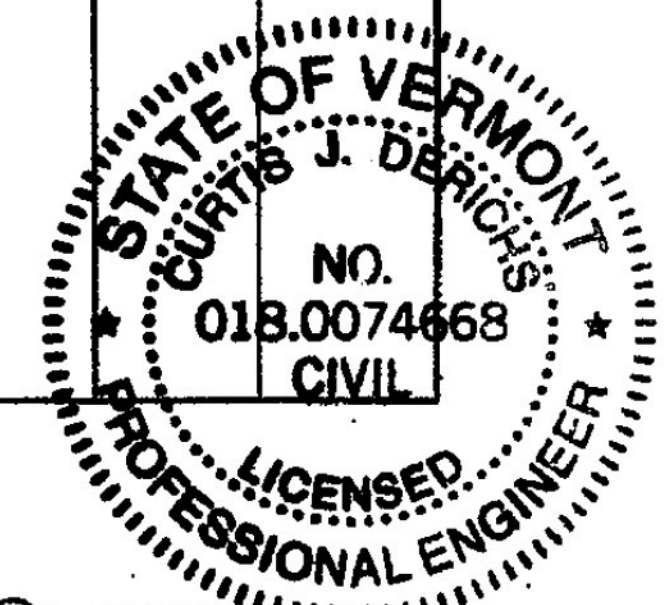


STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-201 SHEET 1 of 1 DATE STARTED: 3/24/10 DATE COMPLETED: 3/25/10					
PROJECT NAME: MORRISTOWN SITE NAME: VT-100 STATION: 7+780 OFFSET: 12.79 VTSPG NAD83: N 228831.57 m E 491418.62 m		PROJECT NUMBER: STP F 029-1(2) SITE NUMBER: BYPASS GROUND ELEVATION: 200.70 m GROUNDWATER DEPTH: NO WATER TO DEPTH PROJECT PIN NUMBER: 78D082					
BORING CREW CREW CHIEF: PORTER DRILLER: PORTER LOGGER: WERNER		BORING RIG: CME 55 TRACK AUTO BORING TYPE: HOLLOW STEM AUGER SAMPLE TYPE: SPLIT BARREL CHECKED BY: NSM					
DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-3, Sa, brn, Moist, Rec. = 0.45 m	10	7.5	17.9	75.4	6.7
2		A-3, Sa, brn, Moist, Rec. = 0.44 m	4	13.4	2.6	90.5	7.0
		A-2-4, Sa, brn, Moist, Rec. = 0.54 m	16	12.3	3.4	83.8	12.8
4		A-4, SaSi, brn, Moist, Rec. = 0.41 m	12	24.9	0.1	20.6	79.3
		A-1-a, SaGr, brn, Moist, Rec. = 0.34 m	56	6.6	52.3	35.6	12.1
6		A-1-b, GrSa, brn, Moist, Rec. = 0.33 m	18	4.1	38.6	54.0	7.4
		A-1-a, SaGr, brn, Moist, Rec. = 0.34 m	36	3.0	49.9	42.5	7.6
8		A-1-b, GrSa, brn, Moist, Rec. = 0.51 m	31	3.2	42.3	50.2	7.5
		A-1-a, SaGr, brn, Moist, Rec. = 0.34 m	43	3.2	62.0	30.1	7.9
10		A-1-b, GrSa, brn, Moist, Rec. = 0.51 m	30	5.2	42.1	43.9	14.0
12		A-1-a, SaGr, brn, Moist, Rec. = 0.34 m					
14		A-1-b, GrSa, brn, Moist, Rec. = 0.56 m					
		Hole stopped @ 14.10 m					
16		DRILLER'S NOTES: 1. No Ledge to Depth. 2. The hammer energy correction factor, C_e for the CME 55 Track Rig used in this investigation is 1.46. The N values provided on the boring logs are raw values and have not been corrected.					
18							

LOG OF BORING MORRISTOWN STP F 029-1(2) GPJ VT AOT.GDT 6/24/10

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-202 SHEET 1 of 1 DATE STARTED: 3/25/10 DATE COMPLETED: 3/25/10					
PROJECT NAME: MORRISTOWN SITE NAME: VT-100 STATION: 7+794 OFFSET: 12.79 VTSPG NAD83: N 228842.97 m E 491427.48 m		PROJECT NUMBER: STP F 029-1(2) SITE NUMBER: BYPASS GROUND ELEVATION: 200.30 m GROUNDWATER DEPTH: NO WATER TO DEPTH PROJECT PIN NUMBER: 78D082					
BORING CREW CREW CHIEF: PORTER DRILLER: PORTER LOGGER: WERNER		BORING RIG: CME 55 TRACK AUTO BORING TYPE: HOLLOW STEM AUGER SAMPLE TYPE: SPLIT BARREL CHECKED BY: NSM					
DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-2-4, Sa, brn, Moist, Rec. = 0.39 m	11	11.0	8.3	80.2	11.5
2		A-3, Sa, brn, Moist, Rec. = 0.51 m	11	10.2	1.2	89.8	9.0
		A-2-4, SiSa, brn, Moist, Rec. = 0.48 m	11	11.4	1.7	75.2	23.1
4		A-4, SiSa, brn, Moist, Rec. = 0.33 m	10	18.7	0.4	51.2	48.4
		A-4, Si, brn, Moist, Rec. = 0.49 m	14	23.6	0.0	19.3	80.7
6		A-1-a, SaGr, brn, Moist, Rec. = 0.42 m	42	2.3	53.7	36.1	10.2
		A-1-a, SaGr, brn, Moist, Rec. = 0.31 m	27	2.0	61.5	31.9	6.6
8		A-1-b, GrSa, brn, Moist, Rec. = 0.48 m	9	1.8	27.8	64.9	7.3
		A-1-a, SaGr, brn, Moist, Rec. = 0.21 m	23	1.3	52.0	38.7	9.3
10		A-1-a, SaGr, brn, Moist, Rec. = 0.31 m	40	1.0	65.0	26.7	8.3
12		A-1-b, GrSa, brn, Moist, Rec. = 0.21 m					
14		A-1-a, SaGr, brn, Moist, Rec. = 0.36 m					
		Hole stopped @ 14.10 m					
16		DRILLER'S NOTES: 1. No Ledge to Depth. 2. The hammer energy correction factor, C_e for the CME 55 Track Rig used in this investigation is 1.46. The N values provided on the boring logs are raw values and have not been corrected.					
18							

LOG OF BORING MORRISTOWN STP F 029-1(2) GPJ VT AOT.GDT 6/24/10



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No.	Date	Revision	By
1	8/20/10	REVISIONS PER REVIEW COMMENTS	ACM
2	1/30/12	REVISIONS PER REVIEW COMMENTS	CID
3	3/15/12	REVISIONS PER REVIEW COMMENTS	CID
4	4/11/12	REVISIONS PER REVIEW COMMENTS	CID
5			
6			

Designed By: CJD
Scale: N/A
Date: MAY 19, 2010

Project: MORRISTOWN (PROJECT #F029-1(2) C/1)
MORRISTOWN, VERMONT
Registration No: 74668
Project No: 12-016
Sheet No: 63 OF 123
Title: BORING LOGS

Curtis J. Derichs
Curtis J. Derichs, P.E.
Date: 4/11/12