

SPRINGFIELD BRS-RS-0113(8)
BORING NO. B-8

ELEV.	DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
32.11							0.0-0.5 PAVEMENT 0.5-2.0 GRAVEL 2.0-3.0 CONCRETE
	5			17			NR, GRAVEL
	10			8	M	BRN	A-4, SANDY SILT, REC=L2 W=24.8%
	15			R	M	BRN	A-4, SILTY SAND, REC=0.4 W=20.0%
ABUT #2 BOT. FTG. ELEV. 300.0	20			7	MTW	BRN	A-1-b, SANDY GRAVEL, REC=0.2 W=13.8%
	25			13	M	BRN	A-4, SANDY SILT, REC=0.7 W=19.4%
	30			8	M	DK BRN	A-4, SILTY SAND,
	35			55			1.5' WOOD IN SAMPLER
	40						NO SAMPLE-WOOD
	45			25			NR
	50			10	W	BRN	A-4, GRAVELLY SILT, REC=L5 W=28.8%
	55			11	M	GRY	A-4, SILTY SAND, REC=L7 W=29.4%
	60			45			NR
	65			12	M	GRY	A-4, SILT, REC=L5 W=31.0%
	70			17	W	GRY	A-4, SANDY SILT, REC=L5 W=32.4%
	75			13	W	GRY	A-4, SANDY SILT, REC=L7 W=27.6%
	80			25	W	GRY	A-4, SANDY SILT, REC=L6 W=27.6%
	85			18	W	GRY	A-4, SANDY SILT, REC=L5 W=24.4%
	90			17	W	GRY	A-4, SILT, REC=0.4 W=28.6%

ESTIMATED PILE LENGTH = 75'-0"

SPRINGFIELD BRS-RS-0113(8)
BORING NO. B-8

DEPTH	LABORATORY CLASSIFICATION OF SOIL
95	TOP OF BEDROCK @ 95.0
95.0-98.0	RUN #1 BXMDC 95.0-98.0 REC=2.0
98.0-103.0	RUN #2 BXMDC 98.0-103.0 REC=3.5 SEAM FROM 98.5-99.0
103-106	RUN #3 BXMDC 103-106 REC=2.3 CORE BARREL PLUGGED HOLE STOPPED @106 IN BEDROCK
	RUN REC% ROD%
	1 67% 0%
	2 70% 0%
	3 77% 14%-21%
	CORE CONSISTS OF DARK GREY PHYLITE. THE ROCK HAS MEDIUM HARDNESS, IS SLIGHTLY WEATHERED AND IS COMPETENT OVERALL. ROCK BREAKS EASILY ALONG FOLIATION PLANES RESULTING IN LOW ROD.

SPRINGFIELD BRS-RS-0113(8)
BORING NO. B-10

ELEV.	DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
294.32							8/26/94
	5			0	W	BRN	A-4, SANDY SILT, REC=L0 W=44.9%
	10			0	SAT	BRN	A-2-4, SILTY SAND, REC=2.0 W=32.2%
	15			11	W	BRN	A-3, SAND, REC=L3 W=31.8%
	20			39	W	BRN	A-4, GRAVELLY SANDY SILT, REC=0.8 W=31.5%
	25			18			NR
	30			23	W	GRY	A-4, SANDY SILT, REC=L5 W=28.9%
	35			28	W	GRY	A-4, SILT, REC=L0 W=28.7%
	40			17	W	GRY	A-4, SILT, REC=L8 W=29.1%
	45			26	W	GRY	A-4, SILT, REC=L7 W=27.8%
	50			68	W	GRY	A-4, SANDY SILT, REC=L5 W=25.3%
	55			65	MTW	GRY	A-4, SANDY SILT, REC=L8 W=20.4%
	60			43	MTW	GRY	A-4, SILTY SAND, REC=L7 W=21.8%
	65			57	MTW	GRY	A-4, SILT, REC=0.5 W=25.9%

ESTIMATED PILE LENGTH = 85'-0"

SPRINGFIELD BRS-RS-0113(8)
BORING NO. B-10

DEPTH	LABORATORY CLASSIFICATION OF SOIL
70	33 MTW GRY A-4, SILT, REC=L8 W=23.3%
75	64 W GRY A-4, SILTY SAND, REC=L3 W=13.7% BEDROCK @ 78.0
80	RUN #1 BXMDC 78.0-83.0 REC=L4
85	RUN #2 BXMDC 83.0-88.0 REC=0.8 RECOVERY POOR DUE TO CORE BARREL PLUGGINGS AND GRINDING UP CORE (VERY SOFT ROCK)
90	RUN #3 BXMDC 88.0-93.0 REC=5.0
	HOLE STOPPED @ 93.0
	RUN REC% ROD%
	1 28% 0%
	2 16% 0%
	3 100% 0%
	CORE CONSISTS OF DARK GRAY PHYLITE. THE ROCK HAS MEDIUM HARDNESS, SLIGHT WEATHERING AND IS COMPETENT OVERALL

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of	SPRINGFIELD	Bridge No.	44
Highway No.	U.S. ROUTE 5	Log Sta.	
		Surv. Sta.	
U.S. ROUTE 5 OVER BLACK RIVER			
BORING INFORMATION SHT-4			
Designed By	S. BAKI	Drawn By	K. NICHOLS/W. GAYNOR
Checked By	S. BAKI	Bridge Design Supervisor	P. PIERCE
Date	MARCH 1995	Date	5/96
PROJECT	SPRINGFIELD	PROJECT NO.	BRS-RS 0113 (8)
I.G.C. Info.	c:\usr\j9145622\sprborlg.dgn		
Bridge Sheet No.	BRI08	Sheet	37 of 90