.00	0.75		14A	13.1							
				1.80	2.25	2.03	6/9/15	15A	16.2							
69 416+00 EB CL	TOPSOIL	0.0--230														
	Reddish gray micaceous CLAY	.23--2.45		0.90	1.35	1.13	6/9/14	12A	22.0							
				2.00	2.45	2.23	6/8/12	13A	41.4							
70 416+20 WB CL	TOPSOIL	0.0--300														
	Wet, Reddish gray micaceous CLAY	.30--2.90		1.20	1.65	1.43	2/3/4	10A	37.1							
				2.45	2.90	2.68	1/1/2	11A	60.2							
71 416+60 EB CL	TOPSOIL	0.0--300														
	Wet, Reddish gray micaceous CLAY	.30--4.55		1.35	1.80	1.58	5/5/7	7A	39.0							
			66-209-99	2.90	3.35	3.13	2/5/7	8A	43.9	31.1	91.4	67.1	28.2	83.6	A-7-5(20)	
				4.10	4.55	4.33	2/2/4	9A	45.1							
72 416+80 EB CL	ASPHALT CONCRETE	0.0--280														
	F/M/C AGGREGATE	280--300														
73 417+00 WB CL	TOPSOIL	0.0--300														
	Wet, Reddish gray micaceous CLAY	.30--5.80	66-216-99	1.35	1.80	1.58	7/8/11	3A	35.9	21.6	103.8	46.3	23	52.0	A-7-6(7)	
				2.90	3.35	3.13	5/6/7	4A	39.6							
				4.10	4.55	4.33	2/3/4	5A	62.0							
				5.35	5.80	5.58	1/2/3	6A	57.5							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
74																12/06/99
417+40	ROOT MAT	0.0--300														
EB CL																
	Wet, Red micaceous CLAY	.30--1.80		0.20	0.65	0.43	2/3/4	25B	35.4							
				1.35	1.80	1.58	2/3/4	26B	46.9							
75																
417+60	ROOT MAT	0.0--400														
WB CL																
	Brown sandy micaceous CLAY	.40--2.25	66-226-99	1.05	1.50	1.28		27B	17.2	14.8	111.1	42.6	20.2	53.9	A-7-6(7)	
				1.80	2.25	2.03	3/6/8	28B	21.1							
	Wet, Reddish tan sandy micaceous CLAY	2.25--3.35		2.90	3.35	3.13	2/3/5	29B	39.5							
76																
418+00	ROOT MAT	0.0--400														
EB CL																
	Tannish brown sandy micaceous CLAY	.40--1.65		0.30	0.75	0.53		30B	15.4							
				1.20	1.65	1.43	5/5/7	31B	16.0							
77																
418+20	ROOT MAT	0.0--400														
WB CL																
	Tannish brown sandy micaceous CLAY	.40--1.50		0.45	0.90	0.68		32B	23.2							
				1.05	1.50	1.28	3/4/6	33B	14.5							
78																
418+80	ROOT MAT	0.0--450														
EB CL																
	Tannish gray sandy CLAY	.45--1.20		0.45	0.90	0.68	3/4/7	34B	12.4							
	Wet, Tannish brown sandy micaceous CLAY	1.20--1.80		1.35	1.80	1.58	2/4/6	35B	45.4							
79																
420+65	ASPHALT CONCRETE	0.0--200														
WB CL																
	F/M/C AGGREGATE	200--520														
	Tannish brown sandy micaceous CLAY	.52--2.50		0.90	1.35	1.13		87B	19.9							
				1.80	2.25	2.03		88B	21.8							
	Grayish tannish brown micaceous CLAY	2.50--3.35		2.90	3.35	3.13		89B	12.1							
80																
421+20	ROOT MAT	0.0--450														
EB CL																
	Brownish gray micaceous CLAY	.45--2.10		0.75	1.20	0.98	1/2/3	36B	20.3							
				1.65	2.10	1.88	1/3/5	37B	26.7							
81																
421+40	ROOT MAT	0.0--470														
WB CL																
	Brownish gray micaceous CLAY	.47--2.10	66-227-99	0.60	1.05	0.83	1/2/3	38B	22.5	16.0	110.7	43.9	26.6	64.7	A-7-6(14)	
				1.65	2.10	1.88	2/3/5	39B	36.5							
82																
421+80	ROOT MAT	0.0--500														
EB CL																
	Brownish gray micaceous CLAY	.50--2.45		0.90	1.35	1.13	3/3/4	40B	16.1							
				2.00	2.45	2.23	2/3/3	41B	37.0							
83																
422+20	ROOT MAT	0.0--400														
WB CL																
	Wet, Brownish gray micaceous CLAY	.40--2.25		0.75	1.20	0.98	1/2/4	42B	30.9							
				1.80	2.25	2.03	1/2/3	43B	43.3							
84																
422+60	ROOT MAT	0.0--350														
EB CL																
	Brownish gray gravelly micaceous CLAY	.35--1.30	66-228-99	1.35	1.80	1.58	2/5/6	45B	28.8	11.9	123.9	26.5	12.5	44.0	A-6(2)	
	Wet, Brownish gray micaceous CLAY	1.30--4.40	66-229-99	2.90	3.35	3.13	4/7/8	46B	35.2	15.0	111.1	70.2	45.6	71.9	A-7-6(23)	
				3.95	4.40	4.18	3/4/6	47B	39.7							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
85																
423+00	ROOT MAT	0.0--400														
WB CL																
	Wet, Brownish grayish red micaceous CLAY	.40--2.00		1.35	1.80	1.58	2/4/6	48B	48.0							
	Wet, Reddish tan micaceous CLAY	2.00--4.40		2.90	3.35	3.13	3/3/5	49B	40.8							
86																
423+40	ROOT MAT	0.0--400														
EB CL																
	Brownish gray gravelly micaceous CLAY	.40--3.35		1.35	1.80	1.58	2/6/8	51B	25.8							
				2.90	3.35	3.13	3/6/9	52B	30.1							
87																
423+80	ROOT MAT	0.0--400														
WB CL																
	Brownish gray gravelly micaceous CLAY	.40--1.95		0.45	0.90	0.68	1/3/5	53B	18.6							
				1.50	1.95	1.73	2/3/5	54B	34.2							
88																
424+40	ROOT MAT	0.0--400														
EB CL																
	Wet, Brownish gray gravelly micaceous CLAY	.40--1.50		1.05	1.50	1.28	1/2/5	55B	41.7							
89																
425+00	ROOT MAT	0.0--420														
WB CL																
	Brownish grayish red micaceous CLAY	.42--1.50		1.05	1.50	1.28	4/6/8	56B	20.8							
90																
425+60	ROOT MAT	0.0--420														
EB CL																
	Reddish gray CLAY	.42--1.35														
	Grayish red F/M SAND	1.35--1.45														
	Reddish gray CLAY	1.45--1.50		1.05	1.50	1.28	1/4/4	57B	29.4							
91																
426+00	ROOT MAT	0.0--400														
WB CL																
	Wet, Greenish gray sandy CLAY	.40--1.50		1.05	1.50	1.28	2/4/5	58B	34.6							
92																
426+80	ROOT MAT	0.0--450														
EB CL																
	Wet, Reddish brown clayey SILT	.45--1.50		1.05	1.50	1.28	2/5/5	59B	40.8							
	Wet, Tannish red micaceous SILT, trace organic	1.50--4.00		3.55	4.00	3.78	3/4/5	60B	35.1							
93																
427+05	ROOT MAT	0.0--380														
WB CL																
	Wet, Reddish brown clayey SILT	.38--2.50		1.05	1.50	1.28	4/5/5	61B	33.4							
	Wet, Tannish red micaceous SILT, trace organic	2.50--4.85	66-230-99	4.40	4.85	4.63	2/3/4	62B	40.5	27.0	93.3	57.2	22.4	83.1	A-7-5(21)	Conn. w/ Rt. 709
94																
10+60	SURFACE TREATMENT	0.0--30														
CL																
	F/M CRUSHED STONE	30--250														
	Reddish brown micaceous CLAY	.25--2.00		1.40	1.85	1.63		7C	14.9							
	Tannish brown micaceous SILT	2.00--2.95		2.50	2.95	2.73		8C	17.1							
95																
427+30	ROOT MAT	0.0--390														
EB CL																
	Reddish brown micaceous CLAY	.39--5.30		1.37	1.82	1.60	3/4/6	63B								
				2.90	3.35	3.13	2/3/4	64B								
				4.70	5.15	4.93	1/2/3	65B								
	Reddish brown micaceous SILT	5.30--6.20		5.75	6.20	5.98	2/3/6	66B								

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
96 427+80 WB CL	TOPSOIL	0.0--340														
	Reddish brown micaceous CLAY	.34--4.00		1.37	1.82	1.60	4/6/12	67B								
				3.50	3.95	3.73	2/4/7	68B								
	Reddish brownish gray micaceous CLAY	4.00--5.00		4.55	5.00	4.78	1/2/4	69B								
97 428+20 EB CL	ASPHALT CONCRETE	0.0--130														
	F/M/C AGGREGATE	130--300														
	Tannish brown micaceous CLAY	.30--2.30		1.85	2.30	2.08		90B	20.3							
	Reddish brown micaceous CLAY	2.30--3.40		2.95	3.40	3.18		91B	8.1							
98 428+50 WB CL	TOPSOIL	0.0--300														
	Wet, Tannish brown micaceous CLAY	.30--1.50		1.05	1.50	1.28	3/5/7	70B	36.5							
99 428+90 EB CL	TOPSOIL	0.0--300														
	Tannish brown micaceous CLAY	.30--2.10		0.60	1.05	0.83		71B	11.7							
				1.65	2.10	1.88	2/3/5	72B	21.9							
100 10+20 CL	ASPHALT CONCRETE	0.0--90														Conn. w/ Rt. 715
	F/M CRUSHED STONE	90--280														
	Tannish brown micaceous CLAY	.28--1.50														~continued~
101 429+80 EB CL	TOPSOIL	0.0--360														
	Tannish brown & gray micaceous CLAY	.36--1.50		1.05	1.50	1.28	1/2/3	73B	25.5							
102 430+60 EB CL	TOPSOIL	0.0--400														
	Tannish brown & gray silty micaceous CLAY	.40--1.80		0.60	1.05	0.83		74B	14.9							
				1.37	1.82	1.60	3/5/6	75B	12.7							
	Wet, Tannish gray micaceous CLAY	1.80--3.20		2.75	3.20	2.98	2/4/6	79B	35.1							
103 430+80 WB CL	ROOT MAT	0.0--400														
	Tannish brown micaceous CLAY	.40--1.30	66-07-00	1.30	1.75	1.53		77B	25.5	14.3	115.0	37.6	18.7	18.4	A-6(5)	
	Wet, Tannish gray micaceous CLAY	1.30--2.80	66-08-00	2.40	2.85	2.63	3/7/9	78B	51.8	22.9	94.3	73.1	43.4	73.0	A-7-6(33)	
104 431+40 EB CL	ROOT MAT	0.0--310														
	Tannish brown micaceous CLAY	.31--1.30														
	Wet, Brown micaceous SILT (weathered rock)	1.30--1.50		1.05	1.50	1.28	1/3/7	76B	43.5							
105 432+20 WB CL	ASPHALT CONCRETE	0.0--220														
	F/M CRUSHED STONE	220--400														
	F/M AGGREGATE	400--430														
	Brownish gray micaceous CLAY	.43--1.50		1.05	1.50	1.28		93B	14.9							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
106																**01/18/00**
432+60	ROOT MAT	0.0--350														
EB CL																
	Tannish brown silty micaceous CLAY	.35--1.40														
	Tannish brown & gray sandy micaceous SILT	1.40--3.00		1.50	1.95	1.73	2/4/7	80B	26.7							
				2.55	3.00	2.78	3/3/5	81B	20.9							
107																
433+00	ASPHALT CONCRETE	0.0--130														
WB CL																
	F/M AGGREGATE	130--300														
	Tannish brown sandy micaceous SILT	.30--3.10		1.50	1.95	1.73										
				2.65	3.10	2.88		95B	17.1							~continued~
108																
433+60	ROOT MAT	0.0--300														
EB CL																
	Reddish brown silty micaceous CLAY	.30--2.00		1.37	1.82	1.60	3/5/8	82B	28.6							
	Tannish brown sandy micaceous SILT	2.00--7.20	66-09-00	2.90	3.35	3.13	7/8/12	83B	14.4	20.9	101.0	41.1	13.1	48.1	A-7-6(4)	
	Weathered Rock			4.40	4.85	4.63	6/3/5	84B	22.9							
				5.70	6.15	5.93	4/4/5	85B	23.0							
				6.75	7.20	6.98	7/10/12	86B	24.0							
109																
434+00	ASPHALT CONCRETE	0.0--160														
WB CL																
	F/M AGGREGATE	160--410														
	Tannish brown sandy micaceous SILT	.41--4.10		1.37	1.82	1.60		96B	24.3							
				2.60	3.05	2.83		1C	19.9							
				3.65	4.10	3.88		2C	21.8							
110																
434+60	ROOT MAT	0.0--350														
EB CL																
	Tannish brown sandy micaceous SILT	.35--1.70		0.20	0.65	0.43		9C	22.2							
				1.37	1.82	1.60	3/5/7	10C	25.1							
111																
435+00	ASPHALT CONCRETE	0.0--150														
WB CL																
	F/M AGGREGATE	150--280														
	Tannish brown sandy micaceous SILT	.28--1.30		0.60	1.05	0.83		3C	12.1							
	Reddish brown micaceous CLAY	1.30--2.10		1.65	2.10	1.88		4C	20.3							
112																02/07/00
435+60	ROOT MAT	0.0--400														
EB CL																
	Tannish brown sandy micaceous SILT	.40--1.50		1.05	1.50	1.28	3/3/3	11C	15.8							
113																
436+00	ROOT MAT	0.0--360														
WB CL																
	Tannish brown sandy micaceous SILT	.36--1.50		1.05	1.50	1.28		5C	8.1							
114																
436+45	ASPHALT CONCRETE	0.0--160														
EB CL																
	F/M AGGREGATE	160--320														
	Tannish brown sandy micaceous SILT	.32--1.50		1.05	1.50	1.28		6C	9.5							~continued~
115																
437+00																0.0--.45m push w/ SOUNDING ROD--
WB CL																MAXIMUM PENETRATION
116																
437+80																0.0--.91m push w/ SOUNDING ROD--
WB CL																INCREASED RESISTANCE @ .91 m

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
438+00 438+90																Proposed Bridge @ 438+00 to 438+90
117 439+00 WB CL	ROOT MAT	0.0--500														
	Grayish brown silty micaceous CLAY	.50--1.50		1.05	1.50	1.28	2/3/7	12C	21.7							
118 439+80 EB CL	ROOT MAT	0.0--300														
	Brown F/M SAND	.30--1.00														
	Grayish brown silty micaceous CLAY	1.00--2.00		1.05	1.50	1.28	5/2/1	15C	28.1							
				2.60	3.05	2.83	5/6/7	16C	22.3							
119 440+00 WB CL	ROOT MAT	0.0--500														
	Grayish brown silty micaceous CLAY	.50--2.00		1.05	1.50	1.28	P/P/1	13C	24.9							
	Grayish brown silty organic SAND	2.00--3.00		2.60	3.05	2.83	2/3/3	14C	24.6							
120 440+40 EB CL	ROOT MAT	0.0--370														
	Grayish brown silty micaceous CLAY	.37--1.00														
	Gray micaceous CLAY	1.00--1.50		1.05	1.50	1.28	3/4/6	17C	15.8							
121 440+60																0.0--.91m push w/ SOUNDING ROD-- VERY SOFT
122 441+00 WB CL	TOPSOIL	0.0--270														
	Reddish brown micaceous CLAY	.27--1.50		0.27	1.50	0.89		37C	24.2							
123 441+60 EB CL	TOPSOIL	0.0--320														
	Brownish gray silty F SAND	.32--1.50		0.32	1.50	0.91		38C	10.1							
124 441+80 WB CL	TOPSOIL	0.0--340														
	Reddish brown micaceous CLAY	.34--1.00		0.34	1.00	0.67		39C	16.5							
	Dark brown to black silty F/M SAND (weathered rock)	1.00--4.20		1.00	3.00	2.00		40C	12.9							
				3.00	4.20	3.60		41C	6.4							
125 442+20 EB CL	TOPSOIL	0.0--330														
	Reddish brown micaceous CLAY	.33--1.50		0.33	1.50	0.92		42C	23.9							
126 442+40 WB CL	TOPSOIL	0.0--310														
	Reddish brown micaceous CLAY	.31--2.00		1.00	1.50	1.25		43C	18.7							
				1.50	3.00	2.25		44C	23.4							
	Dark brown to black silty F/M SAND (weathered rock)	2.00--4.40		3.00	4.40	3.70		45C	9.8	13.2	121.3	NA	NP	17.3	A-2-4 (0)	
127 442+80 EB CL	TOPSOIL	0.0--400														
	Reddish brown micaceous CLAY	.40--2.60		0.40	1.40	0.90		46C	26.3	16.9	107.4	43.3	26.6	58.9	A-7-6 (12)	
				1.40	2.60	2.00		47C	41.6							
128 443+00 WB CL	TOPSOIL	0.0--400														
	Reddish brown micaceous CLAY	.40--3.00		1.00	1.50	1.25		48C	25.6							
				1.50	3.00	2.25		49C	33.6							
	Reddish brown sandy micaceous CLAY	3.00--3.50		3.00	3.50	3.25		50C	18.2							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
129																
443+40	TOPSOIL	0.0--350														
EB CL																
	Reddish brown micaceous CLAY	.35--1.50		1.00	1.50	1.25		51C	13.0							
	Tannish gray silty SAND	1.50--2.40		1.50	2.40	1.95		52C	10.2							
130																
443+60	TOPSOIL	0.0--300														
WB CL																
	Brown micaceous CLAY	.30--1.30		0.50	1.30	0.90		53C	12.3							
	Gray silty SAND	1.30--2.80		1.30	2.80	2.05		54C	10.8							
131																
444+00	TOPSOIL	0.0--350														
EB CL																
	Reddish brown sandy micaceous CLAY	.35--1.00		0.35	1.00	0.68		55C	12.3							
	Brownish gray silty SAND	1.00--2.10		1.00	2.10	1.55		56C	7.3							
132																
444+20	TOPSOIL	0.0--350														
WB CL																
	Reddish brown sandy micaceous CLAY	.35--1.70		0.35	1.70	1.03		57C	14.6							
	Gray gravelly SAND	1.70--2.90		1.70	2.90	2.30		58C	13.3							
133																
444+80	TOPSOIL	0.0--450														
WB CL																
	Reddish brown gravelly sandy micaceous CLAY	.45--1.50		0.45	1.50	0.98		59C	22.9							
134																
445+20	TOPSOIL	0.0--300														
EB CL																
	Reddish brown sandy micaceous CLAY	.30--1.50		0.30	1.50	0.90		60C	15.7							
135																
445+40	TOPSOIL	0.0--380														
WB CL																
	Red CLAY	.38--1.20														
	Red sandy micaceous CLAY	1.20--1.50		1.00	1.50	1.25		61C	22.8							
136																
445+80	TOPSOIL	0.0--400														
EB CL																
	Reddish brown sandy micaceous CLAY	.40--2.50		0.50	1.50	1.00		62C	19.8							
				1.50	2.50	2.00		63C	19.5							
137																
446+00	TOPSOIL	0.0--350														
WB CL																
	Red micaceous CLAY	.35--1.00		0.50	1.00	0.75		64C	29.9							
	Red sandy micaceous SILT	1.00--3.20		1.00	3.20	2.10		65C	19.0							
138																
446+40	TOPSOIL	0.0--350														
EB CL																
	Wet, Red micaceous SILT	.35--1.30		0.50	1.50	1.00		66C	31.7							
	Red clayey sandy micaceous SILT	1.30--5.10	66-37-00	1.50	4.50	3.00		67C	27.1	21.8	98.8	NA	NP	50.5	A-5 (12)	
				4.50	5.10	4.80		68C	18.0							~continued~
139																
446+60	TOPSOIL	0.0--380														
WB CL																
	Reddish brown micaceous CLAY	.38--.75		0.50	1.50	1.00		69C	14.6							
	Red clayey sandy micaceous SILT	.75--4.10		1.50	3.00	2.25		70C	7.7							
				3.00	4.10	3.55		71C	23.7							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
140 447+00 EB CL	TOPSOIL	0.0--330														
	Red clayey gravelly SAND	.33--2.50	66-38-00	0.50	2.00	1.25		72C	8.2							
				2.00	2.50	2.25		73C	7.7							
	Reddish brown sandy micaceous SILT	2.50--3.00		2.50	3.00	2.75		74C	19.6							
141 447+20 WB CL	TOPSOIL	0.0--470														
	Reddish brown micaceous CLAY	.47--1.40		0.50	1.50	1.00		75C	24.4							
	Red clayey gravelly SAND	1.40--3.00		1.50	3.00	2.25		76C	5.5							
	Reddish brown sandy clayey micaceous SILT	3.00--3.40		3.00	3.40	3.20		77C	17.8							
142 447+60 EB CL	ASPHALT CONCRETE	0.0--130														
	F/M AGGREGATE	130--250														
	Brownish red silty SAND	.25--2.30		1.00	2.00	1.50		77D	19.5							
	Brownish red silty gravelly SAND	2.30--2.50		2.00	2.50	2.25		78D	14.1							
143 447+80 WB CL	TOPSOIL	0.0--320														
	Reddish brown micaceous CLAY	.32--2.00		1.00	2.00	1.50		78C	20.9							
	Red clayey gravelly SAND	2.00--3.30		2.00	3.00	2.50		79C	13.5							
	Reddish brown micaceous SILT	3.30--4.80		3.00	4.80	3.90		80C	26.8							
144 448+40 WB CL	TOPSOIL	0.0--280														
	Reddish brown sandy micaceous SILT	.28--2.00		0.50	2.00	1.25		81C	13.0							
	Reddish brown micaceous SILT	2.00--2.70		2.00	2.70	2.35		82C	13.5							
145 448+20 EB CL	ASPHALT CONCRETE	0.0--190														
	F/M AGGREGATE	190--280														
	Brownish gray silty SAND	.28--.90		0.50	1.00	0.75		74D	10.3							
	Brownish gray silty gravelly SAND	.90--1.50		1.00	1.50	1.25		75D	17.3							
146 448+80 EB CL	ASPHALT CONCRETE	0.0--200														
	F/M AGGREGATE	200--310														
	Greenish gray silty SAND	.31--1.50		0.50	1.50	1.00		76D	10.0							
147 449+00 WB CL	ROOT MAT	0.0--450														Groundwater @ .10m after 48 hrs.
	Tan silty SAND	.45--1.50		0.50	1.50	1.00		83C	17.8							
148 449+60 WB CL	ROOT MAT	0.0--400														
	Tan silty SAND	.40--1.50		0.50	1.50	1.00		84C	9.2							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
149																
450+00	ASPHALT CONCRETE	0.0--180														
EB CL																
	F/M AGGREGATE	180--310														
	Tannish gray silty SAND	.31--1.20														
	Tannish gray silty gravelly SAND	1.20--1.50		1.00	1.50	1.25		73D	7.3							
150																
450+20	ROOT MAT	0.0--400														
WB CL																
	Reddish gray silty micaceous CLAY	.40--1.50		0.50	1.50	1.00		86C	14.0							
151																
450+60	ASPHALT CONCRETE	0.0--150														
EB CL																
	F/M AGGREGATE	150--210														
	Brown sandy SILT	.21--1.00		0.50	1.00	0.75		71D	8.8							
	Brownish gray CLAY	1.00--1.50		1.00	1.50	1.25		72D	17.2							
152																
450+80	ROOT MAT	0.0--600														
WB CL																
	Reddish gray silty micaceous CLAY	.60--1.50		0.60	1.50	1.05		86C	14.0							
153																
451+20	ASPHALT CONCRETE	0.0--140														
EB CL																
	F/M AGGREGATE	140--240														
	Reddish gray silty micaceous CLAY	.24--2.00		0.50	2.00	1.25		70D	22.7							
154																
452+00	ROOT MAT	0.0--500														Groundwater @ .46m after 48 hrs.
WB CL																
	Greenish brown clayey micaceous SILT	.50--1.50														
155																
452+40	TOPSOIL	0.0--400														
EB CL																
	Tannish brown sandy CLAY	.40--1.50		0.50	1.00	0.75		19C	14.2							
				1.00	1.50	1.25		18C	18.8							
156																
453+20	TOPSOIL	0.0--350														
WB CL																
	Tannish brown sandy CLAY	.35--1.50		0.50	1.50	1.00		20C	15.1							
157																
453+60	TOPSOIL	0.0--350														
EB CL																
	Tannish brown sandy SILT	.35--2.30	66-24-00	0.60	1.30	0.95		23C	11.5	10.7	122.1	27.2	13.2	42.5	A-6 (2)	
	Grayish brown CLAY	2.30--2.60		1.30	2.60	1.95		24C	12.3							
158																
453+80	TOPSOIL	0.0--300														
WB CL																
	Tannish brown sandy CLAY	.30--1.30		0.35	1.30	0.83		21C	15.5							
	Tannish brown sandy SILT	1.30--2.50		2.05	2.50	2.28		22C	11.3							
159																
454+40	TOPSOIL	0.0--300														
WB CL																
	Wet, Tannish red CLAY	.30--1.70	66-25-00	0.30	0.75	0.53		25C	40.2	16.0	110.9	41.0	16	60.0	A-7-6 (7)	
				1.25	1.70	1.48		26C	40.0							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
160																
455+00	TOPSOIL	0.0--300														
WB CL																
	Wet, Red CLAY	.30--1.10		0.40	1.00	0.70		27C	31.1							
	Wet, Red micaceous CLAY	1.10--2.00		1.20	1.90	1.55		28C	35.8							
161																
455+40	TOPSOIL	0.0--300														
EB CL																
	Wet, Red micaceous CLAY	.30--2.10		0.60	1.00	0.80		31C	28.0							
				1.10	2.10	1.60		32C	34.3							
162																
455+60	TOPSOIL	0.0--400														
WB CL																
	Tannish red micaceous CLAY	.40--2.20		0.30	1.00	0.65		29C	17.8							
				1.00	2.20	1.60		30C	30.0							
163																
456+20	TOPSOIL	0.0--335														
EB CL																
	Brownish tan CLAY	.33--1.20		0.40	1.20	0.80		33C	16.7							
	Red micaceous CLAY	1.20--2.70		1.20	2.70	1.95		34C	21.1							
164																
456+30	TOPSOIL	0.0--250														
EB CL																
	Wet, Red micaceous CLAY	.25--1.50	66-26-00	0.40	1.50	0.95		35C	31.5	24.4	94.6	61.4	16.1	57.6	A-7-5 (10)	
	Red micaceous SILT	1.50--3.20		2.75	3.20	2.98		36C	23.0							
165																
457+00	ROOT MAT	0.0--300														
WB CL																
	Red micaceous CLAY	.30--2.00		1.40	1.85	1.63	2/4/6	88C	24.2							
	Tan micaceous SILT	2.00--3.00		2.55	3.00	2.78	3/4/5	89C	16.9							
166																
457+60	ROOT MAT	0.0--400														
EB CL																
	Brownish tan micaceous SILT	.40--1.50		1.05	1.50	1.28	2/2/4	90C	26.5							
167																
458+20	ROOT MAT	0.0--200														
WB CL																
	Reddish tan micaceous SILT	.20--1.50		1.05	1.50	1.28	3/5/6	91C	31.5							
168																
458+80	ROOT MAT	0.0--400														
EB CL																
	Tannish gray micaceous CLAY	.40--1.50		1.05	1.50	1.28	2/2/2	92C	24.9							
169																
459+40	ROOT MAT	0.0--300														
EB CL																
	Reddish tannish gray micaceous CLAY	.30--1.50		1.05	1.50	1.28	3/4/4	1D	20.0							
170																
460+00	ROOT MAT	0.0--230														
WB CL																
	Reddish brown micaceous SILT	.23--1.50		1.05	1.50	1.28	2/3/2	2D	29.5							
171																
460+60	ROOT MAT	0.0--500														
EB CL																
	Red micaceous CLAY	.50--1.50		1.05	1.50	1.28	3/5/7	3D	24.9							
172																
461+20	ROOT MAT	0.0--470														
WB CL																
	Red micaceous CLAY	.47--1.50		1.05	1.50	1.28	5/6/7	4D	28.1							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
173																
462+00	ROOT MAT	0.0--370														
EB CL																
	Red micaceous CLAY	.37--2.60	66-30-00	1.00	1.45	1.23	3/5/5	5D	30.9	21.6	98.4	52.1	18.9	58.6	A-7-5 (10)	
				2.15	2.60	2.38	2/4/4	6D	27.4							
174																
462+40	ROOT MAT	0.0--500														
WB CL																
	Red micaceous CLAY	.50--1.50		0.50	1.50	1.00		18D	22.3							
175																
10+40	ROOT MAT	0.0--350														Conn. w/ Rt. 648
CL																
	Red micaceous CLAY	.35--2.00		0.50	1.00	0.75		7D	20.2							
				1.55	2.00	1.78	3/5/6	8D	27.3							
176																
11+00	ASPHALT CONCRETE	0.0--170														Conn. w/ Rt. 648
CL																
	F/M AGGREGATE	170--290														
	Reddish gray silty micaceous CLAY	.29--1.50		0.50	1.50	1.00		60D	20.8							
177																
463+00	ROOT MAT	0.0--450														
EB CL																
	Red micaceous CLAY	.45--1.50		0.50	1.50	1.00		19D	20.1							
178																
463+20	ROOT MAT	0.0--500														
10m Lt CL																
	Red micaceous CLAY	.50--3.40	66-40-00	1.40	1.85	1.63	3/5/7	20D	29.7	21.4	101.9	51.4	22.3	61.5	A-7-6 (12)	
				2.90	3.35	3.13	3/3/5	21D	28.8							
179																
464+20	ROOT MAT	0.0--300														
EB CL																
	Tannish brown micaceous SILT	.30--1.50		0.30	1.50	0.90		22D	24.5							
180																
465+00	TOPSOIL	0.0--400														
CL																
	Tannish brown micaceous SILT	.40--1.50		0.40	1.50	0.95		23D	22.1							
181																
465+90	TOPSOIL	0.0--280														
WB CL																
	Red micaceous CLAY	.28--1.00														
	Tannish brown sandy micaceous SILT	1.00--3.40	66-41-00	1.40	1.85	1.63	5/6/7	24D	16.8	11.6	116.3	32.3	NP	34.2	A-2-4 (0)	
				2.90	3.35	3.13	9/15/16	25D	8.9							
182																
466+40	ROOT MAT	0.0--450														
EB CL																
	Tannish brown micaceous SILT	.45--1.50		0.50	1.50	1.00		26D	14.4							
183																
467+60	ROOT MAT	0.0--400														
CL																
	Tannish brown micaceous SILT	.40--1.50		1.00	1.50	1.25		27D	13.4							
184																
468+20	ROOT MAT	0.0--350														
10m Lt CL																
	Tannish brown micaceous SILT	.35--1.50		1.00	1.50	1.25		28D	30.2							
185																
468+80	ROOT MAT	0.0--500														
EB CL																
	Tannish brown sandy micaceous SILT	.50--4.50		1.40	1.85	1.63	6/7/9	29D	15.3							
				2.90	3.35	3.13	6/9/12	30D	12.1							
				4.05	4.50	4.28	7/11/10	31D	14.7							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
186																
469+40	ROOT MAT	0.0--300														
WB CL																
	Red micaceous CLAY	.30--1.00														
	Tannish brown sandy micaceous SILT	1.00--3.35		1.40	1.85	1.63	3/3/5	32D	17.4							
				2.90	3.35	3.13	3/6/8	33D	25.4							
187																
470+00	ROOT MAT	0.0--460														
11m Rt CL																
	Red micaceous CLAY	.46--1.30														
	Tannish brown sandy micaceous SILT	1.30--4.30	66-42-00	1.40	1.85	1.63	8/10/16	34D	13.1	14.0	113.7	45.3	19	42.3	A-7-6 (4)	
				2.90	3.35	3.13	3/4/5	35D	17.5							
				3.85	4.30	4.08	4/5/7	36D	12.4							
188																
470+40	ASPHALT CONCRETE	0.0--160														Conn. w/ Rt. 608 South
CL																
	F/M/C AGGREGATE	160--250														
	Brown sandy micaceous SILT	.25--2.50		1.00	2.50	1.75		61D	16.8							
189																
10+80	ASPHALT CONCRETE	0.0--140														Rt. 608 South
CL																
	F/M/C AGGREGATE	140--180														
	Reddish brown silty micaceous SAND	.18--1.00														
	Brown sandy micaceous SILT	1.00--1.50		1.00	1.50	1.25		62D	11.3							
190																
11+40	ASPHALT CONCRETE	0.0--170														Rt. 608 South
CL																
	F/M/C AGGREGATE	170--240														
	Reddish brown silty CLAY	.24--1.50		0.50	1.50	1.00		63D	19.2							
191																
471+00	ROOT MAT	0.0--450														
CL																
	Tannish brown sandy micaceous SILT	.45--1.50		0.50	1.50	1.00		37D	21.8							
192																
471+40	ROOT MAT	0.0--400														
10m Rt CL																
	Tannish brown sandy micaceous SILT	.40--1.50		0.50	1.50	1.00		38D	20.3							
193																
472+40	ROOT MAT	0.0--500														
10m Rt CL																
	Red CLAY	.50--1.00														
	Tannish brown sandy micaceous SILT	1.00--4.40	66-44-00	1.40	1.85	1.63	23/31/25	39D	9.5	10.2	122.3	NA	NP	33.1	A-2-4 (0)	
				2.90	3.35	3.13	12/15/12	40D	12.7							
				3.95	4.40	4.18	1/2/3	41D	47.4							
194																
473+00	ROOT MAT	0.0--500														
10m Lt CL																
	Tannish brownish gray sandy micaceous CLAY	.50--2.90	66-45-00	1.40	1.85	1.63	2/6/10	42D	14.7	12.9	114.8	33.0	17.5	46.5	A-6 (4)	
				2.45	2.90	2.68	1/3/5	43D	22.2							
195																
473+60	ROOT MAT	0.0--460														
10m Rt CL																
	Tannish brown CLAY	.46--1.80		0.50	1.00	0.75		44D	21.2							
				1.00	1.80	1.40		45D	18.8							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
196																
474+00	ROOT MAT	0.0--470														
10m Lt CL																
	Tannish brownish gray micaceous CLAY	.47--1.80		0.50	1.00	0.75		46D	15.7							
				1.40	1.85	1.63	4/6/9	47D	17.2							
197																
474+60	ROOT MAT	0.0--350														
10m Rt CL																
	Tannish brown micaceous CLAY	.35--3.50		1.40	1.85	1.63	5/4/8	48D	29.9							
				3.05	3.50	3.28	2/4/6	49D	35.5							
198																
475+20	ROOT MAT	0.0--400														
10m Lt CL																
	Tannish brown micaceous CLAY	.40--1.80		1.40	1.85	1.63	8/13/15	50D	27.9							
	Wet, Red micaceous CLAY	1.80--3.00	66-46-00	2.55	3.00	2.78	3/5/6	51D	39.3	24.0	97.7	56.5	14.2	62.2	A-7-5 (10)	
199																
475+80	ROOT MAT	0.0--500														
10m Rt CL																
	Tannish brown micaceous CLAY	.50--1.00		0.50	1.00	0.75		52D	25.2							
	Wet, Red micaceous CLAY	1.00--2.60		2.15	2.60	2.38	3/7/10	53D	29.9							
200																
476+40	ROOT MAT	0.0-400														
10m Lt CL																
	Tannish brown micaceous CLAY	.40--1.00		0.50	1.00	0.75		54D	24.2							
	Red micaceous CLAY	1.00--1.50		1.00	1.50	1.25		55D	31.7							
201																
477+00	ROOT MAT	0.0--500														
10m Rt CL																
	Tannish brown micaceous CLAY	.50--1.50		0.50	1.00	0.75		56D	16.7							
				1.05	1.50	1.28	4/8/12	57D	17.1							
202																
477+60	TOPSOIL	0.0--350														Groundwater @ .10m after 48 hrs.
10m Lt CL																
	Tannish gray CLAY	.35--1.50		0.50	1.00	0.75		58D	21.7							
				1.05	1.50	1.28	2/4/5	59D	19.2							
203																
478+10	ASPHALT CONCRETE	0.0--150														Conn. w/ Rt. 613
CL																
	F/M/C AGGREGATE	150--260														
	Red micaceous CLAY	.26--1.50		0.50	1.50	1.00		66D	12.3							
204																
10+60	ASPHALT CONCRETE	0.0--120														Conn. w/ Rt. 613
N Sur CL																
	F/M/C AGGREGATE	120--280														
	Red micaceous CLAY	.28--1.50		0.50	1.50	1.00		64D	17.8							
205																
11+40	ASPHALT CONCRETE	0.0--110														Conn. w/ Rt. 613
N Sur CL																
	F/M/C AGGREGATE	110--240														
	Brownish red silty micaceous CLAY	.24--1.50		0.50	1.50	1.00		65D	16.7							
206																
10+60	ASPHALT CONCRETE	0.0--130														Conn. w/ Rt. 613
S Sur CL																
	F/M/C AGGREGATE	130--230														
	Reddish brown silty micaceous CLAY	.23--1.50		0.50	1.50	1.00		67D	16.2							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
207																
11+20	ASPHALT CONCRETE	0.0--90														
S Sur CL																
	F/M/C AGGREGATE	90--220														
	Gray sandy SILT	.22--1.10		0.50	1.00	0.75		68D	9.4							
	Dark gray silty CLAY	1.10--1.50		1.10	1.50	1.30		69D	16.4							
208																
480+00	ROOT MAT	0.0--300														
10m Rt CL																
	Tannish red micaceous CLAY	.30--1.50		0.50	1.50	1.00		79D	27.3							
209																
480+60	TOPSOIL	0.0--250														
10m Rt CL																
	Red micaceous CLAY	.25--2.10		0.50	1.00	0.75		80D	19.0							
				1.65	2.10	1.88	4/8/12	81D	22.3							
210																
10+40	ASPHALT CONCRETE	0.0--50														Relocation of Courthouse Crossing Culdesac
CL																
	CRUSHED STONE	50--200														
211																
481+20	TOPSOIL	0.0--400														
10m Lt CL																
	Tannish brown CLAY	.40--1.50		1.05	1.50	1.28	3/3/2	83D	14.3							
212																
481+80	TOPSOL	0.0--300														
10m Rt CL																
	Grayish brown organic SILT	.30--1.00		0.50	1.00	0.75		84D	21.7							
	Tannish brown CLAY	1.00--2.60		1.40	1.85	1.63	3/2/5	85D	14.9							
213																
482+40	TOPSOL	0.0--350														
10m Lt CL																
	Tannish brown SILT	.35--1.40	66-51-00							12.1	119.4	27.0	8.7	43.7	A-4 (1)	
	Reddish brown silty micaceous CLAY	1.40--4.30	66-52-00	1.40	1.85	1.63	1/3/3	86D	27.6							
				2.70	3.15	2.93	4/6/9	87D	25.9							
				3.85	4.30	4.08	4/5/6	88D	27.1							
	~continued~															~continued~

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
214																
483+00	TOPSOL	0.0--340														
10m Rt CL																
	Brown sandy SILT	.34--3.80		1.00	1.50	1.25		89D	15.1							
	Weather Rock			2.15	2.60	2.38	12/22/22	90D	9.5							
				3.35	3.80	3.58	30/24	91D	7.9							
215																
483+60	ROOT MAT	0.0--320														
CL																
	Brown sandy SILT	.32--2.45		1.05	1.50	1.28	4/8/3	92D	16.1							
	Weather Rock			2.35	2.45	2.40	50	93D	6.6							
216																
484+20	ROOT MAT	0.0--300														Boulders scattered around on surface
20m Rt CL																
	Brown sandy SILT	.30--3.40		1.35	1.80	1.58	5/9/10	94D	17.4							
	Weather Rock			2.95	3.40	3.18	8/11/9	95D	15.8							
217																
485+00	TOPSOIL	0.0--300														
CL																
	Tannish red micaceous CLAY	.30--1.50		0.60	1.50	1.05		96D	41.3							
218																
485+40	TOPSOIL	0.0--320														
10m Lt CL																
	Wet, Red micaceous CLAY	.32--1.50		0.50	1.50	1.00		1E	39.5							
219																
486+00	TOPSOIL	0.0--340														
10m Rt CL																
	Brown silty CLAY	.34--1.50		0.50	1.50	1.00		2E	21.2							
220																
486+60	TOPSOIL	0.0--330														
10m Lt CL																
	Wet, Grayish brown sandy micaceous CLAY	.33--3.45		1.50	1.95	1.73	3/6/8	3E	31.9							
				3.00	3.45	3.23	2/5/8	4E	26.7							
221																
487+20	TOPSOIL	0.0--350														
10m Rt CL																
	Tannish brown micaceous CLAY	.35--2.00		0.50	1.50	1.00		5E	23.9							
	Tannish gray micaceous SILT	2.00--4.40		2.30	2.75	2.53	3/6/8	6E	18.6							
	Weathered Rock			3.95	4.40	4.18	7/12/17	7E	16.0							
222																
487+80	TOPSOIL	0.0--300														
10m Lt CL																
	Tannish brown micaceous CLAY	.30--3.50		1.40	1.85	1.63	3/5/5	8E	21.1							
				2.90	3.35	3.13	2/4/5	9E	27.0							
	Tannish gray sandy micaceous SILT	3.50--6.40	66-53-00	4.40	4.85	4.63	3/4/7	10E	34.5	13.2	110.8	NA	NP	34.3	A-2-4 (0)	
	Weathered Rock			5.95	6.40	6.18	7/14/20	11E	18.5							
223																
488+40	TOPSOIL	0.0--300														
10m Rt CL																
	Tannish gray sandy micaceous SILT	.30--3.25		0.60	1.50	1.05		29E	8.0							
	Weathered Rock			2.15	2.45	2.30	50/50	30E	4.5							
				3.10	3.25	3.18	42/50	31E	4.6							
224																
489+00	TOPSOIL	0.0--300														
10m Lt CL																
	Tannish gray sandy micaceous SILT	.30--2.80		1.20	1.65	1.43	3/4/8	32E	16.5							
	Weathered Rock			2.45	2.90	2.68	3/10/12	33E	12.7							
225																
489+60	TOPSOIL	0.0--400														
10m Rt CL																
	Tannish gray sandy micaceous SILT	.40--1.50		0.40	1.50	0.95		34E	11.7							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
226																
490+250	TOPSOIL	0.0--250														
10m Lt CL																
	Tannish brown micaceous CLAY	.25--1.00		0.25	1.00	0.63		35E	16.3							
	Tannish gray sandy micaceous SILT	1.00--1.50		1.00	1.50	1.25		36E	11.4							
227																
490+80	TOPSOIL	0.0--300														
10m Rt CL																
	Tannish brown CLAY	.30--1.50		0.30	1.50	0.90		37E	25.1							
228																
491+40	TOPSOIL	0.0--300														
10m Lt CL																
	Tannish red micaceous CLAY	.30--1.00		0.30	1.00	0.65		38E	24.9							
	Tannish gray sandy micaceous SILT	1.00--1.50		1.00	1.50	1.25		39E	27.7							
229																
492+00	TOPSOIL	0.0--300														
10m Rt CL																
	Red micaceous CLAY	.30--1.00		0.30	1.00	0.65		40E	28.5							
	Tannish brown sandy micaceous SILT	1.00--1.50														
230																
492+60	TOPSOIL	0.0--300														
13m Rt CL																
	Red micaceous CLAY	.30--1.50		0.50	1.50	1.00		27E	32.1							
	Tannish brown sandy micaceous SILT	1.50--3.30	66-54-00	1.70	3.30	2.50		28E	26.6	20.0	99.4	54.6	11.7	49.1	A-7-5 (13)	
231																
10+40	TOPSOIL	0.0--200														Conn. w/ existing Rt. 208
CL																
	Tannish red micaceous CLAY	.20--1.50		0.20	1.50	0.85		26E	26.7							
232																
11+00	TOPSOIL	0.0--350														Conn. w/ existing Rt. 208
CL																
	Red micaceous CLAY	.35--1.50		0.35	1.50	0.93		25E	24.0							
233																
11+60	TOPSOIL	0.0--300														Conn. w/ existing Rt. 208
CL																
	Red micaceous CLAY	.30--1.30		0.30	1.30	0.80		23E	34.7							
	Wet, Tannish brown micaceous CLAY	1.30--2.50		1.30	2.50	1.90		24E	48.7							
234																
12+40	ASPHALT CONCRETE	0.0--220														Conn. w/ existing Rt. 208
CL																
235																
493+20	TOPSOIL	0.0--250														
10m Lt CL																
	Tannish brown micaceous CLAY	.25--1.30		0.30	1.30	0.80		41E	15.3							
	Gray sandy gravelly CLAY	1.30--1.50														
236																
493+80	TOPSOIL	0.0--300														
10m Rt CL																
	Tannish brown micaceous CLAY	.30--1.50		0.30	1.50	0.90		42E	17.9							
237																
494+40	TOPSOIL	0.0--300														
10m Lt CL																
	Wet, Tannish brown micaceous CLAY	.30--2.00	66-55-00	1.40	1.85	1.63	2/3/6	43E	36.5	23.4	95.5	68.7	35.8	66.9	A-7-5 (3)	
	Wet, Gray micaceous CLAY	2.00--3.05		2.60	3.05	2.83	2/3/4	44E	38.5							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
238 495+50 10m Lt CL	TOPSOIL	0.0--300														
	Wet, Red CLAY	.30--2.00		1.40	1.85	1.63	3/6/9	45E	37.3							
	Tannish brown micaceous SILT (Weathered Rock)	2.00--3.70	66-56-00	2.90	3.35	3.13	6/5/6	46E	13.8	14.9	109.7	30.7	7.9	44.6	A-4 (1)	
239 10+25 CL	ASPHALT CONCRETE	0.0--250														Conn. w/ existing Rt. 208 @ Plantation Forest Drive
	F/M CRUSHED STONE	250--510														
	Tannish brown CLAY	.51--1.30		1.00	1.30	1.15		15E	10.3							
	Red CLAY	1.30--2.50		1.30	2.50	1.90		16E	31.3							
240 10+50 CL	ASPHALT CONCRETE	0.0--210														Conn. w/ existing Rt. 208 @ Plantation Forest Drive
	F/M CRUSHED STONE	210--410														
	Tannish red micaceous CLAY	.41--1.30		0.50	1.30	0.90		21E	31.3							
	Gray organic CLAY	1.30--1.50														
	Wet, Red micaceous CLAY	1.50--3.40		1.50	3.40	2.45		22E	34.4							
241 11+20 CL	ASPHALT CONCRETE	0.0--110														Conn. w/ existing Rt. 208 @ Plantation Forest Drive
	F/M CRUSHED STONE	110--390														
	Tannish gray CLAY	.39--1.50		0.50	1.50	1.00		20E	21.5							
242 496+00 CL	ASPHALT CONCRETE	0.0--340														Conn. w/ existing Rt. 208 WBL
	F/M CRUSHED STONE	340--700														
	Tannish red micaceous CLAY	.70--.80		0.70	0.80	0.75		13E	13.2							
	BOULDER	.80--1.00														
	Tannish brown CLAY	1.00--2.50		1.00	2.50	1.75		14E	27.7							
243 496+80 10m Rt CL EBL	ASPHALT CONCRETE	0.0--190														Conn. w/ existing Rt. 208 EBL
	F/M CRUSHED STONE	190--350														
	SOIL CEMENT	350--520														
	Tannish red CLAY	.52--1.50		0.60	1.50	1.05		17E	28.9							
244 497+80 11m Lt CL WBL	ASPHALT CONCRETE	0.0-300														Conn. w/ existing Rt. 208 WBL
	Original CONCRETE PAVEMENT															
245 497+80 13m Lt CL	ASPHALT CONCRETE	0.0--350														Conn. w/ existing Rt. 208 EBL
	F/M/C AGGREGATE	350--650														
	Tannish red CLAY	.65--1.50		0.70	1.50	1.10		12E	16.3							

STATION OR HOLE #	FIELD DESCRIPTION OF STRATA	Depth	Soil Sample #	FIELD MOISTURE DETERMINATION						LABORATORY DATA						REMARKS
				FROM	TO	DEPTH TAKEN	SPT COUNT	DISH #	FIELD MOISTURE	O.M	M.D. lbs/ft^3	L.L.	P.I.	% -#200	ASSHTO	
246																
497+80	ASPHALT CONCRETE	0.0--200														
8m Rt CL																
EBL	F/M CRUSHED STONE	200--350														
	SOIL CEMENT	350--510														
	Tannish brown micaceous CLAY	.51--1.50		0.51	1.20	0.86		18E	20.4							
				1.20	1.50	1.35		19E	22.8							
	Project Ends @ Station 499+00															Project Ends @ Station 499+00