



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

BORING NUMBER: B-101  
 SHEET 1 of 1  
 DATE STARTED: 7/06/07  
 DATE COMPLETED: 7/06/07

PROJECT NAME: RANDOLPH  
 SITE NAME: PARK & RIDE  
 STATION: 21+13  
 OFFSET: -10.00  
 VTSPG: N 526838.19 ft E 1609130.31 ft

PROJECT NUMBER: CMG PARK(21)  
 SITE NUMBER: VT-66  
 GROUND ELEVATION:  
 GROUNDWATER DEPTH: 3.7 ft 7/10/07  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: PORTER  
 DRILLER: PORTER  
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG w/AUTO HAMMER  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
5									
		A-4, SaSi, gry, Moist, Rec. = 1.5 ft	10	14.3	14.1	24.9	61.0	20	3
		A-4, SaSi, gry, Moist, Rec. = 1.8 ft	5	14.6	15.2	28.6	56.2	20	3
10		A-4, SaSi, gry, Moist, Rec. = 1.7 ft	5	14.4	16.2	26.3	57.5	21	3
		A-4, SaSi, gry, Moist, Rec. = 1.8 ft	10	12.6	15.9	25.2	58.9	21	2
15		A-4, SaGrSi, gry, Moist, Rec. = 1.3 ft	22	11.9	24.7	24.2	51.1		
		A-4, GrSaSi, gry, Wet, Rec. = 1.6 ft	12	11.9	23.6	25.3	51.1		
		A-4, GrSaSi, gry, Wet, Rec. = 2.0 ft	19	11.9	22.3	24.2	53.5		
20		A-4, SaSi, gry, Wet, Rec. = 1.2 ft	26	13.9	15.1	23.6	61.3		
		Hole stopped @ 22.0 ft							
25		DRILLER'S NOTES: 1. Groundwater Depth on 07/12/07 was 2.0 ft.							

LOG OF BORING - RANDOLPH CMG PARK(21).GPR - VT AOT.GBT 8/13/07



STATE OF VERMONT  
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MATERIALS & RESEARCH SECTION  
SUBSURFACE INFORMATION

BORING NUMBER: B-102  
SHEET 1 of 1  
DATE STARTED: 7/02/07  
DATE COMPLETED: 7/10/07

PROJECT NAME: RANDOLPH  
SITE NAME: PARK & RIDE  
STATION: 21+75  
OFFSET: 142.00  
VTSPG: N 526935.19 ft E 1609262.75 ft

PROJECT NUMBER: CMG PARK(21)  
SITE NUMBER: VT-66  
GROUND ELEVATION:  
GROUNDWATER DEPTH: See Note #6  
PROJECT PIN NUMBER: 00K130

BORING CREW  
CREW CHIEF: PORTER  
DRILLER: PORTER  
LOGGER: WERNER

BORING RIG: LAG TRACK RIG w/AUTO HAMMER  
BORING TYPE: HOLLOW STEM AUGER  
SAMPLE TYPE: SPLIT BARREL  
CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		Field Note, Top of Well casing is 2.5 ft. above ground level. Solid casing with Bentonite around it.						
5		A-4, SaSi, gry, Moist, Rec. = 2.0 ft		6	22.5	16.4	23.0	60.6
10		A-4, SaGrSi, gry, Moist, Rec. = 2.0 ft		18	18.1	23.5	21.1	55.4
15		A-4, SaSi, gry, Moist, Rec. = 1.3 ft		18	17.9	14.9	27.0	58.1
20		A-4, SaSi, gry, Moist, Rec. = 1.7 ft		9	14.7	16.1	26.1	57.8
		A-4, SaGrSi (HP), gry, Moist, Rec. = 1.2 ft		9	12.6	26.8	24.5	48.7
		A-4, GrSaSi (HP), gry, Moist, Rec. = 1.3 ft		31	9.4	23.5	23.5	53.0
25		A-4, GrSaSi (HP), gry, Moist, Rec. = 1.5 ft		39	8.5	28.6	31.1	40.3
		A-4, SaGrSi (HP), gry, Wet, Rec. = 1.3 ft		36	10.6	29.4	22.5	48.1
		A-4, SaGrSi (HP), gry, Moist, Rec. = 0.4 ft		R	9.4	35.0	22.3	42.7
30		A-4, SaGrSi (HP), gry, Moist, Rec. = 1.3 ft		98	9.4	31.2	25.4	43.4
		A-4, SaGrSi (HP), gry, Moist, Rec. = 1.7 ft		87	9.9	25.6	23.4	51.0
35		A-4, SaSi (HP), gry, Moist, Rec. = 1.8 ft		89	12.5	17.1	24.8	58.1
		Hole stopped @ 36.0 ft						
40		DRILLER'S NOTES: 1. Monitoring Well was installed. 2. There is 30.0 ft. of screen casing in ground. 3. There is 4.0 ft. of solid casing in ground. 4. There is 2.5 ft. of solid casing above ground. 5. End Cap added 0.3 ft. of casing length. 6. The following Groundwater Depths are reported from top of ground surface. 07/10/07 = 9.2 ft. 07/18/07 = 5.3 ft.						
45								

LOG OF BORING RANDOLPH CMG PARK(21).GRJ VT AOT.GBT 8/13/07



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

BORING NUMBER: B-103  
SHEET 1 of 1  
DATE STARTED: 7/10/07  
DATE COMPLETED: 7/10/07

PROJECT NAME: RANDOLPH  
SITE NAME: PARK & RIDE  
STATION: 22+25  
OFFSET: -23.00  
VTSPG: N 526943.68 ft E 1609090.45 ft

PROJECT NUMBER: CMG PARK(21)  
SITE NUMBER: VT-66  
GROUND ELEVATION:  
GROUNDWATER DEPTH: See Note #6  
PROJECT PIN NUMBER: 00K130

BORING CREW  
CREW CHIEF: PORTER  
DRILLER: PORTER  
LOGGER: WERNER

BORING RIG: LAG TRACK RIG w/AUTO HAMMER  
BORING TYPE: HOLLOW STEM AUGER  
SAMPLE TYPE: SPLIT BARREL  
CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		A-4, SaSi, brn, Moist, Rec. = 1.6 ft, Top of Well casing is 2.5 ft. above ground level. Solid casing with Bentonite around it.		8	20.1	7.1	30.6	62.3		
		A-4, SaSi, brn, Moist, Rec. = 1.6 ft		6	20.0	5.9	27.3	66.8		
5		A-4, SaSi, brn-gry, Moist, Rec. = 2.0 ft		5	22.1	6.0	28.0	66.0		
		A-1-b, SiGrSa, brn, Moist, Rec. = 1.4 ft, Broken rock was within sample. Cobbles at 7.0 ft.		99	11.1	37.0	39.3	23.7		
		Visual Classification, Broken rock with silty sand., brn, Moist, Rec. = 0.7 ft, Cobbles from 8.0-10 ft.		40	4.8					
10		Visual Classification, Broken rock with sand., gry, Moist, Rec. = 0.4 ft, (Cobbles)		R	4.2					
		Field Note, 10.7'-11.5', Cobble area has ended.								
		A-4, SaSi, gry, Moist, Rec. = 1.7 ft		10	17.7	14.0	22.1	63.9		
15		A-4, SaSi, gry, Wet, Rec. = 1.65 ft		9	14.8	17.6	22.9	59.5	23	1
		A-4, SaSi, gry, Wet, Rec. = 1.8 ft		18	14.7	18.4	21.8	59.8	23	2
		Field Note, No recovery. Appears to be same material., gry, Wet		11						
20		A-4, GrSaSi, gry, Wet, Rec. = 1.5 ft		31	12.9	20.7	29.1	50.2		
		Hole stopped @ 22.0 ft								
25		DRILLER'S NOTES: 1. Monitoring Well was installed. 2. There is 15.0 ft. of screen casing in ground. 3. There is 3.9 ft. of solid casing in ground. 4. There is 2.5 ft. of solid casing above ground. 5. End Cap added 0.3 ft. of casing length. 6. The following Groundwater Depths are reported from top of ground surface. 07/12/07 = 8.8 ft. 07/18/07 = 9.5 ft.								

LOG OF BORING RANDOLPH CMG PARK(21).GPJ VT AOST.GBT 8/13/07



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

BORING NUMBER: B-104  
 SHEET 1 of 1  
 DATE STARTED: 7/12/07  
 DATE COMPLETED: 7/13/07

PROJECT NAME: RANDOLPH  
 SITE NAME: PARK & RIDE  
 STATION: 22+57  
 OFFSET: -180.00  
 VTSPG: N 526936.69 ft E 1608930.47 ft

PROJECT NUMBER: CMG PARK(21)  
 SITE NUMBER: VT-66  
 GROUND ELEVATION:  
 GROUNDWATER DEPTH: See Note #6  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: PORTER  
 DRILLER: PORTER  
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG w/AUTO HAMMER  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		Topsail, brn, Moist, 0.0 ft - 0.2 ft, Top of Well casing is 2.8 ft. above ground level.		2	25.4	8.9	33.7	57.4		
		A-4, SaSi, brn, Moist, Rec. = 1.5 ft								
		A-4, SaSi, brn, Moist, Rec. = 1.8 ft		8	19.9	7.3	26.1	66.6		
5		A-4, SaSi, brn, Moist, Rec. = 1.9 ft		4	20.4	5.2	26.8	68.0		
		A-4, SaSi, brn, Moist, Rec. = 1.9 ft		4	20.2	9.9	23.6	66.5		
		A-4, SaSi, brn, Moist, Rec. = 1.7 ft		11	17.3	15.5	22.4	62.1		
10		A-4, GrSi, gry, Wet, Rec. = 1.7 ft		12	18.2	21.3	18.9	59.8		
		A-4, Si, gry, Wet, Rec. = 1.7 ft		8	18.1	12.8	19.3	67.9		
		A-4, Si, gry, Wet, Rec. = 2.0 ft		5	16.9	10.7	18.3	71.0	23	2
15		A-4, Si, gry, Wet, Rec. = 2.0 ft		6	16.4	15.6	17.8	66.6	24	3
		A-4, GrSi, gry, Wet, Rec. = 1.6 ft		12	14.3	26.0	15.4	58.6	23	2
20		A-4, GrSi, gry, Wet, Rec. = 1.5 ft		14	14.2	22.6	16.7	60.7	21	2
		Hole stopped @ 22.0 ft								
25		DRILLER'S NOTES: 1. Monitoring Well was installed. 2. There is 15.0 ft. of screen casing in ground. 3. There is 5.0 ft. of solid casing in ground. 4. There is 2.8 ft. of solid casing above ground. 5. End Cap added 0.3 ft. of casing length. 6. The following Groundwater Depths are reported from top of ground surface. 07/12/07 = 6.3 ft. 07/18/07 = 5.9 ft.								

LOG OF BORING RANDOLPH CMG PARK(21).GPJ VT AOST.GBT 8/13/07



STATE OF VERMONT  
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 MATERIALS & RESEARCH SECTION  
 SUBSURFACE INFORMATION

BORING NUMBER: B-105  
 SHEET 1 of 1  
 DATE STARTED: 6/29/07  
 DATE COMPLETED: 7/02/07

PROJECT NAME: RANDOLPH  
 SITE NAME: PARK & RIDE  
 STATION: 22+68  
 OFFSET: 142.00  
 VTSPG: N 527025.42 ft E 1609240.20 ft

PROJECT NUMBER: CMG PARK(21)  
 SITE NUMBER: VT-66  
 GROUND ELEVATION:  
 GROUNDWATER DEPTH: 5.3 ft 7/02/07  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: PORTER  
 DRILLER: PORTER  
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG w/AUTO HAMMER  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
5		A-4, SaSi, gry, Moist, Rec. = 1.7 ft	8	20.8	19.2	21.7	59.1
10		A-4, GrSaSi, gry, Moist, Rec. = 2.0 ft	12	18.0	21.1	25.8	53.1
		A-4, SaSi, gry, Moist, Rec. = 2.0 ft	11	17.5	15.8	22.3	61.9
15		A-4, SaSi, gry, Moist, Rec. = 1.0 ft	15	16.0	9.8	32.8	57.4
		A-4, SaSi, gry, Wet, Rec. = 0.9 ft	19	15.3	18.0	25.1	56.9
		Boulder, 18.0 ft - 19.0 ft					
20		A-4, GrSaSi, gry, Wet, Rec. = 1.0 ft		18.1	20.8	27.2	52.0
		A-4, GrSaSi (HP), gry, Wet, Rec. = 2.0 ft	25	12.5	21.8	30.8	47.4
		A-4, SaSiGr (HP), gry, Wet, Rec. = 1.4 ft, Tough drilling in (HP) & Cobbles	41	11.4	38.6	23.5	37.9
25		A-4, SaGrSi (HP), gry, Moist, Rec. = 1.4 ft, Tough drilling in (HP) & Cobbles	R	9.4	32.8	25.5	41.7
		A-4, SaGrSi (HP), gry, Moist, Rec. = 0.8 ft, Tough drilling in (HP) & Cobbles	R	11.1	33.2	23.5	43.3
		Hole stopped @ 26.8 ft					
		DRILLER'S NOTES: 1. Groundwater Depth on 07/12/07 was 0.4 ft.					

LOG OF BORING RANDOLPH CMG PARK(21) GRU VT AOT.GBT 8/13/07



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

BORING NUMBER: B-106  
SHEET 1 of 1  
DATE STARTED: 7/12/07  
DATE COMPLETED: 7/12/07

PROJECT NAME: RANDOLPH  
SITE NAME: PARK & RIDE  
STATION: 23+43  
OFFSET: -57.00  
VTSPG: N 527049.94 ft E 1609028.96 ft

PROJECT NUMBER: CMG PARK(21)  
SITE NUMBER: VT-66  
GROUND ELEVATION:  
GROUNDWATER DEPTH: 1.1 ft 7/12/07  
PROJECT PIN NUMBER: 00K130

BORING CREW  
CREW CHIEF: PORTER  
DRILLER: PORTER  
LOGGER: WERNER

BORING RIG: LAG TRACK RIG w/AUTO HAMMER  
BORING TYPE: HOLLOW STEM AUGER  
SAMPLE TYPE: SPLIT BARREL  
CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		A-4, SaSi, brn, Moist, Rec. = 1.4 ft	3	25.5	11.4	30.1	58.5		
		A-4, SaSi, brn, Wet, Rec. = 1.8 ft	6	21.6	13.9	24.0	62.1		
5		A-4, SaSi, brn, Wet, Rec. = 1.9 ft	3	23.7	8.0	22.1	69.9		
		A-4, SaSi, brn, Wet, Rec. = 1.9 ft	3	21.5	16.3	22.1	61.6		
		A-4, SaSi, gry, Wet, Rec. = 1.7 ft	17	19.2	9.3	24.5	66.2		
10		Field Note, Appears to be same material., gry, Wet	18						
		A-4, SaSi, gry, Wet, Rec. = 1.7 ft	7	15.6	13.3	22.9	63.8		
15		A-4, SaSi, gry, Moist, Rec. = 2.0 ft	8	15.2	9.1	23.7	67.2		
		A-4, SaSi, gry, Moist, Rec. = 2.0 ft	7	14.8	16.1	21.8	62.1	24	2
		A-4, SaSi, gry, Wet, Rec. = 2.0 ft	11	15.3	17.7	21.6	60.7		
20		A-4, GrSi, gry, Wet, Rec. = 1.7 ft	9	14.4	24.7	19.6	55.7	23	3
		Hole stopped @ 22.0 ft							
25		DRILLER'S NOTES: 1. Hole caved in at around 8.0 ft.							

LOG OF BORING - RANDOLPH CMG PARK(21).GPJ VT AOT.GBT 8/13/07



STATE OF VERMONT  
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MATERIALS & RESEARCH SECTION  
SUBSURFACE INFORMATION

BORING NUMBER: B-201  
SHEET 1 of 1  
DATE STARTED: 11/12/08  
DATE COMPLETED: 11/12/08

PROJECT NAME: RANDOLPH  
SITE NAME: RANDOLPH PARK & RIDE  
STATION: 21+71  
OFFSET: -136.90  
VTSPG: N 526866.23 ft E 1608992.18 ft

PROJECT NUMBER: RSCH012-705  
SITE NUMBER: VT-66  
GROUND ELEVATION: 1181.9 ft  
GROUNDWATER DEPTH: 4.6 ft 11/13/08  
PROJECT PIN NUMBER: 00K130

BORING CREW  
CREW CHIEF: GARROW  
DRILLER: GARROW  
LOGGER: PORTER

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
BORING TYPE: HOLLOW STEM AUGER  
SAMPLE TYPE: AUGER  
CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1181.73 ft								
		Visual Classification, A-4, Si						
5		Possible Cobbles, 4.0 ft - 5.0 ft						
		Visual Classification, A-4, Si						
10		Visual Classification, A-4, GrSaSi						
15								
20		Hole stopped @ 20.0 ft						
25		DRILLER'S NOTES: 1. Monitoring Well was installed. 2. There is 15.0 ft of screen casing in ground. 3. There is 5.0 ft of solid casing in ground. 4. There is 0.0 ft of solid casing above ground. 5. Soil classifications made from auger cuttings.						

LOG OF BORING RANDOLPH CMG PARK(21).GPJ VT AOT.GIT 2/13/09



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

BORING NUMBER: B-202  
 SHEET 1 of 1  
 DATE STARTED: 11/05/08  
 DATE COMPLETED: 11/05/08

PROJECT NAME: RANDOLPH  
 SITE NAME: RANDOLPH PARK & RIDE  
 STATION: 23+22  
 OFFSET: -144.80  
 VTSPG: N 527009.32 ft E 1608948.56 ft

PROJECT NUMBER: RSCH012-705  
 SITE NUMBER: VT-66  
 GROUND ELEVATION: 1180.1 ft  
 GROUNDWATER DEPTH: 6.1 ft 11/12/08  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: MAHMUTOVIC

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1179.94 ft								
		Visual Classification, A-4, Si						
5		Possible Cobbles, 4.0 ft - 5.0 ft						
		Visual Classification, A-4, Si						
10								
15								
20		Hole stopped @ 19.0 ft						
		DRILLER'S NOTES: 1. Monitoring Well was installed. 2. There is 15.0 ft of screen casing in ground. 3. There is 4.0 ft of solid casing in ground. 4. There is 0.0 ft of solid casing above ground. 5. Soil classifications made from auger cuttings.						
25								

LOG OF BORING RANDOLPH C&G PARK(21).GPJ VT\_AOT.GDT 2/13/09



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

BORING NUMBER: B-203  
 SHEET 1 of 1  
 DATE STARTED: 11/03/08  
 DATE COMPLETED: 11/04/08

PROJECT NAME: RANDOLPH  
 SITE NAME: RANDOLPH PARK & RIDE  
 STATION: 22+44  
 OFFSET: -178.80  
 VTSPG: N 526931.40 ft E 1608933.28 ft

PROJECT NUMBER: RSCH012-705  
 SITE NUMBER: VT-66  
 GROUND ELEVATION: 1180.9 ft  
 GROUNDWATER DEPTH: 7.4 ft 11/04/08  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: ELIASSEN

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1180.64 ft								
		A-4, SaSi, Dk/brn, Moist, Rec. = 1.6 ft		4	18.6	17.1	36.1	46.8
		A-4, GrSaSi, Dk/brn, Moist, Rec. = 1.6 ft		10	17.1	21.3	23.6	55.1
5		A-4, SaSi, Dk/brn, Moist, Rec. = 1.5 ft		4	21.2	6.2	22.8	71.0
		A-4, SaSi, Dk/brn, MTW, Rec. = 1.8 ft		5	20.9	8.5	22.9	68.6
		A-4, SaSi mottled, gry, Moist, Rec. = 1.8 ft		10	18.6	10.9	20.5	68.6
10		A-4, SaSi, gry, Moist, Rec. = 2.0 ft		9	18.5	12.7	20.9	66.4
		No Recovery, Rec. = 0.0 ft, 12.0 ft - 14.0 ft		12				
15		A-4, SaSi, gry, Moist, Rec. = 1.5 ft		9	18.8	12.0	22.4	65.6
		A-4, Si, gry, Moist, Rec. = 1.5 ft		6	15.7	15.5	18.4	66.1
		A-4, SaSi, gray, Moist, Rec. = 1.2 ft		R	16.6	8.6	20.3	71.1
20		Hole stopped @ 19.0 ft						
		DRILLER'S NOTES: 1. Monitoring well was installed. 2. There is 15.0 ft. of screen casing in ground. 3. There is 4.0 ft. of solid casing in ground. 4. There is 0 ft. of solid casing above ground.						
25								

LOG OF BORING RANDOLPH C&G PARK(21).GPJ VT\_AOT.GDT 2/13/09



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

BORING NUMBER: B-204  
 SHEET 1 of 1  
 DATE STARTED: 10/29/08  
 DATE COMPLETED: 10/29/08

PROJECT NAME: RANDOLPH  
 SITE NAME: RANDOLPH PARK & RIDE  
 STATION: 22+67  
 OFFSET: 202.40  
 VTSPG: N 527034.87 ft E 1609300.11 ft

PROJECT NUMBER: RSCH012-705  
 SITE NUMBER: VT-66  
 GROUND ELEVATION: 1217.7 ft  
 GROUNDWATER DEPTH: 1.7 ft 10/29/08  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: HOLT

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1219.31 ft								
0 to 13.0		Visual Classification, Gr Si, No Samples taken						
Hole stopped @ 13.0 ft								
15 to 30		DRILLER'S NOTES: 1. Soil Descriptions made from Auger Cuttings. 2. Monitoring Well was installed. 3. There is 10.0 ft of screen casing in ground. 4. There is 3.0 ft of solid casing in ground. 5. There is 2.3 ft of solid casing above ground level.						

LOG OF BORING RANDOLPH C&G PARK(21).GPJ VT\_AOT.GDT 2/13/09



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

BORING NUMBER: B-205  
 SHEET 1 of 1  
 DATE STARTED: 10/28/08  
 DATE COMPLETED: 10/28/08

PROJECT NAME: RANDOLPH  
 SITE NAME: RANDOLPH PARK & RIDE  
 STATION: 21+92  
 OFFSET: 250.40  
 VTSPG: N 526978.42 ft E 1609363.63 ft

PROJECT NUMBER: RSCH012-705  
 SITE NUMBER: VT-66  
 GROUND ELEVATION: 1222.0 ft  
 GROUNDWATER DEPTH: 3.9 ft 10/28/08  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: MAHMUTOVIC

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1224.69 ft								
0.0 - 8.0		0.0 ft - 8.0 ft, No Samples taken.						
8.0 - 9.9		Visual Classification, A-4, Si, Dk/brn, Wet, Rec. = 1.9 ft		2				
9.9 - 11.8		Visual Classification, A-2-4, Gr Si, Dk/brn, Wet, Rec. = 1.8 ft		5				
11.8 - 15.0		12.0 ft - 15.0 ft, No Samples taken.						
15.0 - 30.0		Hole stopped @ 15.0 ft  DRILLER'S NOTES: 1. Monitoring Well was installed. 2. There is 10.0 ft. of screen casing in ground. 3. There is 5.0 ft. of solid casing in ground. 4. There is 3.05 ft. of solid casing above ground level.						

LOG OF BORING RANDOLPH C&G PARK(21),GPJ\_VT\_AOT.GDT 2/13/09



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

BORING NUMBER: B-206  
 SHEET 1 of 1  
 DATE STARTED: 10/29/08  
 DATE COMPLETED: 10/29/08

PROJECT NAME: RANDOLPH  
 SITE NAME: RANDOLPH PARK & RIDE  
 STATION: 21+48  
 OFFSET: 206.90  
 VTSPG: N 526923.95 ft E 1609332.31 ft

PROJECT NUMBER: RSCH012-705  
 SITE NUMBER: VT-66  
 GROUND ELEVATION: 1221.5 ft  
 GROUNDWATER DEPTH: 5.0 ft 11/03/08  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: HOLT

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1224.04 ft								
0.0		Visual Classification, GrSi, No Samples Taken						
2.5								
5.0								
7.5								
10.0								
12.5								
15.0		Hole stopped @ 15.0 ft						
17.5		DRILLER'S NOTES: 1. Soil Descriptions made from Auger Cuttings. 2. Monitoring Well was installed. 3. There is 10.0 ft of screen casing in ground. 4. There is 5.0 ft of solid casing in ground. 5. There is 2.4 ft of solid casing above ground. 6. A firm layer was hit at 12.8 ft below ground.						

LOG OF BORING RANDOLPH C&G PARK(21), GPJ VT AOT.GDT 2/13/09



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

BORING NUMBER: B-207  
 SHEET 1 of 1  
 DATE STARTED: 11/04/08  
 DATE COMPLETED: 11/05/08

PROJECT NAME: RANDOLPH  
 SITE NAME: RANDOLPH PARK & RIDE  
 STATION: 22+12  
 OFFSET: -178.90  
 VTSPG: N 526922.15 ft E 1608935.27 ft

PROJECT NUMBER: RSCH012-705  
 SITE NUMBER: VT-66  
 GROUND ELEVATION: 1180.9 ft  
 GROUNDWATER DEPTH: 6.1 ft 11/12/08  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: MAHMUTOVIC

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1180.65 ft								
0.0 - 20.0		0.0 ft - 20.0 ft, No Samples Taken						
20.0 - 25.0		Visual Classification, A-4, Si, gry, Moist, Rec. = 2.0 ft		13				
25.0 - 30.0		Visual Classification, A-4, CiSi, gry, Moist, Rec. = 2.0 ft		11				
30.0 - 35.0		Visual Classification, A-4, CiSi, gry, MTW, Rec. = 2.0 ft		7				
35.0 - 37.0		Visual Classification, A-4, Si, gry, Wet, Rec. = 1.3 ft		22				
37.0 - 40.0		Hole stopped @ 37.0 ft						
40.0 - 45.0		DRILLER'S NOTES: 1. Driller Noted firm layer present at 34.3 ft 2. Monitoring Well was installed. 3. There is 5.0 ft of screen casing in ground. 4. There is 30.0 ft of solid casing in ground. 5. There is 0.0 ft of solid casing above ground. 6. No ledge to depth						

LOG OF BORING RANDOLPH C&G PARK(21),GRJ VT AOT.GDT 2/13/09



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

BORING NUMBER: B-208  
SHEET 1 of 1  
DATE STARTED: 10/23/08  
DATE COMPLETED: 10/27/08

PROJECT NAME: RANDOLPH  
SITE NAME: RANDOLPH PARK & RIDE  
STATION: 22+00  
OFFSET: 251.70  
VTSPG: N 526984.99 ft E 1609363.46 ft

PROJECT NUMBER: RSCH012-705  
SITE NUMBER: VT-66  
GROUND ELEVATION: 1221.8 ft  
GROUNDWATER DEPTH: 2.1 ft 10/27/08  
PROJECT PIN NUMBER: 00K130

BORING CREW  
CREW CHIEF: GARROW  
DRILLER: GARROW  
LOGGER: MAHMUTOVIC

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
BORING TYPE: HOLLOW STEM AUGER  
SAMPLE TYPE: SPLIT BARREL  
CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	
Top of Well Elevation: 1223.8 ft									
		A-4, SaSi, Dk/brn, Moist, Rec. = 1.6 ft		4	20.7	7.7	36.1	56.2	
		A-4, SaSi, Dk/brn, Moist, Rec. = 1.2 ft		20	17.9	14.6	37.0	48.4	
5		A-4, GrSaSi, Dk/brn, MTW, Rec. = 1.5 ft		3	20.8	20.6	30.7	48.7	
		A-4, SaSi, brn, Wet, Rec. = 1.7 ft		2	30.6	11.8	38.1	50.1	
		A-2-4, SiSa, brn, Sat, Rec. = 1.3 ft		5	31.7	14.1	51.7	34.2	
10		A-4, SaGrSi, gry, Moist, Rec. = 1.9 ft		14	17.6	28.8	22.5	48.7	
		A-4, SaGrSi mottled, gry-brn, Moist, Rec. = 1.8 ft		30	13.8	26.0	24.3	49.7	
15		A-4, SaGrSi HP, gry, Moist, Rec. = 1.7 ft		23	10.9	25.5	20.3	54.2	
		A-4, GrSaSi HP, gry, Moist, Rec. = 1.9 ft		32	10.4	23.3	28.6	48.1	
		A-4, SaSi HP, gry, Moist, Rec. = 1.6 ft		50	10.2	14.0	27.7	58.3	
20		A-4, GrSaSi HP, gry, Moist, Rec. = 1.4 ft		52	11.1	22.3	25.8	51.9	
25		Visual Classification, A-2-4, Silt & Stones HP, gry, Moist, Rec. = 1.4 ft		81					
30		Visual Classification, A-2-4, Gr Si HP, gry, Moist, Rec. = 2.0 ft		76					
		Hole stopped @ 32.0 ft							
35		DRILLER'S NOTES: 1. No ledge to depth. 2. Monitoring Well was installed. 3. There is 5.0 ft. of screen casing in ground. 4. There is 24.0 ft. of solid casing in ground. 5. There is 2.1 ft. of solid casing above ground level.							

LOG OF BORING RANDOLPH C&G PARK(21), GPJ, VT, AOT, GDT 2/13/09



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

BORING NUMBER: B-301  
 SHEET 1 of 1  
 DATE STARTED: 3/30/09  
 DATE COMPLETED: 3/30/09

PROJECT NAME: RANDOLPH  
 SITE NAME: RANDOLPH PARK & RIDE  
 STATION: 22+00  
 OFFSET: 29.26  
 VTSPG: N 526932.61 ft E 1609148.19 ft

PROJECT NUMBER: RSCH012-705  
 SITE NUMBER: VT-66  
 GROUND ELEVATION: 1194.11 ft  
 GROUNDWATER DEPTH: 3.64 ft 4/14/09  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: MAHMUTOVIC

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1193.9 ft								
		Porous Concrete, 0.0 ft - 0.5 ft						
		Stone Fill, 0.5 ft - 6.5 ft						
2.5								
5.0								
7.5		Visual Classification, GrSaSi, gry, MTW, Rec. = 0.7 ft		3				
		Visual Classification, Si, gry, MTW, Rec. = 1.2 ft		3				
10.0		Hole stopped @ 10.0 ft						
12.5								
15.0								
17.5								

LOG OF BORING RANDOLPH CMG PARK(21).LGP.J VT AOT.GDT 5/27/09



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

BORING NUMBER: B-302  
 SHEET 1 of 1  
 DATE STARTED: 3/27/09  
 DATE COMPLETED: 3/27/09

PROJECT NAME: RANDOLPH  
 SITE NAME: RANDOLPH PARK & RIDE  
 STATION: 21+62  
 OFFSET: 80.40  
 VTSPG: N 526908.14 ft E 1609207.42 ft

PROJECT NUMBER: RSCH012-705  
 SITE NUMBER: VT-66  
 GROUND ELEVATION: 1196.26 ft  
 GROUNDWATER DEPTH: 5.41 ft 4/14/09  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: MAHMUTOVIC

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1196.1 ft								
0.0 - 0.3		Asphalt Pavement, 0.0 ft - 0.3 ft						
0.3 - 6.0		Stone Fill, 0.3 ft - 6.0 ft						
6.0 - 9.5		Visual Classification, Si, gry, MTW						
9.5 - 10.0		Hole stopped @ 9.5 ft						

LOG OF BORING RANDOLPH C&G PARK(21), GPJ VT AOT.GDT 5/27/09



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

BORING NUMBER: B-303  
 SHEET 1 of 1  
 DATE STARTED: 3/26/09  
 DATE COMPLETED: 3/26/09

PROJECT NAME: RANDOLPH  
 SITE NAME: RANDOLPH PARK & RIDE  
 STATION: 21+67  
 OFFSET: 80.40  
 VTSPG: N 526912.88 ft E 1609205.59 ft

PROJECT NUMBER: RSCH012-705  
 SITE NUMBER: VT-66  
 GROUND ELEVATION: 1196.34 ft  
 GROUNDWATER DEPTH: FLOWING 4/14/09  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: MAHMUTOVIC

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1196.13 ft								
		Asphalt Pavement, 0.0 ft - 0.3 ft Crushed Stone, 0.3 ft - 3.0 ft						
5		Stone Fill, 3.0 ft - 6.0 ft						
		Visual Classification, Si, gry, MTW, Rec. = 1.4 ft		8				
		Visual Classification, Si, gry, MTW, Rec. = 1.5 ft		14				
10		Visual Classification, Si, gry, MTW, Rec. = 1.75 ft		14				
		Visual Classification, Si, gry, MTW, Rec. = 1.5 ft, Hard Pack at 13.5 ft.		73				
15		Visual Classification, NXMDC, HP, gry, MTW, Rec. = 1.0 ft, Water Loss at 15.4 ft.						
		Visual Classification, NXMDC, HP, gry, MTW, Rec. = 1.2 ft						
20		Hole stopped @ 19.5 ft						
25								

LOG OF BORING RANDOLPH C&G PARK(21), GPJ VT AOT.GDT 5/27/09



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

BORING NUMBER: B-304  
 SHEET 1 of 1  
 DATE STARTED: 3/27/09  
 DATE COMPLETED: 3/27/09

PROJECT NAME: RANDOLPH  
 SITE NAME: RANDOLPH PARK & RIDE  
 STATION: 22+19  
 OFFSET: 80.10  
 VTSPG: N 526960.60 ft E 1609194.86 ft

PROJECT NUMBER: RSCH012-705  
 SITE NUMBER: VT-66  
 GROUND ELEVATION: 1197.27 ft  
 GROUNDWATER DEPTH: 5.57 ft 5/19/09  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: MAHMUTOVIC

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1197.14 ft								
0.0 - 0.3	[Asphalt symbol]	Asphalt Pavement, 0.0 ft - 0.3 ft	[Asphalt in well diagram]					
0.3 - 4.25	[Stone fill symbol]	Stone Fill, 0.3 ft - 4.25 ft	[Stone fill in well diagram]					
2.5								
4.25 - 5.0	[Diagonal lines symbol]	Visual Classification, Si, gry, Moist, Rec. = 0.4 ft	[Diagonal lines in well diagram]					
5.0 - 6.75	[Diagonal lines symbol]	Visual Classification, Si, gry, MTW, Rec. = 1.5 ft	[Diagonal lines in well diagram]	7				
6.75 - 8.25	[Diagonal lines symbol]	Visual Classification, Si, gry, MTW, Rec. = 1.5 ft	[Diagonal lines in well diagram]	13				
8.25 - 9.25	[Diagonal lines symbol]	Visual Classification, Si, gry, MTW, Rec. = 1.0 ft	[Diagonal lines in well diagram]	13				
9.25 - 10.0	[Diagonal lines symbol]	Visual Classification, Si, gry, MTW, Rec. = 1.0 ft	[Diagonal lines in well diagram]					
10.0 - 10.5		Hole stopped @ 10.5 ft	[Well diagram showing stop]					
10.5 - 12.5								
12.5 - 15.0								
15.0 - 17.5								

LOG OF BORING RANDOLPH CMG PARK(21).LGP.J VT AOT.GDT 6/2/09



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

BORING NUMBER: B-305  
 SHEET 1 of 1  
 DATE STARTED: 5/05/09  
 DATE COMPLETED: 5/05/09

PROJECT NAME: RANDOLPH  
 SITE NAME: RANDOLPH PARK & RIDE  
 STATION: 22+70.4  
 OFFSET: 79.60  
 VTSPG: N 527015.42 ft E 1609180.88 ft

PROJECT NUMBER: RSCH012-705  
 SITE NUMBER: VT-66  
 GROUND ELEVATION: 1198.44 ft  
 GROUNDWATER DEPTH: 5.46 ft 5/19/09  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: MAHMUTOVIC

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1198.21 ft								
0.0		0.0 ft - 11.3 ft, No Samples taken. See Boring B-306 for Soil Descriptions.						
2.5								
5.0								
7.5								
10.0								
11.3		Hole stopped @ 11.3 ft						
12.5								
15.0								
17.5								

LOG OF BORING RANDOLPH C&G PARK(21),SPJ VT AOT.GDT 5/27/09



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

BORING NUMBER: B-306  
 SHEET 1 of 1  
 DATE STARTED: 5/04/09  
 DATE COMPLETED: 5/04/09

PROJECT NAME: RANDOLPH  
 SITE NAME: RANDOLPH PARK & RIDE  
 STATION: 22+75.8  
 OFFSET: 79.60  
 VTSPG: N 527020.73 ft E 1609179.07 ft

PROJECT NUMBER: RSCH012-705  
 SITE NUMBER: VT-66  
 GROUND ELEVATION: 1198.53 ft  
 GROUNDWATER DEPTH: 1.87 ft 5/19/09  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: MAHMUTOVIC

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1198.34 ft								
		Asphalt Pavement, 0.0 ft - 0.3 ft Stone Fill, 0.3 ft - 5.0 ft						
5		Visual Classification, Si, gry, Moist, Rec. = 1.3 ft		7				
		Visual Classification, GrSi, gry, MTW, Rec. = 0.9 ft		11				
10		Visual Classification, GrSi, gry, MTW, Rec. = 1.9 ft		9				
		Visual Classification, GrSi, gry, Wet, Rec. = 1.4 ft		14				
		Field Note: No Recovery		18				
15		Visual Classification, GrSaSi, gry, Wet, Rec. = 1.3 ft		35				
		Visual Classification, GrSi, gry, MTW, Rec. = 1.3 ft		25				
20		Visual Classification, GrSi, gry, MTW, Rec. = 1.9 ft		52				
		Hole stopped @ 21.5 ft						
25								

LOG OF BORING RANDOLPH C&G PARK(21),SPJ VT AOT.GDT 5/27/09



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

BORING NUMBER: B-307  
 SHEET 1 of 1  
 DATE STARTED: 5/07/09  
 DATE COMPLETED: 5/07/09

PROJECT NAME: RANDOLPH  
 SITE NAME: RANDOLPH PARK & RIDE  
 STATION: 23+00  
 OFFSET: 68.00  
 VTSPG: N 527037.92 ft E 1609158.24 ft

PROJECT NUMBER: RSCH012-705  
 SITE NUMBER: VT-66  
 GROUND ELEVATION: 1197.75 ft  
 GROUNDWATER DEPTH: 4.42 ft 5/19/09  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: MAHMUTOVIC

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1197.46 ft								
		Drilled Boring within existing manhole., 0.0 ft - 1.0 ft						
2.5		Stone Fill, 1.0 ft - 4.1 ft						
5.0		Visual Classification, Si, gry, MTW, Rec. = 1.6 ft		10				
7.5		Visual Classification, Si, gry, MTW, Rec. = 2.0 ft		8				
		Visual Classification, Gravely zone						
10.0		Visual Classification, Si, gry, MTW, Rec. = 1.8 ft		8				
		Hole stopped @ 11.0 ft						
12.5								
15.0								
17.5								

LOG OF BORING RANDOLPH C&G PARK(21),SPJ VT AOT.GDT 6/2/09



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

BORING NUMBER: B-308  
 SHEET 1 of 1  
 DATE STARTED: 5/06/09  
 DATE COMPLETED: 5/06/09

PROJECT NAME: RANDOLPH  
 SITE NAME: RANDOLPH PARK & RIDE  
 STATION: 23+80  
 OFFSET: 112.90  
 VTSPG: N 527058.53 ft E 1609205.45 ft

PROJECT NUMBER: RSCH012-705  
 SITE NUMBER: VT-66  
 GROUND ELEVATION: 1199.77 ft  
 GROUNDWATER DEPTH: 8.95 ft 5/19/09  
 PROJECT PIN NUMBER: 00K130

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: MAHMUTOVIC

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 1199.45 ft								
0.0 - 0.6	[Stippled Pattern]	Porous Concrete, 0.0 ft - 0.6 ft	[Stippled Well Diagram]					
0.6 - 6.0	[Stone Pattern]	Stone Fill, 0.6 ft - 6.0 ft	[Stone Well Diagram]					
6.0 - 7.5	[Cross-hatch Pattern]	Field Note: No Recovery	[Solid Black Well Diagram]	22				
7.5 - 9.8	[Diagonal Lines Pattern]	Visual Classification, SiCl, gry, Moist, Rec. = 0.8 ft	[Diagonal Lines Well Diagram]	17				
9.8 - 12.5	[Dotted Pattern]	Visual Classification, Cisi & Stones, gry, Moist, Rec. = 1.2 ft	[Dotted Well Diagram]	35				
12.5 - 12.5		Hole stopped @ 12.5 ft	[Hatched Well Diagram]					

LOG OF BORING RANDOLPH C&G PARK(21),SP1 VT\_AOT.GDT 5/27/09