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

SHEET 1 OF 2

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. EB2-A LT	BORING LOCATION 40+02.9	OFFSET 15.0m LT	ALIGNMENT -L-	0 HR. NM
COLLAR ELEV. 256.71 m	NORTHING 223636.88	EASTING 447370.99	24 HR. 6.58
TOTAL DEPTH 19.81 m	DRILL MACHINE CME 55	DRILL METHOD Wash Rotary	HAMMER TYPE 63.5 kg Manual
DATE STARTED 12/23/02	COMPLETED 12/23/02	SURFACE WATER DEPTH NA	

ELEV. (m)	DEPTH (m)	BLOW COUNT 15cm	15cm	15cm	BLOWS PER 30 CM 0 20 40 60 80 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
256.71									256.71 0.00
256.41	0.30								RESIDUAL: Stiff to Very Stiff Black, Red, and Tan Clayey Fine to Coarse Sandy SILT
		6	8	10	18	SS-8	23.9%		
255.64	1.07								
		7	8	11	19	SS-9	31.6%		
254.88	1.83								
		5	8	10	18		M		
254.12	2.59								254.41 2.30
		5	5	8	13		M		Stiff Black, Red, and Tan Silty Coarse to Fine Sandy CLAY
						ST-3	41.0%		
252.59	4.12								
		4	5	8	13		M		252.11 4.60
251.07	5.64								Stiff to Very Stiff Black, Red, Tan, and Brown Clayey Coarse to Fine Sandy SILT
		4	5	9	14		M		
249.55	7.16								
		3	6	7	13		W		
248.02	8.69								
		4	6	8	14		W		
246.50	10.21								
		3	5	9	14		W		
244.98	11.73								
		3	5	10	15	SS-10	47.1%		
243.45	13.26								
		4	6	10	16		W		
241.93	14.78								
		5	9	13	22		W		
240.40	16.31								240.71 16.00
		7	12	20	32		W		Dense to Very Dense White, Tan, and Brown Silty Coarse to Fine SAND with a Little Mica
238.88	17.83								
		9	16	28	44		W		

NCDOT BORE SINGLE 07102019.GPJ NC_DOT.GDT 2/12/03

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

Sheet 23 of 48

SHEET 2 OF 2

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. EB2-A LT	BORING LOCATION 40+02.9	OFFSET 15.0m LT	ALIGNMENT -L-	0 HR. NM
COLLAR ELEV. 256.71 m	NORTHING 223636.88	EASTING 447370.99	24 HR. 6.58
TOTAL DEPTH 19.81 m	DRILL MACHINE CME 55	DRILL METHOD Wash Rotary	HAMMER TYPE 63.5 kg Manual
DATE STARTED 12/23/02	COMPLETED 12/23/02	SURFACE WATER DEPTH NA	

ELEV. (m)	DEPTH (m)	BLOW COUNT 15cm	15cm	15cm	BLOWS PER 30 CM 0 20 40 60 80 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
237.71					Continued from previous page				
237.35	19.36								
		13	22	31	53		W		Dense to Very Dense White, Tan, and Brown Silty Coarse to Fine SAND with a Little Mica *(continued)* 19.81
									236.90 Boring Terminated at Elevation 236.90m in Residual Soil

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

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