

BORING LOG		Boring No.: B-3													
Project Name		Page No.: 1 of 4													
Chester Bridge BRFO16-1(25)		File No.: 750-05.2													
Chester, VT		Checked By: JAG													
P.O. Box 699 Windsor, VT 05089 Phone: 802-674-2033/Fax: 802-674-5943		1233 Shelburne Rd., Suite E-1 So. Burlington, VT 05403 Phone: 802-652-5140													
Boring Company: SJB Services Inc. Foreman: Steve Wolkiewicz GeoDesign Rep.: Jacob Wimet Date Started: May 1, 2007 Date Finished: May 3, 2007 N. Coordinate: 276171.778 E. Coordinate: 1592834.2373 Ground Surface Elevation (feet): 938.5 Station: 15+19 Offset: 21 ft LT		Casing: H.S.A. SS L.D.: 4.25 in. 1.38 in. Sampler: SS Date: 5/1/07 Depth (ft): 15.0 Elev. (ft): 923.5 Notes: Refer to HTE Log Hammer WL: NA 140 lbs Hammer Fall: NA 30 in. Rig Type: CME 550X ATV Hammer Type: Automatic													
Depth (ft)	Casing Blow/ft	Sample Information								Strata Description	Symbol	Sample Description			
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval						Coring Time (min./ft)	Moisture Content (%)	
		S1	SS	24	10	0	1	12	15	14			Topsoil Fill		S1) Medium dense. Top 4": Topsoil. Bottom 6": Brown, fine to coarse GRAVEL and fine to coarse SAND, little Silt, moist.
5		S2	SS	24	4	5	8	4	7	3			Old Ground soil/ Subsoil		S2) Medium dense, light brown, fine to medium SAND, little (+) Silt, little fine to coarse Gravel, trace roots, moist.
		S3	SS	30	12	7	11	13	5	3/12"					S3) Medium dense, light brown with dark brown, fine to medium SAND, some Silt, little fine to coarse Gravel, little roots, moist.
10		S4	SS	24	13	10	8	18	36	48			Sand and gravel With Boulders/ Cobbles		S4) Very dense. S4A (Top 6"): Similar to S3 except without roots. S4B (Bottom 7"): Tan/ brown, fine to coarse GRAVEL and fine to coarse SAND, little Silt, moist.
15		S5	SS	24	21	15	20	31	37	37			Silty Sand		S5) Very dense, olive brown with orange oxidizations, fine to medium SAND, little Silt, little fine Gravel and decomposed Rock, wet.
20		S6	SS	24	19	20	14	38	75	79					S6) Very dense, olive brown, fine to medium SAND, some Silt, trace fine Gravel, wet.
25		S7	SS	5	5	25	100/5"						Glacial Till		S7) Refusal, olive brown, fine to medium SAND and SILT, little fine to coarse Gravel (fractured in spoon tip), wet.
30															
Remarks: 1) Ground surface elevation estimated by GeoDesign. Boring coordinates derived from electronic site plans issued by VTrans. 2) Frequent coarse Gravel and Cobbles noted while augering from 0' to 5' deep. Hard grinding and rig chatter noted from 7' to 8.5' deep. 3) Very hard grinding/ slow auger advance through inferred Boulders and gravelly layer from 11' to 13.5' deep.												Boring No.: B-3			

CAMP DUDLEY 750-5.2.GPJ - GEODESIGN STANDARD .GDT 2/14/08

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		S8	SS	6	6	30	122						Glacial Till (Continued)		S8) Refusal, gray, fine to coarse SAND, some fine to coarse Gravel/ decomposed Rock, little (+) Silt, wet.
35		S9	SS	17	13	35	18	53	100/5"						S9) Very dense/ refusal, gray, fine to medium SAND, little (+) Silt, trace fine Gravel, wet.
40		S10	SS	21	13	40	32	67	88	50/3"					S10) Very dense, dark gray/ black, fine to medium SAND and SILT, some (+) decomposed Rock, wet.
45		S11	SS	12	12	45	47	100/6"							S11) Refusal, dark gray/ black, fine to medium SAND and SILT and decomposed ROCK, wet.
50		S12	SS	10	10	50	20	100/5"							S12) Refusal, brown, fine to medium SAND and SILT and decomposed ROCK, little fine Gravel, wet.
55		S13	SS	8	4	55	68	50/2"							S13) Refusal, brown, decomposed ROCK and fine to coarse SAND and SILT, wet.
60		S14	SS	4	4	59	100/4"								S14) Refusal, similar to S13 except with piece
Remarks: 4) No movement last 30 blows of S12. 5) Very hard auger grinding and chatter from 51' to 51.5' deep. 6) Very hard auger grinding and chatter from 55.5' to 56.5' deep sustained. Unsustained frequent hard grinding and chatter from 57' to 58' deep and sustained again to 59' deep. 7) Switch to mud rotary with FJ 3" casing at 59' deep.												Boring No.: B-3			

PROJECT: CHESTER	PROJECT NO.: BRFO16-1(25)
DESIGN FILE NAME: 88b194\structures\88b194bor.dgn	PLOT DATE: 16-MAR-2011
IPARM FILE NAME: s88b194bor log3.i	DRAWN BY: GEODESIGN, INC.
DESIGNED BY:	CHECKED BY: C.P. WILLIAMS
SQUAD LEADER: C.P. WILLIAMS	BORING LOGS - SHEET 3
	SHEET: 17 OF 50