



NCDOT GEOTECHNICAL ENGINEERING UNIT

BORELOG REPORT

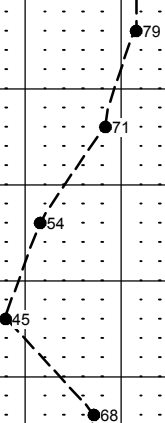
PROJECT NO. 36597.1.1	ID. I-4744	COUNTY Wake	GEOLOGIST D. Racey
SITE DESCRIPTION I-40 Widening from W. of Wade Ave. to E. of Jones Franklin Rd.			GROUND WTR (ft)
BORING NO. B1-A EBL	STATION 270+84	OFFSET 18ft RT	ALIGNMENT -LREV-
COLLAR ELEV. 427.5 ft	TOTAL DEPTH 103.5 ft	NORTHING 734,136	EASTING 2,078,358
DRILL MACHINE CME 550	DRILL METHOD 2.25" ID HSA	HAMMER TYPE Automatic	
START DATE 05/27/09	COMP. DATE 05/27/09	SURFACE WATER DEPTH N/A	DEPTH TO ROCK 93.5 ft

ELEV (ft)	DRIVE ELEV (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	LOG	SOIL AND ROCK DESCRIPTION		
			0.5ft	0.5ft	0.5ft	0	25	50	75	100				ELEV. (ft)	DEPTH (ft)	
430																
425														427.5	GROUND SURFACE	0.0
														427.8	ASPHALT	0.5
															RESIDUAL	
															Red-brown, silty CLAY (A-7-5).	
410														410.5	Red-orange, clayey SILT (A-5), with quartz fragments.	17.0
400														400.5	Tan, brown, gray & orange, fine to coarse sandy SILT (A-4), micaceous, saprolitic, with quartz fragments.	27.0
375	374.0	53.5	10	26	53											
370	369.0	58.5	27	32	39											
365	364.0	63.5	17	23	31											
360	359.0	68.5	19	19	26											
355	354.0	73.5	10	33	35											
350																

NCDOT BORE SINGLE 66L-0104.GPJ NC_DOT.GDT 5/29/09



M
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W





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			0.5ft	0.5ft	0.5ft	0	25	50	75	100				ELEV. (ft)	DEPTH (ft)	
350						Match Line										
	349.0	78.5	19	39	26											
345																
	344.0	83.5	39	61/0.4'						100/0.9'					344.0	83.5
340																
	339.0	88.5								100/0.3'						
335																
	334.0	93.5													334.0	93.5
330																
	329.0	98.5														
325																
	324.0	103.5													324.0	103.5
320																
315																
310																
305																
300																
295																
290																
285																
280																
275																
270																

NOTES:
 1) Augered to 53.5', began split spoon sampling.
 2) Elevation obtained from original boring.

 Driller noted zones of softer & harder drilling from a depth of approx. 83.5'-93.5'.

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