



BORING NO. B-4

DEPTH	BLOWS ON CASING	STANDARD PENETRATION TEST NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
					LL PI
					No Sample
10	4		M	Br	A-4 Silt
	3		"	Gr	A-7-5 Clay 60 24
	3		"	Br	Muck 10.0% Organic
20	1		"	"	A-4 Silt
	3		"	"	Muck 10.0% organic
	21		W	Gr	A-4 Silt
30	34		M to W	"	No Sample
	36		"	"	A-4 Sandy Silt
40	25		"	"	A-1-b Silty Gravel
	22		W	"	A-4 Silt
	25		M	"	A-4 Silt
50	43		M to W	"	A-2-4 Silty Gravel
	40		"	"	A-4 Silt
60	27		W	"	A-4 Sandy Silt
	32		"	Br	A-2-4 Silty Gravel
	34		M	"	A-4 Sandy Silt
70	31		"	"	A-4 Sandy Silt
	16		M to W	"	No Sample
80			"	"	A-4 Gravelly Silt
	85 to U.		"	"	A-4 Sandy Silt
90					Hole Sopped @ 88.5' in sandy silt NLTD

BORING NO. B-5

DEPTH	BLOWS ON CASING	STANDARD PENETRATION TEST NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
					No Sample
10	7		W	Br	No Sample
	9		"	Gr	No Sample
	8		"	"	A-4 Silt
20	22		"	"	No Sample
	20		"	"	A-1-a Gravel
	70		"	"	No Sample
30	70		"	"	A-1-a Gravel
	20		M to W	"	A-4 Sandy Silt
	10		"	"	A-4 Silt
40	34		W	"	No Sample
	39		M	"	A-4 Sandy Silt
	44		"	"	A-4 Silt
50	70		"	"	A-1-a Gravel
	83		"	"	A-1-a Gravel
60	67		"	"	A-1-b Silty Gravel
70					Hole stopped at 61.5' in silty gravel NLTD

BORING NO. B-6

DEPTH	BLOWS ON CASING	STANDARD PENETRATION TEST NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
					LL PI
					No Sample
10	2		W	Br	A-2-4 Silty Gravel
	2		M to W	Gr	A-7-6 Clay 39 23
	4		W	"	No Sample
20	3		"	"	No Sample
	1		"	"	A-7-6 Clay 53 27
			"	"	A-6 Silty Clay 31 11
30			S	"	
	2		W	"	A-6 Silty Clay 35 13
	3		"	"	A-4 Clayey Silt 28 10
40			"	"	A-6 Silty Clay 33 12
	3		"	"	A-7-6 Clay 50 26
50	20		M to W	"	A-4 Silt
	46		M	"	No Sample
	43		M to W	"	A-1-b Silty Gravel
60			W	"	Hole scooped at 57.5' in silty gravel NLTD

GENERAL NOTES

- THE SUBSURFACE EXPLORATIONS SHOWN HEREON WERE MADE BETWEEN 5/4/82 AND 6/2/82 BY THE VERMONT AGENCY OF TRANSPORTATION.
- SOIL AND ROCK (WHERE ENCOUNTERED) CLASSIFICATION, PROPERTIES AND DESCRIPTIONS ARE BASED ON ENGINEERING INTERPRETATION OF AVAILABLE SUBSURFACE INFORMATION BY THE VERMONT AGENCY OF TRANSPORTATION AND MAY NOT NECESSARILY REFLECT ACTUAL VARIATIONS IN SUBSURFACE CONDITIONS THAT MAY BE ENCOUNTERED BETWEEN INDIVIDUAL BORING OR SAMPLE LOCATIONS.
 - OBSERVED WATER LEVELS AND/OR WATER CONDITIONS INDICATED ARE AS RECORDED AT THE TIME OF EXPLORATION AND MAY VARY ACCORDING TO THE PREVAILING RAINFALL, METHODS OF EXPLORATION AND OTHER FACTORS.
 - SOUND ENGINEERING JUDGEMENT WAS EXERCISED IN PREPARING THE SUBSURFACE INFORMATION PRESENTED HEREON. ANALYSIS AND INTERPRETATION OF SUBSURFACE DATA WAS PERFORMED AND INTENDED FOR AGENCY DESIGN AND ESTIMATE PURPOSES ONLY. PRESENTATION OF THE INFORMATION ON THE PLANS OR ELSEWHERE IS FOR THE PURPOSE OF PROVIDING INTENDED USERS WITH ACCESS TO THE SAME DATA AVAILABLE TO THE AGENCY. THE SUBSURFACE INFORMATION IS PRESENTED IN GOOD FAITH AND IS NOT INTENDED AS A SUBSTITUTE FOR PERSONAL INVESTIGATION, INDEPENDENT INTERPRETATIONS, INDEPENDENT ANALYSIS OR JUDGEMENT OF THE CONTRACTOR.
 - PICTORIAL STRUCTURE DETAILS SHOWN HEREON ARE FOR ILLUSTRATIVE PURPOSES ONLY AND MAY NOT BE INDICATIVE OF THE FINAL DESIGN CONDITIONS SHOWN IN THE CONTRACT PLANS.

STATE OF VERMONT	
AGENCY OF TRANSPORTATION	
TOWN OF <i>HIGHGATE</i>	Bridge No. <i>182</i>
HIGHWAY NO. <i>U.S. RTE. #7</i>	Log Sta. <i>225+52.0</i>
<i>U.S. RTE #7 OVER ROCK RIVER</i>	
<i>BORING LOGS</i>	
Designed by <i>B.V. SPILAK</i>	Drawn by <i>M. GARCIA</i>
Checked by <i>A. ELWOOD</i> date <i>10/83</i>	Bridge Design Supervisor <i>R.S. HAURT</i> date
PROJECT <i>HIGHGATE</i>	PROJECT NO. <i>BR5 0285(1)5</i>
Bridge Sheet No. <i>BR 103</i>	Sheet <i>10</i> of <i>64</i>