

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 34517.1.1		ID R-2911A		COUNTY IREDELL		GEOLOGIST J.K. STICKNEY								
SITE DESCRIPTION DUAL STRUCTURES OVER SR 2527 ON US 70 AT STA. 41+59.472 -L-							GND WATER							
BORING NO EB1-A(RT.LN.)		NORTHING 0.00		EASTING 0.00		0 HR 5.76m								
ALIGNMENT L		BORING LOCATION 41+37.500		OFFSET 4.10m RT		24 HR 6.33m								
COLLAR ELEV 256.06m		TOTAL DEPTH 17.86m		START DATE 9/18/03		COMPLETION DATE 09/18/03								
DRILL MACHINE CME-550			DRILL METHOD NWCAS/TRI-CONE			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-A(RT.LN.), Page 1 of 2								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm					SAMPLE NO	LOG MOI	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
256.06														Ground Surface
255.00	1.55	2	2	3	0.30							5	SS-6	(ARTIFICIAL FILL) RED-ORANGE MED. STIFF MIC. MED. PLASTIC (PI=22) SILTY F. SANDY CLAY (A-7-5)
253.00	3.07	1	2	2	0.30							4	SS-7	(RESIDUAL) RED-ORANGE-YELLOW TO TAN-BLACK-WHITE SOFT MIC. CLAYEY F. SANDY SILT (A-5)
251.00	4.59	1	1	2	0.30							3		
249.00	6.11	1	1	2	0.30							3		
247.00	7.63	1	1	3	0.30							4	SS-8	
245.00	9.15	1	1	2	0.30							3		
243.00	10.67	2	2	5	0.30							7	SS-9	BLACK-WHITE MED. STIFF TO HARD MIC. CLAYEY F. SANDY SILT (A-4)
241.00	12.19	4	8	12	0.30							20		
239.00	13.71	14	22	37	0.30							59		
	15.23	31	63	37	0.21							100		WEATHERED ROCK
	16.15	49	51	0.23								100		
														Continued on the next page.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 34517.1.1		ID R-2911A		COUNTY IREDELL		GEOLOGIST J.K. STICKNEY								
SITE DESCRIPTION DUAL STRUCTURES OVER SR 2527 ON US 70 AT STA. 41+59.472 -L-							GND WATER							
BORING NO EB1-A(RT.LN.)		NORTHING 0.00		EASTING 0.00		0 HR 5.76m								
ALIGNMENT L		BORING LOCATION 41+37.500		OFFSET 4.10m RT		24 HR 6.33m								
COLLAR ELEV 256.06m		TOTAL DEPTH 17.86m		START DATE 9/18/03		COMPLETION DATE 09/18/03								
DRILL MACHINE CME-550			DRILL METHOD NWCAS/TRI-CONE			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-A(RT.LN.), Page 2 of 2								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm					SAMPLE NO	LOG MOI	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
239.00														
238.20	17.67	65	35	0.19										WEATHERED ROCK
														BORING TERMINATED AT ELEV. 238.196 IN WEATHERED ROCK