

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-B(RT.LN.)		NORTHING 0.00		EASTING 0.00		0 HR 3.11m									
ALIGNMENT L		BORING LOCATION 41+38.000		OFFSET 15.90m RT		24 HR 7.22m									
COLLAR ELEV 256.92m		TOTAL DEPTH 22.16m		START DATE 9/23/03		COMPLETION DATE 09/23/03									
DRILL MACHINE CME-550			DRILL METHOD NWCAS/TRI-CONE			HAMMER TYPE AUTOMATIC									
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-B(RT.LN.), Page 1 of 2									
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm					SAMPLE NO	LOG MOI	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100					
256.92															Ground Surface
256.00	1.61	2	3	6	0.30										(ARTIFICIAL FILL) RED-ORANGE STIFF MIC. MED. PLASTIC SILTY F. SANDY CLAY (A-7-5)
254.00	3.13	1	2	2	0.30										(RESIDUAL) TAN-BRN SOFT MIC. CLAYEY F. SANDY SILT (A-5)
252.00	4.65	1	1	2	0.30										
250.00	6.17	1	2	3	0.30										
248.00	7.69	1	1	2	0.30										
246.00	10.73	1	2	3	0.30										TAN-BLACK-WHITE TO BLACK-WHITE MED. STIFF TO HARD MIC. CLAYEY F. SANDY SILT (A-4)
244.00	12.25	1	3	5	0.30										
242.00	13.77	3	6	8	0.30										
240.00	15.29	9	14	22	0.30										
239.00	16.81	13	24	35	0.30										
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SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-B(RT.LN.), Page 2 of 2									
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm					SAMPLE NO	LOG MOI	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100					
239.00															
238.00	18.67	9	14	30	0.30										TAN-BLACK-WHITE TO BLACK-WHITE MED. STIFF TO HARD MIC. CLAYEY F. SANDY SILT (A-4)
236.00	20.19	12	19	31	0.30										
234.76	21.71	15	33	39	0.30										
															TERMINATED BORING AT ELEV. 234.756 IN HARD MIC. CLAYEY F. SANDY SILT