



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

BORING NUMBER: B-1
 SHEET 1 of 1
 DATE STARTED: 4/25/06
 DATE COMPLETED: 4/25/06

PROJECT NAME: HARTFORD
 SITE NAME: US 4
 STATION: 335+00
 OFFSET: -14.00
 VTSPG: N 416443.19 ft E 1663050.58 ft

PROJECT NUMBER: STP VINS(1)
 SITE NUMBER: LT TURN LANE
 GROUND ELEVATION: 646.38 ft
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 05B386

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

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0.0 - 0.2		Asphalt, 0.0 ft - 0.2 ft	40	6.0	38.3	51.9	9.8
0.2 - 2.5		A-1-b, GrSa, brn, Moist, Rec. = 2.0 ft					
2.5		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft	30	4.4	52.0	41.4	6.6
2.5 - 5.0		A-2-4, SiSa, brn, Moist, Rec. = 1.2 ft		13.0	16.4	55.4	28.2
5.0		A-2-4, GrSiSa, brn, Moist, Rec. = 1.5 ft	88	12.1	24.1	45.2	30.7
5.0 - 6.2		A-1-a, Gr, brn, Moist, Rec. = 0.4 ft, Sample was mostly Broken Rock material.		4.0	84.2	11.3	4.5
6.2 - 7.5		Hole stopped @ 6.2 ft					
7.5 - 17.5		DRILLER'S NOTES: Samples were taken with a 3.0 in. sample barrel.					

LOG OF BORING - HARTFORD STP VINS(1).GRJ VT ADT.GDT 12/13/06



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BORING NUMBER: B-2
 SHEET 1 of 1
 DATE STARTED: 4/25/06
 DATE COMPLETED: 4/25/06

PROJECT NAME: HARTFORD
 SITE NAME: US 4
 STATION: 335+00
 OFFSET: -7.00
 VTSPG: N 416435.06 ft E 1663048.34 ft

PROJECT NUMBER: STP VINS(1)
 SITE NUMBER: LT TURN LANE
 GROUND ELEVATION: 646.02 ft
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 05B386

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

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		Asphalt, 0.0 ft - 0.7 ft					
		Concrete, 0.7 ft - 1.35 ft					
2.5		A-1-b, GrSa, brn, Moist, Rec. = 1.5 ft	39	4.9	40.1	51.4	8.5
		A-4, SiSa, brn, Moist, Rec. = 0.5 ft		12.9	16.9	47.1	36.0
		A-1-b, SaGr, brn, Moist, Rec. = 0.4 ft	44	7.1	58.8	23.3	17.9
		A-4, SiSa, brn, Moist, Rec. = 1.45 ft		12.4	17.8	44.8	37.4
5.0		A-2-4, GrSiSa, brn, Moist, Rec. = 1.02 ft, Could not penetrate any further.	R	12.6	24.6	40.6	34.8
		Hole stopped @ 6.38 ft					
7.5		DRILLER'S NOTES: Samples were taken with a 3.0 in. sample barrel.					
10.0							
12.5							
15.0							
17.5							

LOG OF BORING - HARTFORD STP VINS(1).GPJ - VT AOT.GDT 12/13/06



STATE OF VERMONT
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BORING NUMBER: B-3
 SHEET 1 of 1
 DATE STARTED: 4/25/06
 DATE COMPLETED: 4/25/06

PROJECT NAME: HARTFORD
 SITE NAME: US 4
 STATION: 339+00
 OFFSET: -14.00
 VTSPG: N 416264.63 ft E 1663414.82 ft

PROJECT NUMBER: STP VINS(1)
 SITE NUMBER: LT TURN LANE
 GROUND ELEVATION: 645.67 ft
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 05B386

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

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		Asphalt, 0.0 ft - 0.3 ft					
		A-1-b, GrSa, brn, Moist, Rec. = 2.0 ft	26	5.3	39.7	51.5	8.8
2.5		A-1-b, GrSa, brn, Moist, Rec. = 1.2 ft	20	6.5	35.8	53.6	10.6
		A-2-4, SiSa, brn, Moist, Rec. = 0.5 ft		13.7	13.8	51.0	35.2
5.0		A-2-4, SiSa, brn, Moist, Rec. = 2.0 ft	8	16.9	13.5	58.2	28.3
		Hole stopped @ 6.3 ft					
7.5		DRILLER'S NOTES: Samples were taken with a 3.0 in. sample barrel.					
10.0							
12.5							
15.0							
17.5							

LOG OF BORING - HARTFORD STP VINS(1).GPJ - VT AOT.GDT 12/13/06



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BORING NUMBER: B-4
 SHEET 1 of 1
 DATE STARTED: 4/25/06
 DATE COMPLETED: 4/25/06

PROJECT NAME: HARTFORD
 SITE NAME: US 4
 STATION: 339+00
 OFFSET: -7.00
 VTSPG: N 416259.12 ft E 1663410.76 ft

PROJECT NUMBER: STP VINS(1)
 SITE NUMBER: LT TURN LANE
 GROUND ELEVATION: 645.35 ft
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 05B386

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

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		Asphalt, 0.0 ft - 0.6 ft					
		Concrete, 0.6 ft - 1.2 ft					
2.5		A-1-a, SaGr, brn, Moist, Rec. = 1.0 ft	41	3.6	49.6	44.3	6.1
		A-2-4, Sa, brn, Moist, Rec. = 1.0 ft		6.9	15.2	69.4	15.4
		A-2-4, Sa, brn, Moist, Rec. = 1.0 ft	15	7.3	13.7	71.6	14.7
		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft		20.5	15.4	49.5	35.1
5.0		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft	13	17.1	14.3	58.9	26.8
		A-1-b, Sa, brn, Moist, Rec. = 1.0 ft		5.0	1.2	92.9	5.9
7.5		Hole stopped @ 7.2 ft					
		DRILLER'S NOTES: Samples were taken with a 3.0 in. sample barrel.					
10.0							
12.5							
15.0							
17.5							

LOG OF BORING - HARTFORD STP VINS(1).GPJ - VT AOT.GDT 12/13/06