



STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SUBSURFACE INFORMATION

BORING NUMBER: B-204
SHEET 1 of 2
DATE STARTED: 6/10/05
DATE COMPLETED: 6/14/05

PROJECT NAME: HUBBARDTON
SITE NAME: ELEVATE ROADWAY
STATION: 11+50
OFFSET: 8.50
VTSPG: N 439709.91 ft E 1459268.15 ft

PROJECT NUMBER: ST 0161(23)
SITE NUMBER: RT-30
GROUND ELEVATION: 411.27 ft
GROUNDWATER DEPTH: 1.0 ft 6/14/05
PROJECT PIN NUMBER: 03C044

BORING CREW
CREW CHIEF: TALLMAN
DRILLER: TALLMAN
LOGGER: RUSSELL

BORING RIG: LARGE SKID RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL & TUBE
CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
0.0 - 0.5		Asphalt, 0.0 ft - 0.5 ft							
3.0 - 4.0		Cleaned out casing, 3.0 ft - 4.0 ft							
4.0 - 6.0	x x x	Visual Class: Possible Fill material, Broken Rock (Slate), gry, Moist, Rec. = 1.2 ft, 4.0 ft - 6.0 ft	14						
6.0 - 7.5		A-4, Si with Trace of Organics (6.6%), gry, MTW, Rec. = 1.5 ft	3	46.9					
7.5 - 8.9		A-4, Si with Trace of Organics (6.6%), gry, MTW, Rec. = 1.4 ft	2	55.5					
8.9 - 12.0		Visual Class: Wood material, brn, MTW, Rec. = 0.4 ft, 12.0 ft - 14.0 ft	7						
12.0 - 14.0		A-4, Si with Little Organics (16.2%), brn, MTW, Rec. = 0.2 ft	3	108.9					
14.0 - 17.0		Visual Class: Wood material, brn, MTW, Rec. = 0.25 ft, 17.0 ft - 19.0 ft	4						
17.0 - 19.0		Visual Class: Wood material, brn, MTW, Rec. = 0.1 ft, 19.0 ft - 21.0 ft	16						
19.0 - 22.0		No Rec., Traces of Wood, 22.0 ft - 24.0 ft	2						
22.0 - 25.0		A-8, Peat (40.0%), brn, MTW, Rec. = 1.1 ft, 25.0 ft - 27.0 ft	3	484.6					
25.0 - 28.0		A-8, Peat (27.6%), brn, MTW, Rec. = 1.2 ft, 28.0 ft - 30.0 ft, Consolidation sample		408.0					
28.0 - 30.0		A-4, Cisi, gry, MTW, Rec. = 2.0 ft	WH	47.1	0.0	20.4	79.6	30	7
30.0 - 35.0		A-6, SiCl, gry, MTW, Rec. = 2.0 ft, Sample was bagged from failed Shelby Tube attempt		44.9	0.1	11.4	88.5	35	11

LOG OF BORING HUBBARDTON_ST0161(23).GPJ VT_ADT.GDT 9/7/06



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DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
			RUN	REC (%)	ROD (%)	Dip (deg)	Drill Rate (min/ft)		
2.0		A-4, Si, gry, MTW, Rec. = 2.0 ft, Consolidation sample		34.4	0.0	2.2	97.8	30	6
4.0		A-6, SiCl, gry, MTW, Rec. = 2.0 ft	WR	50.2	0.3	5.1	94.6	39	17
4.0 - 43.0		Shelby Tube, gry, MTW, Rec. = 2.0 ft, 41.0 ft - 43.0 ft							
4.5		A-4, Cisi, gry, MTW, Rec. = 2.0 ft	WR	43.0	0.0	2.5	97.5	35	10
5.0		A-7-6, Cl, gry, MTW, Rec. = 2.0 ft, Consolidation sample		49.5	0.0	0.7	99.3	48	27
5.0		A-6, SiCl, gry, MTW, Rec. = 2.0 ft	WR	46.7	1.1	3.4	95.5	30	11
5.0 - 53.0		Shelby Tube, gry, MTW, Rec. = 2.0 ft, 51.0 ft - 53.0 ft							
5.5		A-4, Si, gry, MTW, Rec. = 2.0 ft	WR	31.0	0.0	5.6	94.4	22	6
5.5		A-4, Si, gry, MTW, Rec. = 1.35 ft, Consolidation sample		27.9	0.0	4.2	95.8	22	5
5.5		A-4, Si, gry, MTW, Rec. = 1.35 ft, Consolidation sample		28.0	0.8	50.5	48.7		
5.5		A-4, SiSa, gry, Wei, Rec. = 0.3 ft	WR	90	65	15	9		
5.5		Purple, Slate, Competent, Moderately hard, Unweathered, NXMDC, 58.5 ft - 63.5 ft, Rec. = 4.5 ft	1				9		
5.5		Purple, Slate, Competent, Moderately hard, Unweathered, NXMDC, 58.5 ft - 63.5 ft, Rec. = 4.5 ft					9		
5.5		Purple, Slate, Competent, Moderately hard, Unweathered, NXMDC, 58.5 ft - 63.5 ft, Rec. = 4.5 ft					8		
5.5		Purple, Slate, Competent, Moderately hard, Unweathered, NXMDC, 58.5 ft - 63.5 ft, Rec. = 4.5 ft					9		
63.5		Hole stopped @ 63.5 ft							

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