

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.1621301		ID. I-2102		COUNTY FORSYTH		GEOLOGIST TODD R.W.								
SITE DESCRIPTION RETAINING WALL 1 @ I-40/SR 1101 INTERCHANGE							GROUND WATER							
BORING NO. B-3		BORING LOCATION 5+00.00		OFFSET 24.00		ALIGNMENT REVC								
COLLAR ELEVATION 782.65		NORTHING 829408.6189		EASTING 1583379.5280		24 HR. DRY 17.0								
TOTAL DEPTH 19.1		DRILL MACHINE CME-550		DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC								
START DATE 5/14/03		COMPLETION DATE 5/14/03		SURFACE WATER DEPTH		DEPTH TO ROCK 19.1								
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75					100
782.66														(RESIDUAL) RED-BRN STIFF MED. PLASTIC (PI=16) F. SANDY SILTY CLAY
780.00	4.5	1	4	6	1	X-10					SS-5 MS-5	M 40.2		
775.00	9.5	4	4	3	1	X-7					SS-6 MS-6	M 41.0		BRN-TAN-WHITE W/BLK. STREAKS MED. STIFF TO SOFT CLAYEY F. SANDY SILT
770.00	14.5	1	1	1	1	X-2					SS-7 MS-7	M 57.1		
765.00														
760.00														
755.00														
750.00														
745.00														
740.00														
735.00														
730.00														
725.00														
720.00														
715.00														
710.00														
705.00														

NOTE: COLLAR ELEVATION
TAKEN FROM .DTM GROUND
SURFACE

AUGER REFUSAL AT ELEV.
763.55 ON HARD ROCK

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.1621301		ID. I-2102		COUNTY FORSYTH		GEOLOGIST TODD R.W.								
SITE DESCRIPTION RETAINING WALL 1 @ I-40/SR 1101 INTERCHANGE							GROUND WATER							
BORING NO. B-4		BORING LOCATION 5+50.00		OFFSET 20.00		ALIGNMENT REVC								
COLLAR ELEVATION 782.82		NORTHING 829433.7156		EASTING 1583422.6406		24 HR. DRY 18.0								
TOTAL DEPTH 21.2		DRILL MACHINE CME-550		DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC								
START DATE 5/14/03		COMPLETION DATE 5/14/03		SURFACE WATER DEPTH		DEPTH TO ROCK 21.2								
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75					100
782.83														(RESIDUAL) RED-BRN-TAN SOFT TO STIFF MIC. F. SANDY SILTY CLAY (REF. SS-1, POSSIBLE HIGH PLASTIC, PI=27)
780.00	4.8	1	1	3	1	X-4						M		
775.00	9.8	1	4	7	1	X-11						M		
770.00	14.8	4	5	7	1	X-12						SS-12 MS-12	M 36.9	BRN-TAN-WHITE-BLACK MED. DENSE SILTY SAND
765.00	19.8	100			0.4									WEATHERED ROCK
760.00														
755.00														
750.00														
745.00														
740.00														
735.00														
730.00														
725.00														
720.00														
715.00														
710.00														
705.00														

NOTE: COLLAR ELEVATION
TAKEN FROM .DTM GROUND
SURFACE

AUGER REFUSAL AT ELEV.
761.62 ON HARD ROCK