

B-2

B-2A

PROJECT NAME AND LOCATION		GEODESIGN, INC. SOIL BORING LOG									
Lincoln BRO 1445 (25) Lincoln, Vermont		BORING NO.	B-2								
		PAGE NO.	1 OF 1								
		FILE NO.	750-03.1								
		REVIEWER	JEL								
BORING CO.	M & W Soils Engineering	CASING	H.S.A.								
FOREMAN	Myron Domingue	TYPE	S.S.								
INSPECTOR	Jason Gaudette	LD/O.D.	35/51 mm								
DATE START	09/12/2000	HAMMER	63.5 Kg								
DATE END	SAME	FALL	0.76 m								
GROUND EL.	297.11 m	OTHER	-								
SAMPLE INFORMATION		SAMPLE DESCRIPTION & CLASSIFICATION	STRATUM CHANGES	% M.C.	% GRAY	% SAND	% FINES	LQ - L1M	PL - L1M	REMARKS	
DEPTH (m)	CASING BLOWS										NO.
0.0	S-1	0.61	0.10	2	8						1.
				4	2						
	S-2	0.61	0.10	2	1						2.
				1	4						
1.5	S-3	0.41	0.20	18	26						3.
				67/100mm							
3.0	S-4	0.61	0.30	7	11						
				7	9						
4.6											
6.1											
7.6											
9.1											
REMARKS: 1. Boring Location - Station 1+110 m, 8.0 m left. 2. High drilling and grinding resistance on inferred boulders through 1.22 - 2.44 m depth during SSA advance. Boulders estimated to be > 0.30 m nominal diameter. 3. HSA and SSA refusal at 2.44 m depth prior to removing casing. Hole abandoned and moved 0.91 m left.											
NOTES: 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES BETWEEN MATERIAL TYPES. ACTUAL TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED. FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.											
GEODESIGN, Inc. 54 Main Street Windsor, VT 05089 TEL: (802) 674-2033 FAX: (802) 674-5943		BORING NO.		B-2							

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		REVIEWER	JEL								
BORING CO.	M & W Soils Engineering	CASING	H.S.A.								
FOREMAN	Myron Domingue	TYPE	S.S.								
INSPECTOR	Jason Gaudette	LD/O.D.	35/51 mm								
DATE START	09/12/2000	HAMMER	63.5 Kg								
DATE END	Same	FALL	0.76 m								
GROUND EL.	297.11 m	OTHER	-								
SAMPLE INFORMATION		SAMPLE DESCRIPTION & CLASSIFICATION	STRATUM CHANGES	% M.C.	% GRAY	% SAND	% FINES	LQ - L1M	PL - L1M	REMARKS	
DEPTH (m)	CASING BLOWS										NO.
1.5	S-1										
3.0	S-2	0.61	0.46	5	7						
				7	6						
4.6	S-3	0.61	0.30	11	9						
				10	8						
6.1	S-4	0.61	0.36	8	13						
				12	13						
7.6	S-5	0.61	0.46	6	25						
				32	29						
9.1	S-6	0.61	0.30	5	8						
REMARKS: 1. 2. 3.											
NOTES: 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES BETWEEN MATERIAL TYPES. ACTUAL TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED. FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.											
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		FILE NO.	750-03.1								
		REVIEWER	JEL								
BORING CO.	M & W Soils Engineering	CASING	H.S.A.								
FOREMAN	Myron Domingue	TYPE	S.S.								
INSPECTOR	Robert Marshall	LD/O.D.	35/51 mm								
DATE START	9/12/00	HAMMER	63.5 Kg								
DATE END	9/12/00	FALL	0.76 m								
GROUND EL.	294.964 m	OTHER	-								
SAMPLE INFORMATION		SAMPLE DESCRIPTION & CLASSIFICATION	STRATUM CHANGES	% M.C.	% GRAY	% SAND	% FINES	LQ - L1M	PL - L1M	REMARKS	
DEPTH (m)	CASING BLOWS										NO.
				10	16						5.
											6.
10.7	S-7	24	12	8	23						
				23	17						
12.2	S-8	24	18	10	13						
				16	18						
13.7	S-9	24	10	8	5						
				6	12						
15.2	S-10	8.00	8.00	10	70/2						
16.8											
18.3											
REMARKS: 5. Difficulty retrieving drill rods/plug at 8.8-m depth prior to sampling. Sample not attempted - hole flushed out with water due to flowing fine Sands. 6. Drilling resistance increased at approximately 10.06m depth (Gravel, possible Cobbles). 7. Drilling resistance increased at approx. 15.24m depth, possible bedrock. HSA used to slowly penetrate 0.76m of probable rock, refusal at 15.86m.											
NOTES: 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES BETWEEN MATERIAL TYPES. ACTUAL TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED. FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.											
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EXIST. GROUND
EL. 297.11

EXIST. GROUND
EL. 294.96

BOTTOM FTG.
ABUT. 1
EL. 290.60

BEDROCK
EL. 279.72

BOTTOM FTG.
ABUT. 1
EL. 290.60

GEOTECHNICAL
BORING LOGS 2

PROJECT NAME:	LINCOLN	PLOT DATE:	29-JAN-2009
PROJECT NUMBER:	BRO 1445 (25)	DRAWN BY:	T. LACKEY
FILE NAME:	s96j266bor.dgn	CHECKED BY:	R. WHITCOMB
PROJECT MANAGER:	R. WHITCOMB	SHEET	25 OF 58
DESIGNED BY:	S. SCRIBNER		
GEOTECHNICAL BORING LOGS 2			