

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1650401		ID B-1019		COUNTY ANSON		GEOLOGIST J.K. STICKNEY								
SITE DESCRIPTION REPLACE BRIDGE #56 ON US 52 OVER WINSTON-SALEM SOUTHBOUND RR							GND WATER							
BORING NO EB1-A		NORTHING 0.00		EASTING 0.00		0 HR 1.10m								
ALIGNMENT L		BORING LOCATION 14+57.000		OFFSET 2.70m LT		24 HR 1.30m								
COLLAR ELEV 87.36m		TOTAL DEPTH 7.70m		START DATE 2/15/02		COMPLETION DATE 02/15/02								
DRILL MACHINE CME-550			DRILL METHOD NW CASING ADVANCER			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-A, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
87.36														
87.00														
	1.50	6	8	15	0.30							SS-4	MOIST	RESIDUAL - VERY STIFF RED-BROWN SILTY CLAY
	3.02	14	22	46	0.30							SS-5	DRY	HARD RED-BROWN SANDY SILTY CLAY
	4.47	12	22	26	0.30								DRY	
	5.99	29	47	53	0.26									
	7.52	71	29		0.19									WEATHERED ROCK (SANDY SILT)
BORING TERMINATED AT ELEVATION 79.663 METERS IN WEATHERED ROCK (SANDY SILT)														

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SITE DESCRIPTION REPLACE BRIDGE #56 ON US 52 OVER WINSTON-SALEM SOUTHBOUND RR							GND WATER							
BORING NO EB1-B		NORTHING 0.00		EASTING 0.00		0 HR 0.10m								
ALIGNMENT L		BORING LOCATION 14+55.000		OFFSET 3.50m RT		24 HR 1.30m								
COLLAR ELEV 87.11m		TOTAL DEPTH 7.90m		START DATE 2/15/02		COMPLETION DATE 02/15/02								
DRILL MACHINE CME-550			DRILL METHOD NW CASING ADVANCER			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log EB1-B, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
87.11														
	1.47	13	17	26	0.30									RESIDUAL - VERY STIFF TO HARD RED-BROWN SILTY CLAY
	2.89	14	21	31	0.30									HARD RED-BROWN SANDY SILTY CLAY
	4.41	12	24	38	0.30									
	5.94	19	44	51	0.30									
	7.46	30	50	50	0.22									WEATHERED ROCK (SANDY SILT)
BORING TERMINATED AT ELEVATION 79.208 METERS IN WEATHERED ROCK (SANDY SILT)														