

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2801601		ID. B-3828		COUNTY CLEVELAND		GEOLOGIST ROGERS J.P.										
SITE DESCRIPTION BRIDGE NO. 233 ON SR 1906 OVER BUFFALO CREEK							GROUND WATER									
BORING NO. B1-B		BORING LOCATION 14+52.00		OFFSET 15.00		ALIGNMENT L										
COLLAR ELEVATION 786.84		NORTHING 600401.2949		EASTING 1260364.7784		0 HR.										
TOTAL DEPTH 46.7		DRILL MACHINE CME-550		DRILL METHOD NWCASTRI-CONE		HAMMER TYPE AUTOMATIC										
START DATE 22503		COMPLETION DATE 22503		SURFACE WATER DEPTH		DEPTH TO ROCK 44.7										
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						
786.84																
785.00	3.6	Ø	1	1	1	X-2										(ALLUVIUM) GRAY V. LOOSE TO LOOSE WET CSE. & F. SAND
780.00	8.6	1	4	4	1	X-8										
775.00	13.6	Ø	1	1	1	X-2										
770.00	18.6	2	1	3	1	X-4										(RESIDUAL) TAN-GRAY SOFT TO MED. STIFF WET F. SANDY SILT
765.00	23.6	1	2	2	1	X-4										
760.00	29.7	13	15	7	1	X-22										TAN MED. DENSE TO DENSE WET SILTY F. SAND
755.00	34.7	14	18	21	1	X-39										
750.00	39.7	25	40	60	0.8											WEATHERED ROCK
745.00	44.7	100			0											CRYSTALLINE ROCK
740.00	46.7	100			0											
735.00																
730.00																
725.00																
720.00																
715.00																
710.00																TERMINATED BORING AT ELEV. 740.14 IN CRYSTALLINE ROCK