



PROJECT NO. 8.1631801		ID. R-2911A		COUNTY Iredell		GEOLOGIST H. Hodgman									
SITE DESCRIPTION Dual Bridges on -L- (US 70) Over -Y5A-, -Y5-, and -Y5B- (NSRR)						GROUND WATER (m)									
BORING NO. EB1-B RT		BORING LOCATION 39+17.7		OFFSET 15.0m RT		ALIGNMENT -L-									
COLLAR ELEV. 259.15 m		NORTHING 223624.47		EASTING 447281.55		0 HR. NM									
TOTAL DEPTH 19.37 m		DRILL MACHINE Mobile B-57		DRILL METHOD Wash Rotary		HAMMER TYPE 63.5 kg Manual									
DATE STARTED 11/20/02		COMPLETED 11/20/02		SURFACE WATER DEPTH NA											
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION			
		15cm	15cm	15cm	0	20	40	60	80				100		
259.15													259.15	0.00	
258.85	0.30	7	10	11											RESIDUAL: Very Stiff to Stiff Red Silty Coarse to Fine Sandy CLAY with Some Mica
258.08	1.07	4	8	11											
257.32	1.83	4	7	7											
256.56	2.59	3	5	6											Stiff to Very Stiff Black, Red, and Tan Clayey Coarse to Fine Sandy SILT with Some Mica
255.04	4.11	3	6	8											
253.51	5.64	3	6	10											
251.99	7.16	4	6	8											
250.46	8.69	3	5	8											Medium Dense Black, Tan, and Gold Clayey Silty Coarse to Fine SAND
248.94	10.21	3	5	7											
247.42	11.73	3	5	8											
245.90	13.25	3	5	8											
244.37	14.78	13	21	27											
242.84	16.31	50/7													WEATHERED ROCK: Black, Gold and White Biotite Gneiss
241.32	17.83	100/15													

NCDOT BORE SINGLE 07102019.GPJ NC DOT.GDT 1/16/03



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		15cm	15cm	15cm	0	20	40	60	80				100		
240.15															Continued from previous page
239.80	19.35	50/2													Boring Terminated with SPT Refusal at Elevation 239.78m on Crystalline Rock: Biotite Gneiss

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Avg. drilling fluid density = ±1.04 grams per cu cm with tap water alone used as drilling fluid