

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG SHEET 1 OF 1

PROJECT NO. 8.2625201		ID. B-3454		COUNTY FORSYTH		GEOLOGIST MURRAY								
SITE DESCRIPTION BRIDGE 260 OVER MUDDY CREEK ON SR-1136							GROUND WATER							
BORING NO. EB2-A		BORING LOCATION 21+44.00		OFFSET -13.00		ALIGNMENT								
COLLAR ELEVATION 762.51		NORTHING 877759.5330		EASTING 1601104.7036		24 HR. 4.0								
TOTAL DEPTH 37.3		DRILL MACHINE CME-550		DRILL METHOD NWCASTRI-CONE		HAMMER TYPE AUTOMATIC								
START DATE 2/03/03		COMPLETION DATE 2/03/03		SURFACE WATER DEPTH		DEPTH TO ROCK 37.3								
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100				
762.51														0-7.0' FILL, RED STIFF MOIST CLAY.
760.00	5	3	4	4	1								M/W	
755.00	10	5	9	91	0.9						100 X			7.0' - 12.8' WEATHERED ROCK
750.00	15	2	3	6	1									12.8' - 29.4' RESIDUAL, WET, OLIVE TAN SANDY CLAY WITH INTERVALS OF RELICT WEATHERED ROCK.
745.00	20	5	7	11	1								W	
740.00	24.4	12	12	13	1								W	
735.00	29.4	7	12	19	1								W	29.4' - 35.3' RESIDUAL WET, OLIVE TAN SILTY CLAYEY SAND (A-2-7)
730.00	34.4	30	70		0.9						100 X		W	35.3' - 37.3' WEATHERED ROCK WITH RESISTANCE INCREASING AT BASE TO TRI-CONE REFUSAL
725.00														
720.00														
715.00														
710.00														
705.00														
700.00														
695.00														
690.00														
685.00														

BORING TERMINATED AT
37.3' AT TRI-CONE REFUSAL

14/21

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG SHEET 1 OF 1

PROJECT NO. 8.2625201		ID. B-3454		COUNTY FORSYTH		GEOLOGIST MURRAY								
SITE DESCRIPTION BRIDGE 260 OVER MUDDY CREEK ON SR-1525							GROUND WATER							
BORING NO. EB2-B		BORING LOCATION 21+47.00		OFFSET 17.00		ALIGNMENT L								
COLLAR ELEVATION 762.83		NORTHING 877729.8691		EASTING 1601110.0932		24 HR. 12								
TOTAL DEPTH 44.4		DRILL MACHINE CME-550		DRILL METHOD NWCASTRI-CONE		HAMMER TYPE AUTOMATIC								
START DATE 1/27/03		COMPLETION DATE 1/27/03		SURFACE WATER DEPTH		DEPTH TO ROCK 44.4								
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100				
762.83														0-7' FILL, MOIST, STIFF, BROWN, FINE SANDY SILTY CLAY.
760.00	5.1	2	4	9	1							SS-14	M	
755.00	10.1	4	4	5	1							SS-15	M	7-17' STIFF, MOIST, TAN, SILTY SANDY CLAY WITH REMNANT WEATHERED ROCK INTERVALS.
750.00	15.1	7	7	7	1							SS-16	M	
745.00	20.1	8	8	12	1							SS-17	M	17-23.6' RESIDUAL, MOIST, TAN SANDY CLAYEY SILT
740.00	25.1	100			0.4						100 X			WEATHERED ROCK
735.00	29.4	8	92		0.6						100 X			29' - 32' HARD ROCK BASED ON SPT REFUSAL
730.00	34.4	10	13	22	1							SS-18	M	32' - 36' RESIDUAL, MOIST, TAN, TO OLIVE GREEN, HARD, SANDY SILTY CLAY.
725.00	39.4	100			0.0						100 X			36-44.4' ROCK, HARDER THAN SPT REFUSAL.
720.00	44.4	15	40	80	0.5						100 X			
715.00														
710.00														
705.00														
700.00														
695.00														
690.00														
685.00														

BORING TERMINATED AT
SPT REFUSAL