

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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5/11

PROJECT NO 8.1601401		ID B-3157		COUNTY DAVIDSON		GEOLOGIST J.C. MONTGOMERY							
SITE DESCRIPTION RETAINING WALL #1 STA. 18+25 TO 23+50 -L- LT.							GND WATER						
BORING NO B-1		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT L		BORING LOCATION 18+50.000		OFFSET 87.00ft LT		24 HR N/A							
COLLAR ELEV 754.15ft		TOTAL DEPTH 30.30ft		START DATE 9/25/01		COMPLETION DATE 09/25/01							
DRILL MACHINE MOBILE B-57			DRILL METHOD H.S. AUGERS			HAMMER TYPE MANUAL							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B-1, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN	BLOWS PER FOOT				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in	(ft)	0	25	50	75	100			
754.15													Ground Surface
750.00	3.80	6	8	9	1.0		7						(RESIDUAL) BRN-GRAY-WHITE TO RED-BRN-BLACK STIFF TO V. STIFF DRY SLI. MIC. SILTY F. SANDY CLAY
	6.30	6	6	9	1.0		15				SS-1	D	
	8.80	6	7	10	1.0		7				SS-2	D	
	11.30	7	8	9	1.0		7				SS-3	D	
740.00	13.80	7	7	9	1.0		16				SS-4	D	BRN-GRAY-BLACK STIFF TO V. STIFF DRY V. MIC. CLAYEY F. SANDY SILT
	16.30	5	6	8	1.0		14						
	18.80	5	6	9	1.0		15						
	21.30	3	4	4	1.0		8						
	23.80	2	4	4	1.0		8						RED-BRN-BLACK STIFF DRY TO MOIST SILTY F. SANDY CLAY
	26.30	3	6	6	1.0		12				SS-5	M	BRN-RED-BLACK-GRAY STIFF MOIST CLAYEY SILTY F. SAND
723.85	28.80	2	4	6	1.0		10				SS-6	M	RED-BRN STIFF MOIST SILTY F. SANDY CLAY W/ VERTICAL BLACK-WHITE SANDY SEAM
													TERMINATED BORING AT ELEV. 723.85 IN STIFF SILTY F. SANDY CLAY

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SITE DESCRIPTION RETAINING WALL #1 STA. 18+25 TO 23+50 -L- LT.							GND WATER						
BORING NO B-2		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT L		BORING LOCATION 19+50.000		OFFSET 85.00ft LT		24 HR N/A							
COLLAR ELEV 756.86ft		TOTAL DEPTH 32.70ft		START DATE 9/25/01		COMPLETION DATE 09/25/01							
DRILL MACHINE MOBILE B-57			DRILL METHOD H.S. AUGERS			HAMMER TYPE MANUAL							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B-2, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN	BLOWS PER FOOT				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in	(ft)	0	25	50	75	100			
756.86													Ground Surface
750.00	3.70	6	8	9	1.0		7						(RESIDUAL) RED-BRN STIFF TO V. STIFF DRY SILTY F. SANDY CLAY
	6.20	4	4	6	1.0		10				SS-7	D	
	8.70	0	4	6	1.0		10						
	11.20	2	3	5	1.0		8						
740.00	16.80	4	4	6	1.0		10				SS-8	M	TAN-WHITE STIFF TO V. STIFF MOIST CLAYEY SANDY SILT
	18.70	8	12	12	1.0		24						
	21.20	100			0.3					100			
	23.70	20	47	53	1.0					100			WEATHERED ROCK (TAN-WHITE HARD DRY CLAYEY SANDY SILT)
	26.20	14	16	11	1.0					27			
	28.70	2	4	6	1.0		10				SS-9	M	TAN-WHITE V. STIFF DRY CLAYEY SANDY SILT
724.16	31.20	1	2	4	1.0		6				SS-10	M	BRN-RED-BLACK-WHITE MED. STIFF TO STIFF MOIST SILTY F. SANDY CLAY
													TERMINATED BORING AT ELEV. 724.16 IN MED. STIFF SILTY F. SANDY CLAY