

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 34517.1.1		ID R-2911A		COUNTY IREDELL		GEOLOGIST C.E. BURRIS							
SITE DESCRIPTION DUAL STRUCTURES OVER SR 2527 ON US 70 AT STA. 41+59.472 -L-							GND WATER						
BORING NO EB2-A(LT.LN.)		NORTHING 0.00		EASTING 0.00		0 HR 7.93m							
ALIGNMENT L		BORING LOCATION 41+77.000		OFFSET 15.10m LT		24 HR 5.94m							
COLLAR ELEV 253.94m		TOTAL DEPTH 22.70m		START DATE 9/24/03		COMPLETION DATE 09/24/03							
DRILL MACHINE CME-550			DRILL METHOD NWCAS/TRI-CONE			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB2-A(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				100
253.94													Ground Surface
253.00	1.85	3	5	7	0.30								(ARTIFICIAL FILL) GRAY-BRN STIFF MED. PLASTIC (PI=24) SILTY F. SANDY CLAY (A-7-6)
251.00	3.37	1	2	3	0.30								(RESIDUAL) BRN-TAN-GRAY & BRN-TAN-GRAY-WHITE-RED V. SOFT TO V. STIFF MIC. CLAYEY F. SANDY SILT (A-5)
249.00	4.89	1	1	1	0.30								
247.00	6.41	1	1	1	0.30								
245.00	7.93	1	1	1	0.30								
243.00	10.97	1	1	2	0.30								
241.00	12.49	1	2	2	0.30								
239.00	15.53	2	3	6	0.30								
237.00	17.05	2	3	6	0.30								
236.00													

Continued on the next page.

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SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB2-A(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				100
236.00	18.28	6	8	15	0.30								(RESIDUAL) BRN-TAN-GRAY & BRN-TAN-GRAY-WHITE-RED V. SOFT TO V. STIFF MIC. CLAYEY F. SANDY SILT (A-5)
235.00	19.80	18	34	36	0.30								TAN-GRAY-WHITE V. DENSE MIC. SILTY CSE. & F. SAND (A-2-4)
233.00	21.32	26	40	60	0.30								WEATHERED ROCK
231.24													TERMINATED BORING AT ELEV. 231.236 IN WEATHERED ROCK