

H&A OF NEW YORK, ROCHESTER, NEW YORK Consulting Geotechnical Engineers, Geologists and Hydrogeologists				TEST BORING REPORT				BORING NO. B1-94				
PROJECT: LIME KILN BRIDGE CLIENT: DONALD L. HAMLIN CONSULTING ENGINEERS, INC. CONTRACTOR: GREEN MOUNTAIN BORING COMPANY, INC.								FILE NO. 70446-00 SHEET NO. 1 OF 1 LOCATION: See Plan				
ITEM		CASING	DRIVE SAMPLER	CORE BARREL	DRILLING EQUIPMENT & PROCEDURES				ELEVATION: 259 +/-			
TYPE		Auger	SS	---	RIG TYPE: Mobil Drill Truck Mounted				DATUM: NGVD			
INSIDE DIAMETER (IN)		3-1/4	1-3/8	---					START: 14 Dec. 1993			
HAMMER WEIGHT (LB)		---	140	---					FINISH: 14 Dec. 1993			
HAMMER FALL (IN)		---	30	---					DRILLER: G. Stables			
								H&A REP: E. Reckentine				
DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	STRATA CHANGE (FT)	VISUAL CLASSIFICATION AND REMARKS						
	2		S1	0.0		Stiff brown clayey SILT, little medium to fine SAND, trace organic material, moist.						
	5											
	4		8"/24"	2.0								
	3		S2	2.0		Stiff brown gravelly SILT, some clay, little medium to fine sand, moist.						
	2											
	3		6"/24"	4.0								
	5											
	8		S3	4.0		Stiff brown clayey SILT, little medium to fine SAND, wit' cobbles, moist.						
	10											
	8		6"/24"	6.0		-LACUSTRINE-						
	5											
	6		S4A,B	6.0	7.3	Stiff brown clayey SILT, trace organic material, wet.						
	2											
	11		18"/24"	7.9		Very dense gray GRAVEL, horizontally bedded, moist.						
	100/5											
Apparent Top of Rock at 7.3 ft. Bottom of Boring at 7.9 ft.												
WATER LEVEL DATA				SAMPLE IDENTIFICATION				SUMMARY				
DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO:			O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon	OVERBURDEN (LIN FT): 7.3					
			BOTTOM OF CASING	BOTTOM OF HOLE	WATER		ROCK CORED (LIN FT): ---					
						SAMPLES: 4S						
						BORING NO. B1						

H&A OF NEW YORK, ROCHESTER, NEW YORK Consulting Geotechnical Engineers, Geologists and Hydrogeologists				TEST BORING REPORT				BORING NO. B3-94				
PROJECT: LIME KILN BRIDGE CLIENT: DONALD L. HAMLIN CONSULTING ENGINEERS, INC. CONTRACTOR: GREEN MOUNTAIN BORING COMPANY, INC.								FILE NO. 70446-00 SHEET NO. 1 OF 1 LOCATION: See Plan				
ITEM		CASING	DRIVE SAMPLER	CORE BARREL	DRILLING EQUIPMENT & PROCEDURES				ELEVATION: 259 +/-			
TYPE		Auger	SS	---	RIG TYPE: Mobil Drill Truck Mounted				DATUM: NGVD			
INSIDE DIAMETER (IN)		3-1/4	1-3/8	---					START: 14 Dec. 1993			
HAMMER WEIGHT (LB)		---	140	---					FINISH: 14 Dec. 1993			
HAMMER FALL (IN)		---	30	---					DRILLER: G. Stables			
								H&A REP: E. Reckentine				
DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	STRATA CHANGE (FT)	VISUAL CLASSIFICATION AND REMARKS						
	2		S1	0.0		Very loose brown, red, white brick and concrete fragments.						
	1											
	2		6"/24"	2.0		-FILL-						
	3		S2	2.0	2.0	Medium dense brown fine SAND, little fine gravel, trace coarse to medium sand and silt, moist.						
	4											
	7		18"/24"	4.0								
	5											
	9		S3	4.0		Medium dense brown coarse to fine sandy SILT, trace clay, moist.						
	100/5		12"/17"	5.4	5.0	-DELTAIC-						
						Very dense gray angular gravel. Apparent Top of Rock						
						Auger and Split Spoon Refusal at 5.4 ft. Apparent Top of Rock at 5.4 ft. Bottom of Boring at 5.4 ft.						
WATER LEVEL DATA				SAMPLE IDENTIFICATION				SUMMARY				
DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO:			O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon	OVERBURDEN (LIN FT): 5.4					
			BOTTOM OF CASING	BOTTOM OF HOLE	WATER		ROCK CORED (LIN FT): ---					
						SAMPLES: 3S						
						BORING NO. B3						

NOTE:
THE SUBSURFACE EXPLORATIONS SHOWN ON THIS SHEET ARE IN ENGLISH UNITS AS RECORDED BY H&A OF NEW YORK IN 1993.

STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of COLCHESTER-SOUTH BURLINGTON	Bridge No. 6
Highway No. TH 4/3	Log Sta.
	Surv. Sta.
TH 4/3 OVER WINOOSKI RIVER & N.E.C.R.	
BORING LOGS (1 OF 9)	
Designed By H&A OF NEW YORK	Drawn By M.M. LANDREY
Checked By M.A. COLGAN	Date 4/05
	Bridge Design Supervisor S.M. GUNN
	Date 4/05
PROJECT COLCHESTER-SOUTH BURLINGTON	PROJECT NO. BRM 5600 (6) S C/2
I.G.C. Info.	
Bridge Sheet No. ZD139LGI	Sheet 37 of 124

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (92)

VHB Vanasse Hangen Brustlin, Inc.