

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1620404		ID I-900 AA		COUNTY FORSYTH		GEOLOGIST CONSULTANT								
SITE DESCRIPTION VESTMILL ROAD OVER I-40							GND WATER							
BORING NO EB1-A *		NORTHING 0.00		EASTING 0.00		0 HR 23.00ft	24 HR N/A							
ALIGNMENT VESTMILL ROAD		BORING LOCATION 64+40.320		OFFSET 20.25ft LT		24 HR N/A	24 HR N/A							
COLLAR ELEV 775.10ft		TOTAL DEPTH 39.75ft		START DATE 8/15/84		COMPLETION DATE 08/15/84								
DRILL MACHINE CONSULTANT			DRILL METHOD H.S. AUGERS			HAMMER TYPE MANUAL								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-A, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75	100				
775.10	0.50	4	5	6	1.0	Ground Surface								
	3.50	7	9	11	1.0	X 11					SS-1	M		STIFF RED MICACEOUS FINE SANDY SILTY CLAY
770.00	6.00	12	12	14	1.0	X 20								MEDIUM DENSE RED TO TAN MICACEOUS SILTY COARSE TO FINE SAND WITH ROCK FRAGMENTS
	8.50	6	8	10	1.0	X 26								
	13.50	5	5	9	1.0	X 18								MEDIM DENSE RED, TAN, BROWN TO GOLD, MICACEOUS SILTY FINE SAND
760.00	18.50	16	10	10	1.0	X 14								
	23.50	4	6	8	1.0	X 20								
750.00	28.50	7	36	38	1.0	X 14					SS-7	M		VERY DENSE TAN AND WHITE SILTY FINE SAND
	33.50	100			0.5	X 74								WEATHERED ROCK
740.00	38.50	25	43	57	0.8	X 100								
735.35						X 100								BORING TERMINATED AT 39.75 IN WEATHERED ROCK

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SITE DESCRIPTION VESTMILL ROAD OVER I-40							GND WATER							
BORING NO EB1-B *		NORTHING 0.00		EASTING 0.00		0 HR 23.00ft	24 HR N/A							
ALIGNMENT VESTMILL ROAD		BORING LOCATION 64+34.220		OFFSET 20.25ft RT		24 HR N/A	24 HR N/A							
COLLAR ELEV 775.70ft		TOTAL DEPTH 37.50ft		START DATE 8/15/84		COMPLETION DATE 08/15/84								
DRILL MACHINE CONSULTANT			DRILL METHOD H.S. AUGERS			HAMMER TYPE MANUAL								
SURFACE WATER DEPTH			DEPTH TO ROCK 37.50ft			Log EB1-B, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75	100				
775.70	0.50	2	2	4	1.0	Ground Surface								
	3.50	4	4	6	1.0	X 6								0-8' RESIDUAL, MEDIUM STIFF RED, FINE SANDY SILTY CLAY.
770.00	6.00	4	3	7	1.0	X 10								
	8.50	3	4	6	1.0	X 10								
	13.50	8	17	10	1.0	X 10								8'-11.5' RESIDUAL, MEDIUM DENSE TAN AND BROWN GOLD MICACEOUS VERY SILTY FINE SAND
760.00	18.50	5	5	7	1.0	X 27					SS-5	M		11.5' - 16.5' RESIDUAL MEDIUM DENSE TAN AND WHITE SILTY COARSE TO FINE SAND.
	23.50	4	15	37	1.0	X 12								16.5' - 21.5' RESIDUAL MEDIUM DENSE TAN AND BROWN TO GOLD MICACEOUS VERY SILTY FINE SAND.
750.00	28.50	6	4	6	1.0	X 52								21.5' - 33 RESIDUAL VERY DENSE TO MEDIUM DENSE WHITE TO GREY FINE SAND DRILL CUTTINGS.
	33.50	100			0.1	X 10								
740.00	37.50	100			0.0	X 100								33-37.5 WEATHERED ROCK, INCREASING IN HARDNESS TO REFUSAL AT BASE.
738.20						X 100								BORING TERMINATED AT AUGER REFUSAL 37.5'