



PROJECT NAME: CORINTH
SITE NAME: TR 0905
STATION: 13+14
OFFSET: 16.00
VTSPG: N 547503.70 ft E 1689729.20 ft

PROJECT NUMBER: TH-3 SLIDE
SITE NUMBER: CHELSEA RD.
GROUND ELEVATION: 1154.6 ft
GROUNDWATER DEPTH: 26.2 ft 8/07/08
PROJECT PIN NUMBER: 08X504

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 & TUBE
CHECKED BY: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
Top of Well Elevation: 1157.0 ft										
		A-2-4, GrSa, brn, Moist, Rec. = 1.0 ft		1	10.0	24.9	61.9	13.2		
		A-3, Sa, brn, Moist, Rec. = 0.8 ft		2	15.7	16.5	73.8	9.7		
5		No recovery. Trace of sand on sampler., 4.0 ft - 6.0 ft		3						
		A-2-4, Sa, brn, Moist, Rec. = 1.0 ft		9	15.4	11.8	77.3	10.9		
		A-1-b, GrSa, brn, Moist, Rec. = 1.1 ft		8	14.3	26.2	56.9	16.9		
10		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft		7	10.5	37.8	50.7	11.5		
		A-2-4, GrSiSa, brn-gry, Moist, Rec. = 1.4 ft		10	12.3	23.7	52.5	23.8		
15		A-1-a, SaGr, brn-gry, Moist, Rec. = 0.8 ft		17	9.1	54.4	38.2	7.4		
		No recovery. Stone in front of sampler., 16.0 ft - 18.0 ft		13						
		A-2-4, Sa, brn, Moist, Rec. = 1.0 ft		13	13.5	17.2	63.1	19.7		
20		A-4, SiSa, brn, MTW, Rec. = 1.8 ft		5	34.1	7.8	55.2	37.0		
		A-1-b, GrSa, brn-gry, MTW, Rec. = 0.8 ft		9	24.2	40.1	49.2	10.7		
25		A-2-4, GrSiSa, brn, Wet, Rec. = 0.7 ft		4	18.9	23.3	53.3	23.4		
		A-4, ClSi, gry-brn, Moist, Rec. = 0.6 ft			25.0	4.0	23.6	72.4	31	9
		A-1-b, SaGr, brn, MTW, Material from attempted tube sample. (27.0' - 28.4')			13.2	46.8	36.4	16.8		
30		A-2-4, Sa, gry, MTW, Rec. = 1.3 ft		7	17.2	12.7	71.2	16.1		
		A-4, SaSi, gry, MTW, Rec. = 1.1 ft		22	18.5	18.4	40.1	41.5	21	3
35		A-4, SaSi Shelby tube., gry, MTW, Rec. = 1.0 ft			18.4	2.0	44.0	54.0		
		A-2-4, GrSa, gry, MTW, Rec. = 1.0 ft		17	13.6	27.0	58.2	14.8		
40		A-1-b, SiGrSa, gry, MTW, Rec. = 0.8 ft		R	15.5	26.0	52.0	22.0		

LOG OF BORING CORINTH TH-3 SLIDE.GPJ VT AOT.GDT 5/4/09



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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 & TUBE
CHECKED BY: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		A-4, SiGr, gry, MTW, Rec. = 0.5 ft		27	18.7	44.4	11.6	44.0		
50		A-4, Si, gry, MTW, Rec. = 1.75 ft		24	26.3	0.0	8.5	91.5	28	4
		Shelby tube., gry, MTW, Rec. = 1.2 ft, 53.0 ft - 54.35 ft								
55		A-4, Si, gry, Moist, Rec. = 1.75 ft		14	27.1	0.0	4.7	95.3	29	2
60		A-4, Si, gry, Moist, Rec. = 1.5 ft		85	23.6	0.0	2.4	97.6		
65		A-4, Si, gry, Moist, Rec. = 2.0 ft		64	23.6	0.0	2.9	97.1		
70		A-4, Si, gry, Moist, Rec. = 1.9 ft		53	25.5	0.0	2.4	97.6	29	2
75		A-4, Si, gry, Moist, Rec. = 1.6 ft		82	24.7	0.0	18.1	81.9	30	5
80		A-6, SiCl, gry, MTW, Rec. = 2.0 ft		53	31.1	0.0	1.5	98.5	40	13
		Hole stopped @ 82.0 ft								
85		DRILLER'S NOTES: 1. Installed inclinometer to 80.0 ft. 2. Top of inclinometer is 2.4 ft. above ground surface.								

LOG OF BORING CORINTH TH-3 SLIDE.GPJ VT AOT.GDT 5/4/09



PROJECT NAME: CORINTH
SITE NAME: TR 0905
STATION: 13+62
OFFSET: 18.00
VTSPG: N 547509.20 ft E 1689680.10 ft

PROJECT NUMBER: TH-3 SLIDE
SITE NUMBER: CHELSEA RD.
GROUND ELEVATION: 1154.1 ft
GROUNDWATER DEPTH: 28.3 ft 8/19/08
PROJECT PIN NUMBER: 08X504

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: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
Top of Well Elevation: 1156.6 ft										
5		A-2-4, SiSa, brn, Moist, Rec. = 0.2 ft		1	20.9	11.4	66.0	22.6		
		A-2-4, SiSa, brn, Wet, Rec. = 0.9 ft		2	24.0	13.8	63.7	22.5		
		A-2-4, Sa, brn, Wet, Rec. = 0.6 ft		1	27.1	13.7	73.7	12.6		
		A-2-4, Sa, brn, MTW, Rec. = 0.8 ft		3	17.8	19.4	67.1	13.5		
10		Visual Classification, A-1-b, GrSa, brn, MTW, Rec. = 0.2 ft, Stone in sampler. Insufficient sample for testing.		3						
		A-1-b, GrSa, brn, MTW, Rec. = 0.9 ft, Small amounts of Asphalt pavement were within sample.		4	13.1	34.0	54.0	12.0		
		A-1-b, SaGr, brn, MTW, Rec. = 0.9 ft, Small amounts of Asphalt pavement were within sample.		4	11.5	47.3	41.0	11.7		
15		A-2-4, GrSa, brn, MTW, Rec. = 1.0 ft		10	14.1	20.7	59.9	19.4		
		Visual Classification, Possible Fill material, brn-gry, MTW, Rec. = 0.4 ft, (Broken rock, Asphalt & Sand)		15	9.3					
		A-1-b, GrSa, brn-gry, MTW, Rec. = 1.2 ft, Asphalt pavement was within sample.		15	11.6	44.5	46.4	9.1		
20		A-2-4, SiSa, brn, MTW, Rec. = 1.5 ft		12	18.5	17.6	55.1	27.3		
		A-2-4, SiSa, brn, MTW, Rec. = 1.4 ft		9	22.0	11.8	55.8	32.4		
25		A-2-4, Sa, brn, MTW, Rec. = 1.3 ft		20	25.0	12.5	67.6	19.9		
		A-2-4, Sa, gry-brn, MTW, Rec. = 1.5 ft		15	24.9	16.1	71.0	12.9		
		A-2-4, SiSa, gry, Wet, Rec. = 1.1 ft		4	19.6	5.3	60.7	34.0		
30		A-4, SiSa, gry, MTW, Rec. = 0.9 ft		3	19.7	6.9	48.5	44.6		
		A-4, Cisi, gry, MTW, Rec. = 1.7 ft		23	22.0	2.3	22.3	75.4	32	10
35		A-4, SaSi, gry, MTW, Rec. = 1.5 ft		51	24.6	0.5	43.0	56.5		
		A-4, SaSi, gry, MTW, Rec. = 1.4 ft		50	22.4	0.0	42.9	57.1		
40		A-6, SiCl, gry, Moist, Rec. = 1.7 ft		53	24.3	0.0	3.7	96.3	36	11
		A-4, SaSi, gry, Moist, Rec. = 1.8 ft, Sample was tested for Limits.		50	26.4	0.0	23.2	76.8		

LOG OF BORING CORINTH TH-3 SLIDE.GPJ VT AOT.GDT 5/14/09



PROJECT NAME: CORINTH
SITE NAME: TR 0905
STATION: 13+62
OFFSET: 18.00
VTSPG: N 547509.20 ft E 1689680.10 ft

PROJECT NUMBER: TH-3 SLIDE
SITE NUMBER: CHELSEA RD.
GROUND ELEVATION: 1154.1 ft
GROUNDWATER DEPTH: 28.3 ft 8/19/08
PROJECT PIN NUMBER: 08X504

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: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
50		A-6, SiCl, gry, MTW, Rec. = 1.7 ft		54	30.3	0.0	19.3	80.7	37	13
55		A-4, Cisi, gry, Moist, Rec. = 0.8 ft		85	26.6	0.0	2.6	97.4	31	7
60		A-6, SiCl, gry, Moist, Rec. = 1.65 ft		65	23.0	0.0	7.2	92.8	36	12
65		A-4, Cisi, gry, Moist, Rec. = 1.65 ft		61	25.6	0.0	3.1	96.9	33	7
70		A-6, SiCl, gry, Moist, Rec. = 2.0 ft		54	27.0	0.0	3.4	96.6	39	13
75		A-6, SiCl, gry, Moist, Rec. = 2.0 ft		59	28.1	0.0	0.6	99.4	39	11
Hole stopped @ 72.0 ft										
DRILLER'S NOTES: 1. Installed inclinometer to 71.0 ft. 2. Top of inclinometer is 2.5 ft. above ground surface. 3. No return water from 40.0 ft. to 50.0 ft.										

LOG OF BORING CORINTH TH-3 SLIDE.GPJ VT AOT.GDT 5/14/09



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

BORING NUMBER: B-103
SHEET 1 of 1
DATE STARTED: 8/20/08
DATE COMPLETED: 8/26/08

PROJECT NAME: CORINTH
SITE NAME: TR 0905
STATION: 13+38
OFFSET: -20.00
VTSPG: N 547475.40 ft E 1689703.50 ft

PROJECT NUMBER: TH-3 SLIDE
SITE NUMBER: CHELSEA RD.
GROUND ELEVATION: 1155.5 ft
GROUNDWATER DEPTH: 9.7 ft 8/26/08
PROJECT PIN NUMBER: 08X504

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

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)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)	
Top of Well Elevation: 1157.5 ft											
		A-1-b, GrSa, brn, Moist, Rec. = 1.3 ft		14	8.7	25.2	61.5	13.3			
		A-1-b, GrSa, brn, MTW, Rec. = 0.8 ft		10	14.1	32.6	56.7	10.7			
5		Field Note:, No recovery		5							
		Visual Classification, Broken rock, gry, Moist, Rec. = 0.2 ft, Insufficient sample for testing.		6							
		A-1-b, GrSa, gry, MTW, Rec. = 0.6 ft		4	14.3	45.6	48.8	5.6			
10		A-1-b, GrSa, gry-brn, MTW, Rec. = 1.4 ft		8	12.5	37.2	48.3	14.5			
		Field Class:, Cobbles, No sample									
		A-1-b, GrSa, gry, Wet, Rec. = 1.5 ft		15	15.3	28.0	57.2	14.8			
		A-2-4, SiGrSa, gry, MTW, Rec. = 1.7 ft		28	11.9	28.9	43.9	27.2			
		A-2-4, GrSiSa, gry, MTW, Rec. = 1.4 ft		36	14.3	26.9	39.8	33.3			
20		A-4, ClSi, gry, MTW, Rec. = 1.6 ft		34	20.4	6.4	22.9	70.7	38	7	
		A-4, Si, gry, Moist, Rec. = 1.8 ft		30	23.7	0.0	6.9	93.1	32	6	
25		A-4, Si, gry, Moist, Rec. = 1.9 ft		25	25.2	0.0	6.0	94.0	31	4	
		A-4, Si, gry, Moist, Rec. = 1.6 ft		39	21.1	0.0	12.4	87.6	31	5	
		A-7-6, SiCl, gry, Moist, Rec. = 1.5 ft		34	25.0	0.0	12.9	87.1	46	18	
30		A-4, SaSi, gry, Moist, Rec. = 2.0 ft		57	21.0	0.4	21.7	77.9	28	5	
		A-4, Si, gry, Moist, Rec. = 1.9 ft		55	22.9	0.0	16.3	83.7			
35		A-4, Si, gry, Moist, Rec. = 1.7 ft		35	24.7	0.0	16.6	83.4			
		A-4, ClSi, gry, Moist, Rec. = 1.6 ft	73	23.9	0.0	13.7	86.3	37	9		
		A-4, Si, gry, Moist, Rec. = 1.8 ft	49	21.6	0.0	7.5	92.5	30	4		
40		A-7-6, SiCl, gry, Moist, Rec. = 2.0 ft	54	24.7	0.1	7.8	92.1	42	15		
		Hole stopped @ 42.0 ft									
45		DRILLER'S NOTES: 1. Installed monitoring well to 23.2 ft. 2. Top of well is 2.0 ft. above ground surface.									

LOG OF BORING CORINTH TH-3 SLIDE.GPJ VT AOT.GDT 5/14/09



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

BORING NUMBER: B-104
SHEET 1 of 2
DATE STARTED: 9/30/08
DATE COMPLETED: 10/07/08

PROJECT NAME: CORINTH
SITE NAME: TR 0905
STATION: 13+57
OFFSET: 112.00
VTSPG: N 547602.90 ft E 1689683.80 ft

PROJECT NUMBER: TH-3 SLIDE
SITE NUMBER: CHELSEA RD.
GROUND ELEVATION: 1115.1 ft
GROUNDWATER DEPTH: 13.0 ft 10/03/08
PROJECT PIN NUMBER: 08X504

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: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
5		A-2-4, SiSa, brn, Moist, Rec. = 1.2 ft	2	23.1	5.8	60.4	33.8		
		A-2-4, SiSa, brn, Moist, Rec. = 1.2 ft	2	21.2	8.2	57.2	34.6		
		A-2-4, SiSa, brn, Moist, Rec. = 1.7 ft	3	20.1	10.3	59.2	30.5		
		A-2-4, Sa with a Trace of Organics (1.3%), brn-blk, Moist, Rec. = 0.2 ft, Appears to be ground up phyllite.	4	33.9 16.9	1.9 15.6	84.4 54.1	13.7 30.3		
		A-2-4, SiSa, brn, Moist, Rec. = 0.6 ft							
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.6 ft	R	15.2	26.8	47.2	26.0		
10		A-4, SiSa, brn, Wet, Rec. = 1.7 ft	5	22.2	8.3	48.9	42.8		
		A-4, SaSi, brn, Wet, Rec. = 1.2 ft	3	22.0	4.7	37.0	58.3		
15		A-4, Si, brn-gry, MTW, Rec. = 1.5 ft	10	24.0	2.6	10.8	86.6		
		A-4, Si, gry, MTW, Rec. = 1.2 ft	16	24.6	0.0	7.6	92.4		
		A-4, Si, gry, MTW, Rec. = 1.6 ft	16	24.3	0.0	6.7	93.3		
20		A-4, Si, gry, Moist, Rec. = 1.5 ft	20	25.8	0.0	2.7	97.3		
25		A-4, Cisi, gry, Moist, Rec. = 1.8 ft	23	24.2	0.0	2.2	97.8	33	8
30		A-4, Si, gry, Moist, Rec. = 1.6 ft	23	23.8	0.0	1.3	98.7		

LOG OF BORING CORINTH TH-3 SLIDE.GPJ VT AOT.GDT 5/4/09



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

BORING NUMBER: B-104
SHEET 2 of 2
DATE STARTED: 9/30/08
DATE COMPLETED: 10/07/08

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GROUNDWATER DEPTH: 13.0 ft 10/03/08
PROJECT PIN NUMBER: 08X504

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: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
40		A-4, Si, gry, Moist, Rec. = 1.8 ft	28	24.2	0.0	0.6	99.4	32	6
		A-4, Cisi, gry, Moist, Rec. = 1.9 ft	28	25.0	0.0	0.7	99.3	33	7
45		A-4, Cisi, gry, Moist, Rec. = 2.0 ft	36	28.2	0.0	1.3	98.7	34	9
50		A-4, Si, gry, MTW, Rec. = 1.8 ft	52	29.8	0.0	7.0	93.0		
55		A-4, Si, gry, MTW, Rec. = 2.0 ft	35	34.1	0.0	1.9	98.1	30	4
60		A-4, Si, gry, MTW, Rec. = 2.0 ft	41	35.4	0.0	6.6	93.4	23	3
65		A-4, Si, gry, MTW, Rec. = 1.2 ft, Broken rock was within sample.	76	23.2	14.2	12.3	73.5		
		Field Note: Possible Bedrock. Hole stopped @ 67.0 ft							

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