



N.C.D.O.T. GEOTECHNICAL UNIT
BORING LOG

SHEET 1 OF 2

PROJECT NO. 8.1631801		ID. R-2911A		COUNTY Iredell		GEOLOGIST G. Licayan/H. Hodgman									
SITE DESCRIPTION Dual Bridges on -L- (US 70) Over -Y5A-, -Y5-, and -Y5B- (NSRR)						GROUND WATER (m)									
BORING NO. EB2-A RT		BORING LOCATION 40+06.0		OFFSET 3.4m RT		ALIGNMENT -L-									
COLLAR ELEV. 256.74 m		NORTHING 223618.16		EASTING 447370.40		0 HR. NM									
TOTAL DEPTH 19.81 m		DRILL MACHINE CME 55		DRILL METHOD Wash Rotary		HAMMER TYPE 63.5 kg Manual									
DATE STARTED 12/20/02		COMPLETED 12/20/02		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		
256.74													256.74	0.00	
256.44	0.30	10	8	10											RESIDUAL: Stiff to Very Stiff Black, Tan, and Red Clayey Coarse to Fine SANDY SILT with a Little Mica
255.67	1.07	9	11	17											
254.91	1.83	7	10	11											
254.15	2.59	5	6	9											
252.62	4.12	4	6	9											
251.10	5.64	5	6	10											
249.58	7.16	5	6	9											
248.05	8.69	5	7	9											
246.53	10.21	4	8	12											
245.01	11.73	5	9	12											
243.48	13.26	7	9	14											
241.96	14.78	4	7	12											
240.43	16.31	9	13	21											
238.91	17.83	7	12	22											

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N.C.D.O.T. GEOTECHNICAL UNIT
BORING LOG

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SHEET 2 OF 2

PROJECT NO. 8.1631801		ID. R-2911A		COUNTY Iredell		GEOLOGIST G. Licayan/H. Hodgman									
SITE DESCRIPTION Dual Bridges on -L- (US 70) Over -Y5A-, -Y5-, and -Y5B- (NSRR)						GROUND WATER (m)									
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DATE STARTED 12/20/02		COMPLETED 12/20/02		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		
237.74															
237.38	19.36	17	29	40											

Continued from previous page

236.93
Dense to Very Dense Gold, White, and Tan Silty Coarse to Fine SAND with Some Mica (continued)
Boring Terminated at Elevation 236.93m in Residual Soil

19.81

240.94 15.80
Dense to Very Dense Gold, White, and Tan Silty Coarse to Fine SAND with Some Mica

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

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