

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG

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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 EB2-B(LT.LN.)		NORTHING 0.00		EASTING 0.00		0 HR 4.44m						
ALIGNMENT L		BORING LOCATION 41+79.000		OFFSET 4.50m LT		24 HR 5.79m						
COLLAR ELEV 253.99m		TOTAL DEPTH 24.57m		START DATE 9/26/03		COMPLETION DATE 09/26/03						
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH N/A			DEPTH TO ROCK 24.54m			Log EB2-B(LT.LN.), Page 1 of 2						
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
253.99												Ground Surface
253.00	1.74	4	7	9	0.30							(ARTIFICIAL FILL) GRAY-BRN V. STIFF MED. PLASTIC SILTY F. SANDY CLAY (A-7-6)
251.00	3.26	1	2	2	0.30							(RESIDUAL) TAN-BRN-ORANGE TO BRN-WHITE-GRAY V. SOFT TO STIFF MIC. F. SANDY CLAYEY SILT (A-5)
249.00	4.78	1	1	1	0.30							
247.00	6.30	1	1	2	0.30							
245.00	7.82	1	1	2	0.30							
243.00	9.34	1	1	2	0.30							
241.00	10.86	1	2	2	0.30							
239.00	12.38	1	1	2	0.30							
237.00	13.90	1	2	3	0.30							
236.00	15.42	2	3	7	0.30							
	16.94	2	4	7	0.30							
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SURFACE WATER DEPTH N/A			DEPTH TO ROCK 24.54m			Log EB2-B(LT.LN.), Page 2 of 2						
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
236.00	18.46	6	6	10	0.30							(RESIDUAL) TAN-BRN-ORANGE TO BRN-WHITE-GRAY V. SOFT TO STIFF MIC. F. SANDY CLAYEY SILT (A-5)
235.00	19.98	12	21	32	0.30							TAN-GRAY-WHITE MED. DENSE TO V. DENSE MIC. SILTY F. & CSE. SAND (A-2-4)
233.00	21.50	25	30	41	0.30							
231.00	23.02	37	44	53	0.30							
229.42	24.54	100			0.03							WEATHERED ROCK
												BORING TERMINATED AT ELEV. 229.42 IN CRYSTALLINE ROCK